

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059924.D
 Acq On : 30 Jan 2020 13:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:40:35 AM

Quant Time: Jan 30 17:18:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	292155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103713	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.56	113	87973	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.08	98	332521	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	121873	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	103914	47.064	ug/l	97
3) Chloromethane	2.04	50	100989	47.134	ug/l	100
4) Vinyl Chloride	2.17	62	132009	53.848	ug/l	97
5) Bromomethane	2.53	94	77267	51.646	ug/l	97
6) Chloroethane	2.68	64	61501	53.026	ug/l	97
7) Trichlorofluoromethane	3.00	101	155900	52.953	ug/l	99
8) Diethyl Ether	3.38	74	56833	55.006	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	92665	56.552	ug/l	94
10) Methyl Iodide	3.93	142	136442	51.515	ug/l	96
11) Tert butyl alcohol	4.73	59	88715	253.562	ug/l	99
12) 1,1-Dichloroethene	3.71	96	87022	50.825	ug/l	91
13) Acrolein	3.57	56	59384	239.771	ug/l	96
14) Allyl chloride	4.29	41	121593	52.687	ug/l #	83
15) Acrylonitrile	4.94	53	221311	277.300	ug/l	99
16) Acetone	3.78	43	241847	344.982	ug/l	96
17) Carbon Disulfide	4.03	76	218975	44.895	ug/l	98
18) Methyl Acetate	4.28	43	137964	56.831	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	312472	55.973	ug/l	95
20) Methylene Chloride	4.52	84	100434	53.504	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	94118	51.712	ug/l	90
22) Diisopropyl ether	5.91	45	289529	55.359	ug/l #	97
23) Vinyl Acetate	5.86	43	1120170	276.632	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	173785	54.381	ug/l	98
25) 2-Butanone	6.80	43	317771	269.997	ug/l	91
26) 2,2-Dichloropropane	6.79	77	167781	54.612	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	112772	53.871	ug/l	90
28) Bromochloromethane	7.17	49	66519	52.080	ug/l #	77
29) Tetrahydrofuran	7.18	42	190077	261.024	ug/l	88
30) Chloroform	7.34	83	184338	55.673	ug/l	100
31) Cyclohexane	7.63	56	145685	47.377	ug/l	90
32) 1,1,1-Trichloroethane	7.55	97	167533	54.723	ug/l	97
36) 1,1-Dichloropropene	7.77	75	132343	52.018	ug/l	95
37) Ethyl Acetate	6.89	43	123546	51.775	ug/l	96
38) Carbon Tetrachloride	7.75	117	148846	53.783	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	157878	50.327	ug/l	92
40) Benzene	8.02	78	397726	52.417	ug/l	100
41) Methacrylonitrile	7.15	41	55489m	47.210	ug/l	
42) 1,2-Dichloroethane	8.10	62	142158	55.258	ug/l	97
43) Isopropyl Acetate	8.14	43	218364	53.202	ug/l #	96
44) Trichloroethene	8.82	130	114638	55.344	ug/l	93
45) 1,2-Dichloropropane	9.10	63	104003	55.392	ug/l	97
46) Dibromomethane	9.19	93	72562	54.786	ug/l	92
47) Bromodichloromethane	9.38	83	150129	56.249	ug/l	98
48) Methyl methacrylate	9.18	41	94093	51.252	ug/l	87
49) 1,4-Dioxane	9.18	88	34788	1035.092	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	641631	270.430	ug/l	95
52) Toluene	10.14	92	256804	53.582	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	169916	57.016	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	180524	57.571	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	105546	55.603	ug/l	99
56) Ethyl methacrylate	10.42	69	156519	53.963	ug/l	92
57) 1,3-Dichloropropane	10.70	76	170627	56.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	263803	301.962	ug/l	93
59) 2-Hexanone	10.74	43	486634	278.406	ug/l	95
60) Dibromochloromethane	10.89	129	124907	57.785	ug/l	99
61) 1,2-Dibromoethane	11.00	107	110490	55.535	ug/l	99
64) Tetrachloroethene	10.62	164	110122	50.826	ug/l	98
65) Chlorobenzene	11.42	112	288677	55.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	113630	56.280	ug/l	98
67) Ethyl Benzene	11.50	91	512434	54.023	ug/l	98
68) m/p-Xylenes	11.61	106	391706	109.323	ug/l	94
69) o-Xylene	11.94	106	189109	53.911	ug/l	94
70) Styrene	11.96	104	317359	54.067	ug/l	97
71) Bromoform	12.12	173	94196	58.244	ug/l #	98
73) Isopropylbenzene	12.24	105	514343	53.664	ug/l	99
74) N-amyl acetate	12.06	43	193556	52.044	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	150902	54.310	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	133617m	60.753	ug/l	
77) Bromobenzene	12.52	156	130097	53.600	ug/l	84
78) n-propylbenzene	12.59	91	586687	54.537	ug/l	98
79) 2-Chlorotoluene	12.67	91	341912	53.426	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	439263	54.495	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	57206	55.858	ug/l	94
82) 4-Chlorotoluene	12.77	91	351509	54.760	ug/l	96
83) tert-Butylbenzene	12.99	119	377524	54.153	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	432802	54.274	ug/l	98
85) sec-Butylbenzene	13.17	105	499156	54.497	ug/l	99
86) p-Isopropyltoluene	13.28	119	458381	54.086	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	232978	55.259	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	232741	55.335	ug/l	97
89) n-Butylbenzene	13.61	91	404553	55.984	ug/l	98
90) Hexachloroethane	13.87	117	86855	54.774	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	229225	54.995	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31280	52.556	ug/l	81

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QLast Update : Sat Jan 18 03:09:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	140256	56.001	ug/l	98
94) Hexachlorobutadiene	15.01	225	75550	54.740	ug/l	99
95) Naphthalene	15.13	128	374422	52.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134691	55.250	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

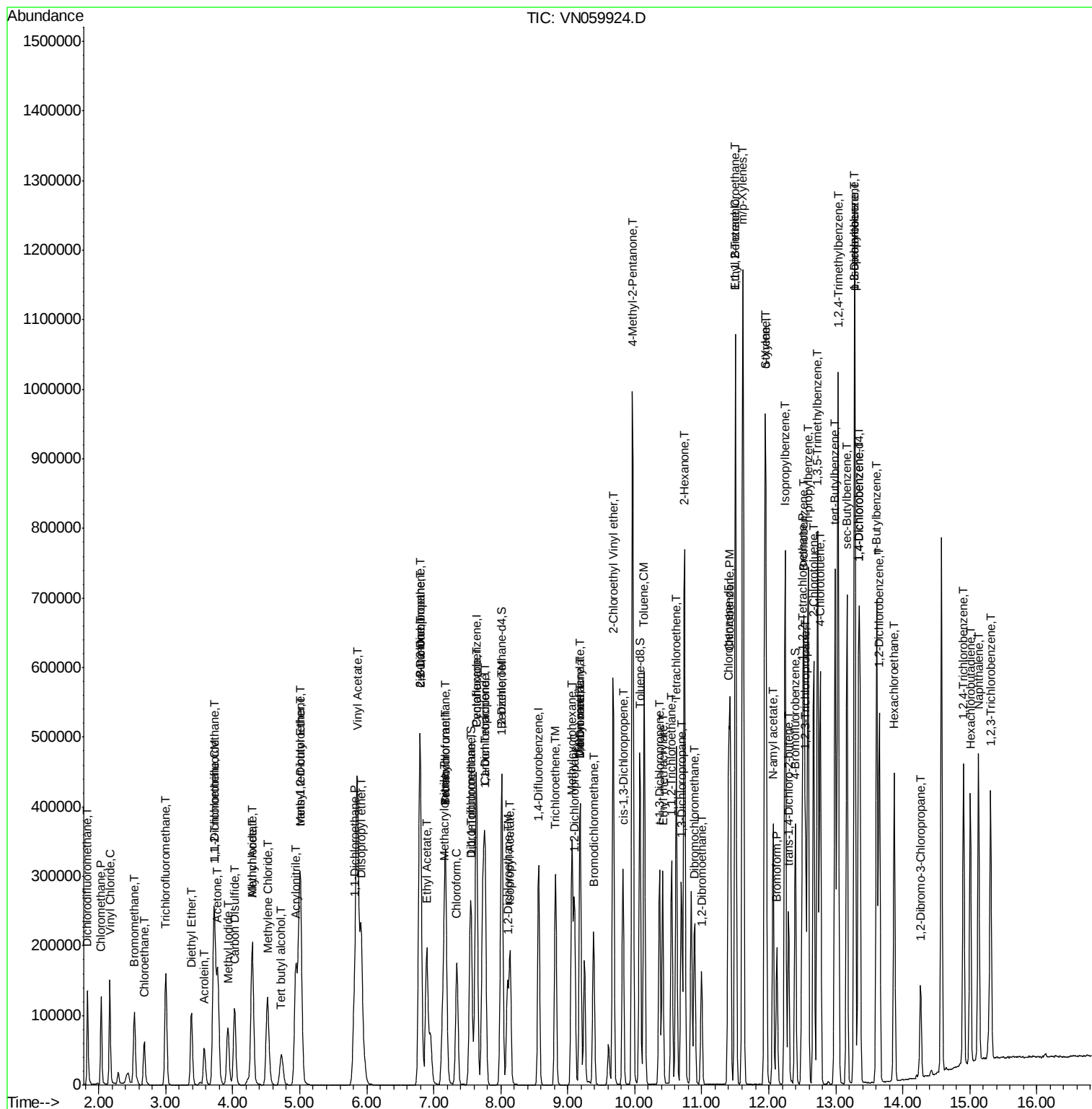
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Data File : VN059924.D
Acq On : 30 Jan 2020 13:07
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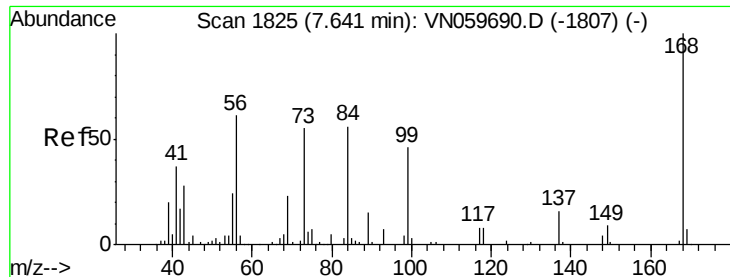
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 187148

Ion Ratio Lower Upper

168 100

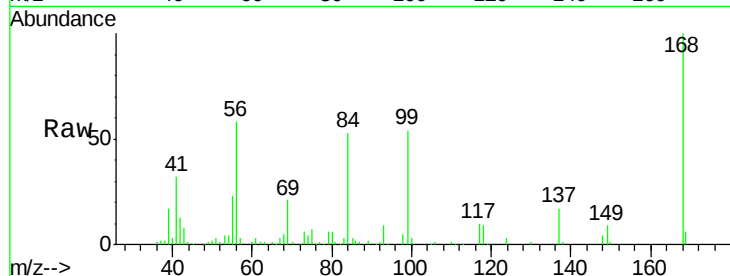
99 54.1 48.2 72.4

Manual Integrations

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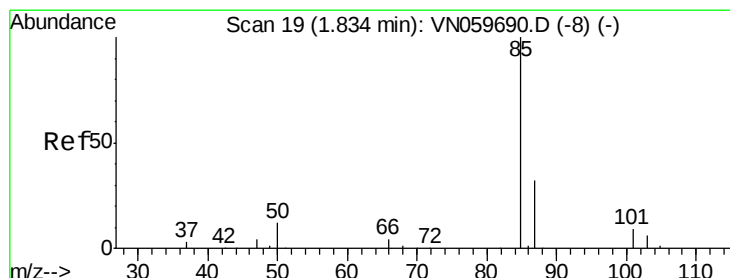
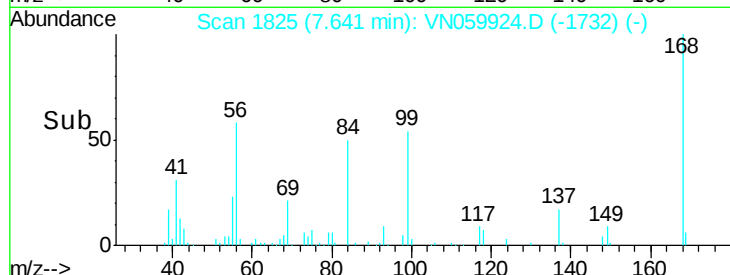
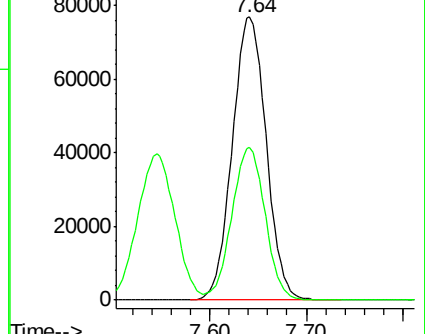
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2/3/2020 10:40:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.064 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059924.D

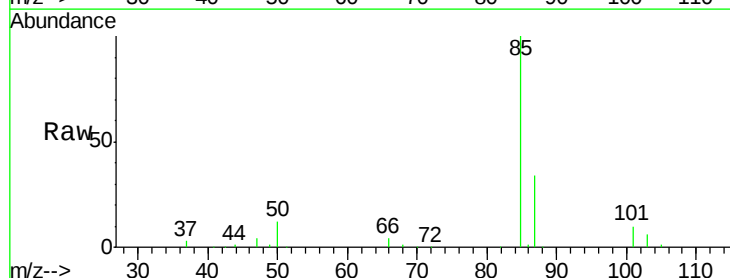
Acq: 30 Jan 2020 13:07

Tgt Ion: 85 Resp: 103914

Ion Ratio Lower Upper

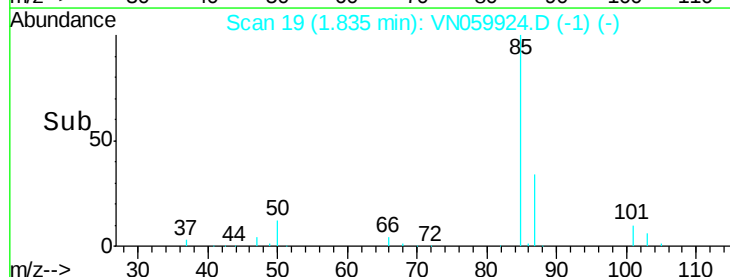
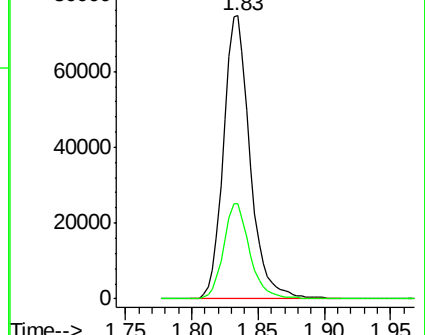
85 100

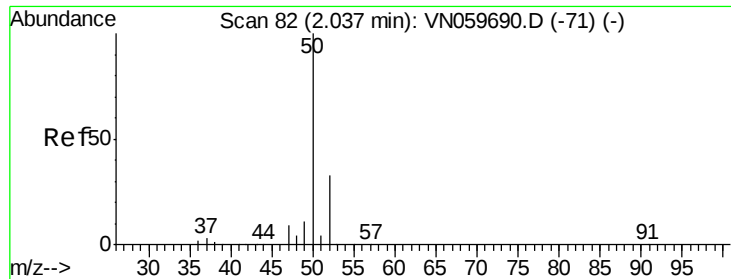
87 33.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





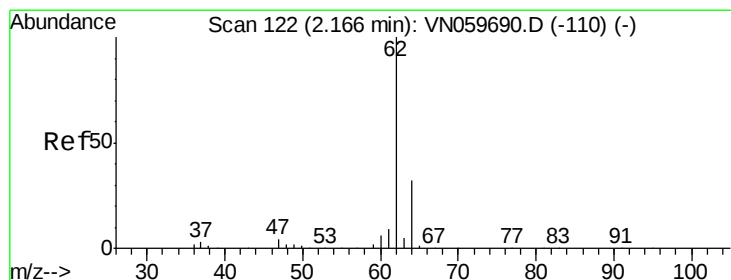
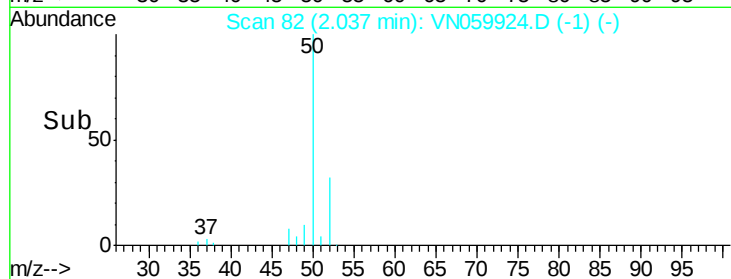
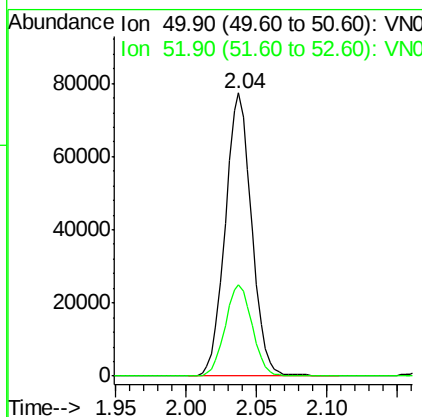
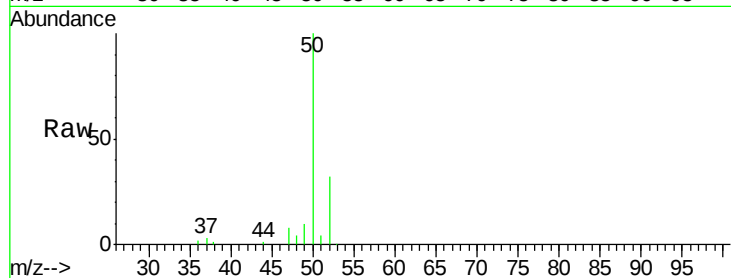
#3
Chloromethane
Concen: 47.134 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.9	38.9

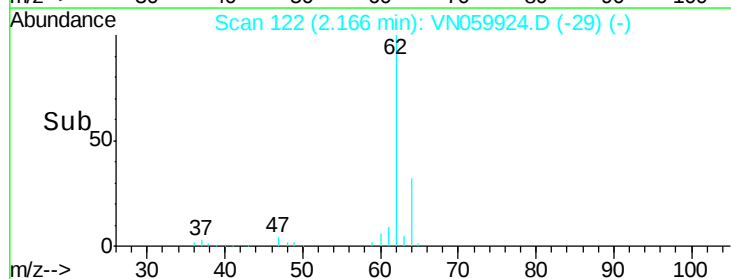
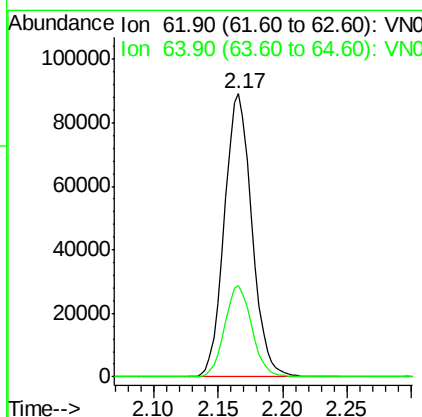
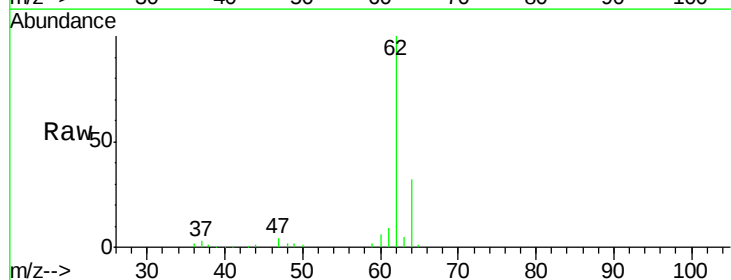
Manual Integrations
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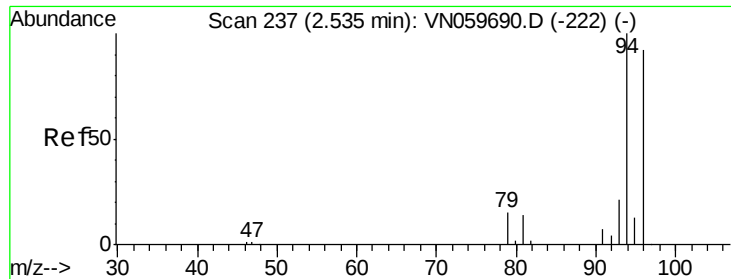
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#4
Vinyl Chloride
Concen: 53.848 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	37.0





#5

Bromomethane

Concen: 51.646 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 77267

Ion Ratio Lower Upper

94 100

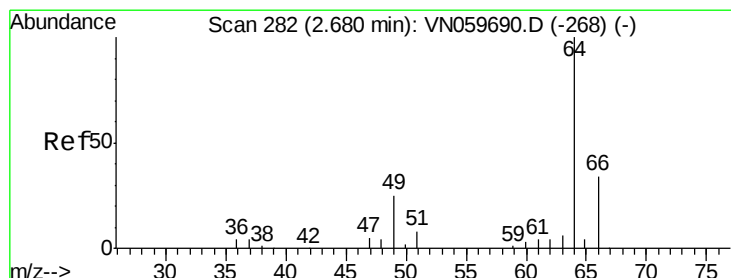
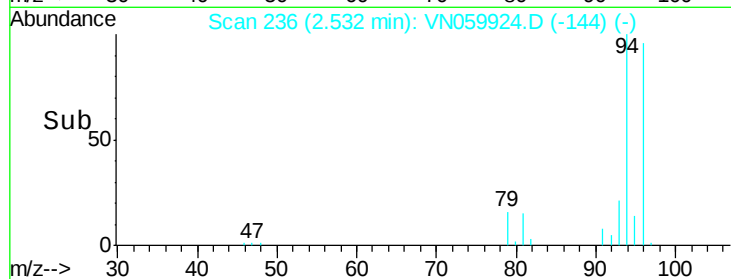
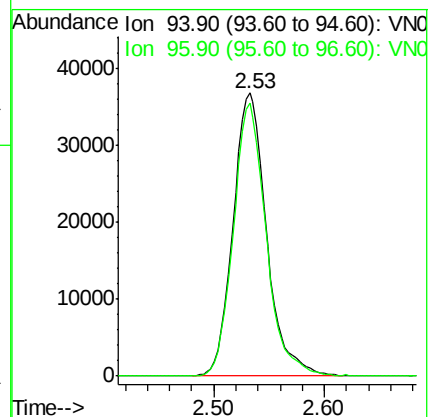
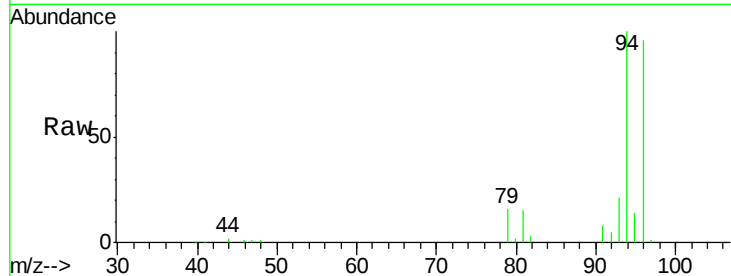
96 96.4 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 53.026 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059924.D

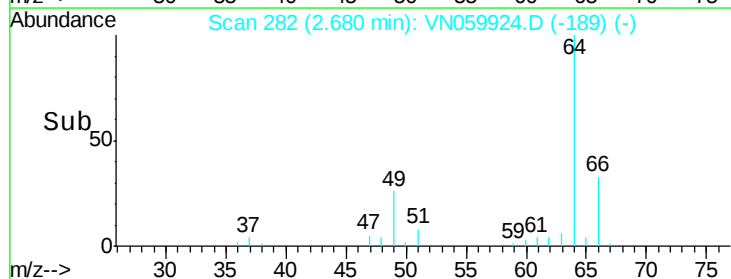
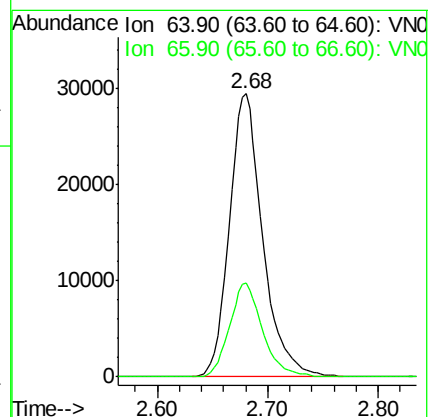
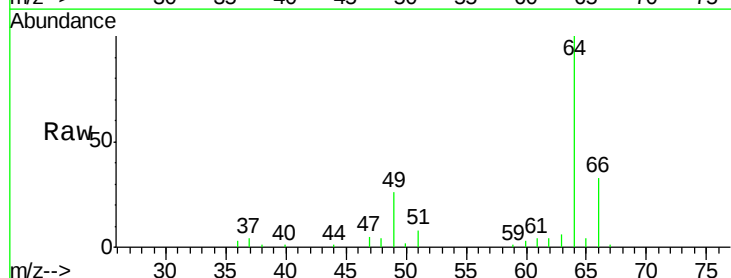
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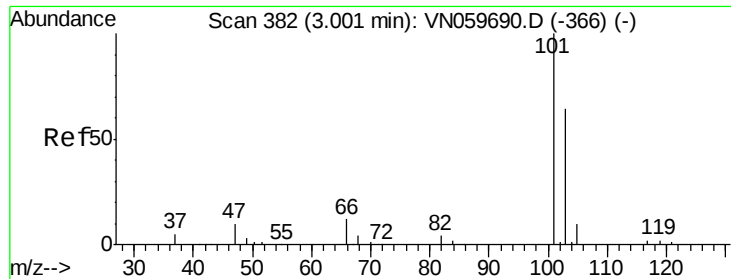
Tgt Ion: 64 Resp: 61501

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





#7

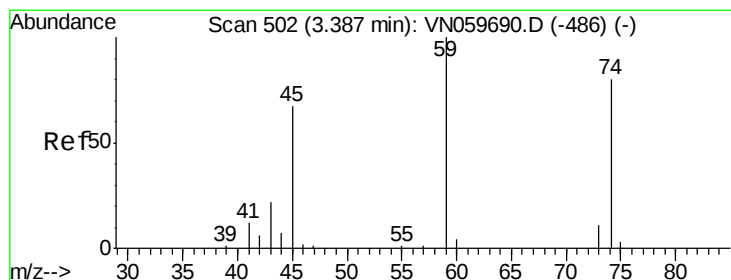
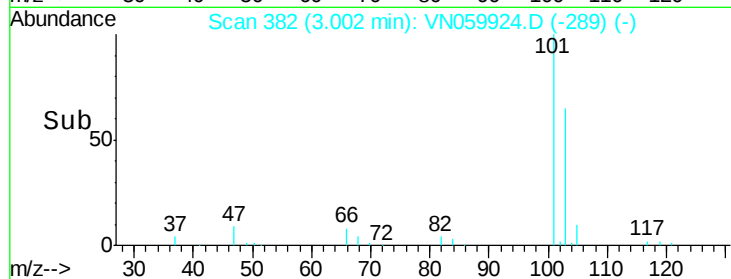
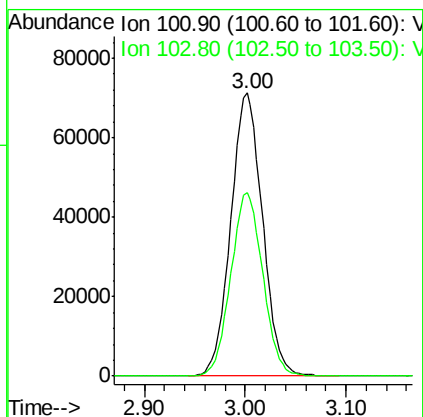
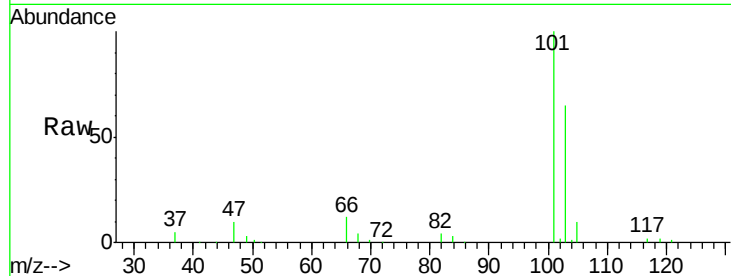
Trichlorofluoromethane
Concen: 52.953 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		155900		
103	64.7	51.0	76.6		

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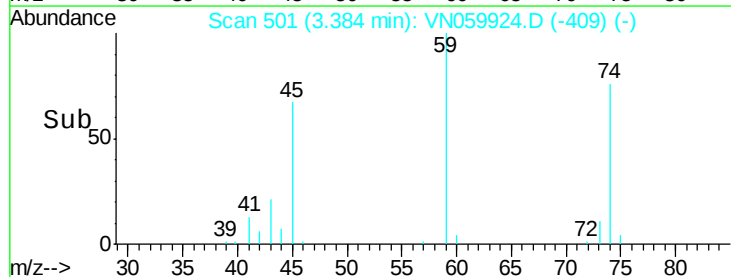
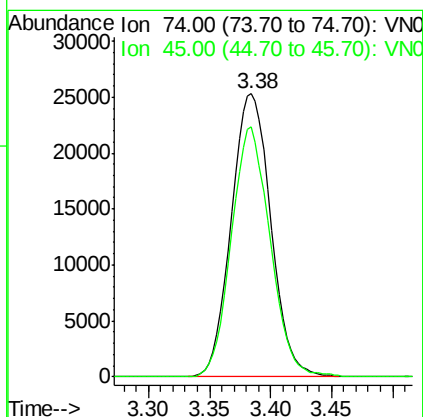
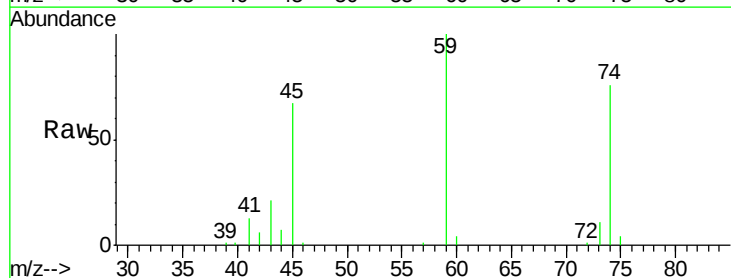
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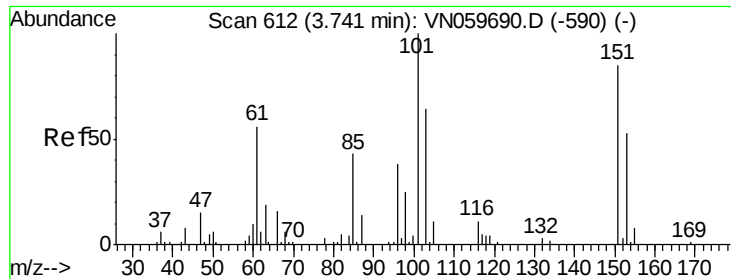


#8

Diethyl Ether
Concen: 55.006 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		56833		
45	86.8	51.9	155.8		





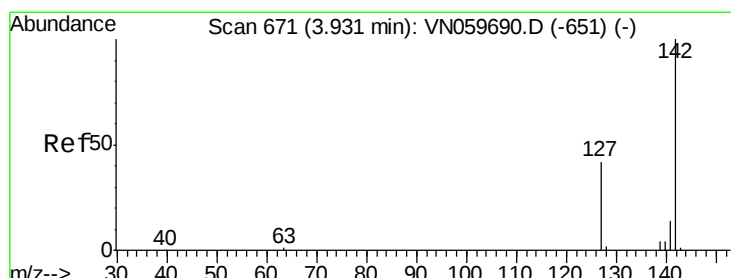
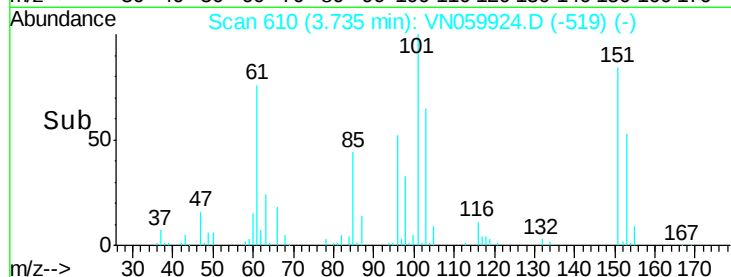
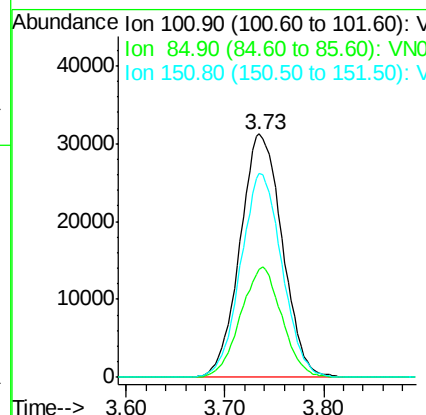
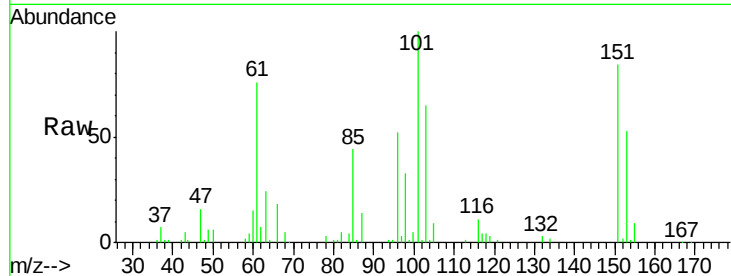
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.552 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.01 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.0	36.6	54.8
151	81.8	59.7	89.5

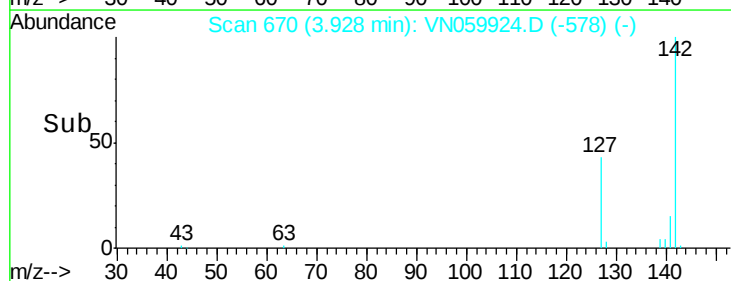
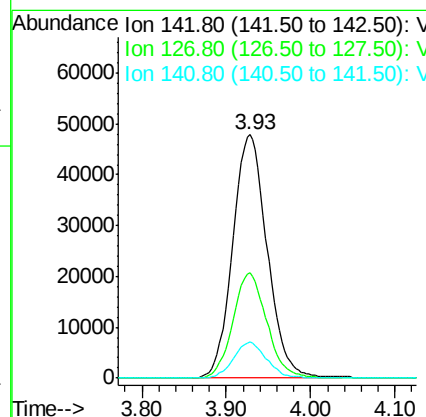
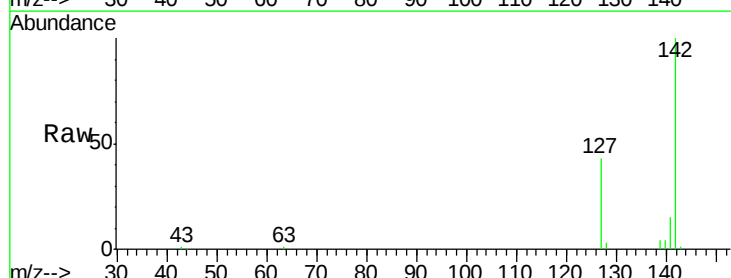
Manual Integrations
APPROVED

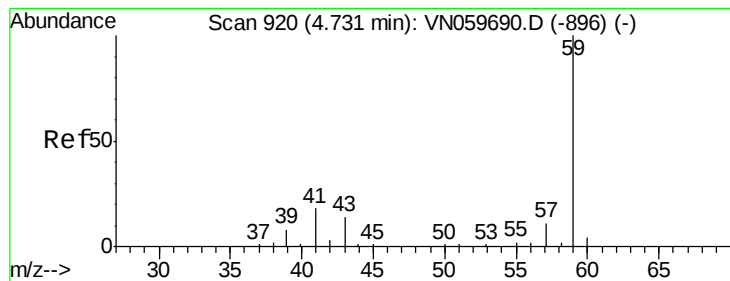
MMDadoda
2/3/2020 10:40:35 AM



#10
Methyl Iodide
Concen: 51.515 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.4	36.7	55.1
141	14.2	11.7	17.5





#11

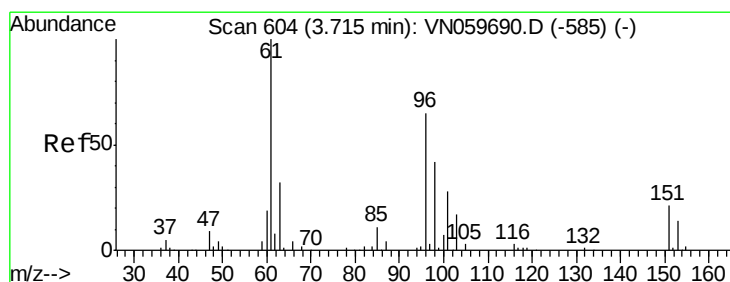
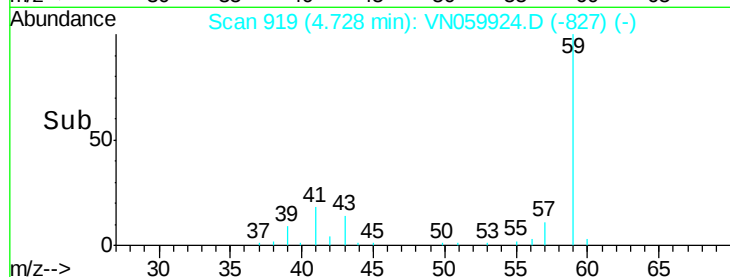
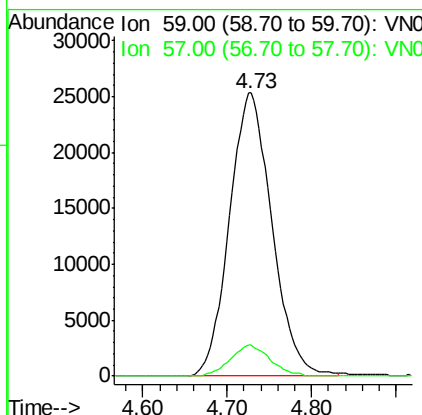
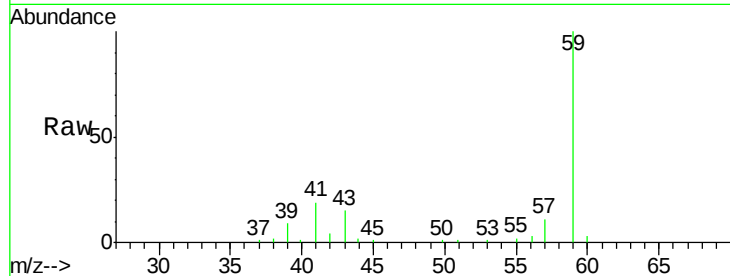
Tert butyl alcohol
Concen: 253.562 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

Manual Integrations
APPROVED

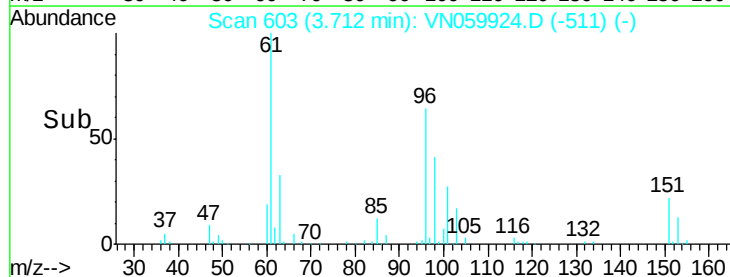
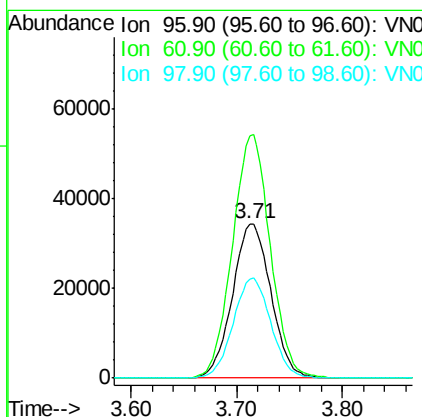
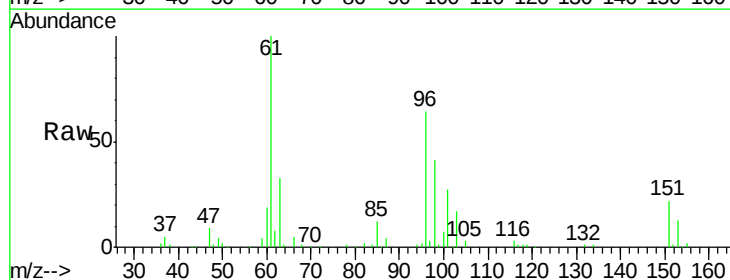
MMDadoda
2/3/2020 10:40:35 AM

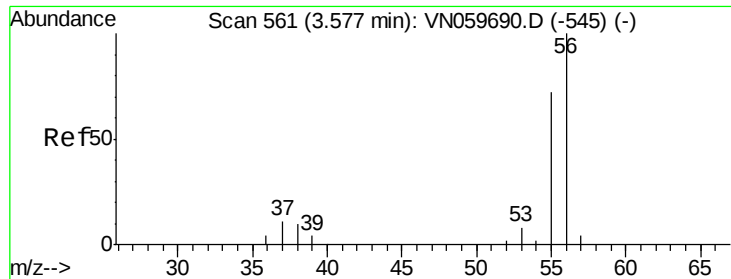


#12

1,1-Dichloroethene
Concen: 50.825 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	137.5	206.3
98	64.3	50.2	75.4





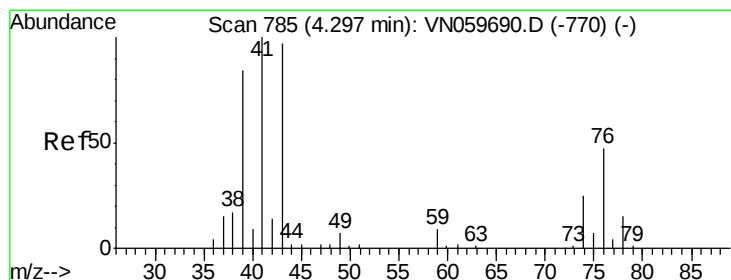
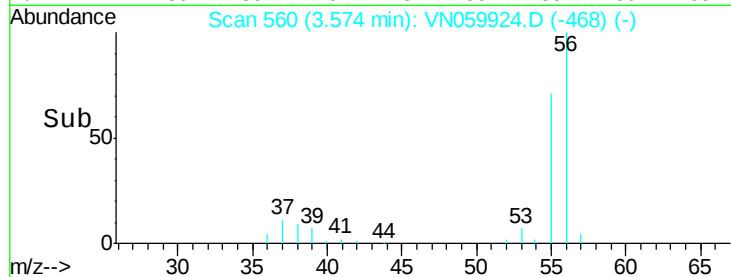
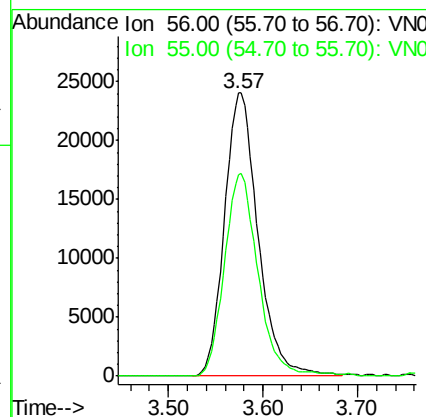
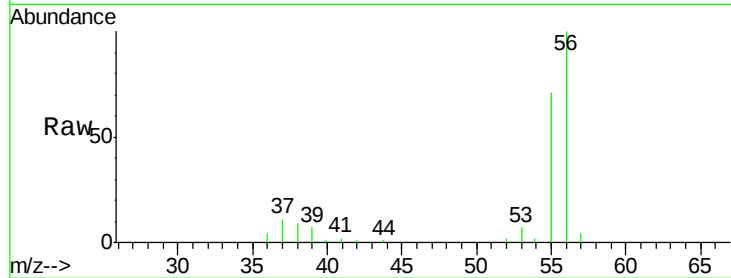
#13
Acrolein
Concen: 239.771 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	59384
Ion Ratio	100	Lower	Upper
56	100		
55	70.3	58.6	88.0

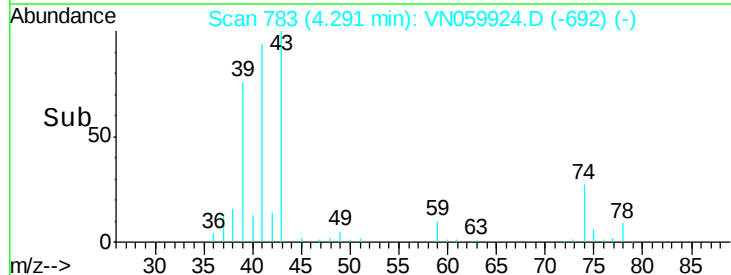
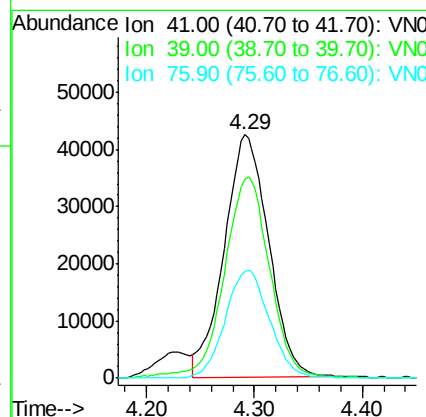
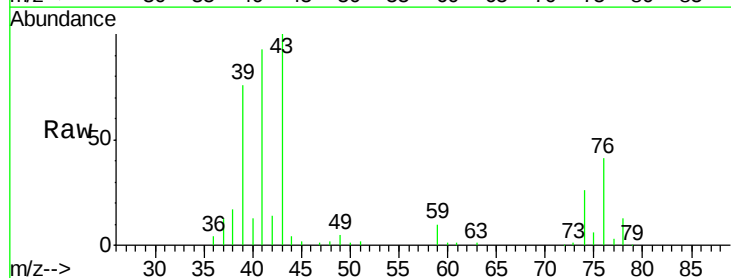
Manual Integrations
APPROVED

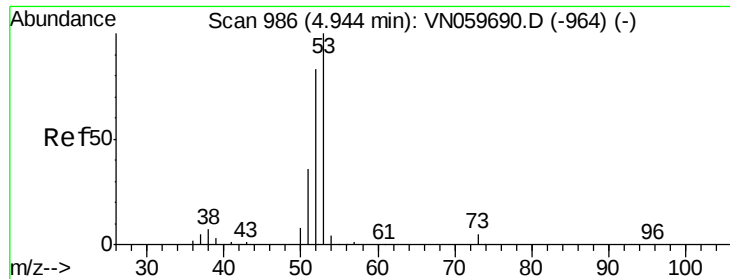
MMDadoda
2/3/2020 10:40:35 AM



#14
Allyl chloride
Concen: 52.687 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	41	Resp	121593
Ion Ratio	100	Lower	Upper
41	100		
39	85.0	57.8	86.8
76	44.2	25.4	38.0#





#15

Acrylonitrile

Concen: 277.300 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

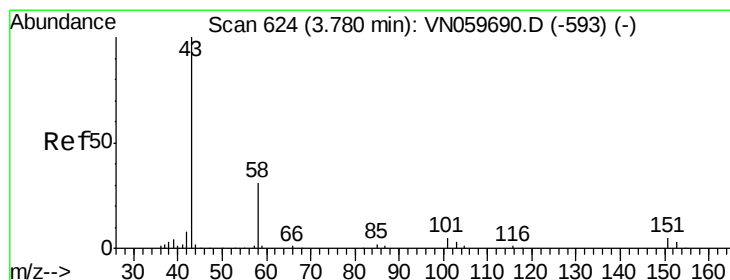
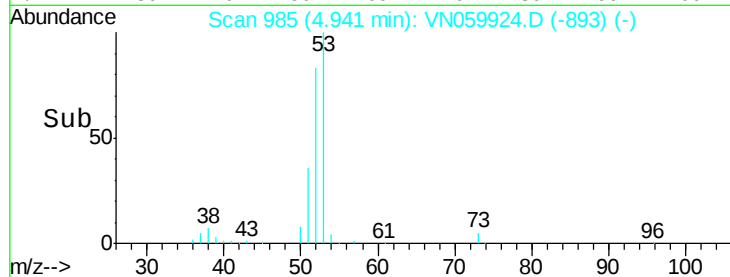
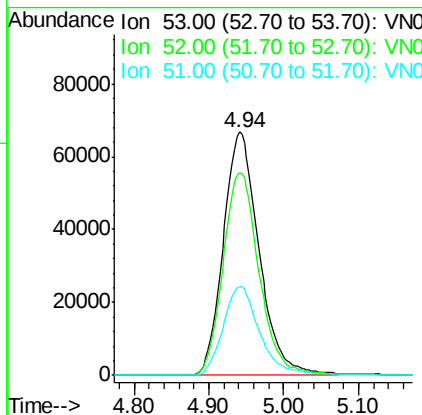
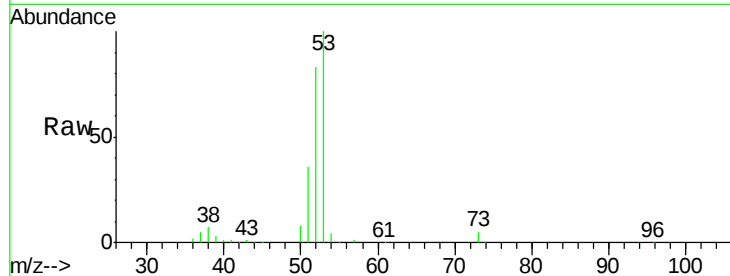
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	221311
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.3	99.5
51	37.4	29.7	44.5

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:40:35 AM



#16

Acetone

Concen: 344.982 ug/l

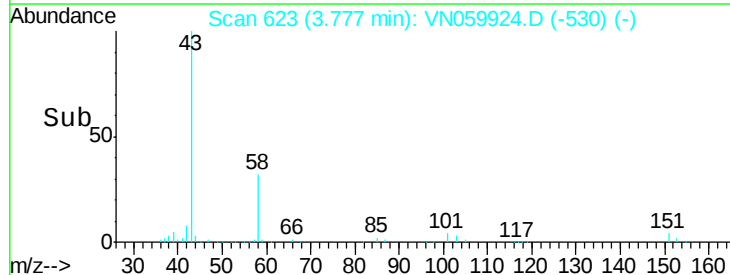
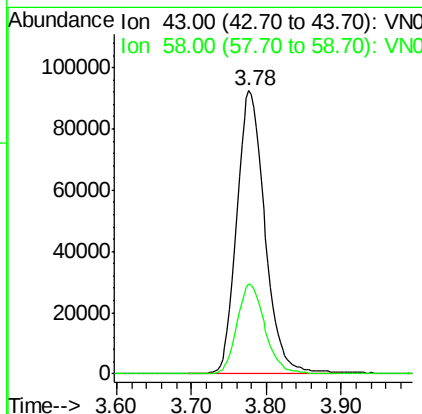
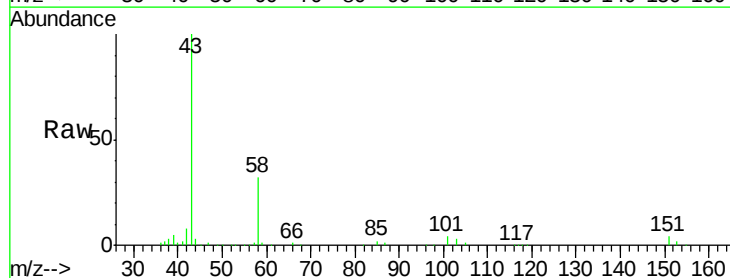
RT: 3.78 min Scan# 623

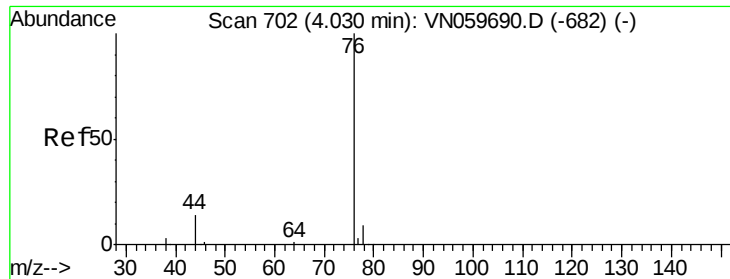
Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	43	Resp:	241847
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.6	35.4





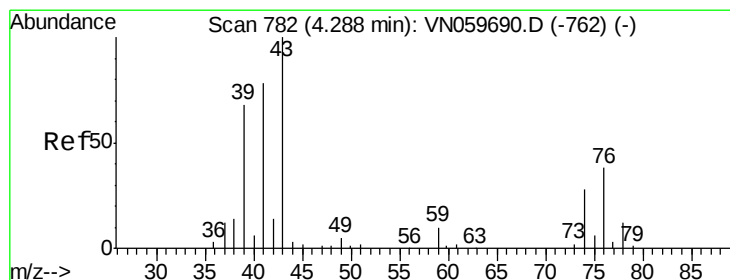
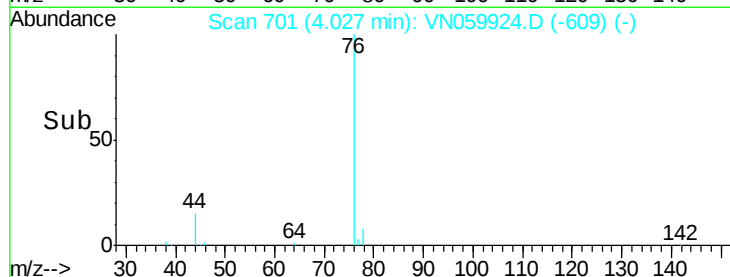
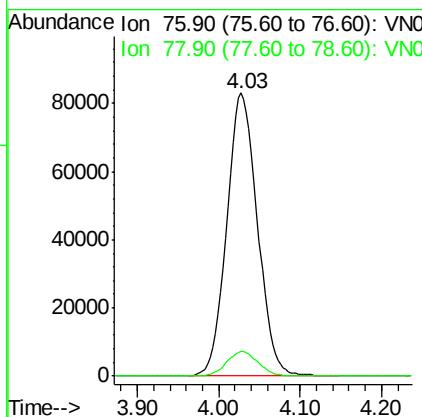
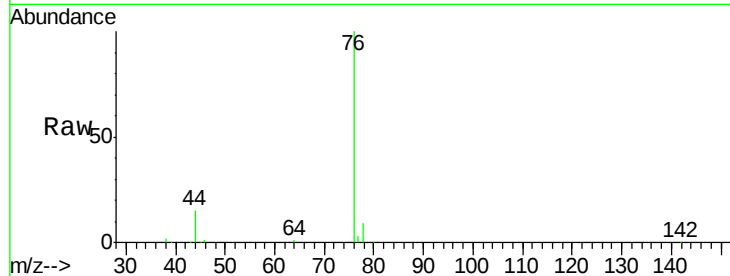
#17
Carbon Disulfide
Concen: 44.895 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	76	Resp	218975
Ion Ratio	Lower	Upper	
76	100		
78	8.6	7.4	11.0

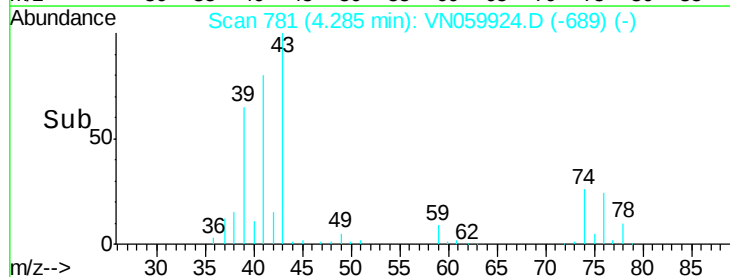
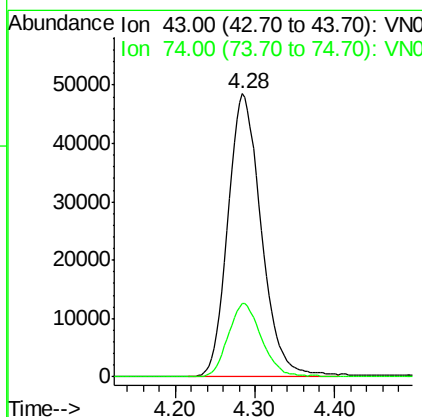
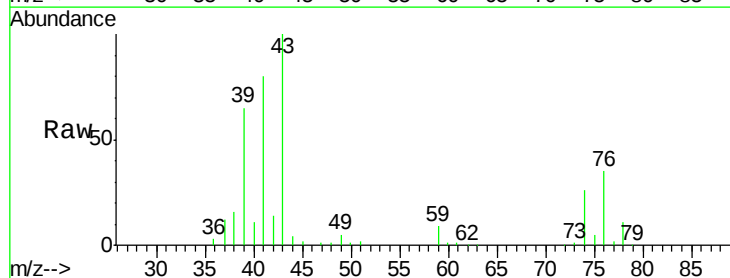
Manual Integrations
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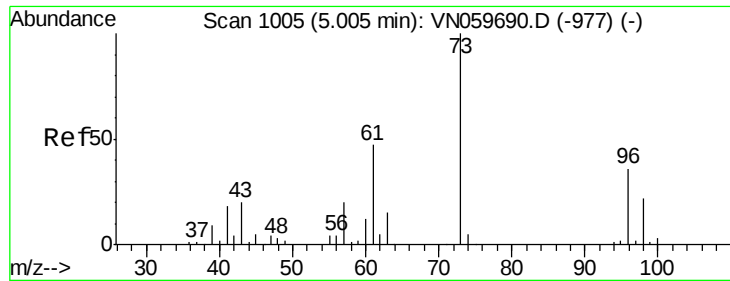
MMDadoda
2/3/2020 10:40:35 AM



#18
Methyl Acetate
Concen: 56.831 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	43	Resp	137964
Ion Ratio	Lower	Upper	
43	100		
74	25.7	17.5	26.3





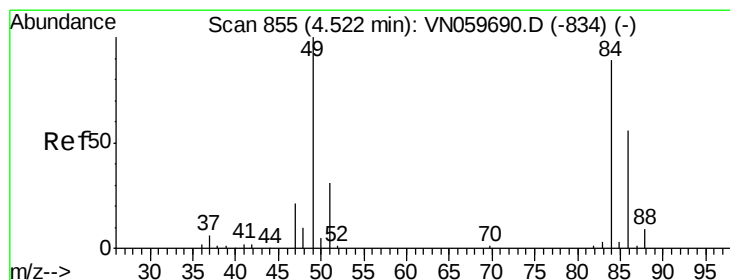
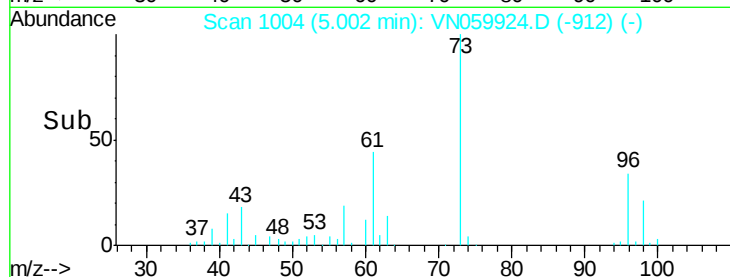
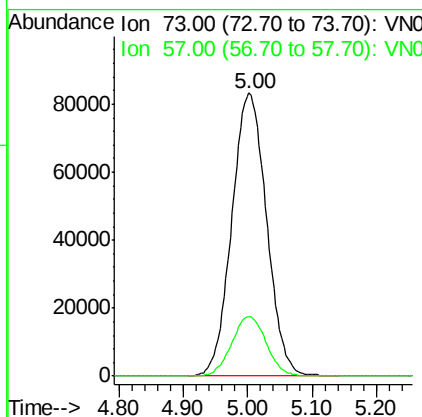
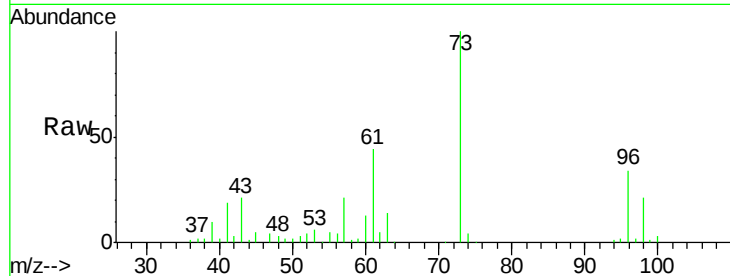
#19
Methvl tert-butvl Ether
Concen: 55.973 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 312472
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8

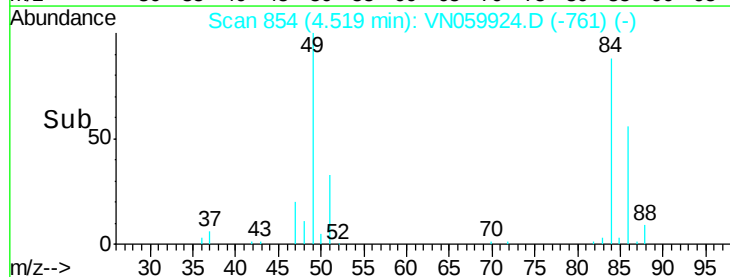
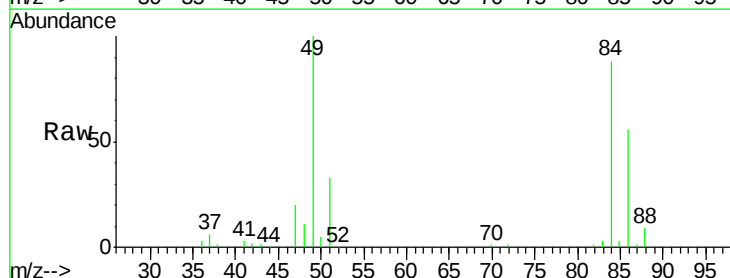
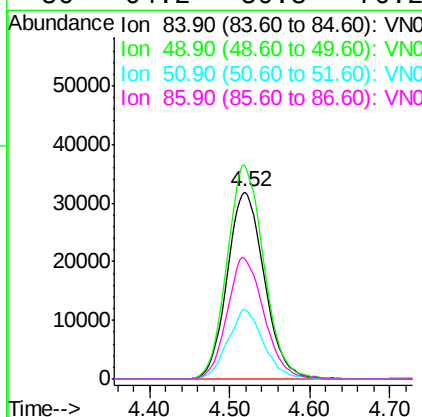
Manual Integrations
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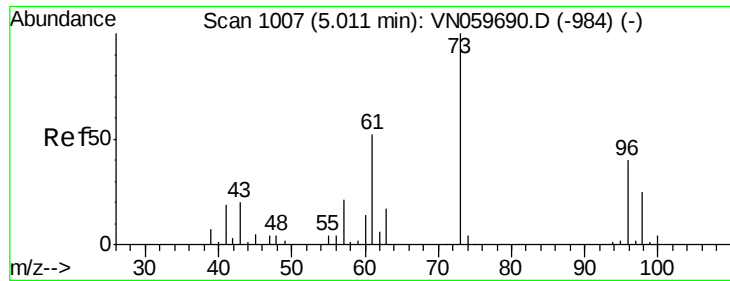
MMDadoda
2/3/2020 10:40:35 AM



#20
Methylene Chloride
Concen: 53.504 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 84 Resp: 100434
Ion Ratio Lower Upper
84 100
49 114.1 106.6 160.0
51 37.3 31.9 47.9
86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.712 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

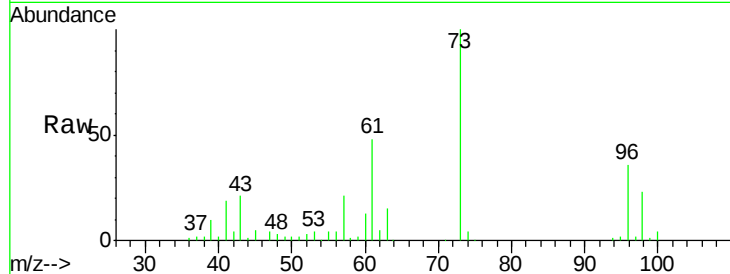
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	94118
Ion	Ratio	Lower	Upper
96	100		
61	133.2	120.4	180.6
98	63.4	50.6	75.8

Manual Integrations
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MMDadoda
2/3/2020 10:40:35 AM

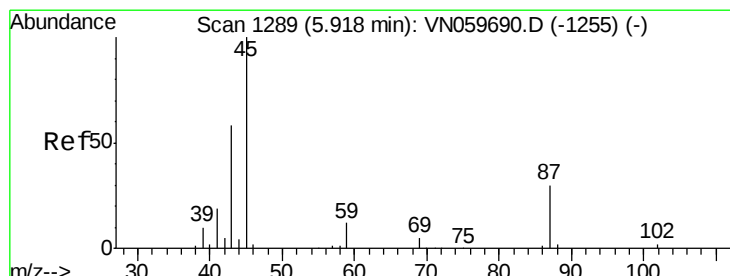
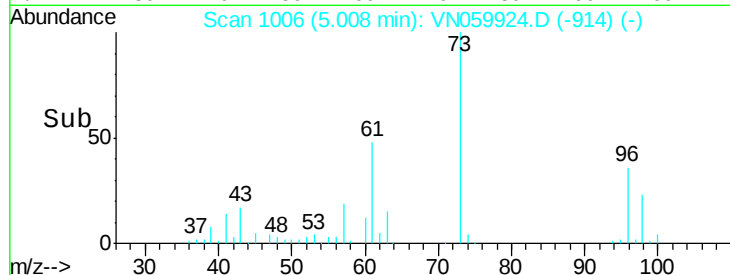
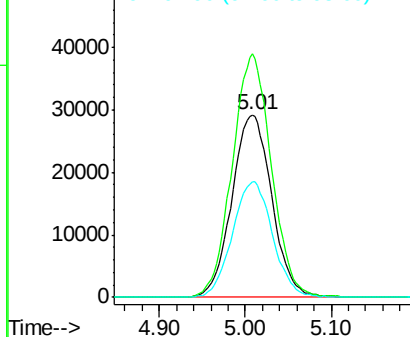


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 55.359 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	45	Resp:	289529
Ion	Ratio	Lower	Upper
45	100		
43	63.6	50.8	76.2
87	31.6	21.0	31.6#
59	12.8	9.1	13.7

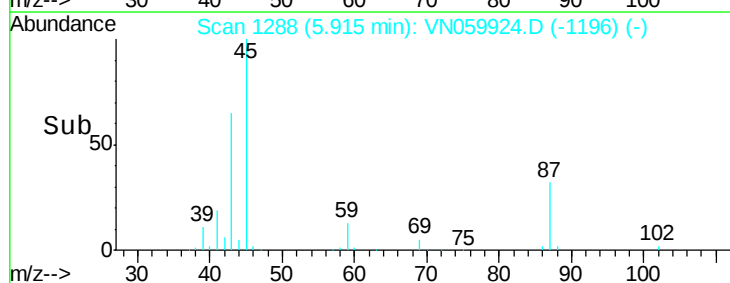
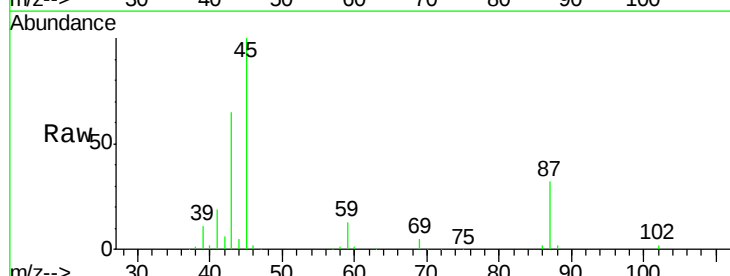
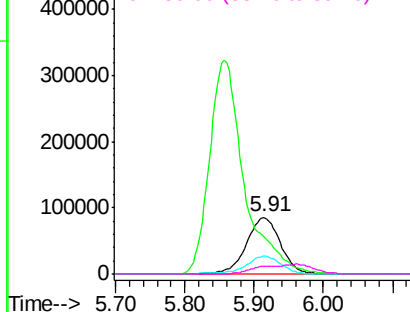
Abundance

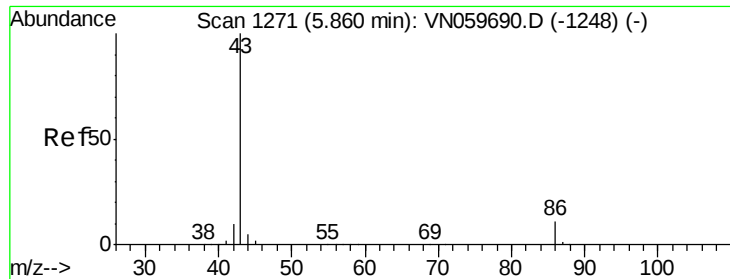
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





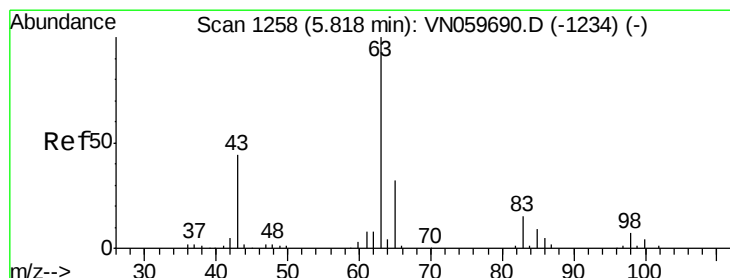
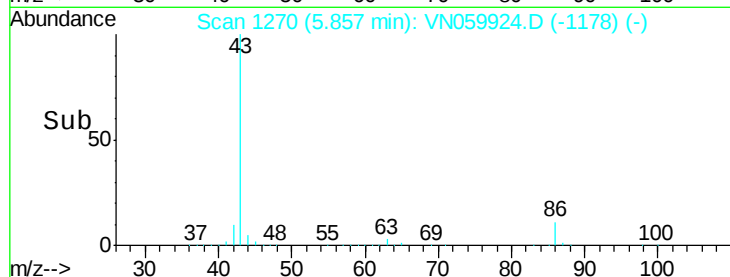
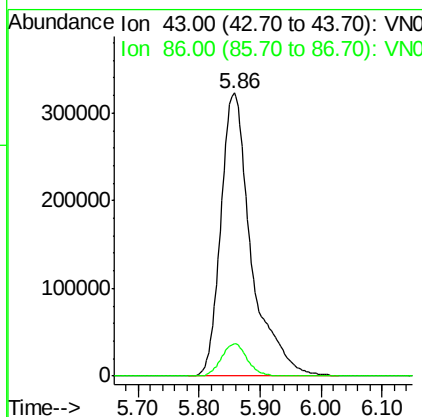
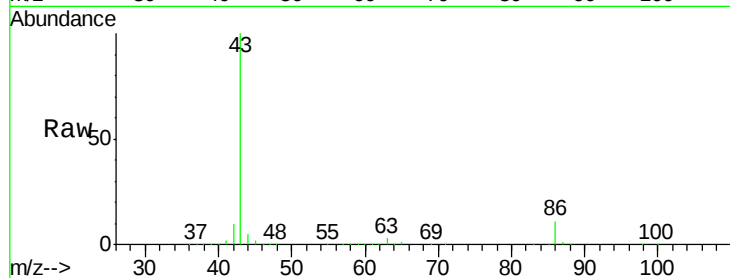
#23
 Vinyl Acetate
 Concen: 276.632 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1120170
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.6 11.4#

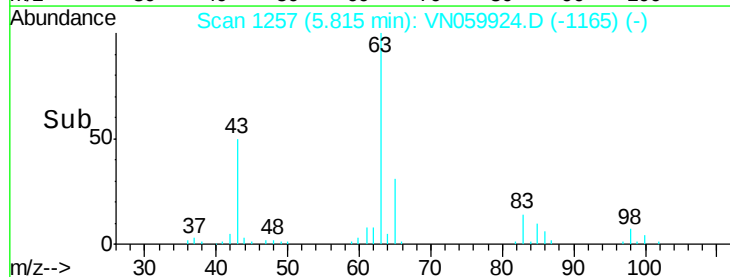
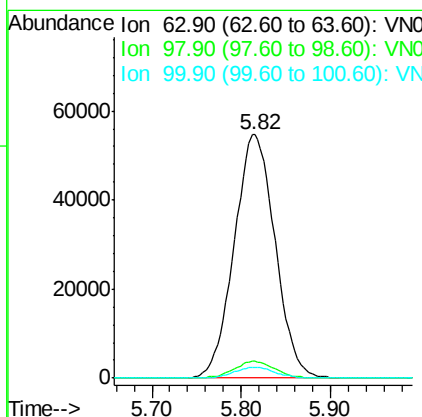
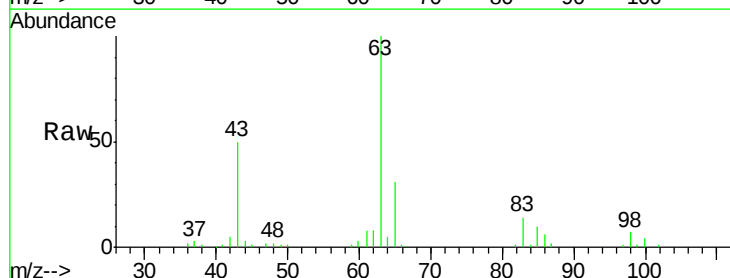
Manual Integrations
 APPROVED

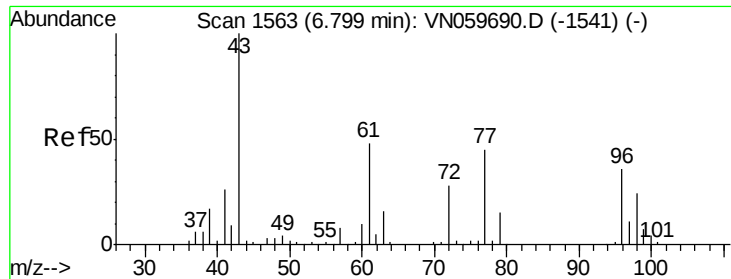
MMDadoda
 2/3/2020 10:40:35 AM



#24
 1,1-Dichloroethane
 Concen: 54.381 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion: 63 Resp: 173785
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.7
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 269.997 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tot Ion: 43 Resp: 317771

Ion Ratio Lower Upper

43 100

72 29.3 19.9 29.9

Instrument :

MSVOA_N

ClientSampled :

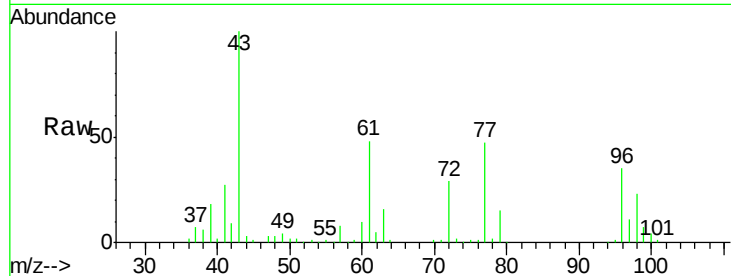
VSTDCCC050

Manual Integrations

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MMDadoda

2/3/2020 10:40:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VN059924.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN059924.D (-1470) (-)

120000

100000

80000

60000

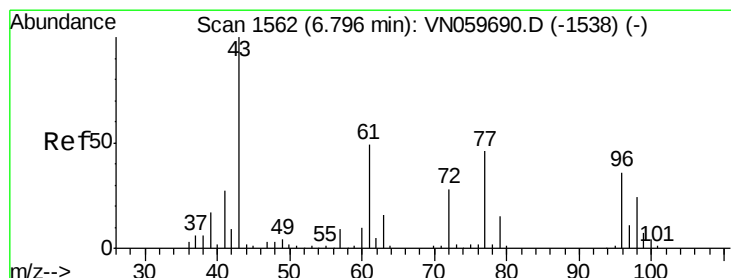
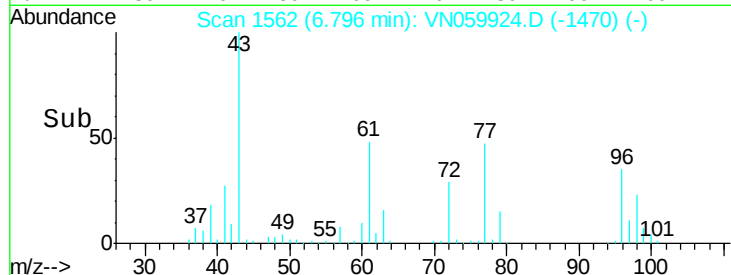
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 54.612 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059924.D

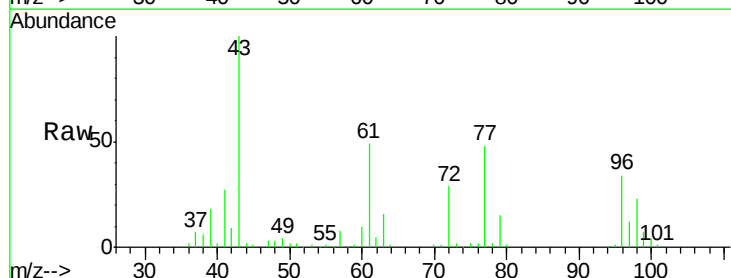
Acq: 30 Jan 2020 13:07

Tgt Ion: 77 Resp: 167781

Ion Ratio Lower Upper

77 100

97 23.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059924.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059924.D (-1469) (-)

60000

50000

40000

30000

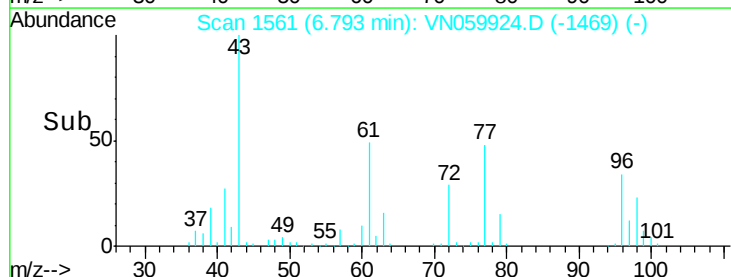
20000

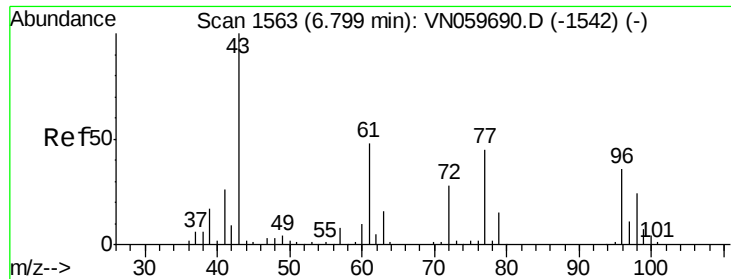
10000

0

6.70 6.80 6.90

Time-->





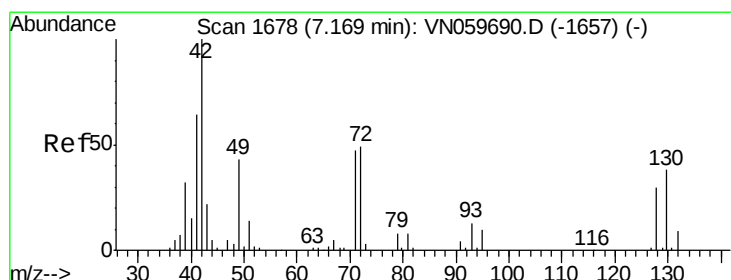
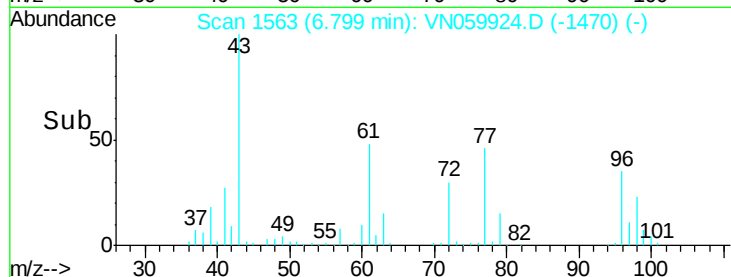
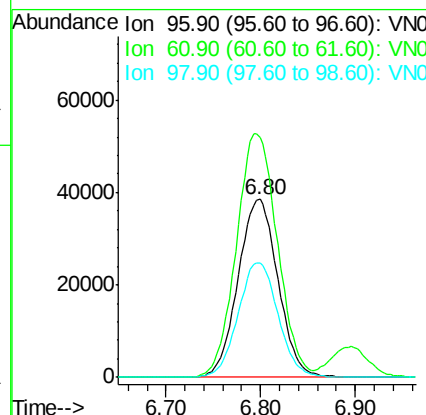
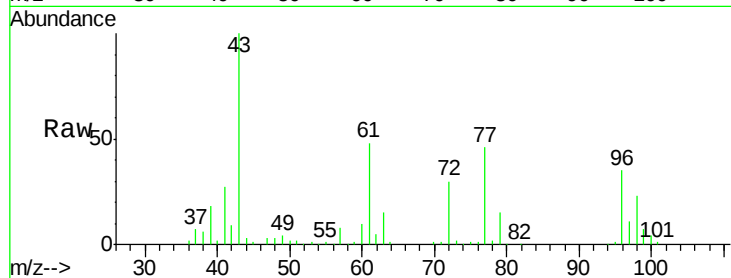
#27
 cis-1,2-Dichloroethene
 Concen: 53.871 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.5	0.0	317.6	
98	64.6	0.0	127.0	

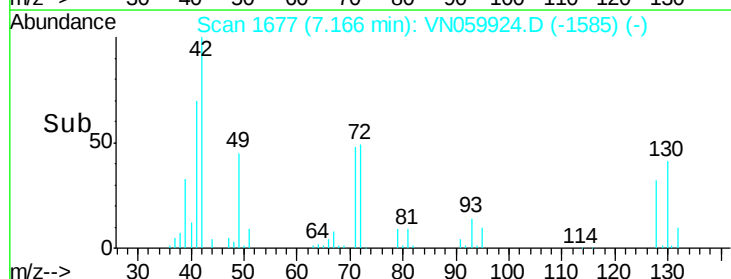
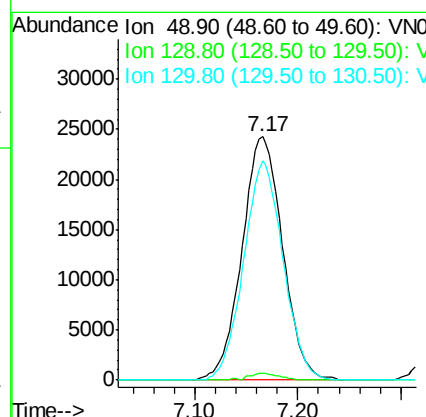
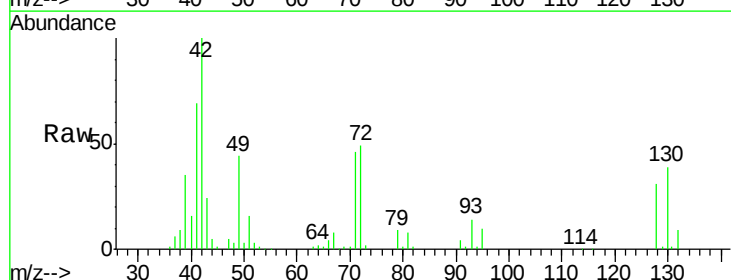
Manual Integrations
 APPROVED

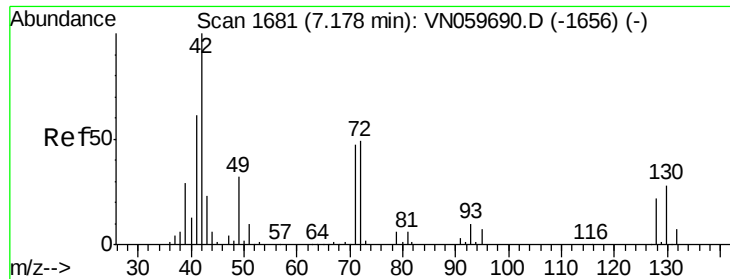
MMDadoda
 2/3/2020 10:40:35 AM



#28
 Bromochloromethane
 Concen: 52.080 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.4	
130	87.3	54.7	82.1#	





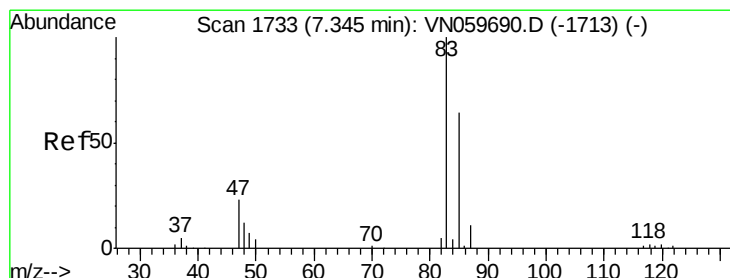
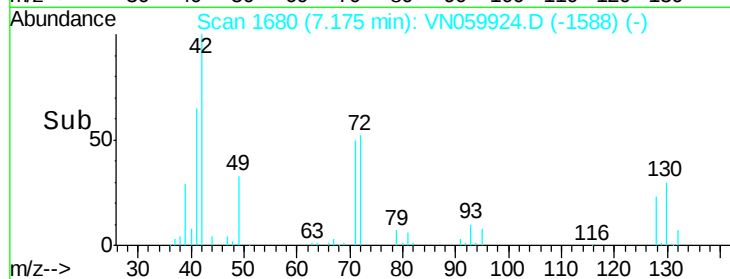
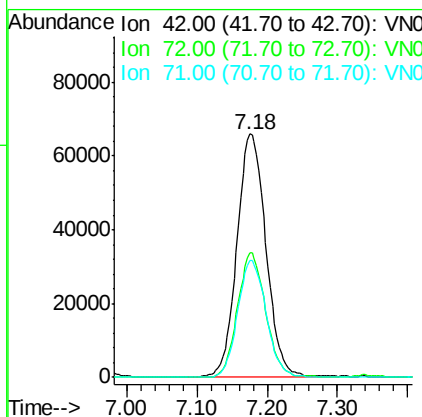
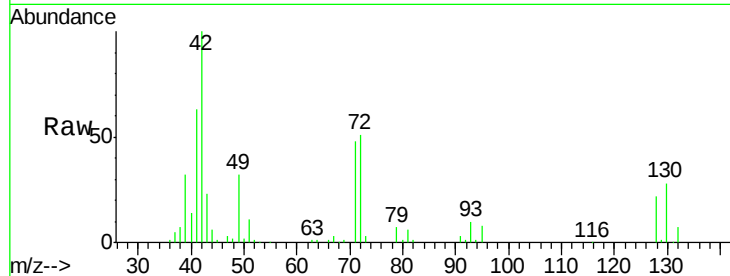
#29
Tetrahydrofuran
Concen: 261.024 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	33.1	49.7
71	46.7	31.4	47.0

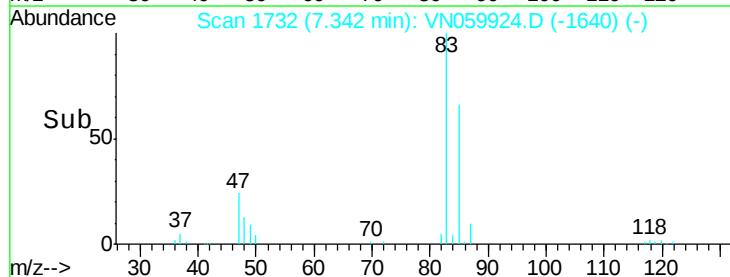
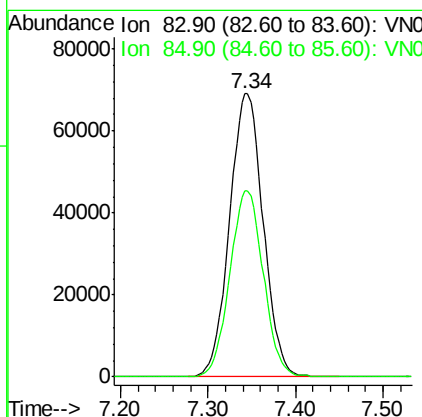
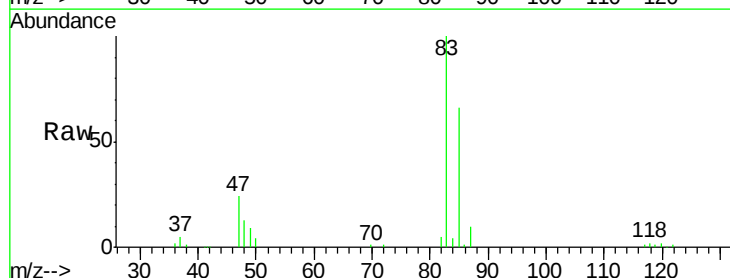
Manual Integrations
APPROVED

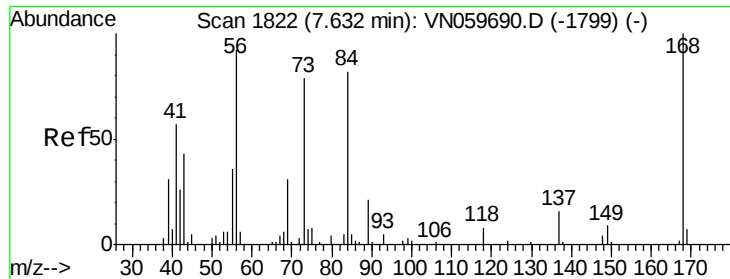
MMDadoda
2/3/2020 10:40:35 AM



#30
Chloroform
Concen: 55.673 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





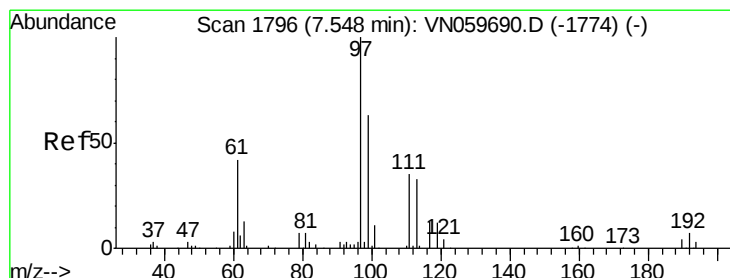
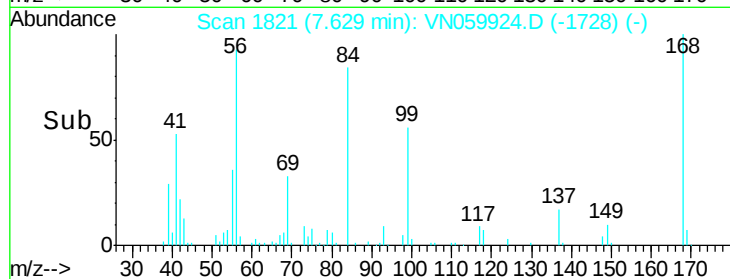
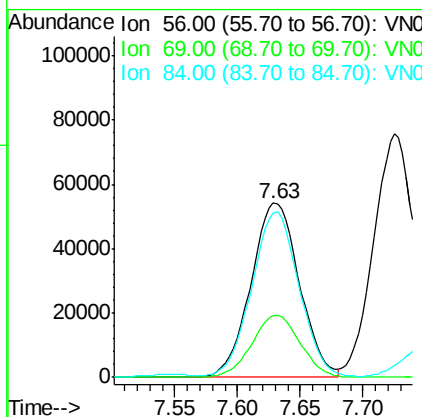
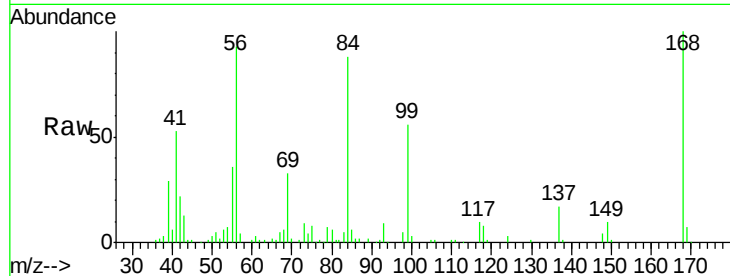
#31
Cyclohexane
Concen: 47.377 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.4	26.5	39.7
84	93.0	65.3	97.9

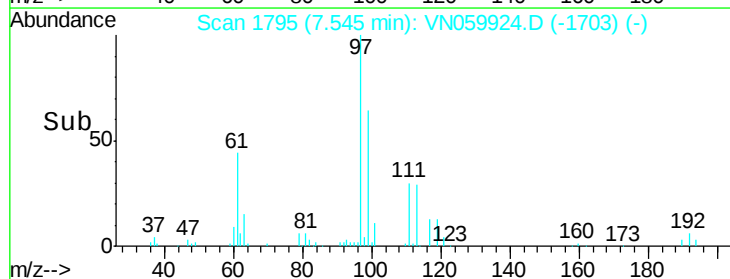
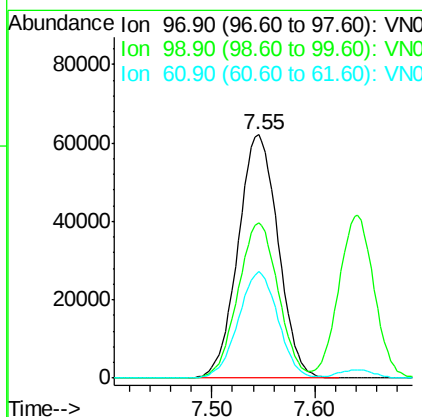
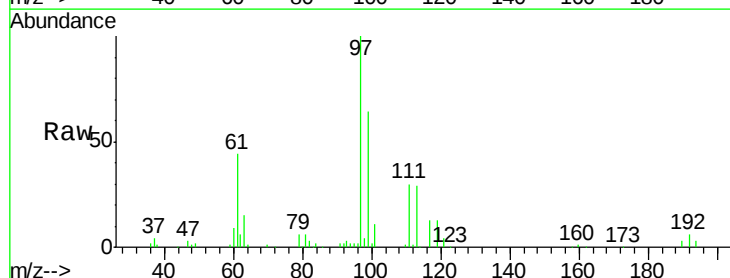
Manual Integrations
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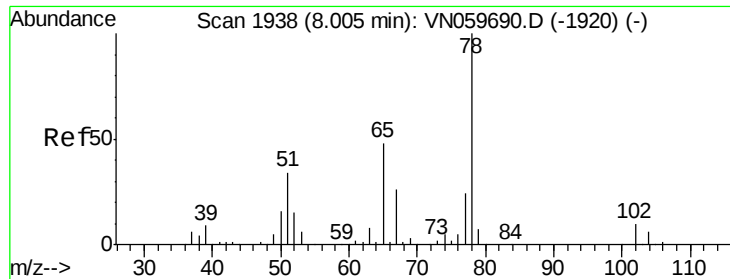
MMDadoda
2/3/2020 10:40:35 AM



#32
1,1,1-Trichloroethane
Concen: 54.723 ug/l
RT: 7.55 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	43.4	38.5	57.7





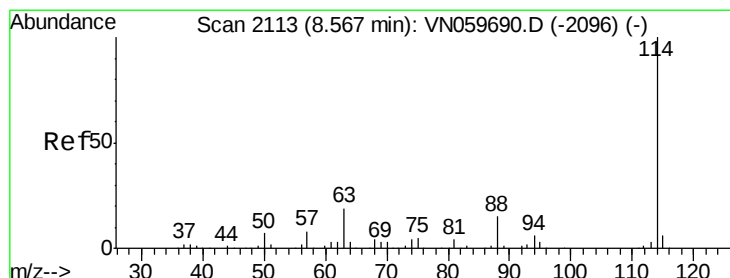
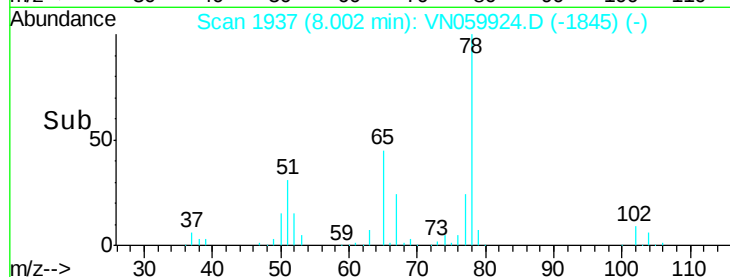
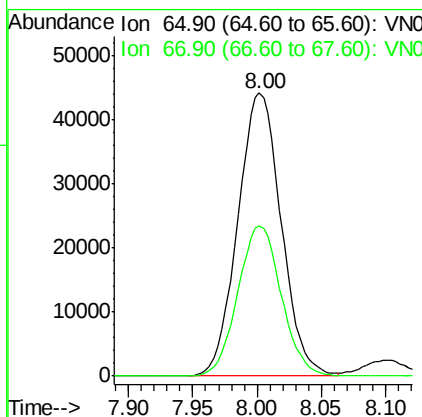
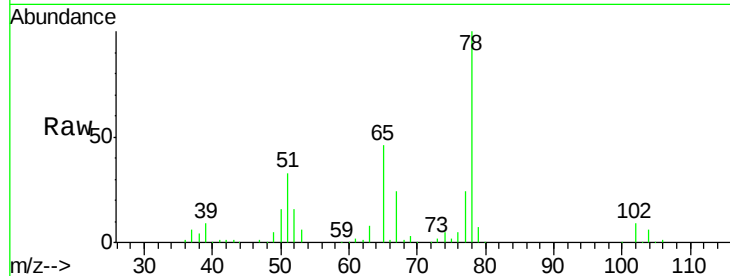
#33
 1,2-Dichloroethane-d4
 Concen: 49.902 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	103713		
67	53.1	0.0	103.0	

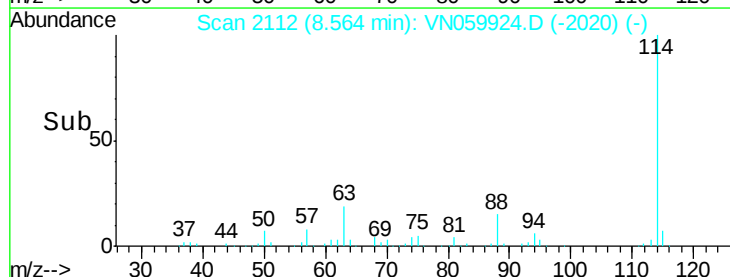
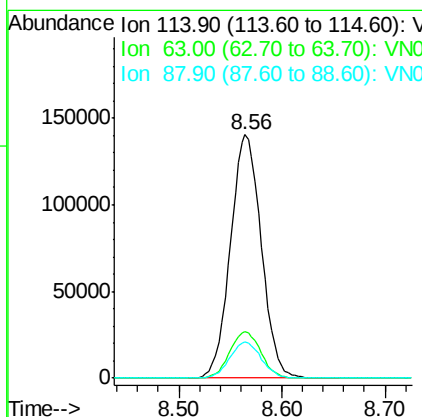
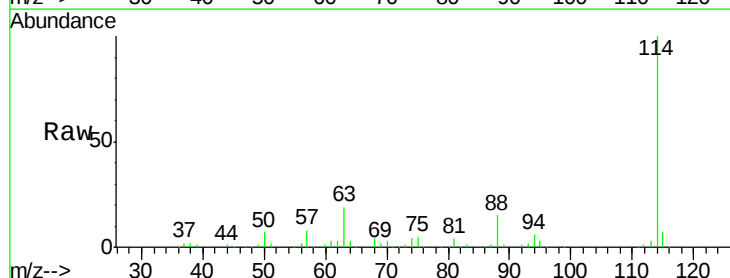
Manual Integrations
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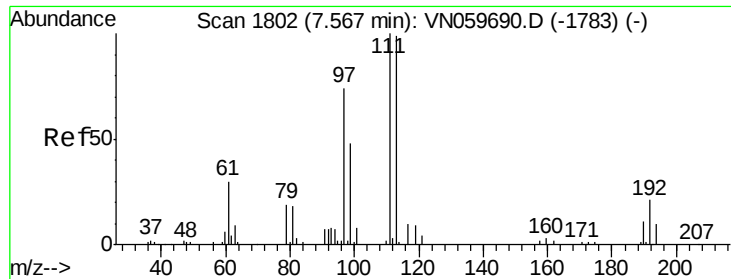
MMDadoda
 2/3/2020 10:40:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	292155		
63	18.9	0.0	43.6	
88	15.0	0.0	31.4	





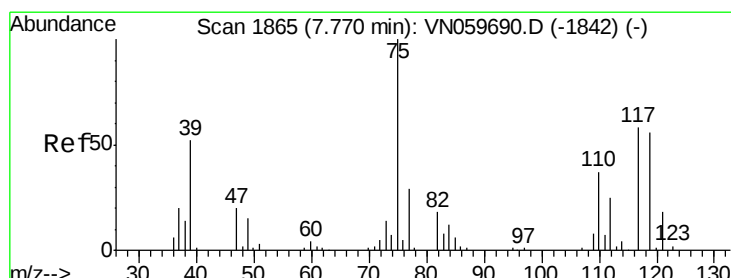
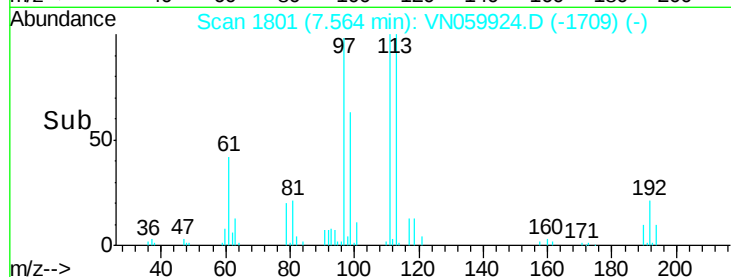
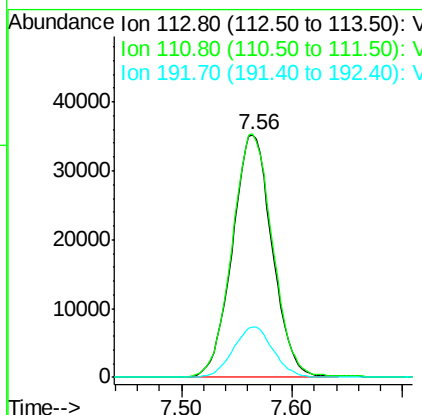
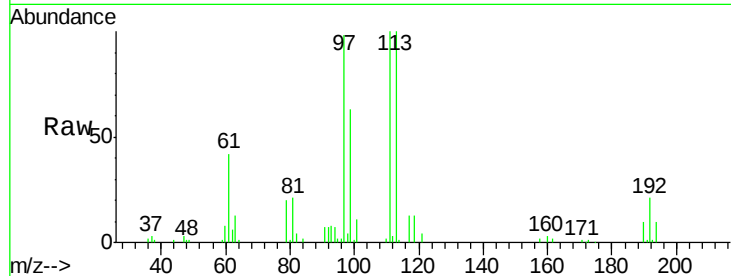
#35
 Dibromofluoromethane
 Concen: 50.494 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87973		
111	102.2		83.5	125.3
192	20.8		15.4	23.2

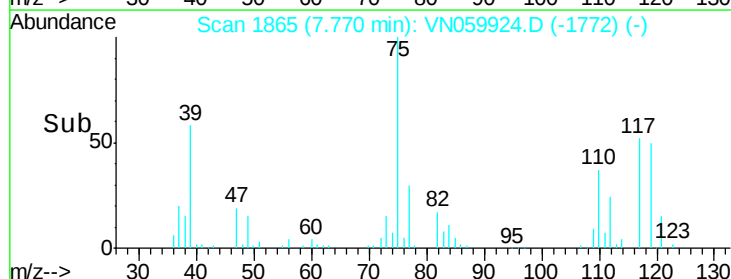
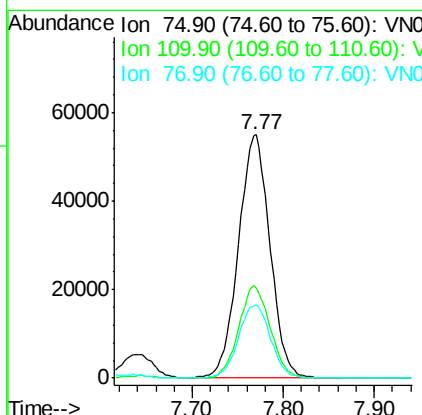
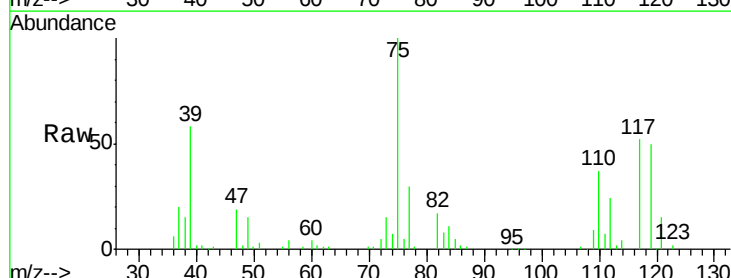
Manual Integrations
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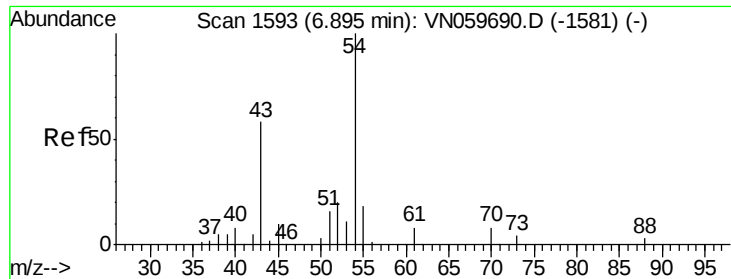
MMDadoda
 2/3/2020 10:40:35 AM



#36
 1,1-Dichloropropene
 Concen: 52.018 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132343		
110	37.4		16.6	49.7
77	30.6		25.1	37.7





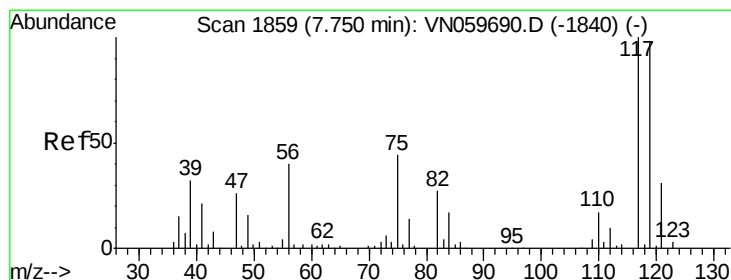
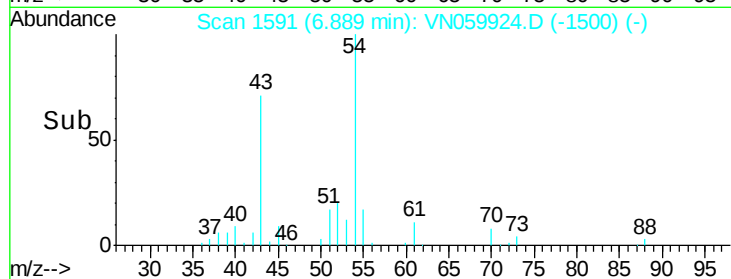
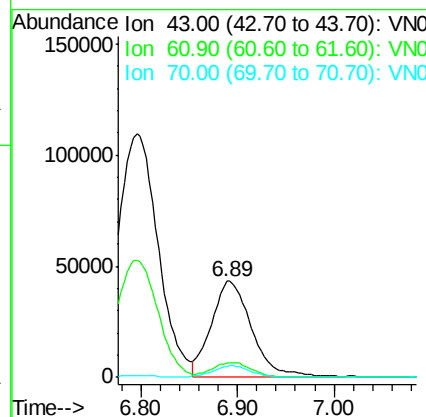
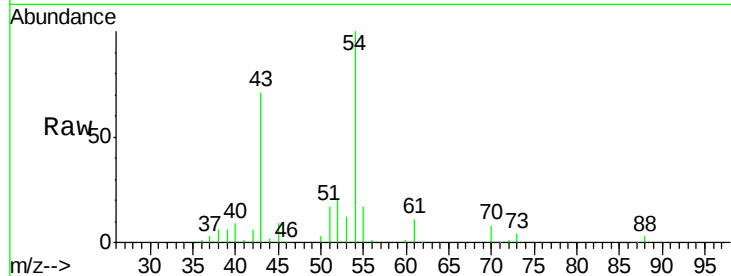
#37
Ethyl Acetate
Concen: 51.775 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.9	16.3
70	11.5	7.7	11.5

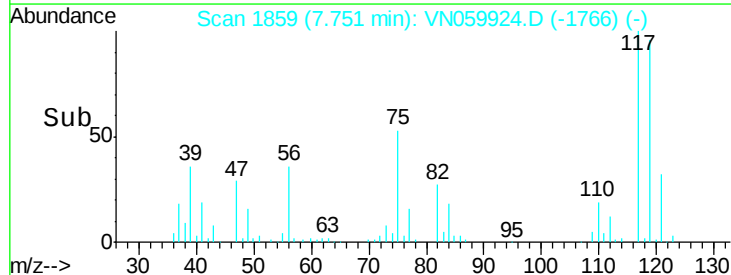
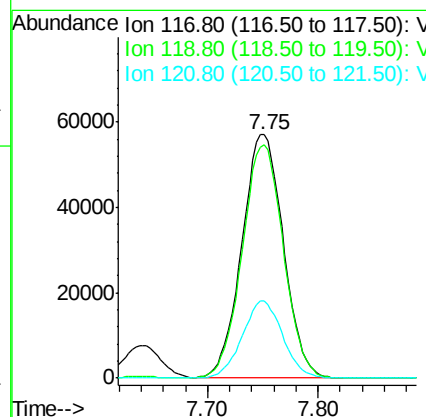
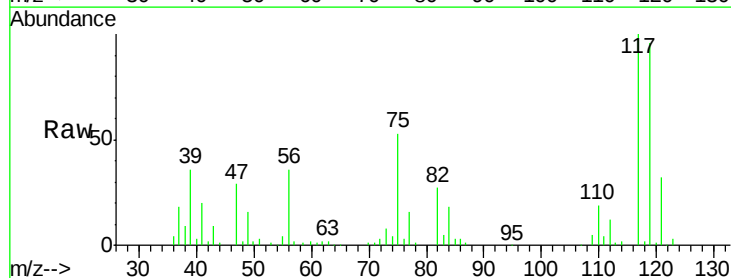
Manual Integrations
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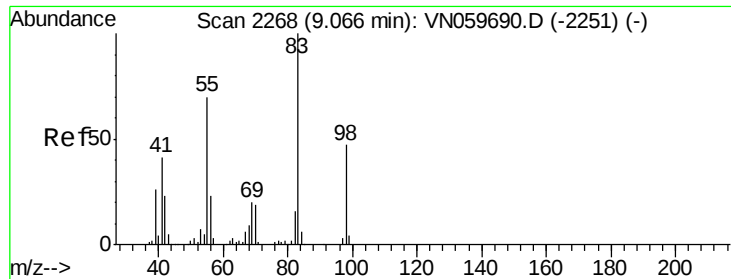
MMDadoda
2/3/2020 10:40:35 AM



#38
Carbon Tetrachloride
Concen: 53.783 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
121	31.8	25.1	37.7





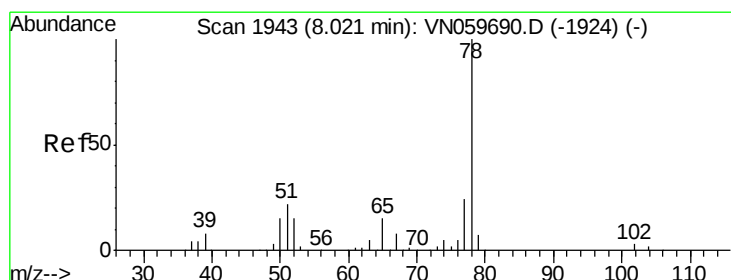
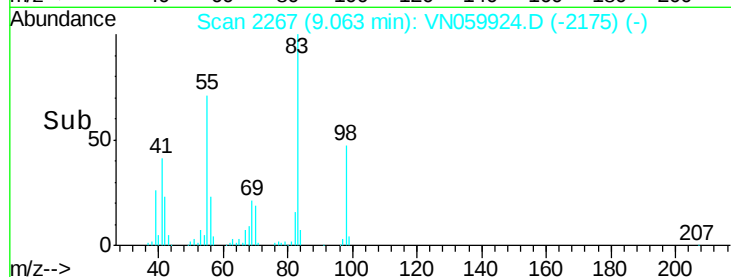
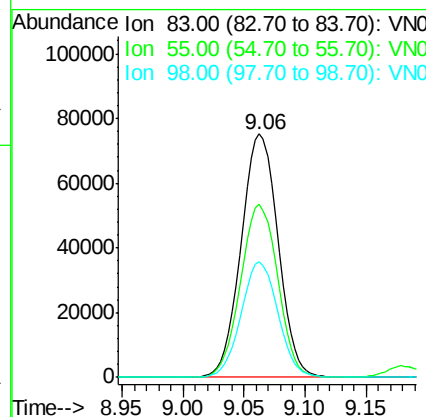
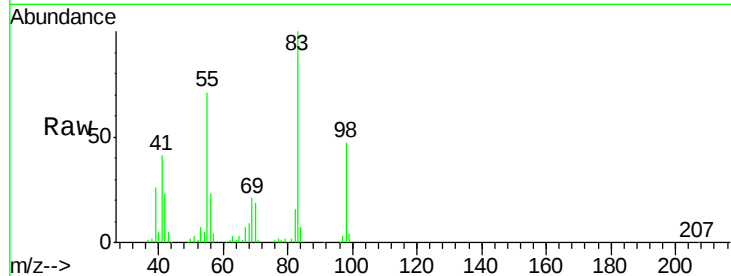
#39
Methvlcvclohexane
Concen: 50.327 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	64.2	96.2
98	47.4	35.9	53.9

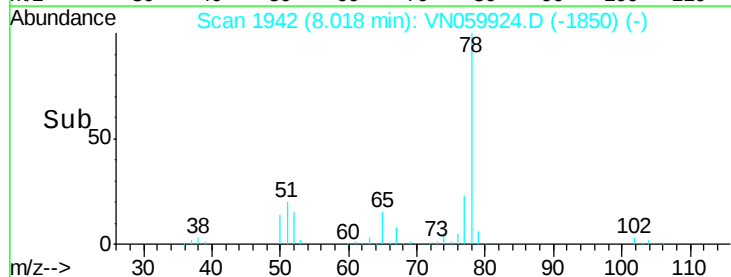
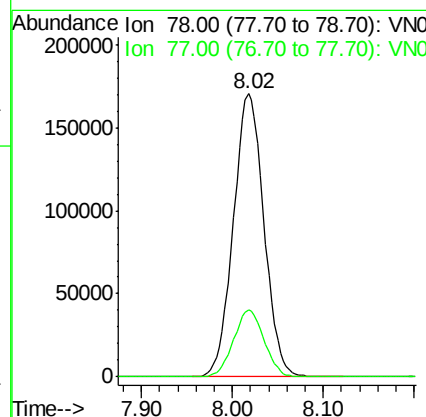
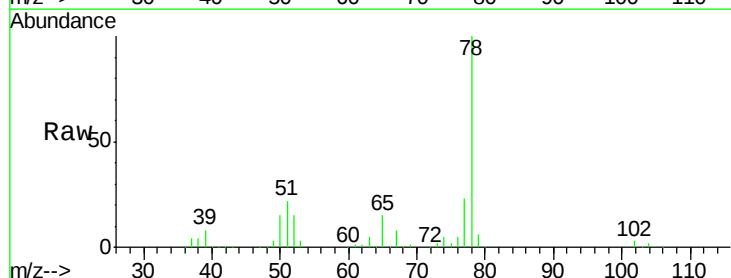
Manual Integrations
APPROVED

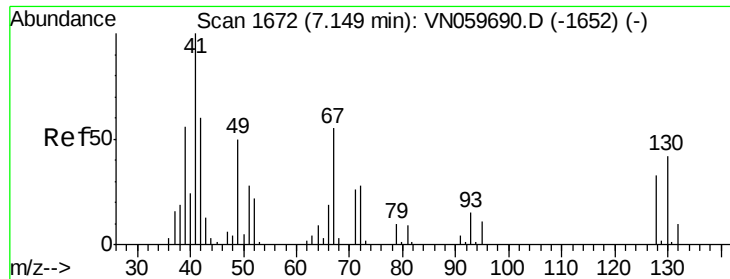
MMDadoda
2/3/2020 10:40:35 AM



#40
Benzene
Concen: 52.417 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





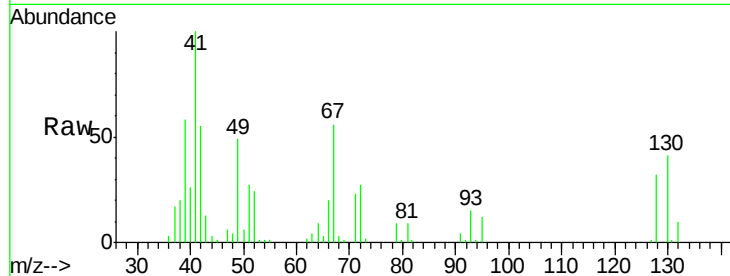
#41
Methacrylonitrile
Concen: 47.210 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:40:35 AM

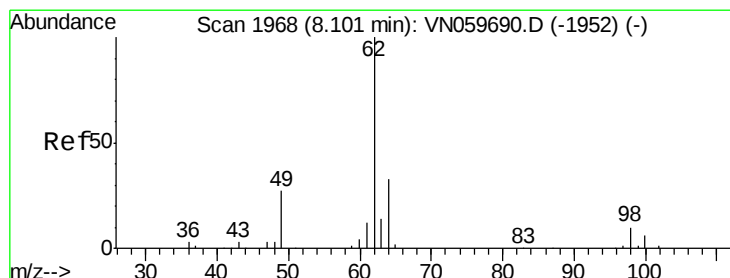
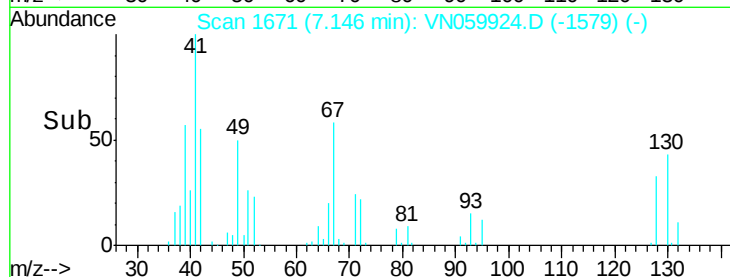
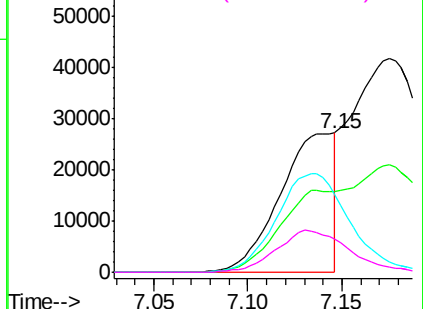


Abundance Ion 41.00 (40.70 to 41.70): VN059924.D (-1579) (-)

Ion 39.00 (38.70 to 39.70): VN059924.D (-1579) (-)

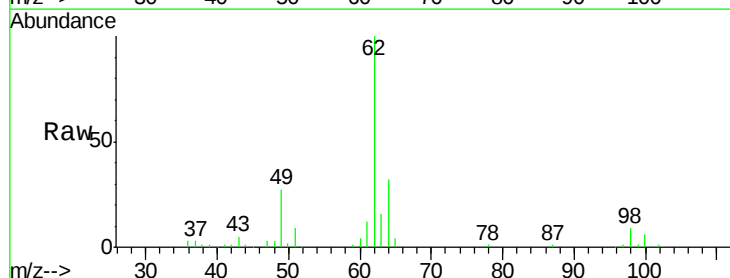
Ion 67.00 (66.70 to 67.70): VN059924.D (-1579) (-)

Ion 52.00 (51.70 to 52.70): VN059924.D (-1579) (-)



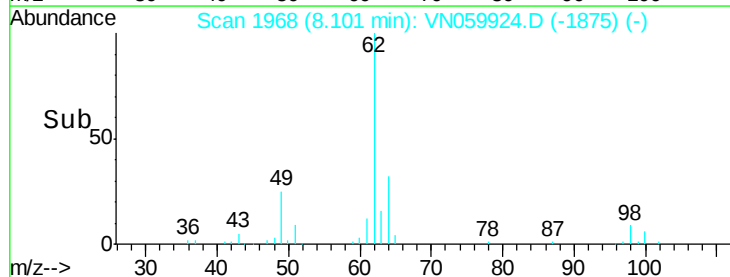
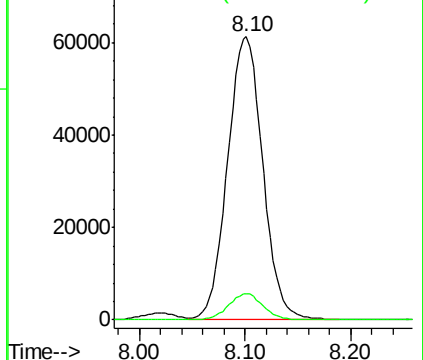
#42
1,2-Dichloroethane
Concen: 55.258 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

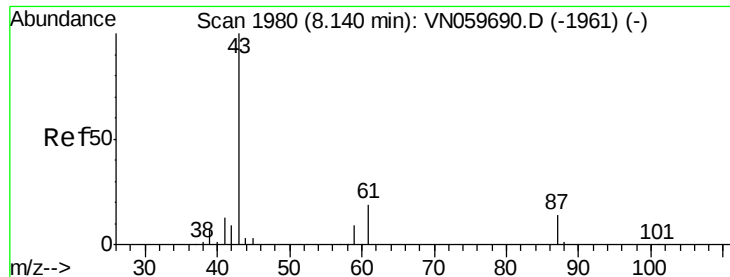
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN059924.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN059924.D (-1875) (-)





#43

Isopropyl Acetate

Concen: 53.202 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

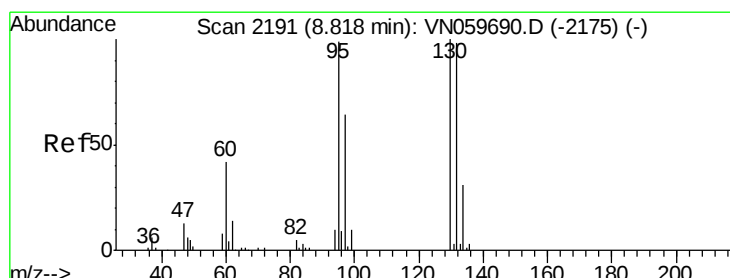
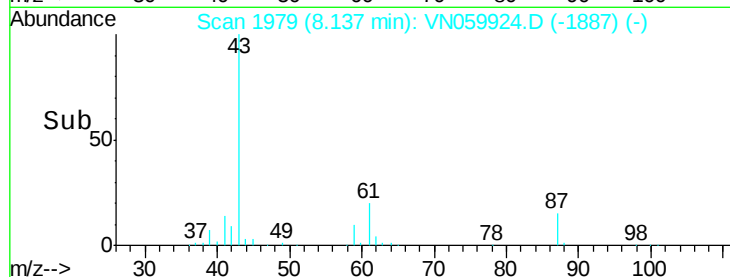
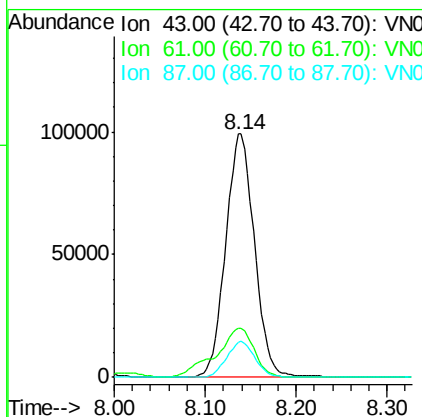
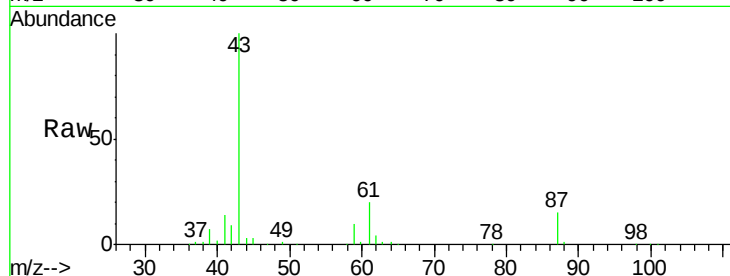
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	218364
Ion	Ratio	Lower	Upper
43	100		
61	26.9	20.2	30.2
87	14.5	9.5	14.3#

Manual Integrations
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#44

Trichloroethene

Concen: 55.344 ug/l

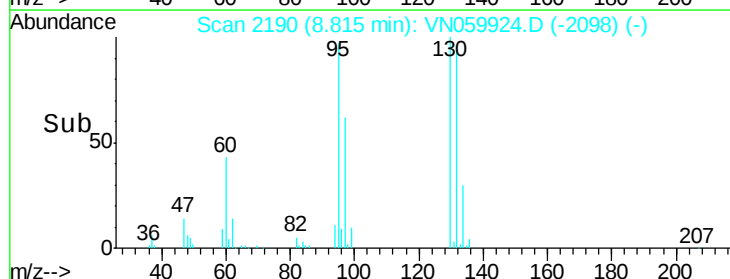
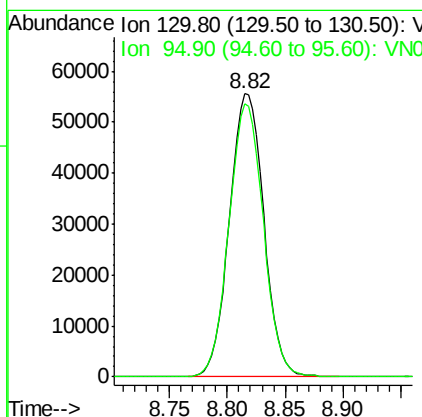
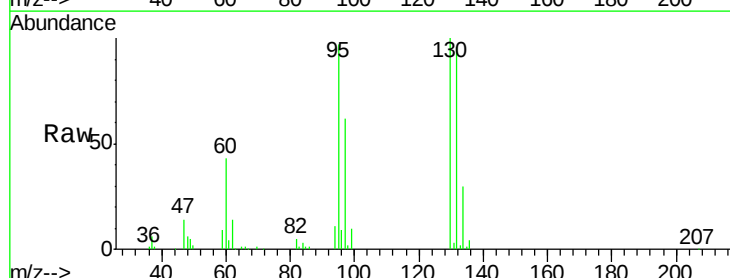
RT: 8.82 min Scan# 2190

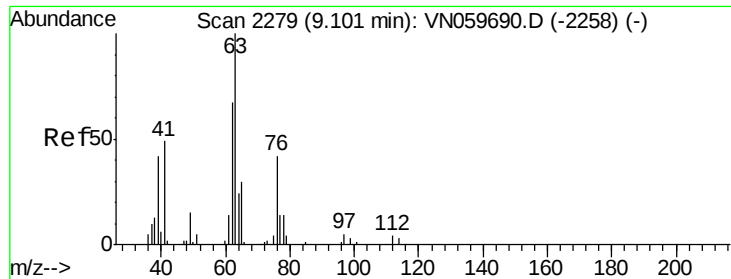
Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	130	Resp:	114638
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	207.0





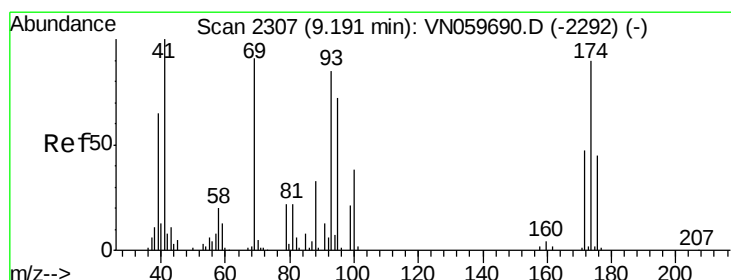
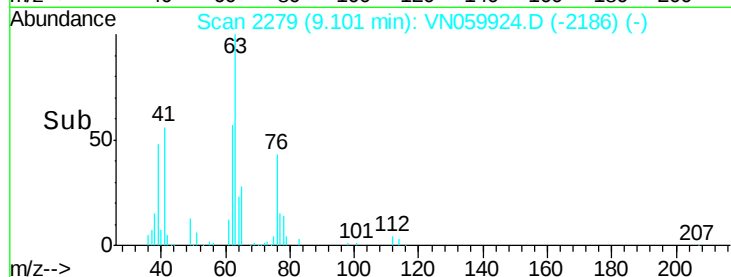
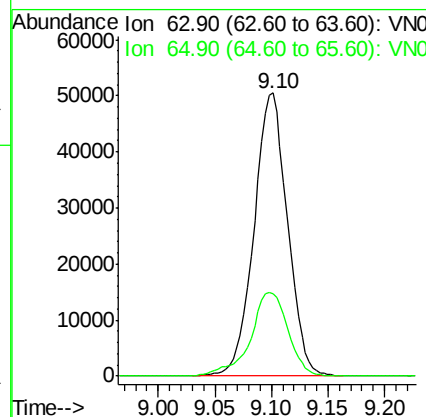
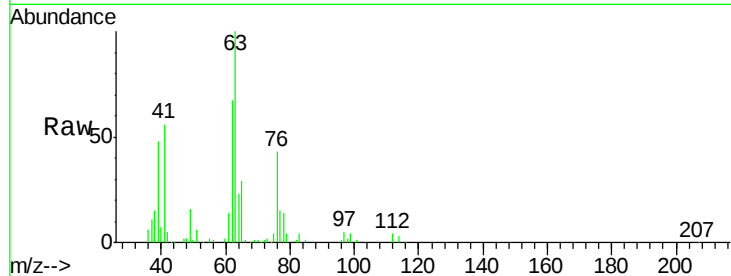
#45
 1,2-Dichloropropane
 Concen: 55.392 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	24.9	37.3

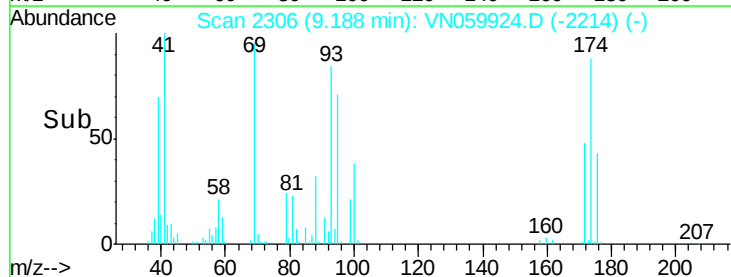
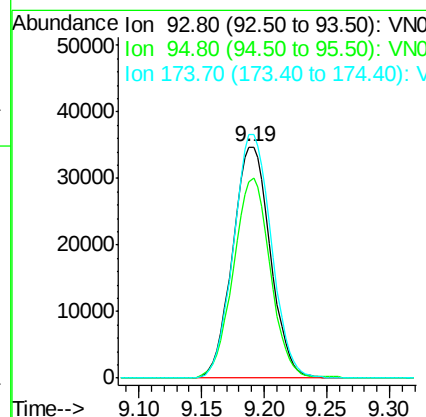
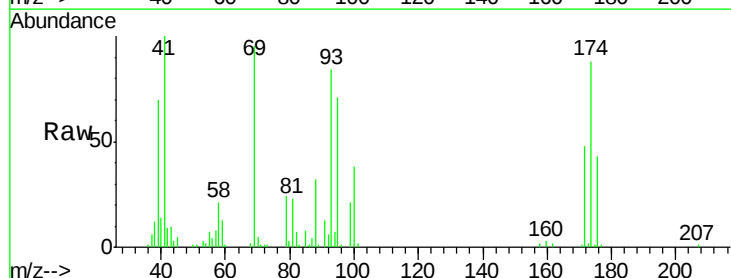
Manual Integrations
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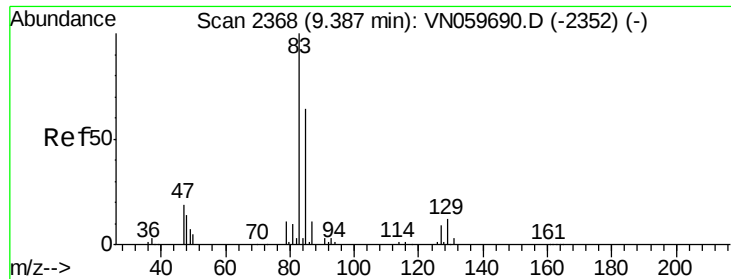
MMDadoda
 2/3/2020 10:40:35 AM



#46
 Dibromomethane
 Concen: 54.786 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.0	100.6
174	105.6	73.4	110.2





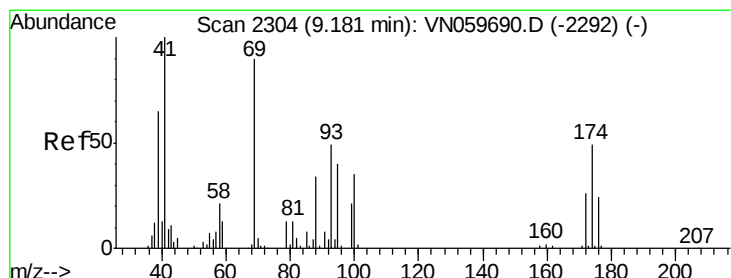
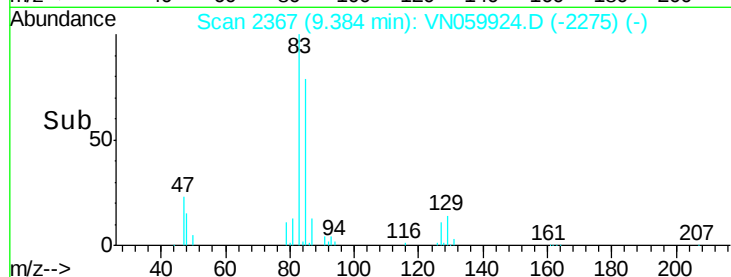
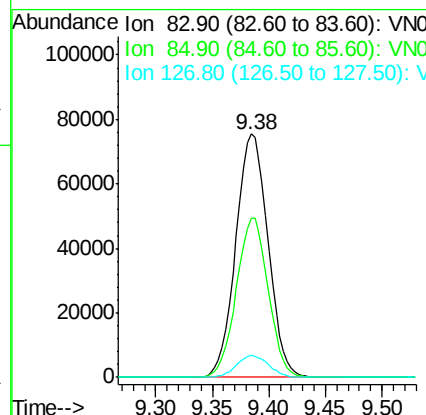
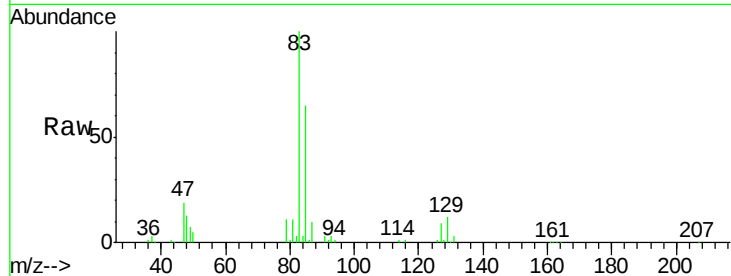
#47
Bromodichloromethane
Concen: 56.249 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.4	51.1	76.7	
127	9.0	6.6	9.8	

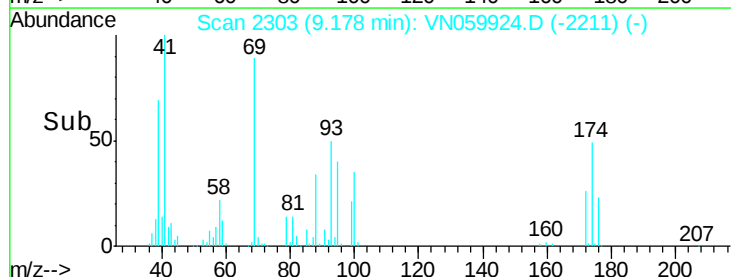
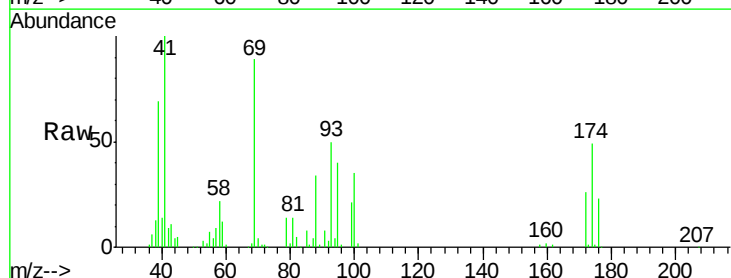
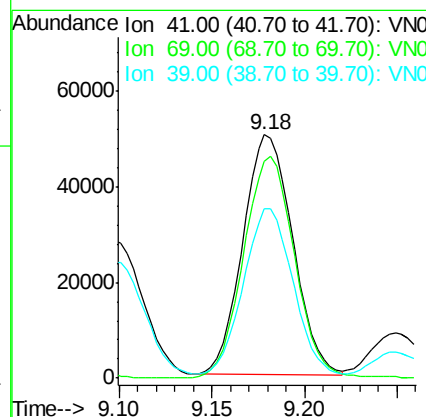
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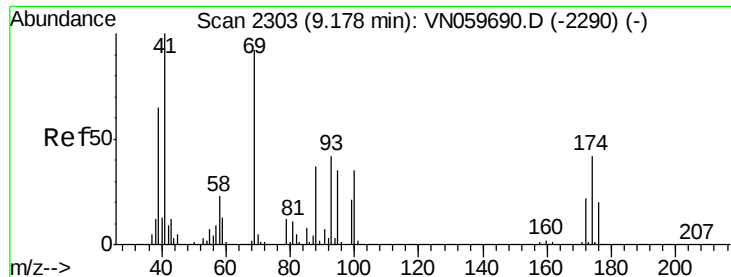
MMDadoda
2/3/2020 10:40:35 AM



#48
Methyl methacrylate
Concen: 51.252 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	94.4	64.4	96.6	
39	71.7	51.3	76.9	





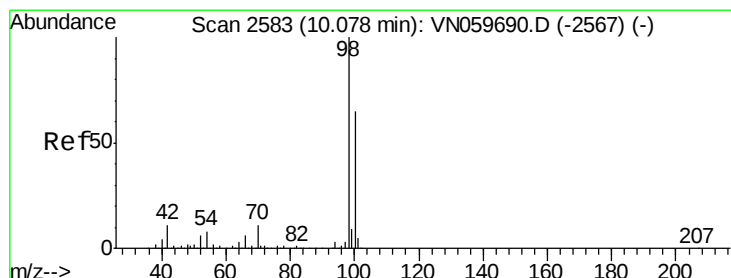
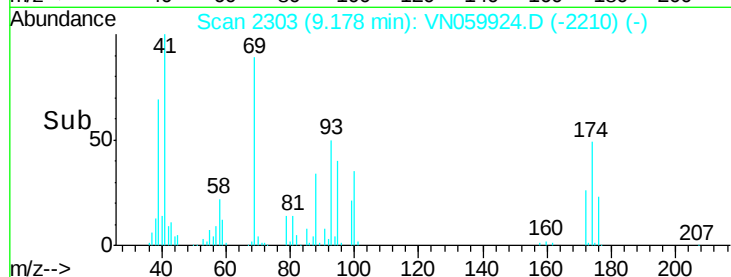
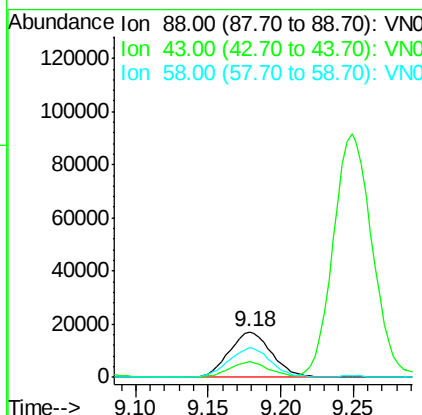
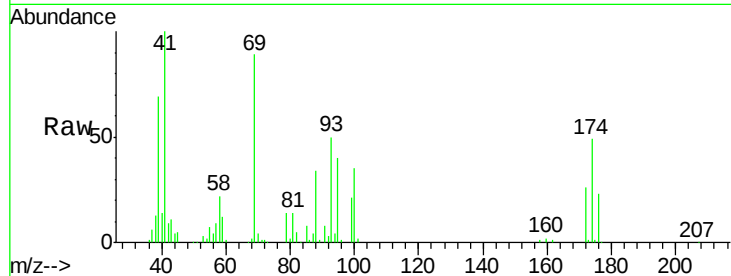
#49
1,4-Dioxane
Concen: 1035.092 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	34788
Ion Ratio	Lower	Upper	
88	100		
43	31.8	29.7	44.5
58	64.6	56.6	85.0

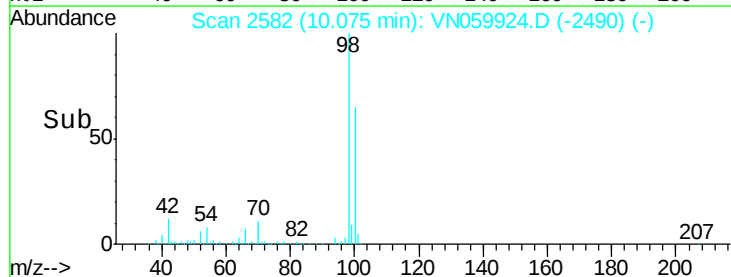
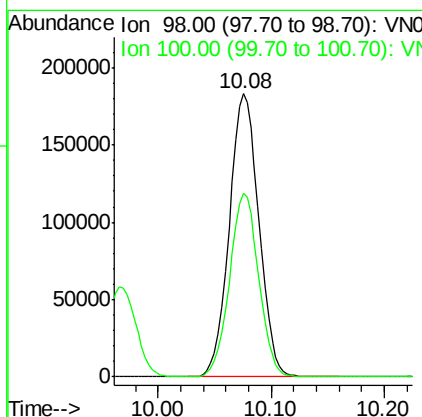
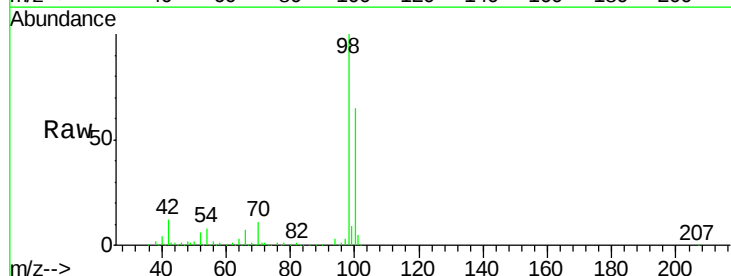
Manual Integrations
APPROVED

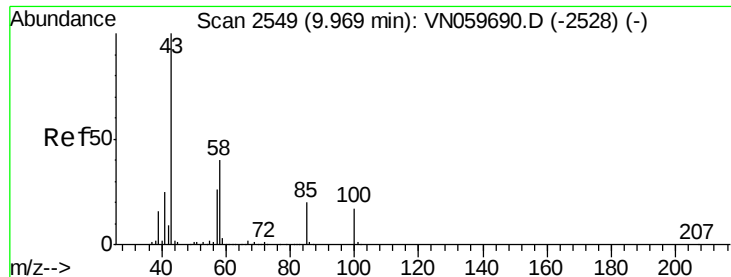
MMDadoda
2/3/2020 10:40:35 AM



#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	98	Resp	332521
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 270.430 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 641631

Ion Ratio Lower Upper

43 100

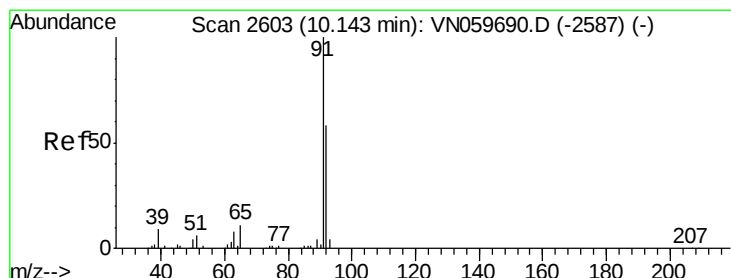
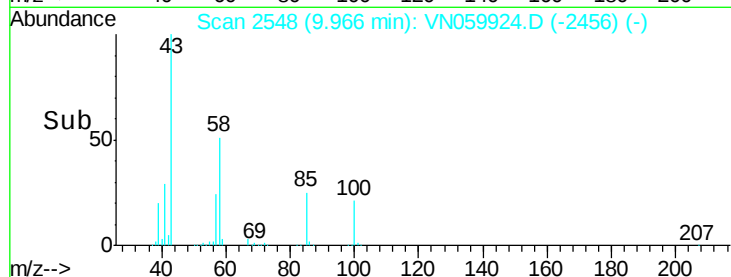
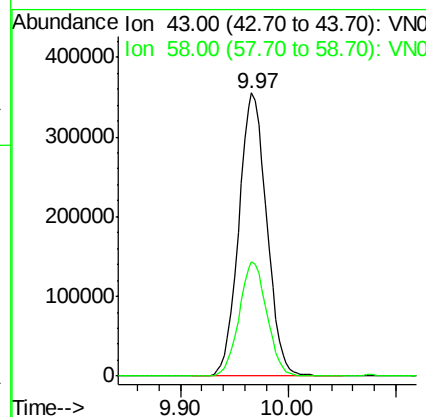
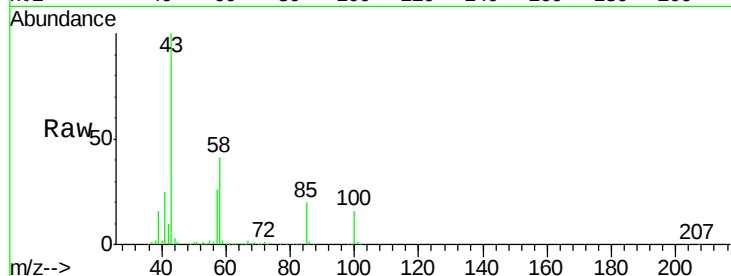
58 40.0 29.8 44.8

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#52

Toluene

Concen: 53.582 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059924.D

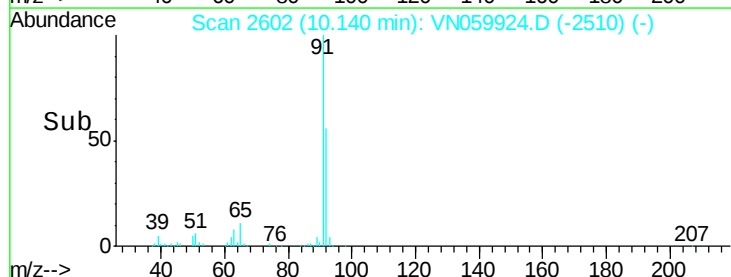
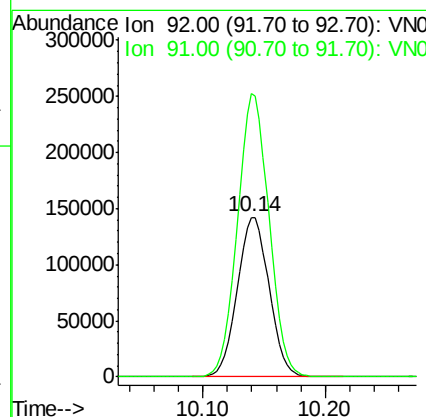
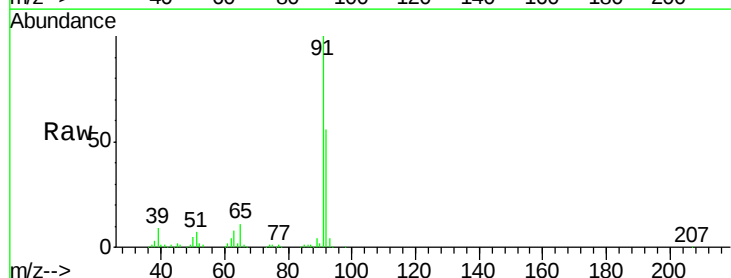
Acq: 30 Jan 2020 13:07

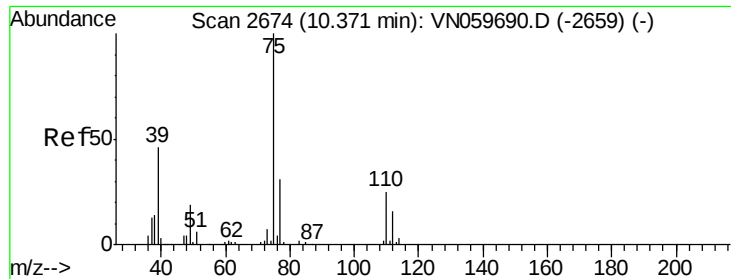
Tgt Ion: 92 Resp: 256804

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6





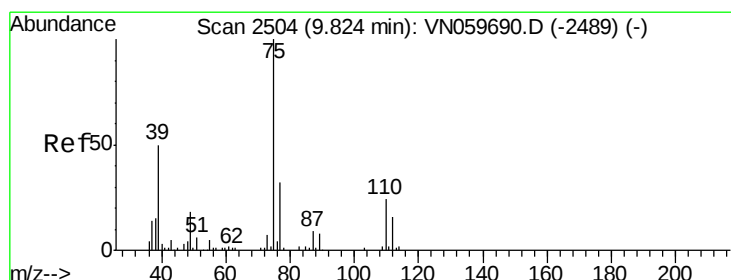
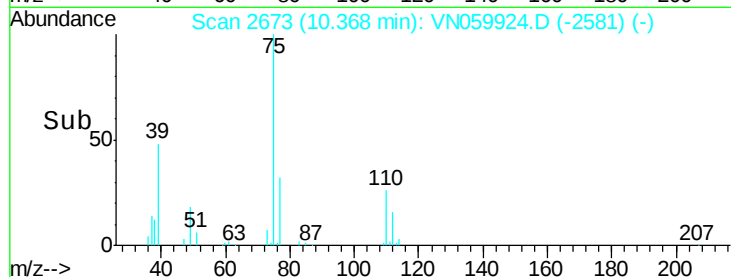
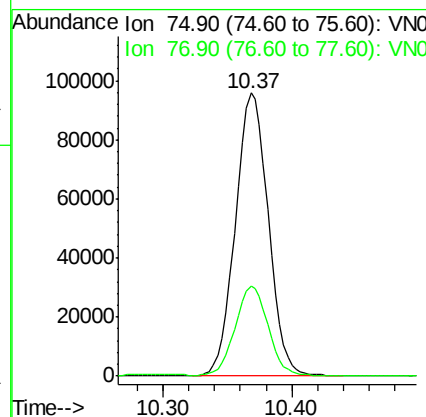
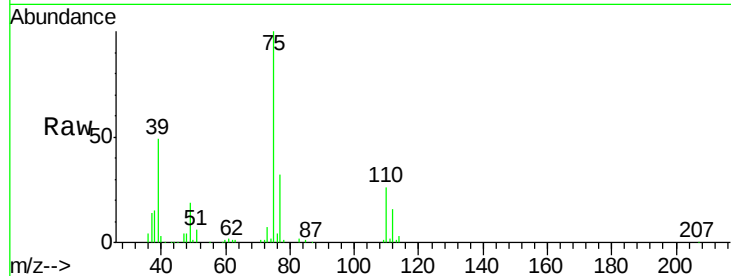
#53
t-1,3-Dichloropropene
Concen: 57.016 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 169916
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

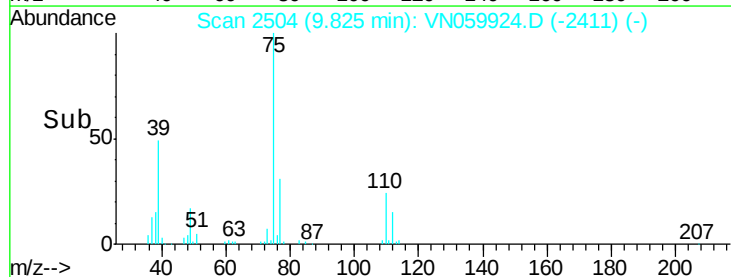
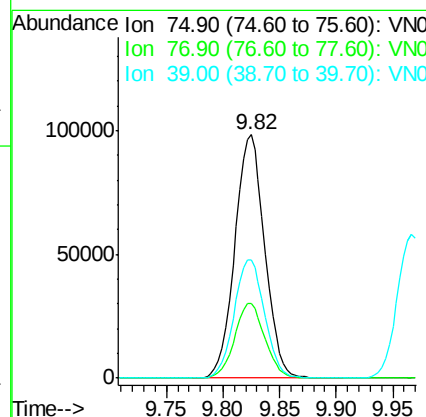
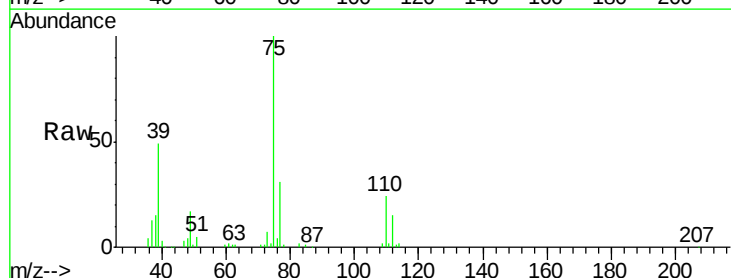
Manual Integrations
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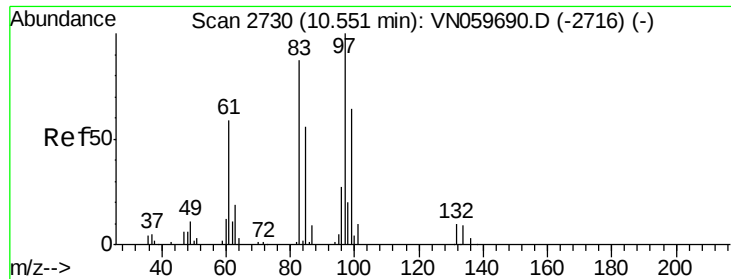
MMDadoda
2/3/2020 10:40:35 AM



#54
cis-1,3-Dichloropropene
Concen: 57.571 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 75 Resp: 180524
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 48.6 46.1 69.1





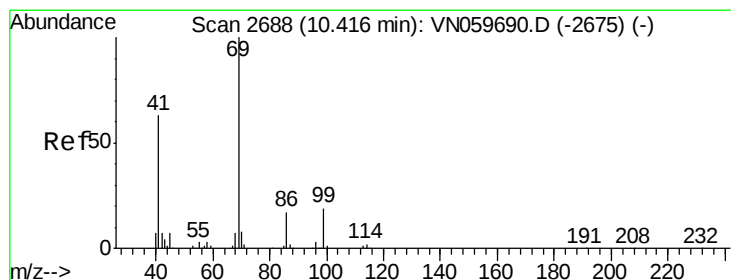
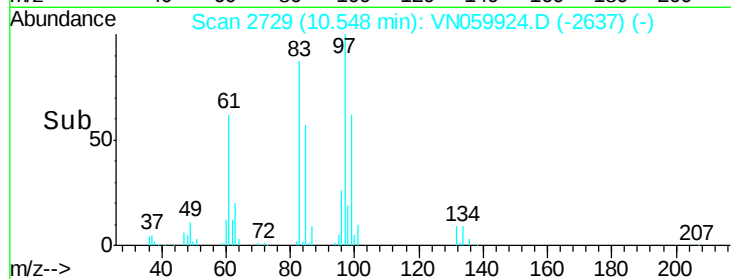
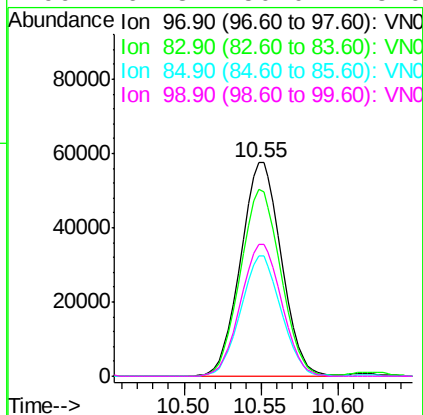
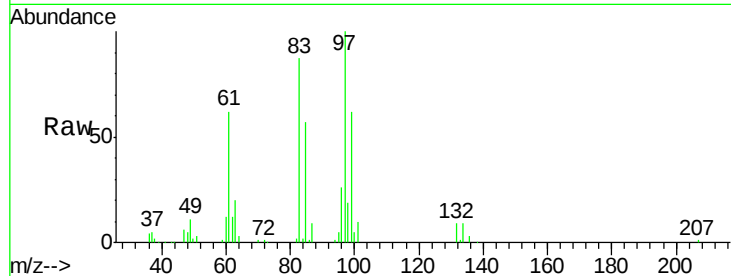
#55
 1,1,2-Trichloroethane
 Concen: 55.603 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	105546
Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.3	106.9
85	56.5	45.8	68.8
99	61.8	50.0	75.0

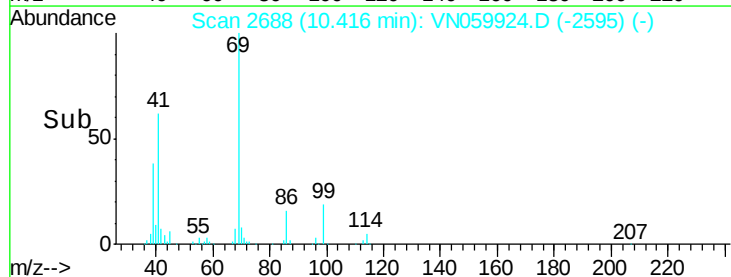
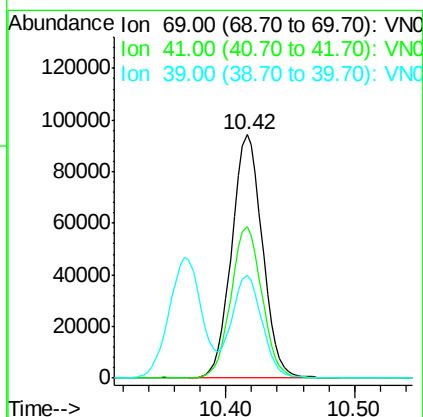
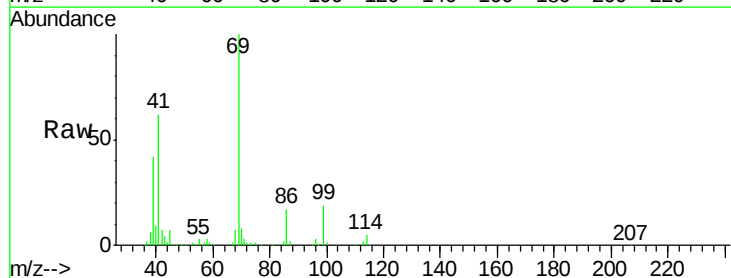
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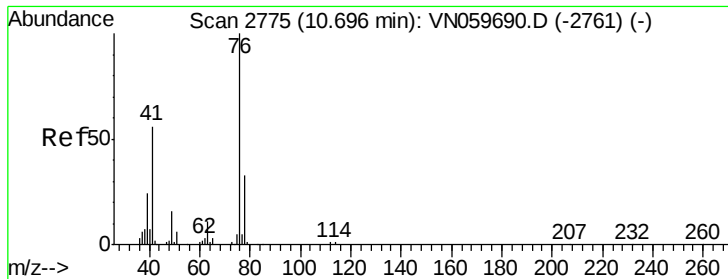
MMDadoda
 2/3/2020 10:40:35 AM



#56
 Ethyl methacrylate
 Concen: 53.963 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion:	69	Resp:	156519
Ion	Ratio	Lower	Upper
69	100		
41	62.1	57.1	85.7
39	41.6	34.7	52.1





#57

1,3-Dichloropropane

Concen: 56.618 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 170627

Ion Ratio Lower Upper

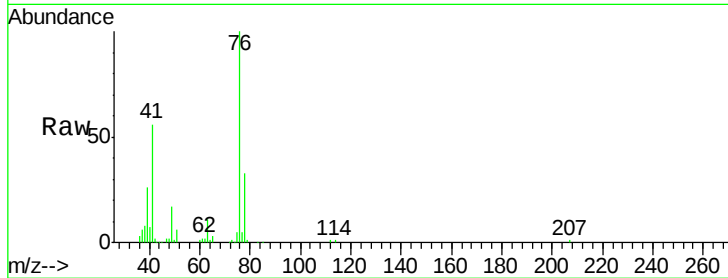
76 100

78 32.8 25.8 38.8

Manual Integrations
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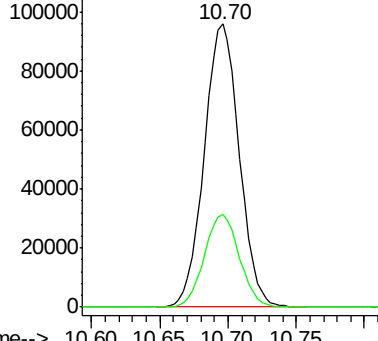
MMDadoda

2/3/2020 10:40:35 AM

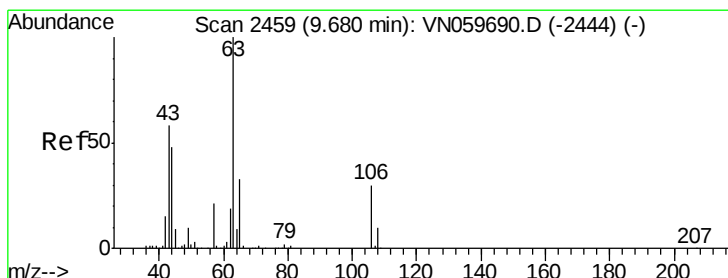
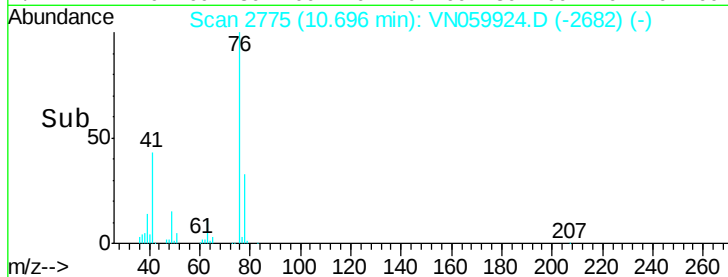


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 301.962 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059924.D

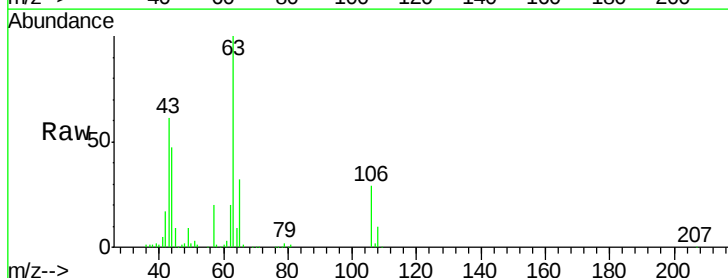
Acq: 30 Jan 2020 13:07

Tgt Ion: 63 Resp: 263803

Ion Ratio Lower Upper

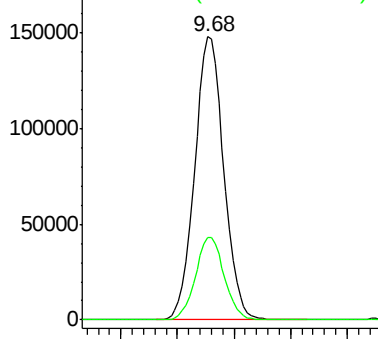
63 100

106 28.8 20.2 30.2

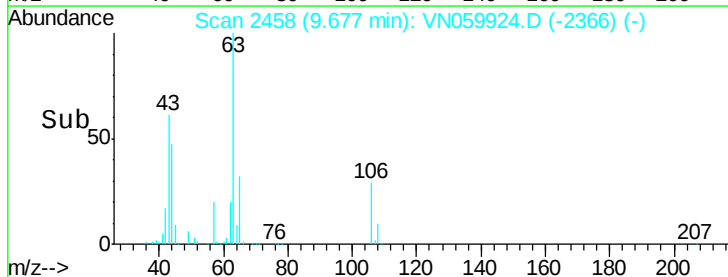


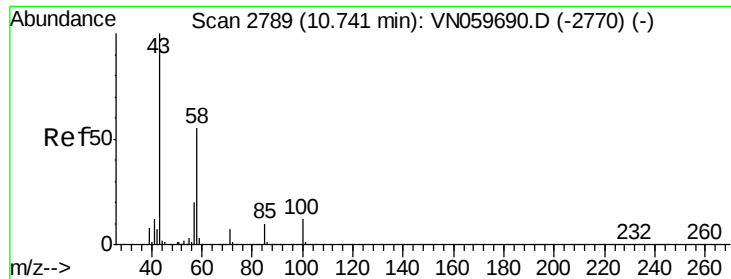
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



Time--> 9.60 9.65 9.70 9.75 9.80





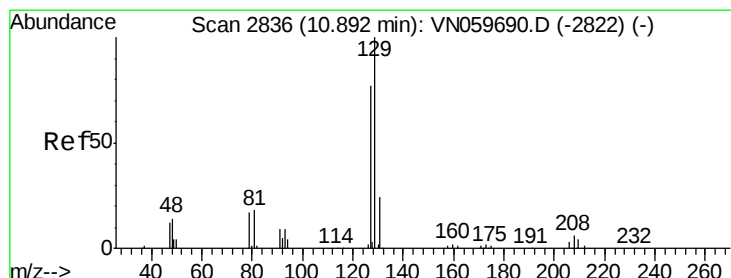
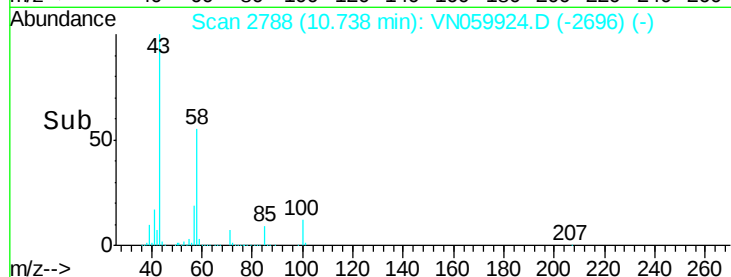
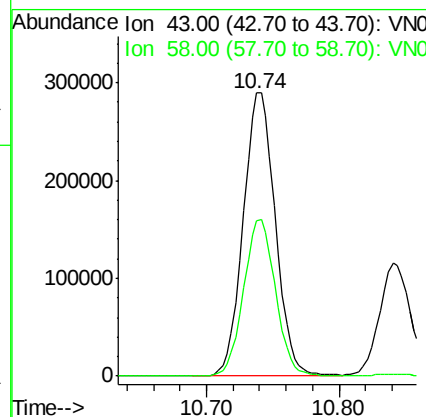
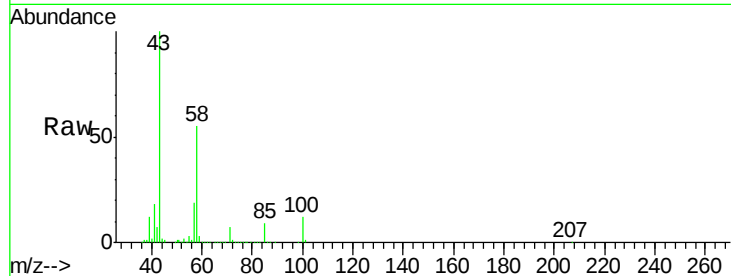
#59
2-Hexanone
Concen: 278.406 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 486634
Ion Ratio Lower Upper
43 100
58 55.1 25.8 77.3

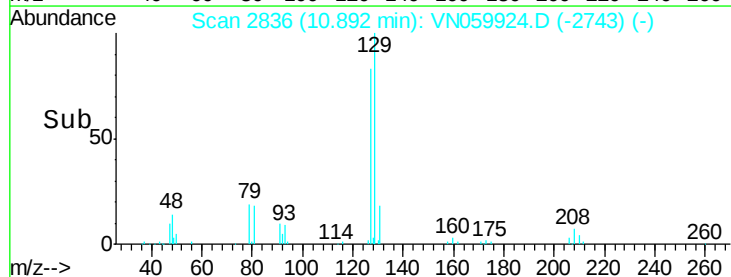
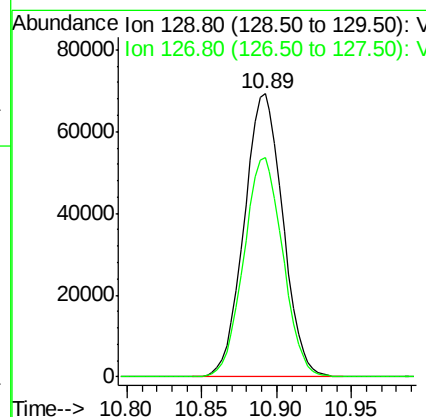
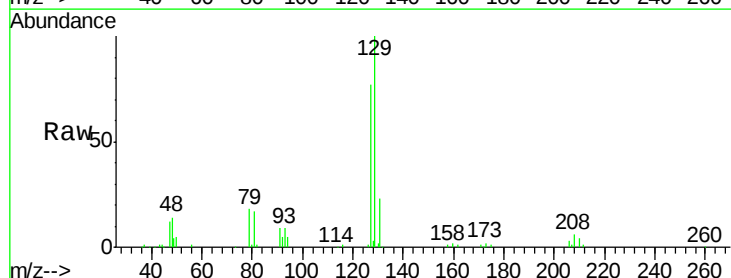
Manual Integrations
APPROVED

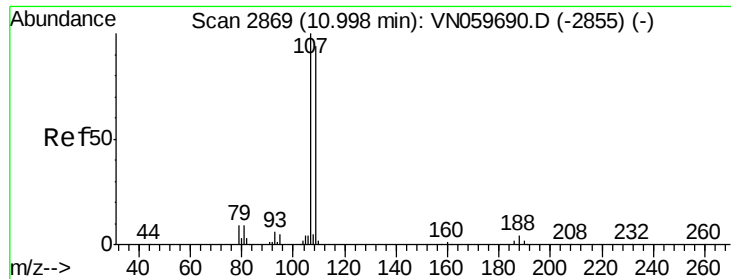
MMDadoda
2/3/2020 10:40:35 AM



#60
Dibromochloromethane
Concen: 57.785 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 129 Resp: 124907
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





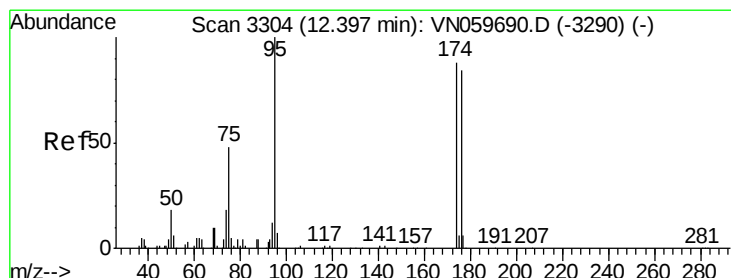
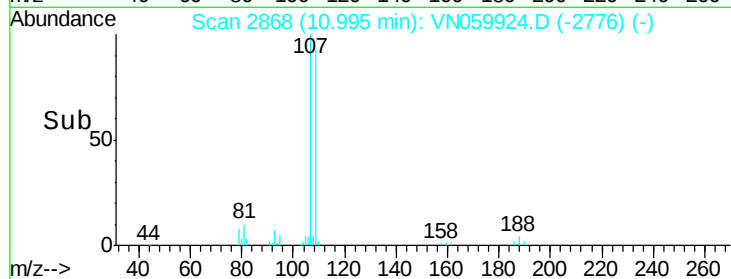
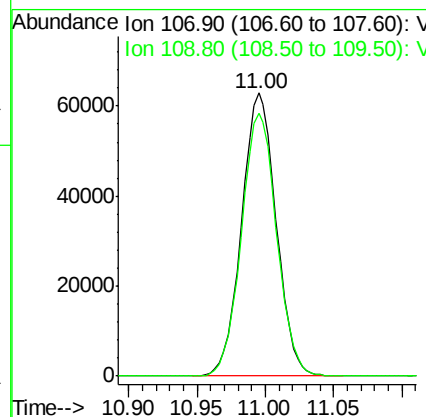
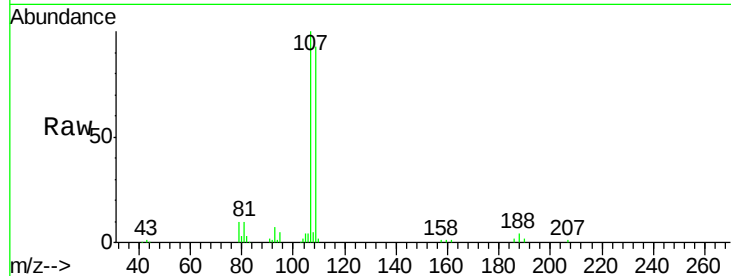
#61
 1,2-Dibromoethane
 Concen: 55.535 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.6	115.0

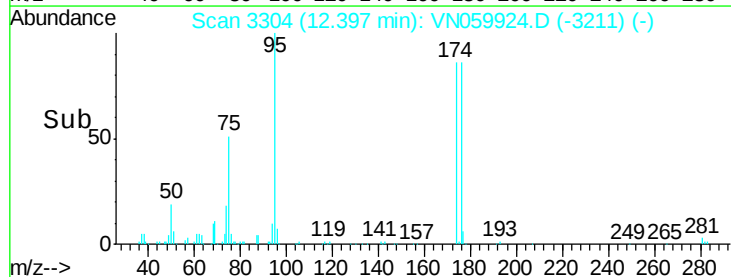
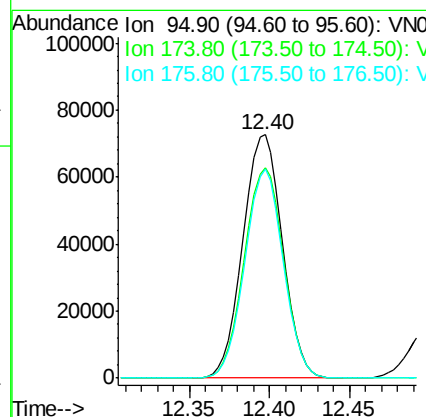
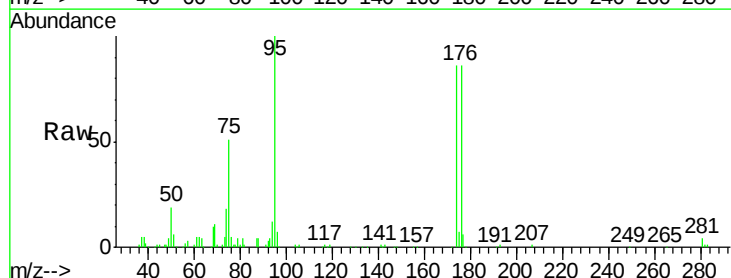
Manual Integrations
 APPROVED

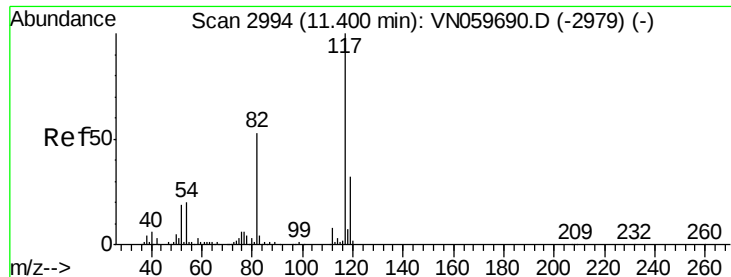
MMDadoda
 2/3/2020 10:40:35 AM



#62
 4-Bromofluorobenzene
 Concen: 50.082 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	151.4
176	83.8	0.0	146.0





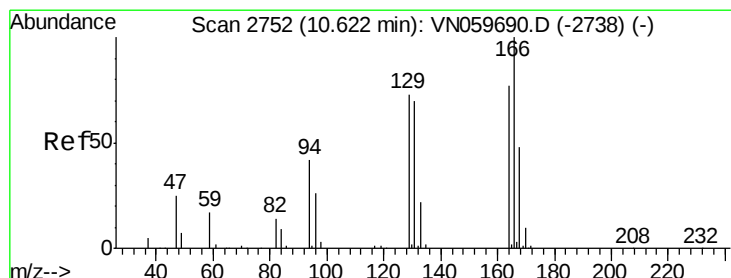
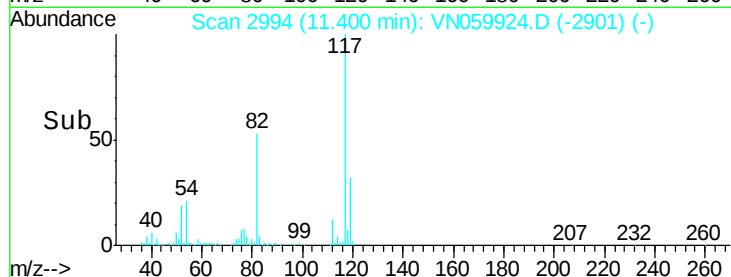
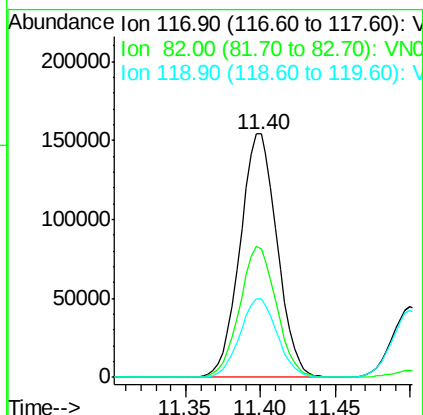
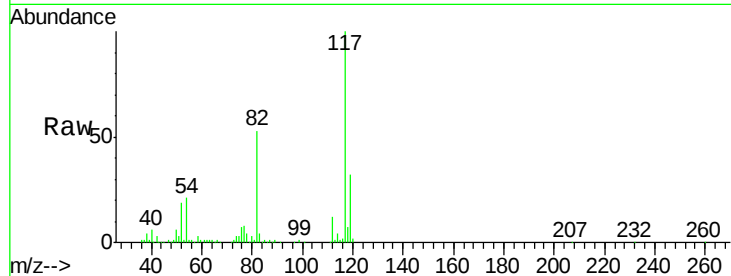
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.9	68.9
119	32.0	25.5	38.3

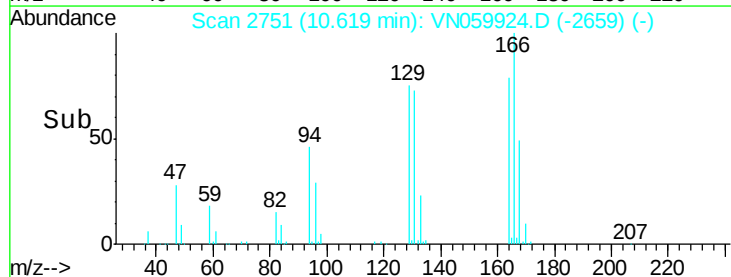
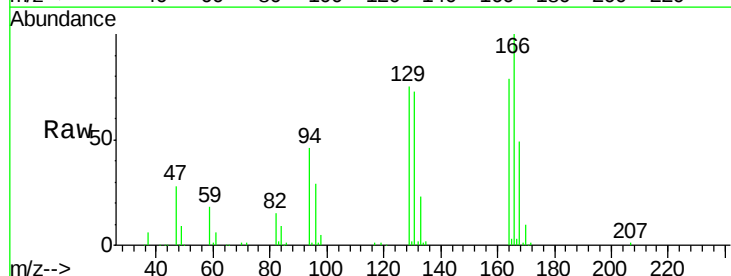
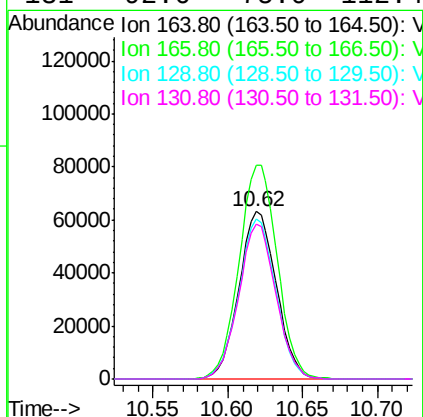
Manual Integrations
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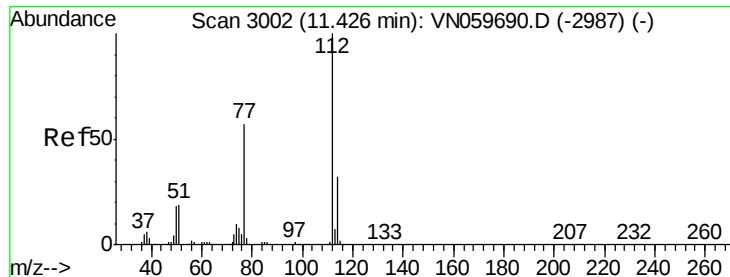
MMDadoda
2/3/2020 10:40:35 AM



#64
Tetrachloroethene
Concen: 50.826 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.4	152.0
129	95.2	80.2	120.4
131	92.6	75.0	112.4





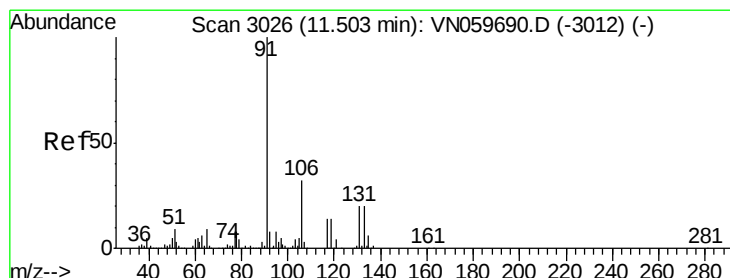
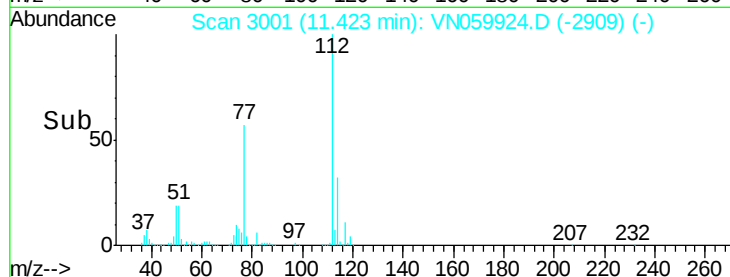
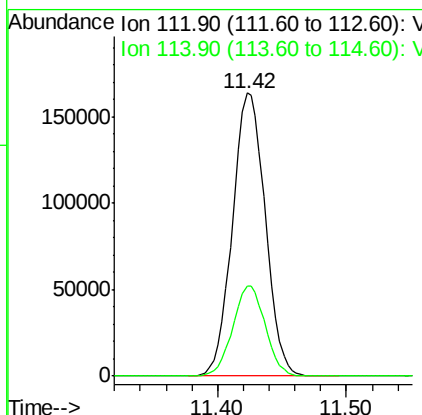
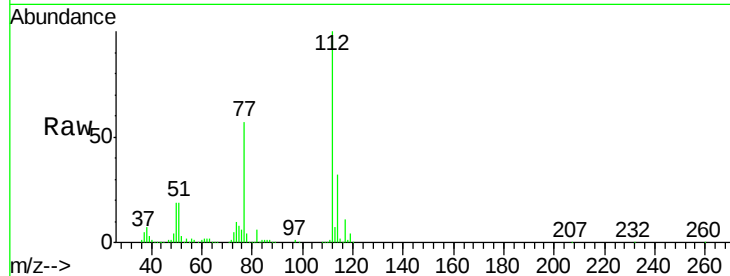
#65
Chlorobenzene
Concen: 55.247 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 288677
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8

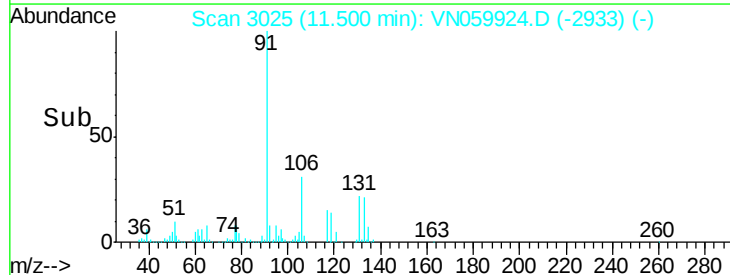
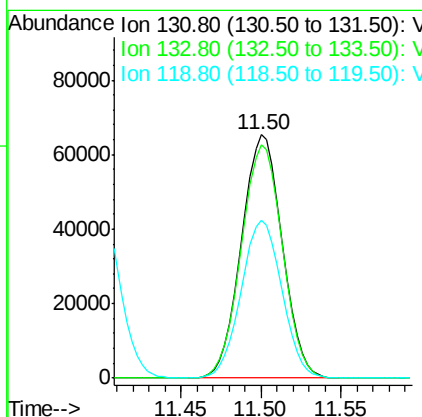
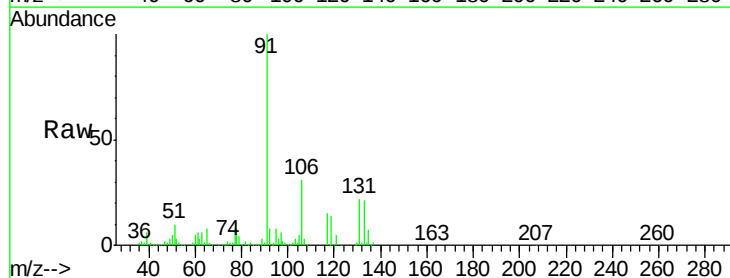
Manual Integrations
APPROVED

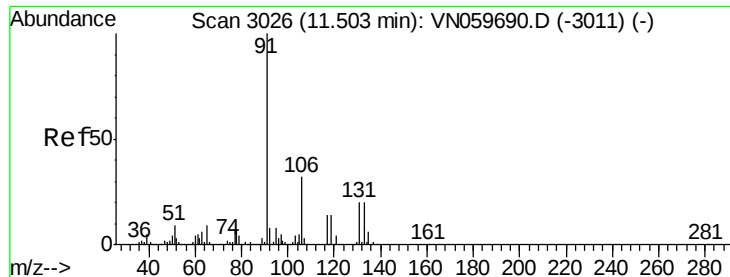
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.280 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion:131 Resp: 113630
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 64.7 33.1 99.3





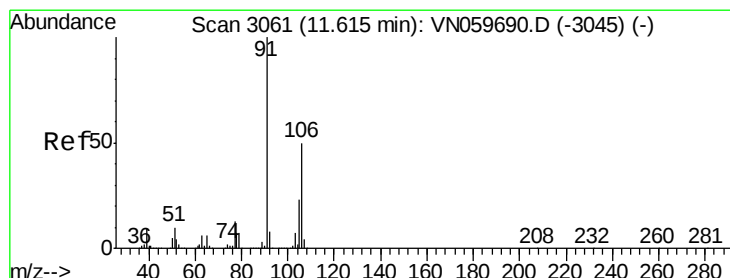
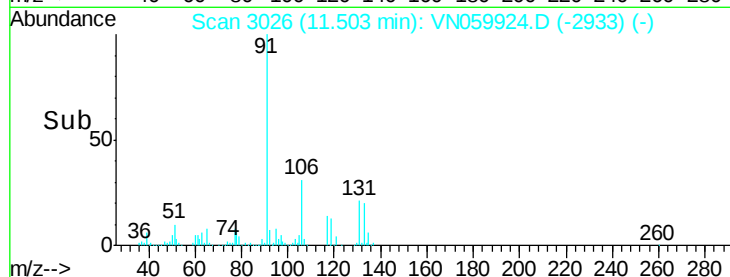
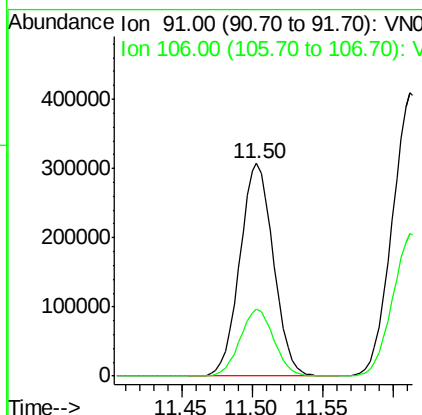
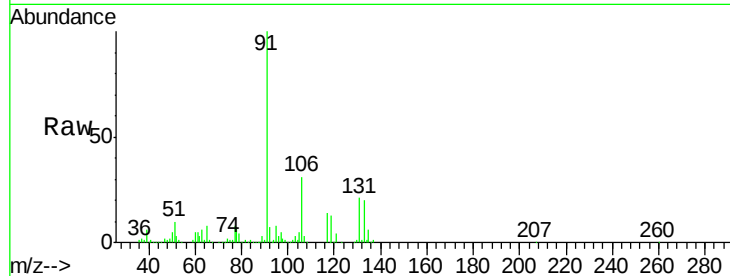
#67
Ethyl Benzene
Concen: 54.023 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 512434
Ion Ratio Lower Upper
91 100
106 31.3 24.1 36.1

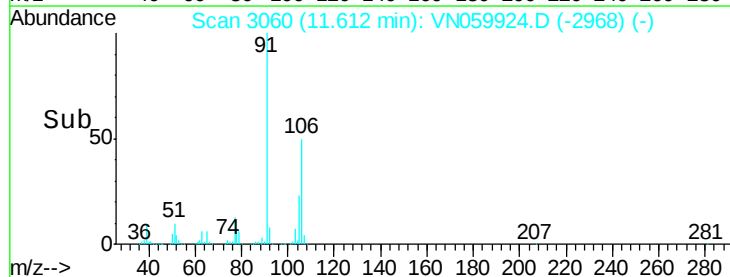
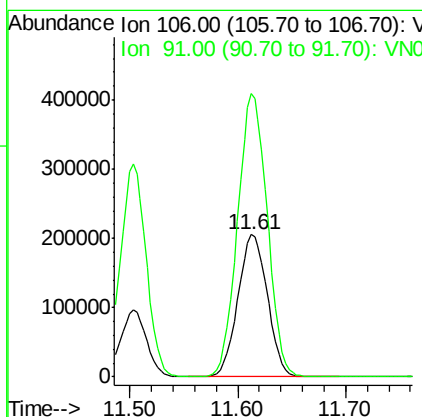
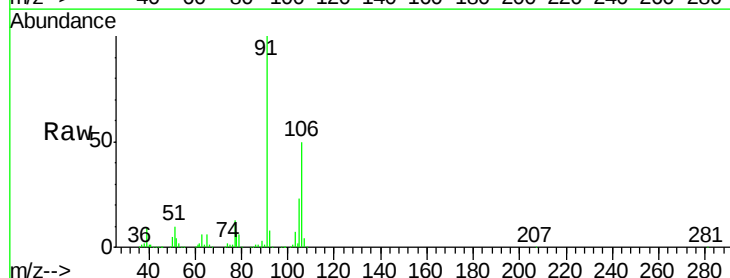
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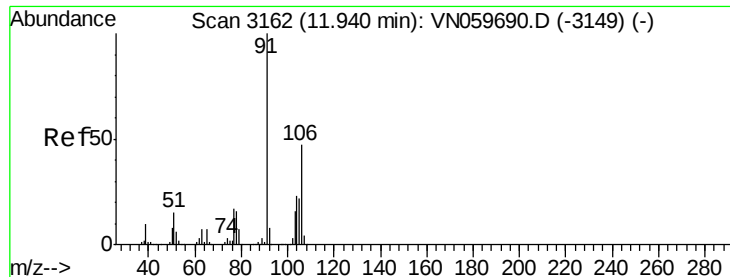
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#68
m/p-Xylenes
Concen: 109.323 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion: 106 Resp: 391706
Ion Ratio Lower Upper
106 100
91 199.9 167.9 251.9





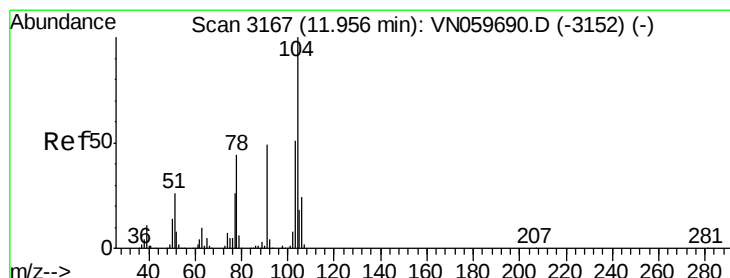
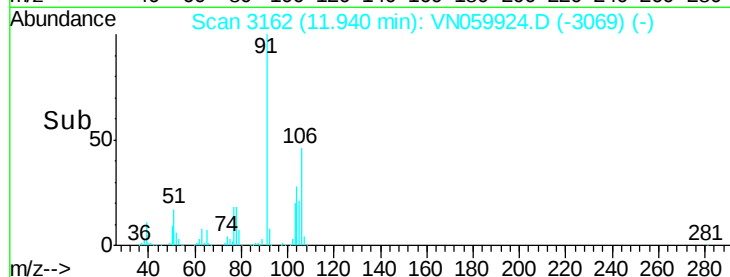
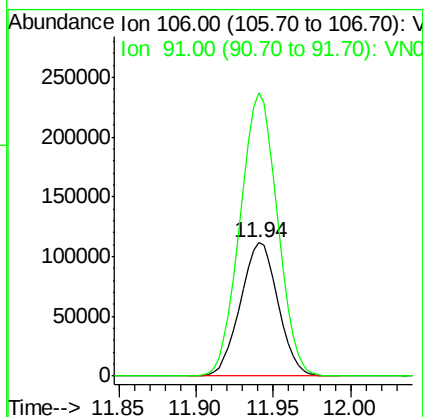
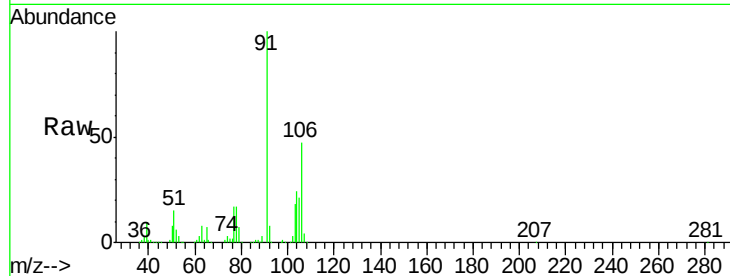
#69
o-Xylene
Concen: 53.911 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.7	110.3	330.9	

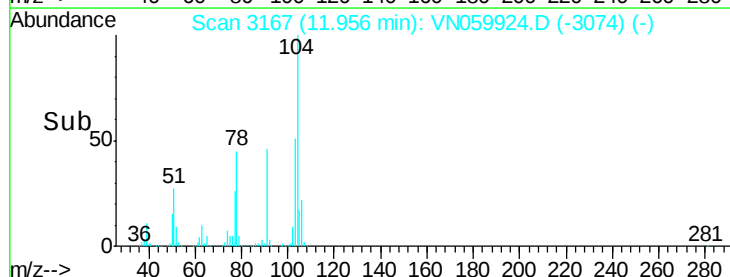
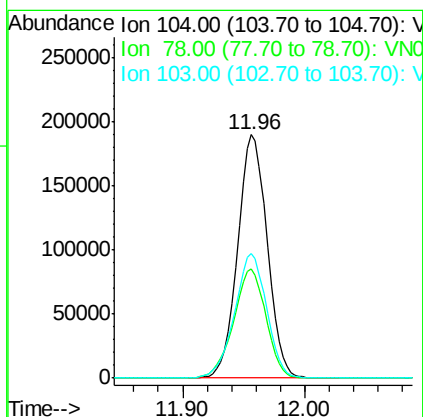
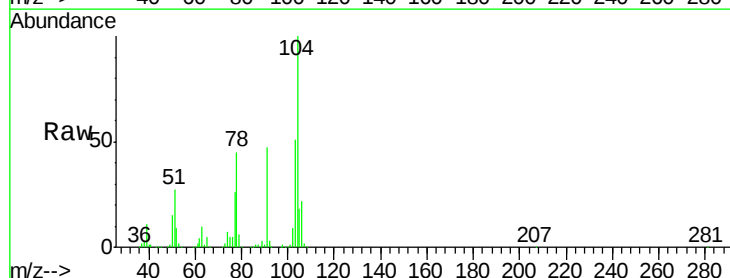
Manual Integrations
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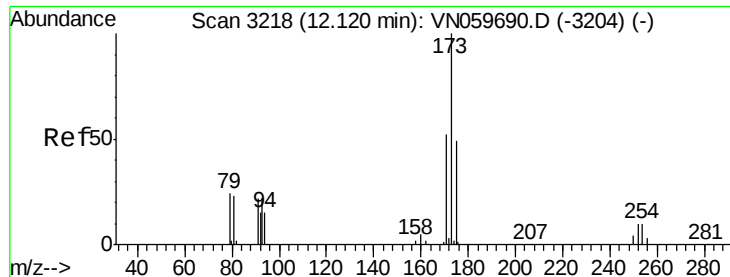
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#70
Styrene
Concen: 54.067 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.5	42.4	63.6	
103	55.6	43.9	65.9	





#71

Bromoform

Concen: 58.244 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

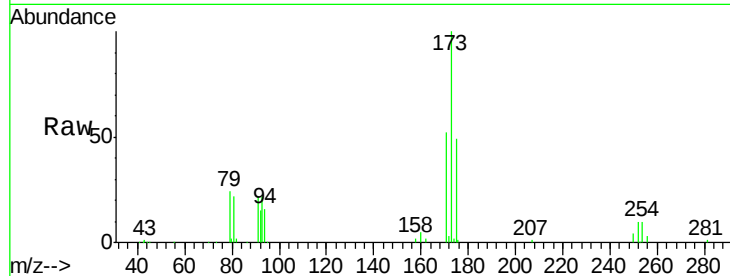
ClientSampleId :

VSTDCCC050

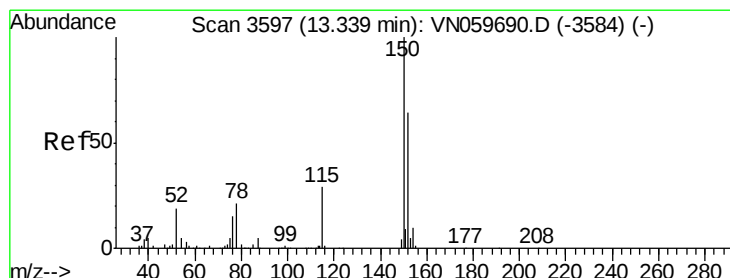
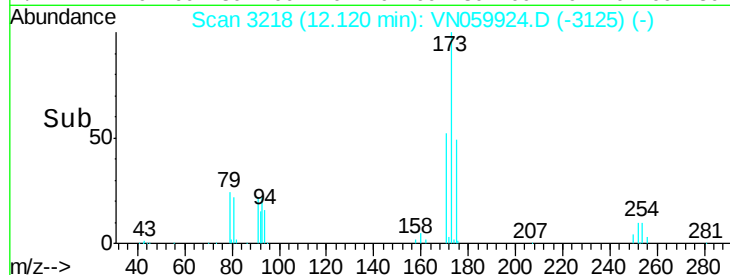
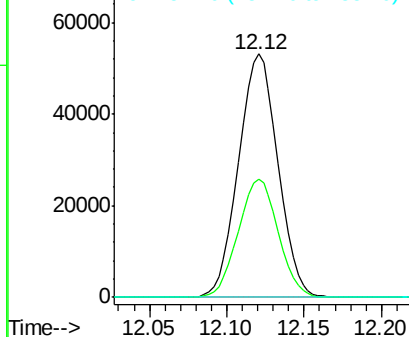
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

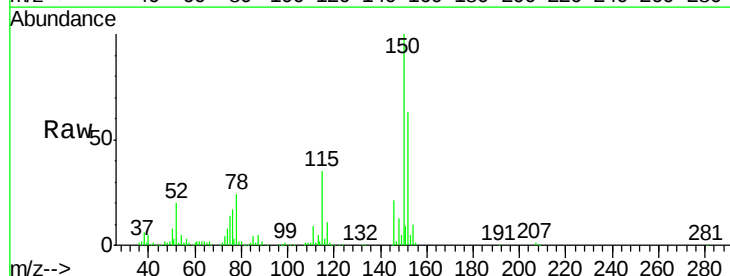
RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

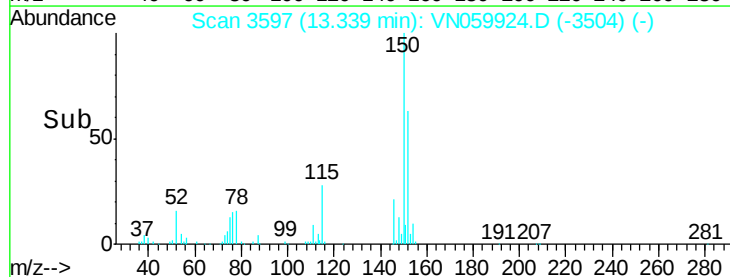
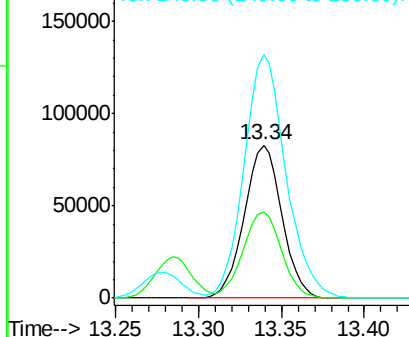
Lab File: VN059924.D

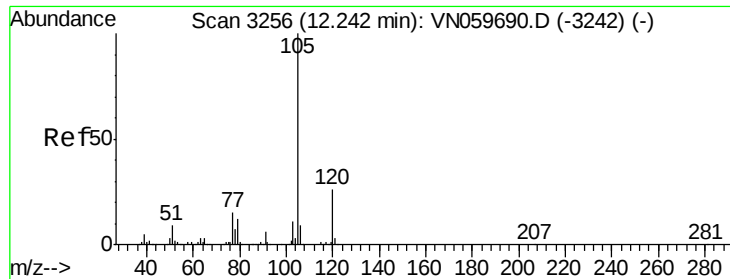
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	90.9
150	177.0	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.664 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 514343

Ion Ratio Lower Upper

105 100

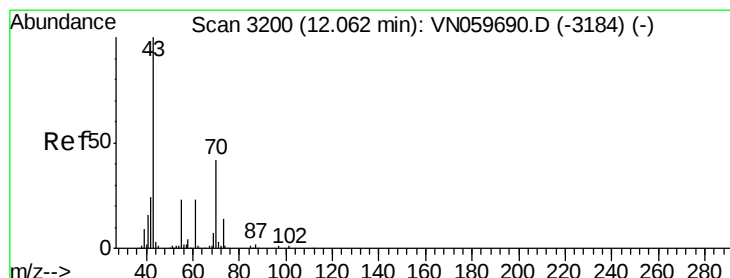
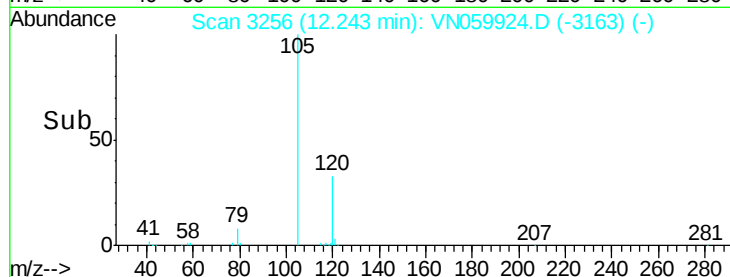
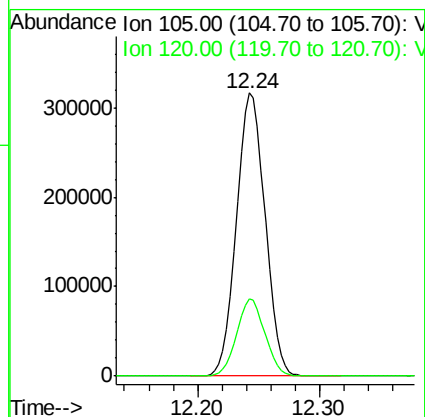
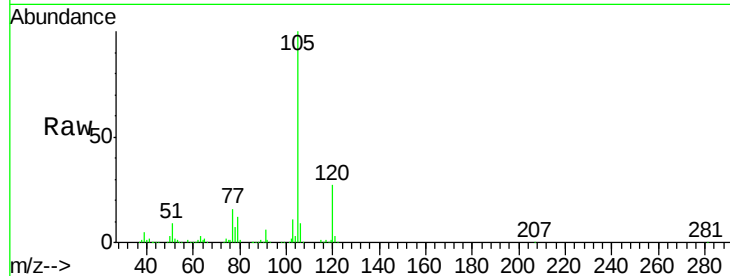
120 26.8 13.2 39.5

Manual Integrations

APPROVED

MMDadoda

2/3/2020 10:40:35 AM



#74

N-ethyl acetate

Concen: 52.044 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion: 43 Resp: 193556

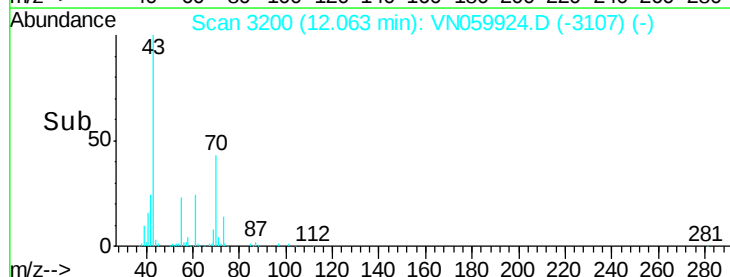
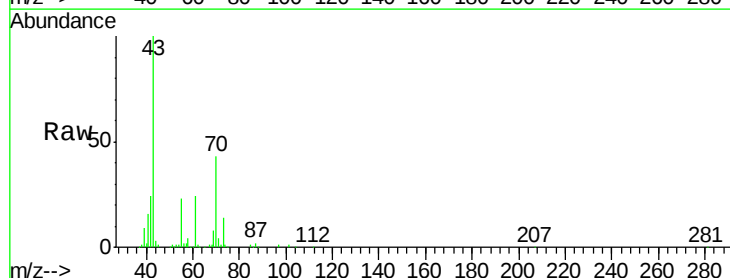
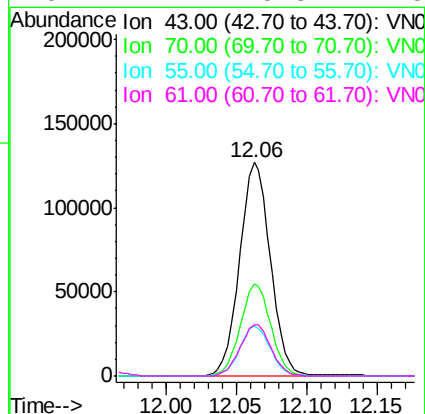
Ion Ratio Lower Upper

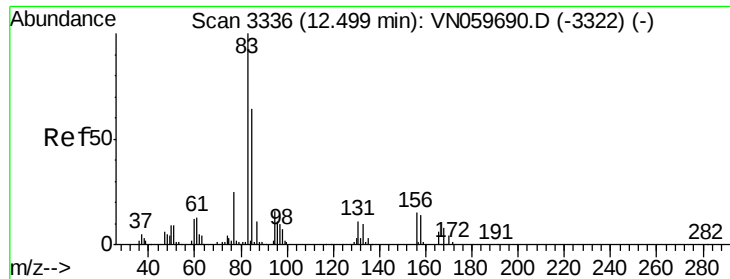
43 100

70 43.0 31.3 46.9

55 23.5 19.8 29.6

61 24.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.310 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

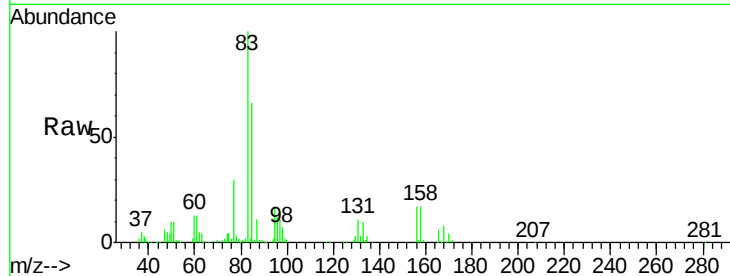
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	150902
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	65.2	31.9	95.5

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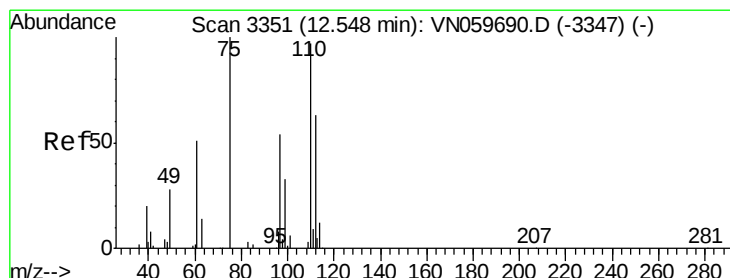
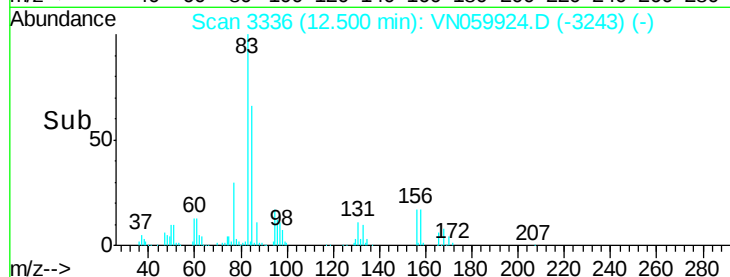
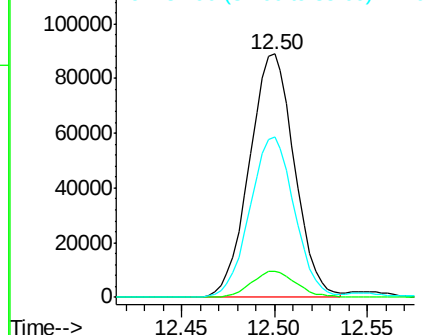
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Abundance Ion 82.90 (82.60 to 83.60): VN059924.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059924.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059924.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 60.753 ug/l m

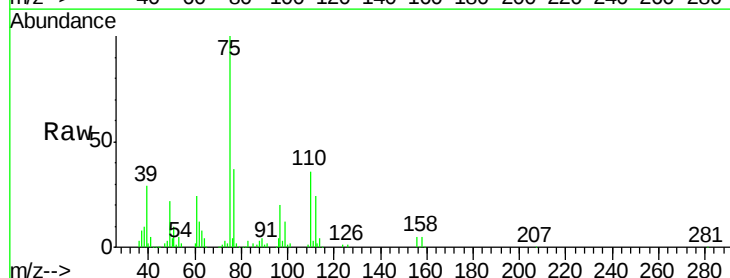
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059924.D

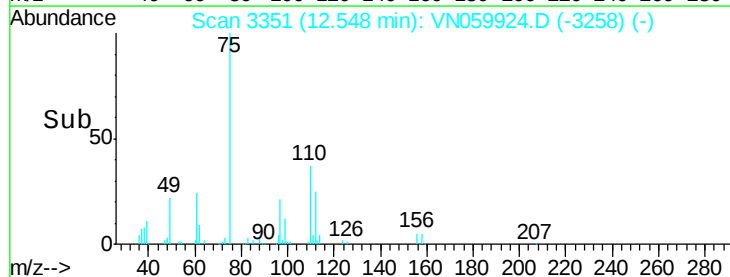
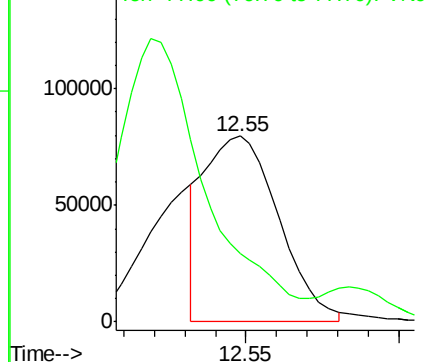
Acq: 30 Jan 2020 13:07

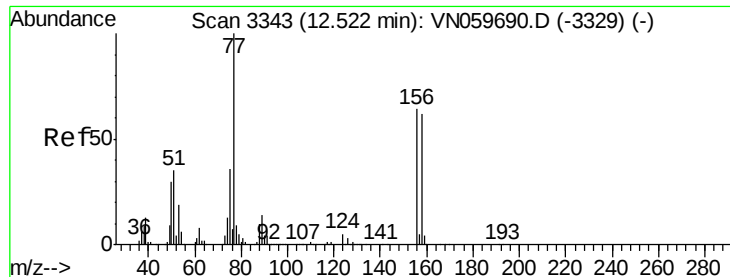
Tgt Ion:	75	Resp:	133617
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059924.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059924.D (-3258) (-)





#77

Bromobenzene

Concen: 53.600 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

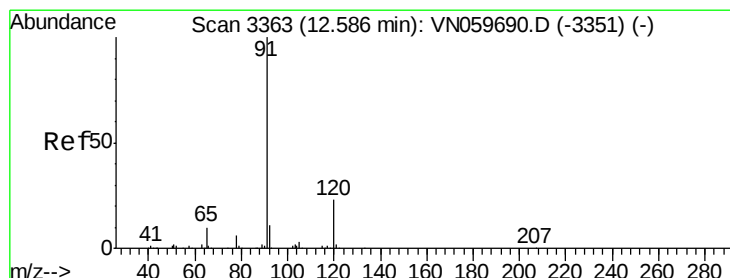
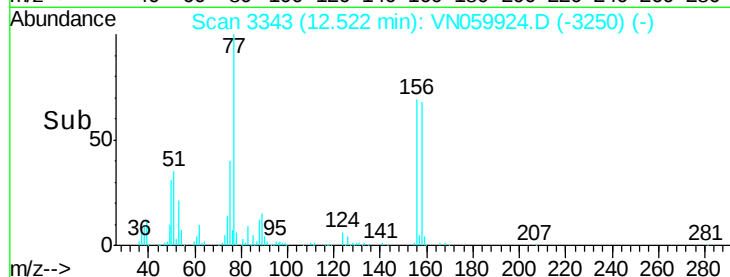
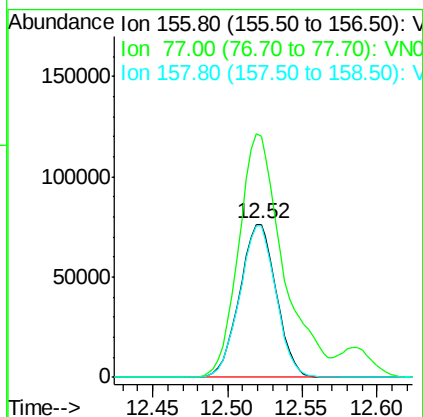
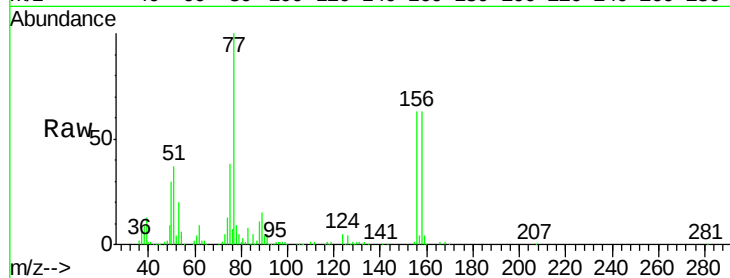
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	130097
Ion Ratio	Lower	Upper	
156	100		
77	193.6	115.8	347.4
158	97.9	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 54.537 ug/l

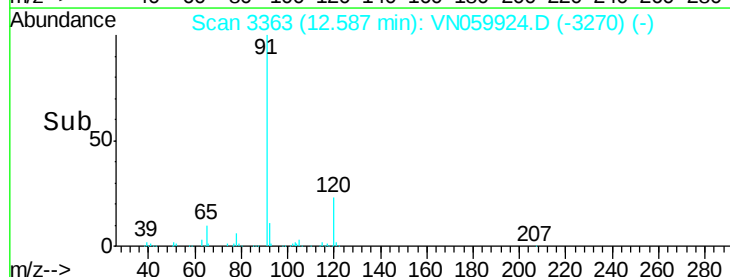
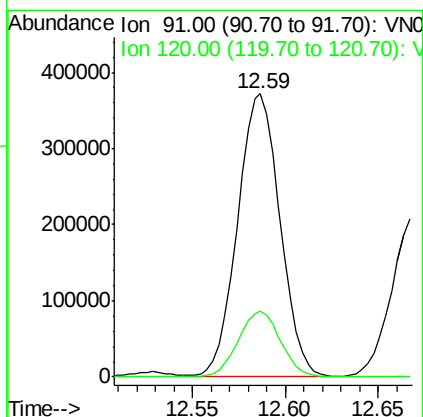
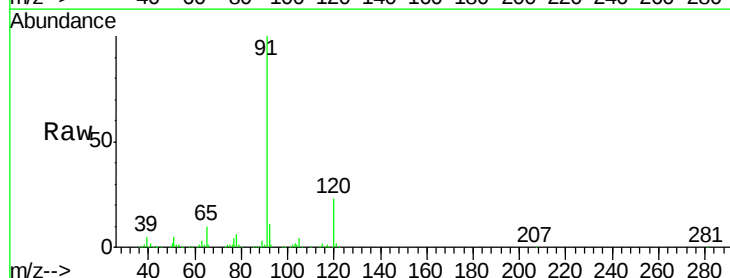
RT: 12.59 min Scan# 3363

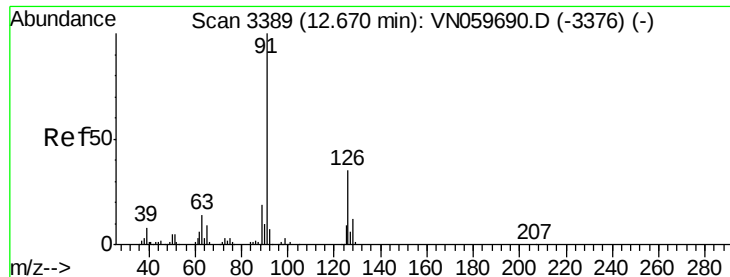
Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	91	Resp:	586687
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.1	33.3





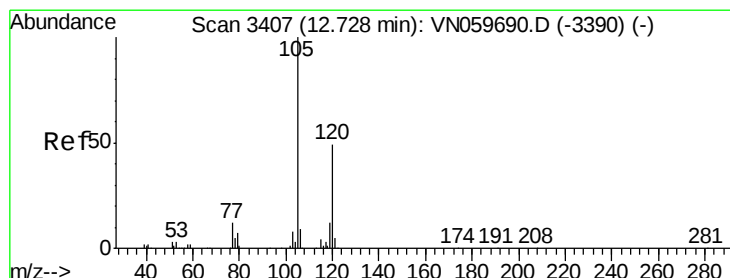
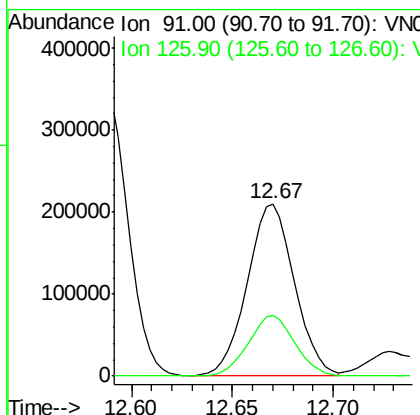
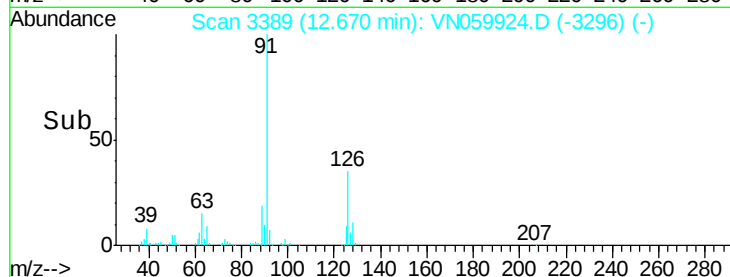
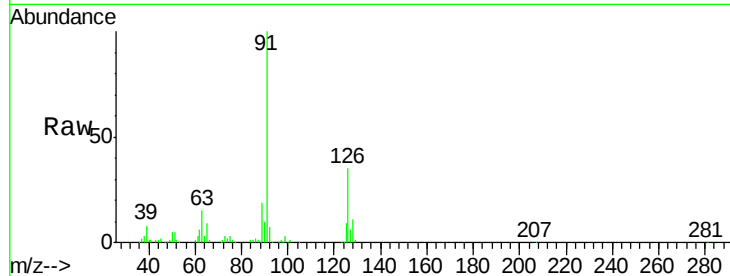
#79
 2-Chlorotoluene
 Concen: 53.426 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.3	48.9

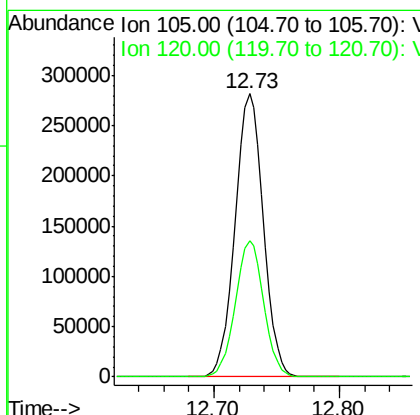
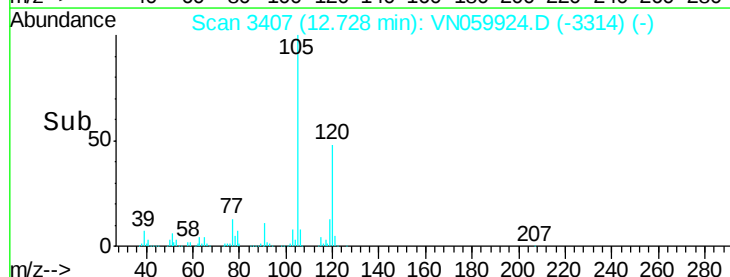
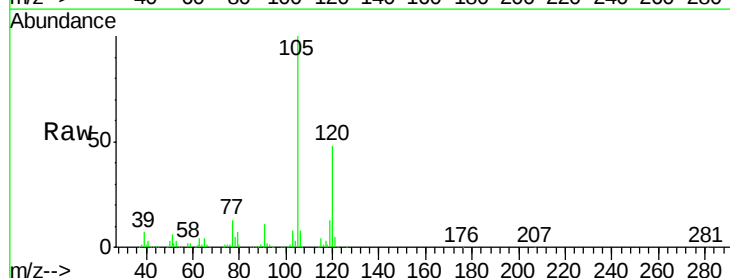
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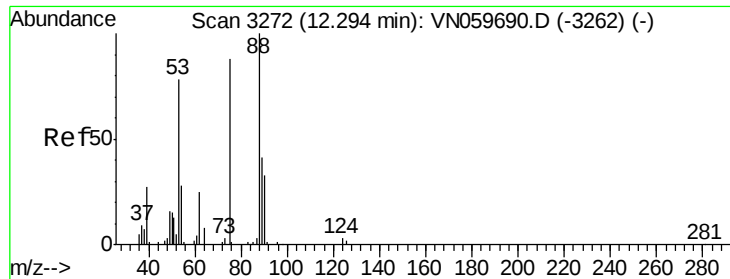
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.495 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.4





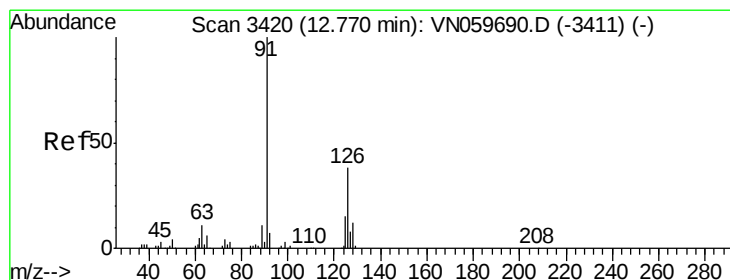
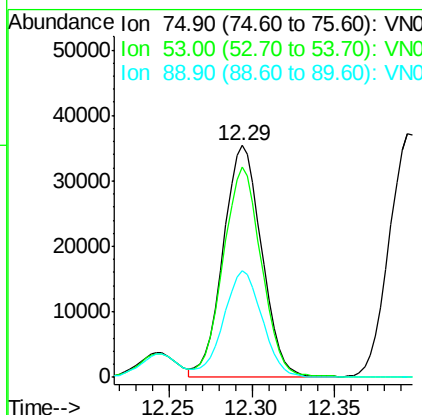
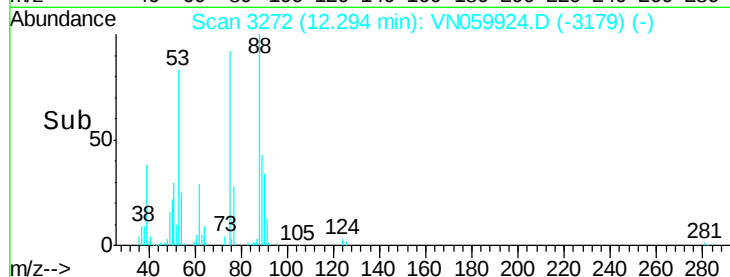
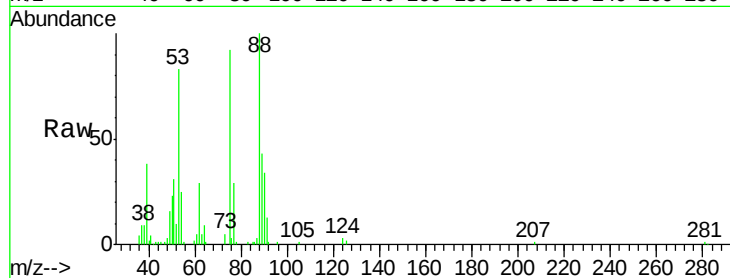
#81
trans-1,4-Dichloro-2-butene
Concen: 55.858 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	78.1	117.1
89	45.8	35.4	53.2

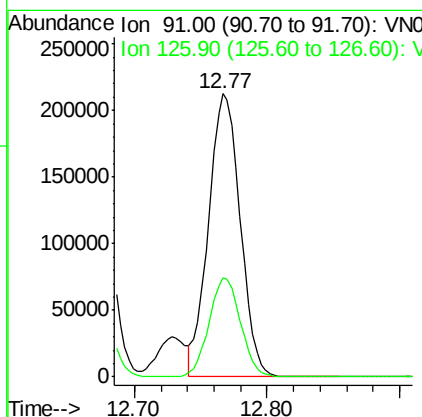
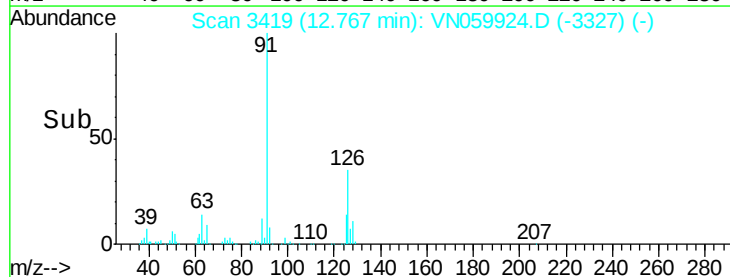
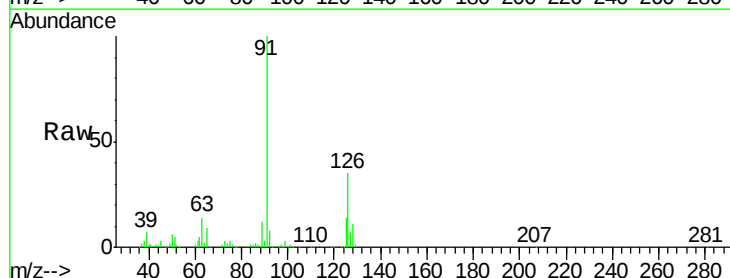
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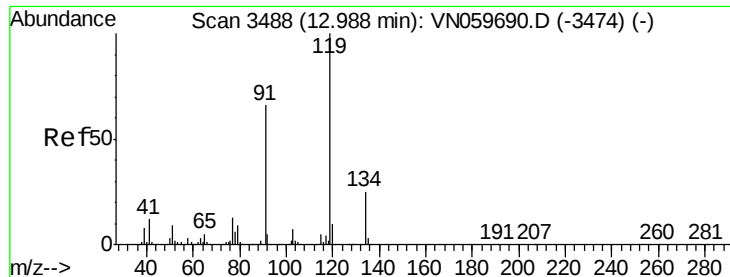
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#82
4-Chlorotoluene
Concen: 54.760 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.3	48.8





#83

tert-Butylbenzene

Concen: 54.153 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

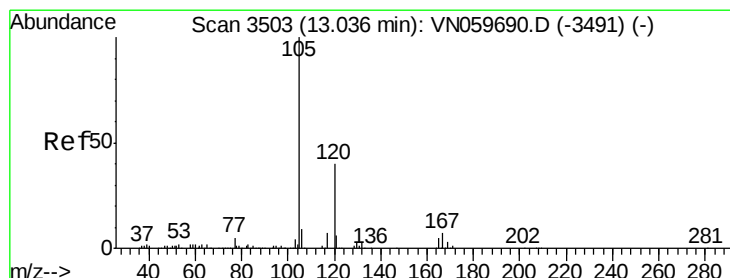
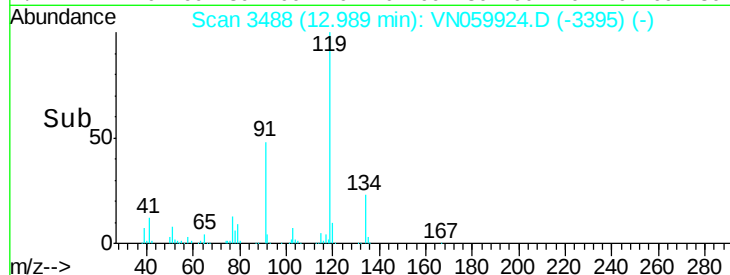
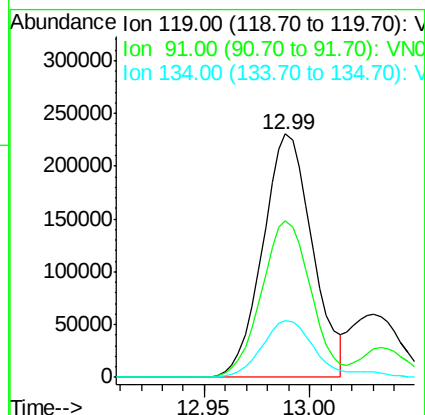
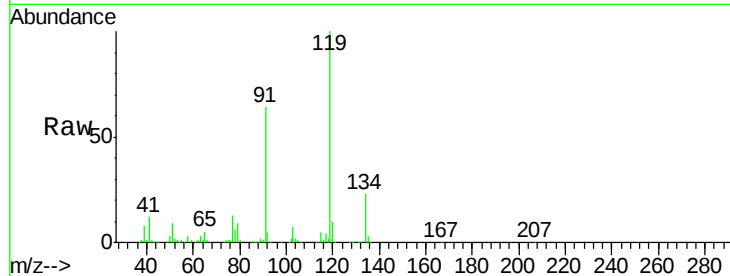
ClientSampled :

VSTDCCC050

Tot Ion:	119	Resp:	377524
Ion Ratio	Lower	Upper	
119	100		
91	64.0	34.8	104.4
134	24.0	12.3	36.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.274 ug/l

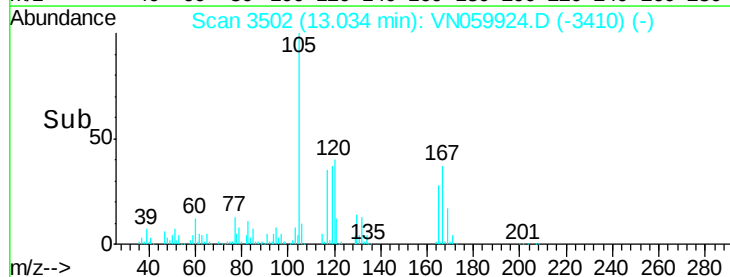
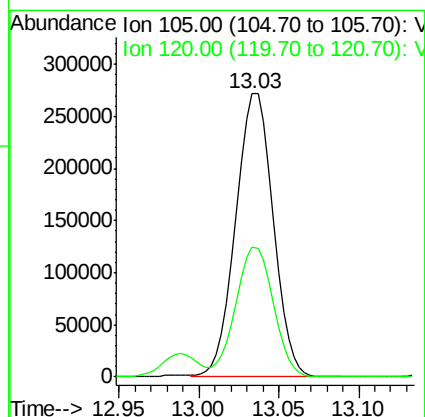
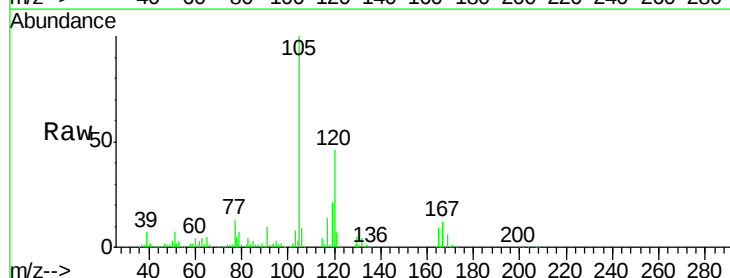
RT: 13.03 min Scan# 3502

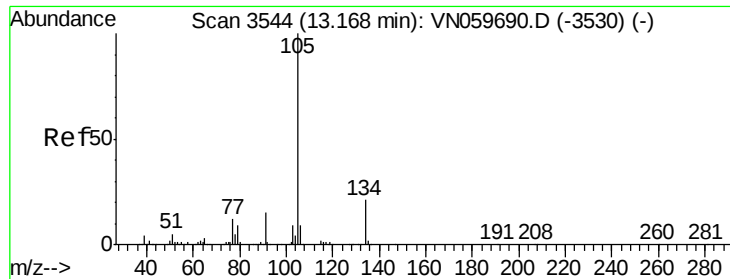
Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	105	Resp:	432802
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 54.497 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 499156

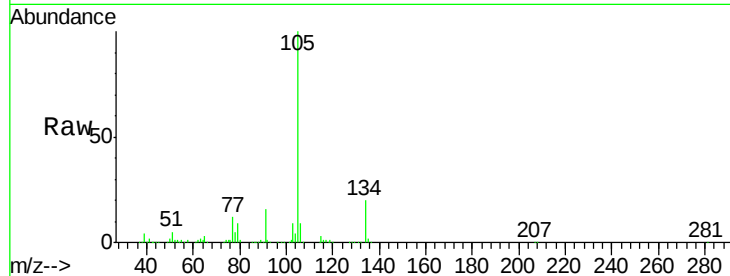
Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.5

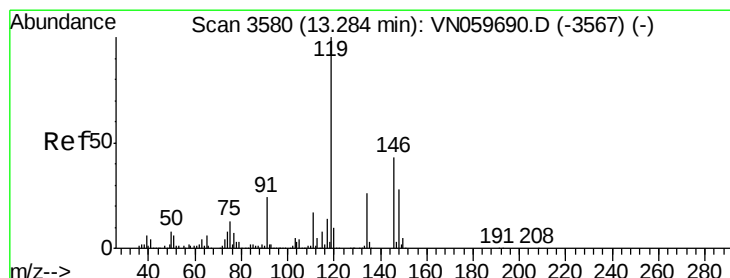
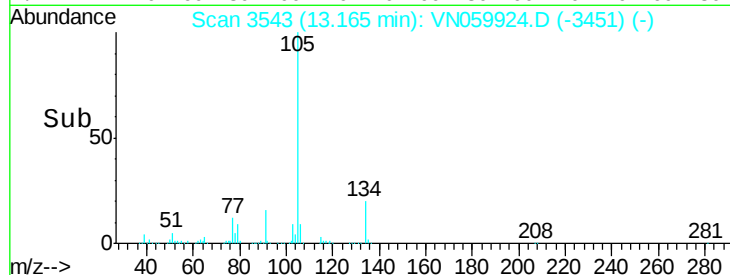
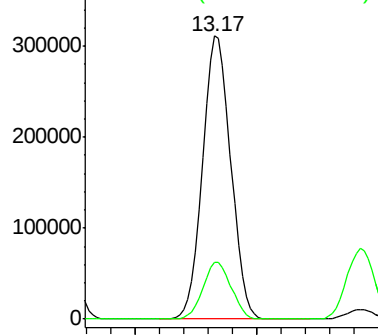
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.086 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

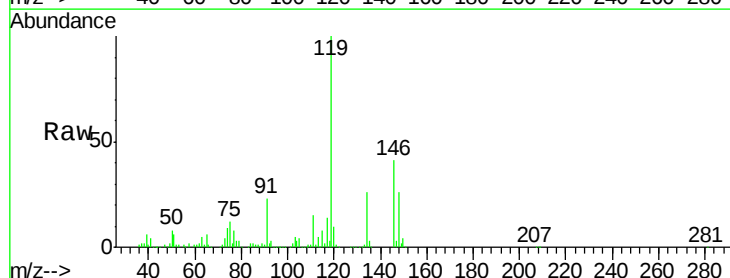
Tgt Ion:119 Resp: 458381

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.7

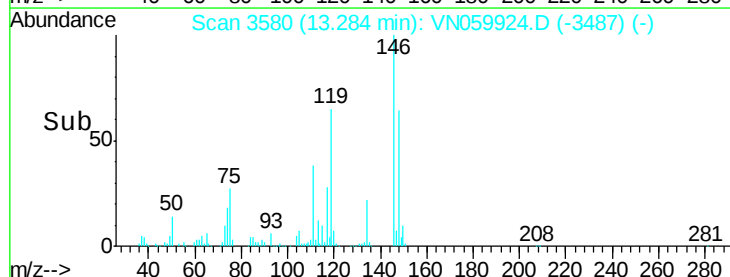
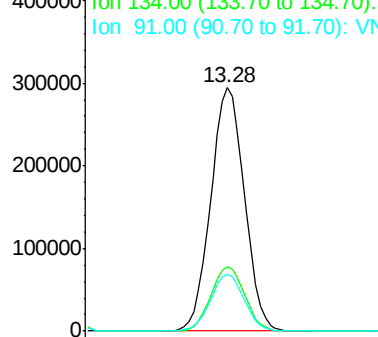
91 23.4 12.4 37.4

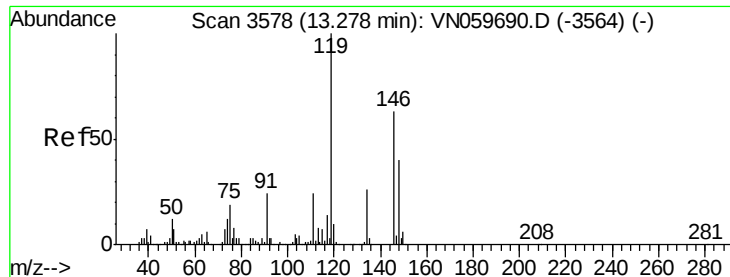


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





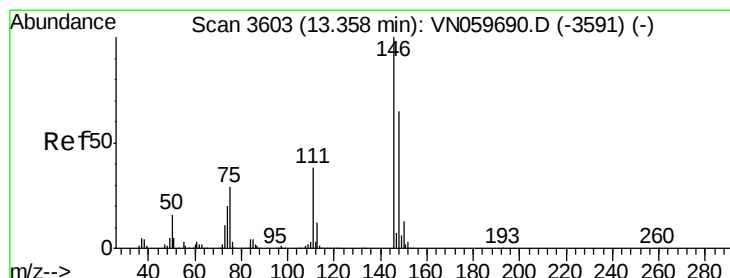
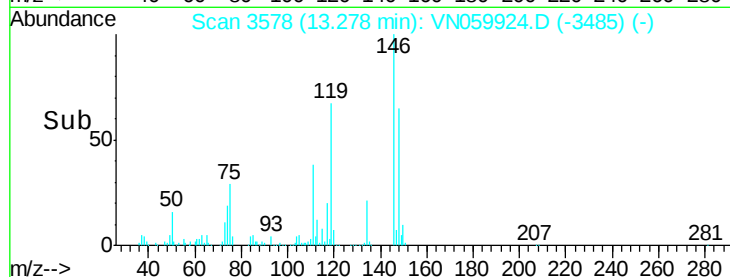
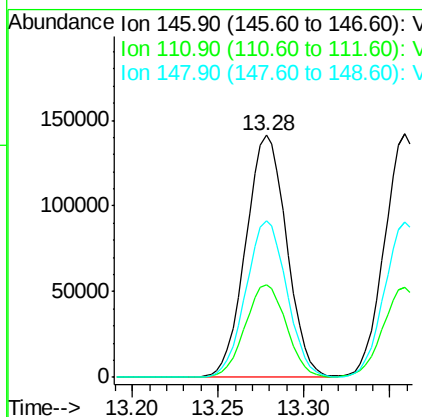
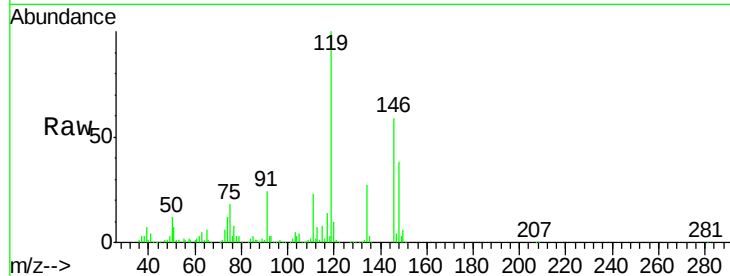
#87
 1,3-Dichlorobenzene
 Concen: 55.259 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	64.6	32.0	96.0

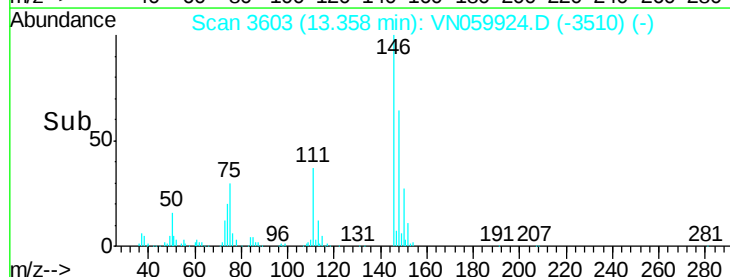
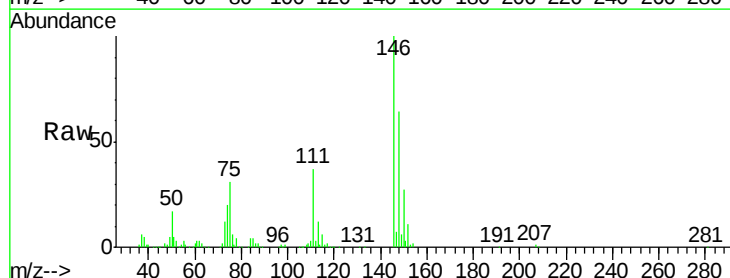
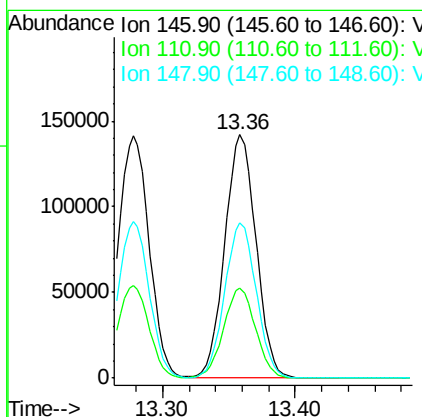
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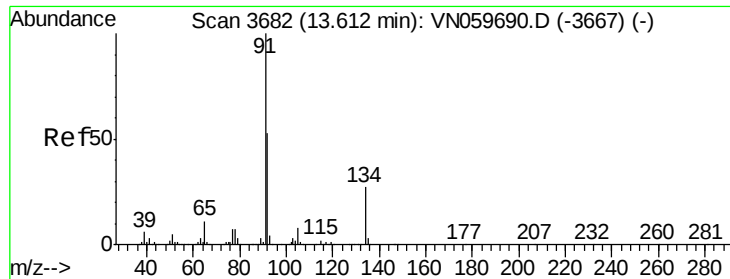
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#88
 1,4-Dichlorobenzene
 Concen: 55.335 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	64.4	31.8	95.4





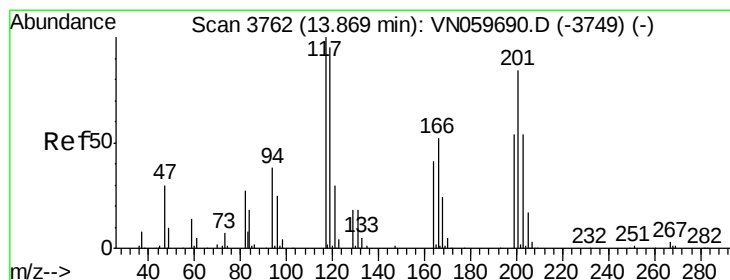
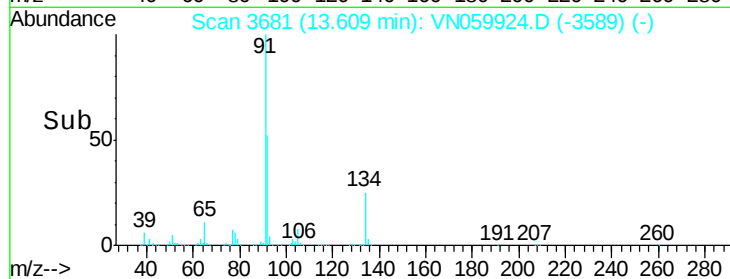
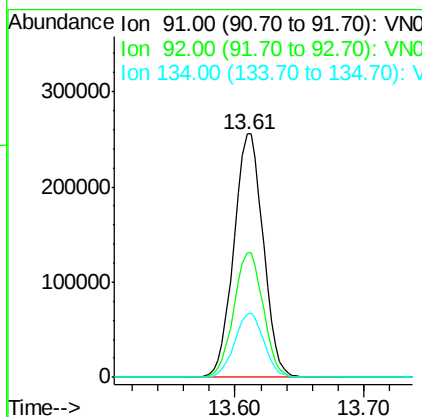
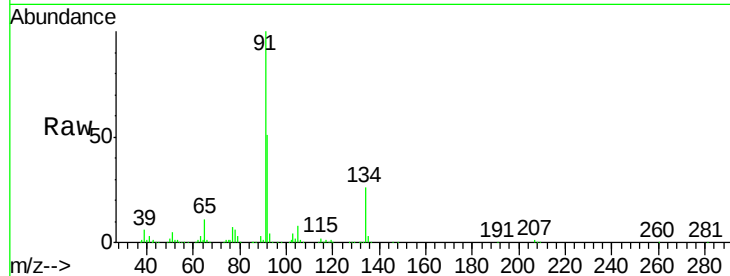
#89
n-Butylbenzene
Concen: 55.984 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.9	77.7
134	26.3	12.3	36.8

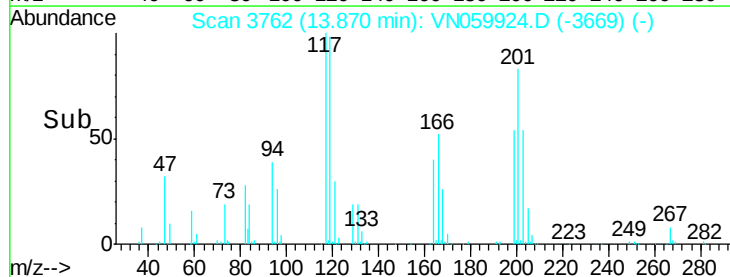
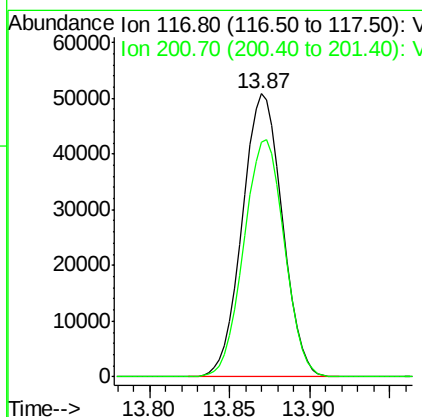
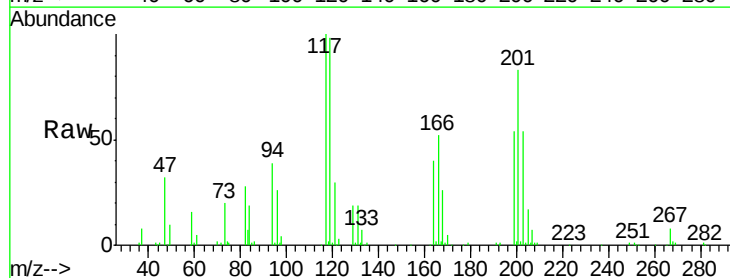
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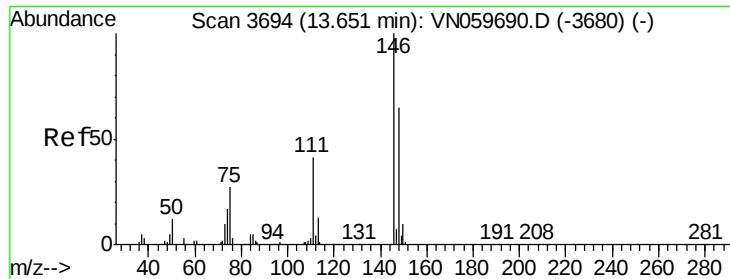
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#90
Hexachloroethane
Concen: 54.774 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 54.995 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Instrument :

MSVOA_N

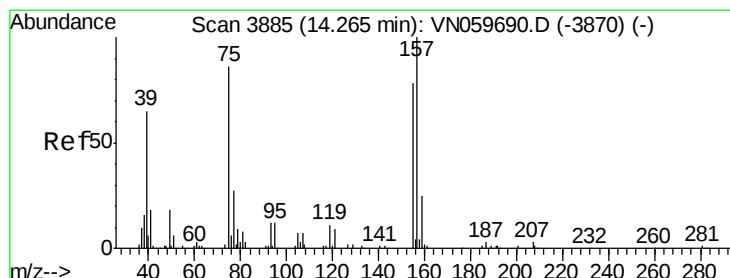
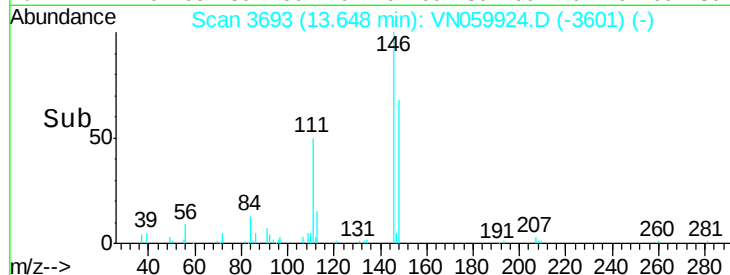
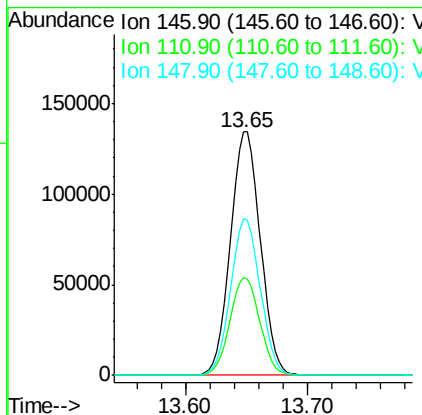
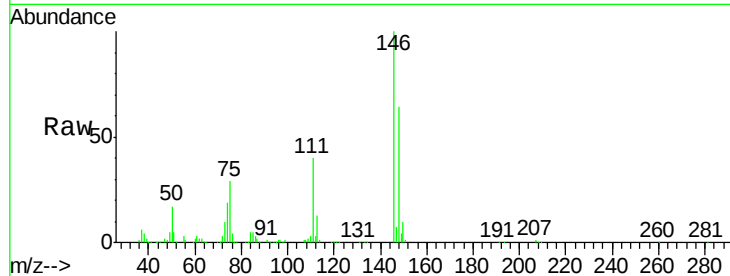
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	229225
Ion Ratio		Lower	Upper
146	100		
111	40.0	21.6	64.8
148	64.1	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.556 ug/l

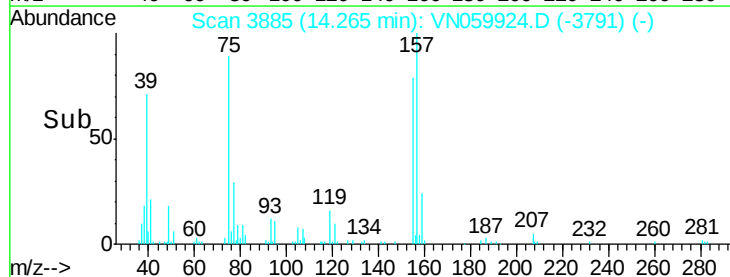
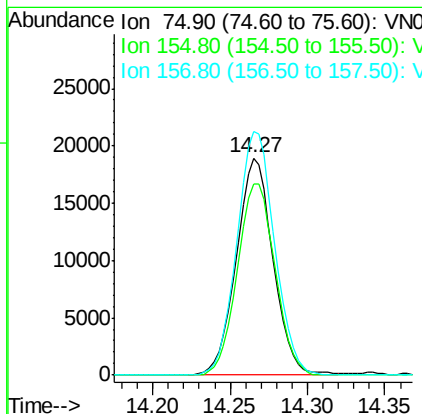
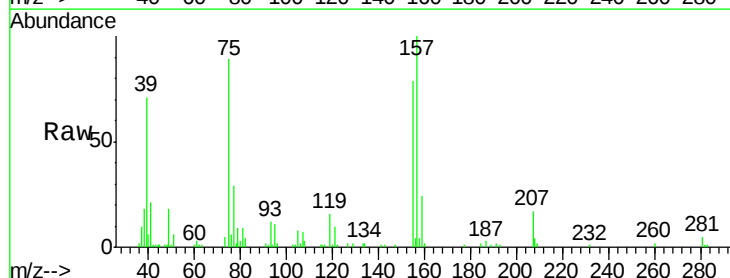
RT: 14.27 min Scan# 3885

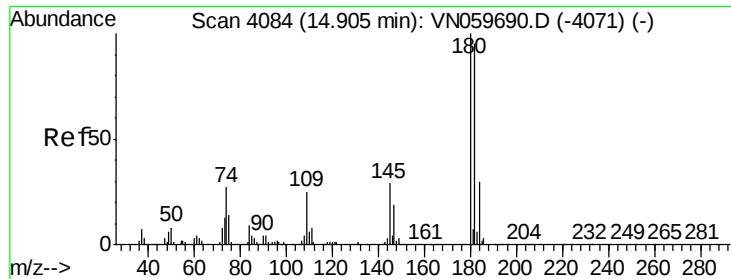
Delta R.T. 0.00 min

Lab File: VN059924.D

Acq: 30 Jan 2020 13:07

Tgt Ion:	75	Resp:	31280
Ion Ratio		Lower	Upper
75	100		
155	90.1	37.0	110.9
157	114.8	48.4	145.2





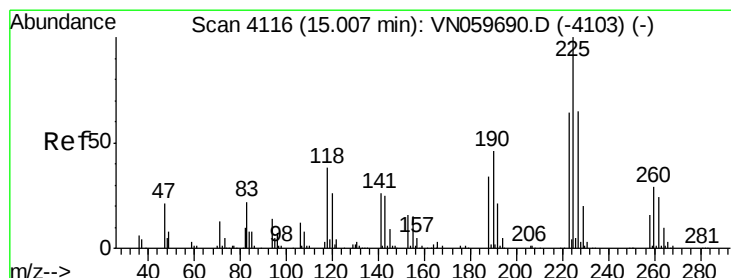
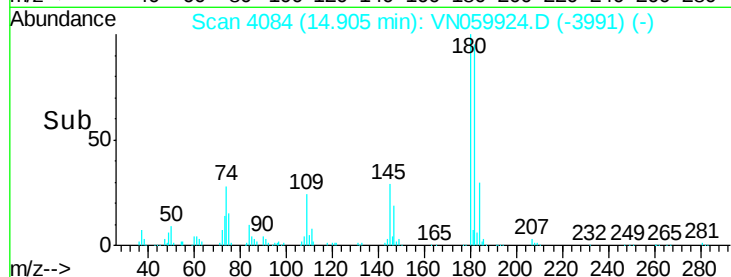
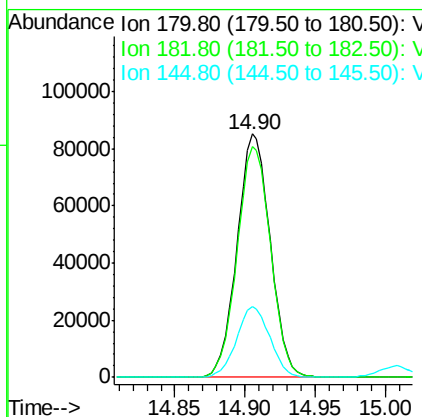
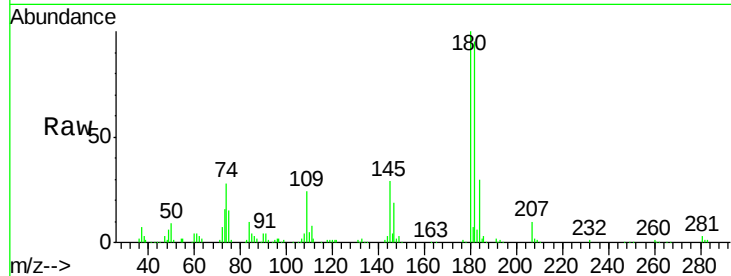
#93
 1,2,4-Trichlorobenzene
 Concen: 56.001 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140256		
182	96.0	46.9	140.7	
145	29.3	15.0	45.1	

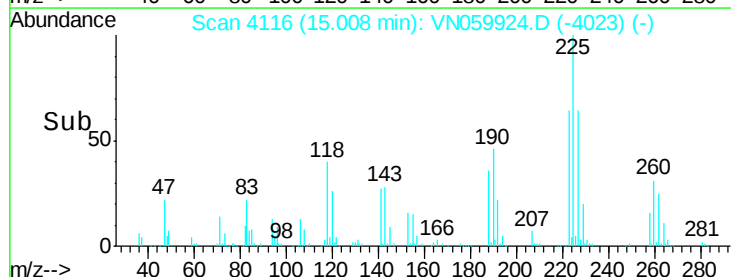
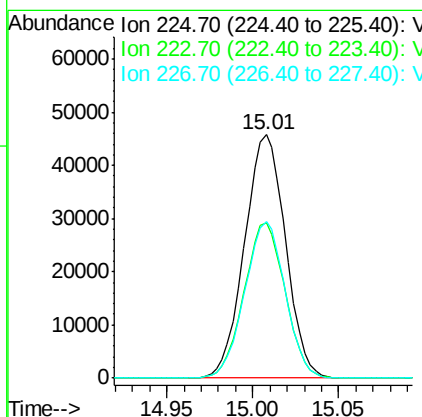
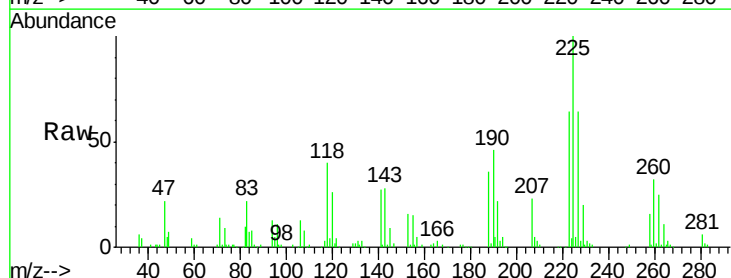
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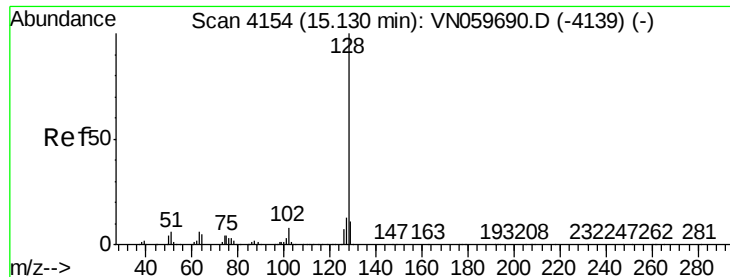
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#94
 Hexachlorobutadiene
 Concen: 54.740 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059924.D
 Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75550		
223	63.7	31.8	95.3	
227	63.5	32.1	96.5	





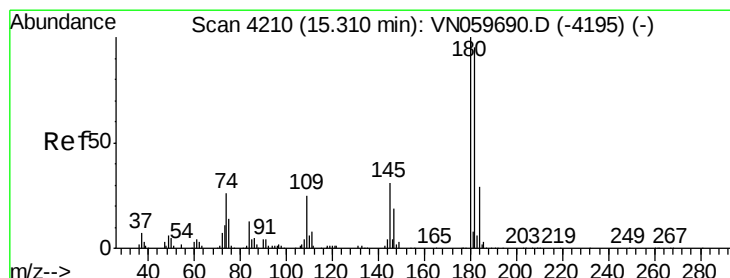
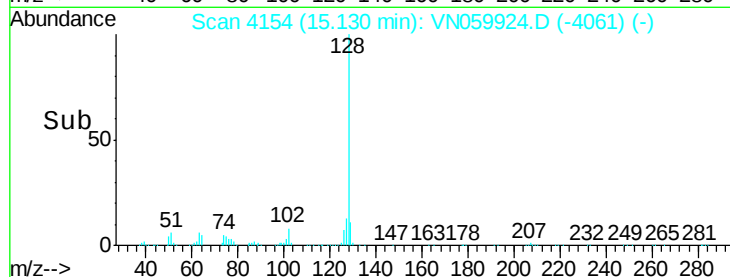
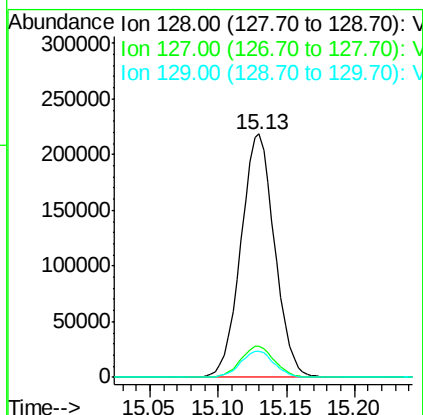
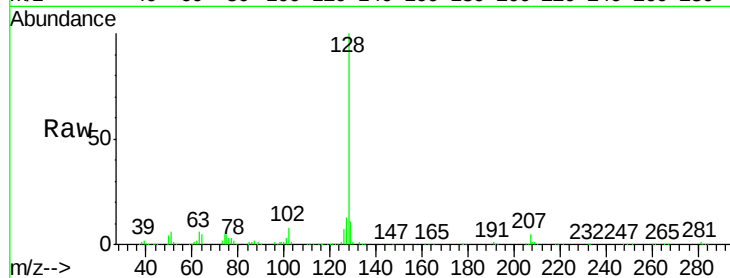
#95
Naphthalene
Concen: 52.559 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.250 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059924.D
Acq: 30 Jan 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	31.5	16.3	48.9

