

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059824.D
 Acq On : 22 Jan 2020 11:56
 Operator : JC/MD
 Sample : VN0122WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 10:14:35 AM

Quant Time: Jan 22 17:40:13 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	214596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119612	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.56	113	101954	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.08	98	386180	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	136906	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49049	19.063	ug/l	99
3) Chloromethane	2.04	50	45217	18.404	ug/l	100
4) Vinyl Chloride	2.17	62	56325	20.037	ug/l	98
5) Bromomethane	2.54	94	34979	20.390	ug/l	97
6) Chloroethane	2.68	64	25820	19.415	ug/l	98
7) Trichlorofluoromethane	3.00	101	68074	20.165	ug/l	98
8) Diethyl Ether	3.39	74	23880	20.156	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39626	21.090	ug/l	93
10) Methyl Iodide	3.93	142	57947	19.080	ug/l	94
11) Tert butyl alcohol	4.73	59	37823	94.277	ug/l	99
12) 1,1-Dichloroethene	3.72	96	37980	19.345	ug/l	87
13) Acrolein	3.58	56	23109	81.372	ug/l	97
14) Allyl chloride	4.29	41	49337	18.644	ug/l #	82
15) Acrylonitrile	4.94	53	87431	95.538	ug/l	99
16) Acetone	3.78	43	95702	112.223	ug/l	95
17) Carbon Disulfide	4.03	76	100533	17.975	ug/l	100
18) Methyl Acetate	4.29	43	52859	18.989	ug/l #	89
19) Methyl tert-butyl Ether	5.00	73	128398	20.058	ug/l	93
20) Methylene Chloride	4.53	84	41764	18.556	ug/l #	85
21) trans-1,2-Dichloroethene	5.01	96	41291	19.785	ug/l	85
22) Diisopropyl ether	5.91	45	116698	19.459	ug/l #	90
23) Vinyl Acetate	5.86	43	449290	96.763	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	71721	19.573	ug/l	99
25) 2-Butanone	6.80	43	122151	90.512	ug/l #	90
26) 2,2-Dichloropropane	6.79	77	68864	19.548	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	48187	20.075	ug/l	89
28) Bromochloromethane	7.17	49	30147	20.584	ug/l #	72
29) Tetrahydrofuran	7.18	42	75714	90.676	ug/l #	86
30) Chloroform	7.35	83	76355	20.111	ug/l	99
31) Cyclohexane	7.63	56	64123	18.186	ug/l	86
32) 1,1,1-Trichloroethane	7.55	97	70639	20.122	ug/l	95
36) 1,1-Dichloropropene	7.77	75	55625	19.317	ug/l	95
37) Ethyl Acetate	6.90	43	47613	17.629	ug/l	94
38) Carbon Tetrachloride	7.75	117	63088	20.141	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	69143	19.474	ug/l	90
40) Benzene	8.02	78	167559	19.511	ug/l	100
41) Methacrylonitrile	7.14	41	19809m	14.891	ug/l	
42) 1,2-Dichloroethane	8.10	62	59174	20.323	ug/l	97
43) Isopropyl Acetate	8.14	43	85725	18.454	ug/l #	94
44) Trichloroethene	8.82	130	49272	21.017	ug/l	94
45) 1,2-Dichloropropane	9.10	63	41844	19.691	ug/l	98
46) Dibromomethane	9.19	93	30046	20.043	ug/l	92
47) Bromodichloromethane	9.39	83	60875	20.152	ug/l	99
48) Methyl methacrylate	9.18	41	37093	17.851	ug/l	87
49) 1,4-Dioxane	9.18	88	15772	414.630	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	249190	92.795	ug/l	96
52) Toluene	10.14	92	107195	19.761	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	66603	19.746	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	72177	20.337	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	42909	19.972	ug/l	98
56) Ethyl methacrylate	10.42	69	61432	18.713	ug/l	92
57) 1,3-Dichloropropane	10.70	76	68684	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	105942	107.144	ug/l	91
59) 2-Hexanone	10.74	43	183445	92.727	ug/l	93
60) Dibromochloromethane	10.89	129	49454	20.214	ug/l	100
61) 1,2-Dibromoethane	10.99	107	45129	20.041	ug/l	100
64) Tetrachloroethene	10.62	164	49889	20.556	ug/l	96
65) Chlorobenzene	11.43	112	118797	20.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	46671	20.636	ug/l	99
67) Ethyl Benzene	11.50	91	208651	19.637	ug/l	97
68) m/p-Xylenes	11.62	106	159356	39.704	ug/l	95
69) o-Xylene	11.94	106	78008	19.853	ug/l	93
70) Styrene	11.96	104	125053	19.019	ug/l	97
71) Bromoform	12.12	173	36018	19.882	ug/l #	97
73) Isopropylbenzene	12.24	105	209207	20.400	ug/l	99
74) N-amyl acetate	12.06	43	71160	17.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	58177	19.568	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	53924m	22.914	ug/l	
77) Bromobenzene	12.52	156	53397	20.560	ug/l	81
78) n-propylbenzene	12.59	91	230773	20.048	ug/l	97
79) 2-Chlorotoluene	12.67	91	136125	19.879	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	174449	20.226	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20264	18.492	ug/l	93
82) 4-Chlorotoluene	12.77	91	138323	20.139	ug/l	94
83) tert-Butylbenzene	12.99	119	150348	20.155	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	174655	20.469	ug/l	99
85) sec-Butylbenzene	13.17	105	200087	20.416	ug/l	99
86) p-Isopropyltoluene	13.28	119	183411	20.225	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	92336	20.468	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	91368	20.302	ug/l	97
89) n-Butylbenzene	13.61	91	151141	19.547	ug/l	98
90) Hexachloroethane	13.87	117	33159	19.543	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	92072	20.644	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12455	18.189	ug/l	82

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52704	19.667	ug/l	99
94) Hexachlorobutadiene	15.01	225	30900	20.924	ug/l	98
95) Naphthalene	15.13	128	137528	18.042	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51549	19.762	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS01

Tot Ion:168 Resp: 214596

Ion Ratio Lower Upper

168 100

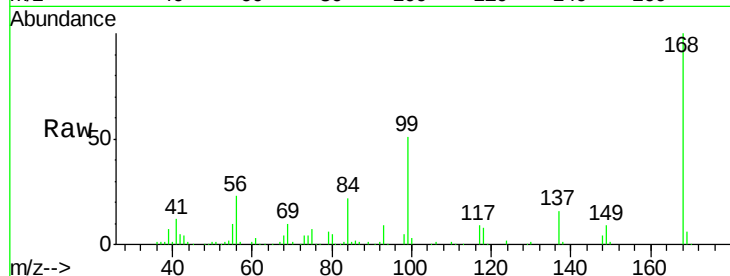
99 51.4 48.2 72.4

Manual Integrations

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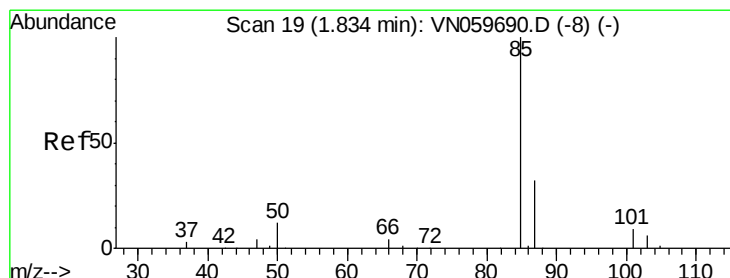
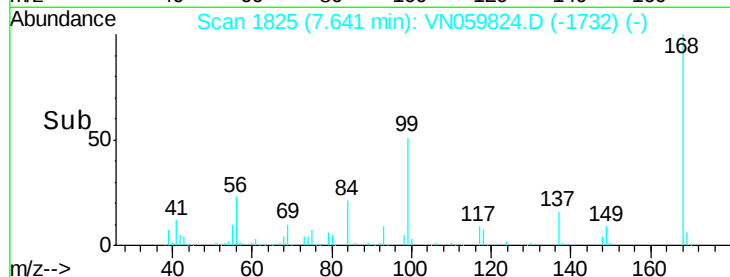
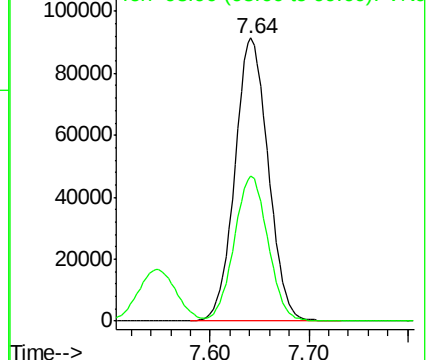
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.063 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059824.D

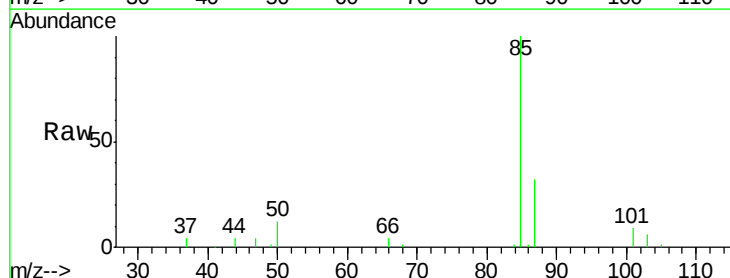
Acq: 22 Jan 2020 11:56

Tgt Ion: 85 Resp: 49049

Ion Ratio Lower Upper

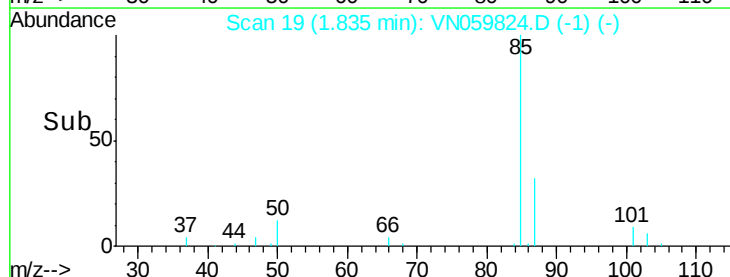
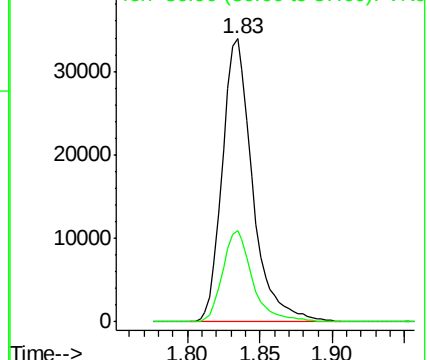
85 100

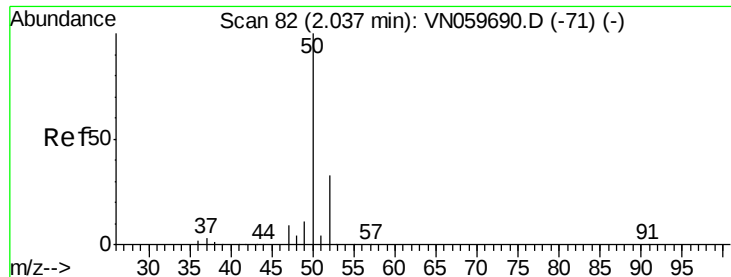
87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.404 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS01

Tot Ion: 50 Resp: 45217

Ion Ratio Lower Upper

50 100

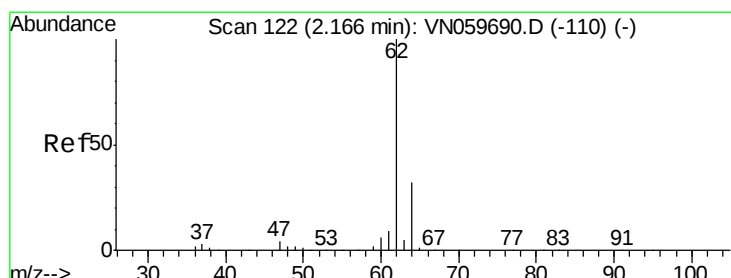
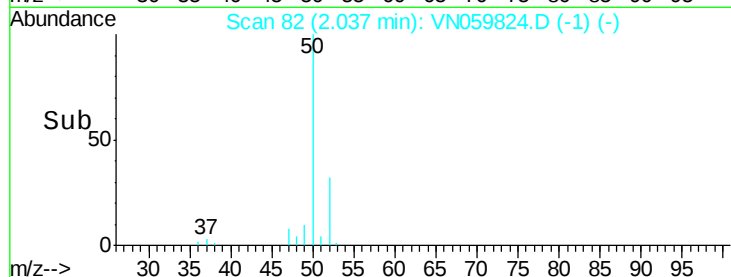
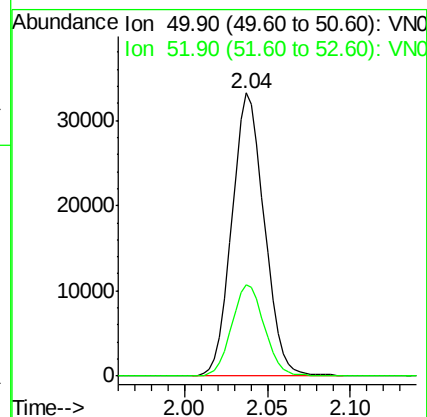
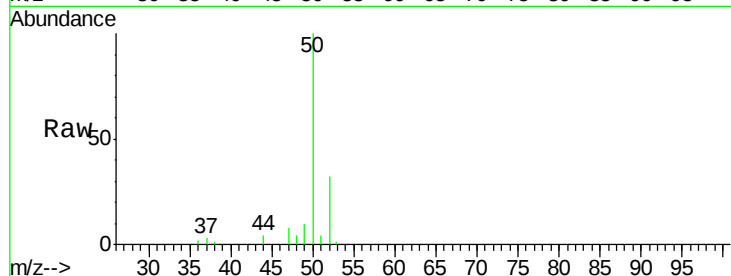
52 32.3 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.037 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059824.D

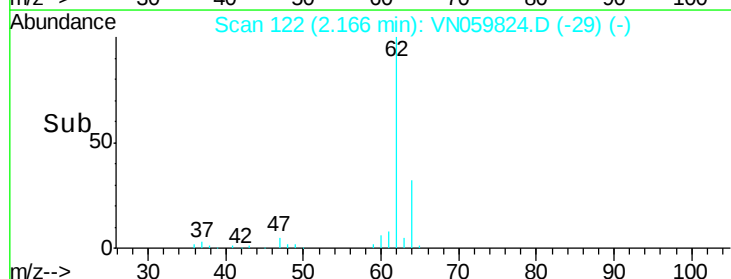
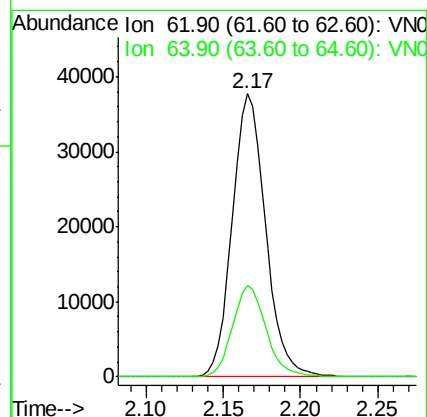
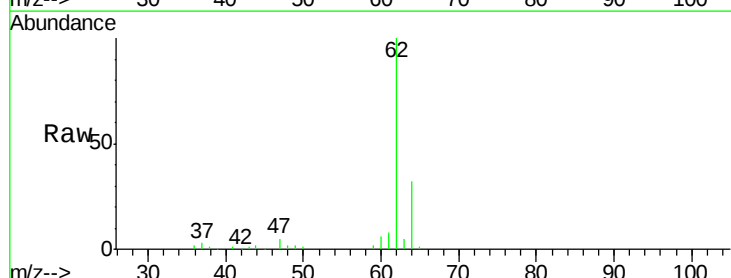
Acq: 22 Jan 2020 11:56

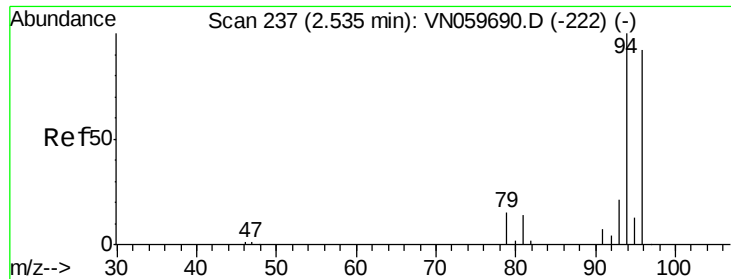
Tgt Ion: 62 Resp: 56325

Ion Ratio Lower Upper

62 100

64 32.1 24.6 37.0





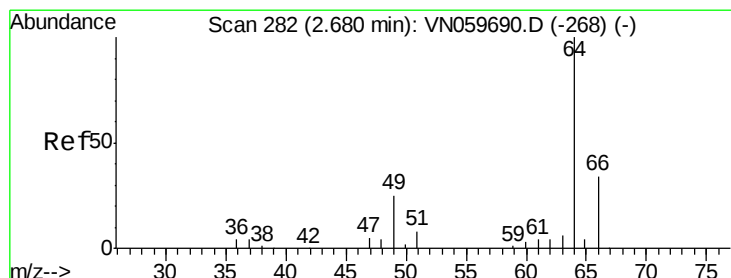
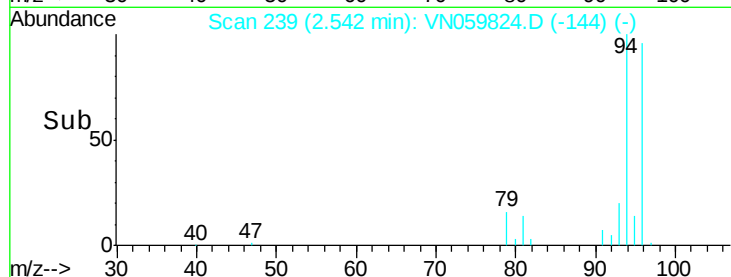
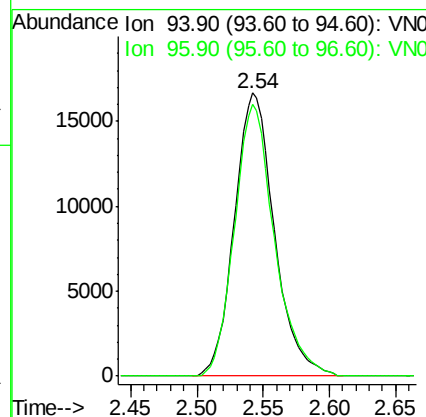
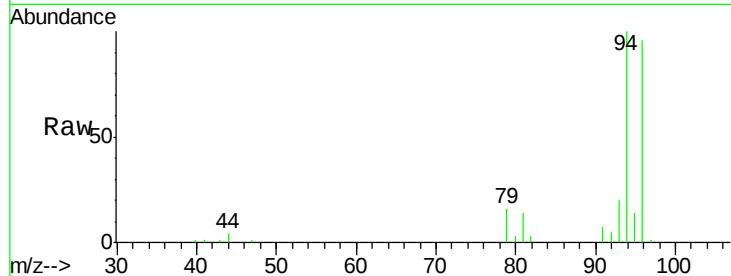
#5
Bromomethane
Concen: 20.390 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

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MSVOA_N
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Tot Ion: 94 Resp: 34979
Ion Ratio Lower Upper
94 100
96 96.1 74.7 112.1

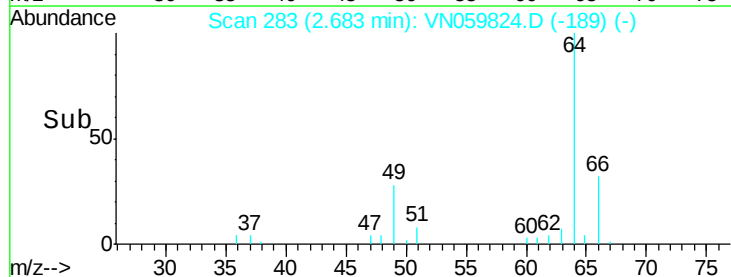
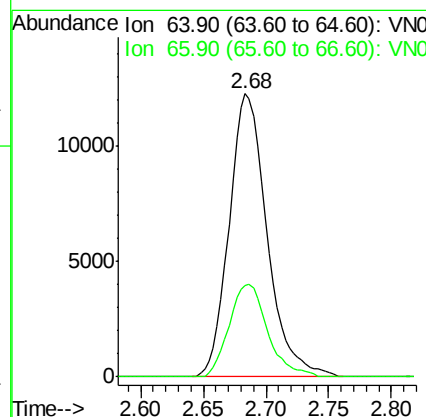
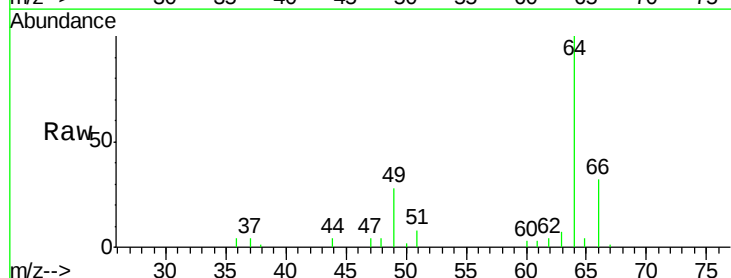
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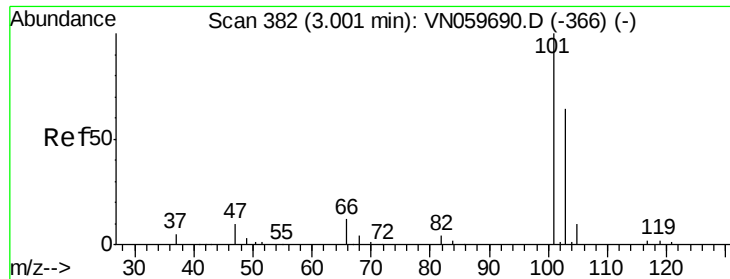
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#6
Chloroethane
Concen: 19.415 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion: 64 Resp: 25820
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7

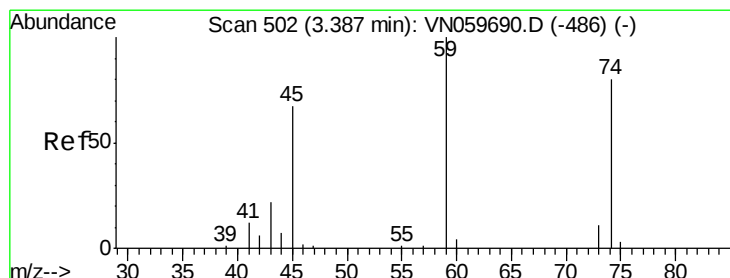
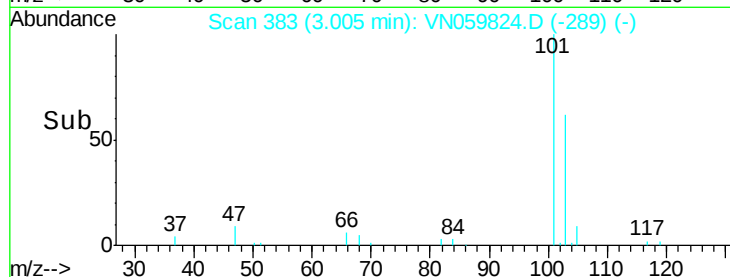
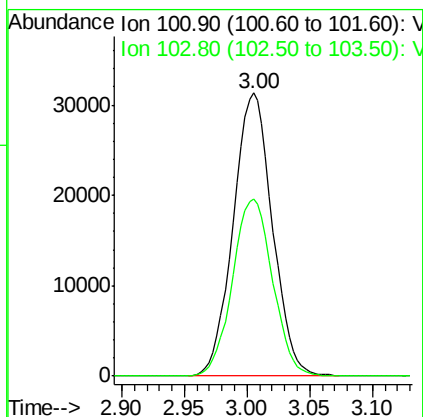
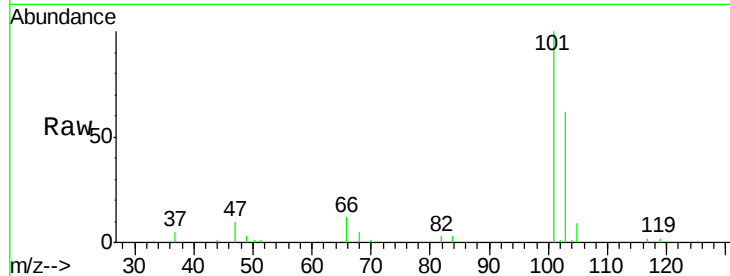
Trichlorofluoromethane
Concen: 20.165 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion:101 Resp: 68074
Ion Ratio Lower Upper
101 100
103 62.5 51.0 76.6

Manual Integrations
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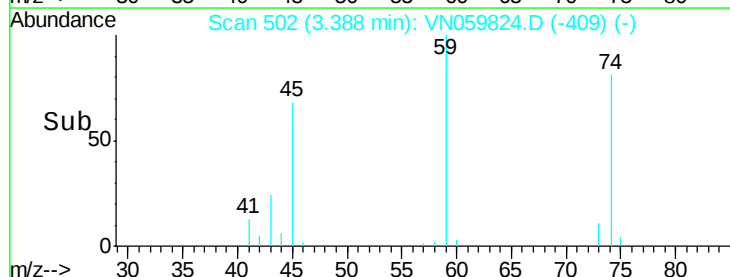
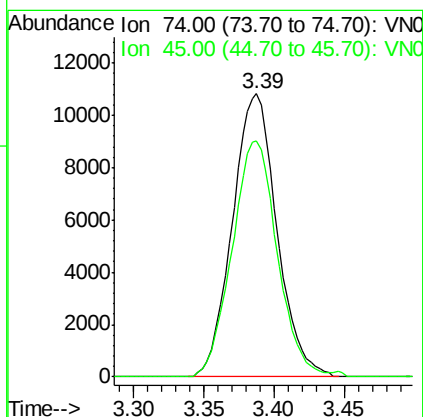
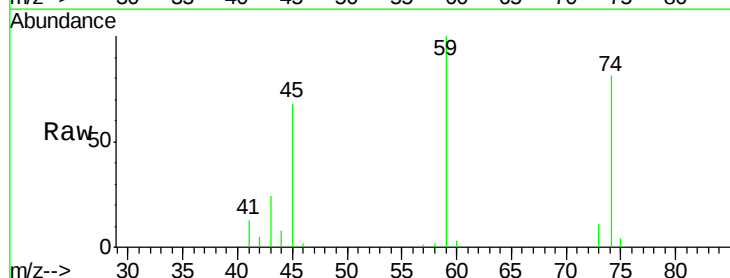
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#8

Diethyl Ether
Concen: 20.156 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion: 74 Resp: 23880
Ion Ratio Lower Upper
74 100
45 84.4 51.9 155.8





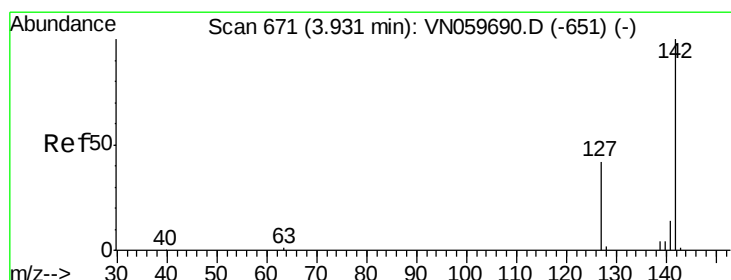
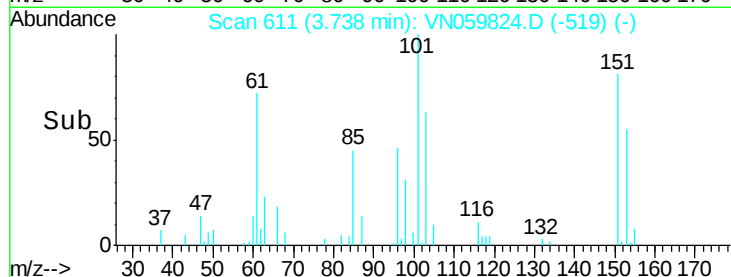
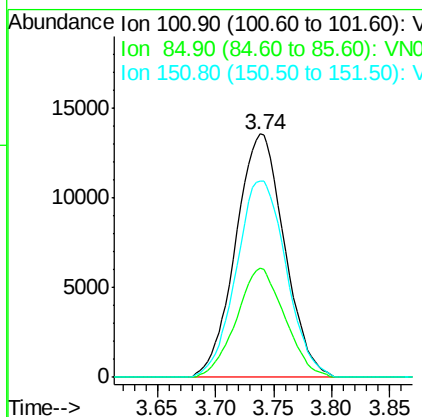
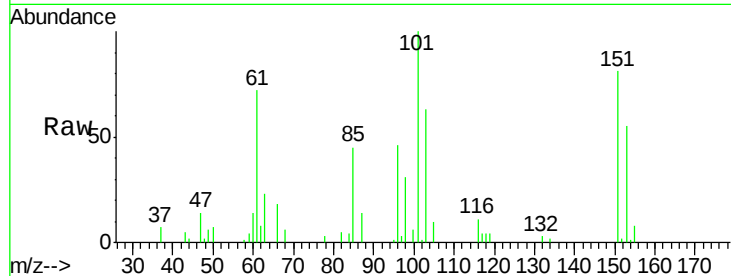
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.090 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059824.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.6	54.8
151	82.5	59.7	89.5

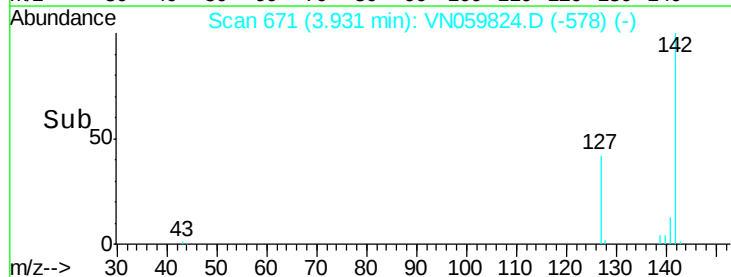
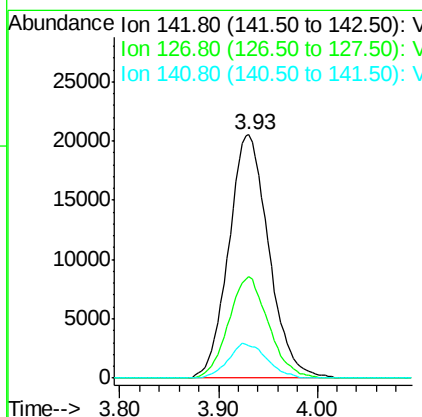
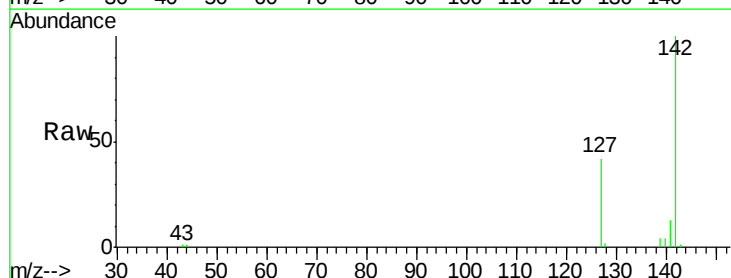
Manual Integrations
APPROVED

MMDadoda
1/24/2020 10:14:35 AM



#10
Methyl Iodide
Concen: 19.080 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.4	36.7	55.1
141	13.7	11.7	17.5





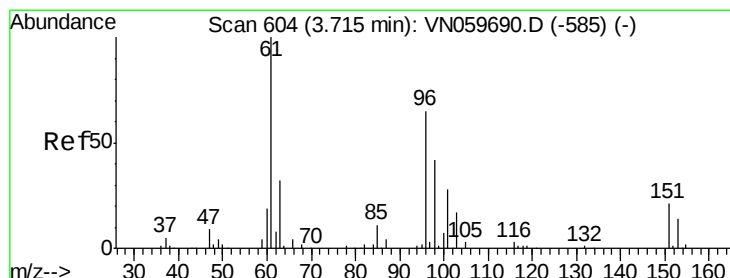
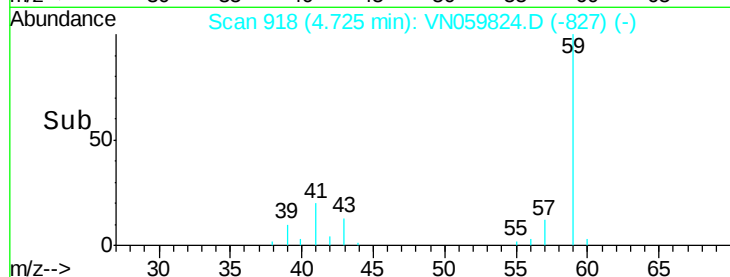
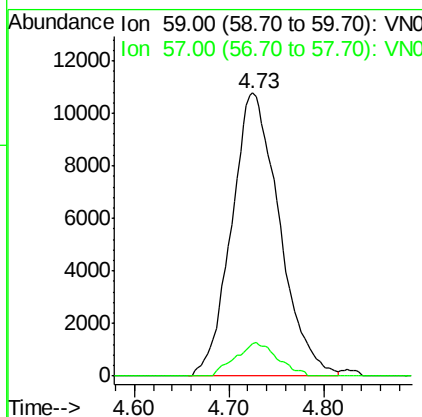
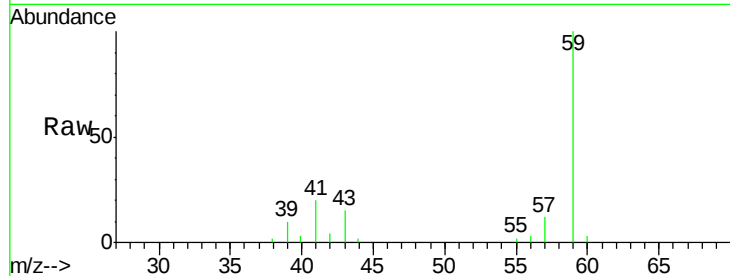
#11
Tert butyl alcohol
Concen: 94.277 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	12.8

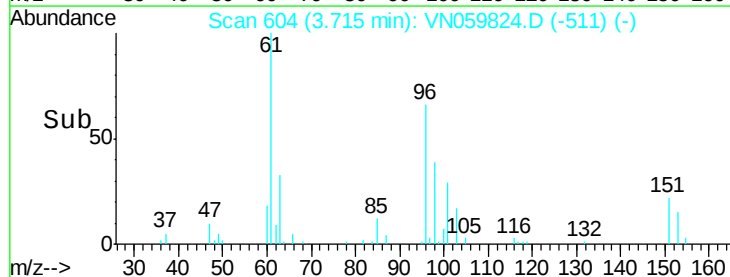
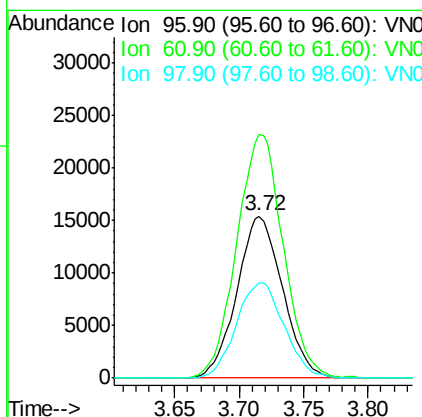
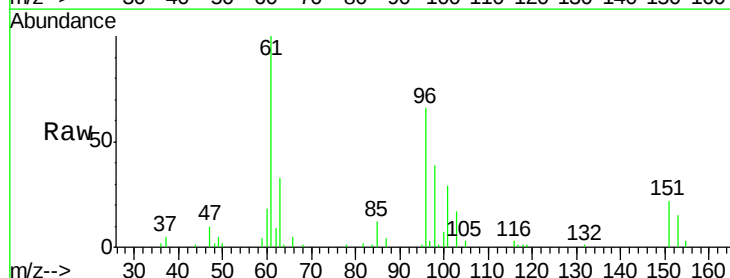
Manual Integrations
APPROVED

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1/24/2020 10:14:35 AM



#12
1,1-Dichloroethene
Concen: 19.345 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.5	137.5	206.3
98	58.7	50.2	75.4





#13

Acrolein

Concen: 81.372 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS01

Tot Ion: 56 Resp: 23109

Ion Ratio Lower Upper

56 100

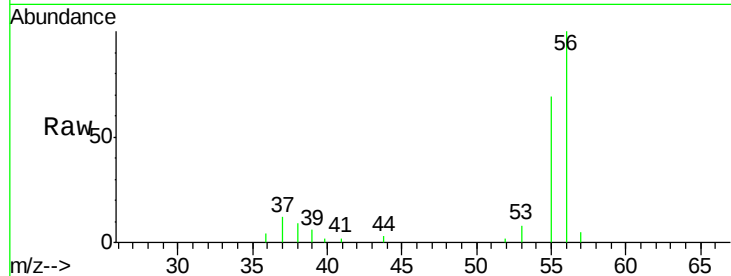
55 70.8 58.6 88.0

Manual Integrations

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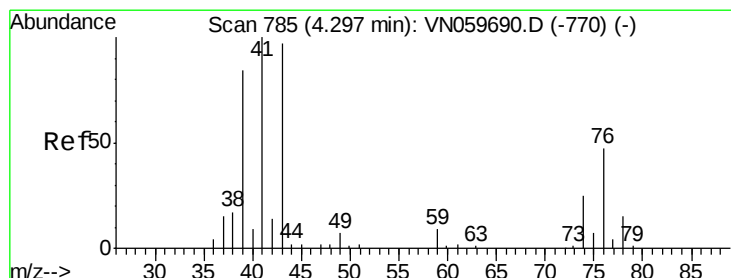
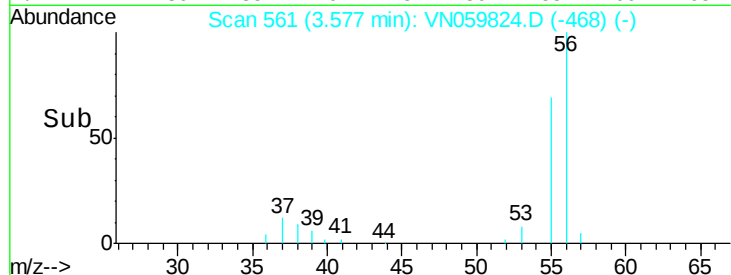
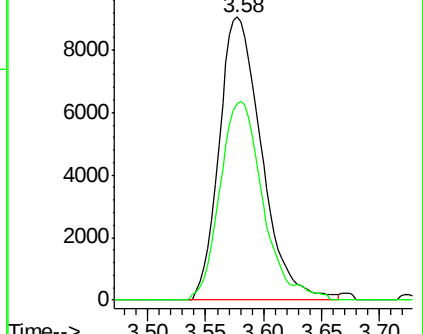
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.644 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

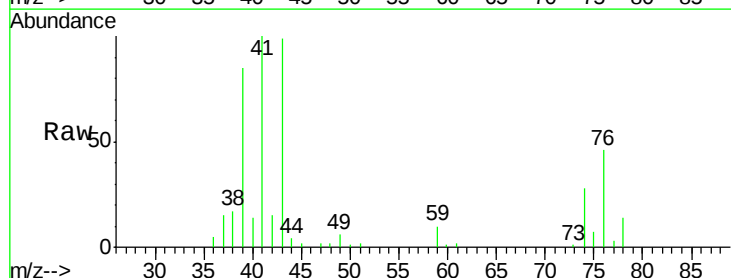
Tgt Ion: 41 Resp: 49337

Ion Ratio Lower Upper

41 100

39 84.7 57.8 86.8

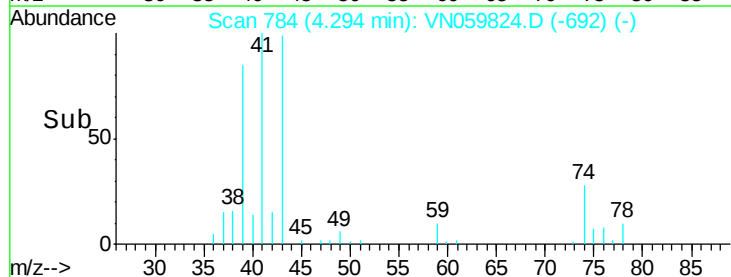
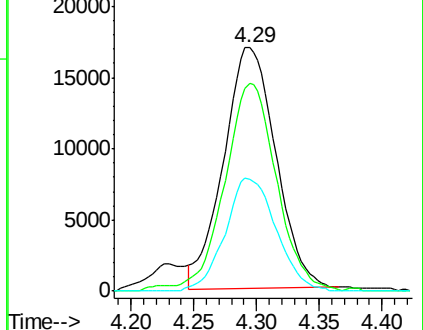
76 45.5 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.538 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

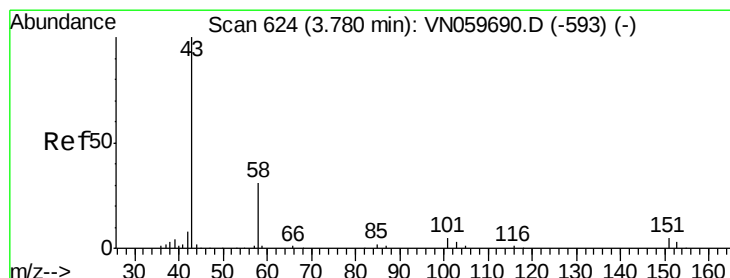
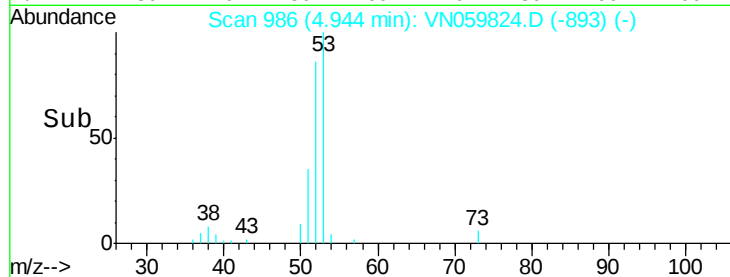
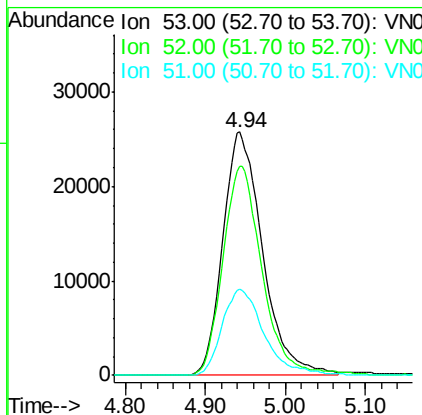
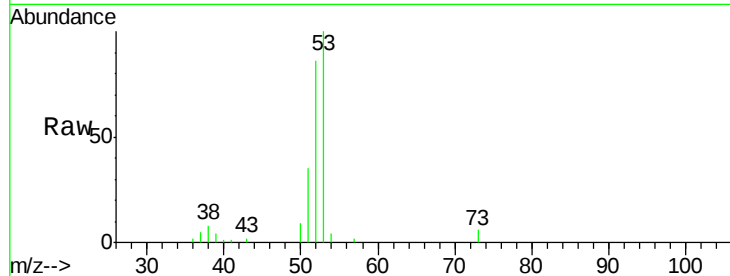
ClientSampleId :

VN0122WBS01

Tot Ion:	53	Resp:	87431
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.3	99.5
51	37.2	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 112.223 ug/l

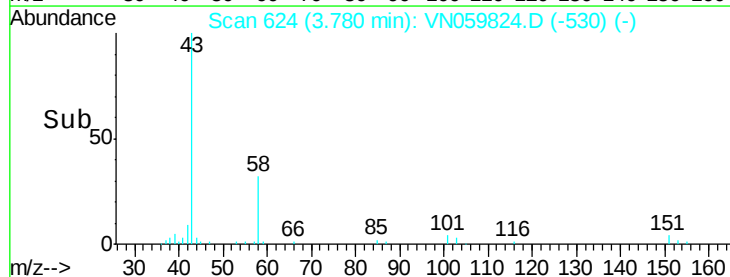
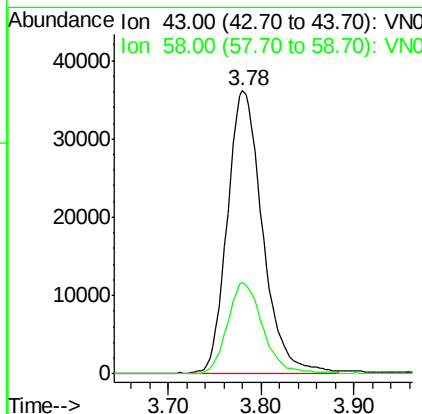
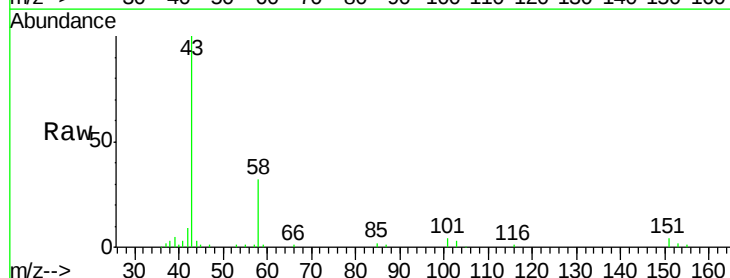
RT: 3.78 min Scan# 624

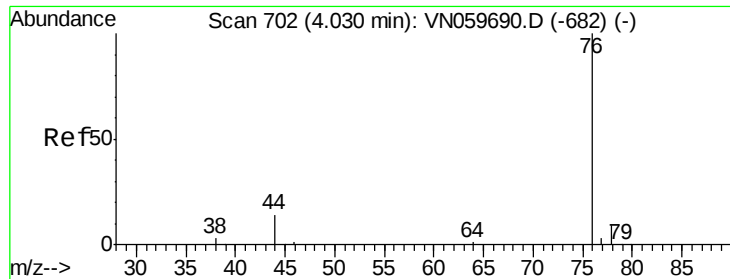
Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	43	Resp:	95702
Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.6	35.4





#17

Carbon Disulfide

Concen: 17.975 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tot Ion: 76 Resp: 100533

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

Instrument :

MSVOA_N

ClientSampleId :

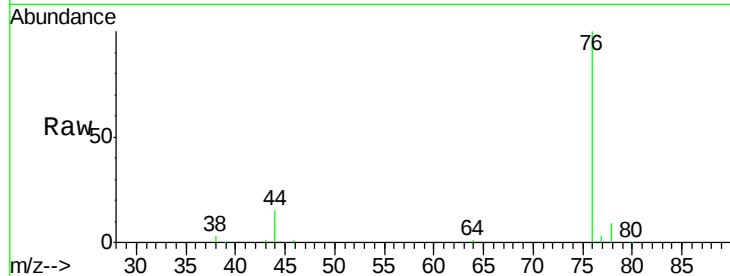
VN0122WBS01

Manual Integrations

APPROVED

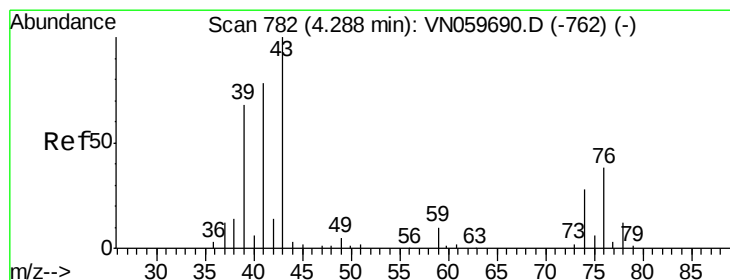
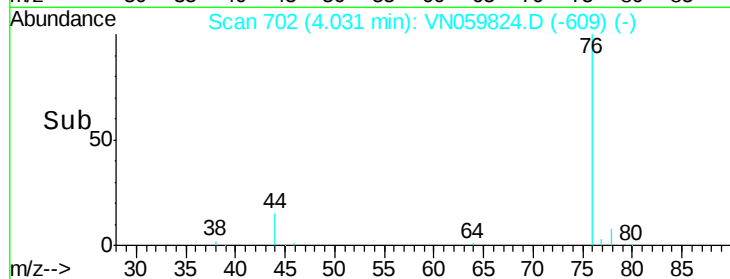
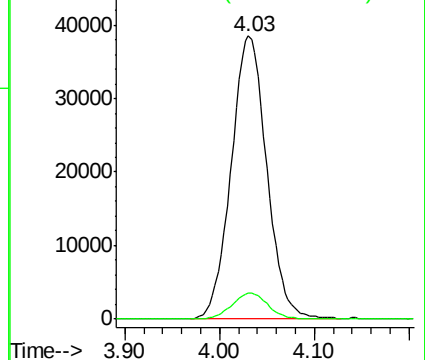
MMDadoda

1/24/2020 10:14:35 AM



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 18.989 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059824.D

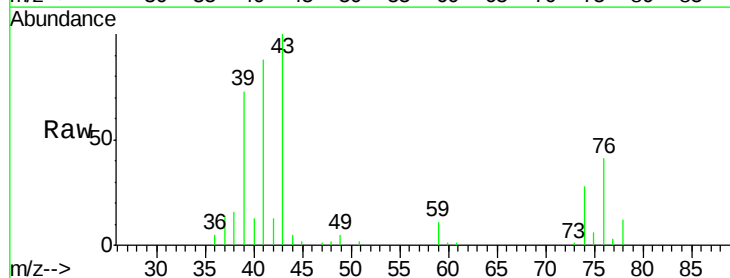
Acq: 22 Jan 2020 11:56

Tgt Ion: 43 Resp: 52859

Ion Ratio Lower Upper

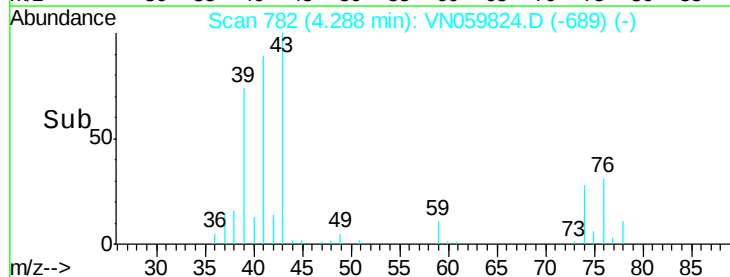
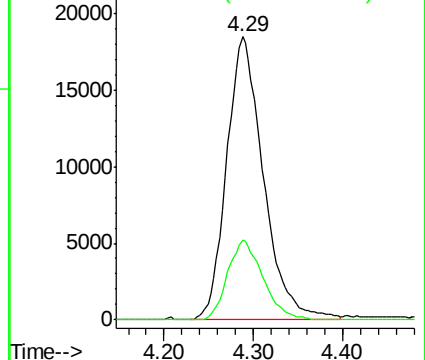
43 100

74 27.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#19

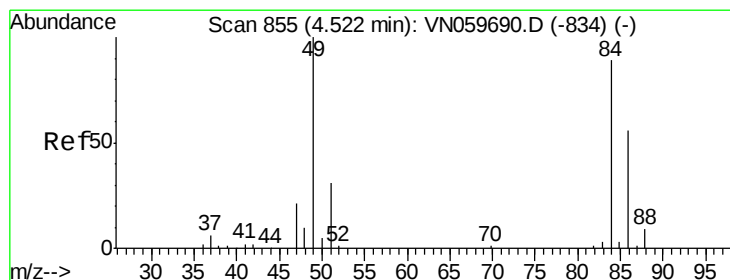
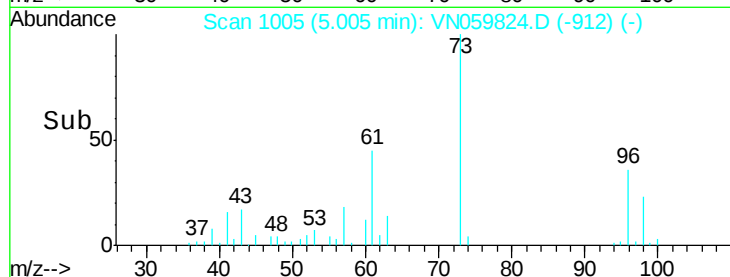
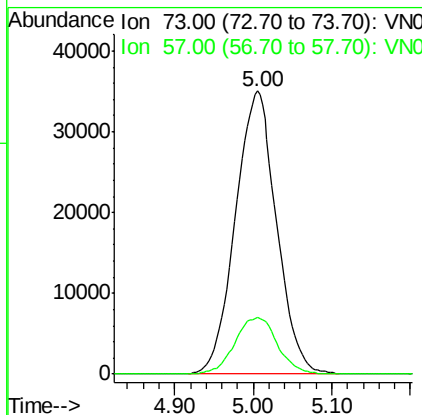
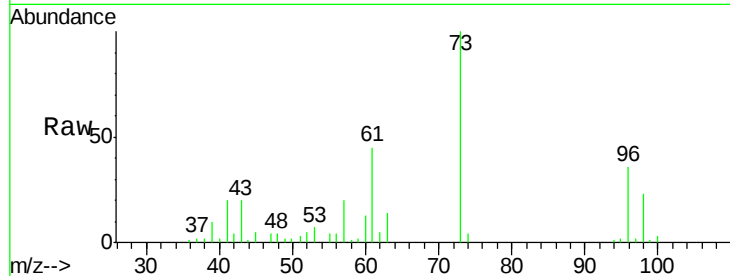
Methyl tert-butyl Ether
Concen: 20.058 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	18.6	27.8

Manual Integrations
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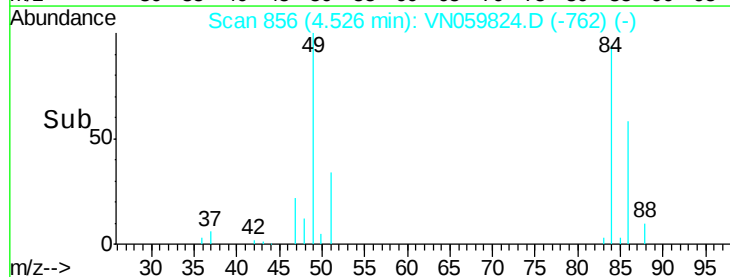
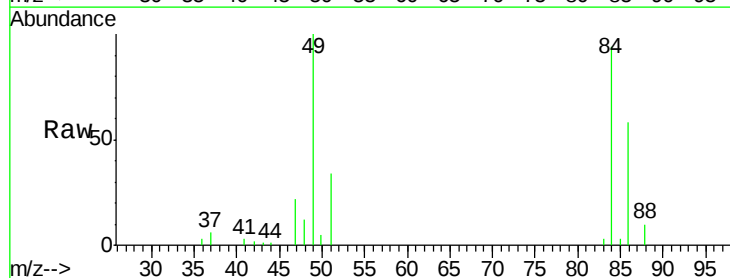
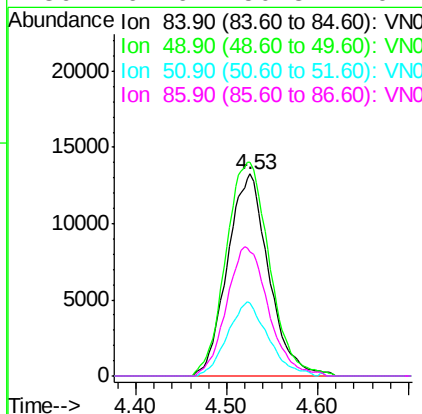
MMDadoda
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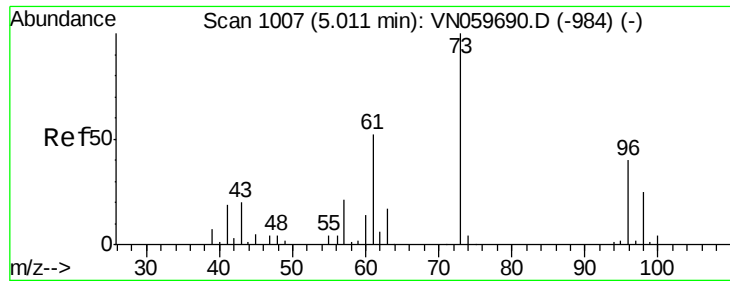


#20

Methylene Chloride
Concen: 18.556 ug/l
RT: 4.53 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.9	106.6	160.0#
51	36.3	31.9	47.9
86	61.6	50.8	76.2





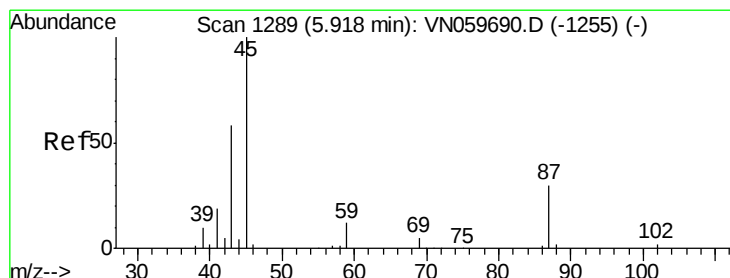
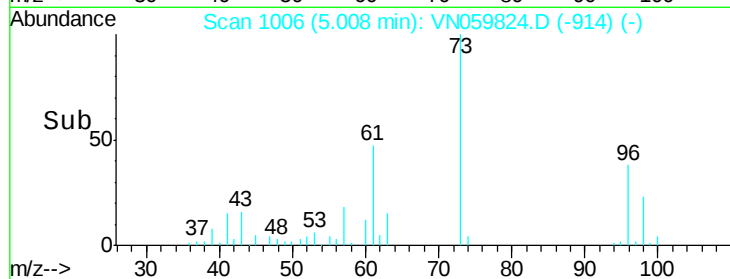
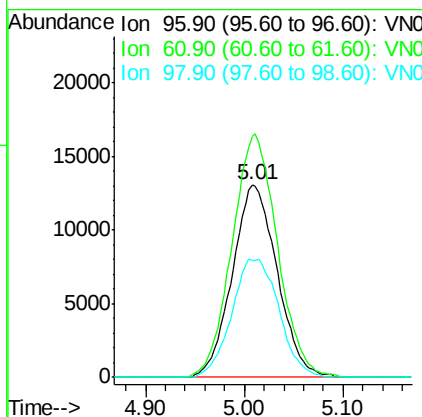
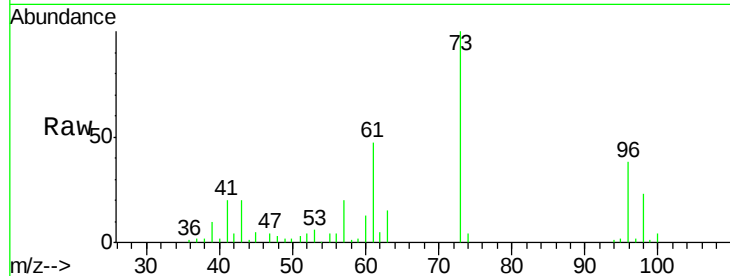
#21
trans-1,2-Dichloroethene
Concen: 19.785 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	120.4	180.6
98	60.9	50.6	75.8

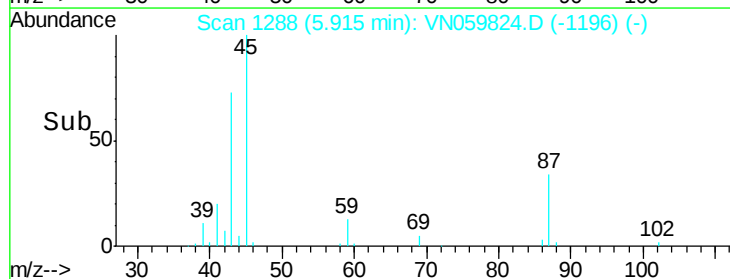
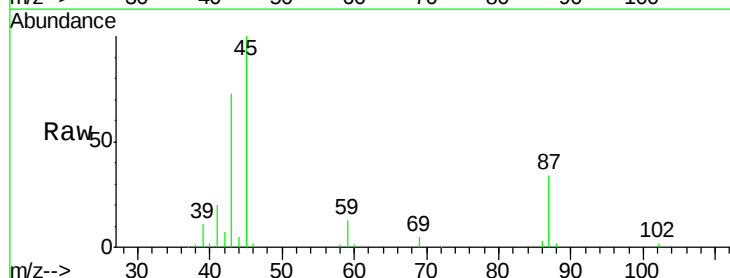
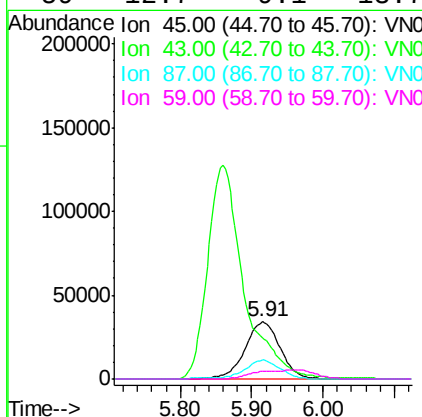
Manual Integrations
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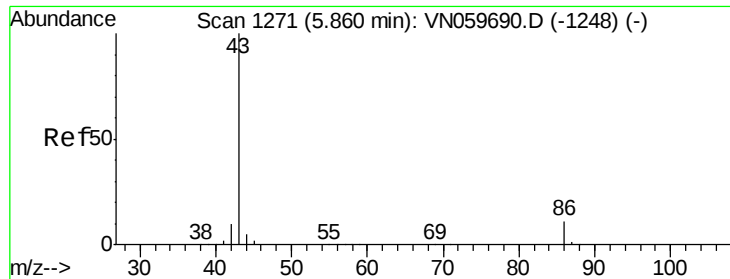
MMDadoda
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#22
Diisopropyl ether
Concen: 19.459 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.7	50.8	76.2
87	33.6	21.0	31.6
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 96.763 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0122WBS01

Tot Ion: 43 Resp: 449290

Ion Ratio Lower Upper

43 100

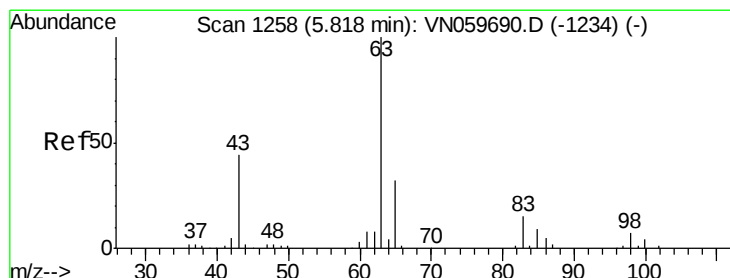
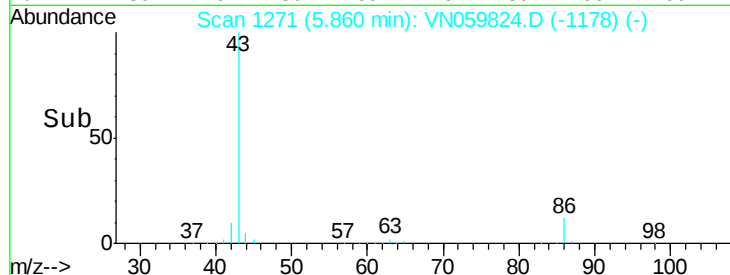
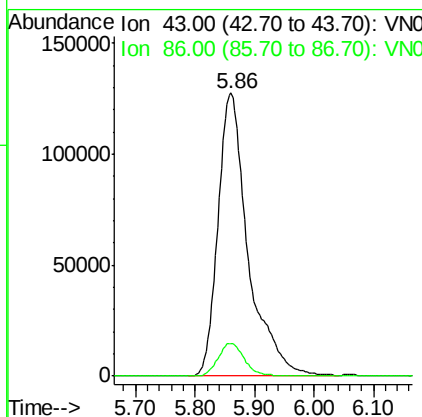
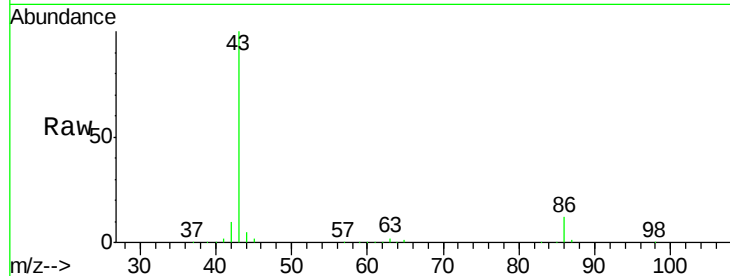
86 11.6 7.6 11.4#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.573 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

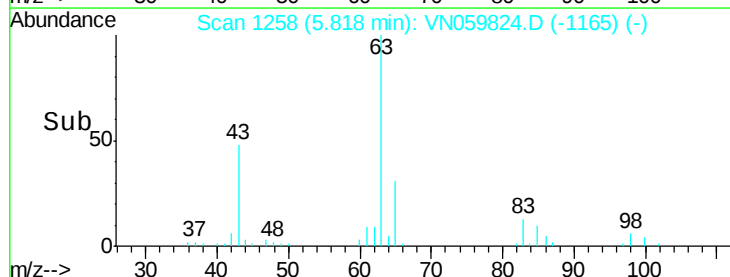
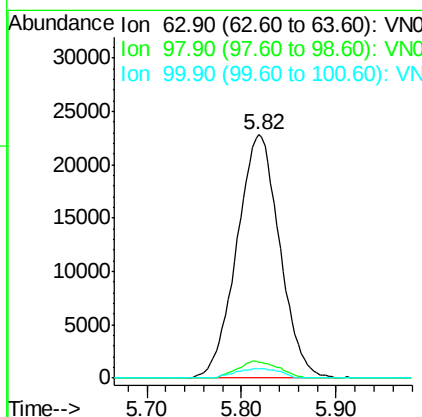
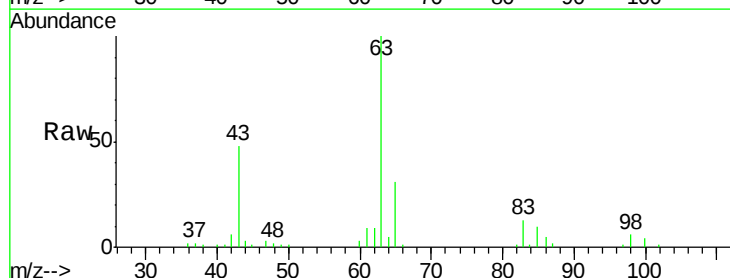
Tgt Ion: 63 Resp: 71721

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 3.9 2.0 6.0





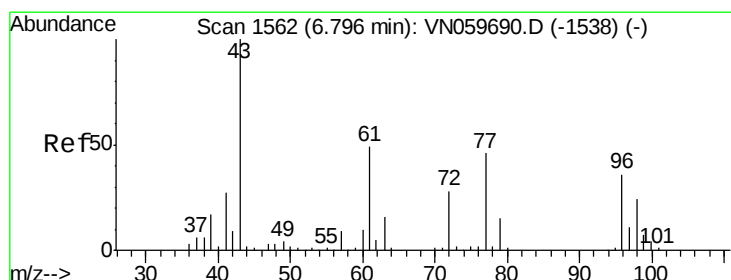
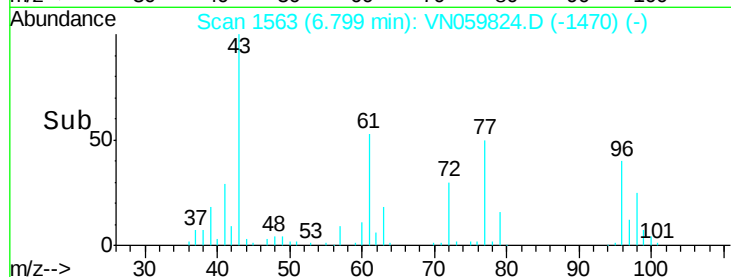
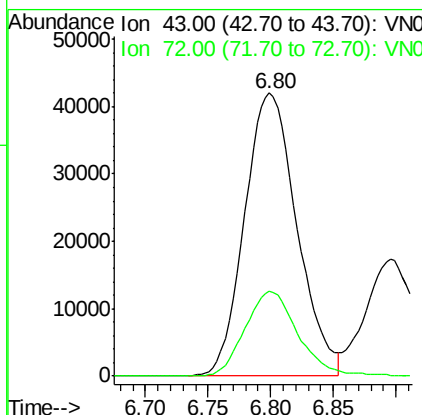
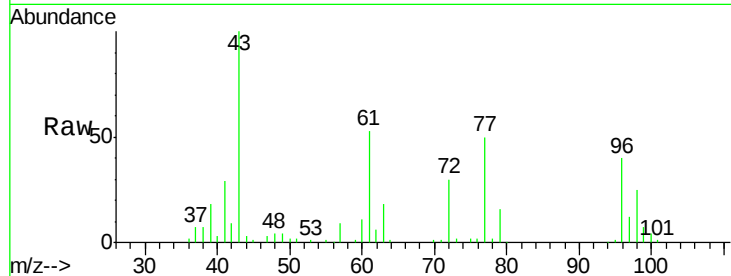
#25
2-Butanone
Concen: 90.512 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion: 43 Resp: 122151
Ion Ratio Lower Upper
43 100
72 29.9 19.9 29.9#

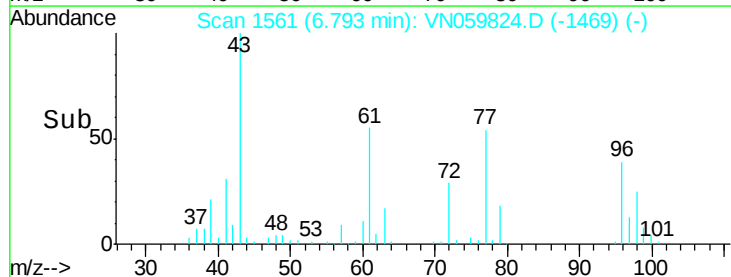
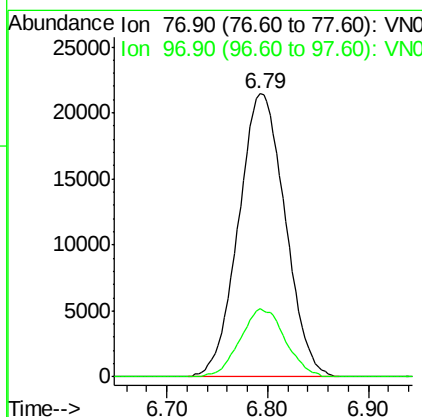
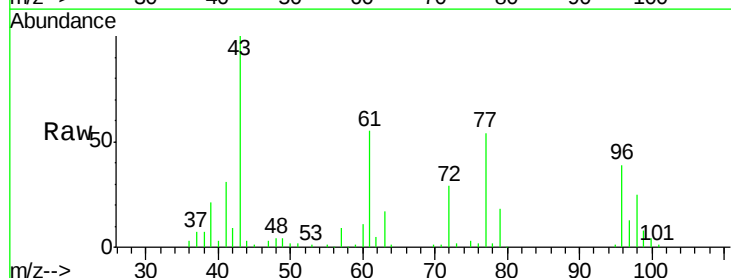
Manual Integrations
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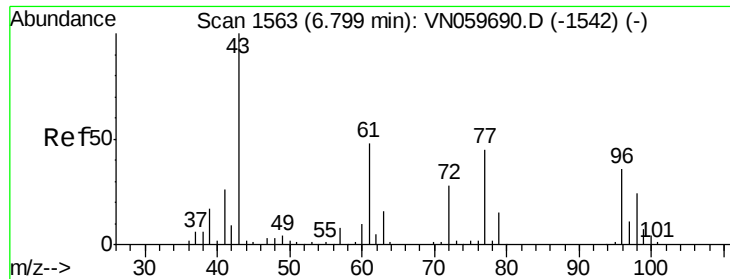
MMDadoda
1/24/2020 10:14:35 AM



#26
2,2-Dichloropropane
Concen: 19.548 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion: 77 Resp: 68864
Ion Ratio Lower Upper
77 100
97 23.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 20.075 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

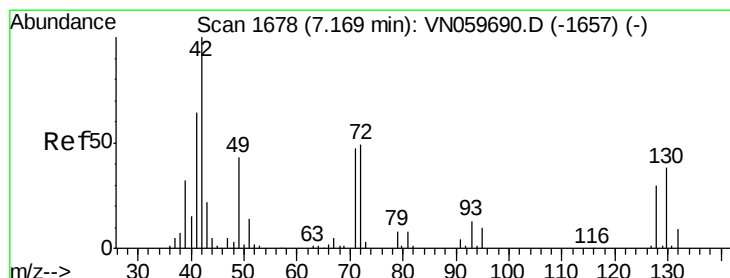
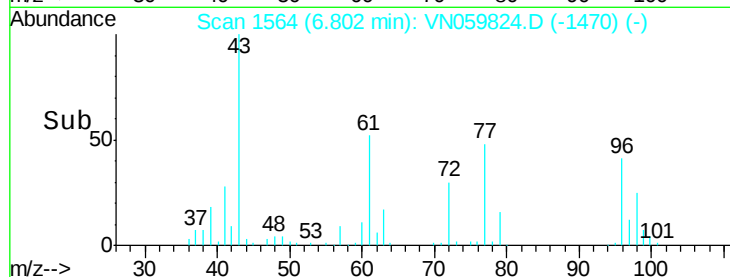
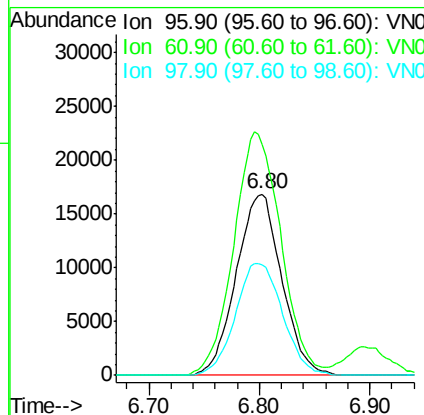
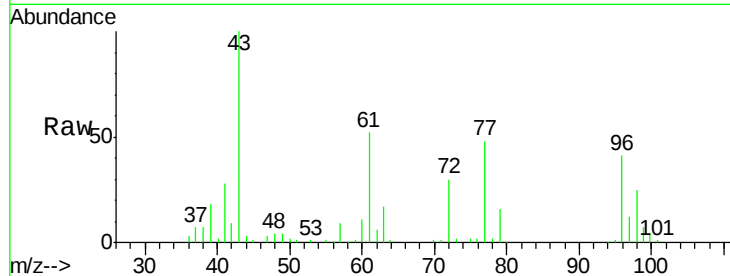
ClientSampleId :

VN0122WBS01

Tot Ion:	96	Resp:	48187
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	317.6
98	64.1	0.0	127.0

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#28

Bromochloromethane

Concen: 20.584 ug/l

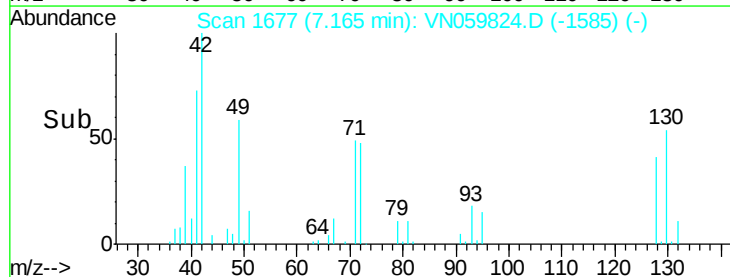
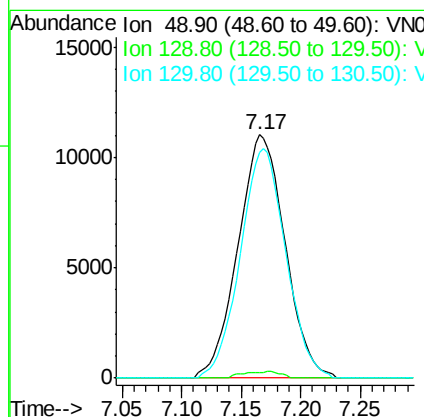
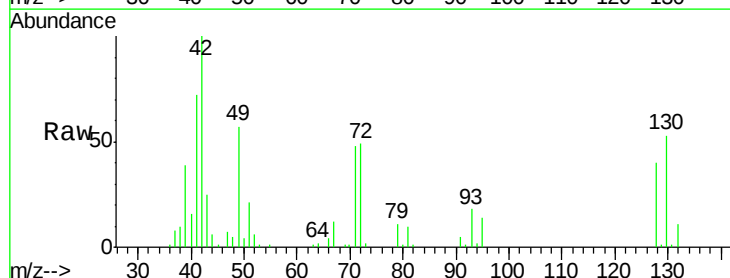
RT: 7.17 min Scan# 1677

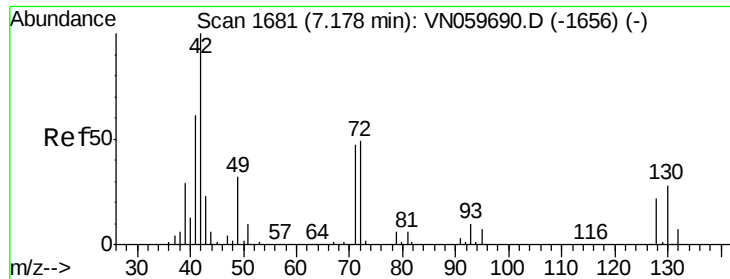
Delta R.T. -0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	49	Resp:	30147
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.4
130	91.2	54.7	82.1#





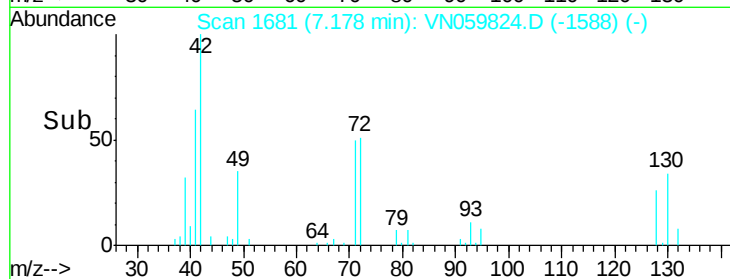
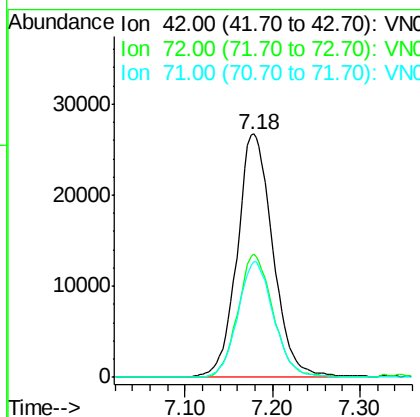
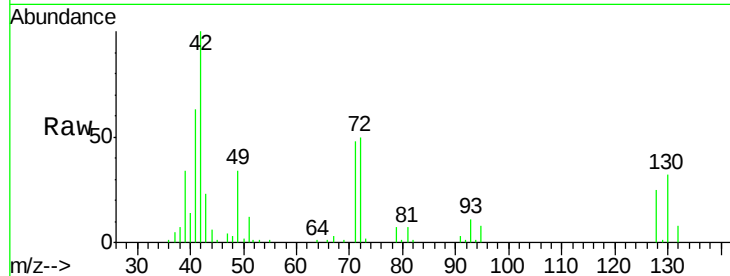
#29
Tetrahydrofuran
Concen: 90.676 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	33.1	49.7#
71	47.6	31.4	47.0#

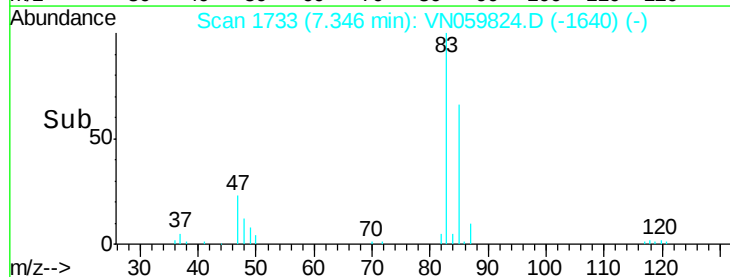
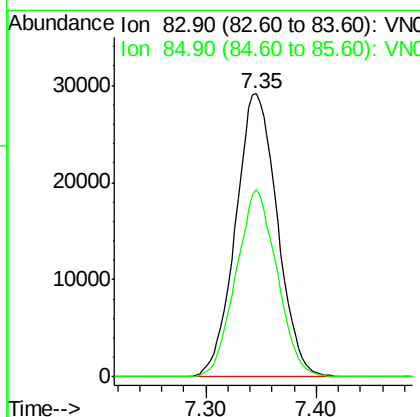
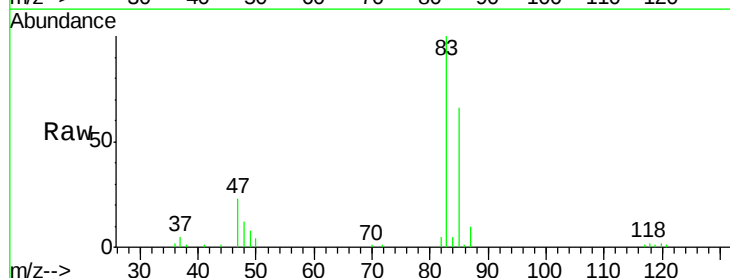
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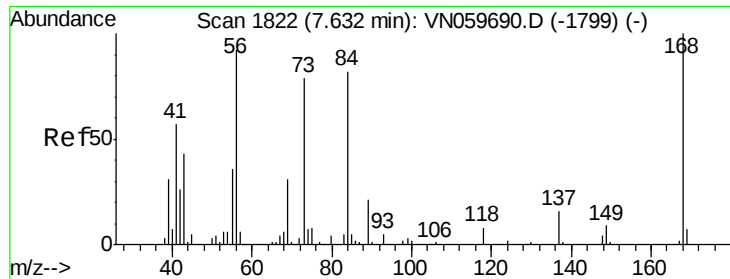
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#30
Chloroform
Concen: 20.111 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.4	78.6





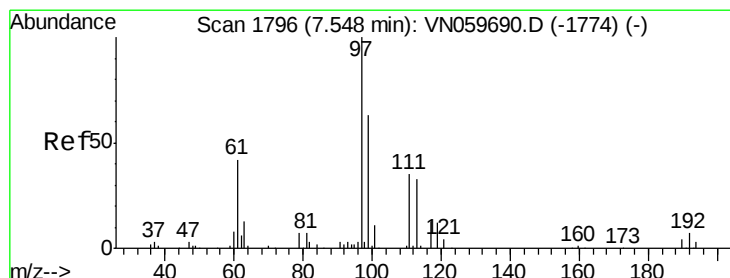
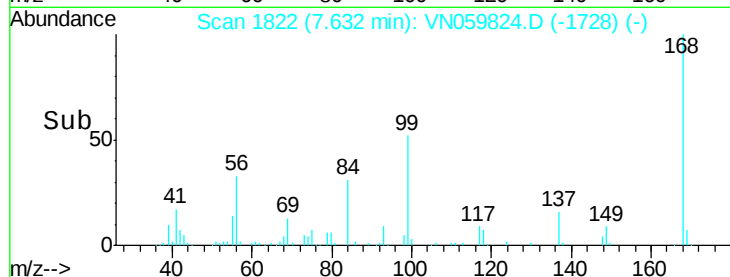
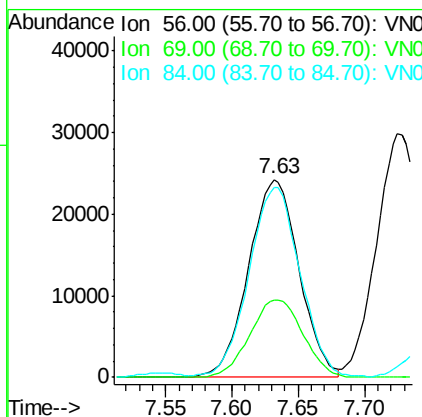
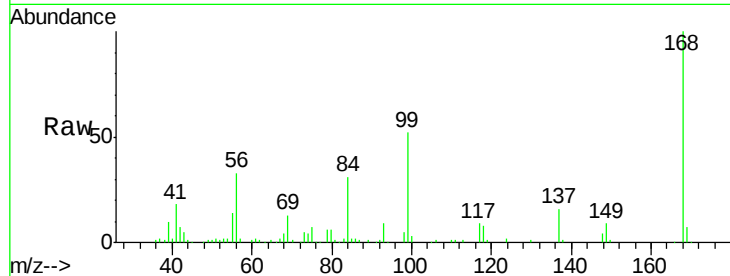
#31
Cyclohexane
Concen: 18.186 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.3	26.5	39.7
84	95.3	65.3	97.9

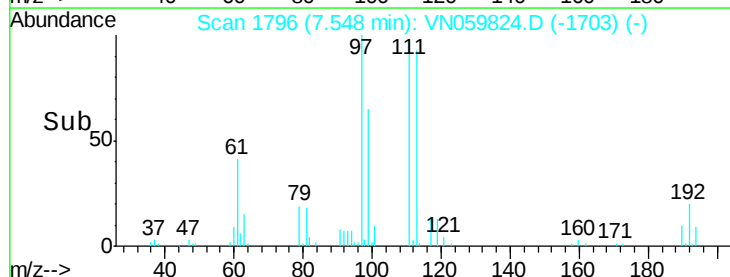
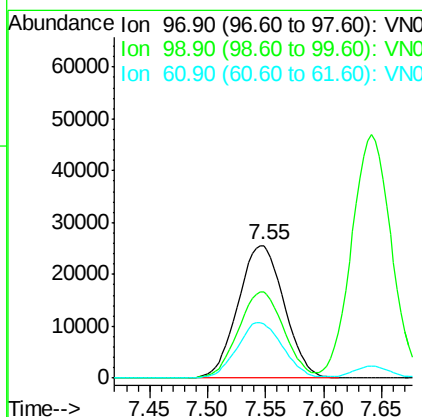
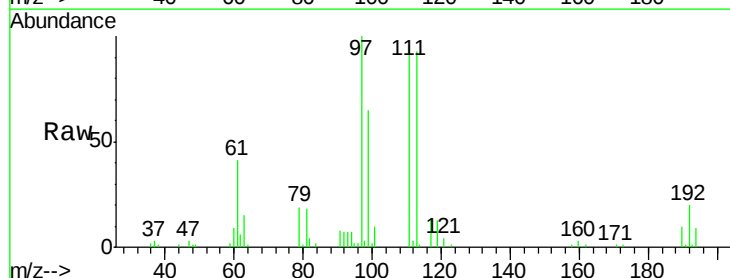
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#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	41.6	38.5	57.7





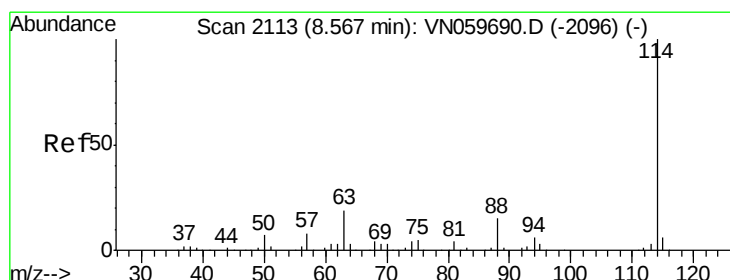
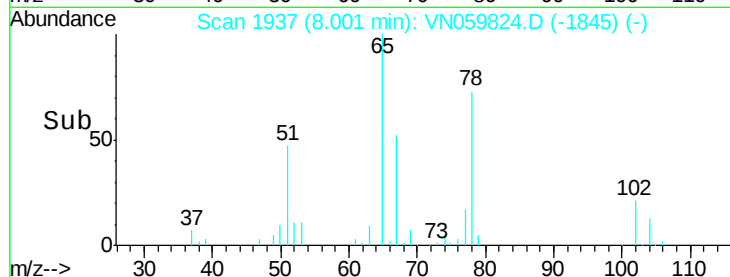
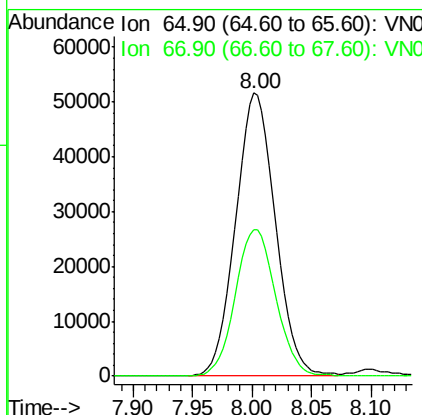
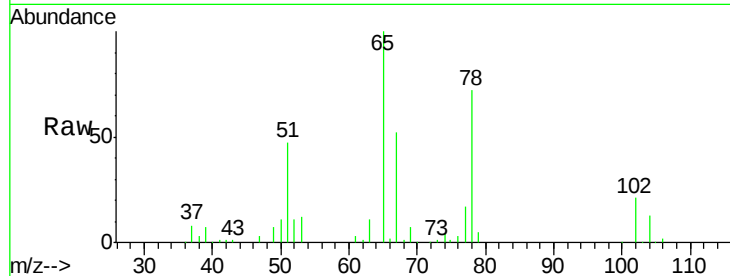
#33
 1,2-Dichloroethane-d4
 Concen: 50.191 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119612		
67	52.6	0.0	103.0	

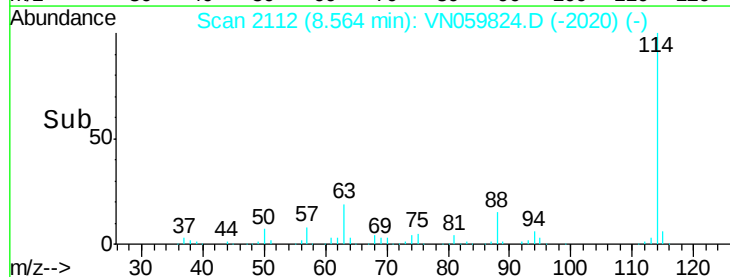
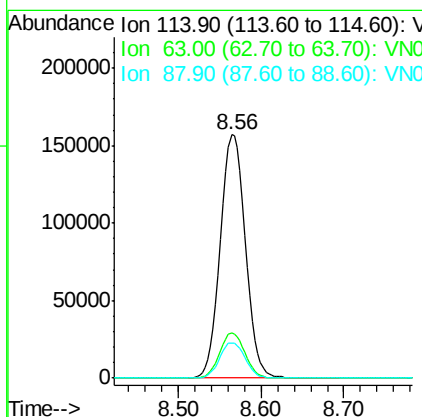
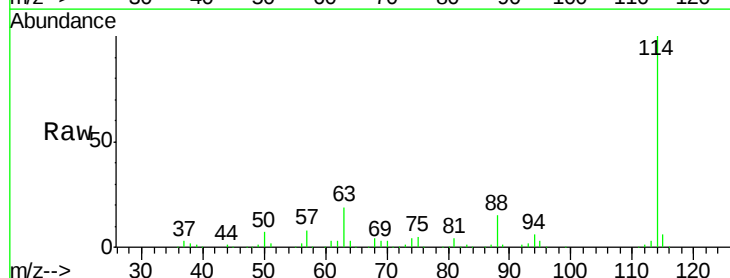
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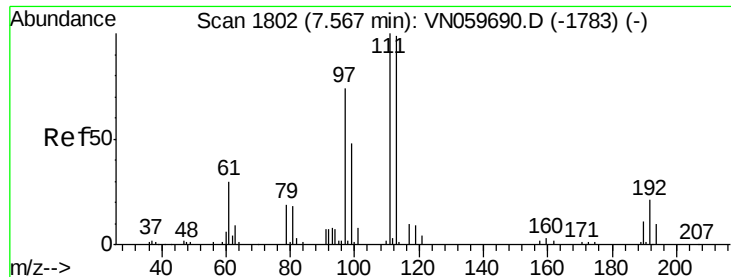
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330665		
63	18.6	0.0	43.6	
88	14.6	0.0	31.4	





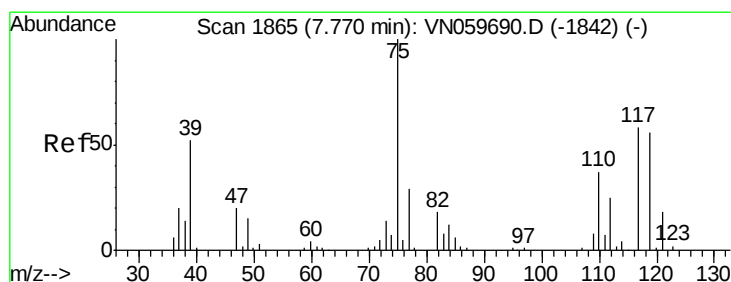
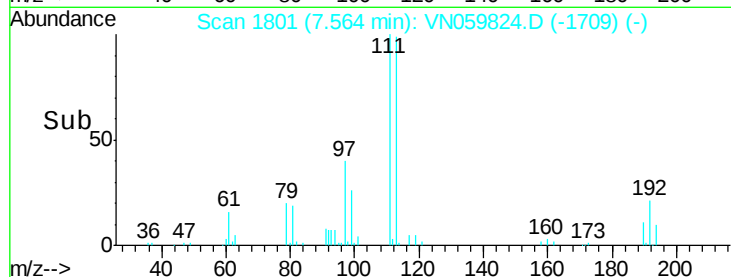
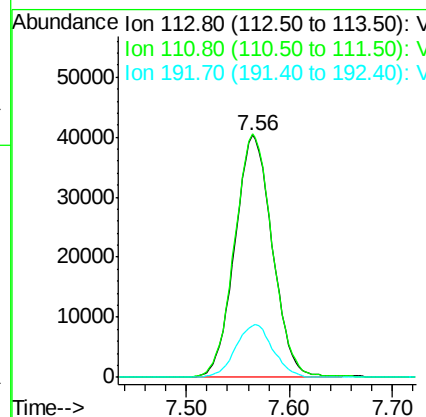
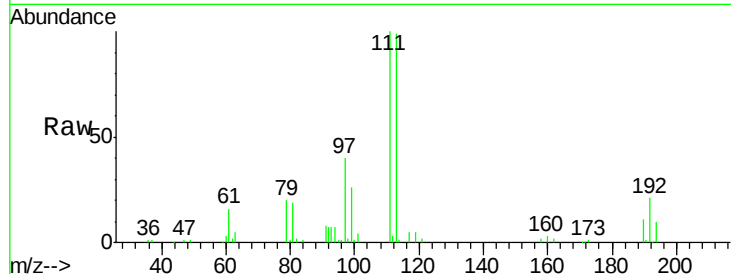
#35
 Dibromofluoromethane
 Concen: 51.703 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101954		
111	101.7	83.5	125.3	
192	21.5	15.4	23.2	

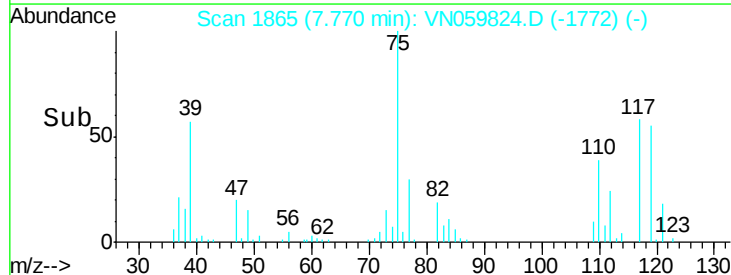
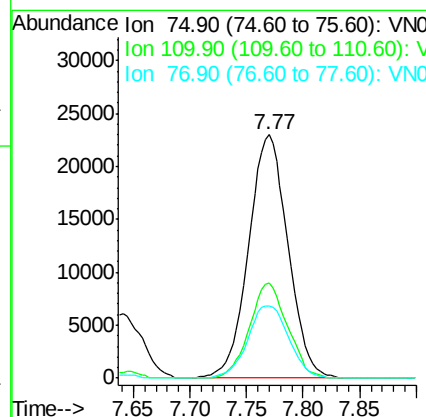
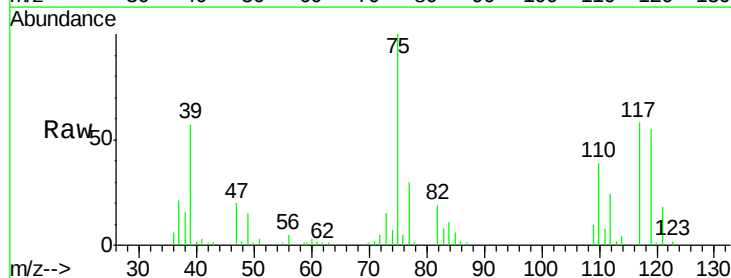
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#36
 1,1-Dichloropropene
 Concen: 19.317 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55625		
110	37.7	16.6	49.7	
77	30.9	25.1	37.7	





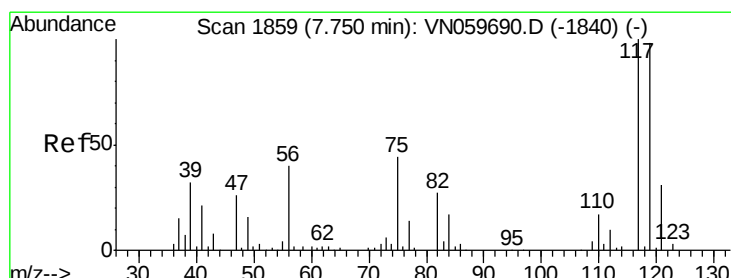
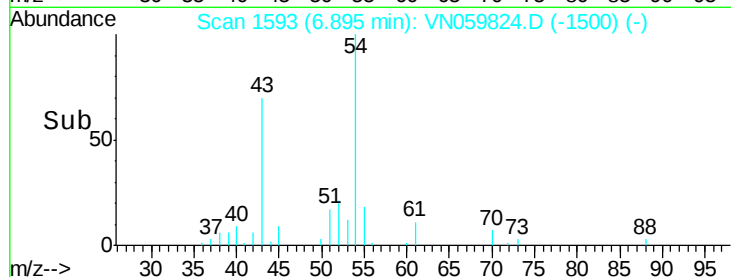
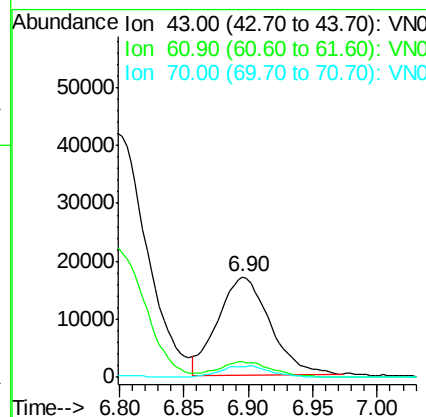
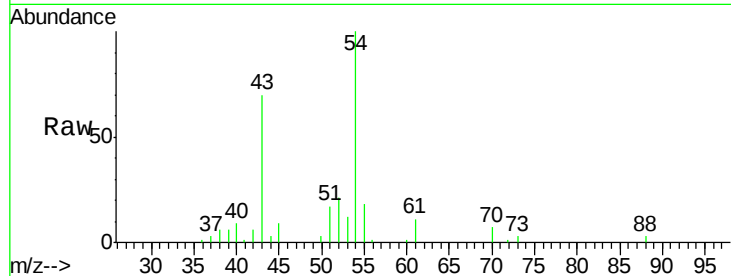
#37
Ethyl Acetate
Concen: 17.629 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.9	16.3
70	11.3	7.7	11.5

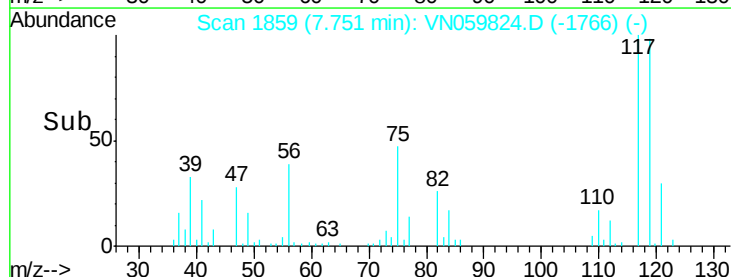
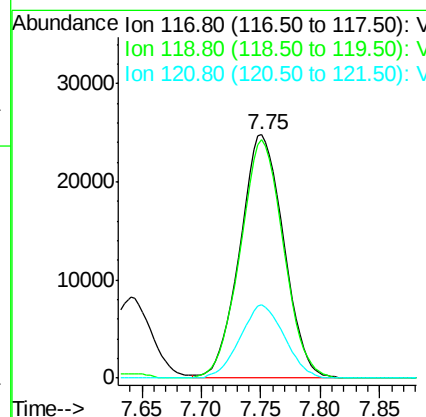
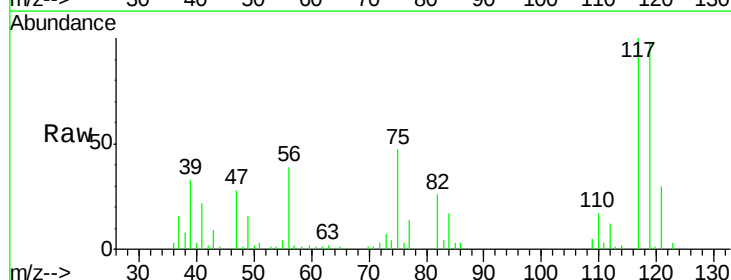
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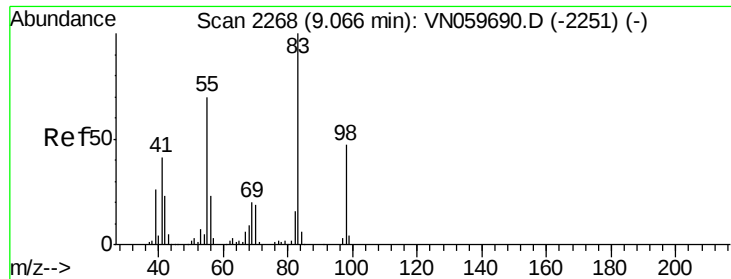
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#38
Carbon Tetrachloride
Concen: 20.141 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.5	114.7
121	30.1	25.1	37.7





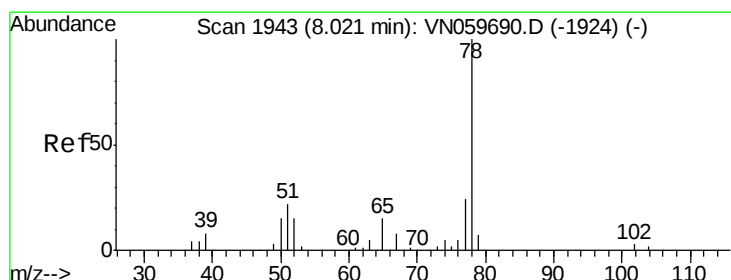
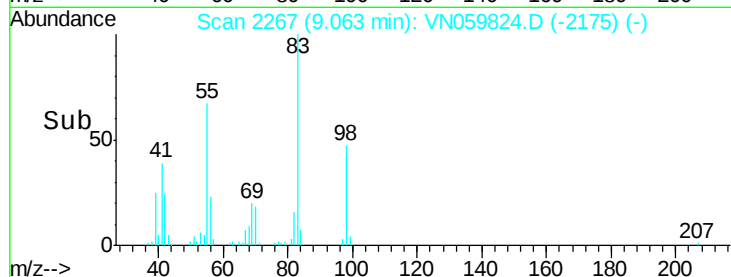
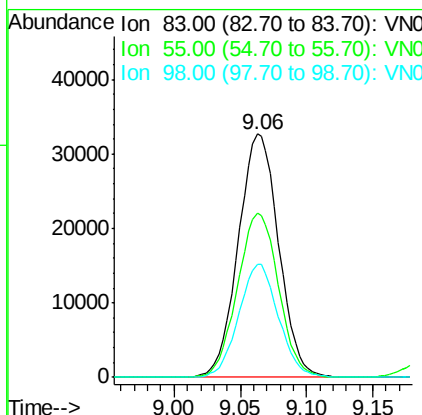
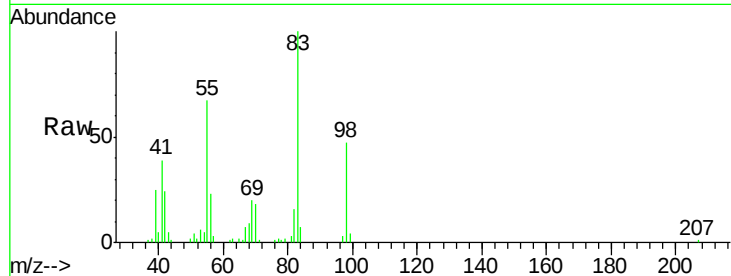
#39
Methvlcvclohexane
Concen: 19.474 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	83	Resp	69143
Ion Ratio	Lower	Upper	
83	100		
55	67.2	64.2	96.2
98	46.5	35.9	53.9

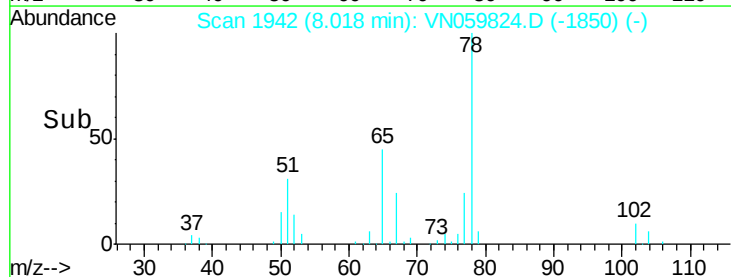
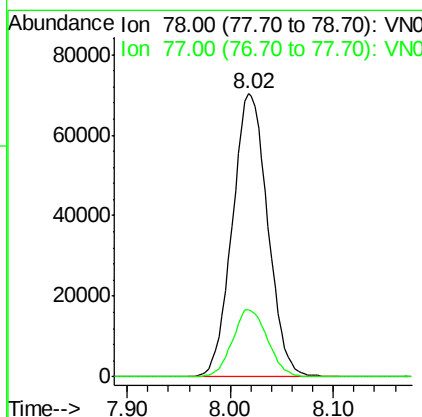
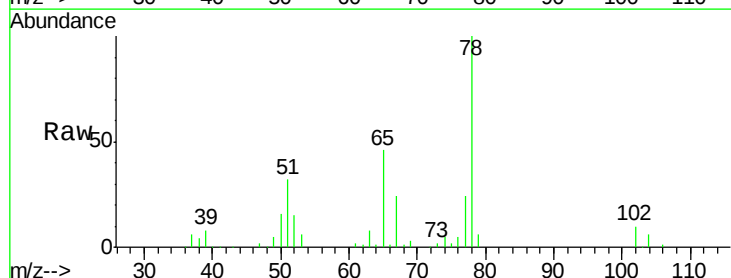
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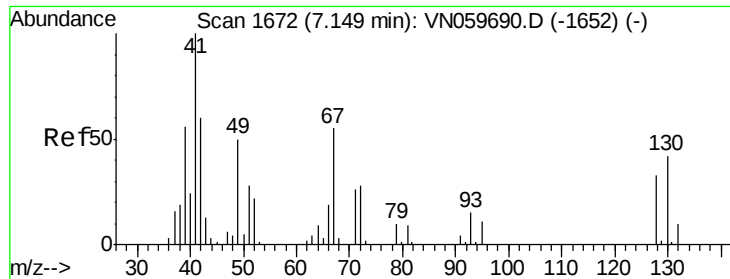
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#40
Benzene
Concen: 19.511 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	78	Resp	167559
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.9	28.3





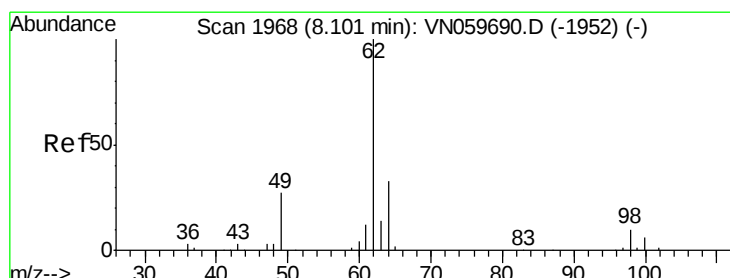
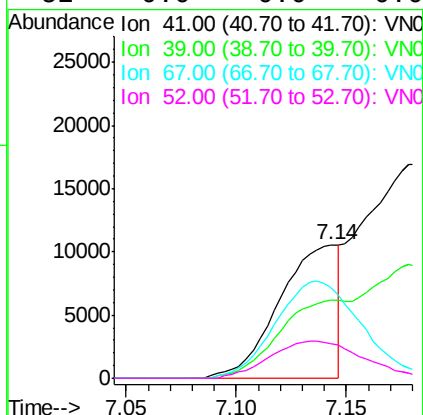
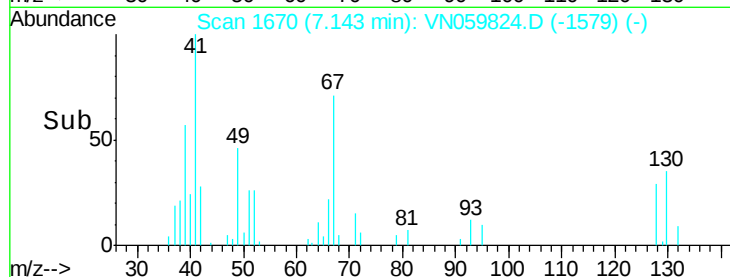
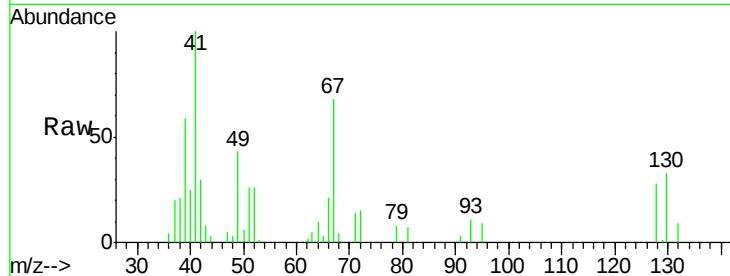
#41
Methacrylonitrile
Concen: 14.891 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		19809		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

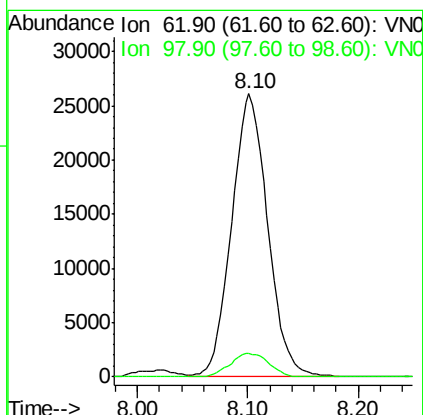
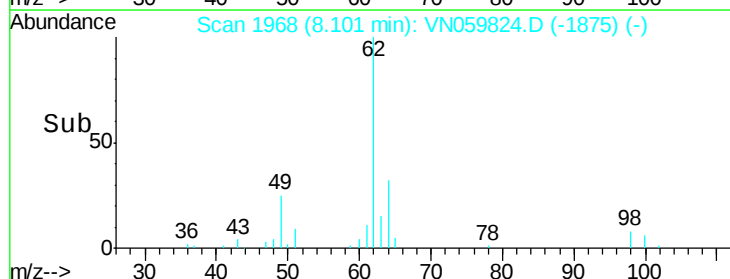
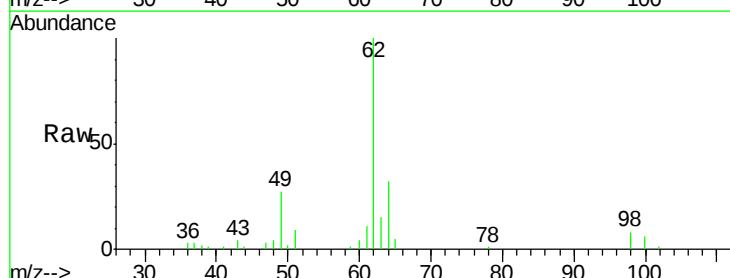
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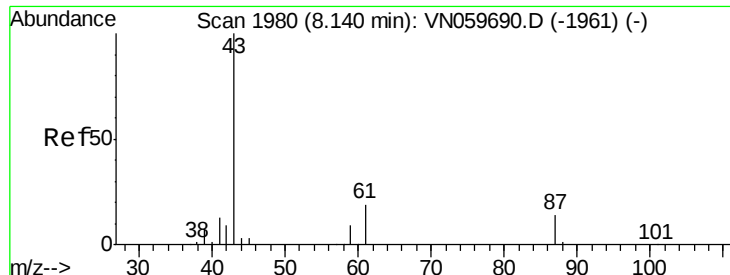
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#42
1,2-Dichloroethane
Concen: 20.323 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		59174		
98	9.0	0.0	15.8		





#43

Isopropyl Acetate

Concen: 18.454 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

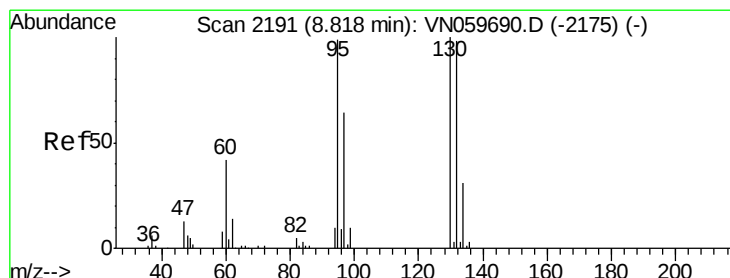
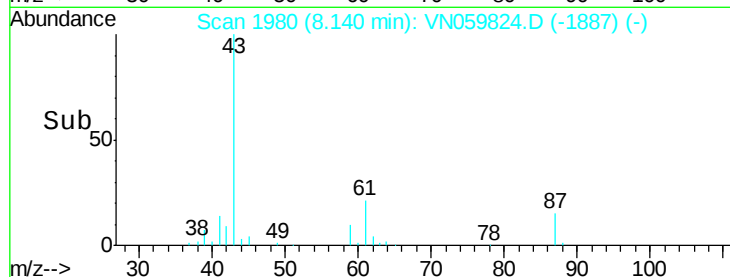
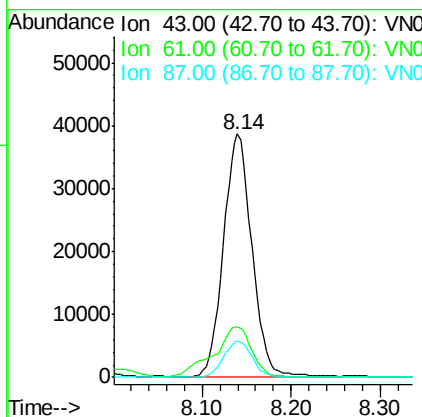
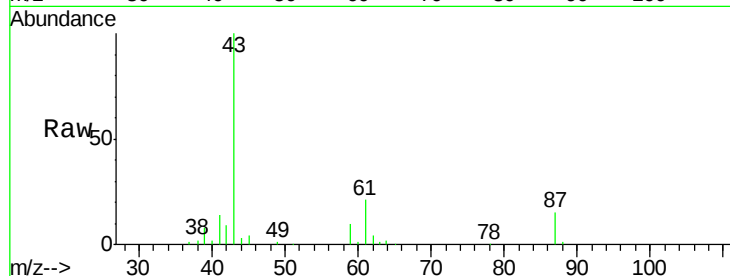
ClientSampleId :

VN0122WBS01

Tot Ion:	43	Resp:	85725
Ion	Ratio	Lower	Upper
43	100		
61	27.9	20.2	30.2
87	14.7	9.5	14.3#

Manual Integrations
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1/24/2020 10:14:35 AM



#44

Trichloroethene

Concen: 21.017 ug/l

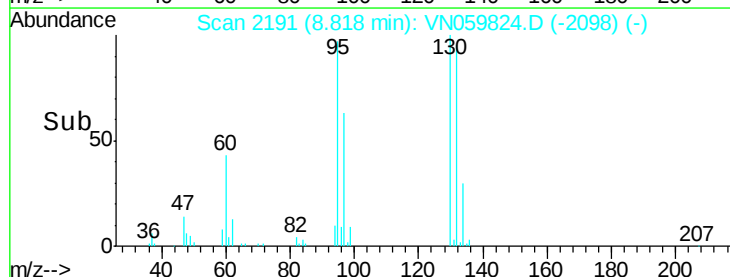
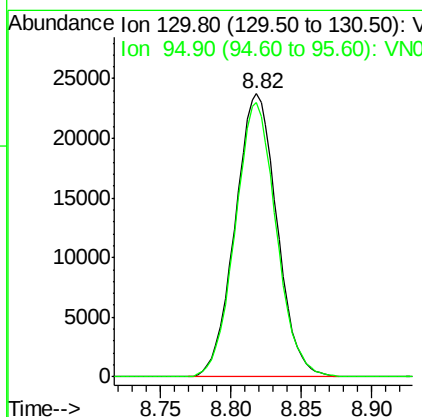
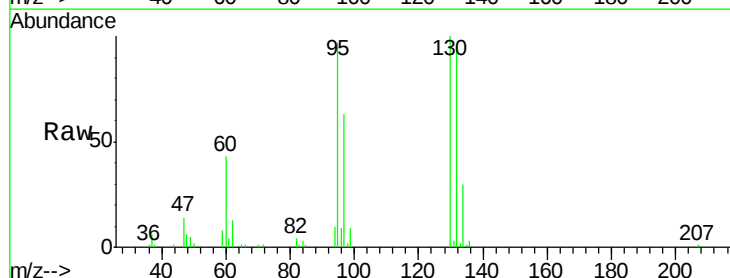
RT: 8.82 min Scan# 2191

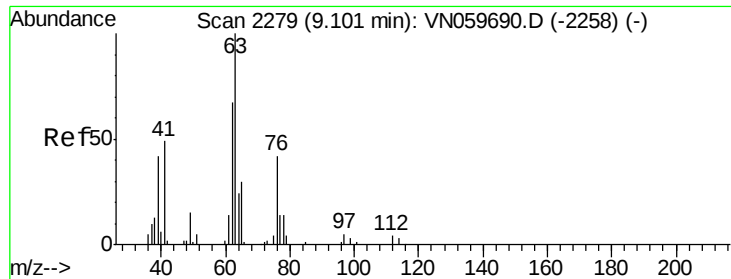
Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	130	Resp:	49272
Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.0





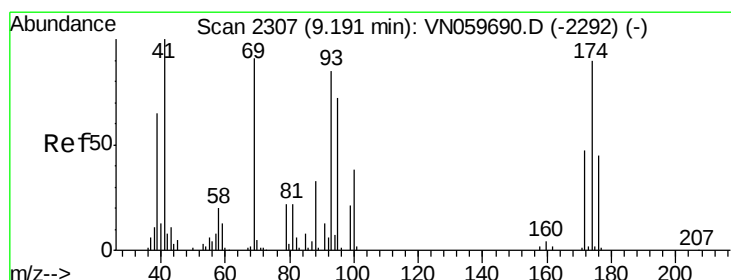
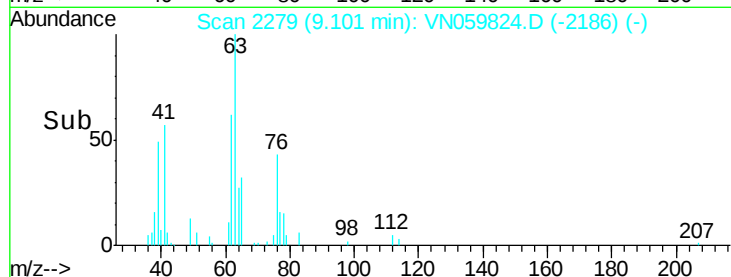
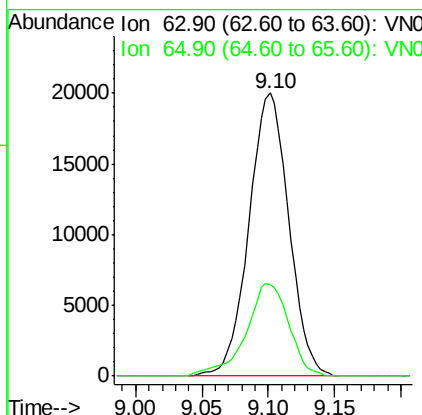
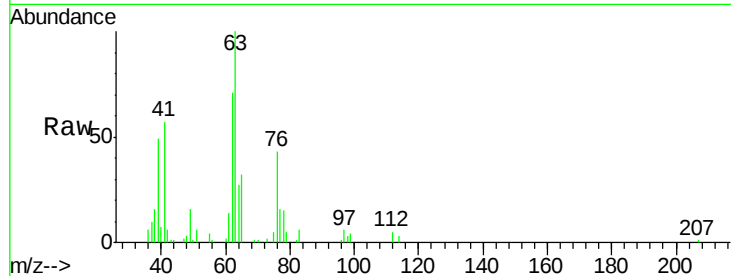
#45
 1,2-Dichloropropane
 Concen: 19.691 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion: 63 Resp: 41844
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.9 37.3

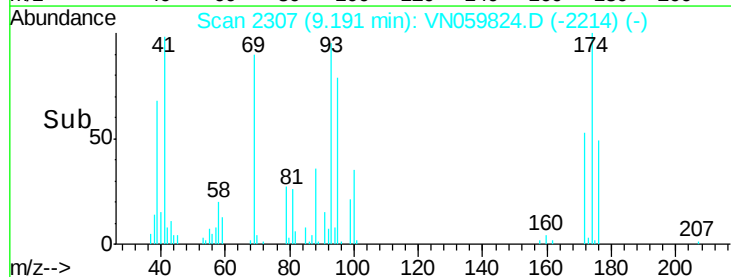
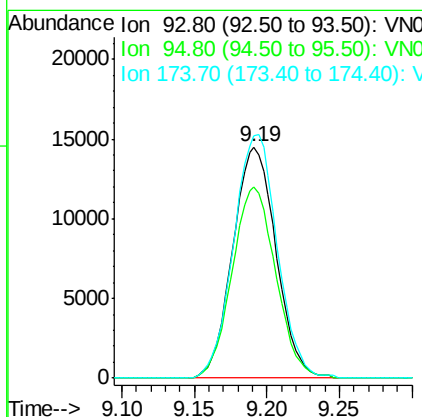
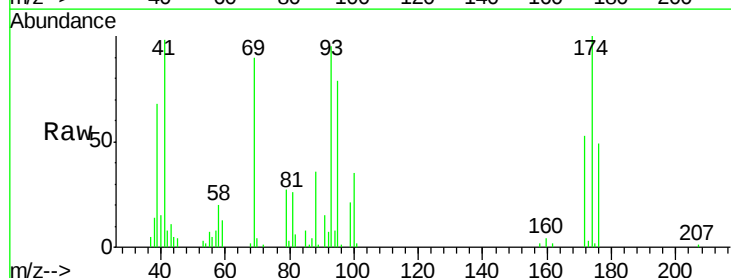
Manual Integrations
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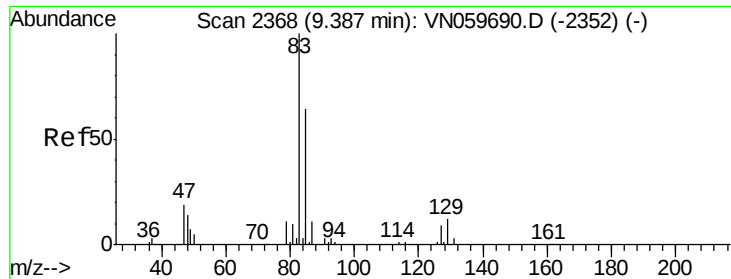
MMDadoda
 1/24/2020 10:14:35 AM



#46
 Dibromomethane
 Concen: 20.043 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion: 93 Resp: 30046
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 106.4 73.4 110.2





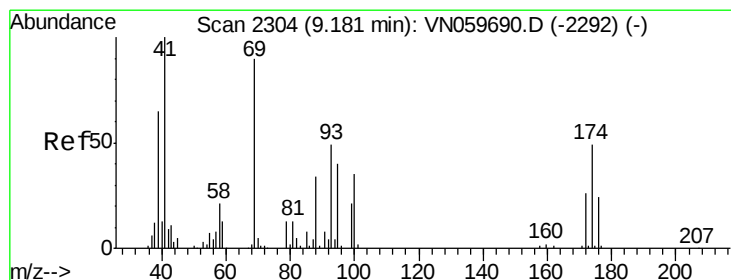
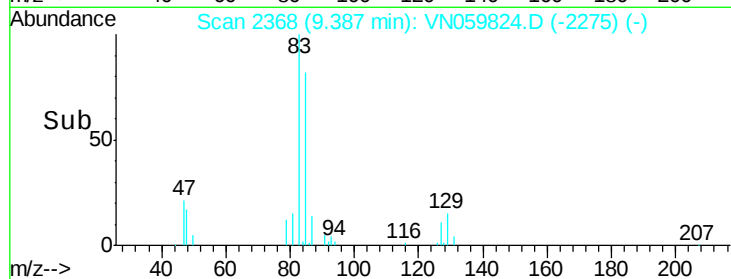
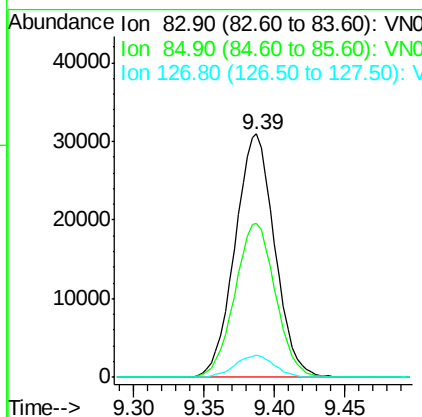
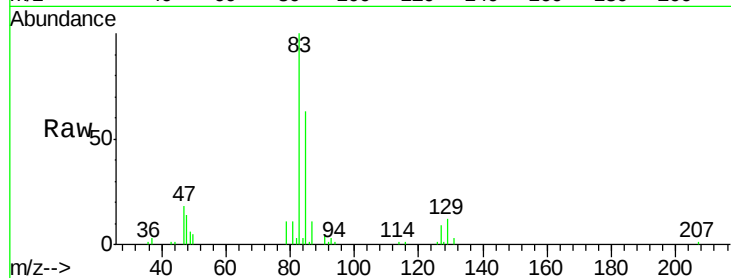
#47
Bromodichloromethane
Concen: 20.152 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7
127	8.9	6.6	9.8

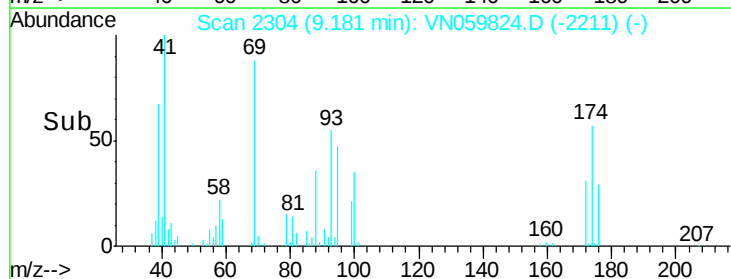
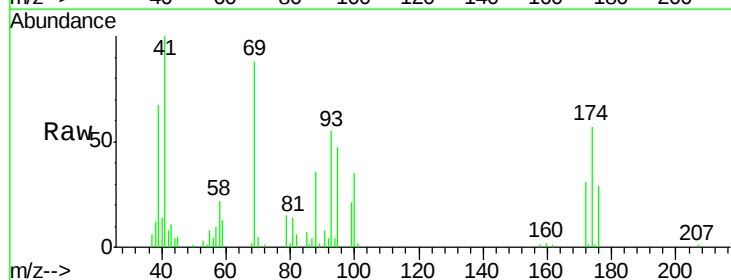
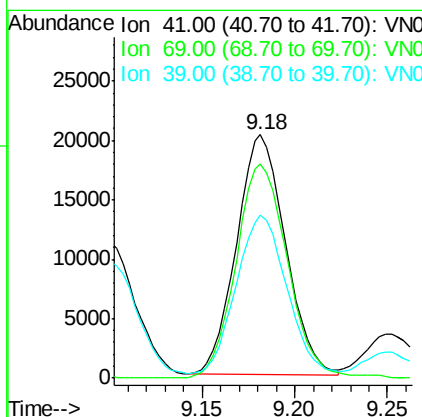
Manual Integrations
APPROVED

MMDadoda
1/24/2020 10:14:35 AM



#48
Methyl methacrylate
Concen: 17.851 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.1	64.4	96.6
39	72.3	51.3	76.9





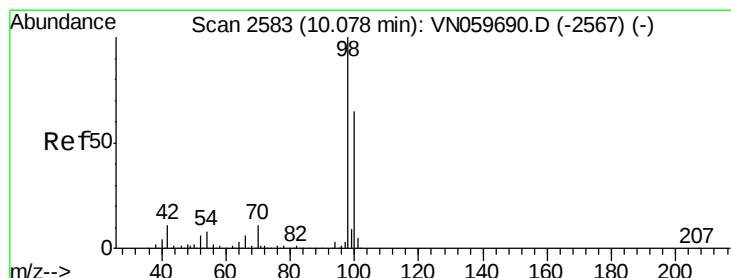
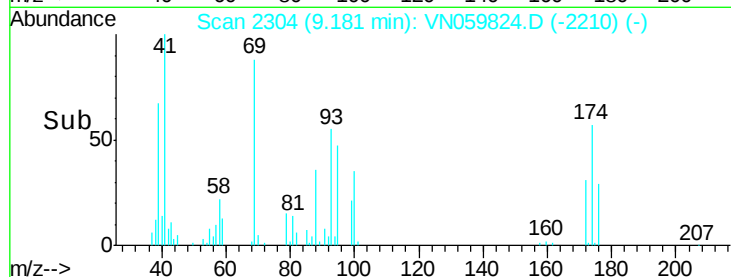
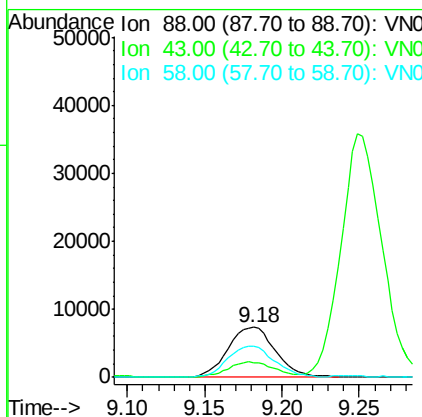
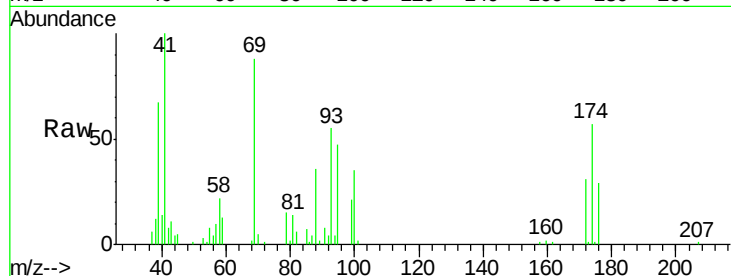
#49
1,4-Dioxane
Concen: 414.630 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	29.7	44.5
58	60.7	56.6	85.0

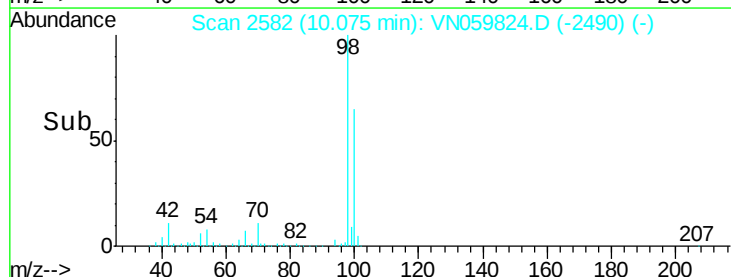
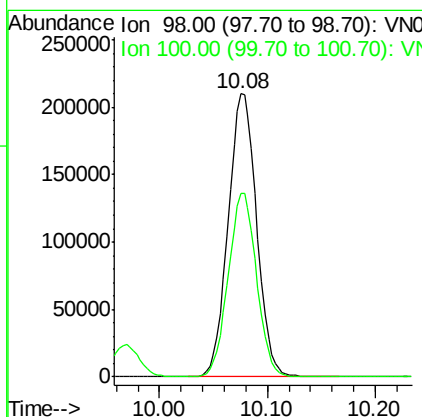
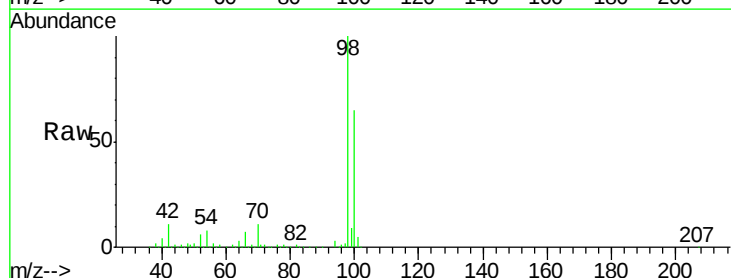
Manual Integrations
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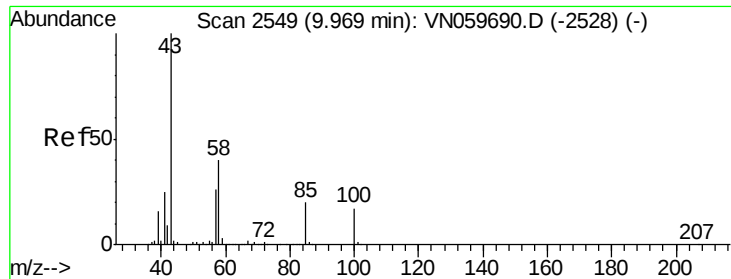
MMDadoda
1/24/2020 10:14:35 AM



#50
Toluene-d8
Concen: 50.546 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 92.795 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0122WBS01

Tot Ion: 43 Resp: 249190

Ion Ratio Lower Upper

43 100

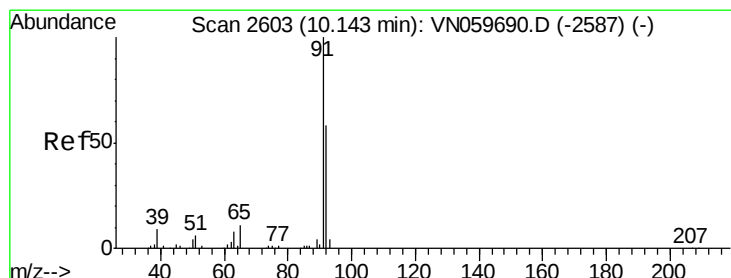
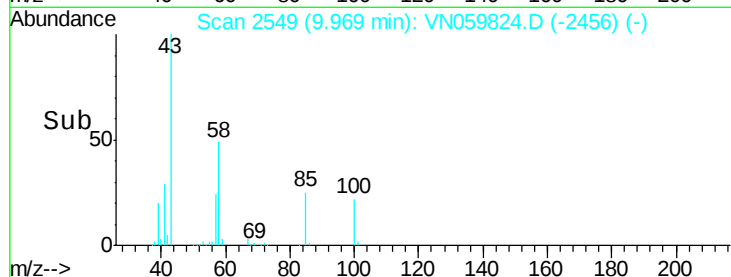
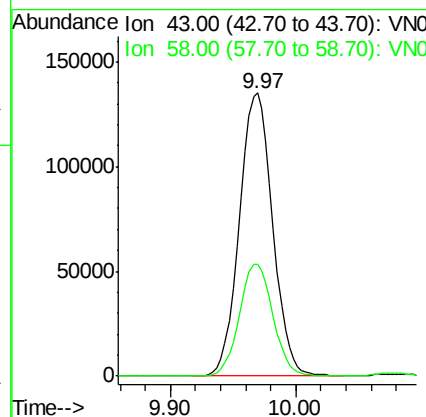
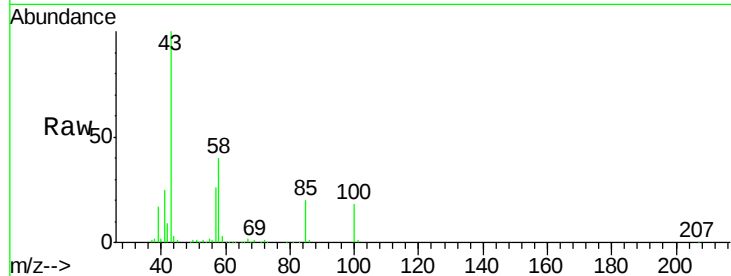
58 39.8 29.8 44.8

Manual Integrations

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MMDadoda

1/24/2020 10:14:35 AM



#52

Toluene

Concen: 19.761 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059824.D

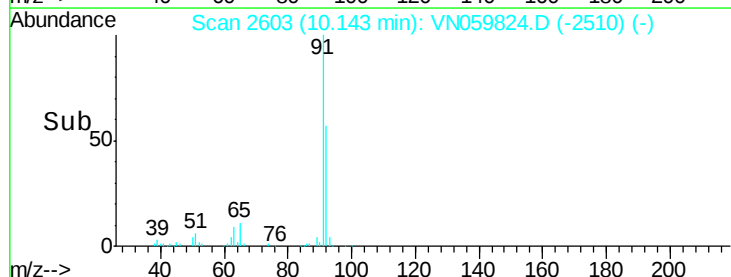
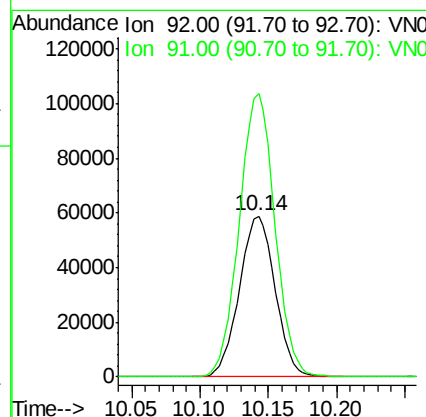
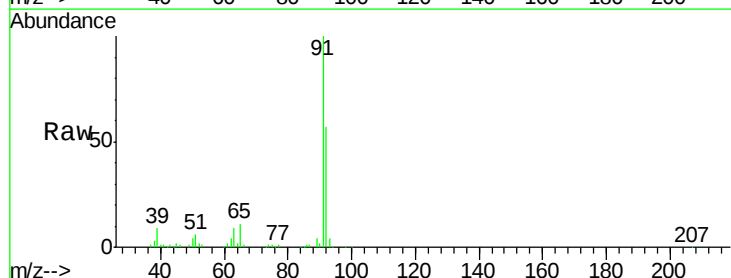
Acq: 22 Jan 2020 11:56

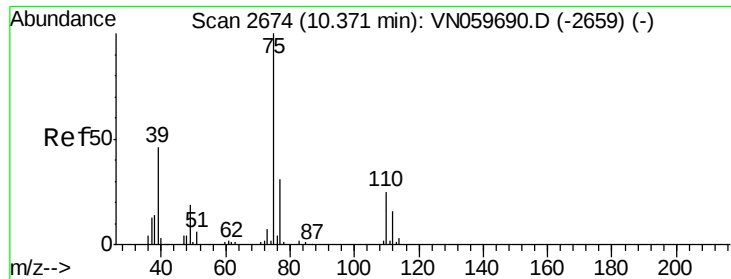
Tgt Ion: 92 Resp: 107195

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6





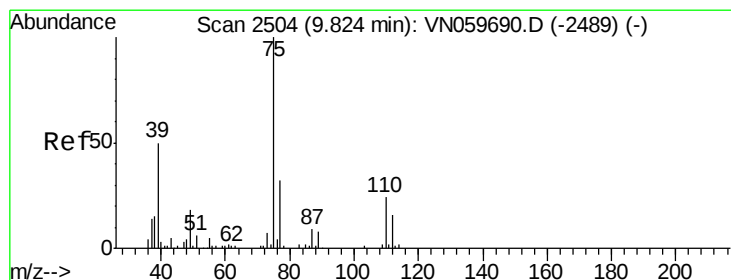
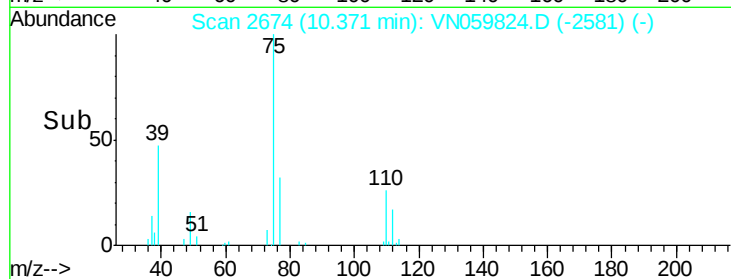
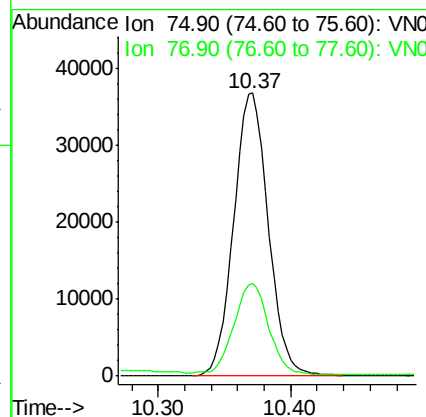
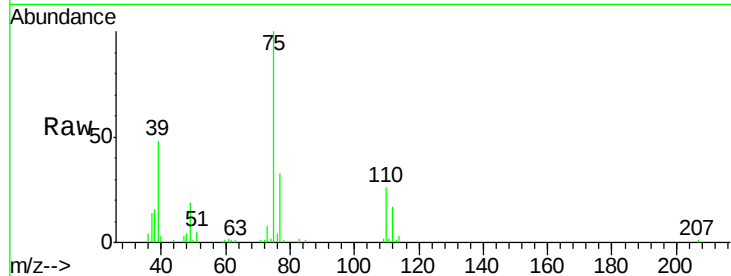
#53
t-1,3-Dichloropropene
Concen: 19.746 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion: 75 Resp: 66603
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

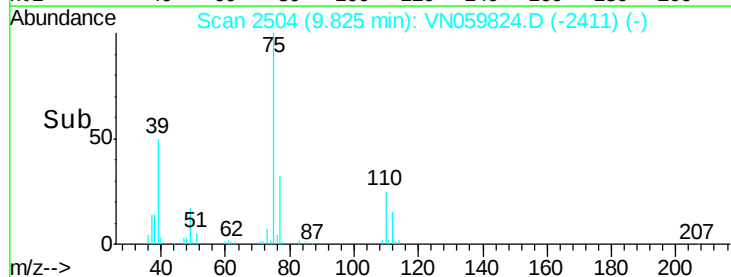
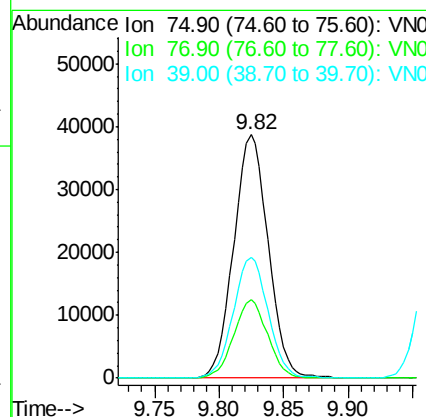
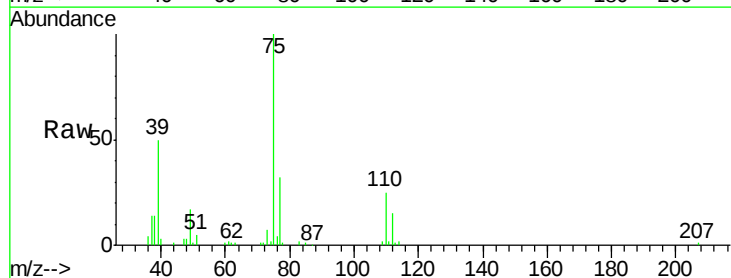
Manual Integrations
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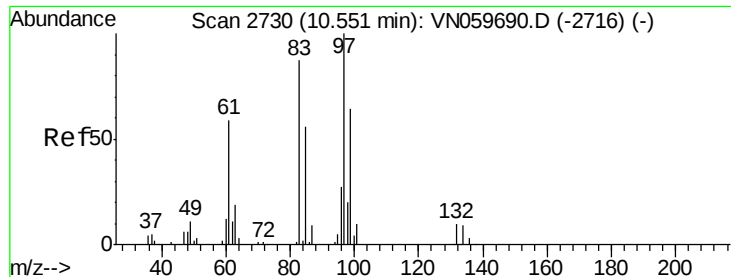
MMDadoda
1/24/2020 10:14:35 AM



#54
cis-1,3-Dichloropropene
Concen: 20.337 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion: 75 Resp: 72177
Ion Ratio Lower Upper
75 100
77 32.1 25.1 37.7
39 49.8 46.1 69.1





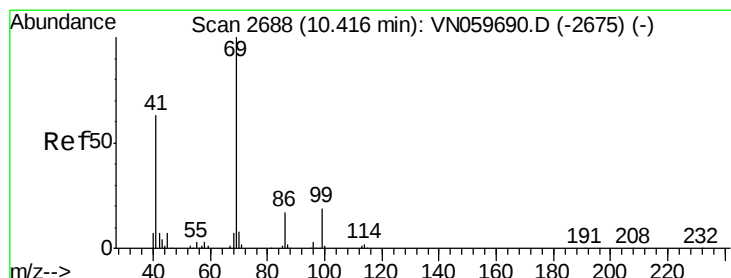
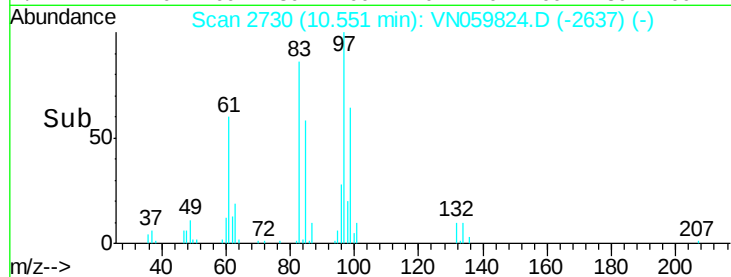
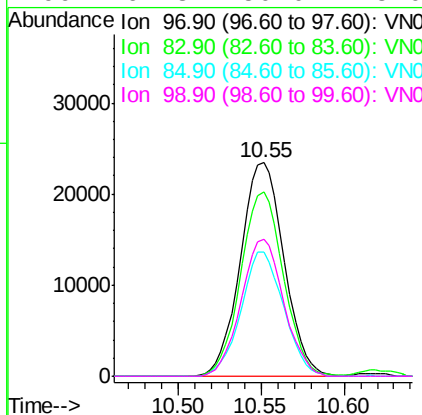
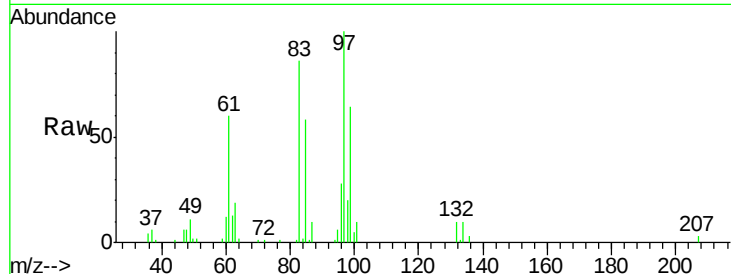
#55
 1,1,2-Trichloroethane
 Concen: 19.972 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion:	97	Resp:	42909
Ion	Ratio	Lower	Upper
97	100		
83	86.1	71.3	106.9
85	58.1	45.8	68.8
99	64.3	50.0	75.0

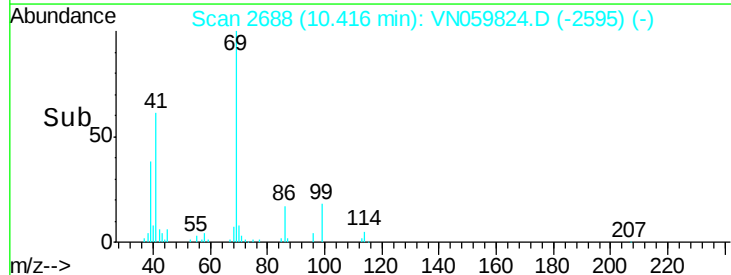
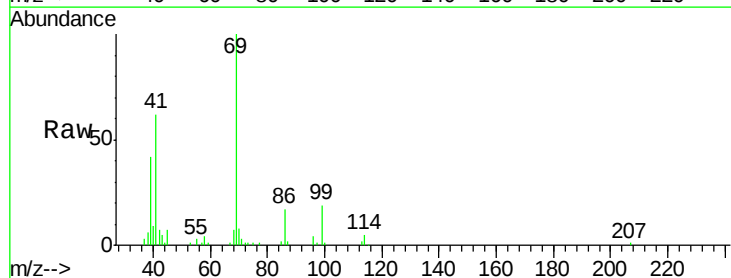
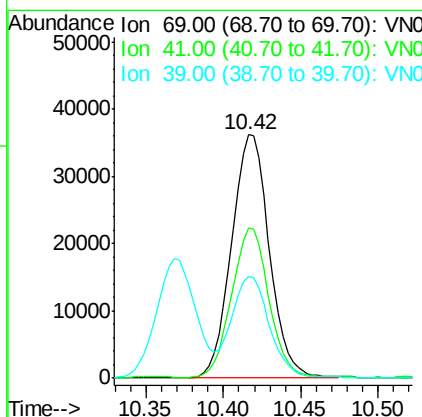
Manual Integrations
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 1/24/2020 10:14:35 AM



#56
 Ethyl methacrylate
 Concen: 18.713 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion:	69	Resp:	61432
Ion	Ratio	Lower	Upper
69	100		
41	61.5	57.1	85.7
39	42.5	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.137 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0122WBS01

Tot Ion: 76 Resp: 68684

Ion Ratio Lower Upper

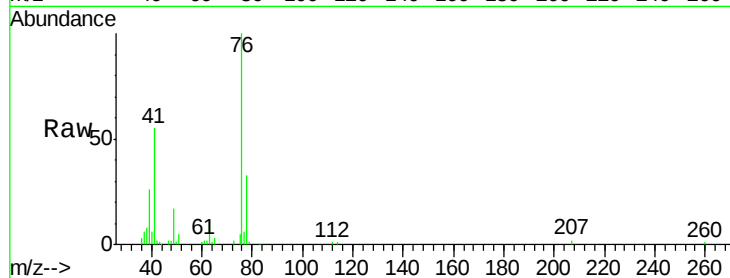
76 100

78 32.9 25.8 38.8

Manual Integrations
APPROVED

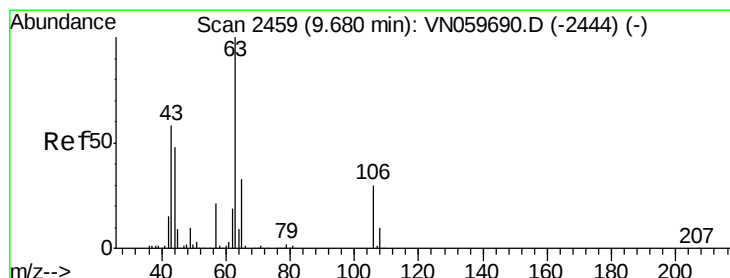
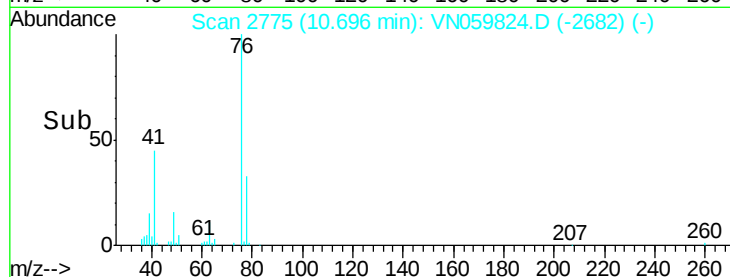
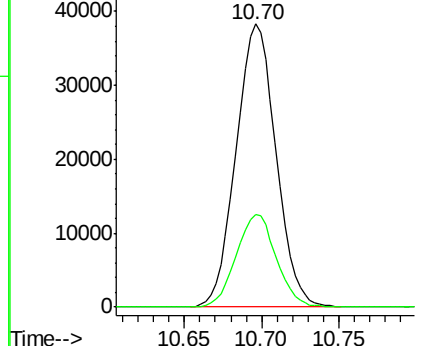
MMDadoda

1/24/2020 10:14:35 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 107.144 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059824.D

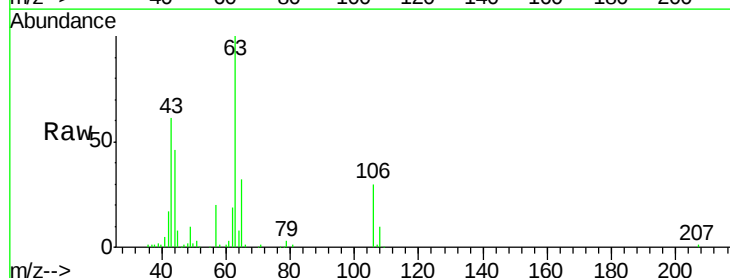
Acq: 22 Jan 2020 11:56

Tgt Ion: 63 Resp: 105942

Ion Ratio Lower Upper

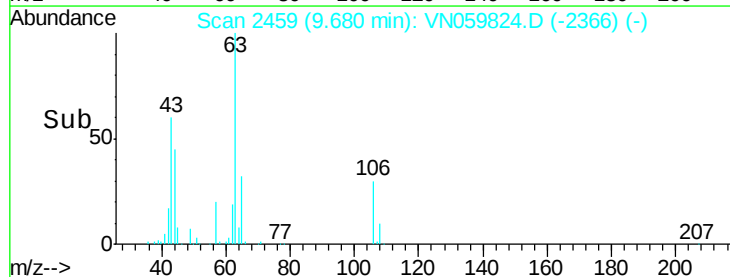
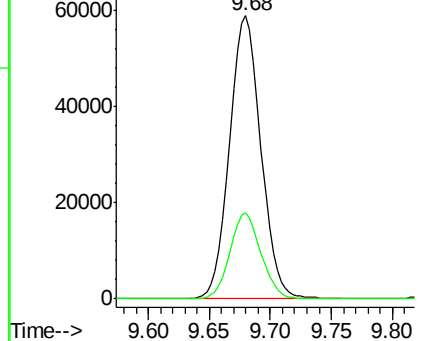
63 100

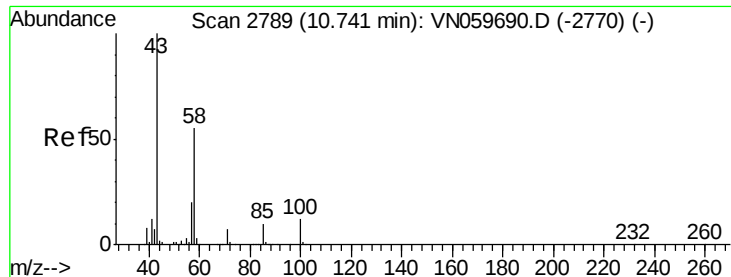
106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





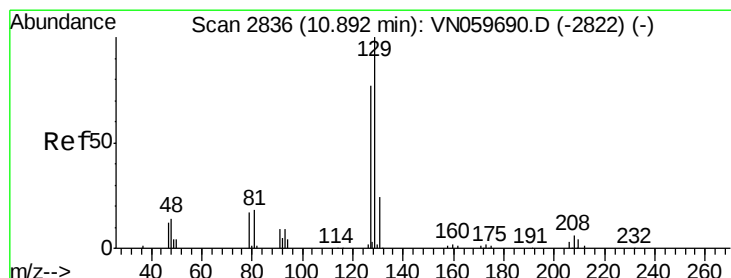
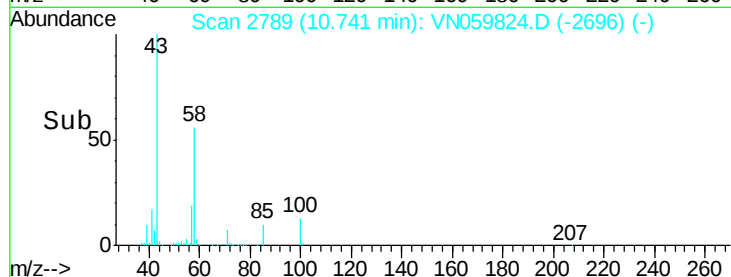
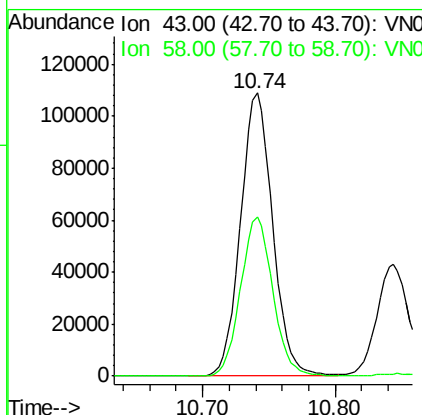
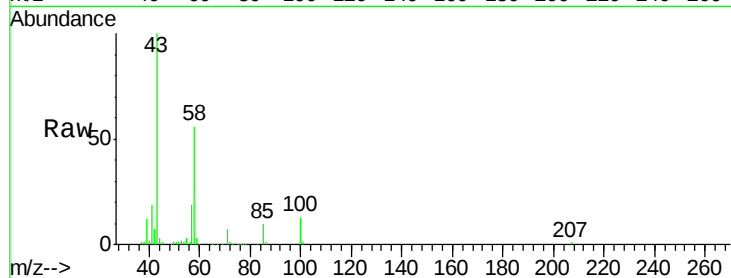
#59
2-Hexanone
Concen: 92.727 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion: 43 Resp: 183445
Ion Ratio Lower Upper
43 100
58 56.4 25.8 77.3

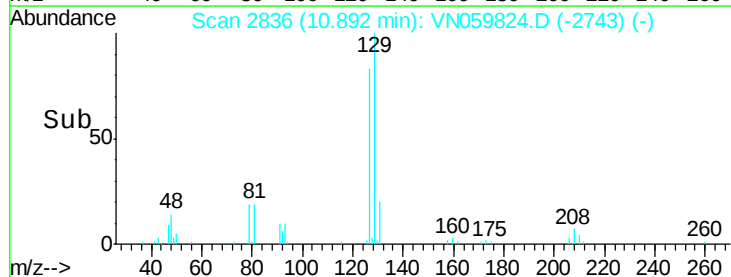
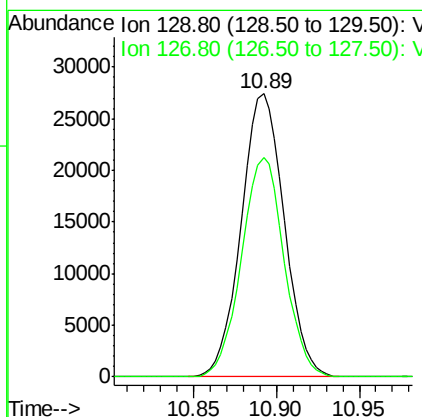
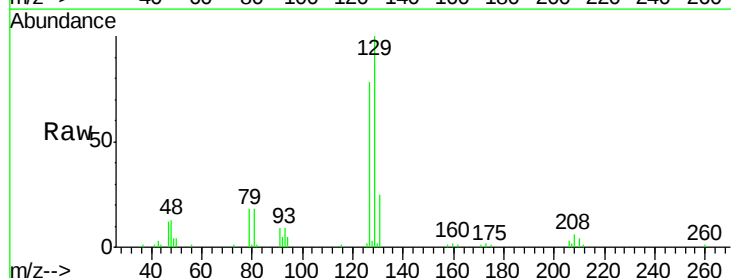
Manual Integrations
APPROVED

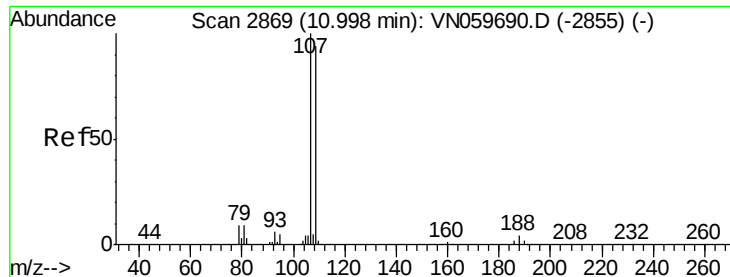
MMDadoda
1/24/2020 10:14:35 AM



#60
Dibromochloromethane
Concen: 20.214 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion: 129 Resp: 49454
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





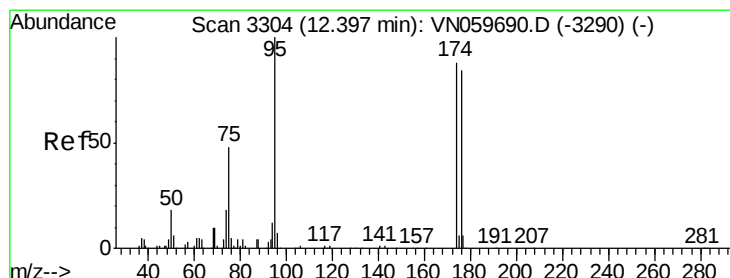
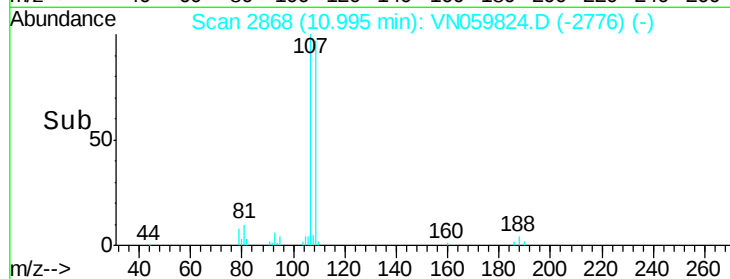
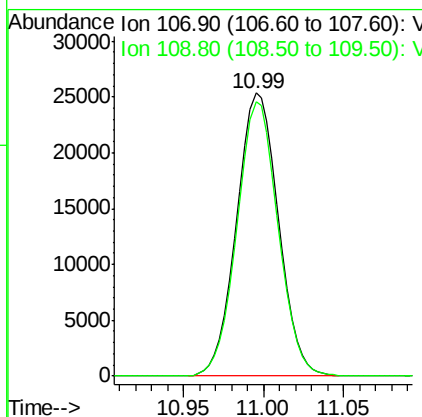
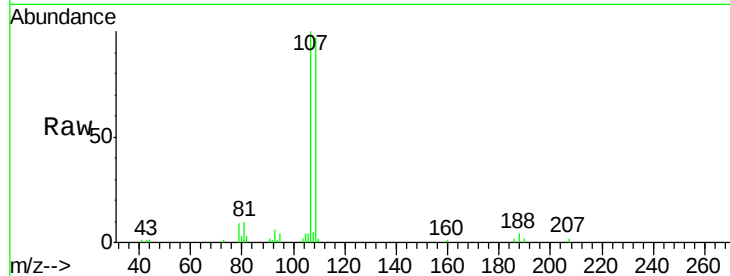
#61
1,2-Dibromoethane
Concen: 20.041 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.6	115.0

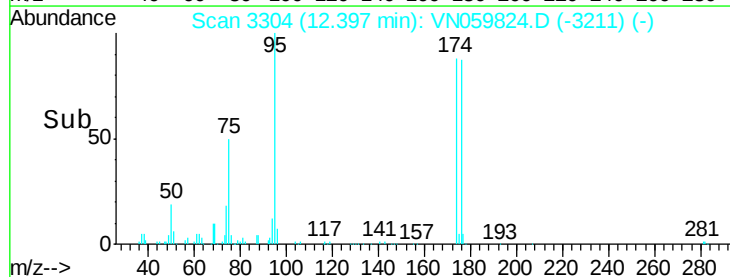
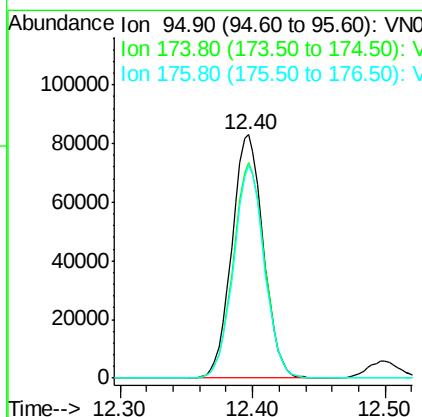
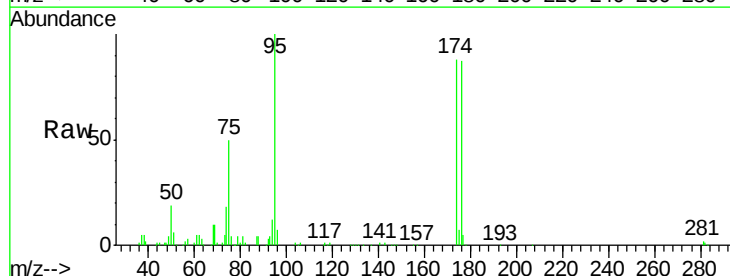
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#62
4-Bromofluorobenzene
Concen: 49.707 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	151.4
176	85.1	0.0	146.0





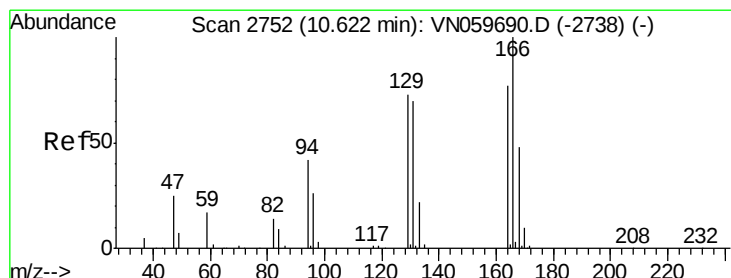
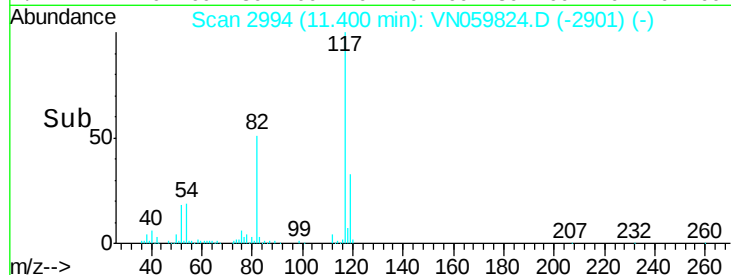
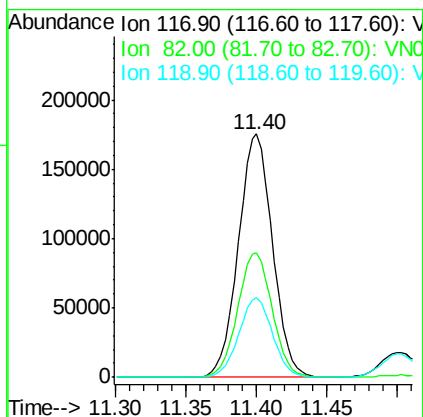
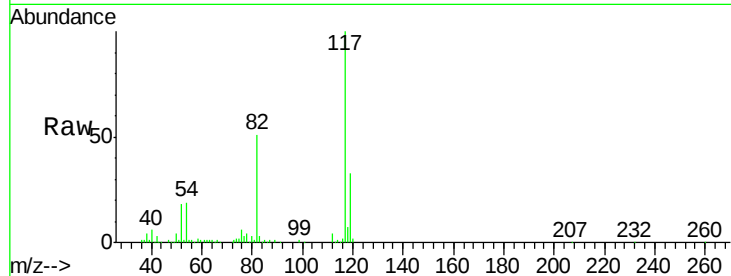
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	297788		
82	51.1		45.9	68.9
119	32.7		25.5	38.3

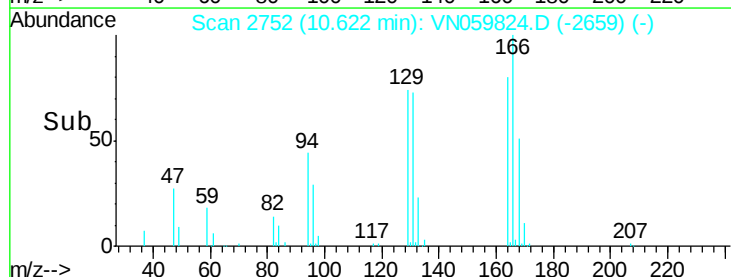
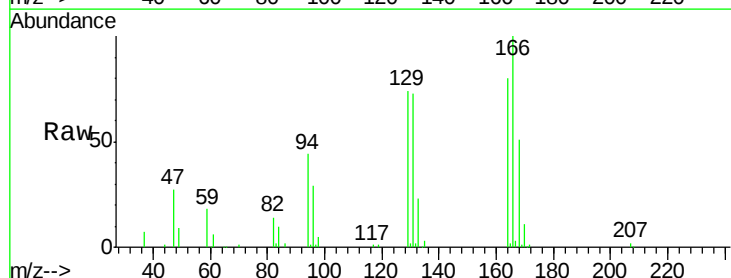
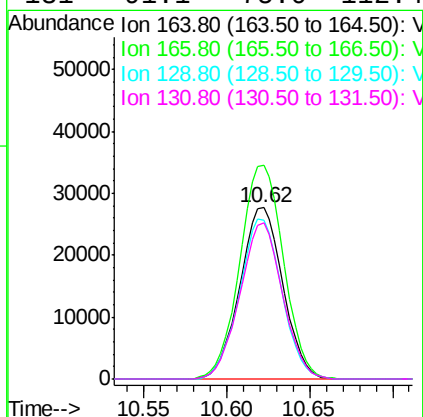
Manual Integrations
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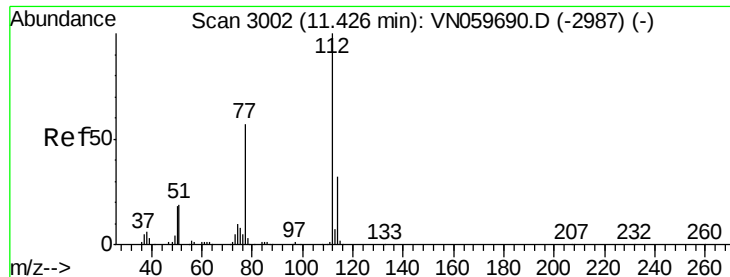
MMDadoda
1/24/2020 10:14:35 AM



#64
Tetrachloroethene
Concen: 20.556 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49889		
166	124.8		101.4	152.0
129	92.9		80.2	120.4
131	91.1		75.0	112.4





#65

Chlorobenzene

Concen: 20.296 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0122WBS01

Tot Ion:112 Resp: 118797

Ion Ratio Lower Upper

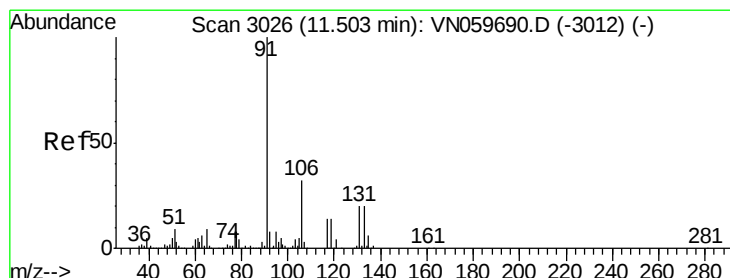
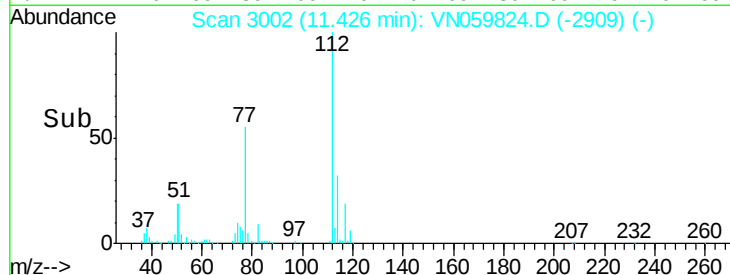
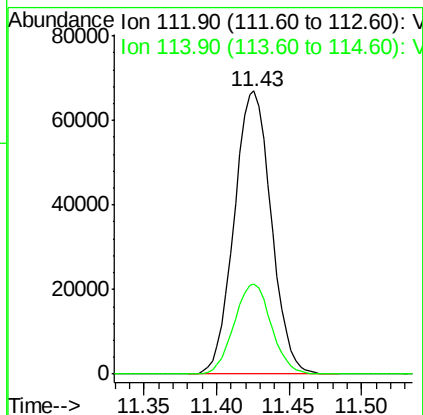
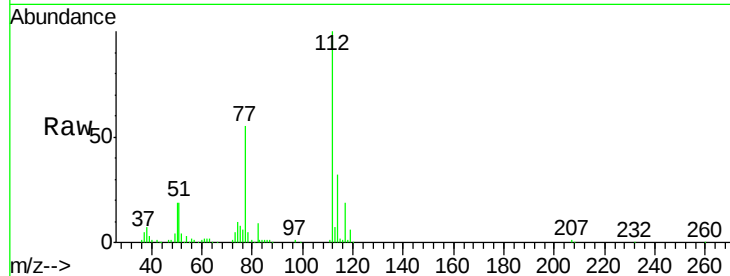
112 100

114 32.0 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.636 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

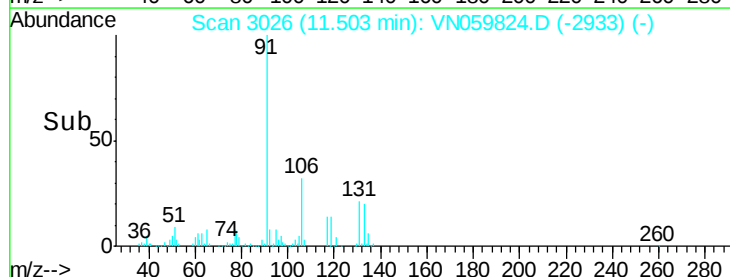
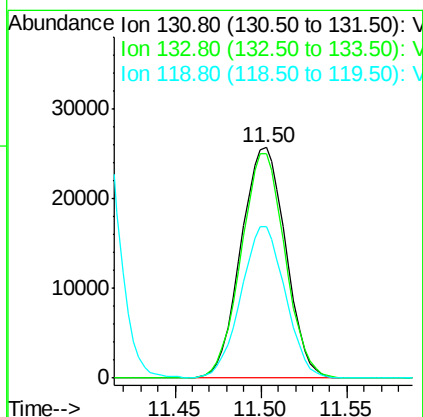
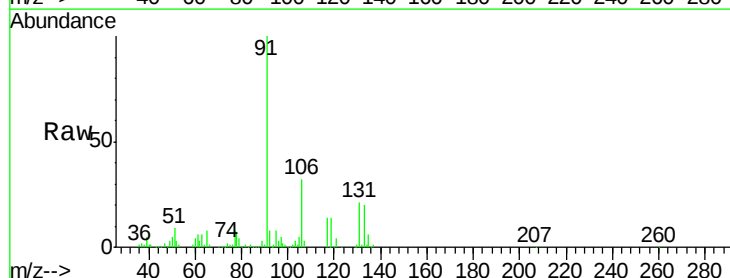
Tgt Ion:131 Resp: 46671

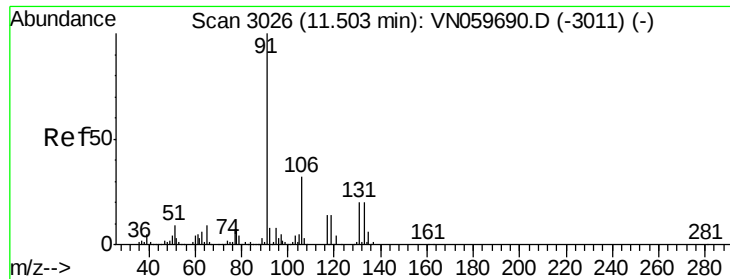
Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.2

119 64.7 33.1 99.3





#67

Ethyl Benzene

Concen: 19.637 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0122WBS01

Tot Ion: 91 Resp: 208651

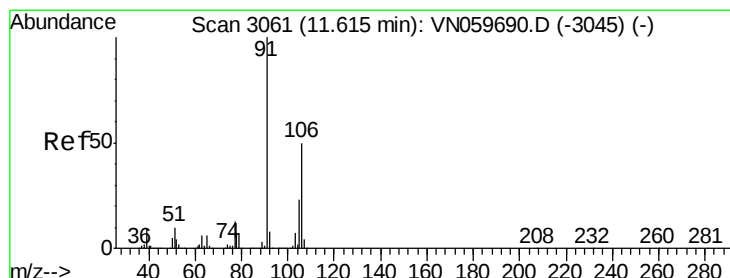
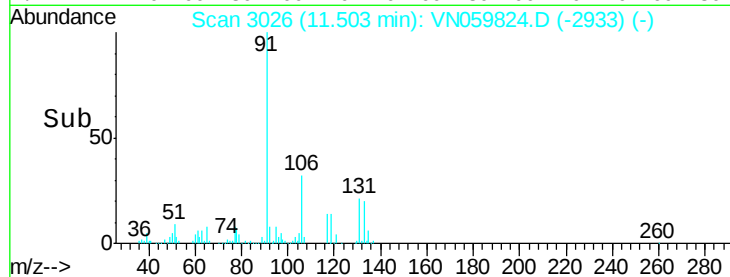
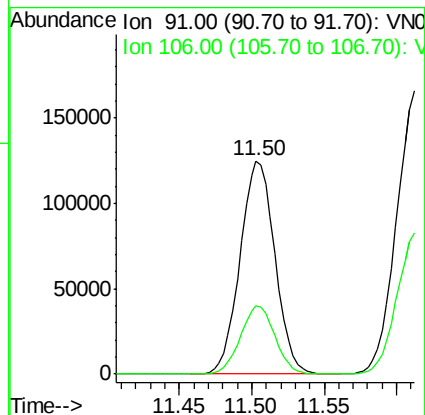
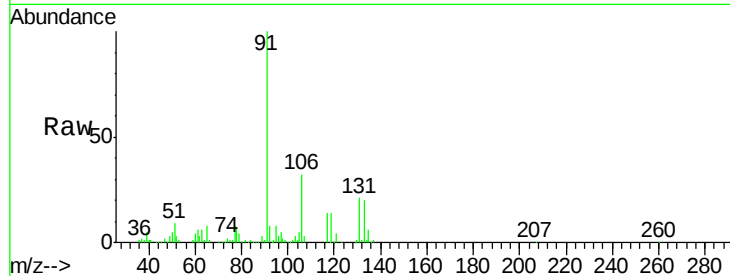
Ion Ratio Lower Upper

91 100

106 31.9 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.704 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059824.D

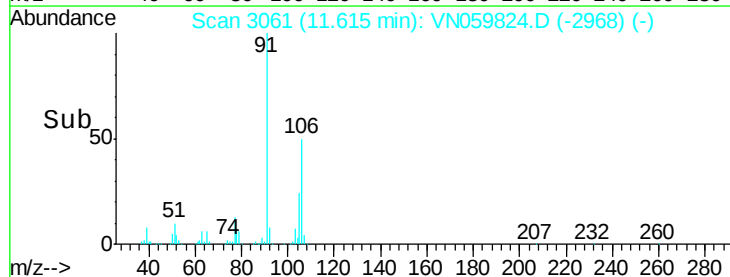
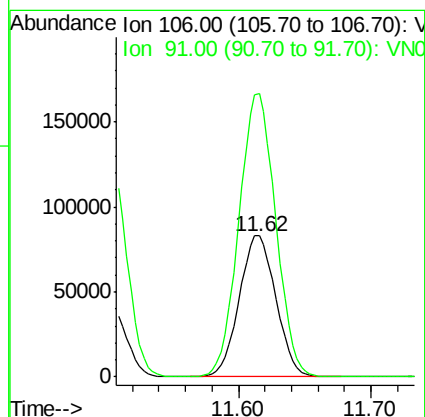
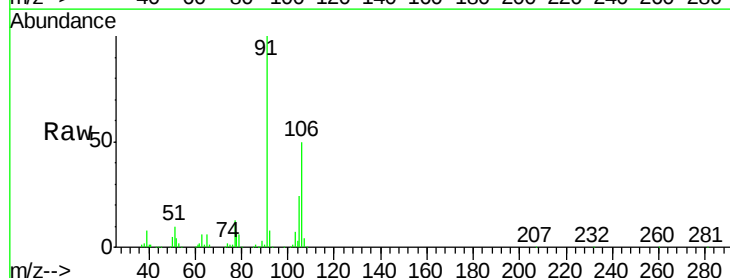
Acq: 22 Jan 2020 11:56

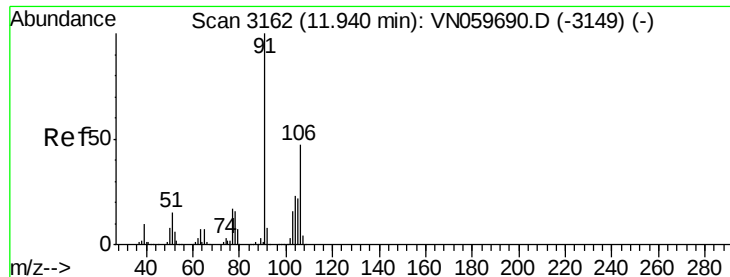
Tgt Ion: 106 Resp: 159356

Ion Ratio Lower Upper

106 100

91 201.4 167.9 251.9





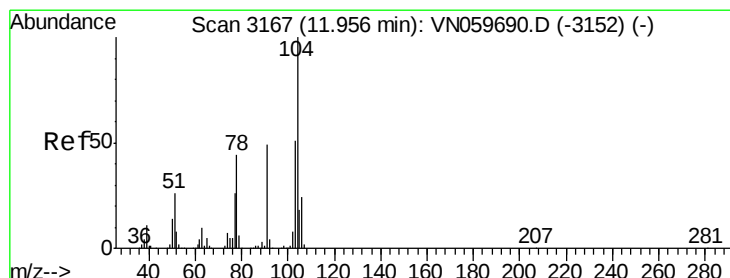
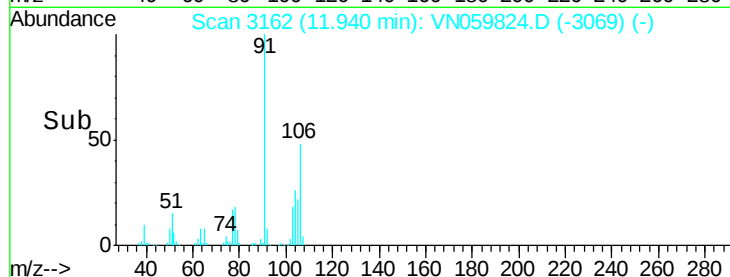
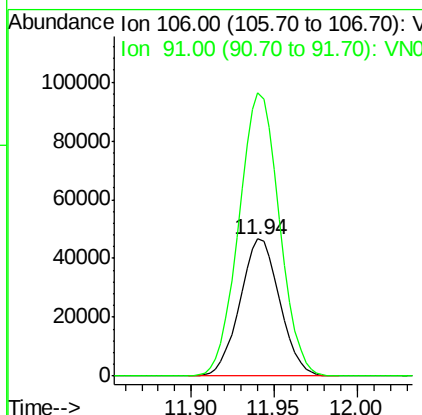
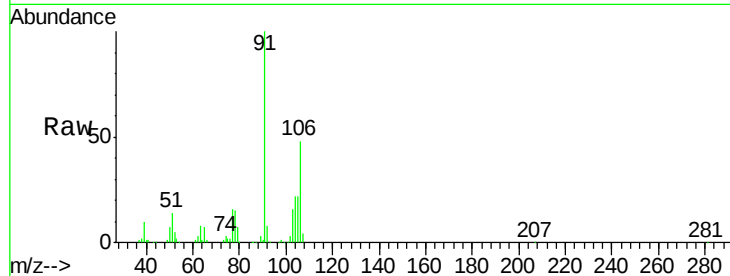
#69
o-Xylene
Concen: 19.853 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampled :
VN0122WBS01

Tot Ion:106 Resp: 78008
Ion Ratio Lower Upper
106 100
91 209.9 110.3 330.9

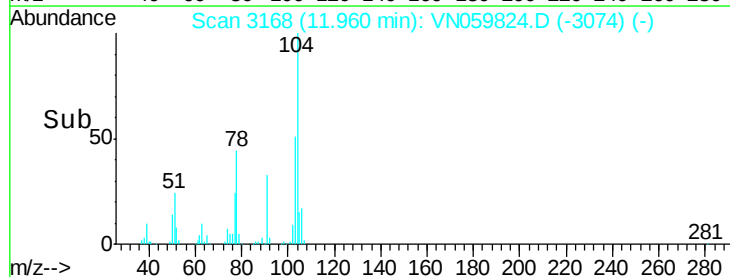
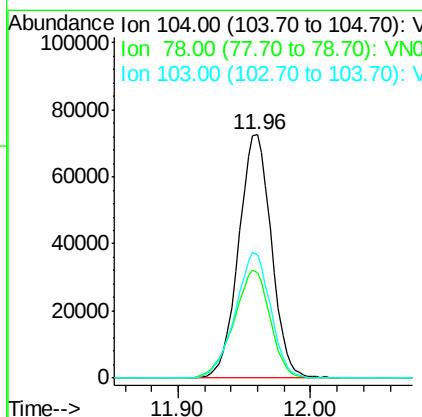
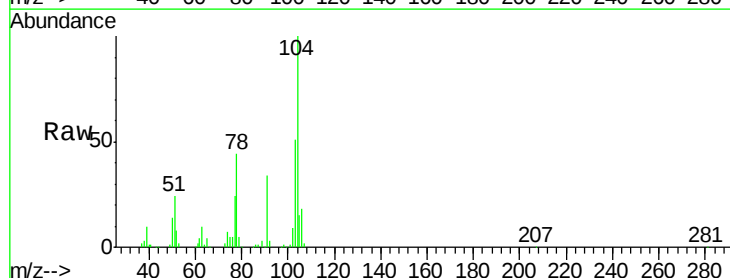
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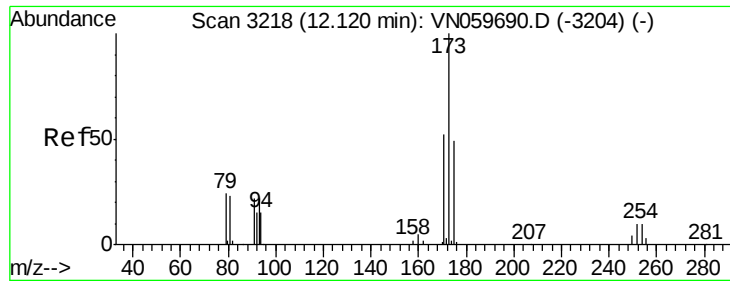
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#70
Styrene
Concen: 19.019 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion:104 Resp: 125053
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 55.3 43.9 65.9





#71

Bromoform

Concen: 19.882 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

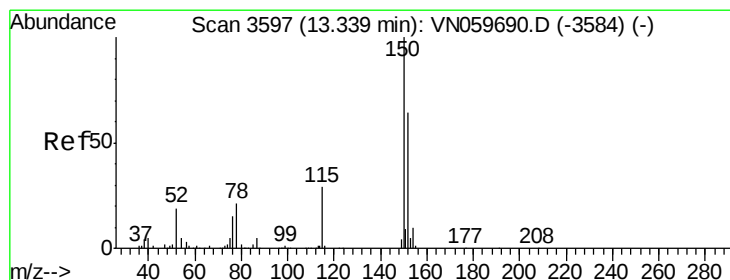
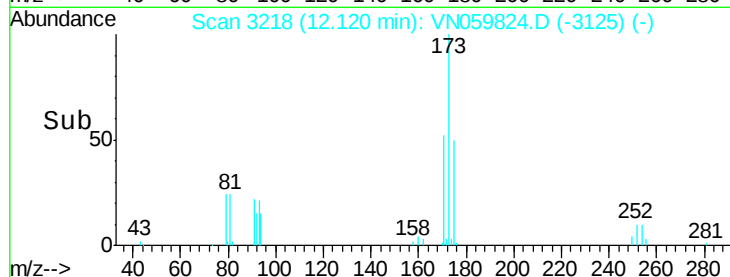
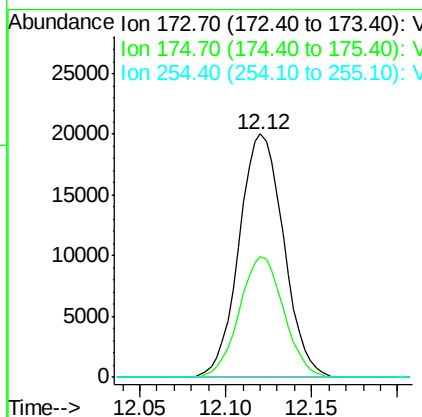
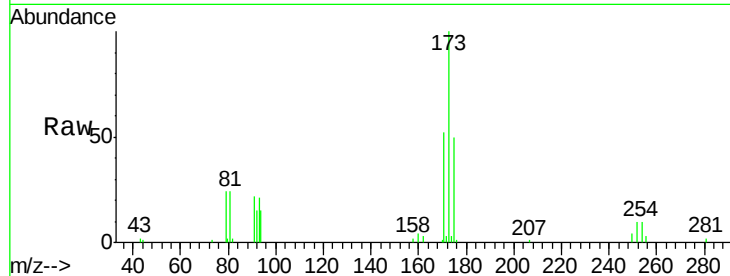
ClientSampled :

VN0122WBS01

Tot Ion:	173	Resp:	36018
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.8	71.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

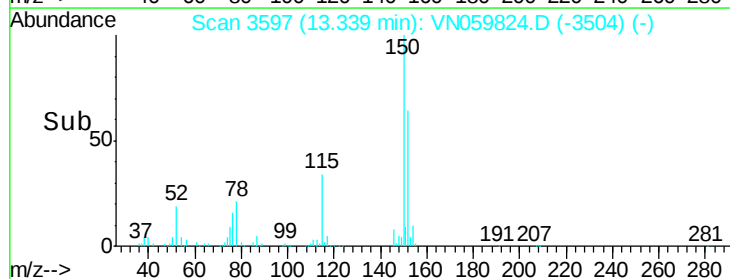
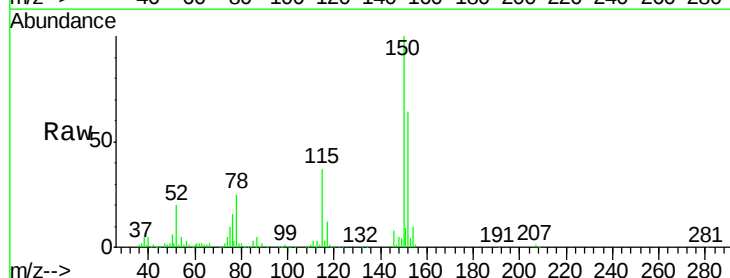
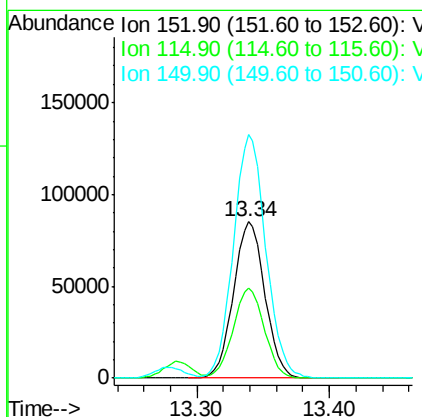
RT: 13.34 min Scan# 3597

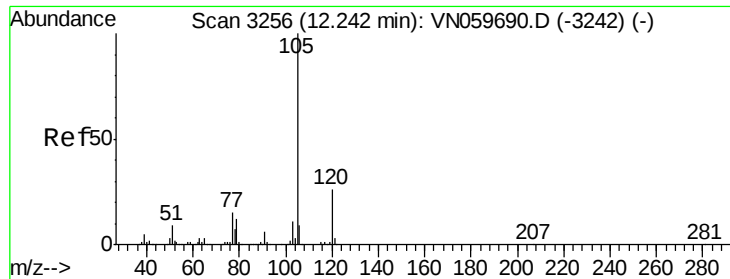
Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	152	Resp:	139836
Ion Ratio	Lower	Upper	
152	100		
115	57.4	30.3	90.9
150	161.0	0.0	345.2





#73

Isopropylbenzene

Concen: 20.400 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

ClientSampled :

VN0122WBS01

Tot Ion: 105 Resp: 209207

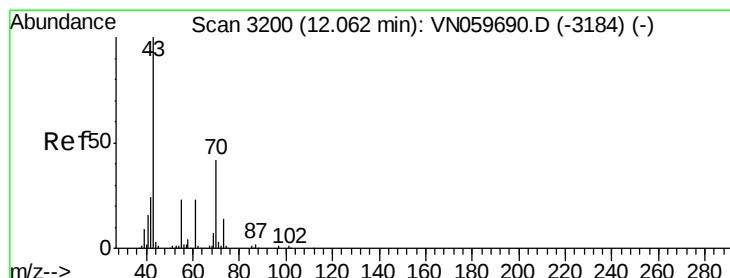
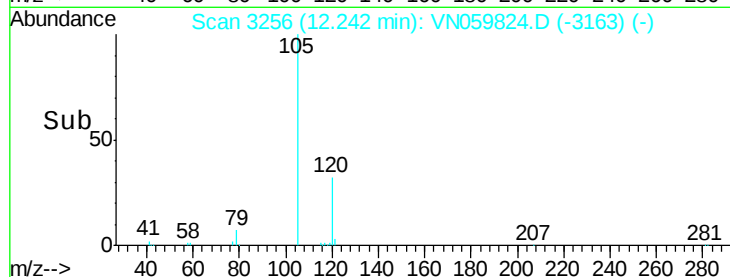
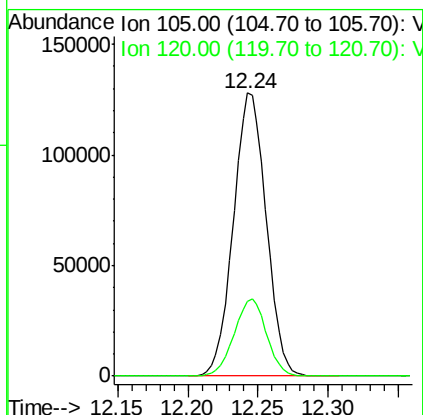
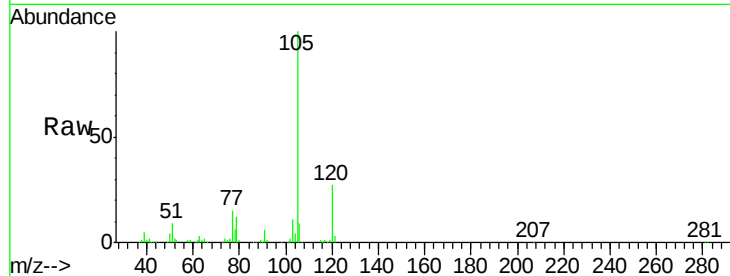
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.882 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion: 43 Resp: 71160

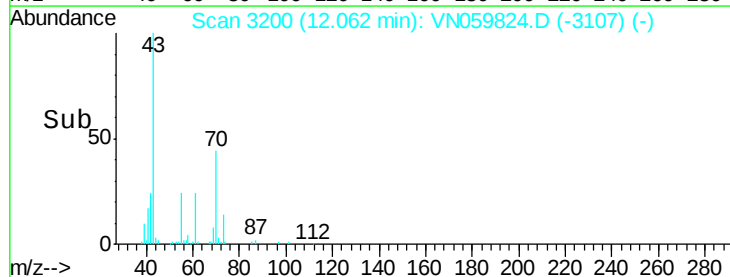
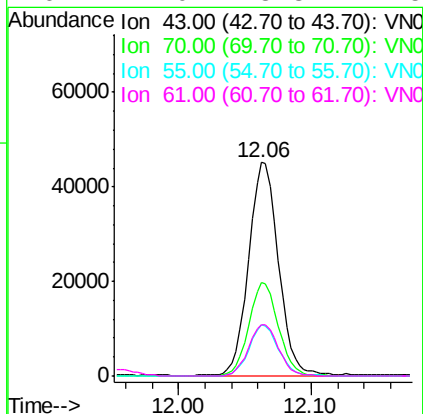
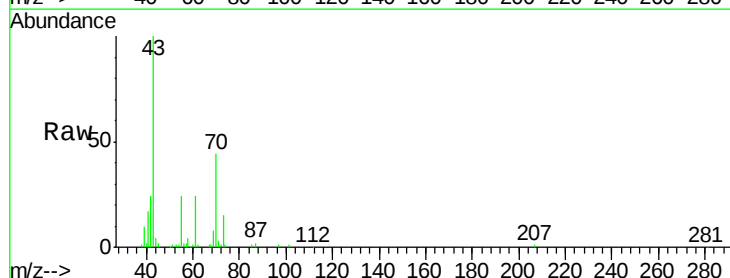
Ion Ratio Lower Upper

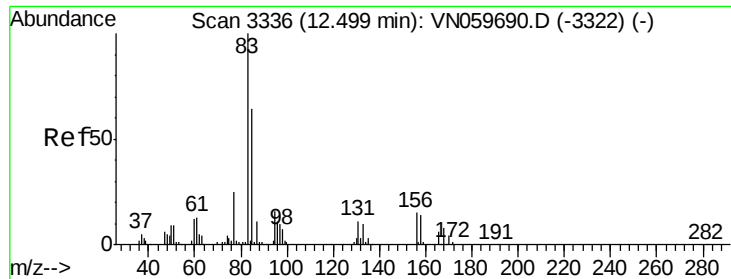
43 100

70 42.8 31.3 46.9

55 23.3 19.8 29.6

61 24.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.568 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

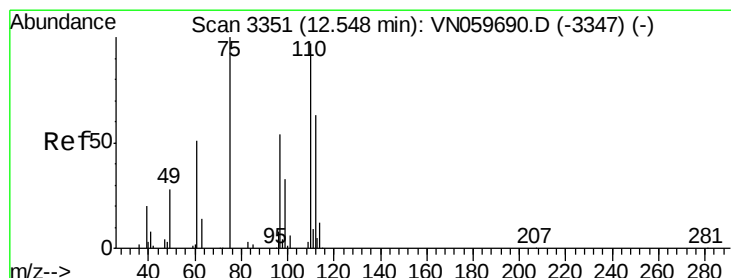
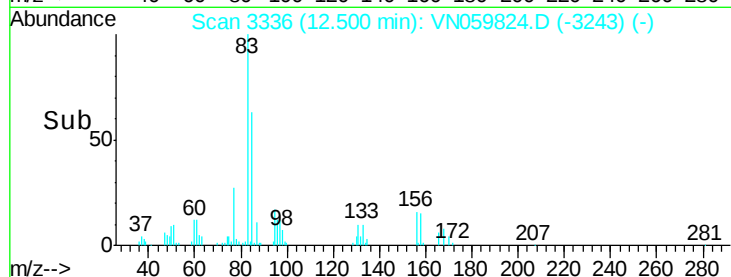
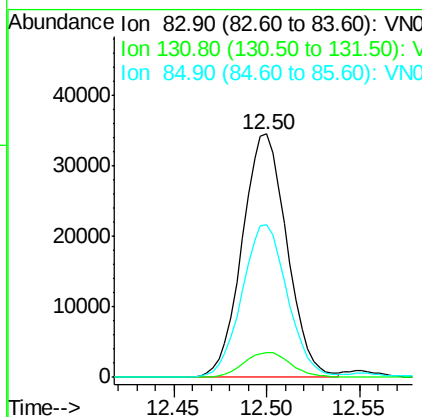
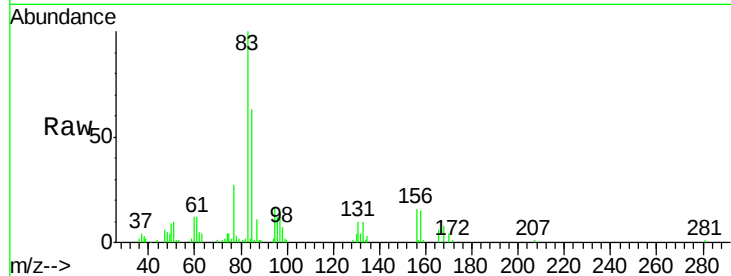
ClientSampleId :

VN0122WBS01

Tot Ion:	83	Resp:	58177
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	63.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.914 ug/l m

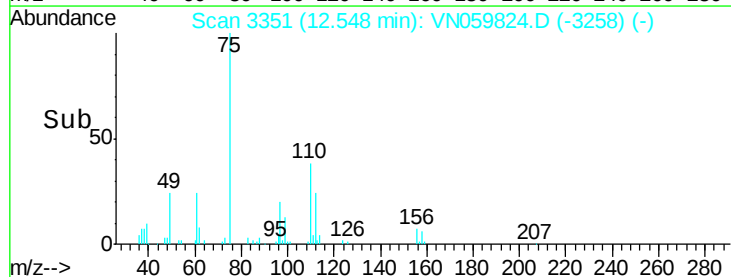
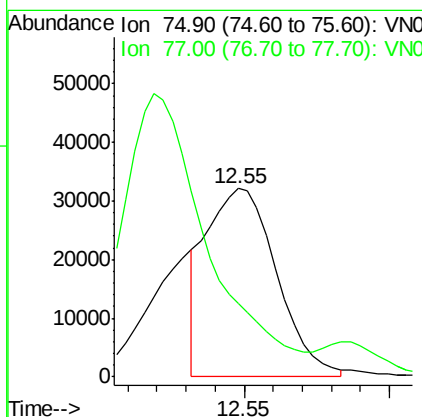
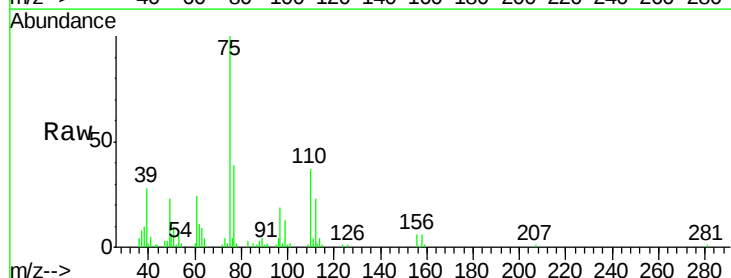
RT: 12.55 min Scan# 3351

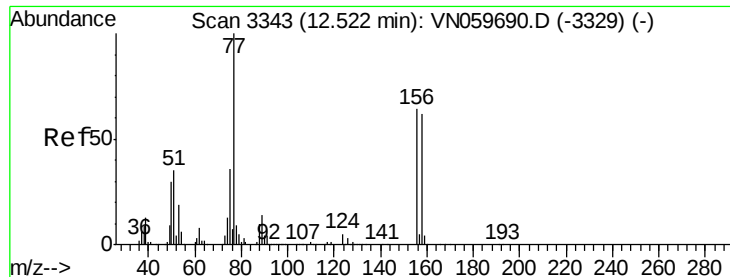
Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	75	Resp:	53924
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.560 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

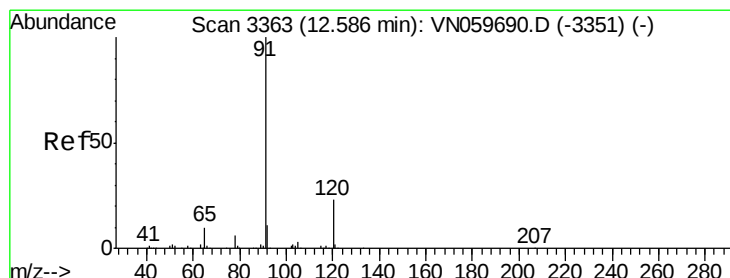
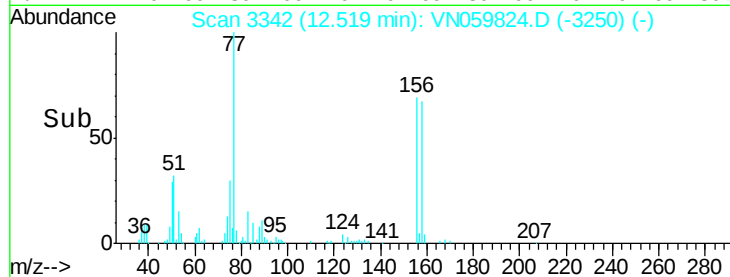
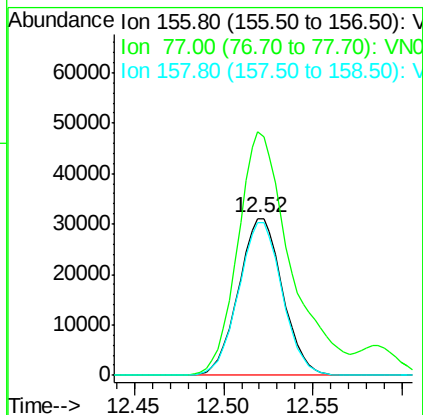
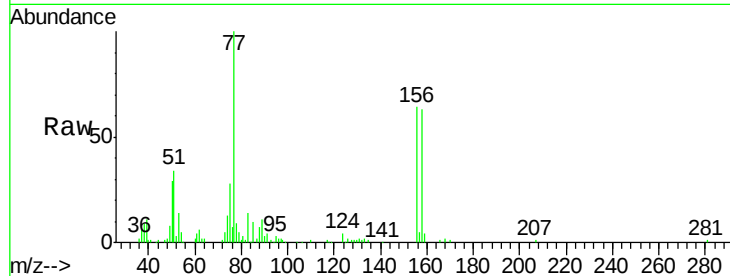
ClientSampleId :

VN0122WBS01

Tot Ion:	156	Resp:	53397
Ion Ratio	Lower	Upper	
156	100		
77	186.6	115.8	347.4
158	96.7	49.2	147.6

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#78

n-propylbenzene

Concen: 20.048 ug/l

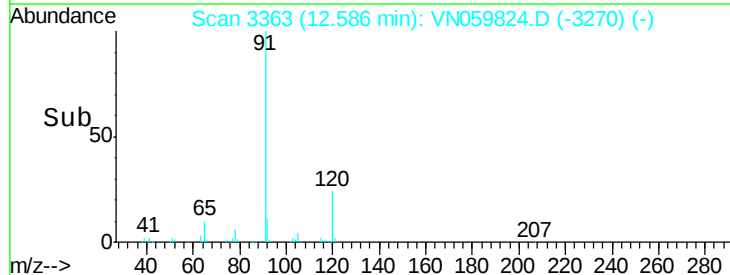
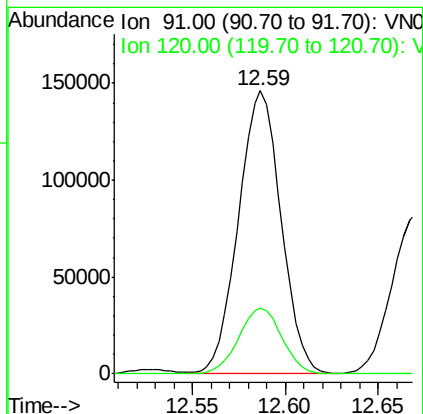
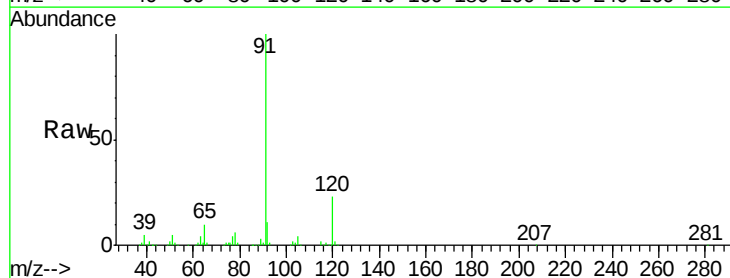
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	91	Resp:	230773
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.1	33.3





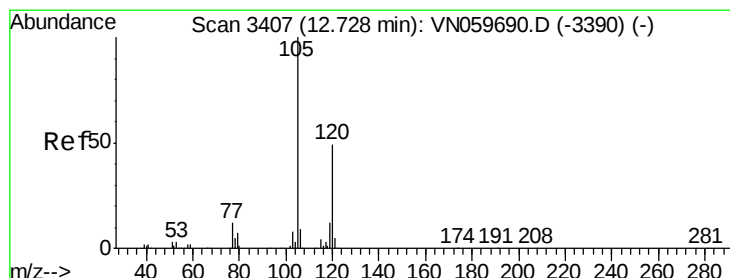
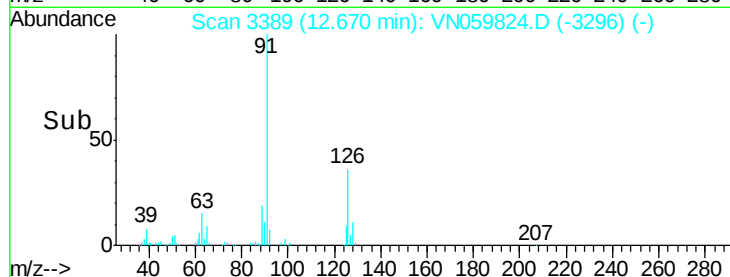
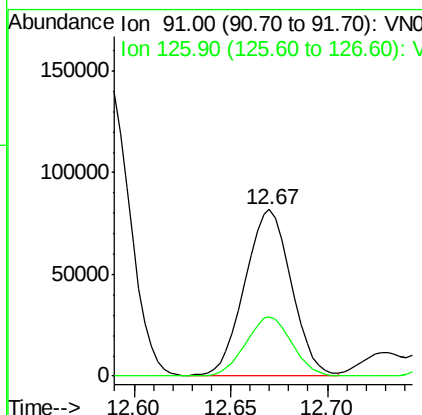
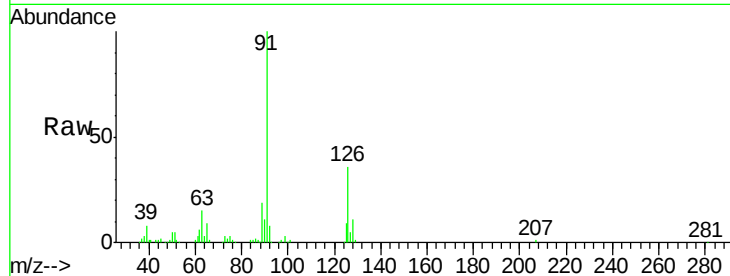
#79
 2-Chlorotoluene
 Concen: 19.879 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion: 91 Resp: 136125
 Ion Ratio Lower Upper
 91 100
 126 35.7 16.3 48.9

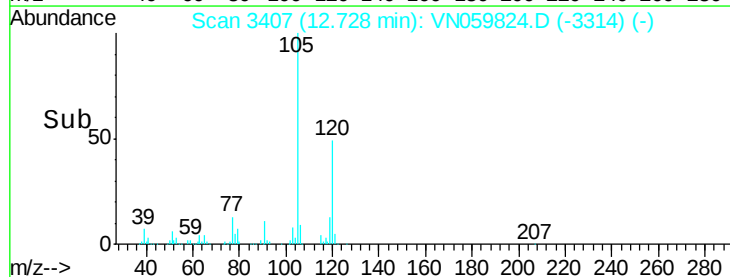
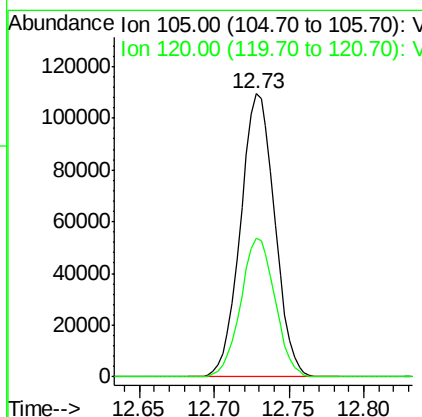
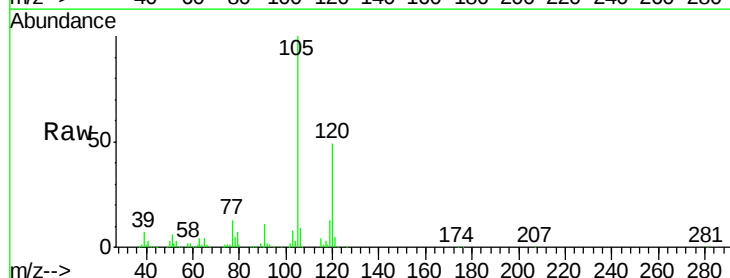
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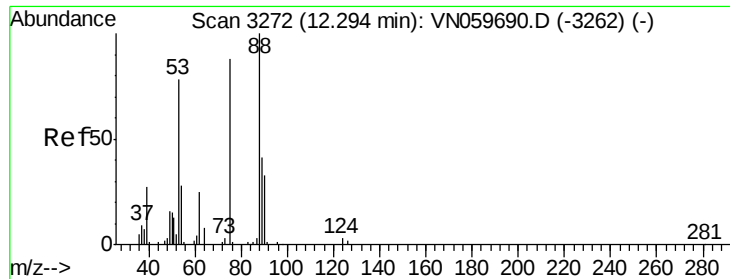
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.226 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion: 105 Resp: 174449
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





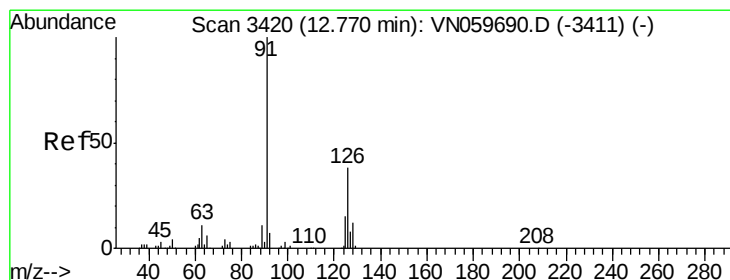
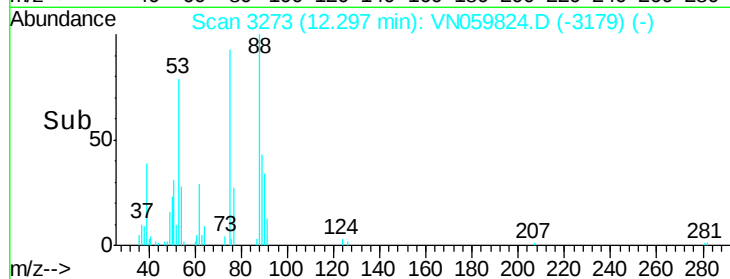
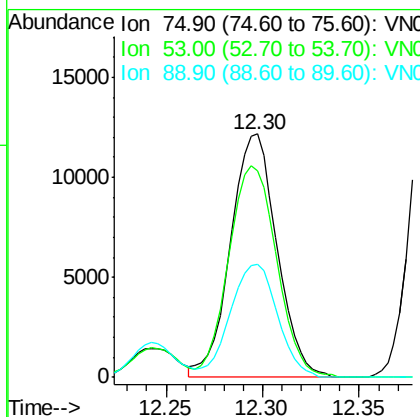
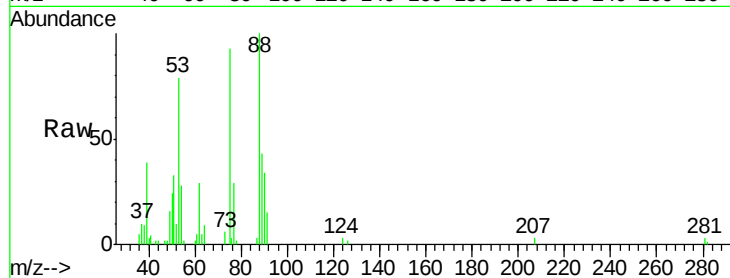
#81
trans-1,4-Dichloro-2-butene
Concen: 18.492 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	78.1	117.1
89	47.7	35.4	53.2

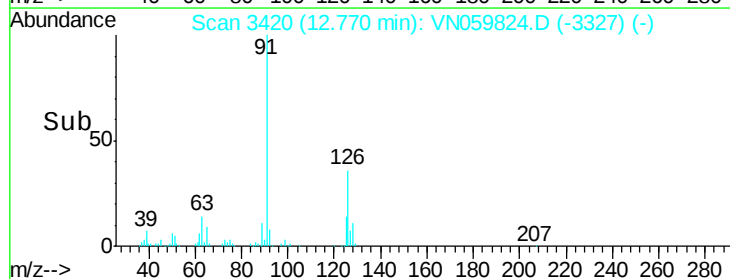
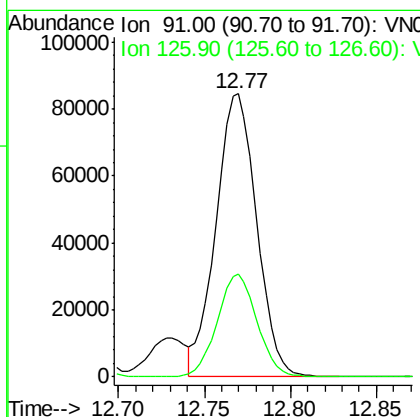
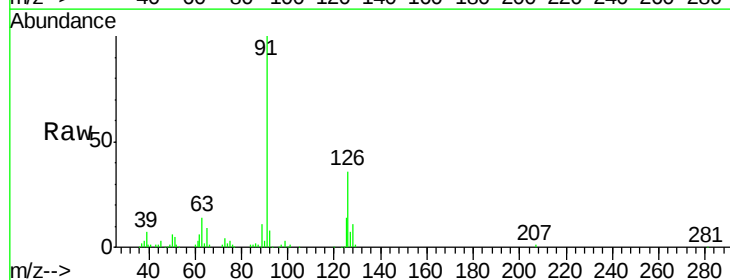
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#82
4-Chlorotoluene
Concen: 20.139 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	16.3	48.8





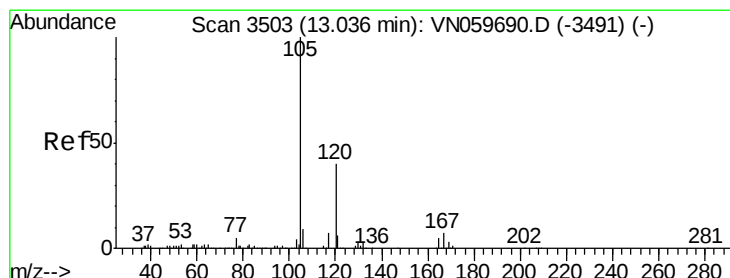
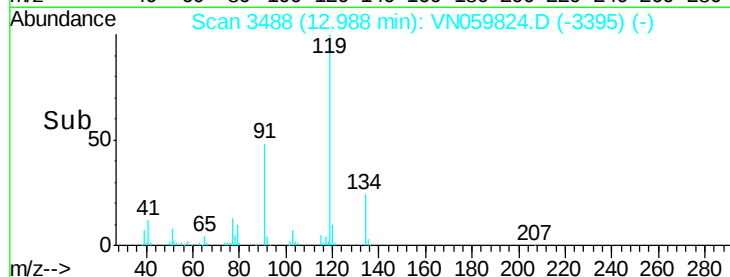
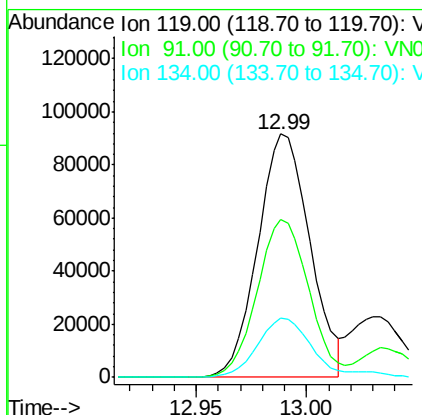
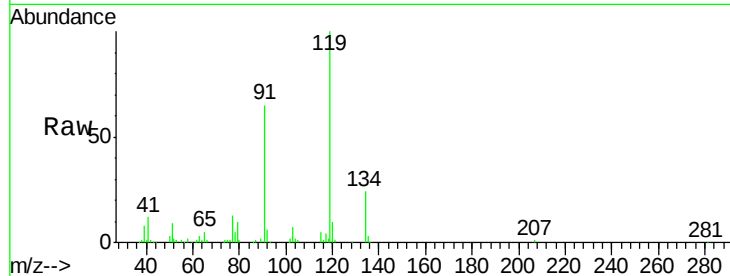
#83
tert-Butylbenzene
Concen: 20.155 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	34.8	104.4
134	24.5	12.3	36.9

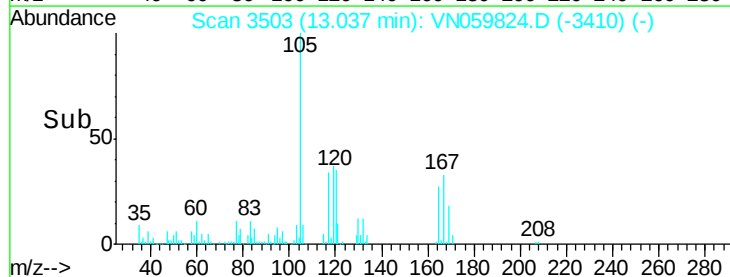
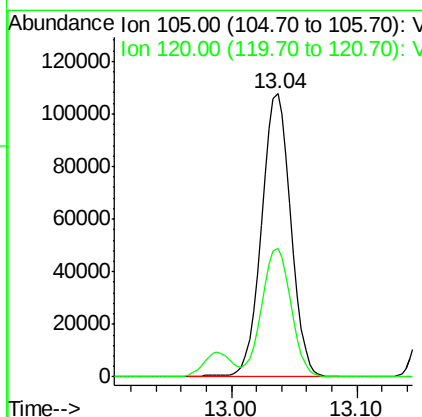
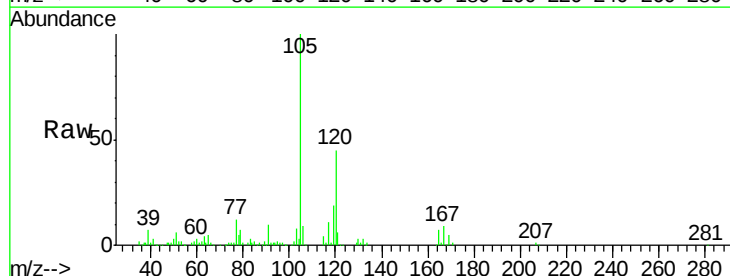
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#84
1,2,4-Trimethylbenzene
Concen: 20.469 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9





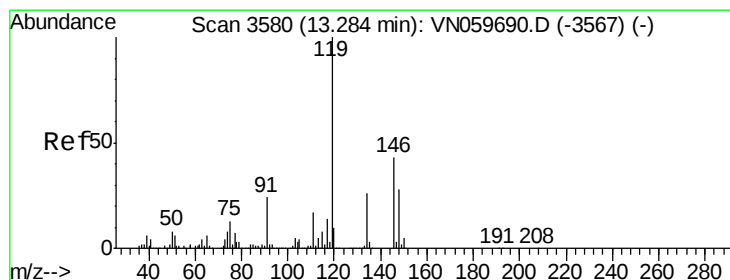
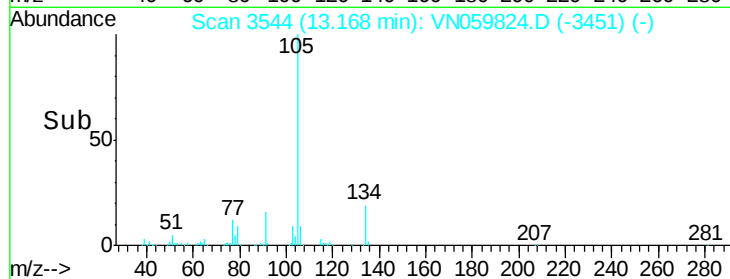
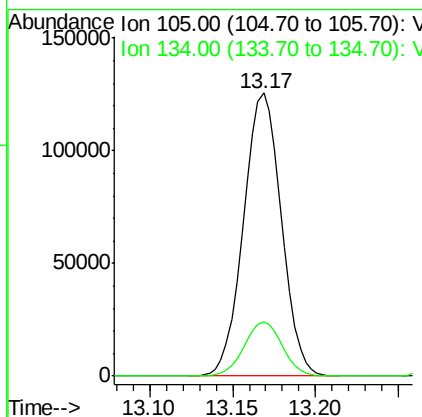
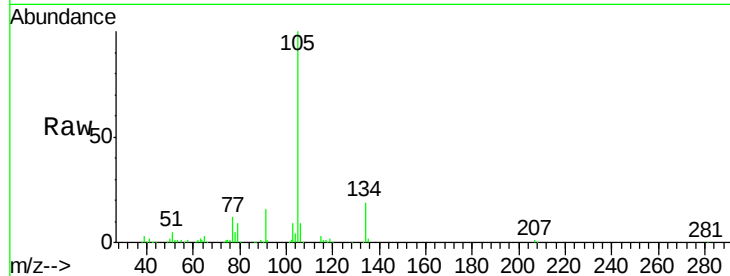
#85
 sec-Butylbenzene
 Concen: 20.416 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	200087		
134	19.3	9.8	29.5	

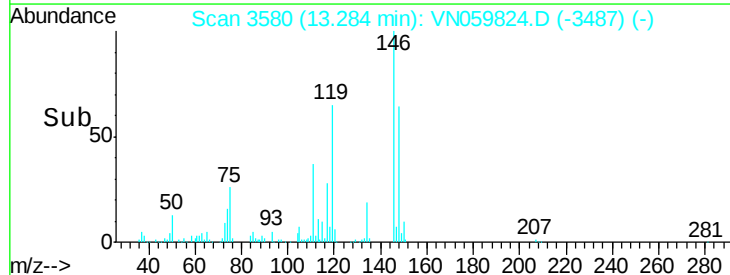
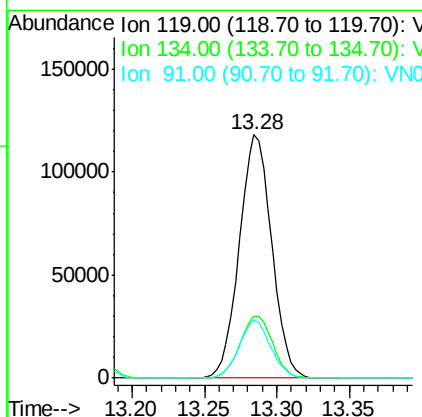
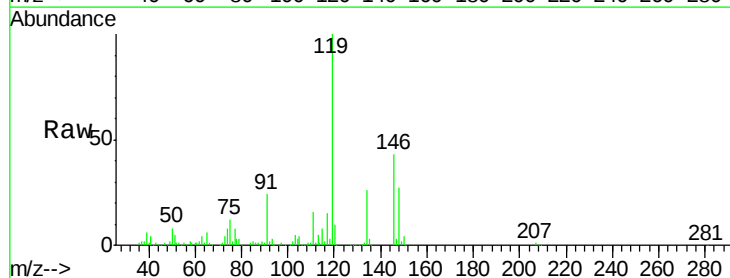
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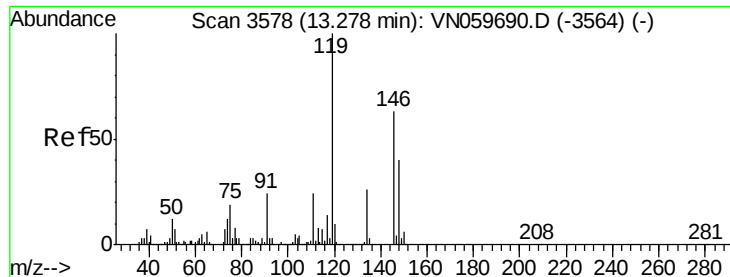
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#86
 p-Isopropyltoluene
 Concen: 20.225 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	183411		
134	25.8	12.9	38.7	
91	23.1	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.468 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Instrument :

MSVOA_N

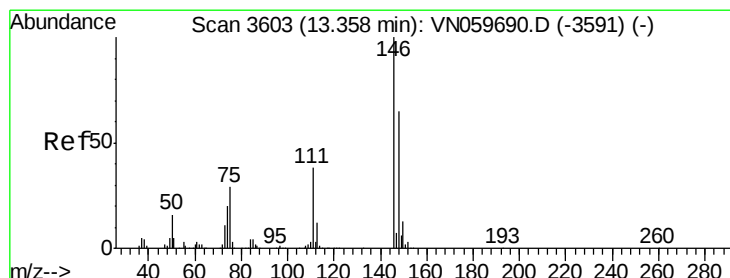
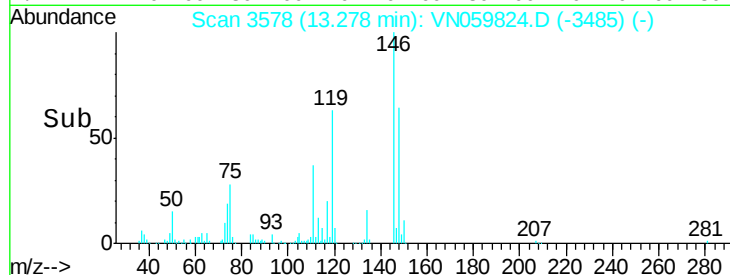
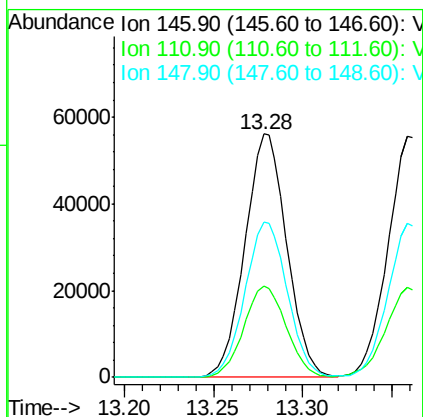
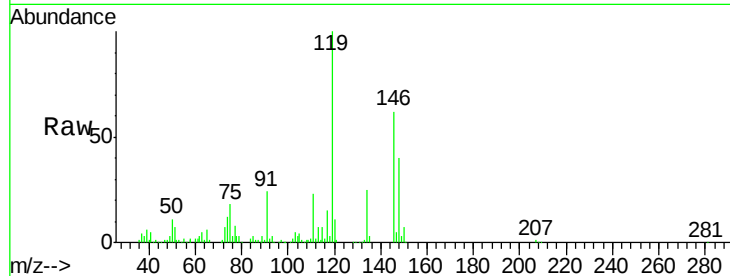
ClientSampleId :

VN0122WBS01

Tot Ion:	146	Resp:	92336
Ion Ratio	Lower	Upper	
146	100		
111	37.9	20.8	62.2
148	64.4	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.302 ug/l

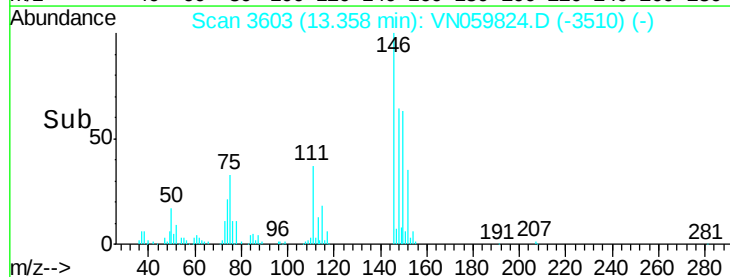
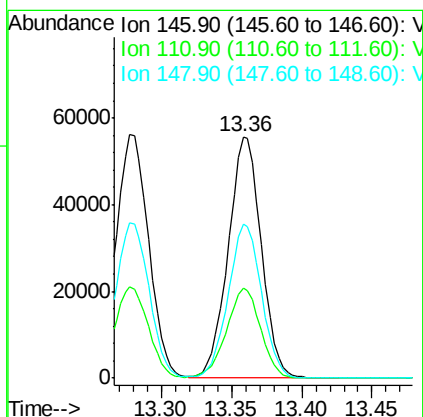
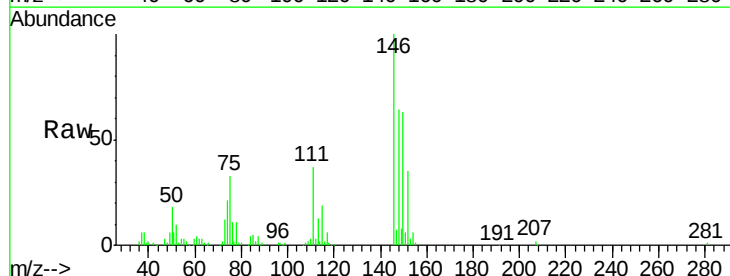
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059824.D

Acq: 22 Jan 2020 11:56

Tgt Ion:	146	Resp:	91368
Ion Ratio	Lower	Upper	
146	100		
111	38.5	20.8	62.2
148	64.6	31.8	95.4





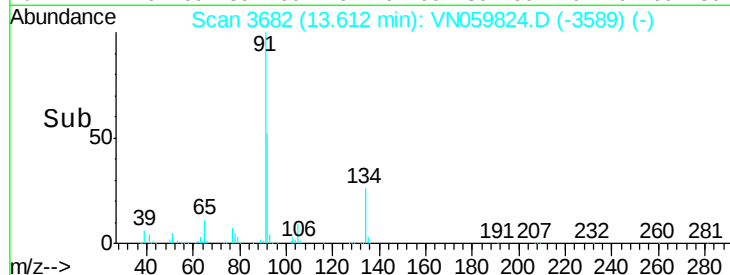
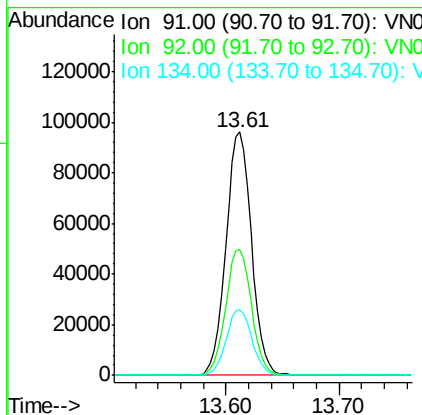
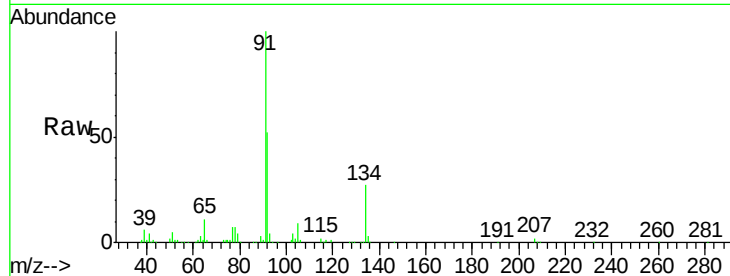
#89
n-Butylbenzene
Concen: 19.547 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.9	77.7
134	27.2	12.3	36.8

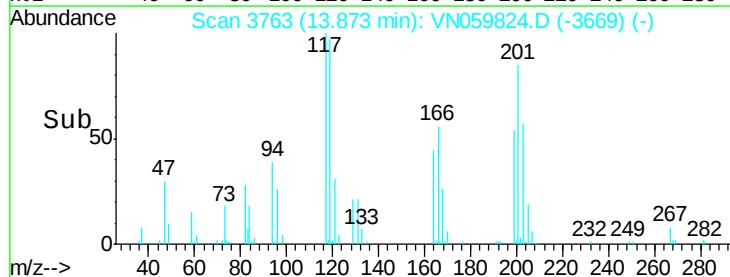
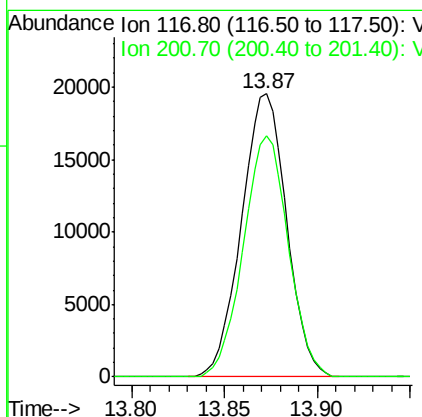
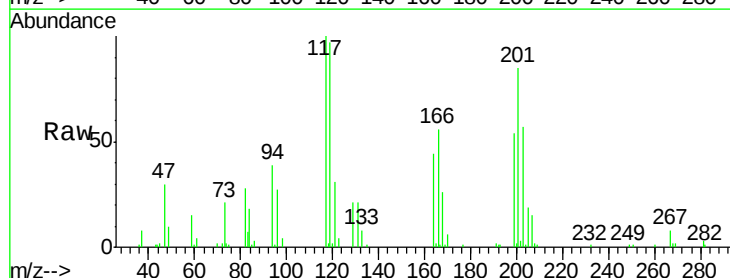
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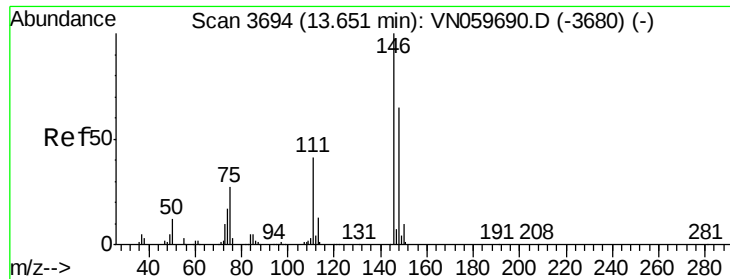
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#90
Hexachloroethane
Concen: 19.543 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.7	37.8	113.4





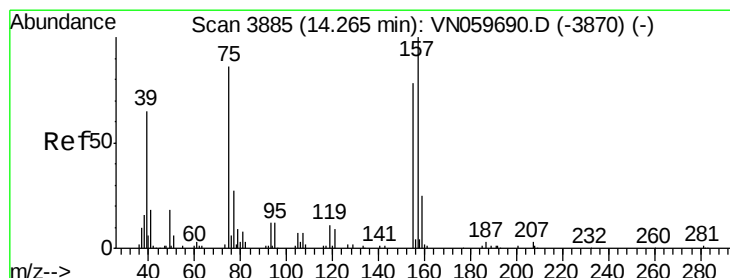
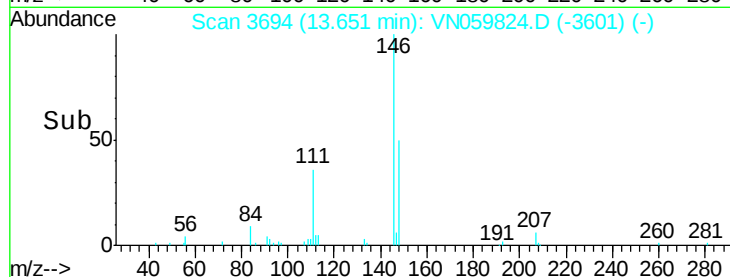
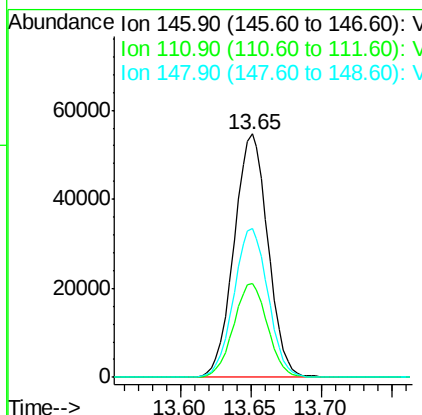
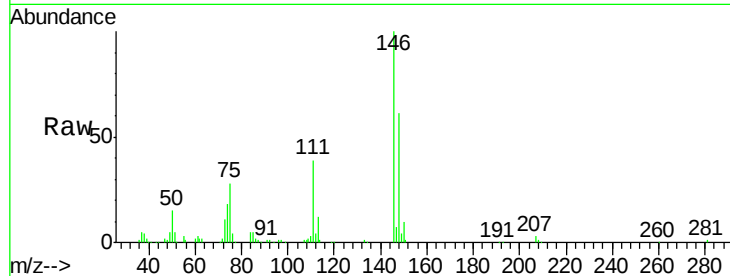
#91
 1,2-Dichlorobenzene
 Concen: 20.644 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.6	64.8
148	61.8	31.6	95.0

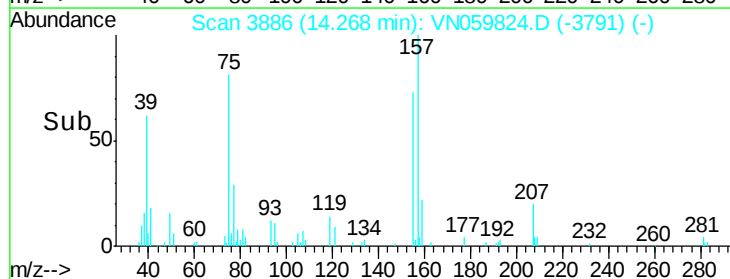
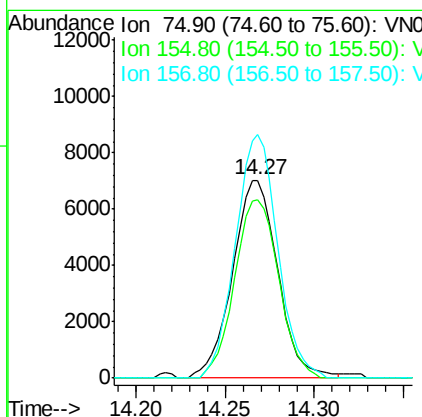
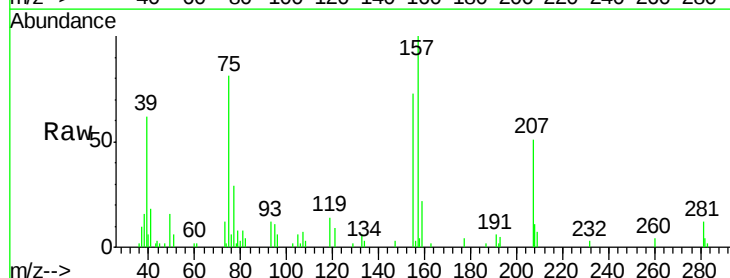
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.189 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059824.D
 Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	37.0	110.9
157	115.0	48.4	145.2





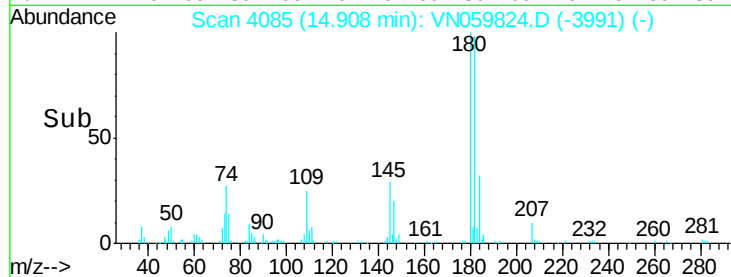
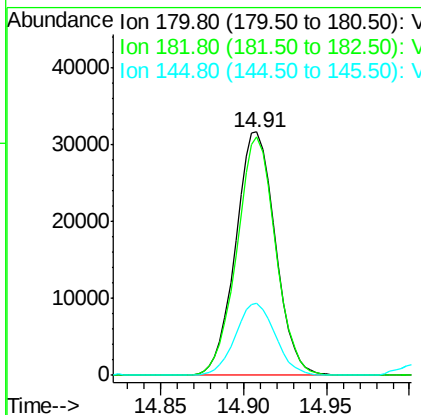
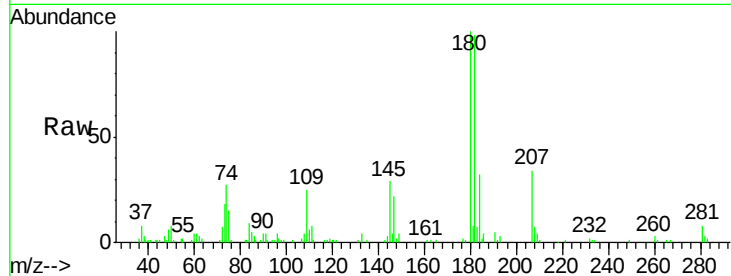
#93
1,2,4-Trichlorobenzene
Concen: 19.667 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.7	15.0	45.1

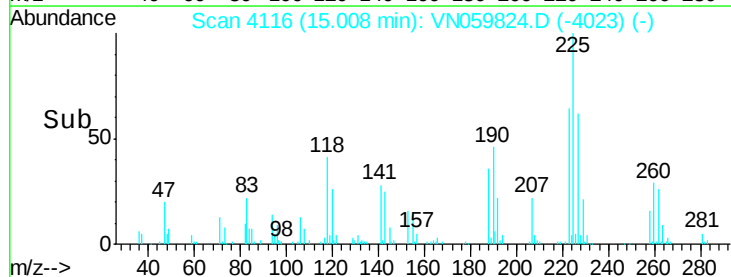
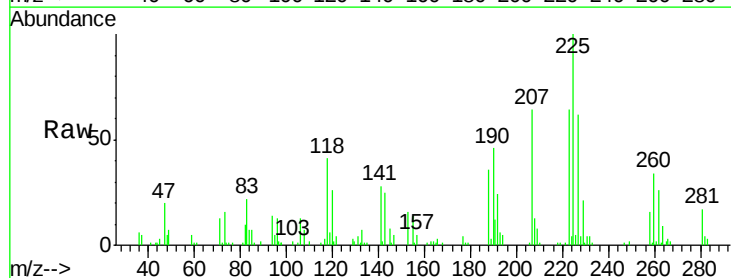
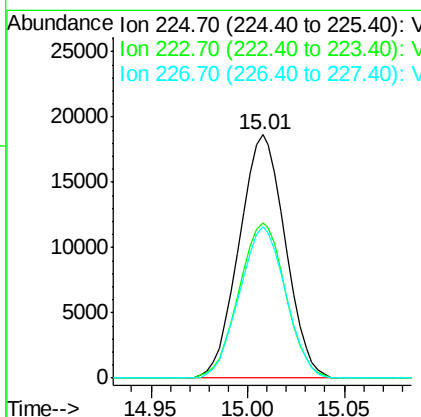
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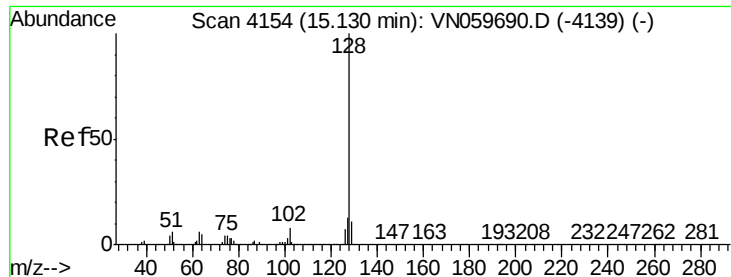
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#94
Hexachlorobutadiene
Concen: 20.924 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.8	95.3
227	62.1	32.1	96.5





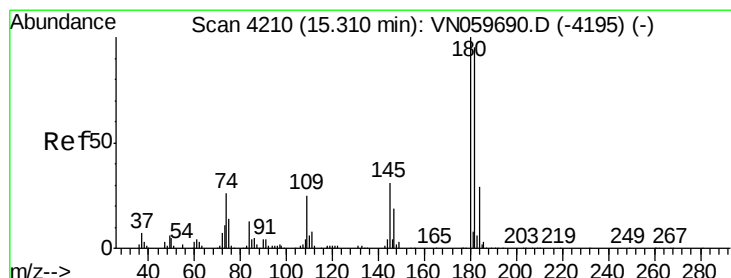
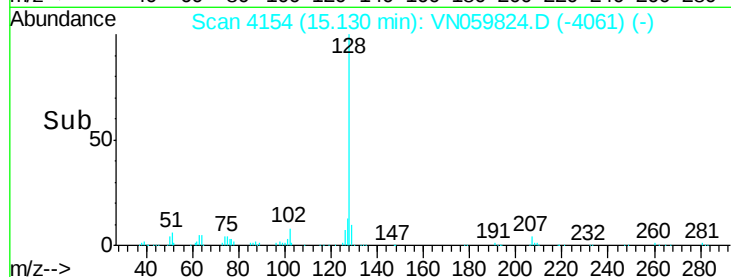
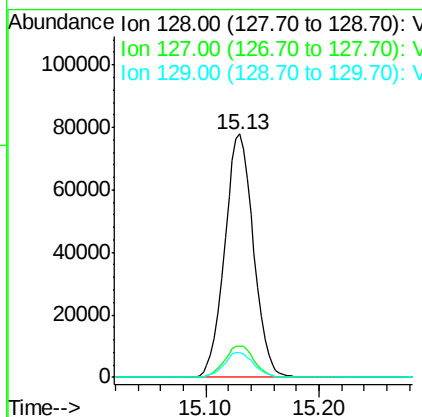
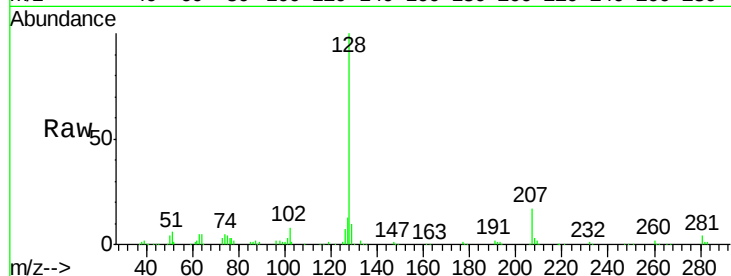
#95
Naphthalene
Concen: 18.042 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.5	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.762 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059824.D
Acq: 22 Jan 2020 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.3
145	30.0	16.3	48.9

