

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059941.D
 Acq On : 31 Jan 2020 12:29
 Operator : JC/MD
 Sample : VN0131WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 12:50:41 PM

Quant Time: Feb 03 02:52:23 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	183788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	280249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103118	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	7.57	113	84891	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.08	98	324482	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	117042	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	37321	16.877	ug/l	99
3) Chloromethane	2.04	50	37679	17.907	ug/l	100
4) Vinyl Chloride	2.17	62	47090	19.560	ug/l	99
5) Bromomethane	2.55	94	27735	18.877	ug/l	95
6) Chloroethane	2.69	64	21710	19.061	ug/l	95
7) Trichlorofluoromethane	3.00	101	56250	19.455	ug/l	97
8) Diethyl Ether	3.39	74	20517	20.220	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33215	20.641	ug/l	94
10) Methyl Iodide	3.93	142	41228	15.850	ug/l	97
11) Tert butyl alcohol	4.73	59	32381	94.242	ug/l #	81
12) 1,1-Dichloroethene	3.72	96	31224	18.570	ug/l	91
13) Acrolein	3.58	56	10538	43.327	ug/l	98
14) Allyl chloride	4.29	41	44840	19.785	ug/l #	87
15) Acrylonitrile	4.95	53	78776	100.510	ug/l	98
16) Acetone	3.78	43	94363	130.780	ug/l	96
17) Carbon Disulfide	4.03	76	77004	16.076	ug/l	99
18) Methyl Acetate	4.29	43	47454	19.905	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	111391	20.318	ug/l	94
20) Methylene Chloride	4.52	84	35706	18.522	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	33576	18.785	ug/l	88
22) Diisopropyl ether	5.91	45	103868	20.223	ug/l	94
23) Vinyl Acetate	5.86	43	383580	96.459	ug/l	95
24) 1,1-Dichloroethane	5.82	63	63584	20.261	ug/l	97
25) 2-Butanone	6.80	43	114067	98.690	ug/l	93
26) 2,2-Dichloropropane	6.79	77	58936	19.534	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40422	19.662	ug/l	88
28) Bromochloromethane	7.17	49	23764	18.946	ug/l #	76
29) Tetrahydrofuran	7.18	42	65730	91.914	ug/l #	87
30) Chloroform	7.35	83	65862	20.255	ug/l	95
31) Cyclohexane	7.63	56	54270	17.971	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	59227	19.700	ug/l	97
36) 1,1-Dichloropropene	7.77	75	47822	19.595	ug/l	95
37) Ethyl Acetate	6.90	43	43242	18.891	ug/l	97
38) Carbon Tetrachloride	7.75	117	53163	20.025	ug/l	100

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 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)
39) Methylcyclohexane	9.07	83	56103	18.644	ug/l	91
40) Benzene	8.02	78	141408	19.428	ug/l	98
41) Methacrylonitrile	7.16	41	22772m	20.198	ug/l	
42) 1,2-Dichloroethane	8.10	62	52090	21.108	ug/l	97
43) Isopropyl Acetate	8.14	43	74773	18.992	ug/l	95
44) Trichloroethene	8.82	130	41076	20.673	ug/l	94
45) 1,2-Dichloropropane	9.10	63	37004	20.546	ug/l	99
46) Dibromomethane	9.19	93	25918	20.400	ug/l	92
47) Bromodichloromethane	9.39	83	51912	20.276	ug/l	100
48) Methyl methacrylate	9.18	41	32314	18.349	ug/l	89
49) 1,4-Dioxane	9.18	88	13630	422.780	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	218443	95.979	ug/l	95
52) Toluene	10.14	92	91955	20.001	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	57796	20.217	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	61844	20.561	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	37665	20.685	ug/l	97
56) Ethyl methacrylate	10.42	69	52236	18.775	ug/l	94
57) 1,3-Dichloropropane	10.70	76	60134	20.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	85045	101.483	ug/l	92
59) 2-Hexanone	10.74	43	164509	98.115	ug/l	95
60) Dibromochloromethane	10.89	129	42625	20.557	ug/l	99
61) 1,2-Dibromoethane	11.00	107	38161	19.996	ug/l	100
64) Tetrachloroethene	10.62	164	44419	21.345	ug/l	96
65) Chlorobenzene	11.43	112	102051	20.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39007	20.114	ug/l	98
67) Ethyl Benzene	11.50	91	179324	19.683	ug/l	97
68) m/p-Xylenes	11.62	106	134034	38.946	ug/l	95
69) o-Xylene	11.94	106	66293	19.676	ug/l	94
70) Styrene	11.96	104	106278	18.851	ug/l	97
71) Bromoform	12.12	173	31218	20.097	ug/l #	99
73) Isopropylbenzene	12.25	105	178695	19.737	ug/l	99
74) N-amyl acetate	12.07	43	61441	17.489	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	51210	19.511	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	44628m	21.481	ug/l	
77) Bromobenzene	12.52	156	44769	19.526	ug/l	84
78) n-propylbenzene	12.59	91	198269	19.511	ug/l	97
79) 2-Chlorotoluene	12.67	91	118909	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	147508	19.373	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	17582	18.174	ug/l	95
82) 4-Chlorotoluene	12.77	91	120262	19.834	ug/l	95
83) tert-Butylbenzene	12.99	119	129428	19.654	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	147512	19.582	ug/l	99
85) sec-Butylbenzene	13.17	105	168104	19.429	ug/l	98
86) p-Isopropyltoluene	13.29	119	154507	19.299	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	78748	19.773	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76796	19.329	ug/l	97
89) n-Butylbenzene	13.61	91	132781	19.452	ug/l	97
90) Hexachloroethane	13.87	117	28489	19.020	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	78481	19.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10416	17.116	ug/l	84

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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)
93) 1,2,4-Trichlorobenzene	14.91	180	44628	18.863	ug/l	97
94) Hexachlorobutadiene	15.01	225	25917	19.879	ug/l	98
95) Naphthalene	15.13	128	118281	17.577	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44632	19.381	ug/l	99

(#) = 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: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion:168 Resp: 183788

Ion Ratio Lower Upper

168 100

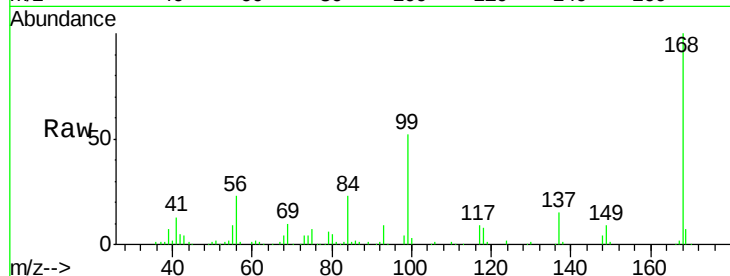
99 51.7 48.2 72.4

Manual Integrations

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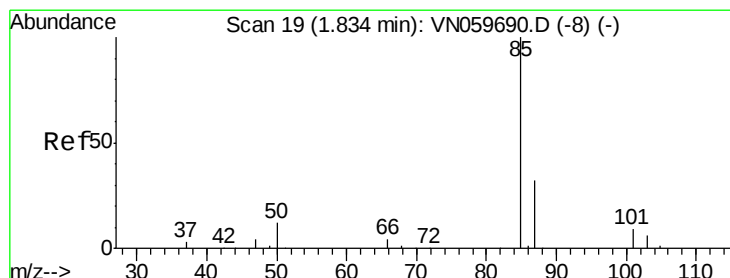
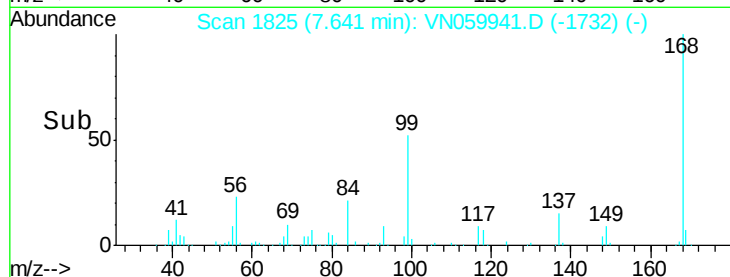
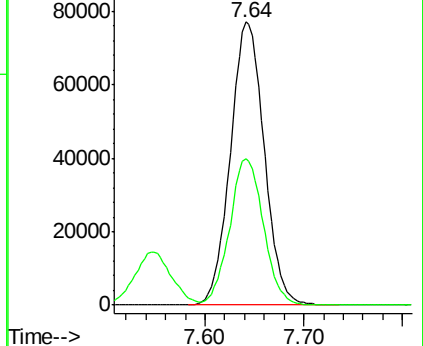
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.877 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059941.D

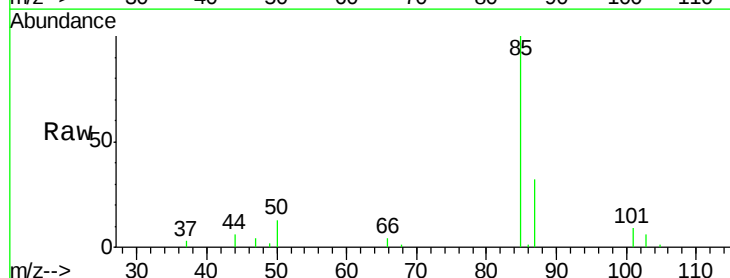
Acq: 31 Jan 2020 12:29

Tgt Ion: 85 Resp: 37321

Ion Ratio Lower Upper

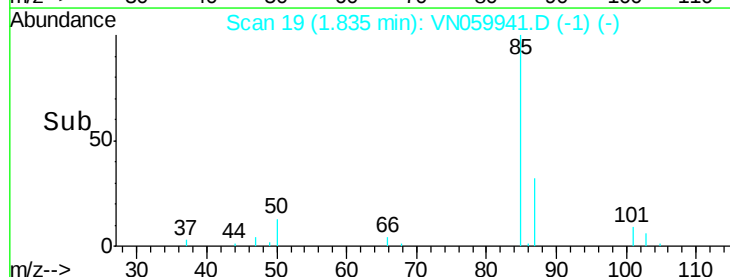
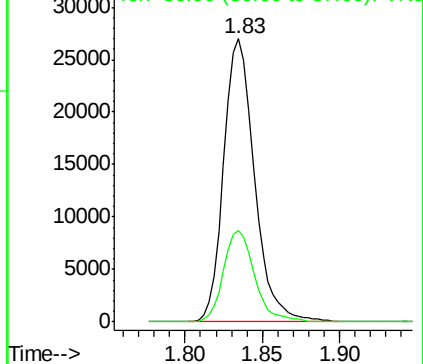
85 100

87 32.4 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: 17.907 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

Tot Ion: 50 Resp: 37679

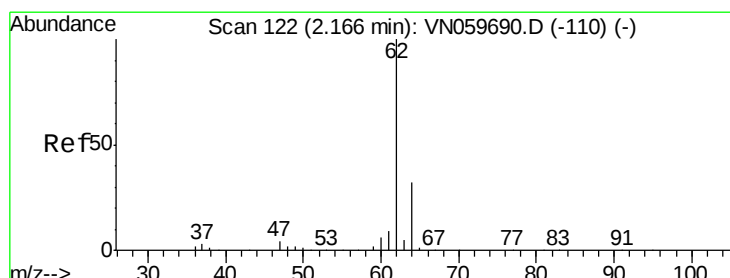
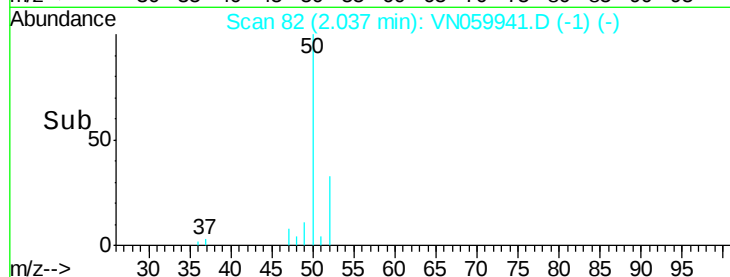
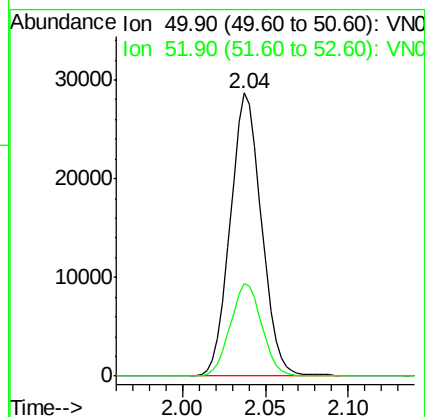
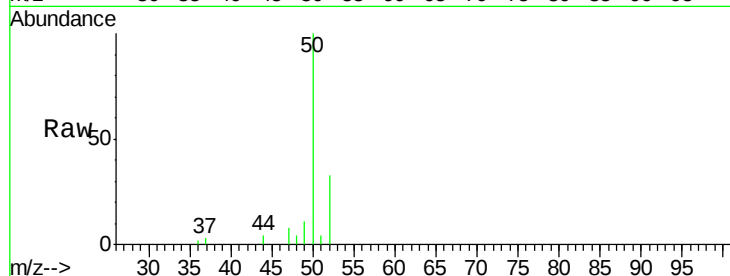
Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.560 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059941.D

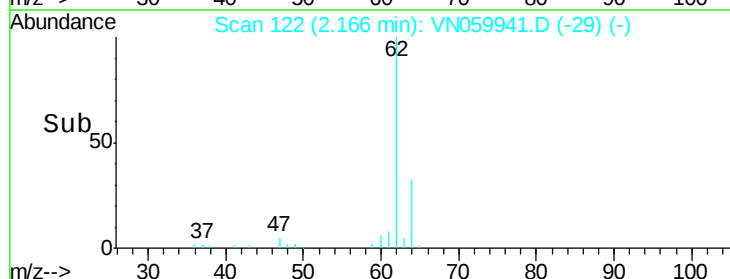
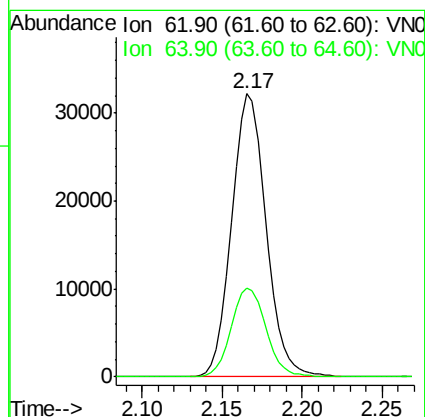
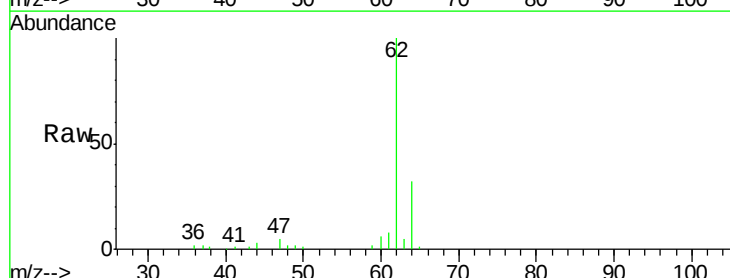
Acq: 31 Jan 2020 12:29

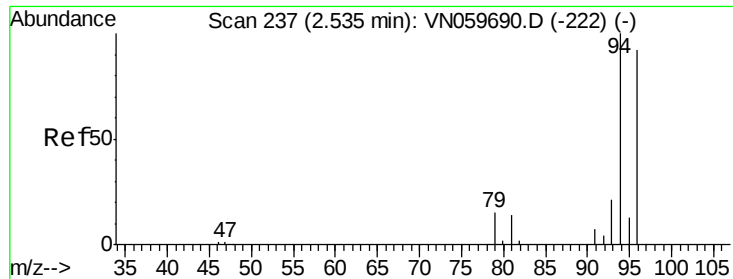
Tgt Ion: 62 Resp: 47090

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0





#5

Bromomethane

Concen: 18.877 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 94 Resp: 27735

Ion Ratio Lower Upper

94 100

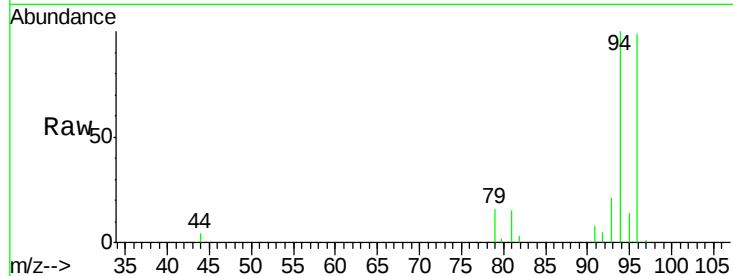
96 98.6 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

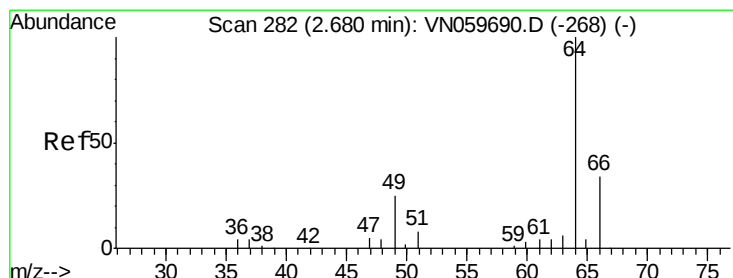
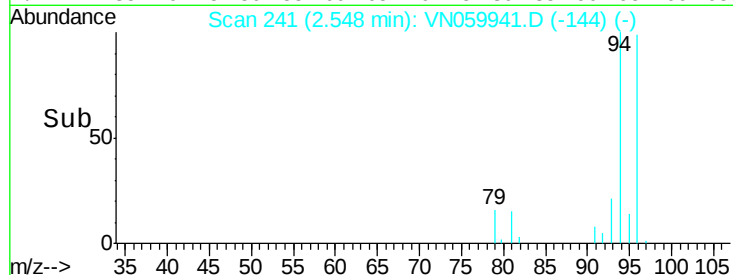
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.061 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059941.D

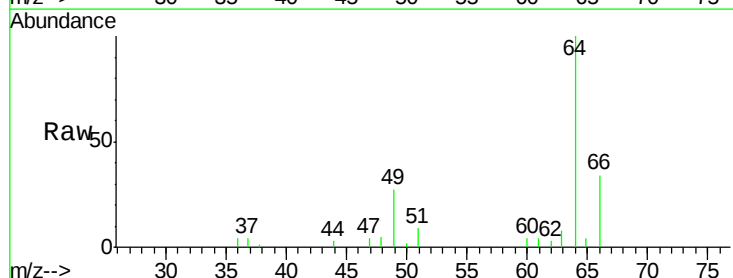
Acq: 31 Jan 2020 12:29

Tgt Ion: 64 Resp: 21710

Ion Ratio Lower Upper

64 100

66 34.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

12000

10000

8000

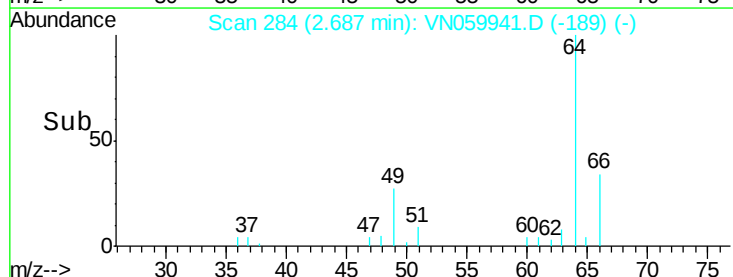
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4000

2000

0

Time-->





#7

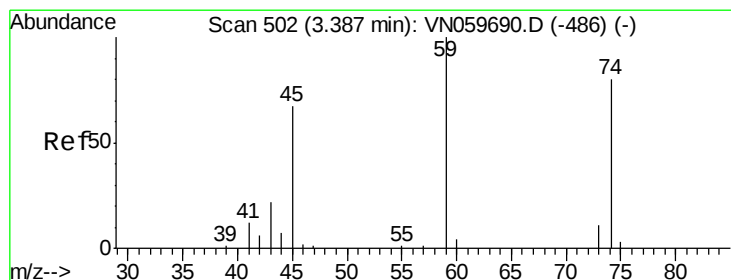
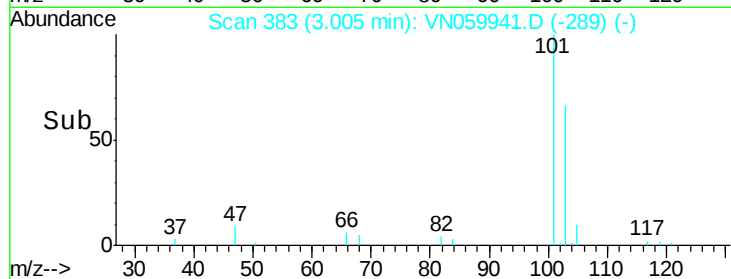
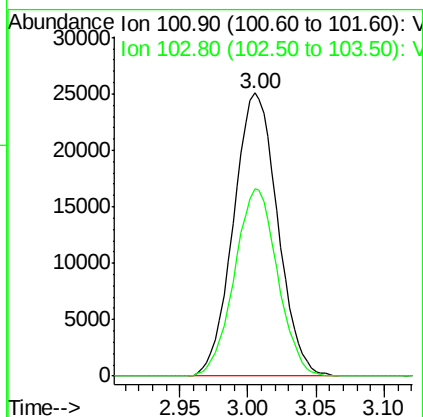
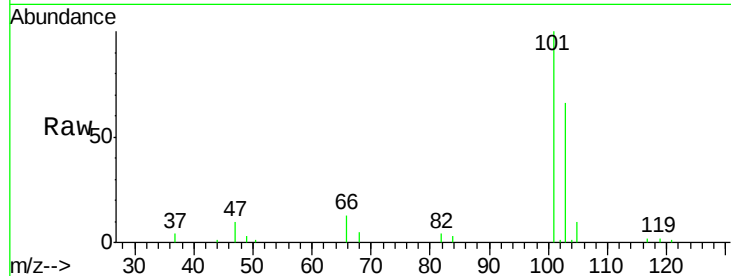
Trichlorofluoromethane
Concen: 19.455 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059941.D
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VN0131WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		56250		
103	66.1	51.0	76.6		

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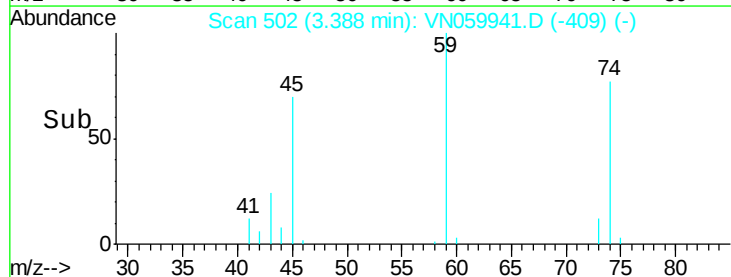
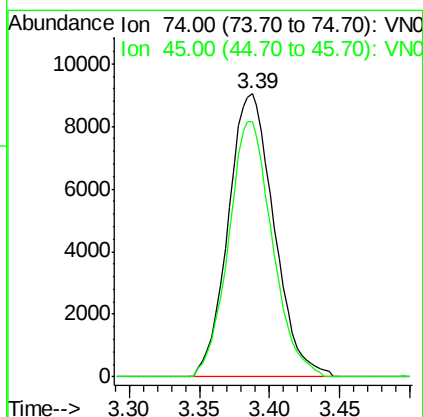
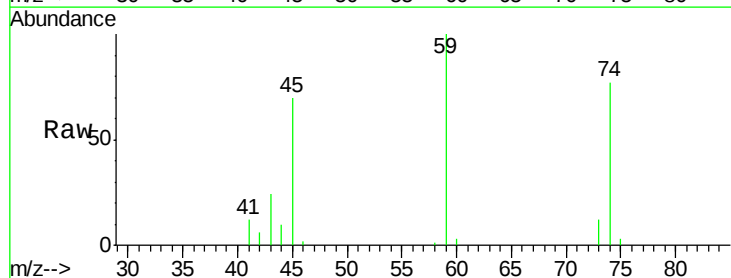
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#8

Diethyl Ether
Concen: 20.220 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		20517		
45	86.2	51.9	155.8		





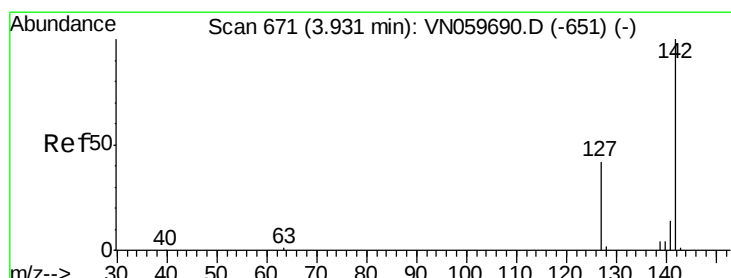
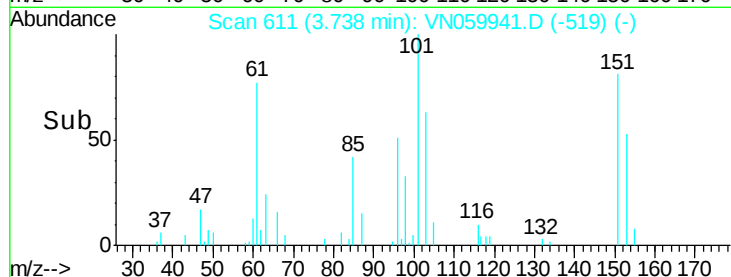
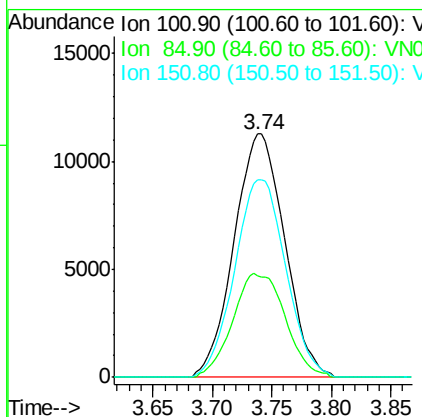
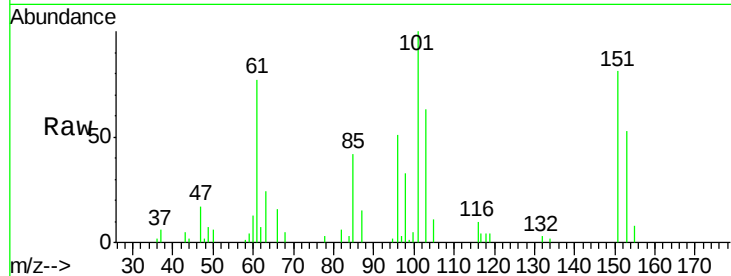
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.641 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059941.D
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Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.6	54.8
151	82.0	59.7	89.5

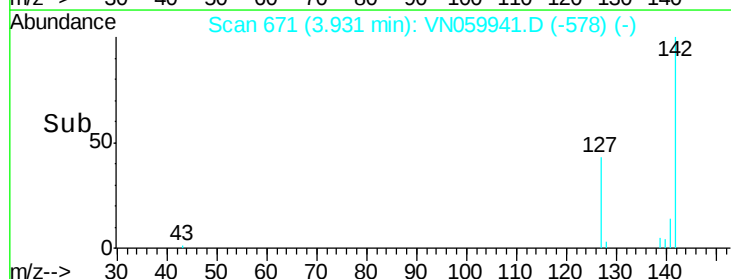
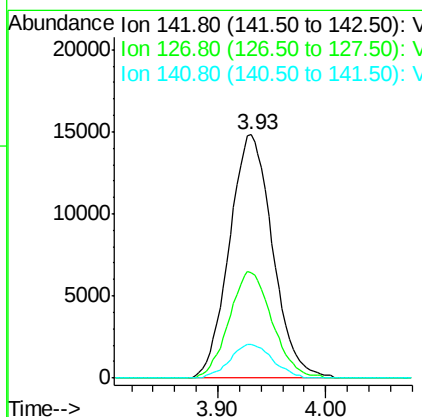
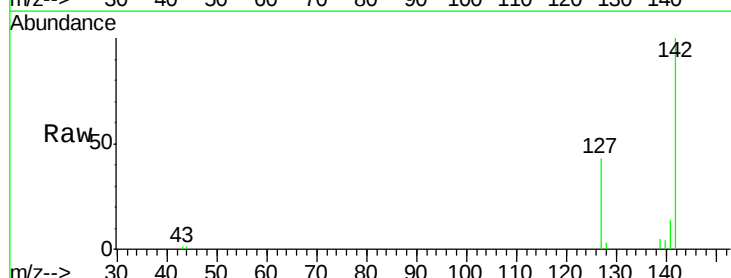
Manual Integrations
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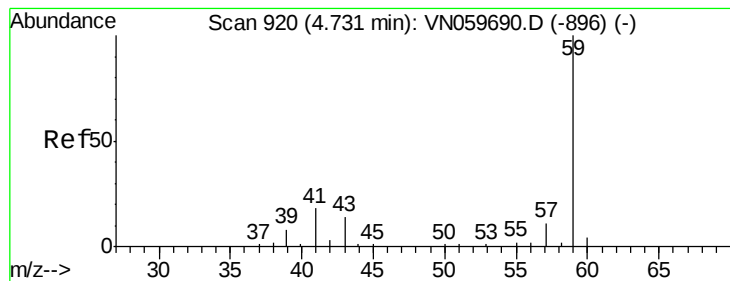
MMDadoda
2/4/2020 12:50:41 PM



#10
Methyl Iodide
Concen: 15.850 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.6	36.7	55.1
141	13.6	11.7	17.5





#11

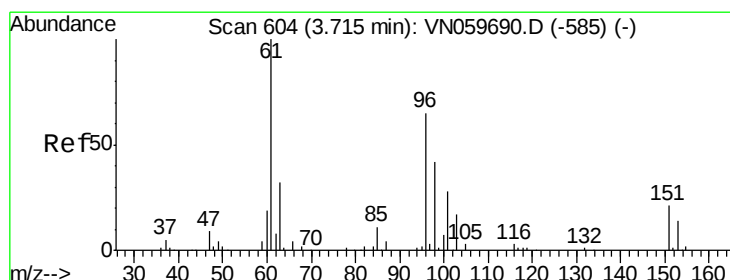
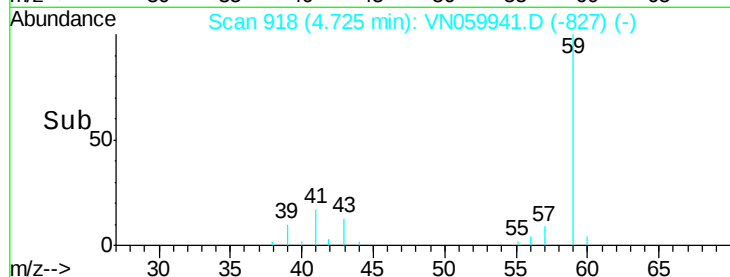
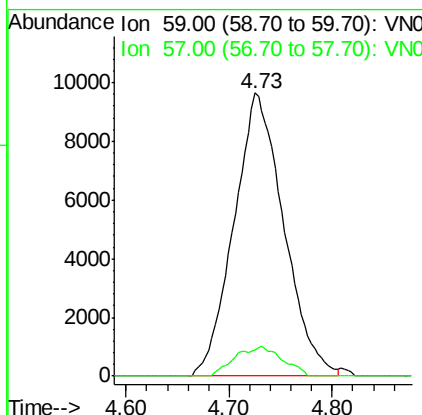
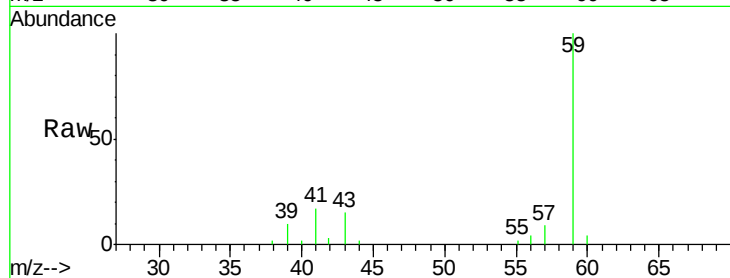
Tert butyl alcohol
 Concen: 94.242 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.6	12.8#

Manual Integrations
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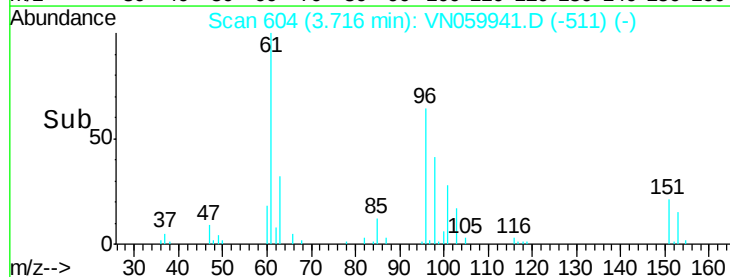
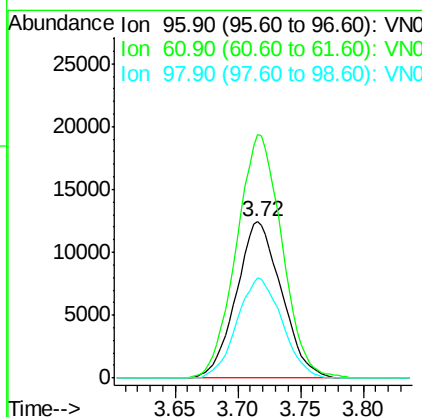
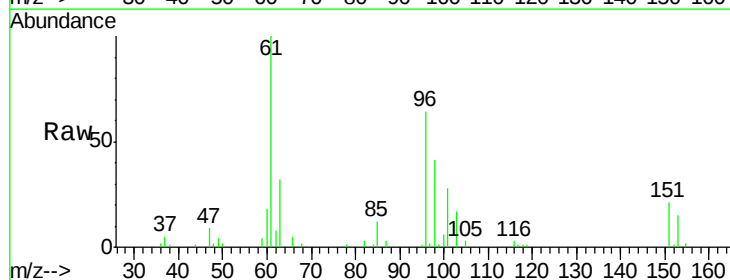
MMDadoda
 2/4/2020 12:50:41 PM



#12

1,1-Dichloroethene
 Concen: 18.570 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	137.5	206.3
98	64.0	50.2	75.4





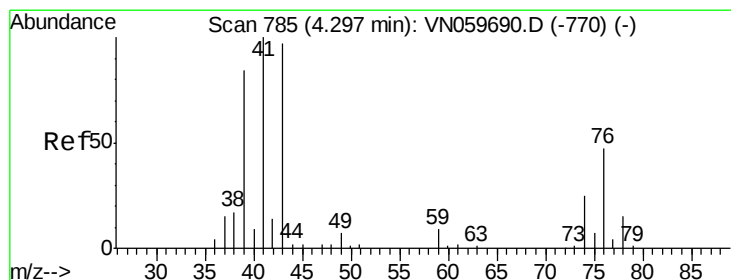
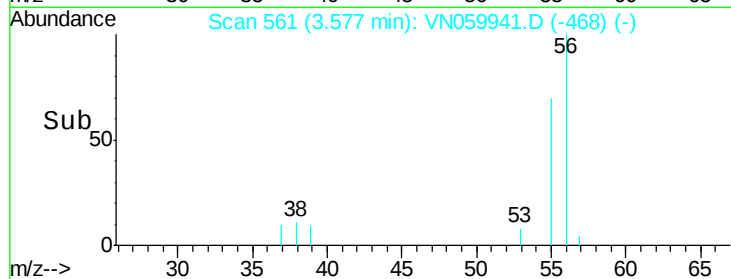
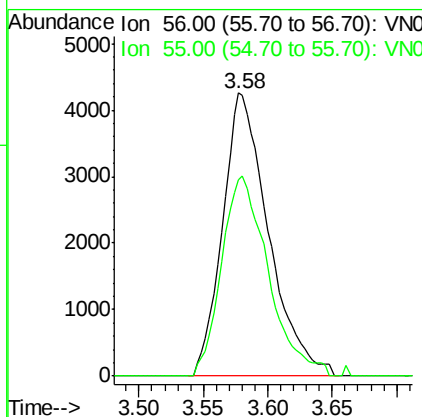
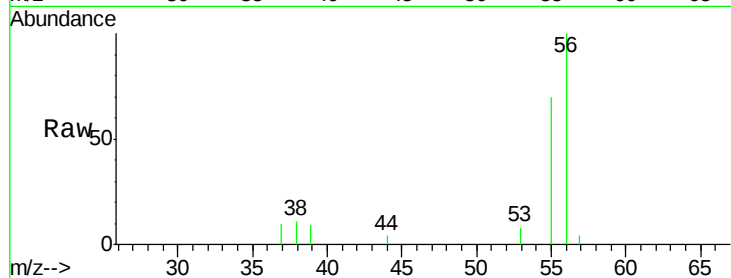
#13
Acrolein
Concen: 43.327 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	56	Resp	10538
Ion Ratio	Lower	Upper	
56	100		
55	71.8	58.6	88.0

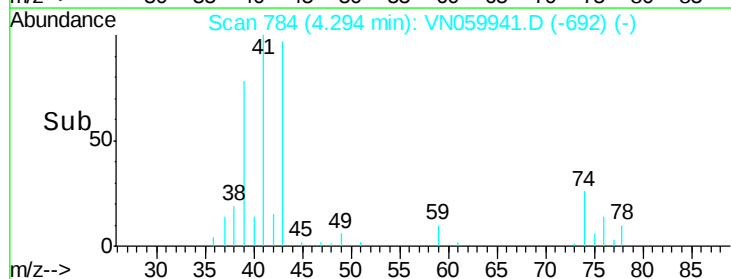
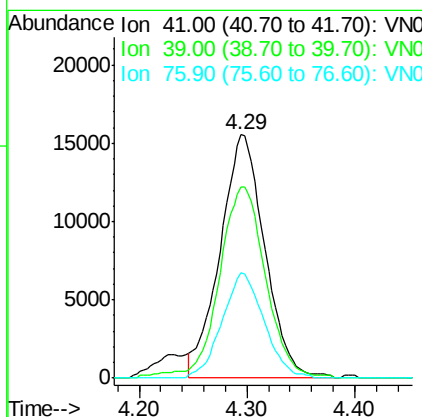
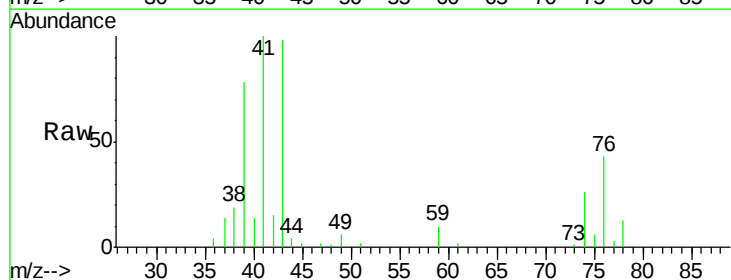
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#14
Allyl chloride
Concen: 19.785 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	41	Resp	44840
Ion Ratio	Lower	Upper	
41	100		
39	81.8	57.8	86.8
76	40.5	25.4	38.0#





#15

Acrylonitrile

Concen: 100.510 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

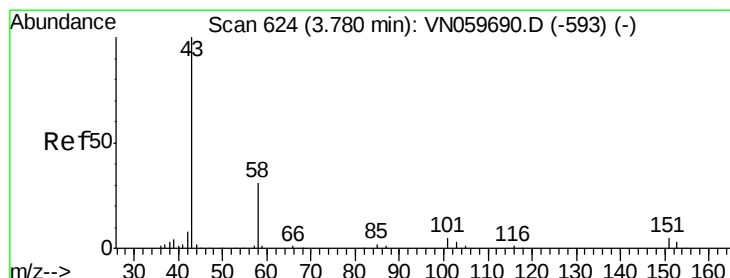
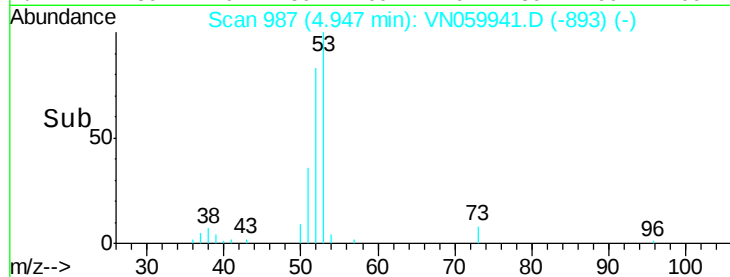
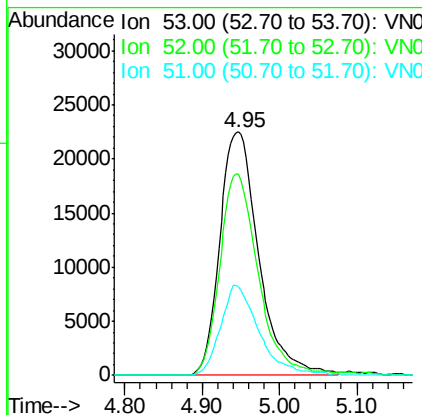
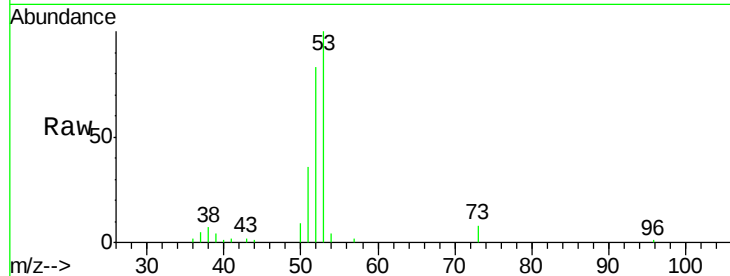
ClientSampled :

VN0131WBS01

Tot Ion:	53	Resp:	78776
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.3	99.5
51	36.5	29.7	44.5

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#16

Acetone

Concen: 130.780 ug/l

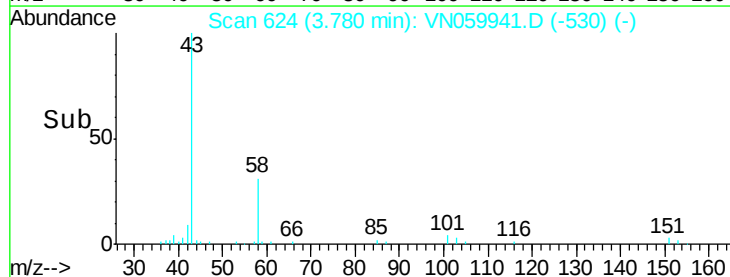
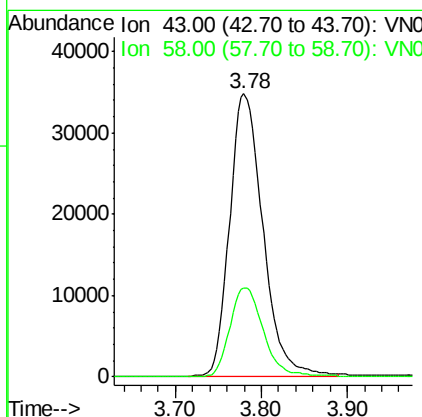
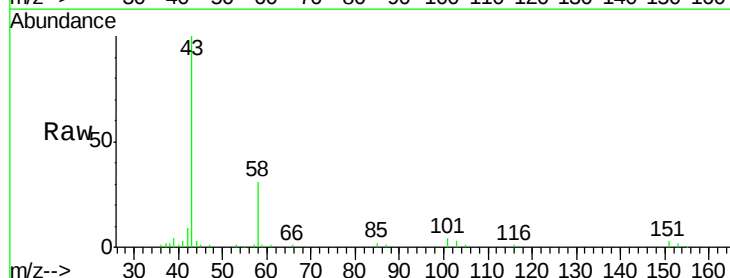
RT: 3.78 min Scan# 624

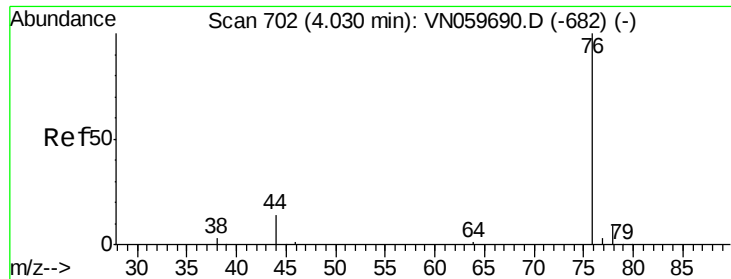
Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	43	Resp:	94363
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.6	35.4





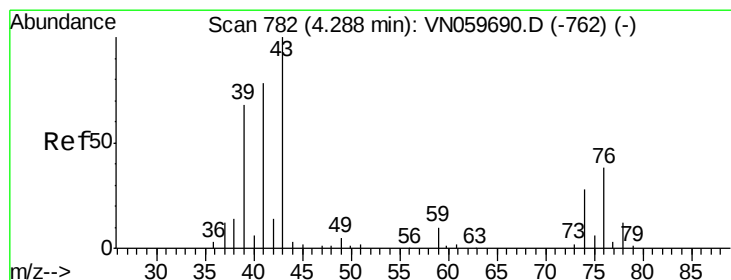
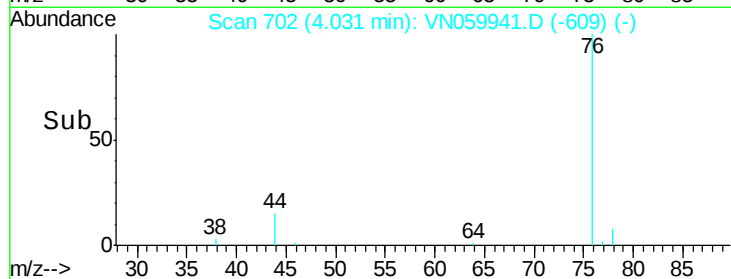
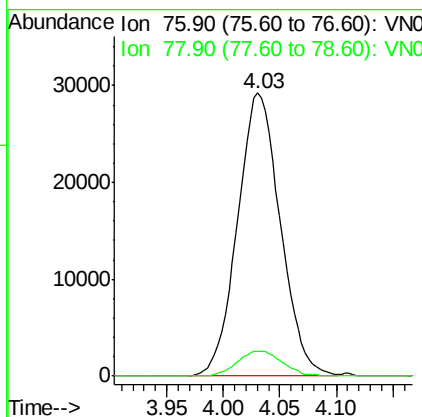
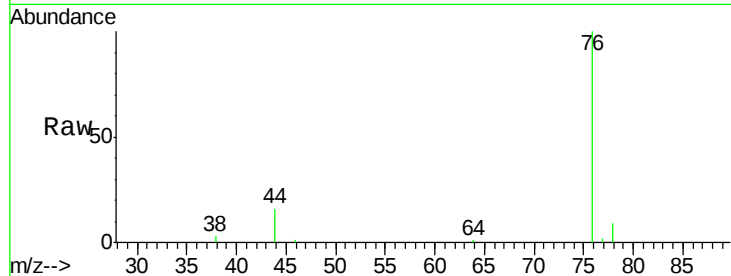
#17
Carbon Disulfide
Concen: 16.076 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion: 76 Resp: 77004
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

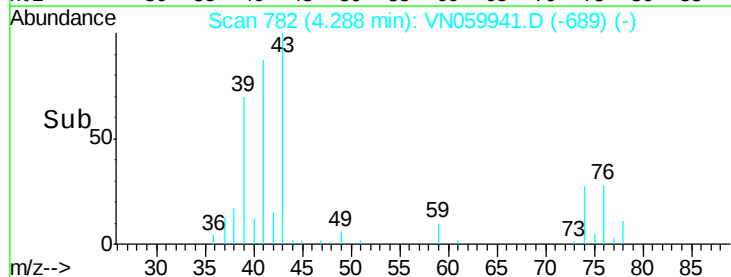
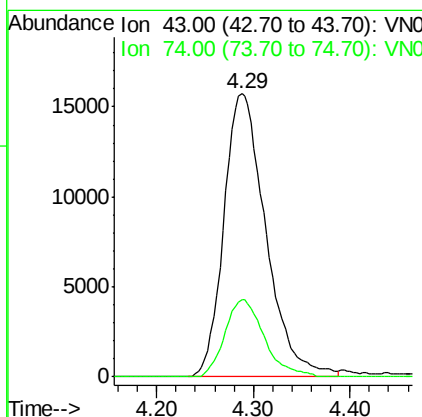
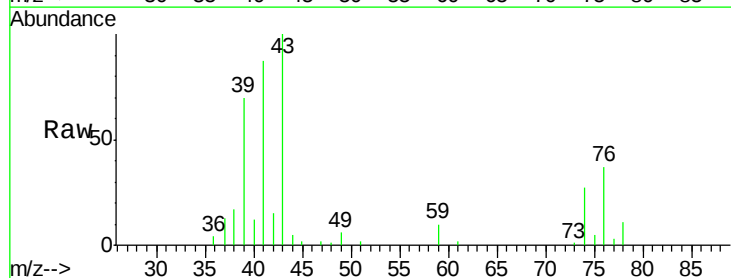
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#18
Methyl Acetate
Concen: 19.905 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 47454
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3





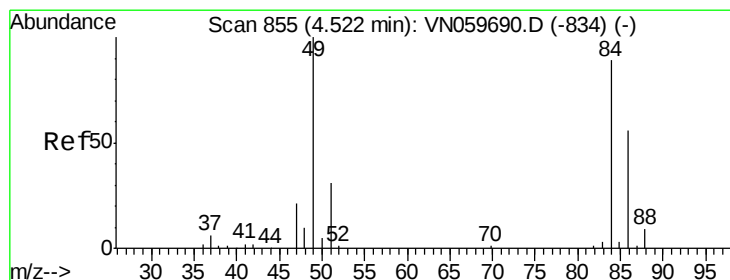
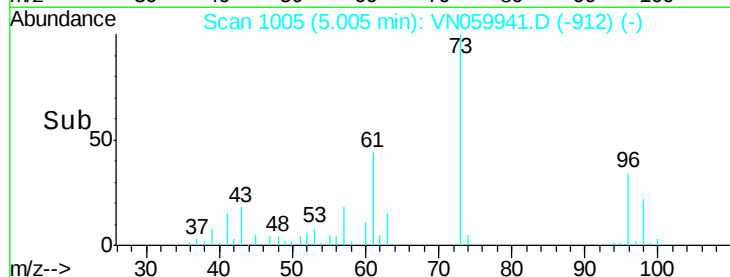
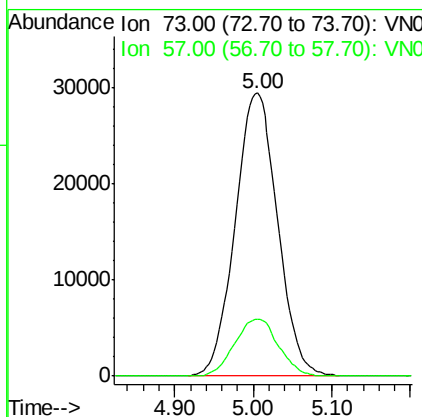
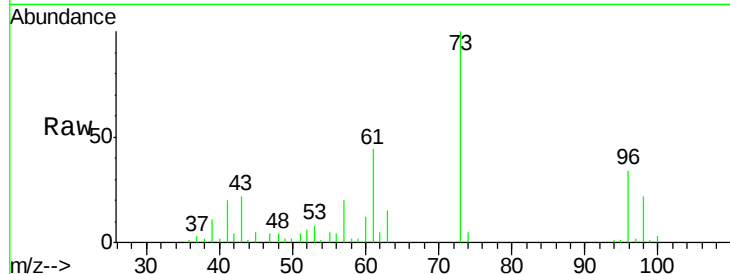
#19
Methvl tert-butvl Ether
Concen: 20.318 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion: 73 Resp: 111391
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8

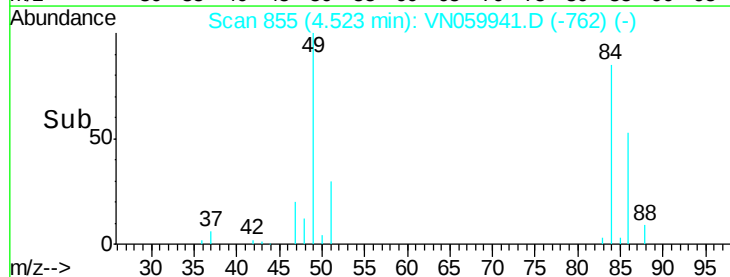
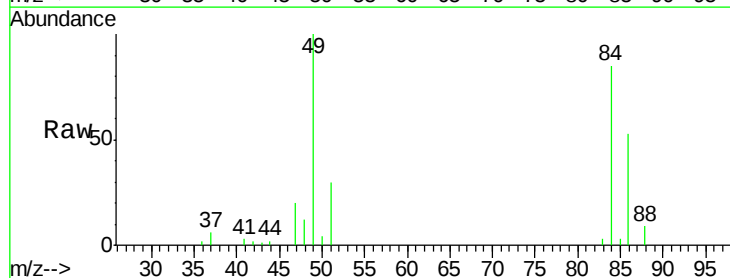
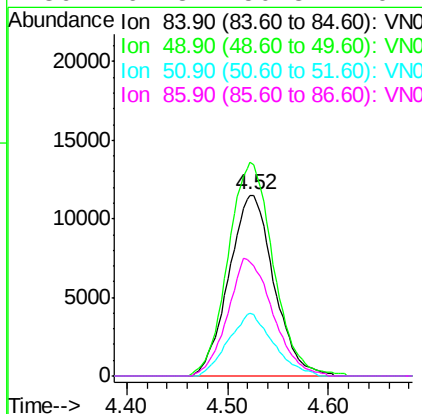
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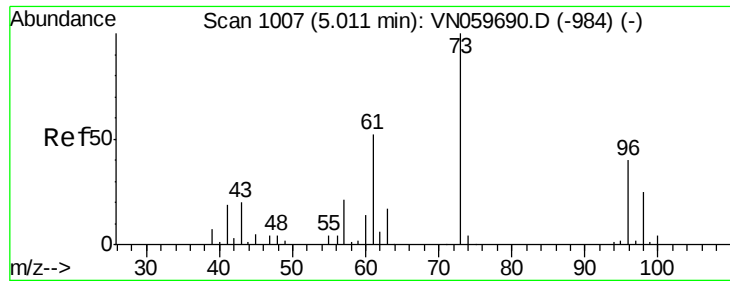
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#20
Methylene Chloride
Concen: 18.522 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 84 Resp: 35706
Ion Ratio Lower Upper
84 100
49 117.9 106.6 160.0
51 35.0 31.9 47.9
86 62.8 50.8 76.2





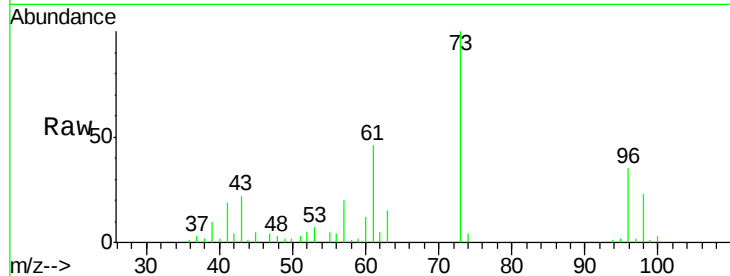
#21
trans-1,2-Dichloroethene
Concen: 18.785 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

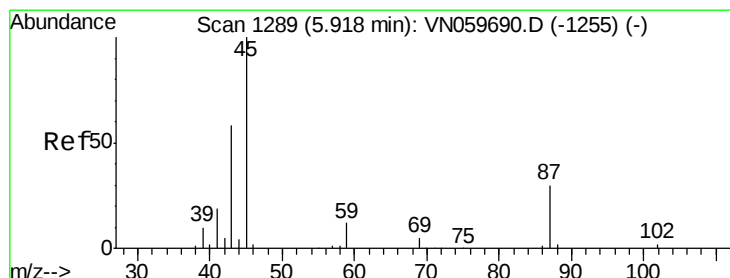
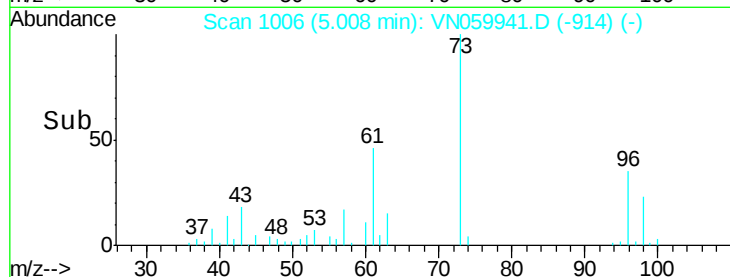
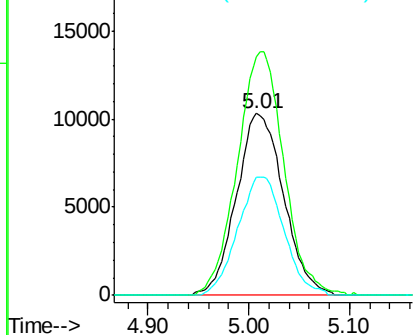
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	120.4	180.6
98	65.2	50.6	75.8

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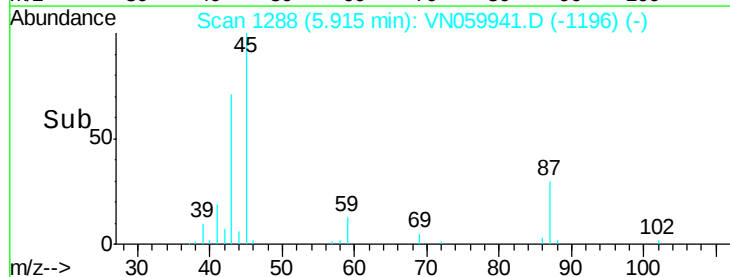
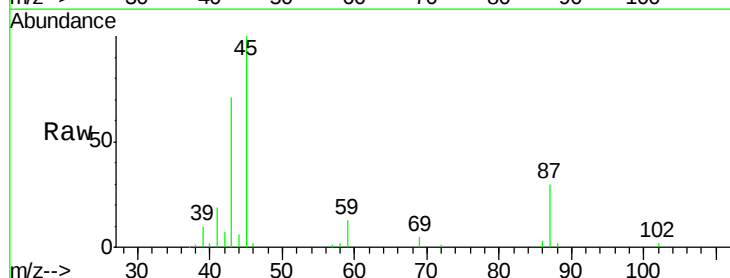
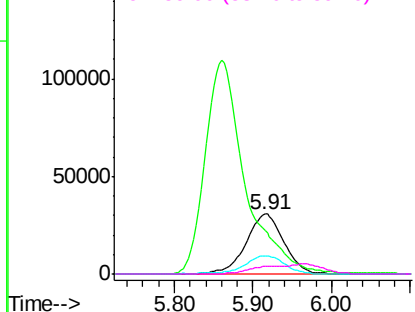
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

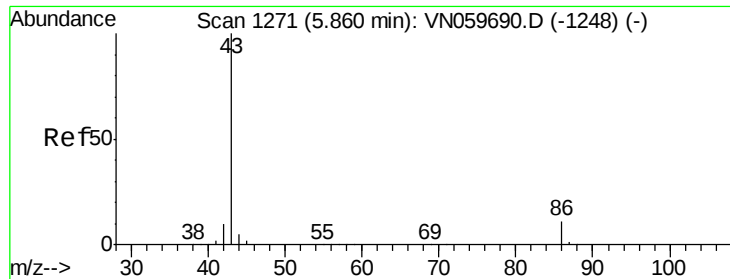


#22
Diisopropyl ether
Concen: 20.223 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.6	50.8	76.2
87	30.5	21.0	31.6
59	12.1	9.1	13.7

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





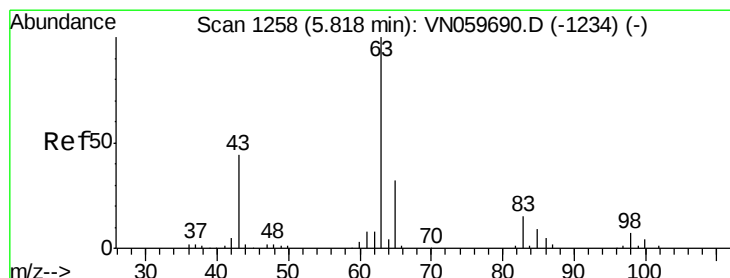
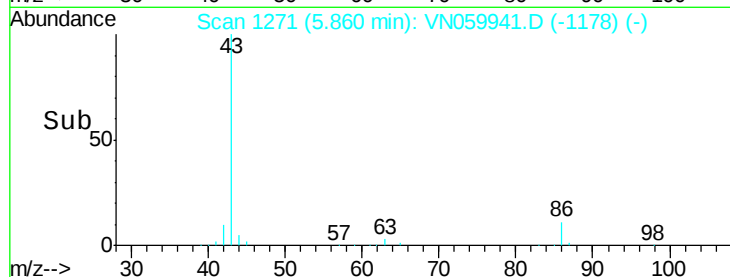
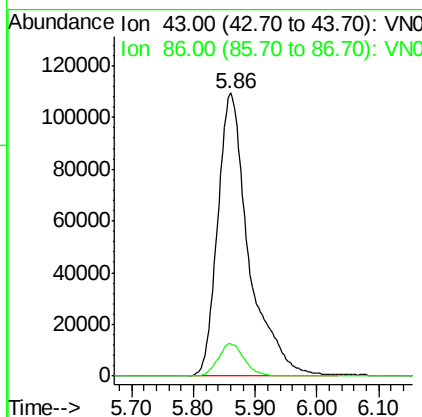
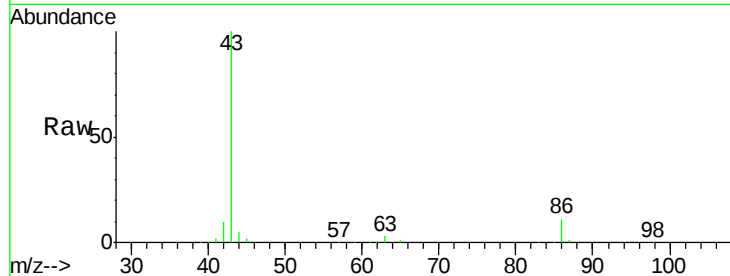
#23
 Vinyl Acetate
 Concen: 96.459 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tot Ion	43	Resp	383580
Ion Ratio	100	Lower	Upper
43	100		
86	11.3	7.6	11.4

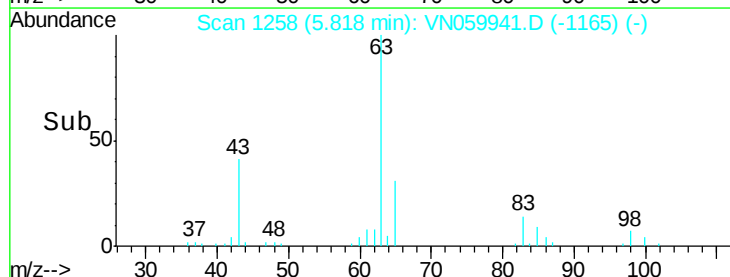
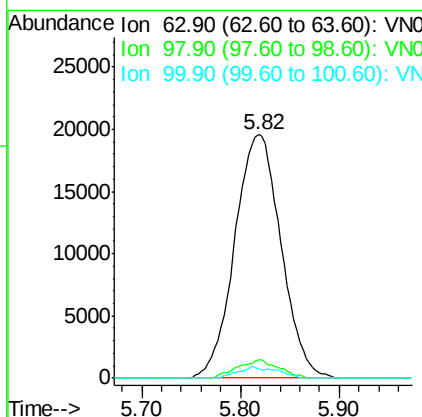
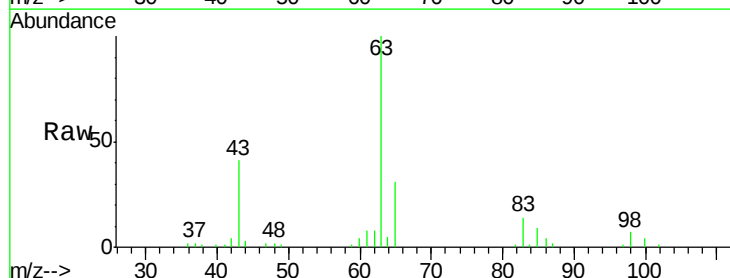
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#24
 1,1-Dichloroethane
 Concen: 20.261 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	63	Resp	63584
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	2.9	8.7
100	3.9	2.0	6.0





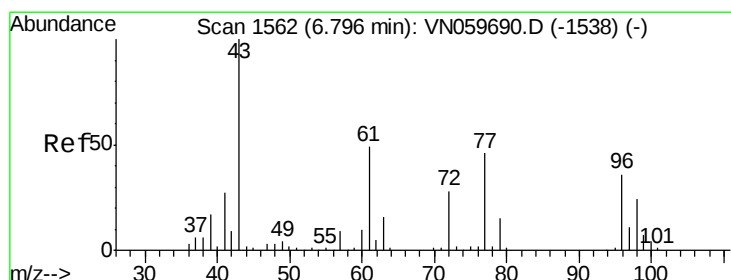
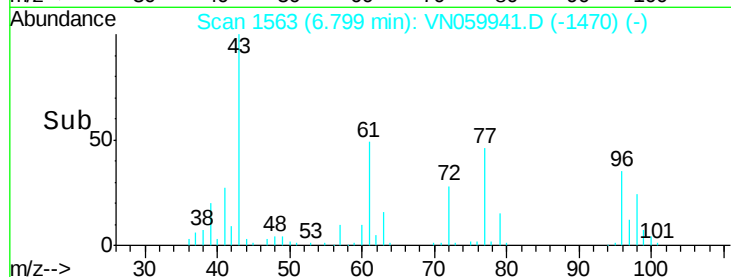
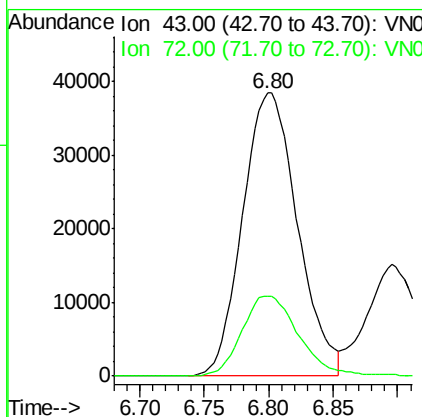
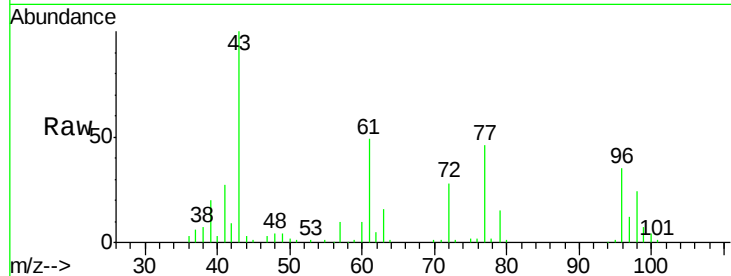
#25
2-Butanone
Concen: 98.690 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion: 43 Resp: 114067
Ion Ratio Lower Upper
43 100
72 28.3 19.9 29.9

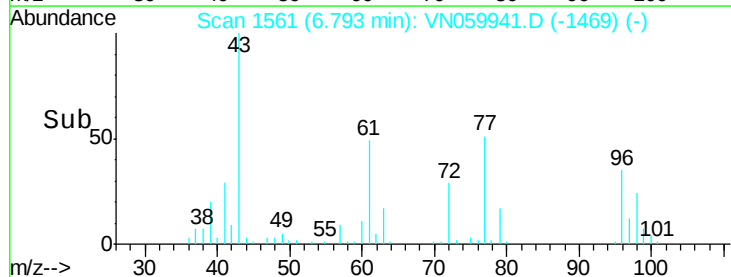
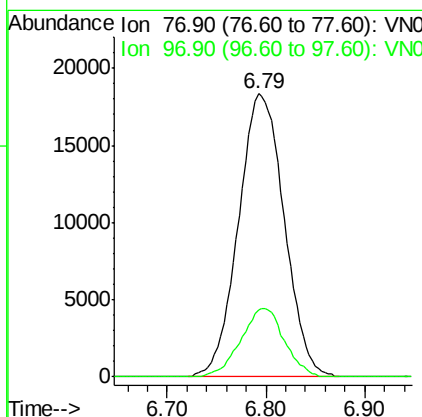
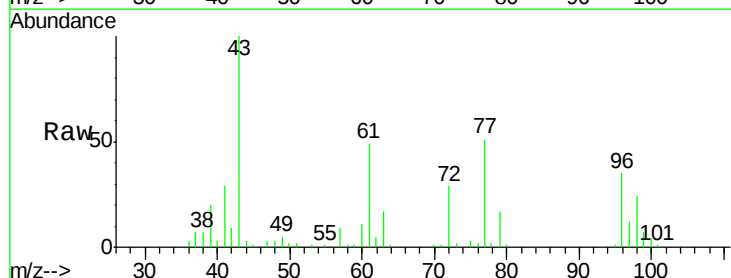
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 19.534 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 77 Resp: 58936
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.662 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

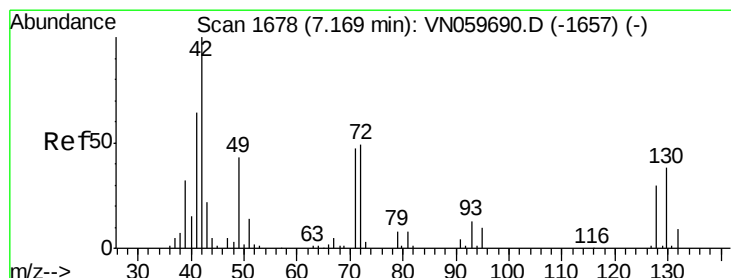
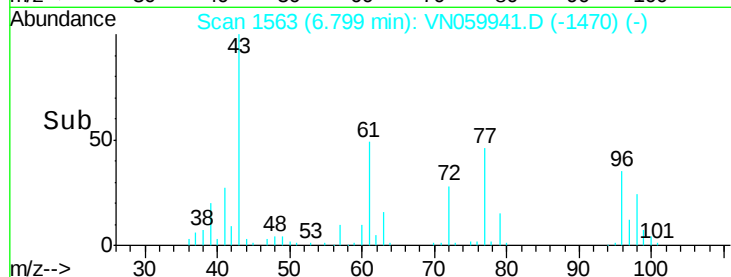
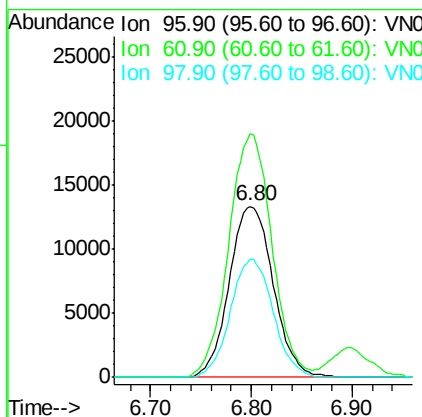
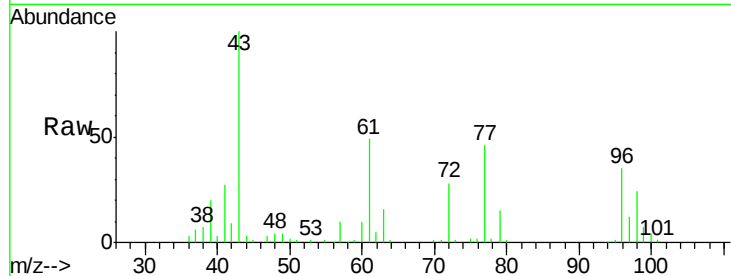
ClientSampleId :

VN0131WBS01

Tot Ion:	96	Resp:	40422
Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	317.6
98	67.0	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 18.946 ug/l

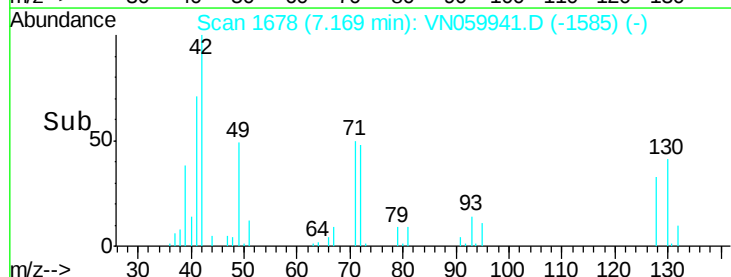
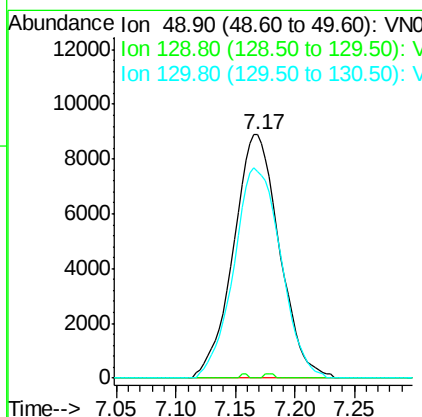
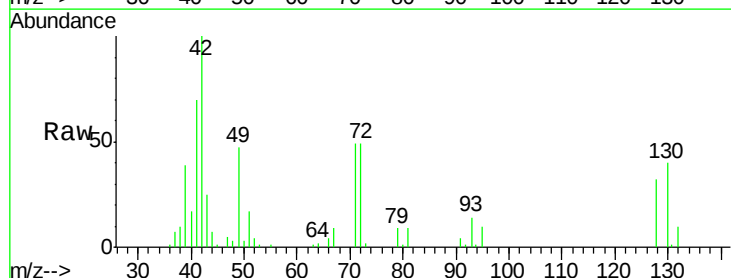
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	49	Resp:	23764
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.4
130	88.6	54.7	82.1#





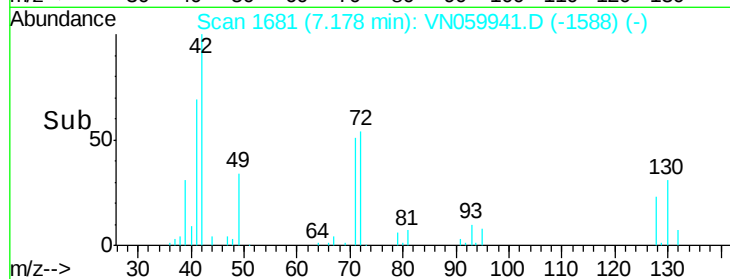
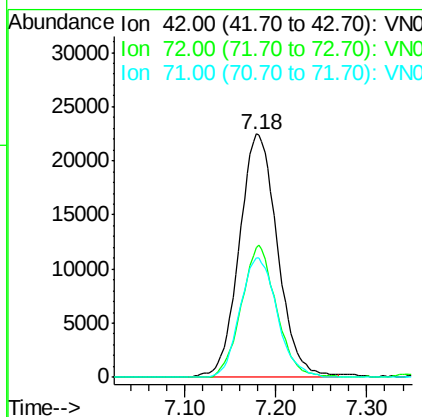
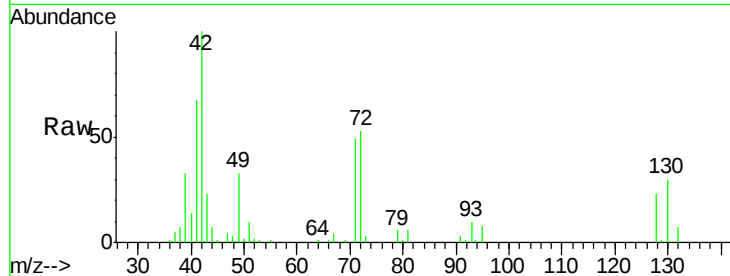
#29
Tetrahydrofuran
Concen: 91.914 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

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

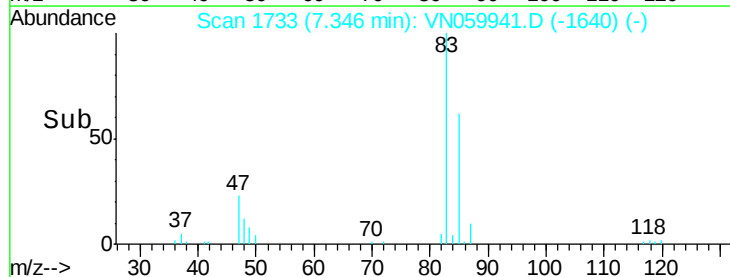
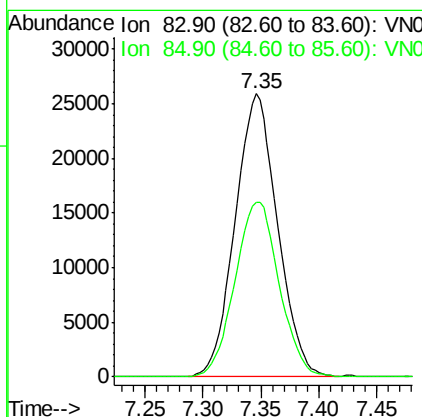
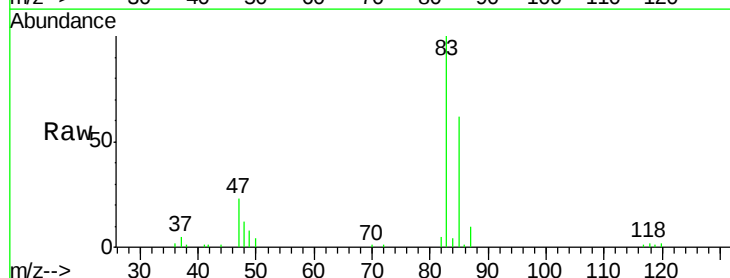
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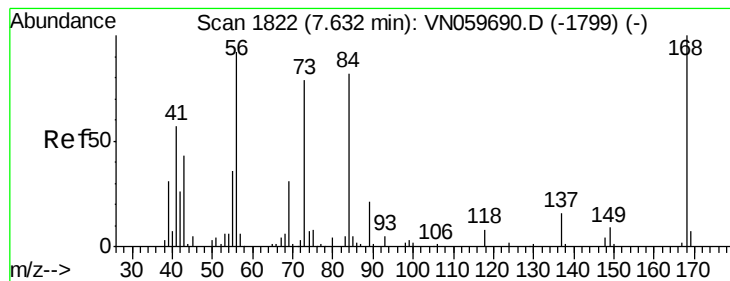
MMDadoda
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#30
Chloroform
Concen: 20.255 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.4	78.6





#31

Cyclohexane

Concen: 17.971 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 56 Resp: 54270

Ion Ratio Lower Upper

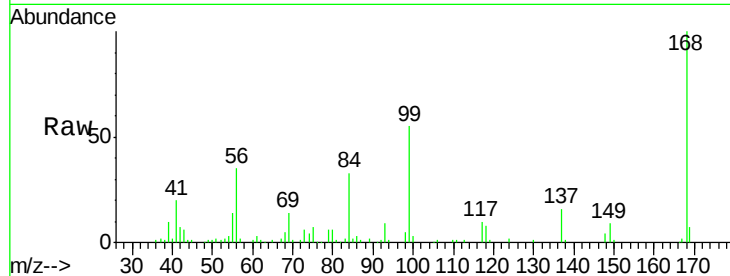
56 100

69 39.7 26.5 39.7#

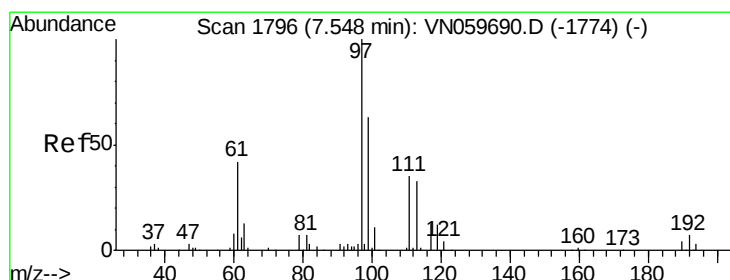
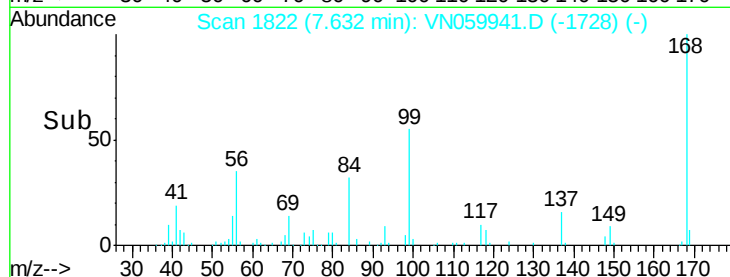
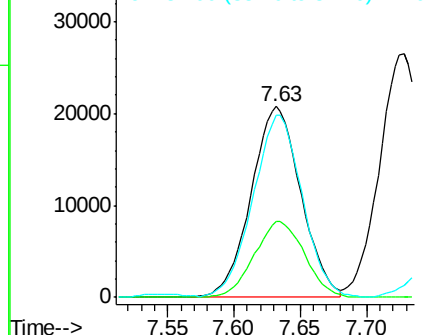
84 94.5 65.3 97.9

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Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 19.700 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

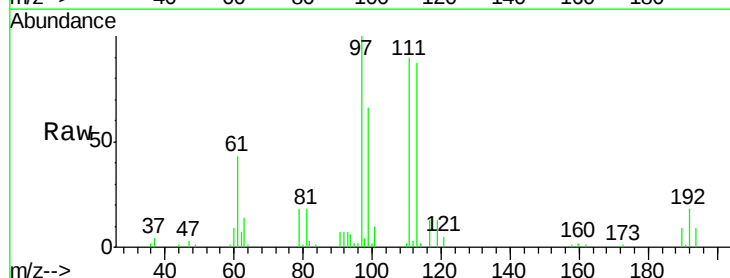
Tgt Ion: 97 Resp: 59227

Ion Ratio Lower Upper

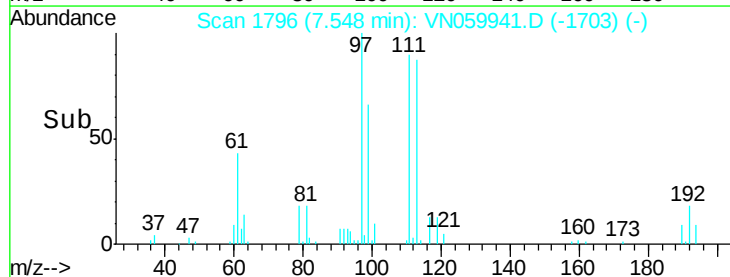
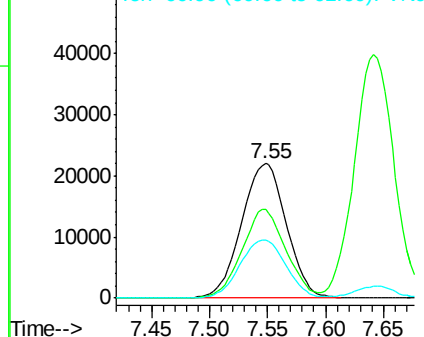
97 100

99 64.8 51.0 76.4

61 44.5 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





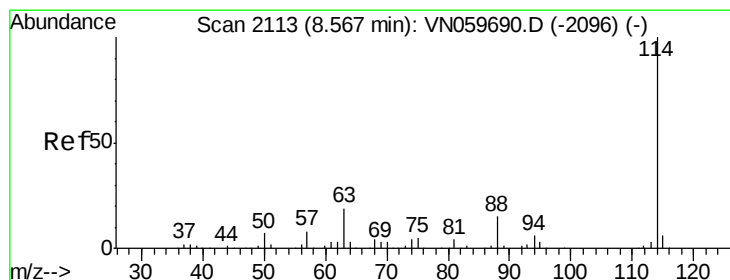
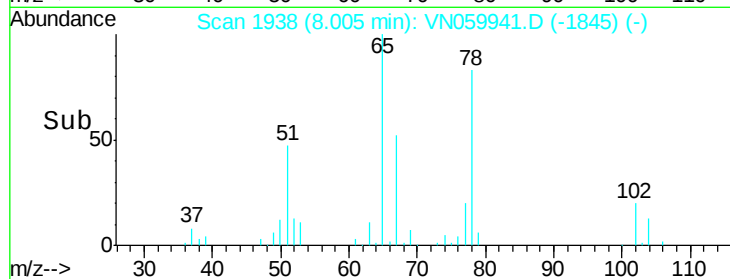
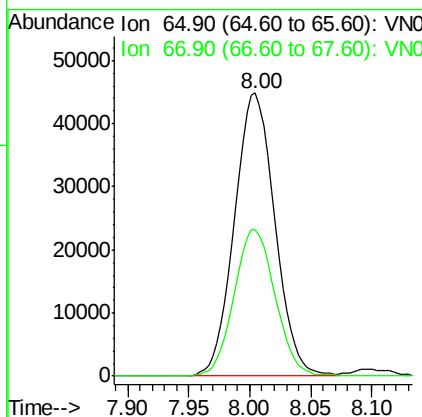
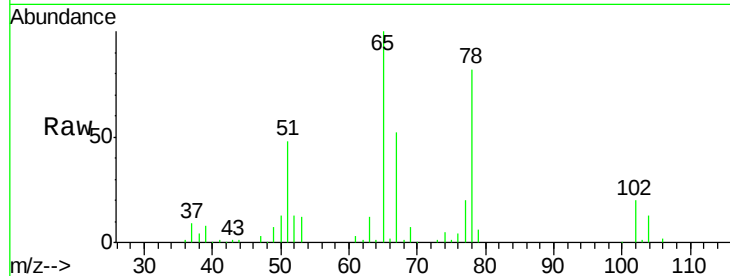
#33
 1,2-Dichloroethane-d4
 Concen: 50.523 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

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

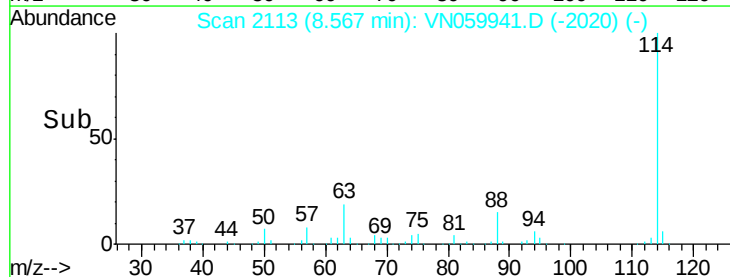
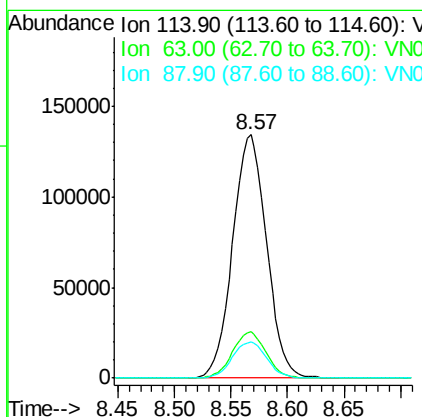
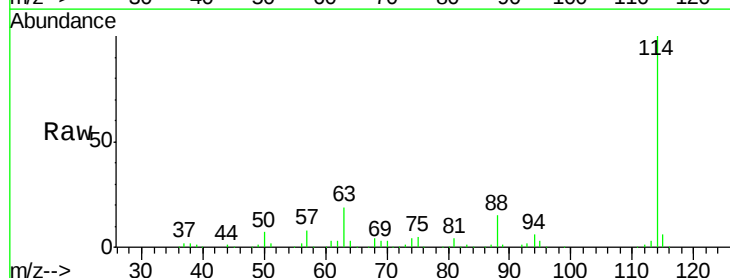
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.9	0.0	43.6	
88	14.8	0.0	31.4	





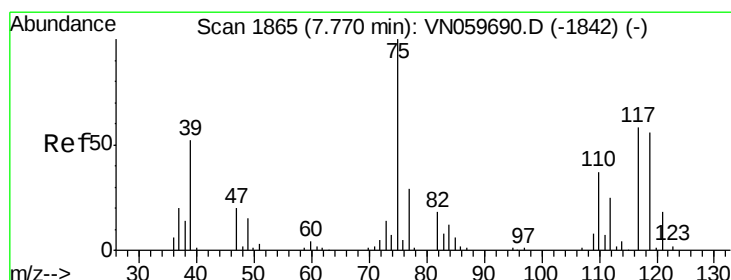
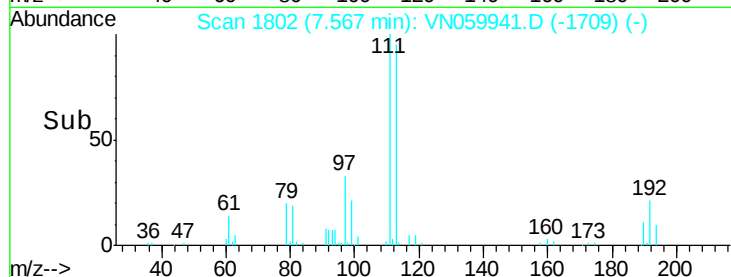
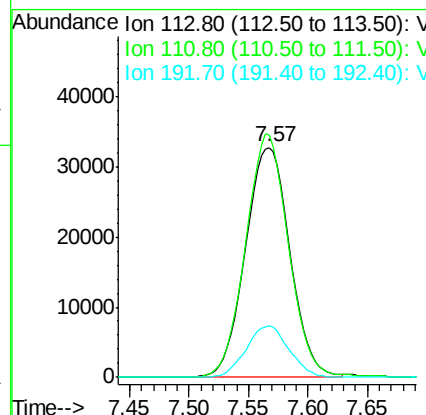
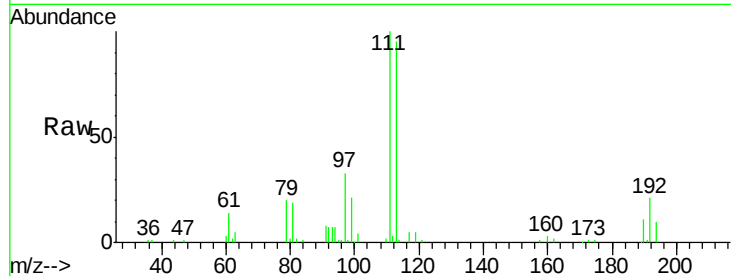
#35
 Dibromofluoromethane
 Concen: 50.795 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.5	125.3
192	21.5	15.4	23.2

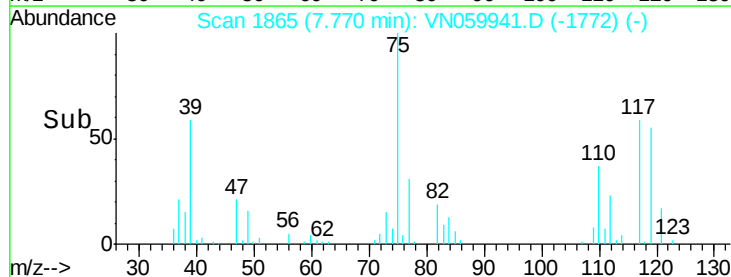
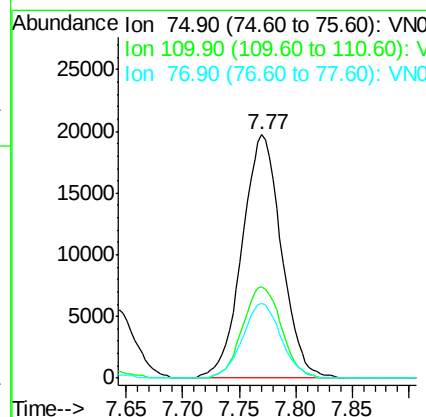
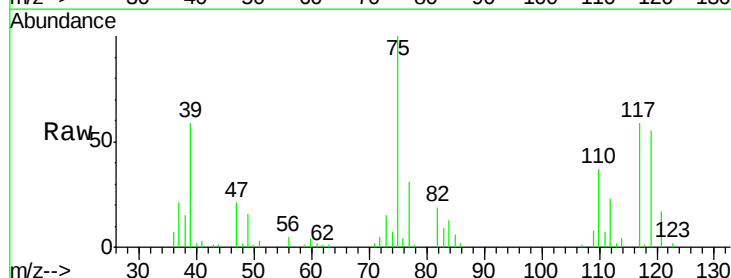
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#36
 1,1-Dichloropropene
 Concen: 19.595 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	16.6	49.7
77	30.0	25.1	37.7





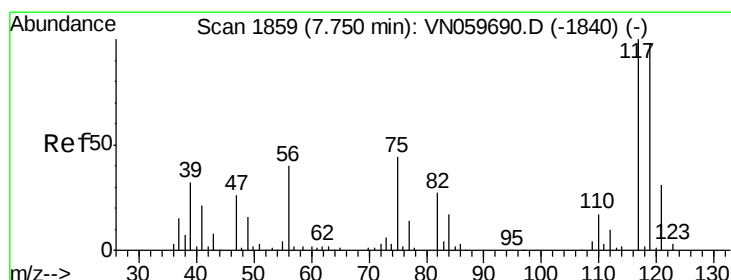
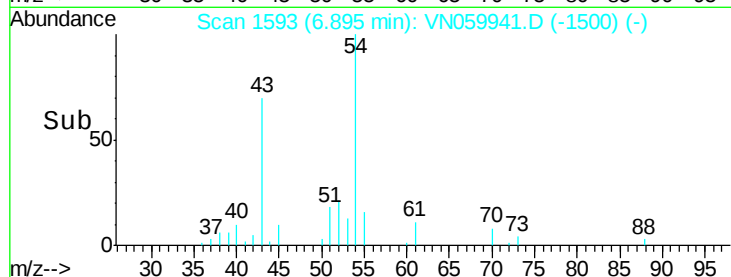
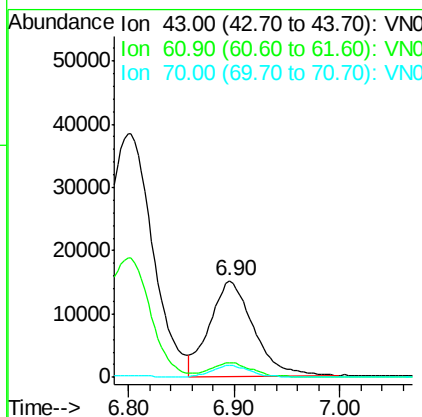
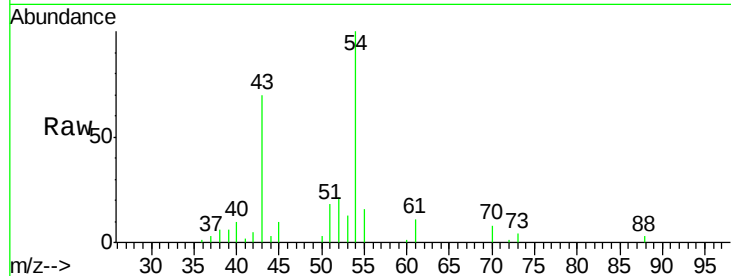
#37
Ethyl Acetate
Concen: 18.891 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.4	10.9	16.3	
70	11.1	7.7	11.5	

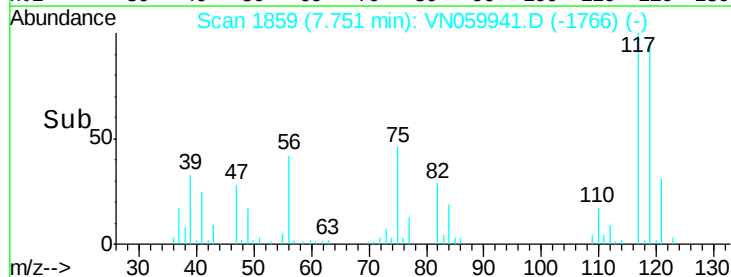
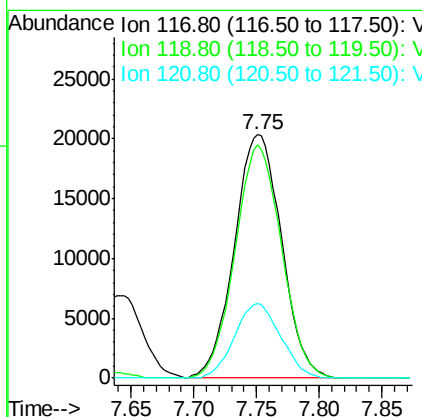
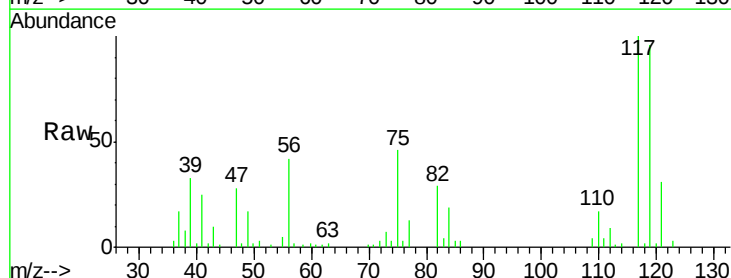
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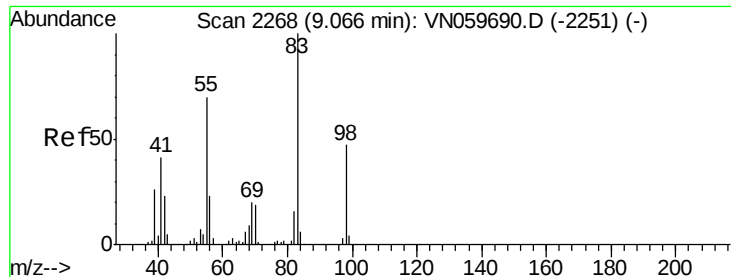
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#38
Carbon Tetrachloride
Concen: 20.025 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.6	76.5	114.7	
121	30.7	25.1	37.7	





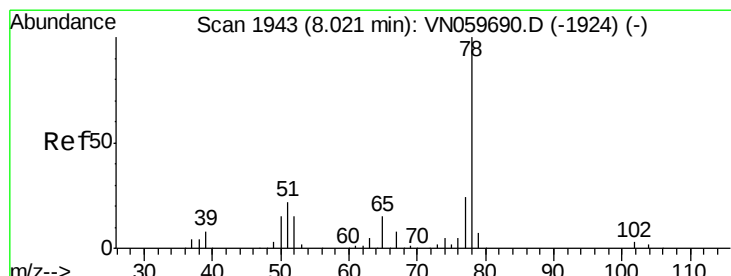
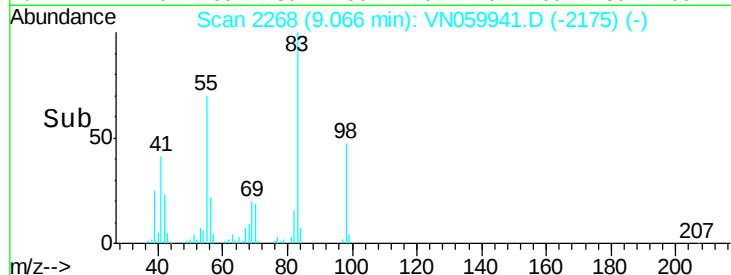
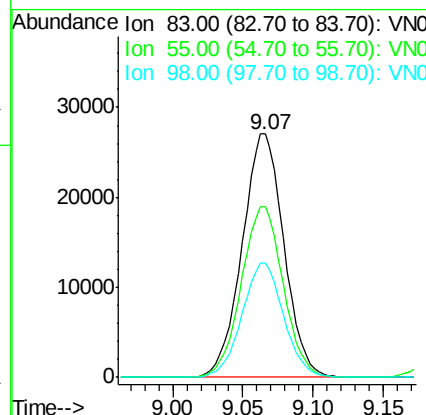
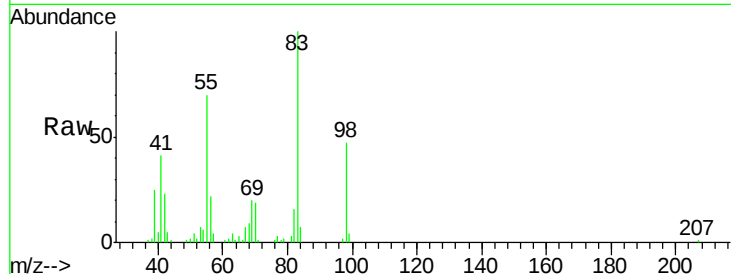
#39
Methvlcvclohexane
Concen: 18.644 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	64.2	96.2
98	47.1	35.9	53.9

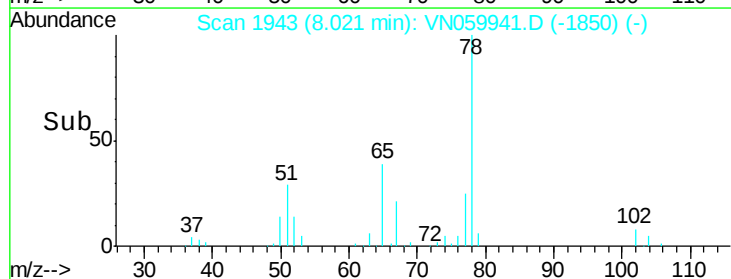
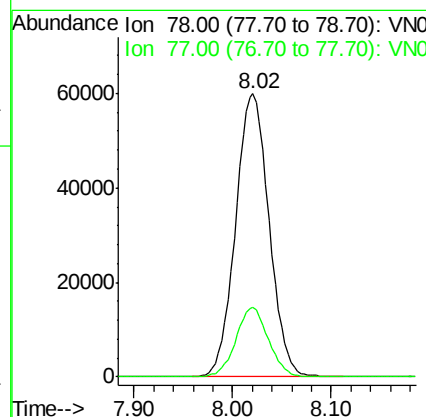
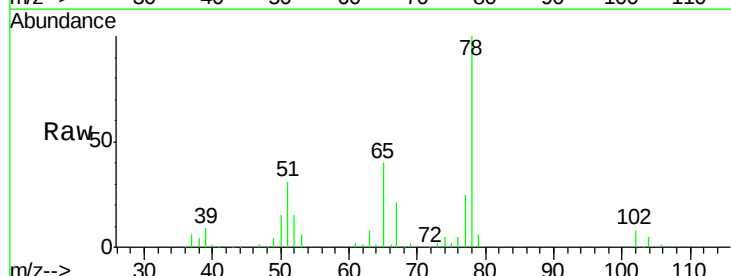
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#40
Benzene
Concen: 19.428 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3





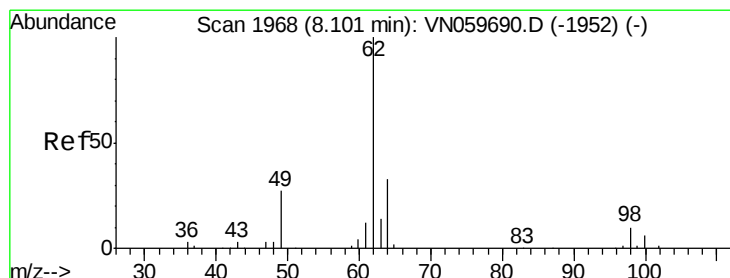
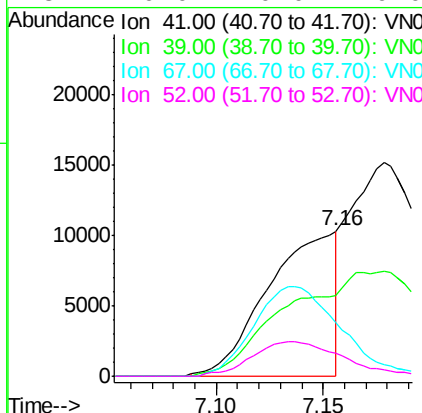
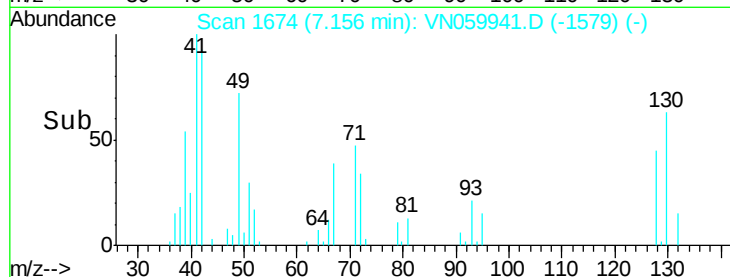
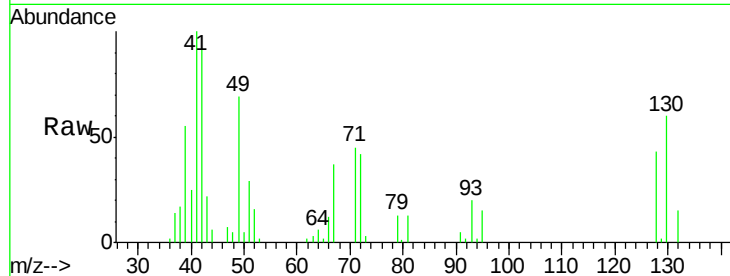
#41
Methacrylonitrile
Concen: 20.198 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. 0.01 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	89.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

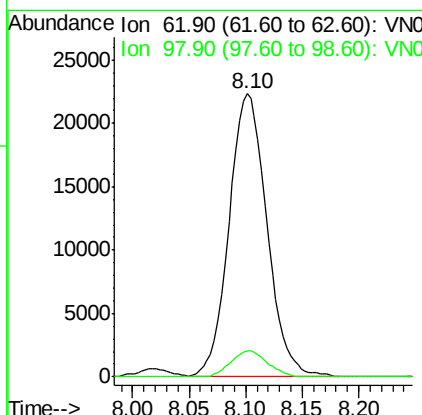
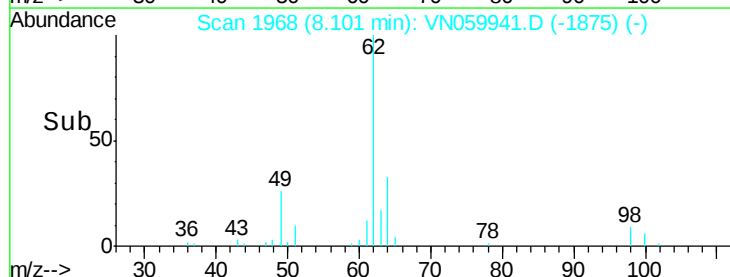
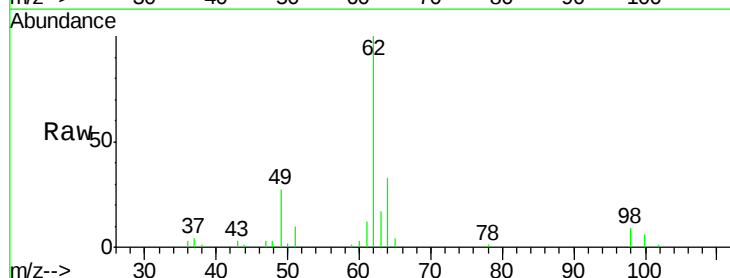
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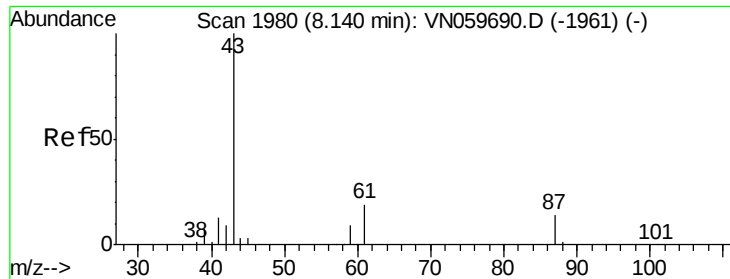
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#42
1,2-Dichloroethane
Concen: 21.108 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





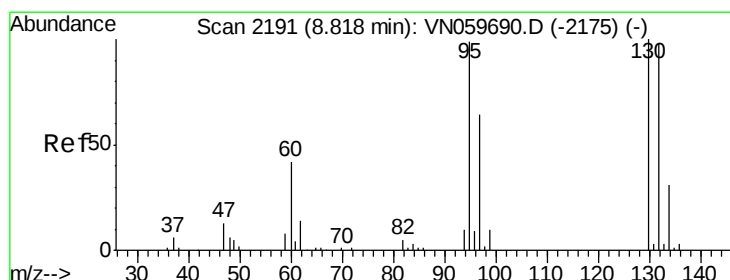
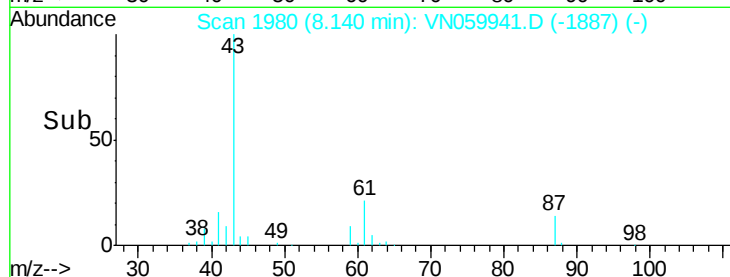
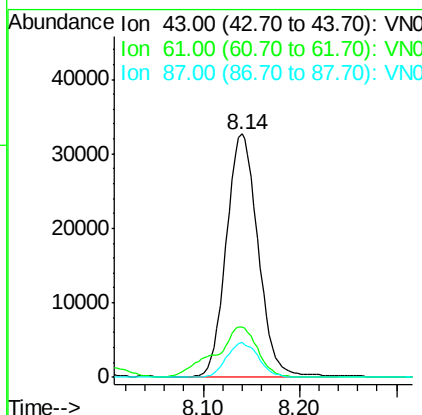
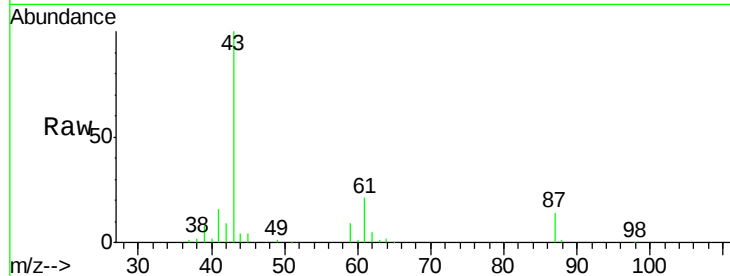
#43
Isopropyl Acetate
Concen: 18.992 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.4	20.2	30.2
87	14.1	9.5	14.3

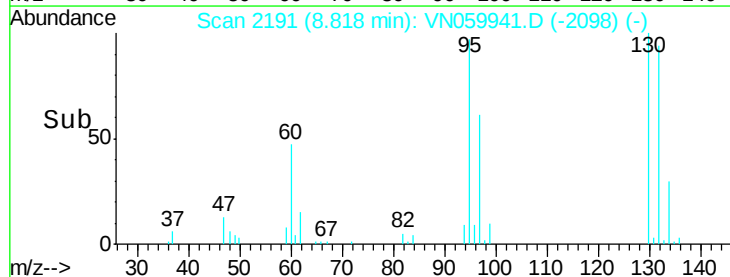
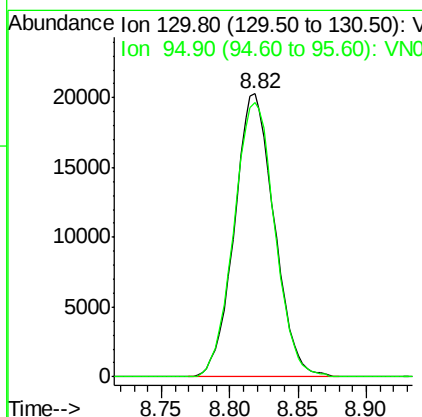
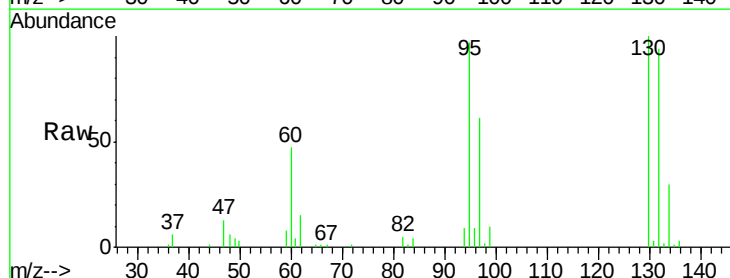
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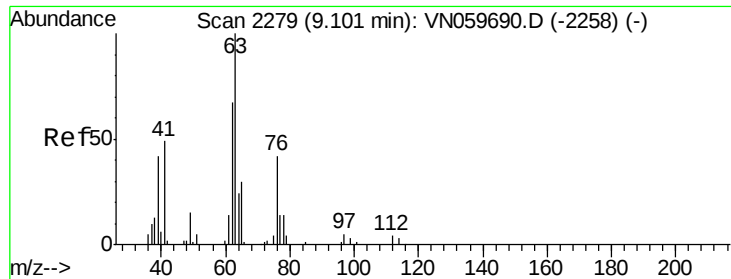
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#44
Trichloroethene
Concen: 20.673 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 20.546 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

Tot Ion: 63 Resp: 37004

Ion Ratio Lower Upper

63 100

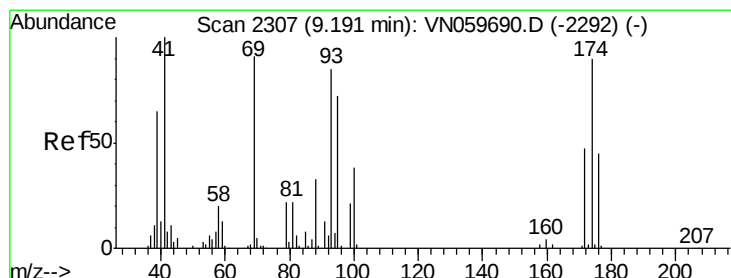
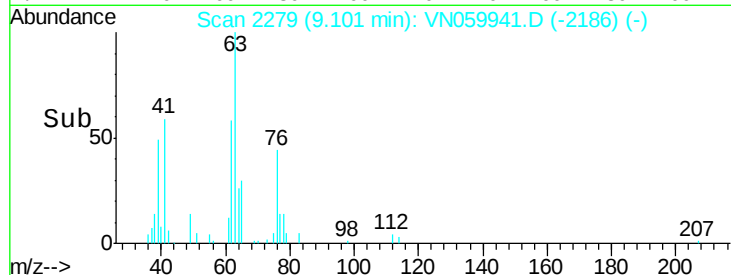
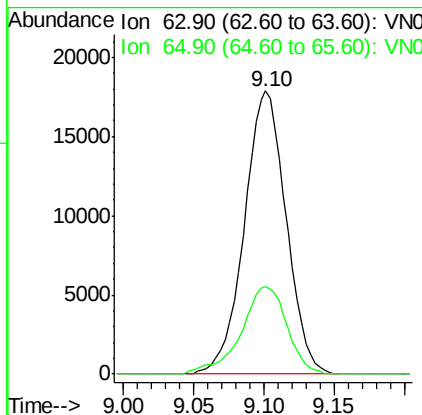
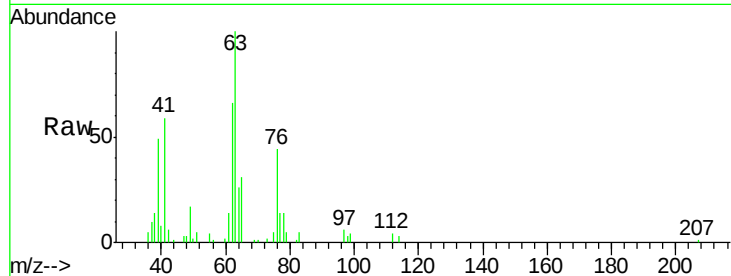
65 30.8 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 20.400 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

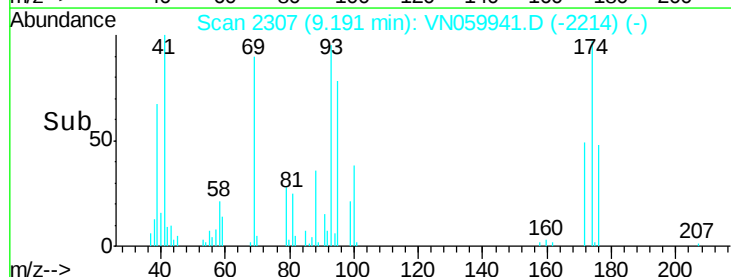
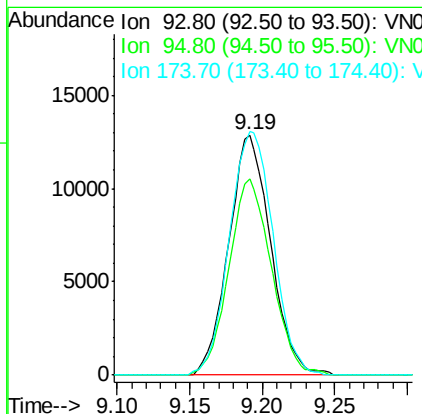
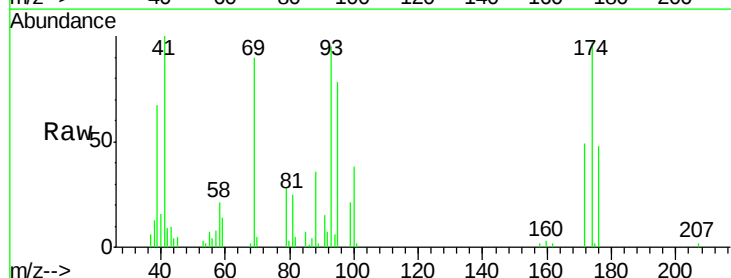
Tgt Ion: 93 Resp: 25918

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.6

174 105.7 73.4 110.2





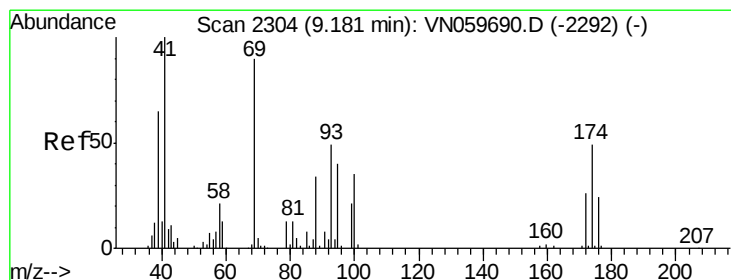
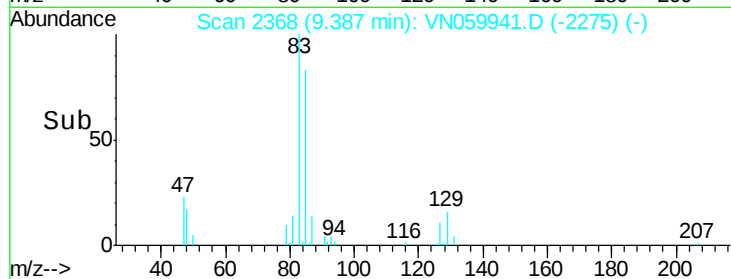
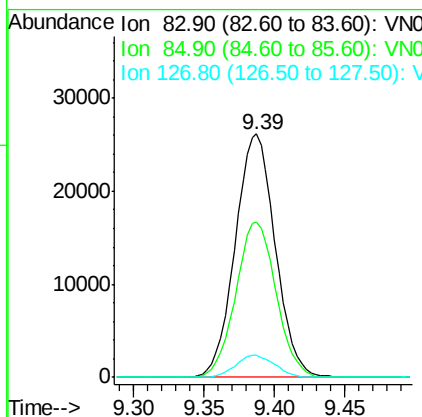
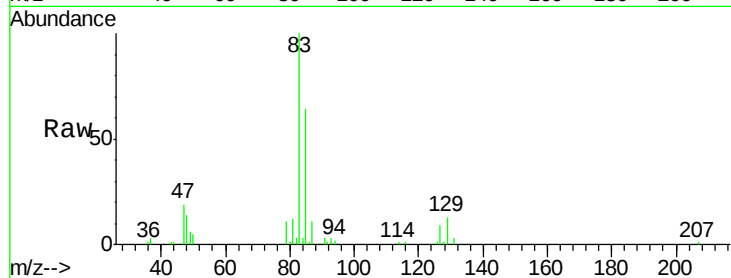
#47
Bromodichloromethane
Concen: 20.276 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	8.9	6.6	9.8

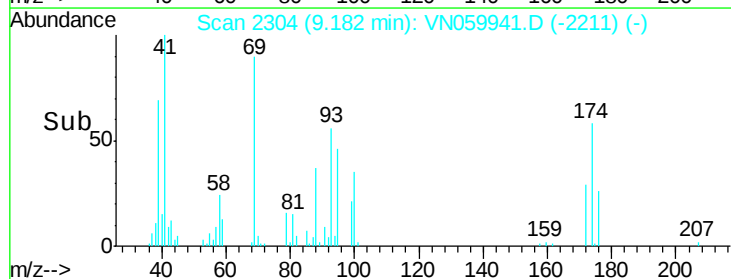
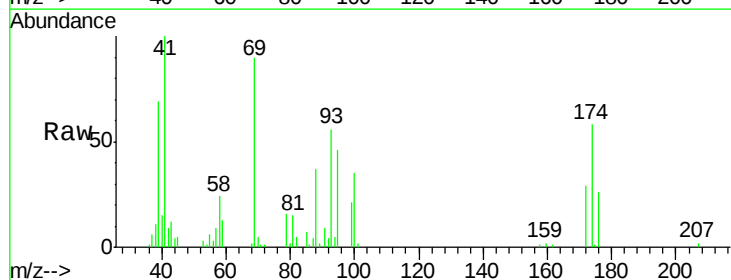
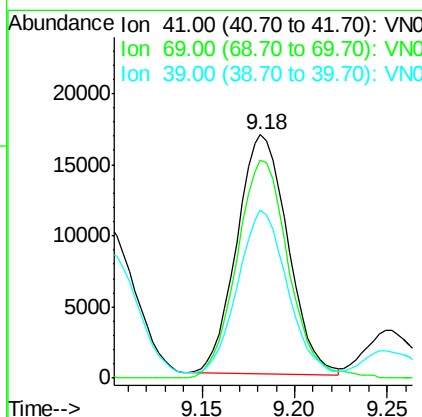
Manual Integrations
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#48
Methyl methacrylate
Concen: 18.349 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.2	64.4	96.6
39	70.1	51.3	76.9





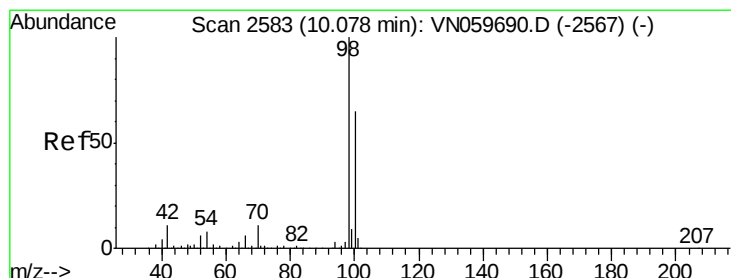
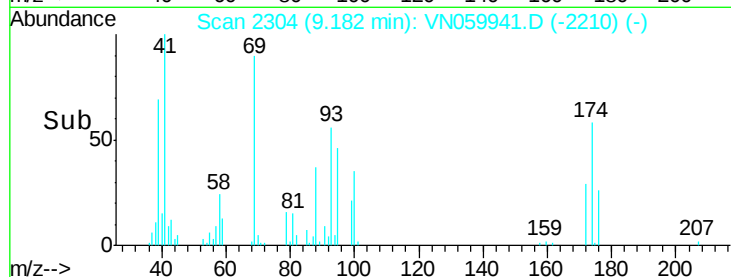
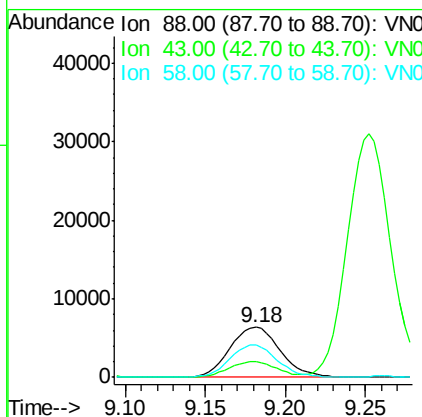
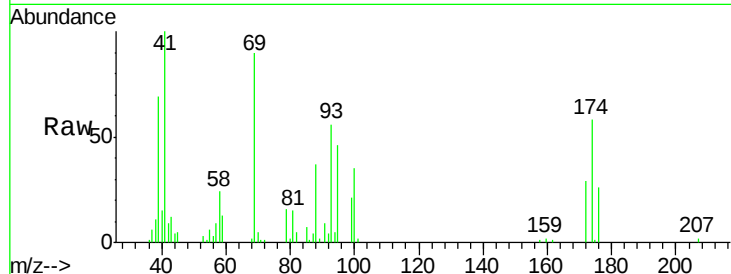
#49
1,4-Dioxane
Concen: 422.780 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	29.7	44.5
58	60.8	56.6	85.0

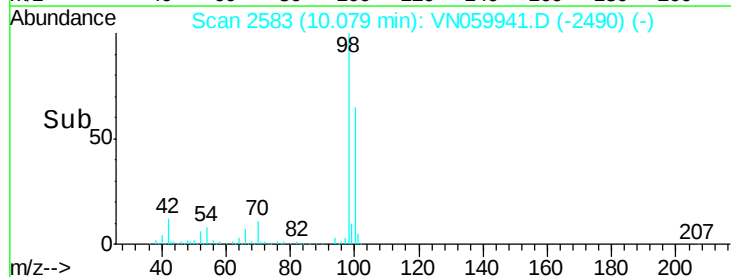
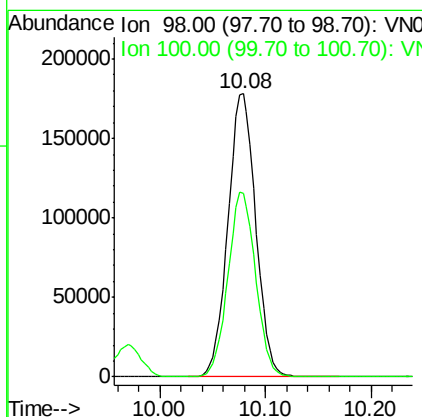
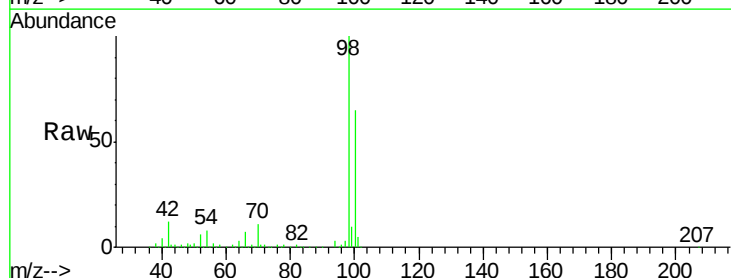
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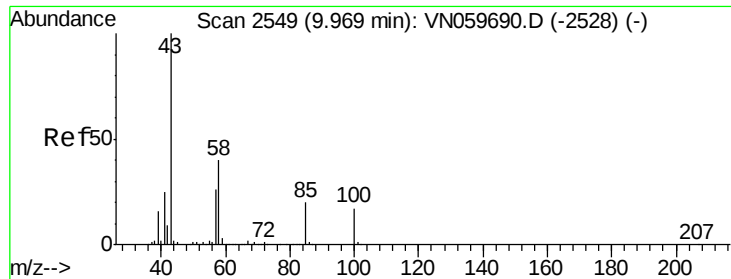
MMDadoda
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#50
Toluene-d8
Concen: 50.111 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 95.979 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 43 Resp: 218443

Ion Ratio Lower Upper

43 100

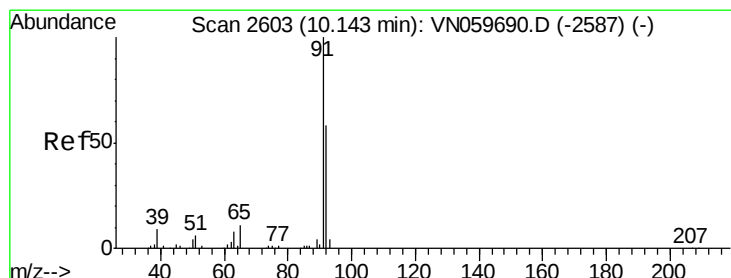
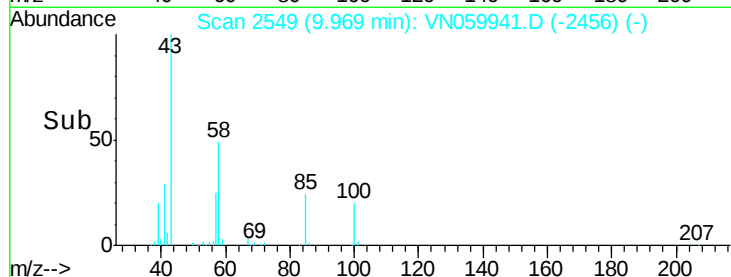
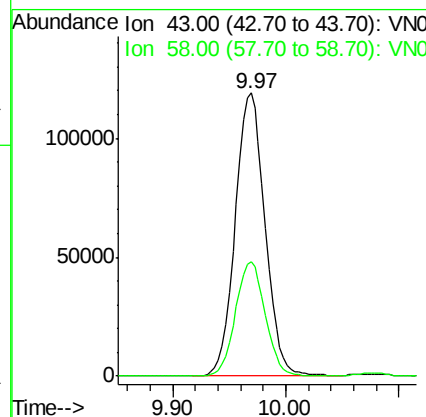
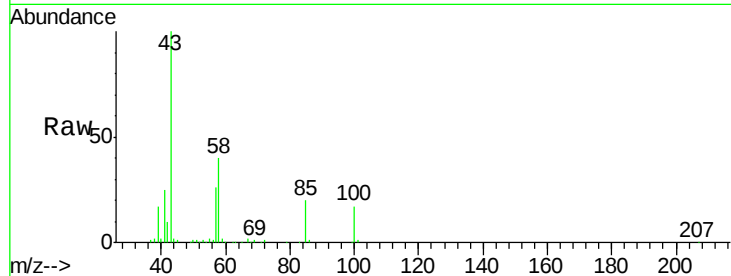
58 40.2 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 20.001 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059941.D

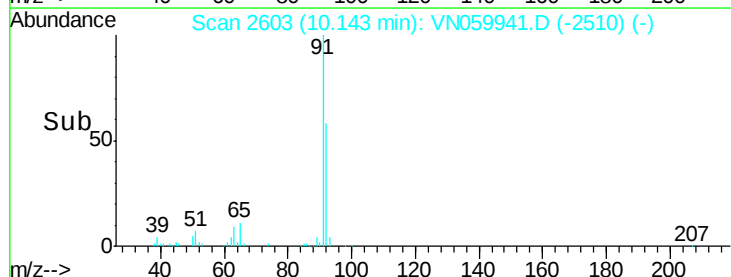
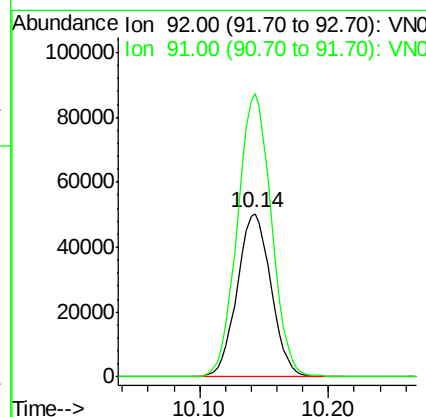
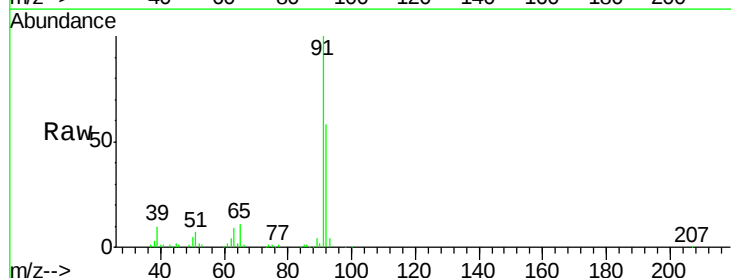
Acq: 31 Jan 2020 12:29

Tgt Ion: 92 Resp: 91955

Ion Ratio Lower Upper

92 100

91 173.7 140.4 210.6





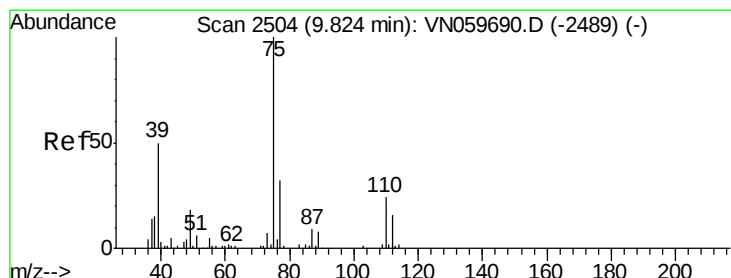
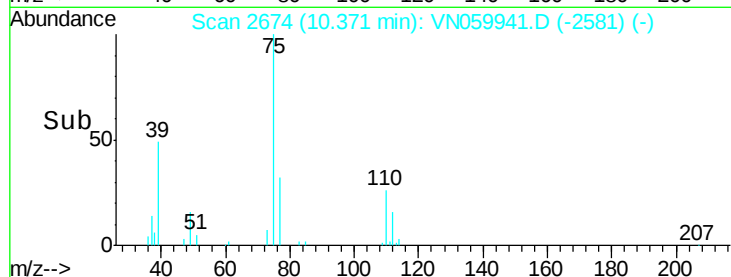
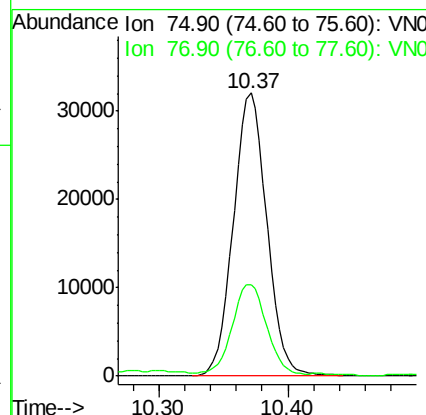
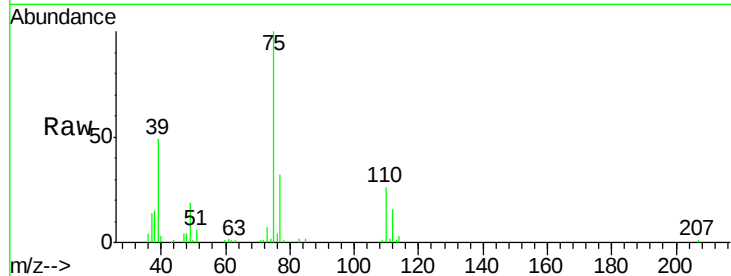
#53
t-1,3-Dichloropropene
Concen: 20.217 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion: 75 Resp: 57796
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

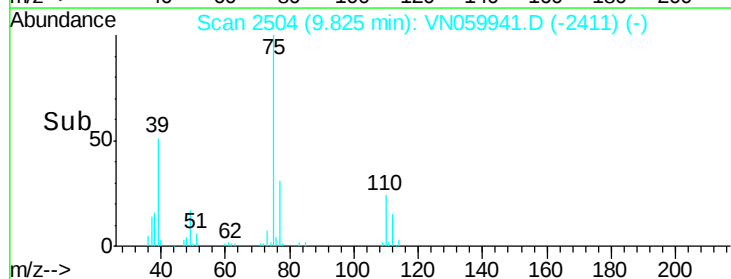
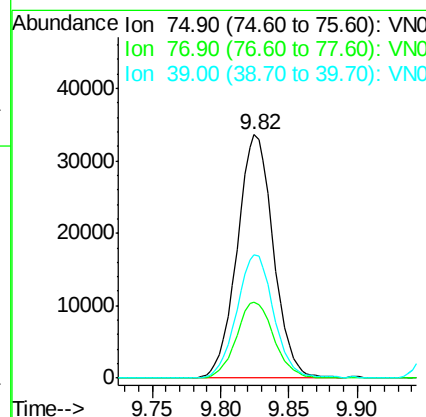
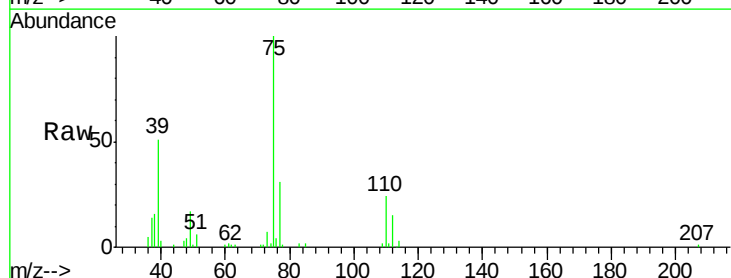
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 20.561 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 75 Resp: 61844
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7
39 50.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.685 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

Tot Ion: 97 Resp: 37665

Ion Ratio Lower Upper

97 100

83 83.4 71.3 106.9

85 56.2 45.8 68.8

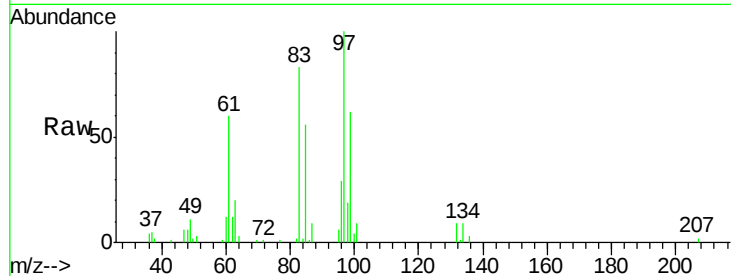
99 62.0 50.0 75.0

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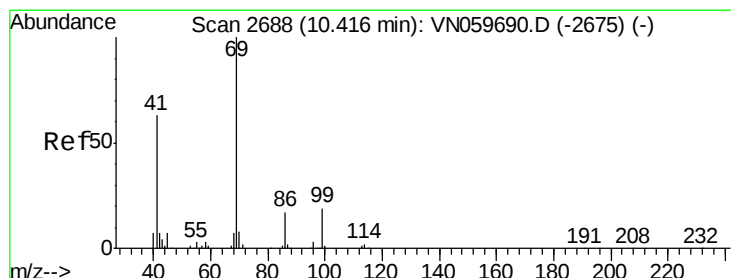
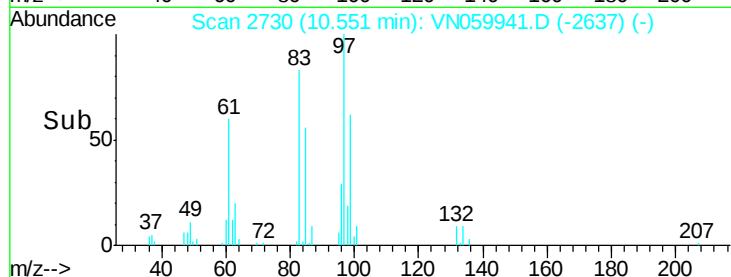
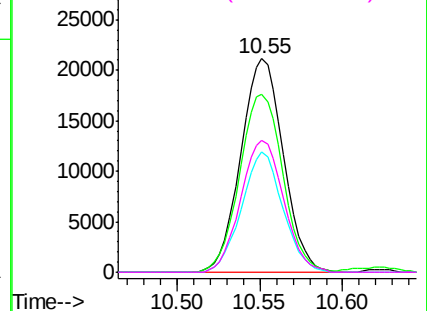


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.775 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

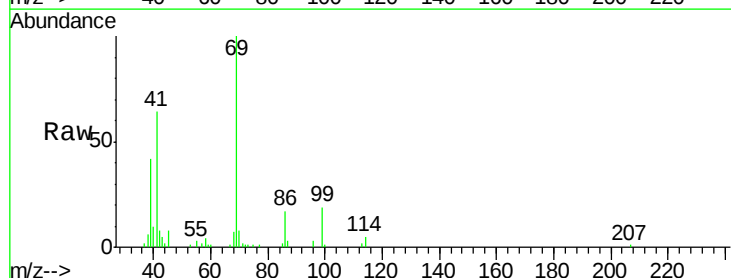
Tgt Ion: 69 Resp: 52236

Ion Ratio Lower Upper

69 100

41 63.0 57.1 85.7

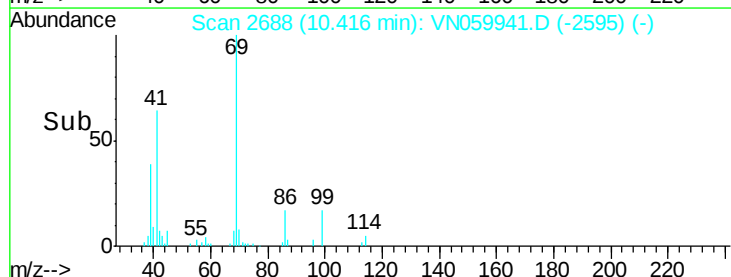
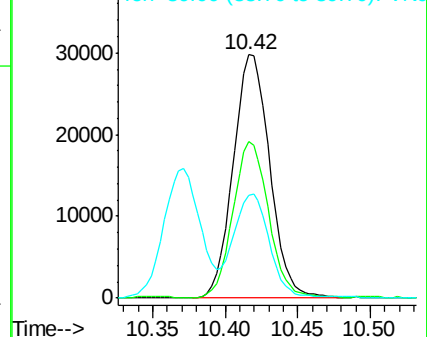
39 43.3 34.7 52.1



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.802 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 76 Resp: 60134

Ion Ratio Lower Upper

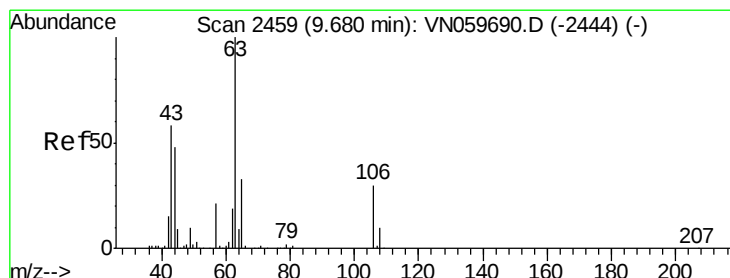
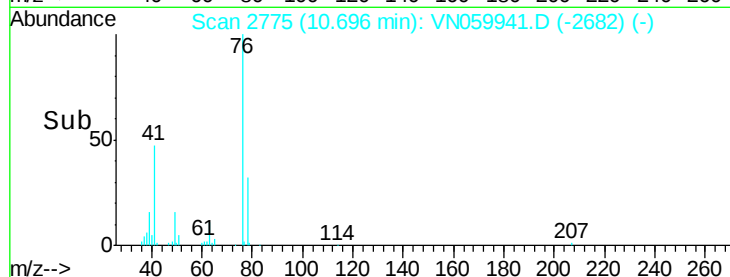
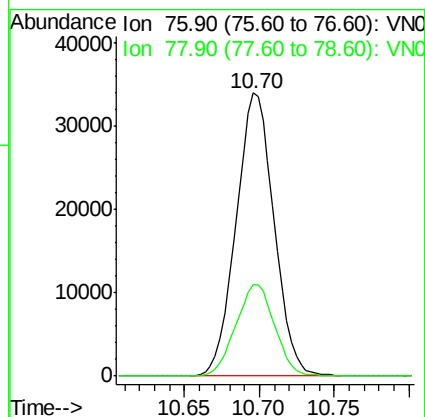
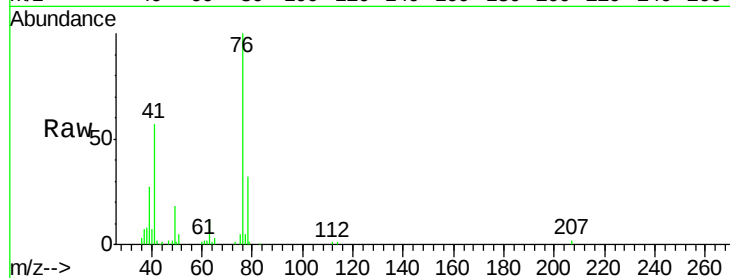
76 100

78 33.1 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 101.483 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059941.D

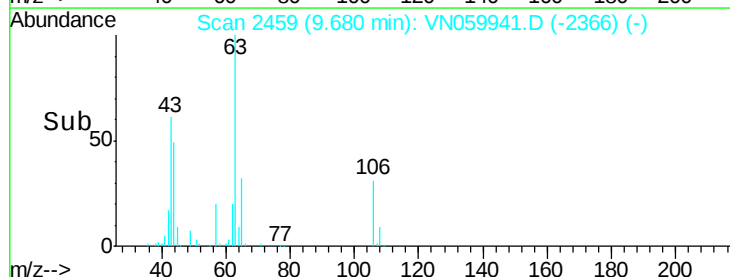
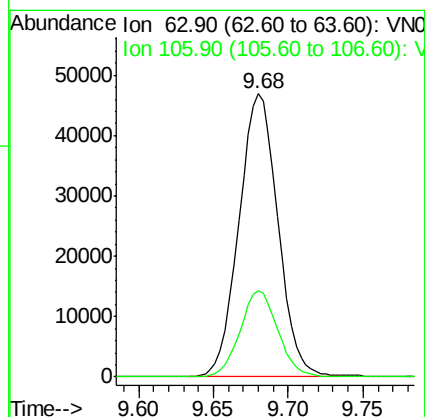
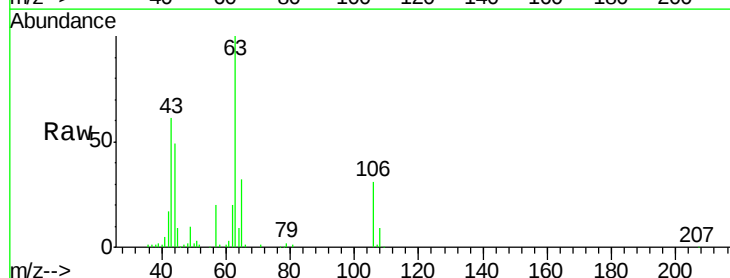
Acq: 31 Jan 2020 12:29

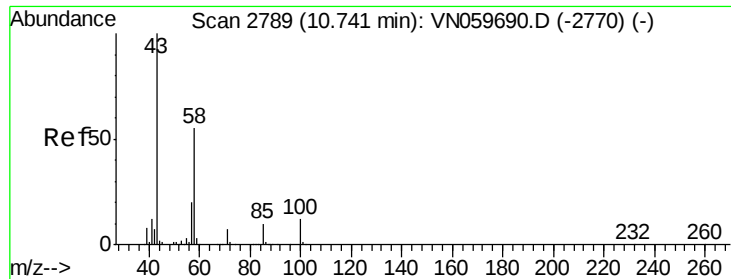
Tgt Ion: 63 Resp: 85045

Ion Ratio Lower Upper

63 100

106 29.5 20.2 30.2





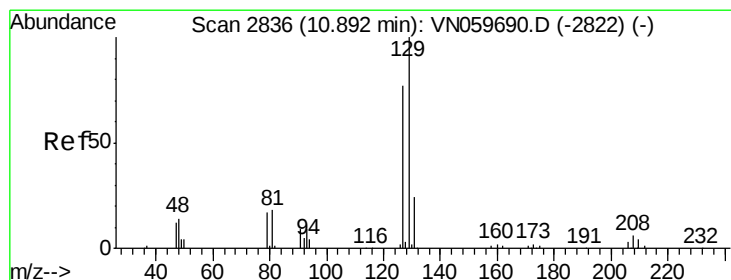
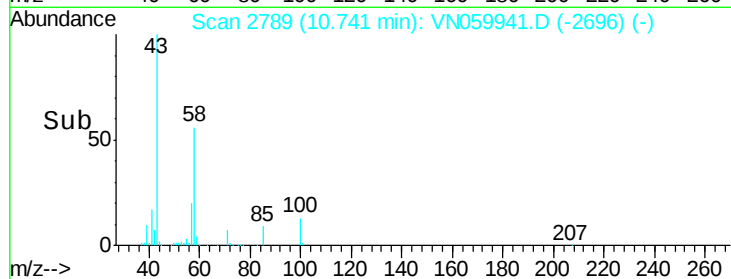
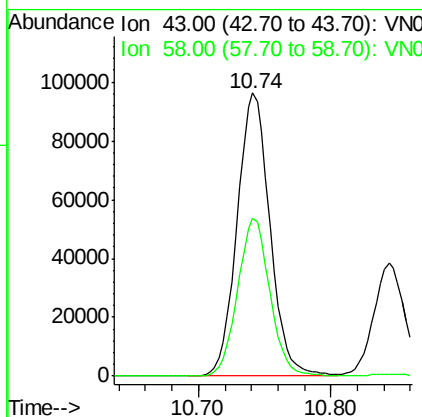
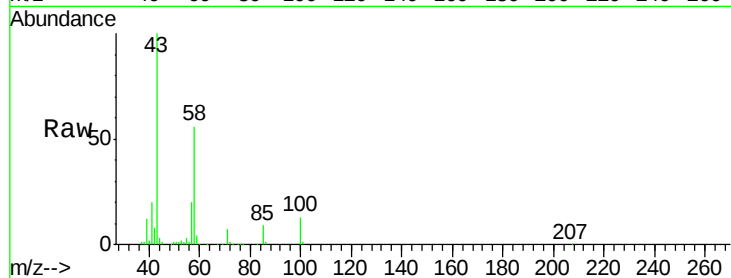
#59
2-Hexanone
Concen: 98.115 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0131WBS01

Tot Ion: 43 Resp: 164509
Ion Ratio Lower Upper
43 100
58 55.1 25.8 77.3

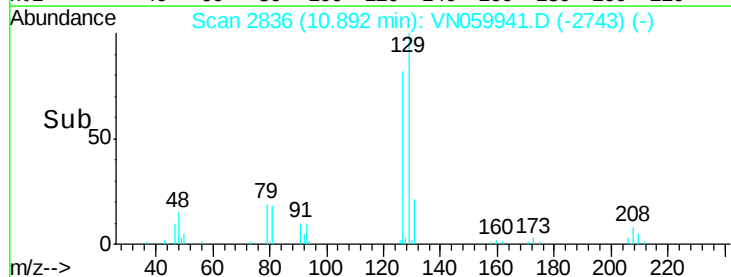
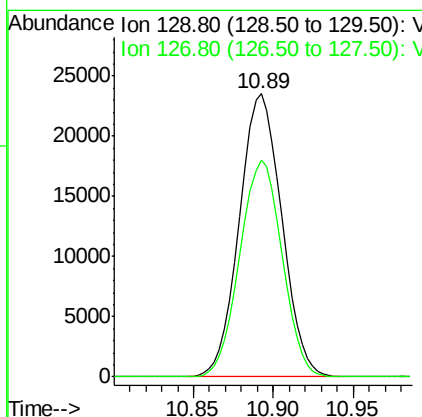
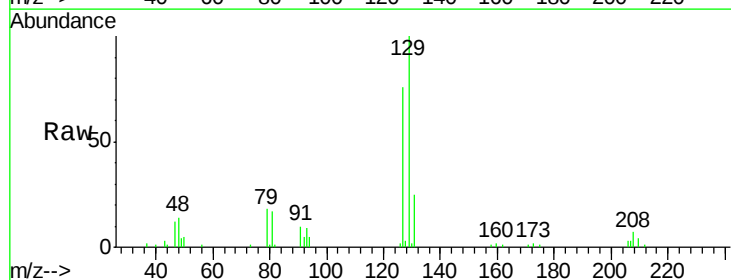
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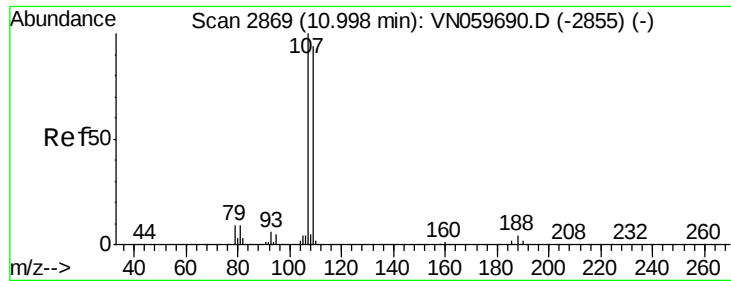
MMDadoda
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#60
Dibromochloromethane
Concen: 20.557 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 129 Resp: 42625
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





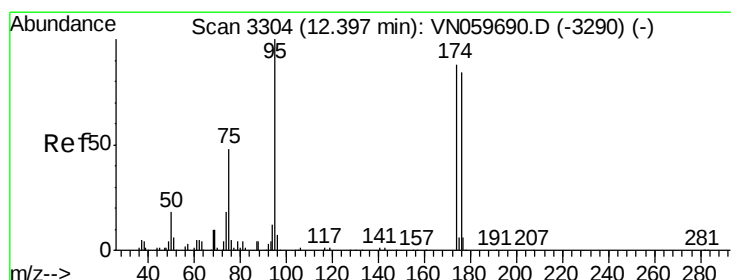
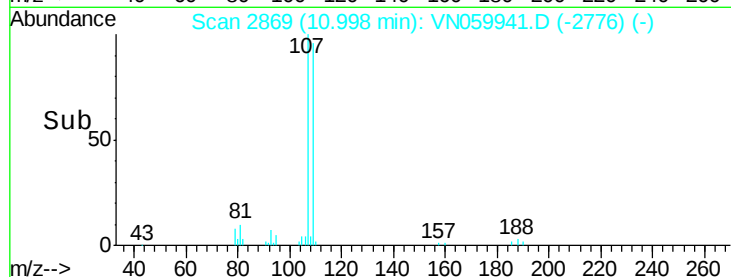
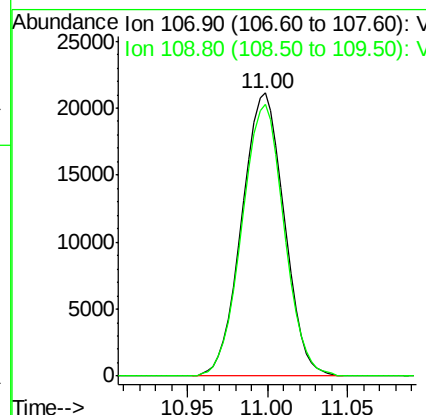
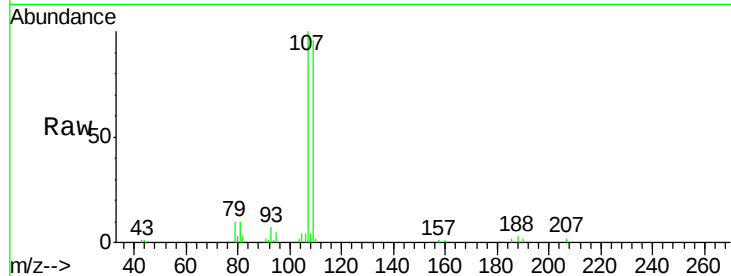
#61
 1,2-Dibromoethane
 Concen: 19.996 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	76.6	115.0

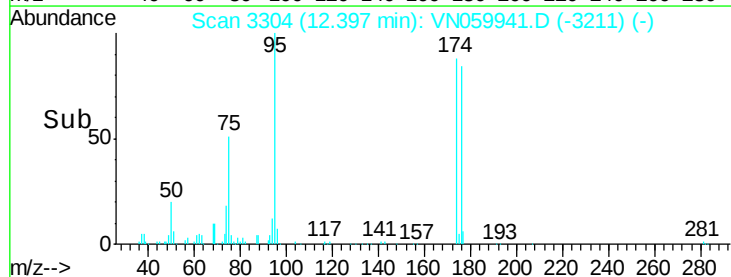
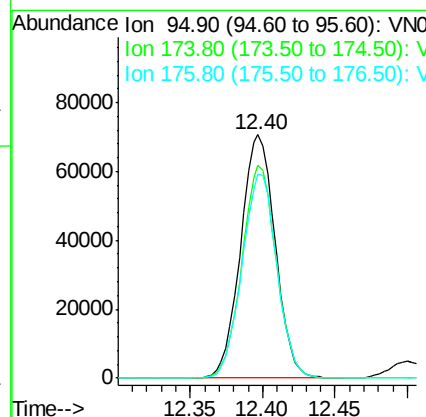
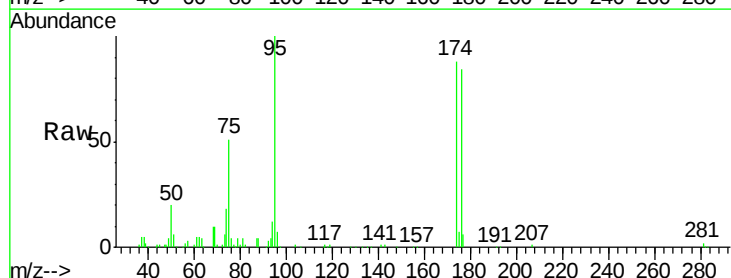
Manual Integrations
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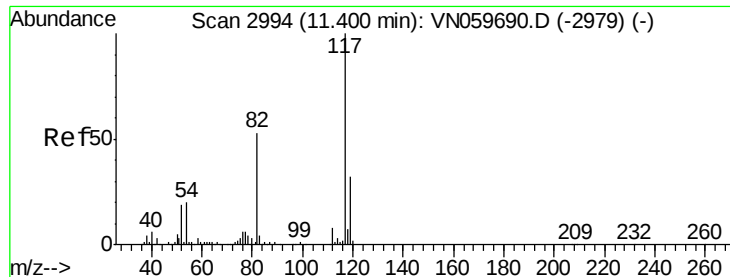
MMDadoda
 2/4/2020 12:50:41 PM



#62
 4-Bromofluorobenzene
 Concen: 50.140 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	151.4
176	84.7	0.0	146.0





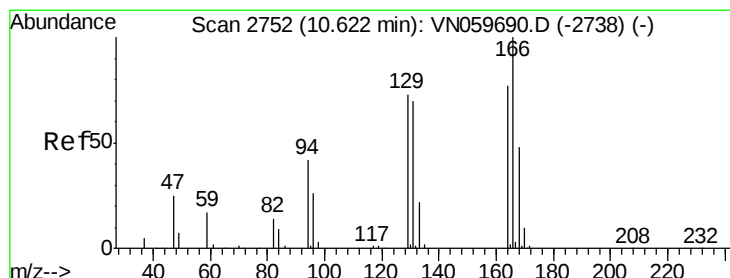
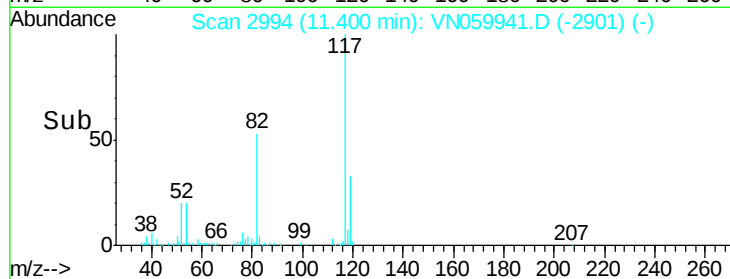
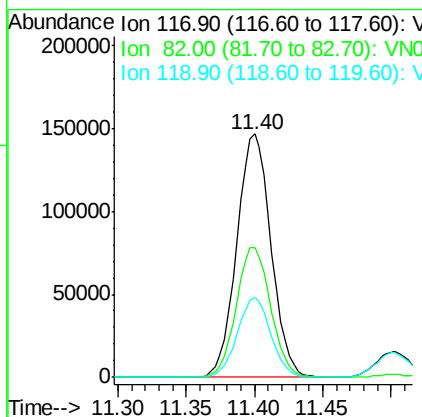
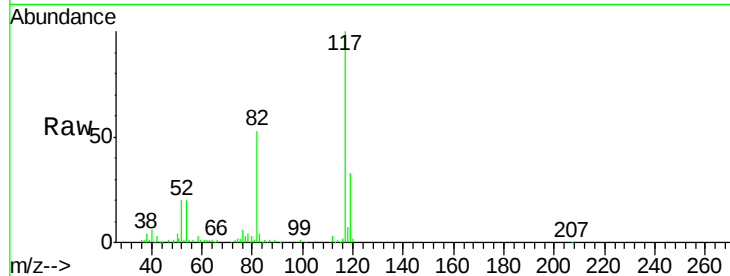
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.9	68.9
119	32.7	25.5	38.3

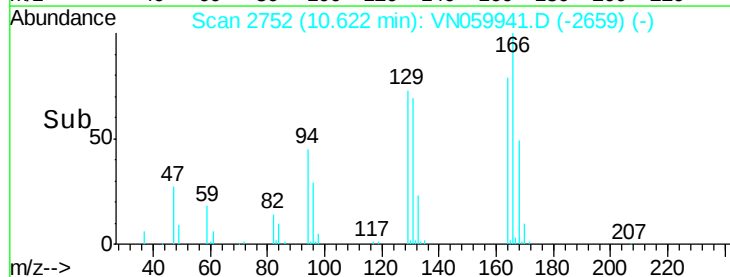
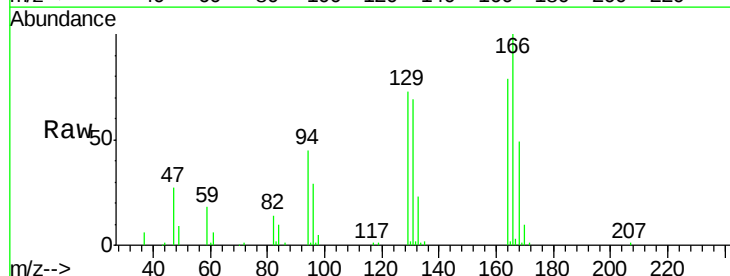
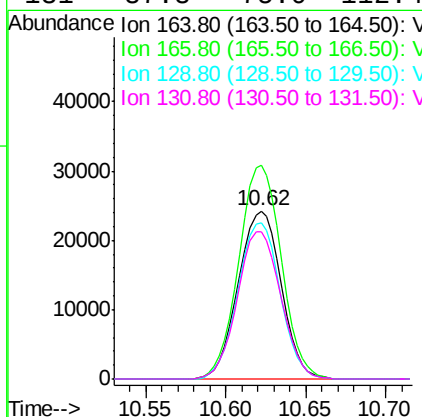
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 21.345 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.4	152.0
129	93.0	80.2	120.4
131	87.8	75.0	112.4





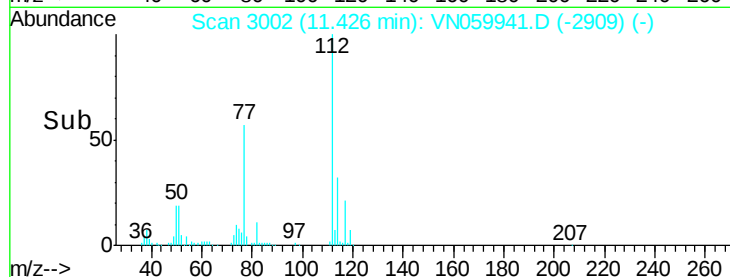
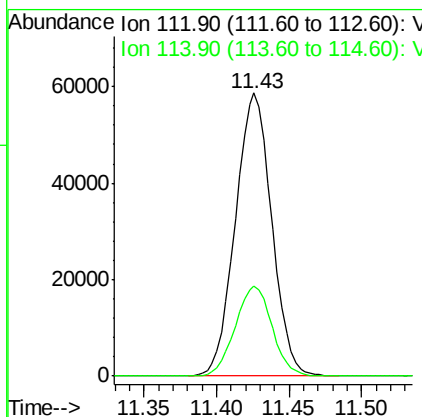
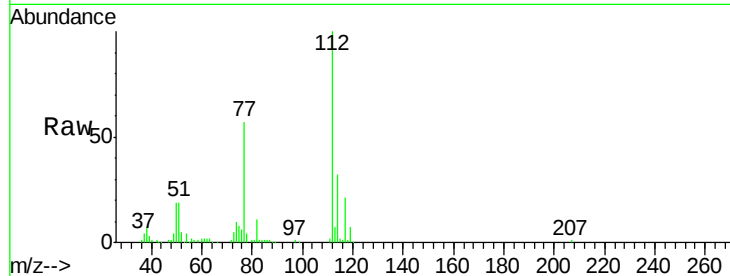
#65
Chlorobenzene
Concen: 20.334 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

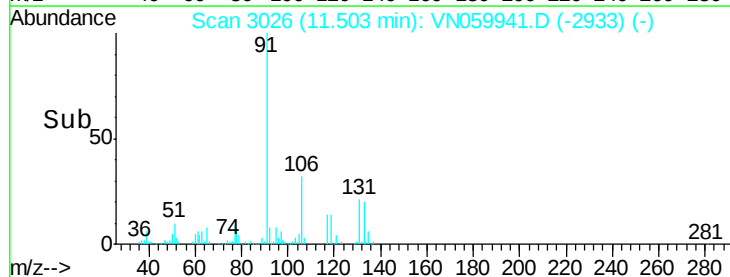
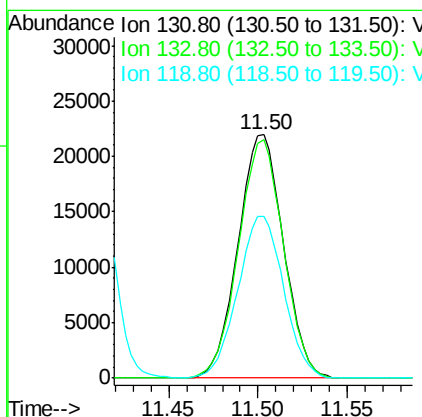
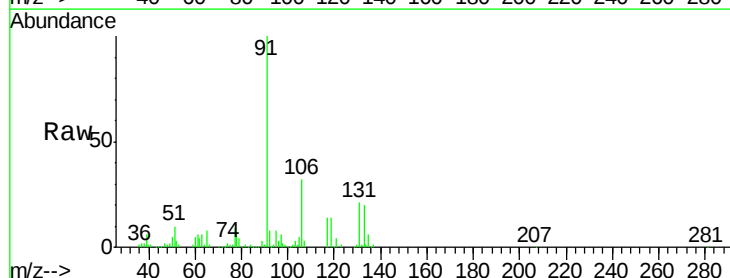
Manual Integrations
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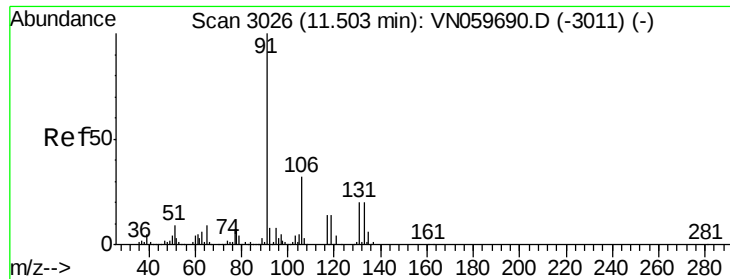
MMDadoda
2/4/2020 12:50:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.4	142.2
119	67.3	33.1	99.3





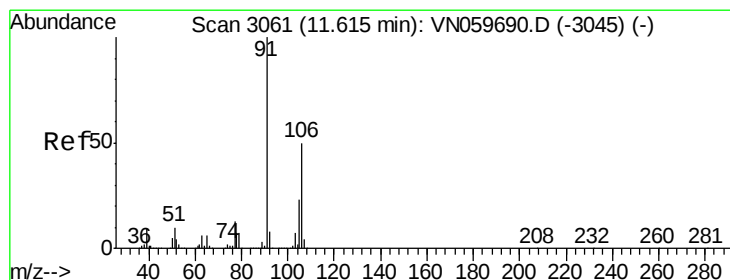
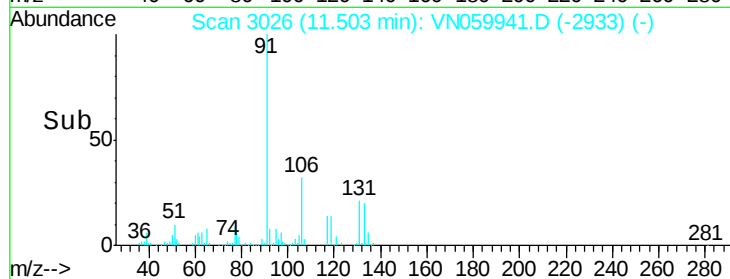
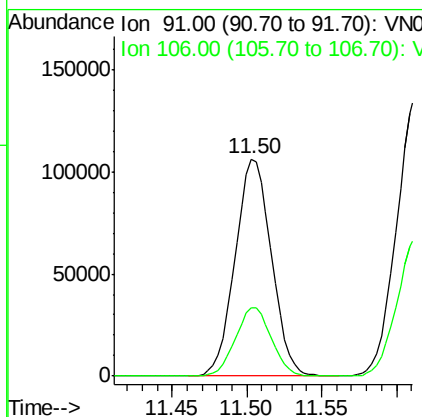
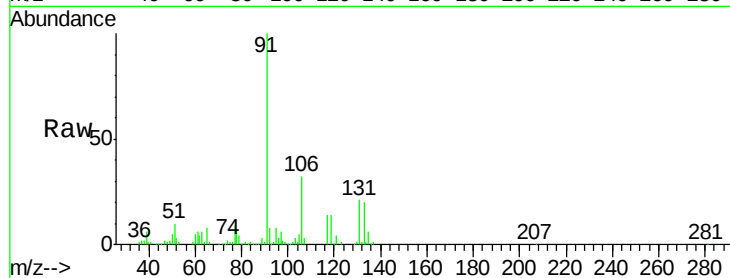
#67
Ethyl Benzene
Concen: 19.683 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion: 91 Resp: 179324
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1

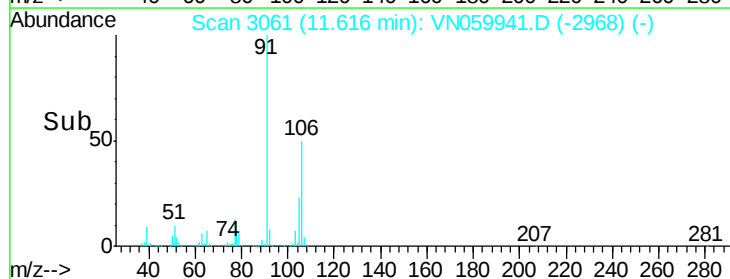
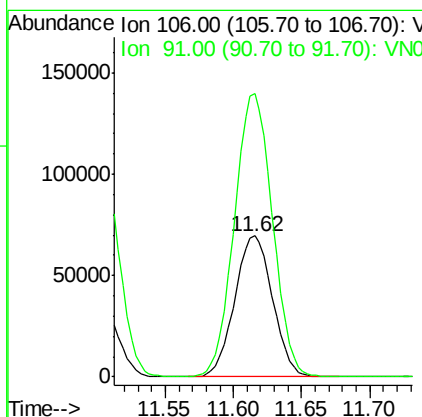
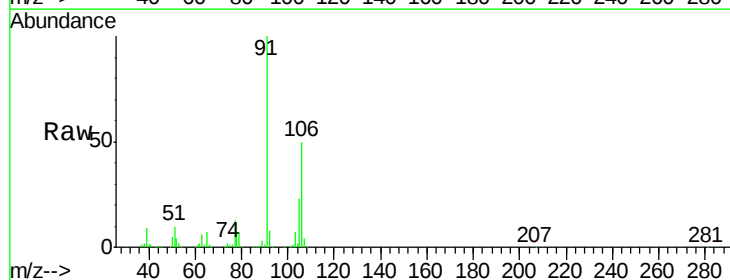
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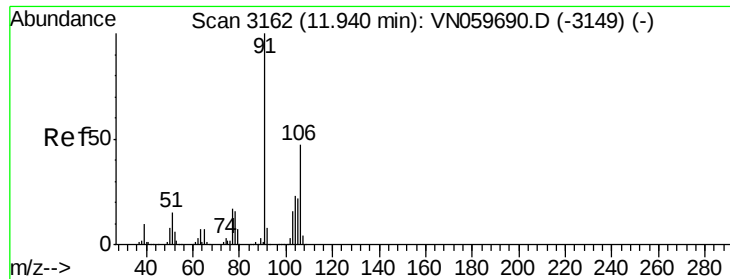
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#68
m/p-Xylenes
Concen: 38.946 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion: 106 Resp: 134034
Ion Ratio Lower Upper
106 100
91 202.1 167.9 251.9





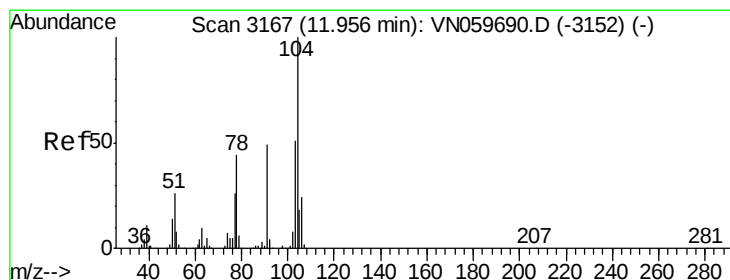
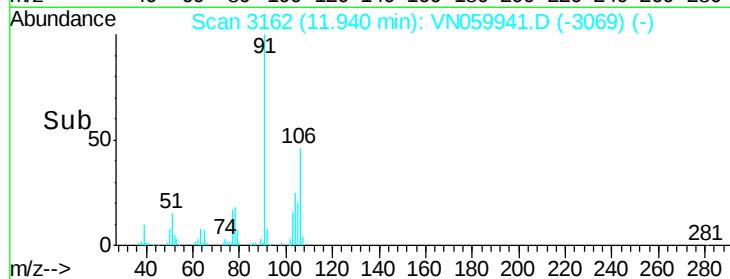
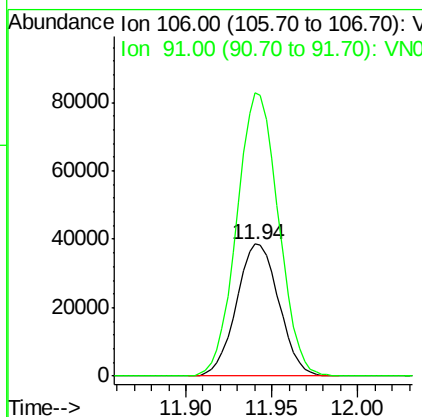
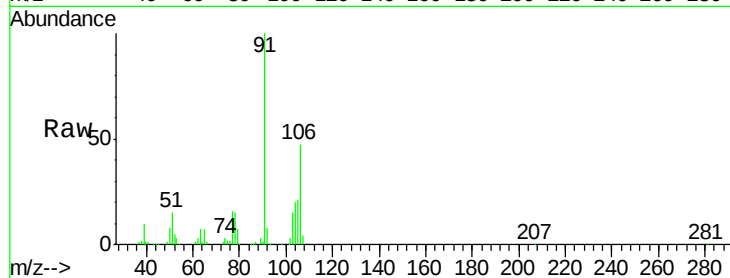
#69
o-Xylene
Concen: 19.676 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.9	110.3	330.9	

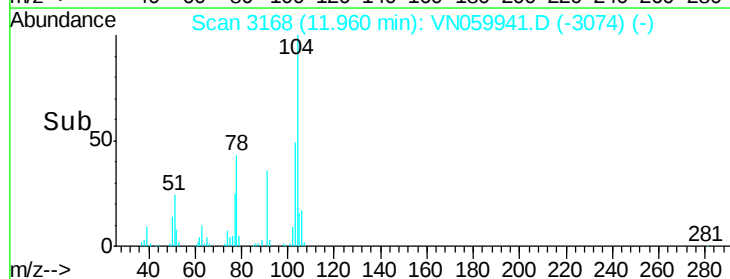
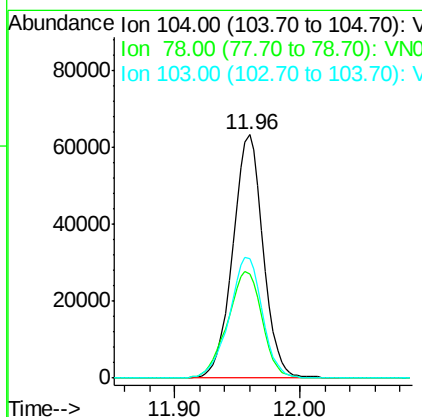
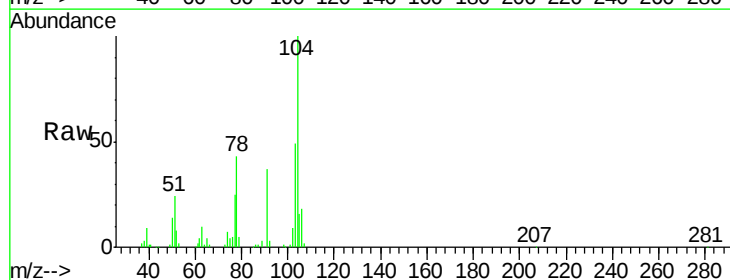
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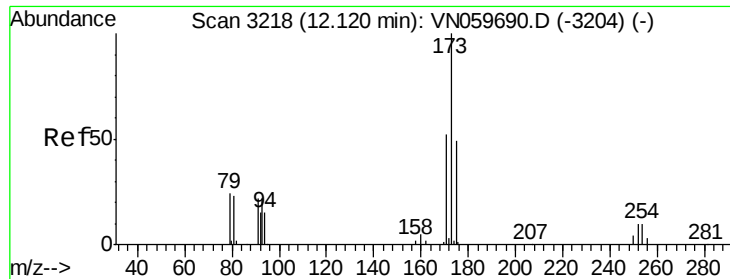
MMDadoda
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#70
Styrene
Concen: 18.851 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.9	42.4	63.6	
103	54.2	43.9	65.9	





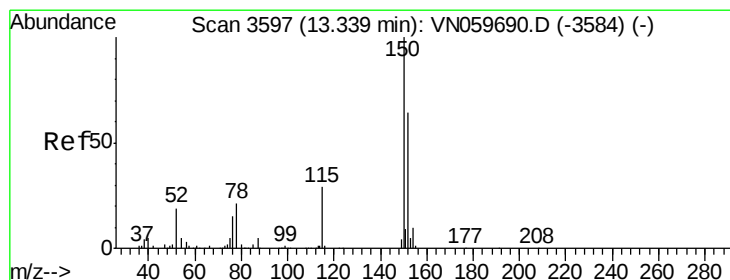
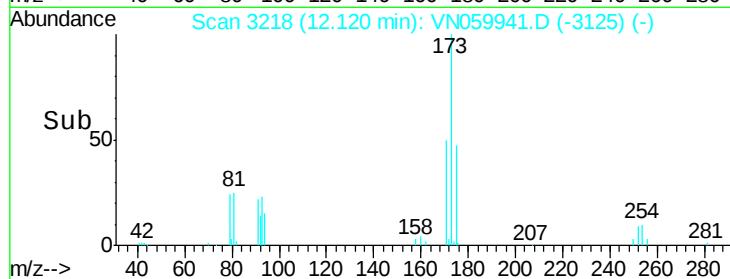
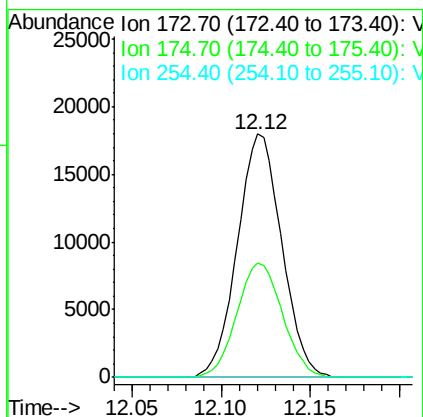
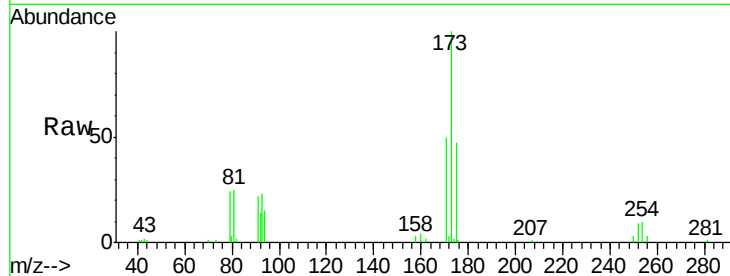
#71
Bromoform
Concen: 20.097 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.8	71.4
254	0.0	0.0	0.0

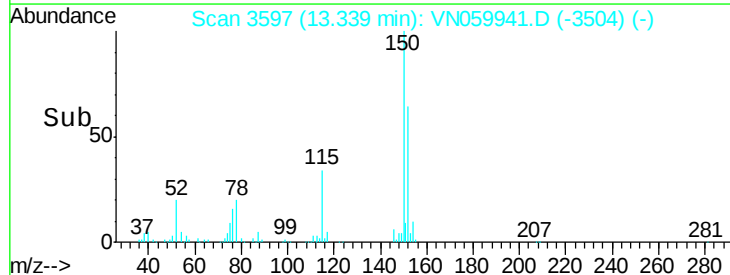
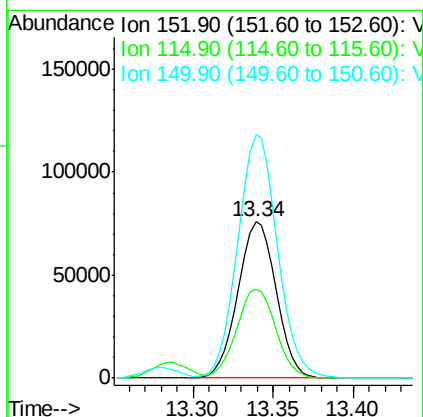
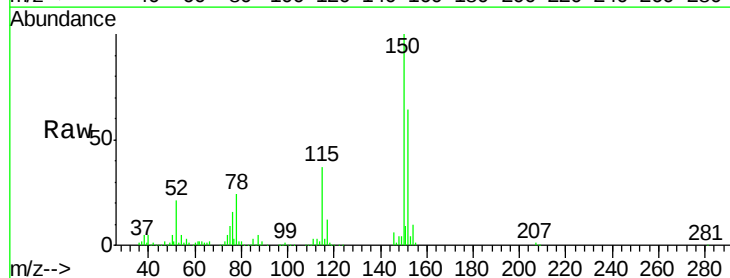
Manual Integrations
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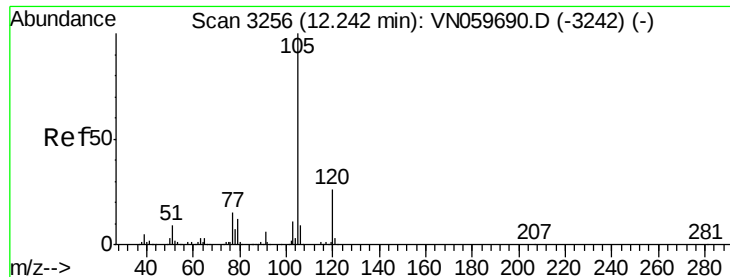
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.3	90.9
150	161.1	0.0	345.2





#73

Isopropylbenzene

Concen: 19.737 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 105 Resp: 178695

Ion Ratio Lower Upper

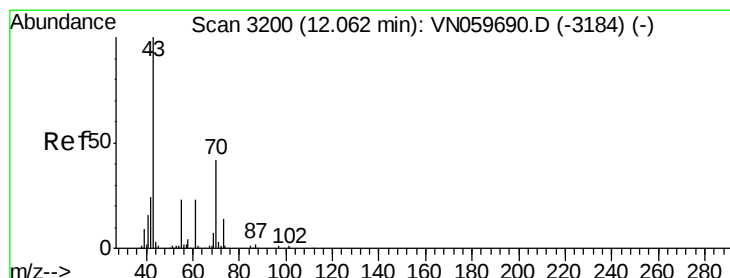
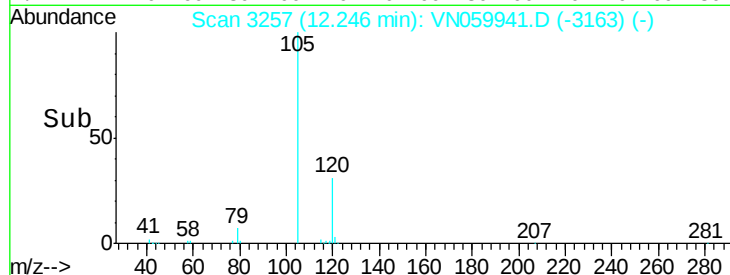
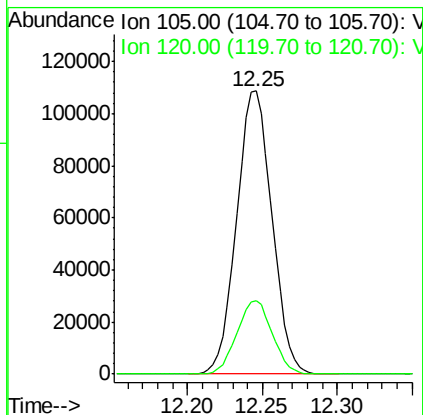
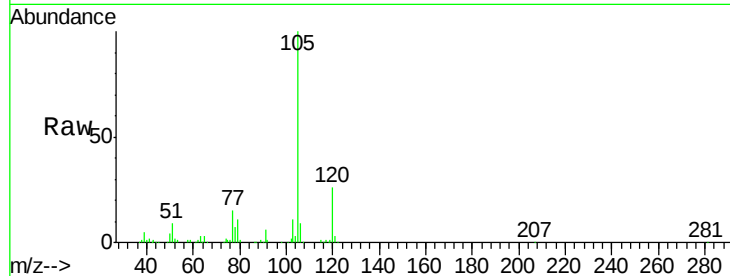
105 100

120 26.0 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 17.489 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion: 43 Resp: 61441

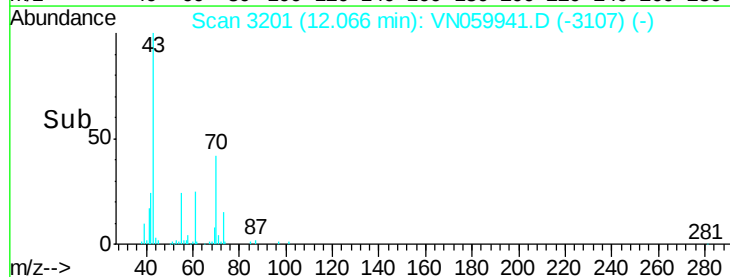
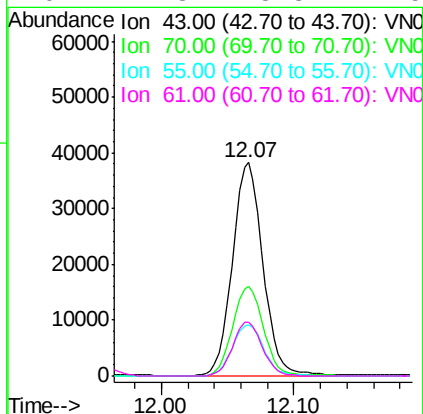
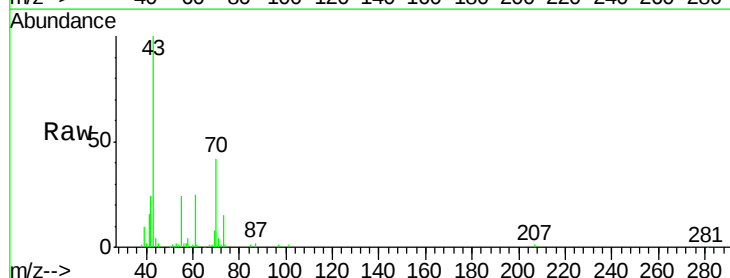
Ion Ratio Lower Upper

43 100

70 42.6 31.3 46.9

55 24.5 19.8 29.6

61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.511 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

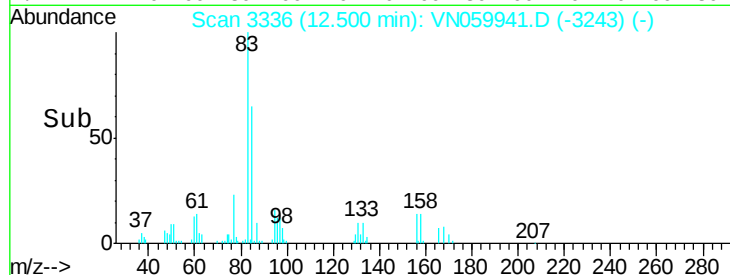
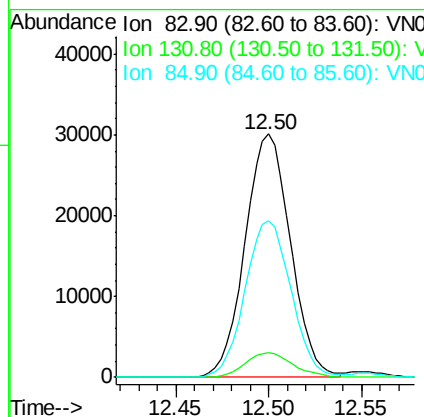
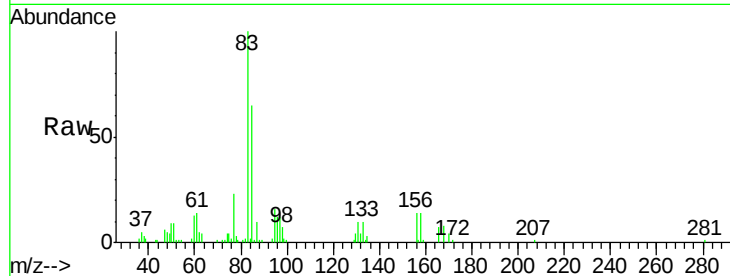
ClientSampled :

VN0131WBS01

Tot Ion:	83	Resp:	51210
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	65.0	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.481 ug/l m

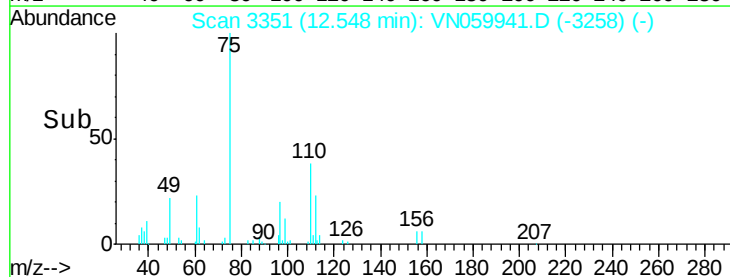
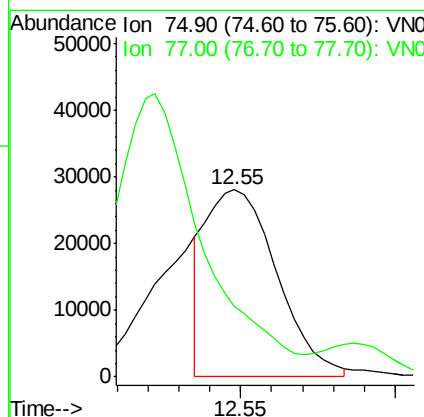
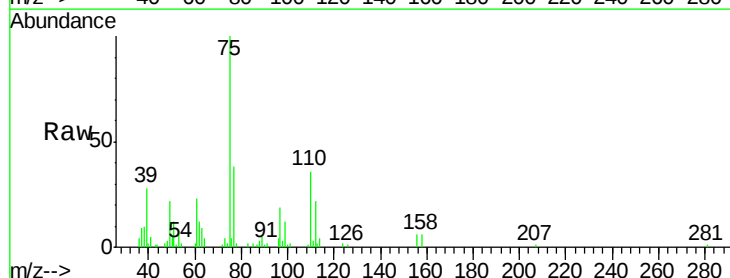
RT: 12.55 min Scan# 3351

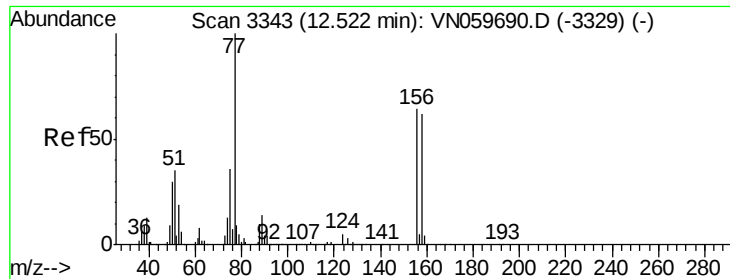
Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	75	Resp:	44628
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.526 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBS01

Tot Ion:156 Resp: 44769

Ion Ratio Lower Upper

156 100

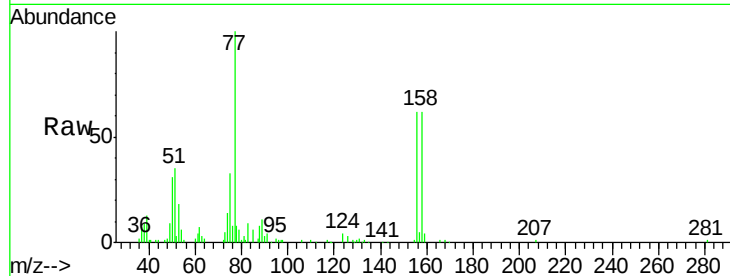
77 192.7 115.8 347.4

158 98.5 49.2 147.6

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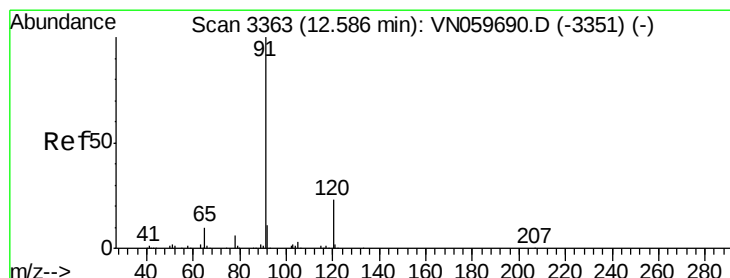
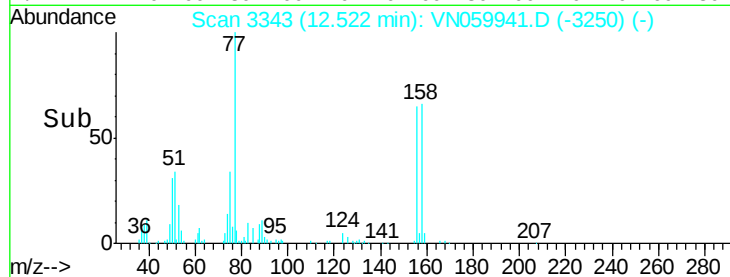
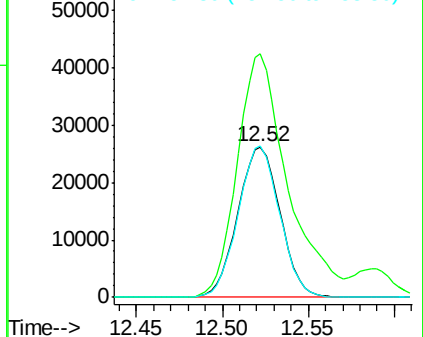
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.511 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059941.D

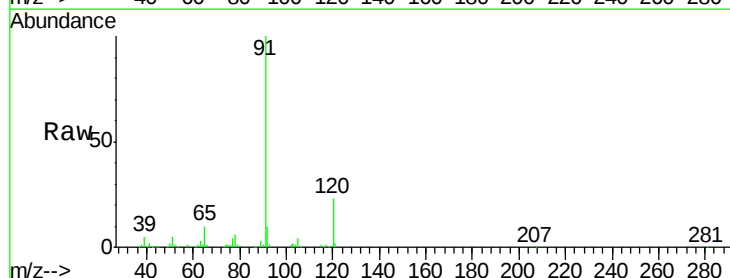
Acq: 31 Jan 2020 12:29

Tgt Ion: 91 Resp: 198269

Ion Ratio Lower Upper

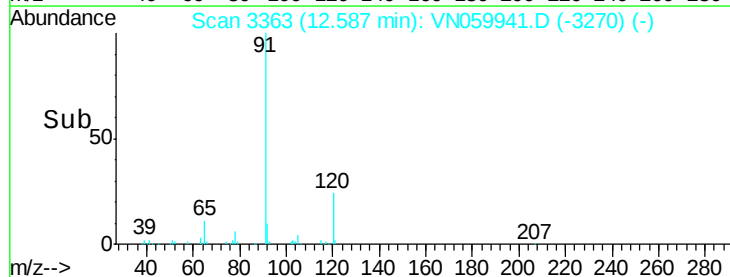
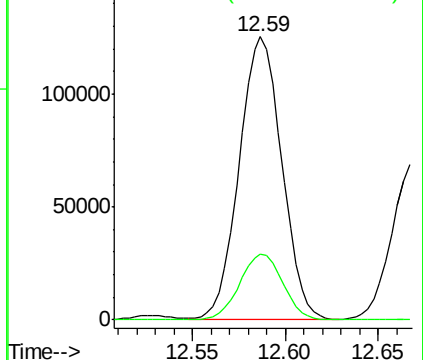
91 100

120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.670 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0131WBS01

Tot Ion: 91 Resp: 118909

Ion Ratio Lower Upper

91 100

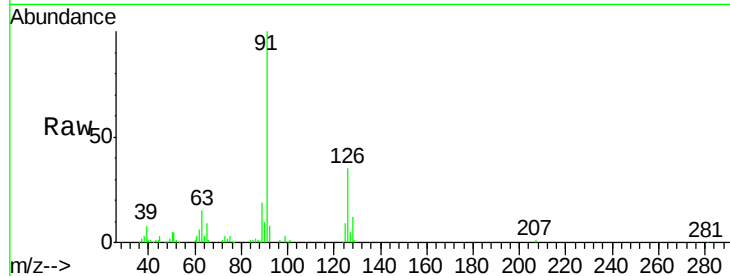
126 35.1 16.3 48.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059690.D (-3376) (-)

100000

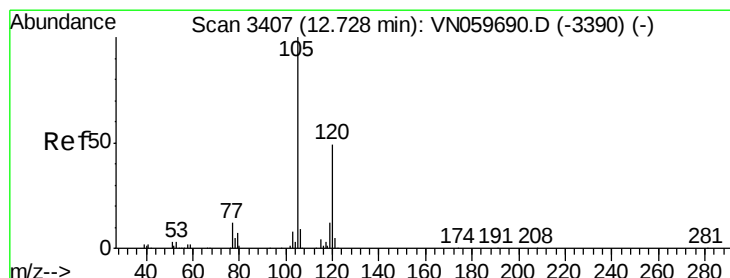
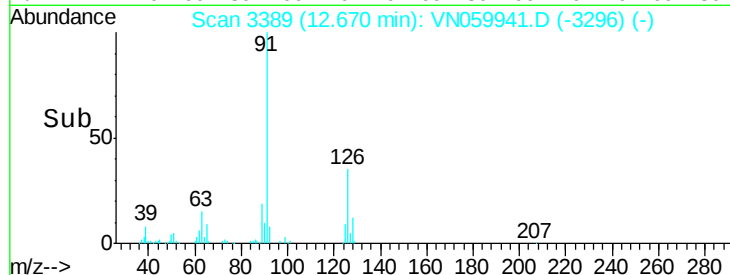
50000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.373 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059941.D

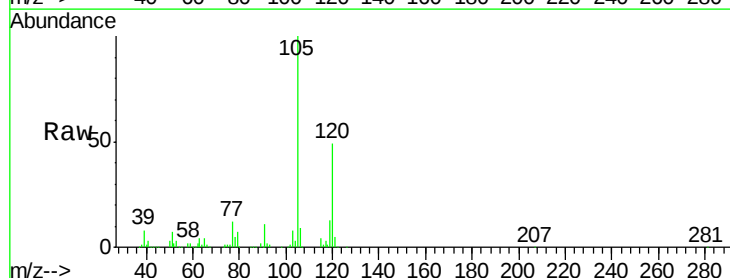
Acq: 31 Jan 2020 12:29

Tgt Ion: 105 Resp: 147508

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059690.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059690.D (-3390) (-)

100000

80000

60000

40000

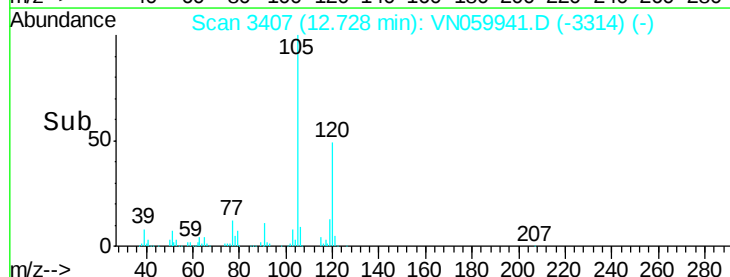
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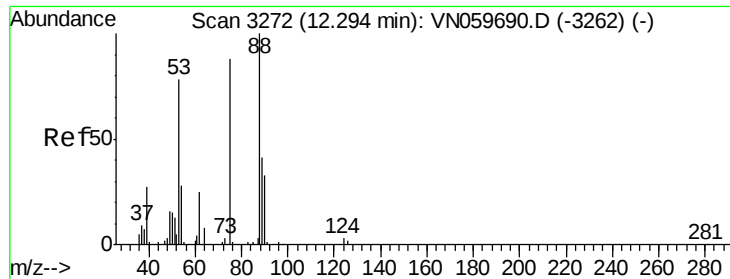
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12.65 12.70 12.75 12.80

12.73

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.174 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

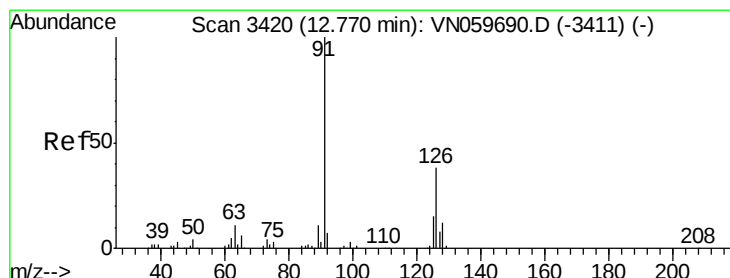
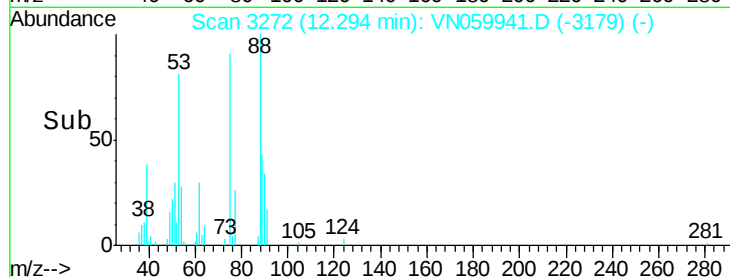
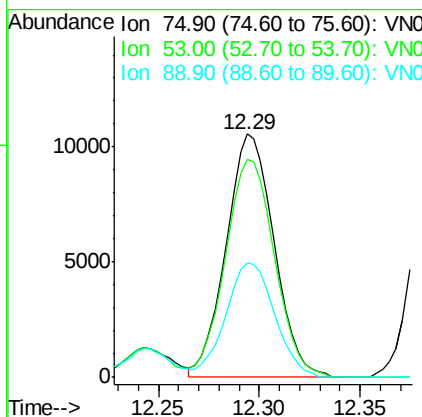
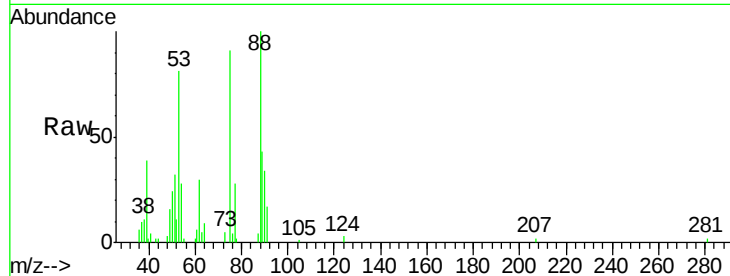
ClientSampleId :

VN0131WBS01

Tot Ion:	75	Resp:	17582
Ion	Ratio	Lower	Upper
75	100		
53	92.5	78.1	117.1
89	48.1	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.834 ug/l

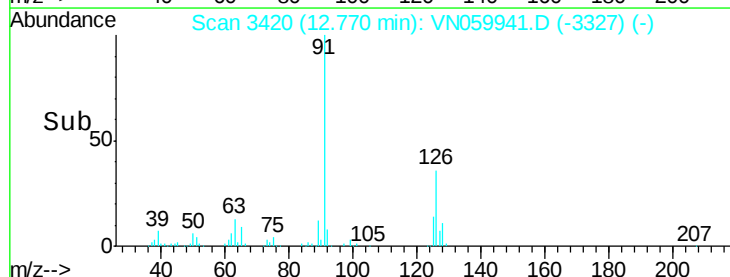
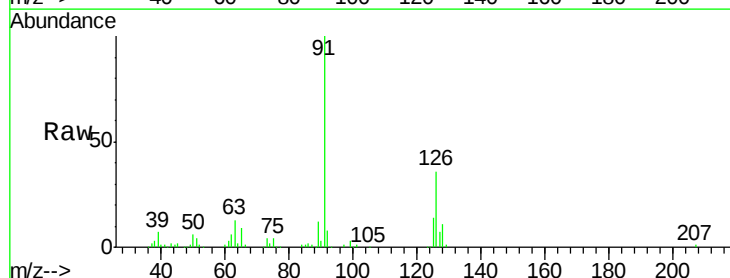
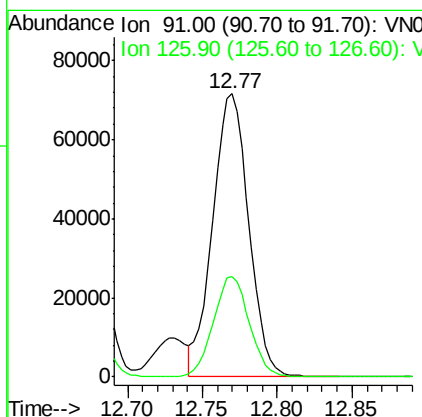
RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	91	Resp:	120262
Ion	Ratio	Lower	Upper
91	100		
126	35.3	16.3	48.8





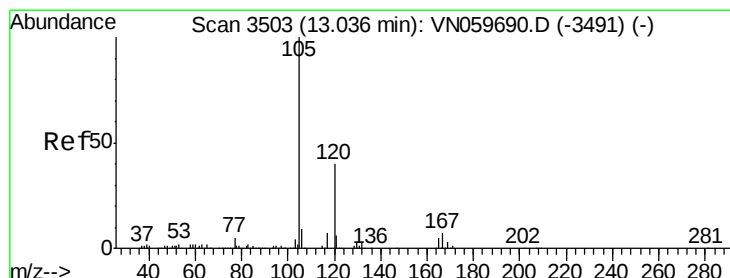
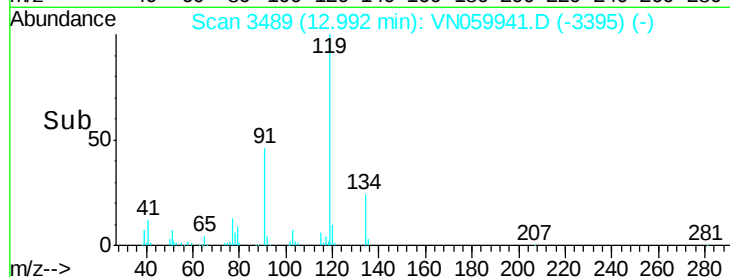
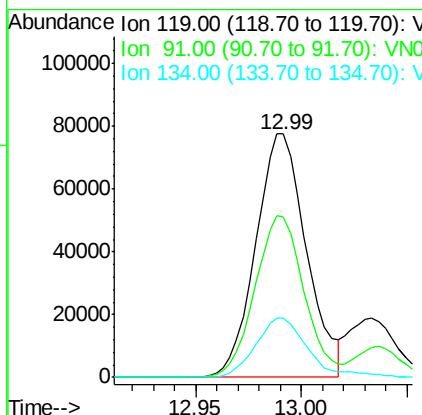
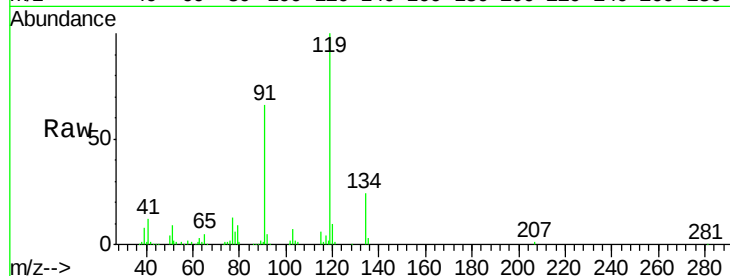
#83
 tert-Butylbenzene
 Concen: 19.654 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	34.8	104.4
134	25.2	12.3	36.9

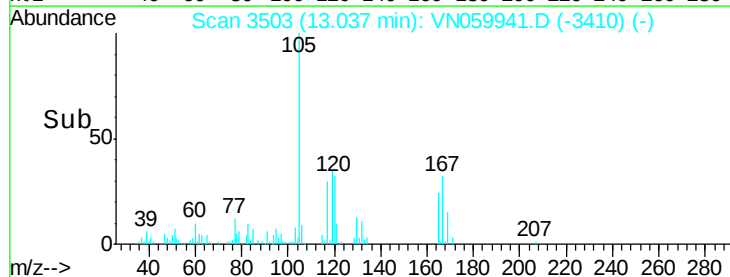
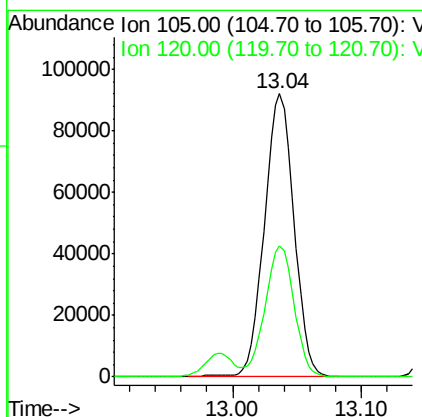
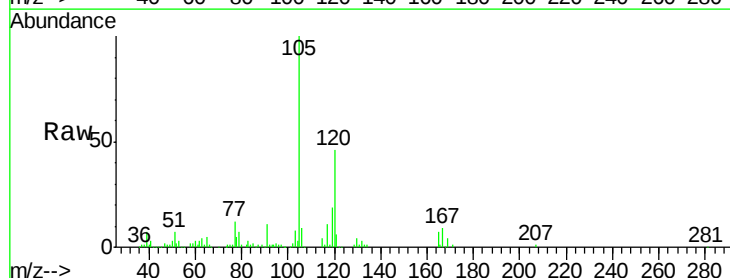
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.582 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





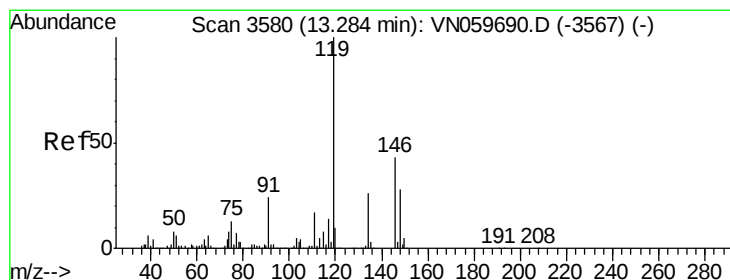
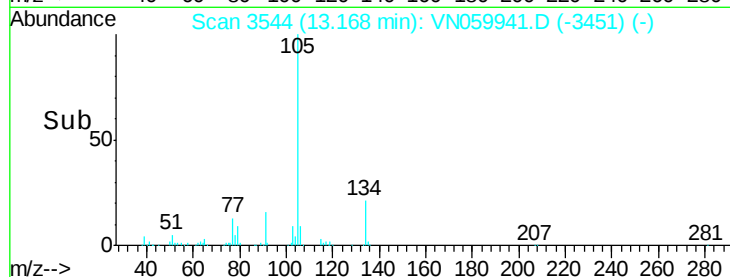
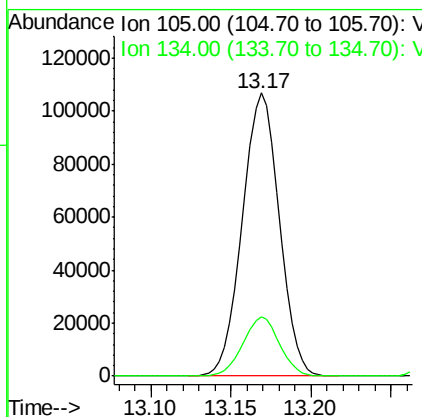
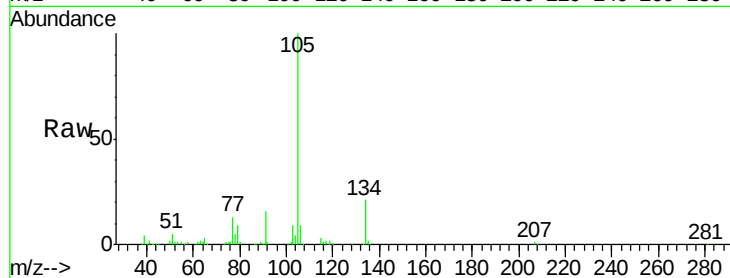
#85
 sec-Butylbenzene
 Concen: 19.429 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	9.8	29.5

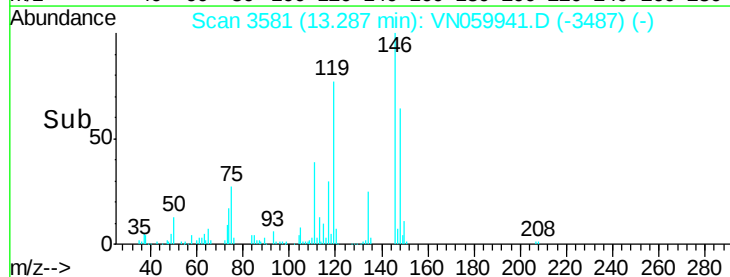
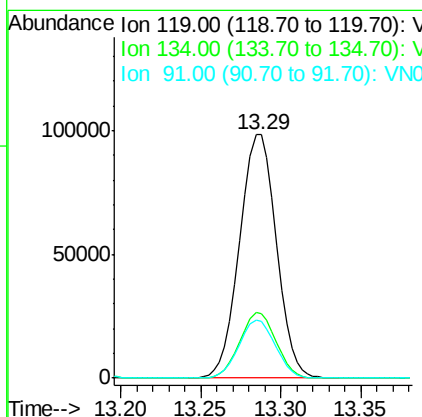
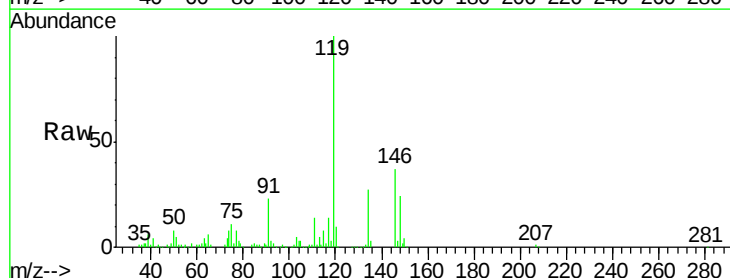
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#86
 p-Isopropyltoluene
 Concen: 19.299 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.9	38.7
91	23.6	12.4	37.4





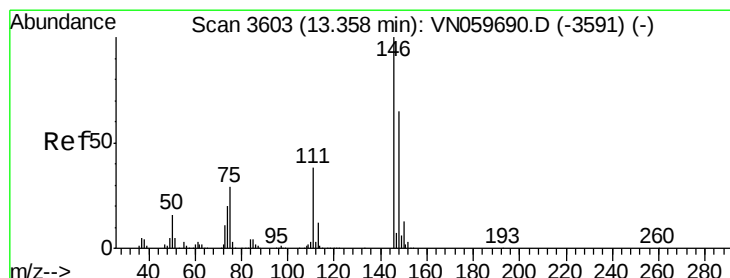
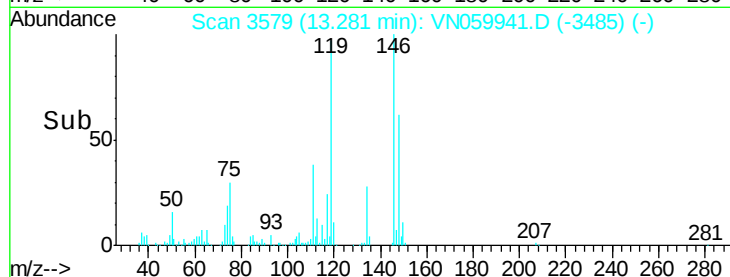
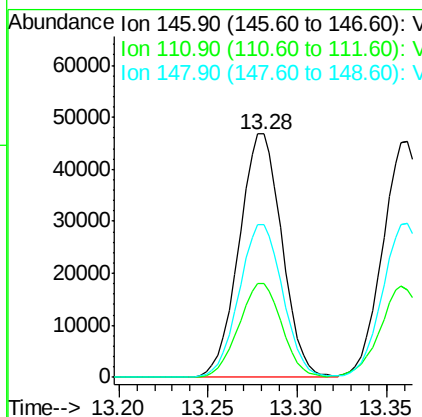
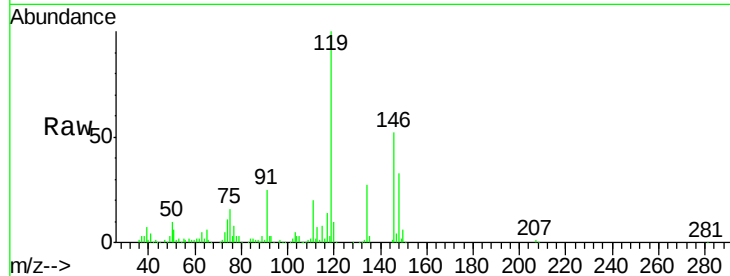
#87
 1,3-Dichlorobenzene
 Concen: 19.773 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN0131WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	63.8	32.0	96.0

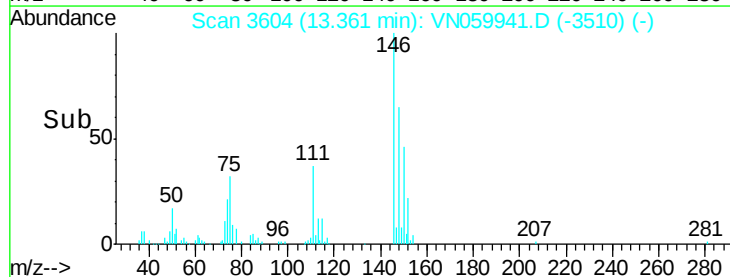
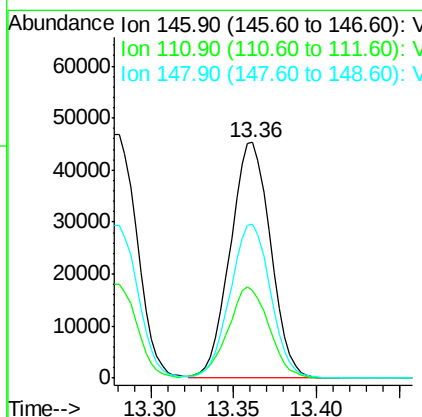
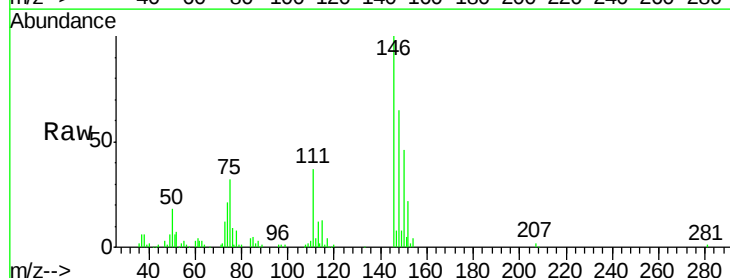
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#88
 1,4-Dichlorobenzene
 Concen: 19.329 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059941.D
 Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.2
148	65.5	31.8	95.4





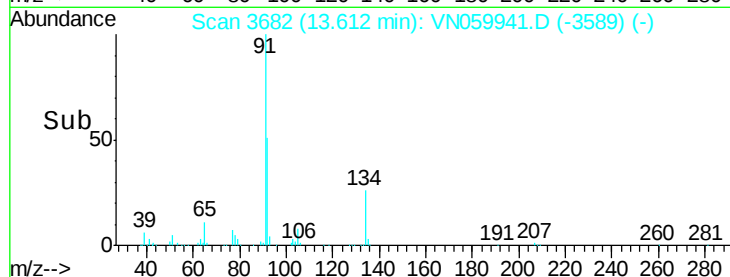
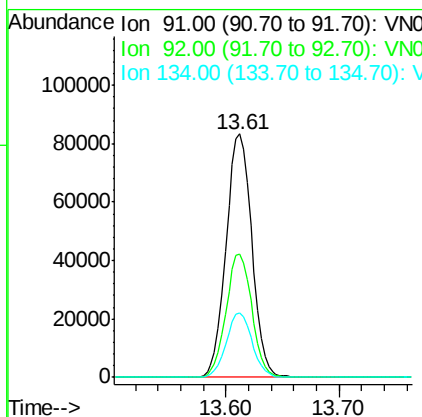
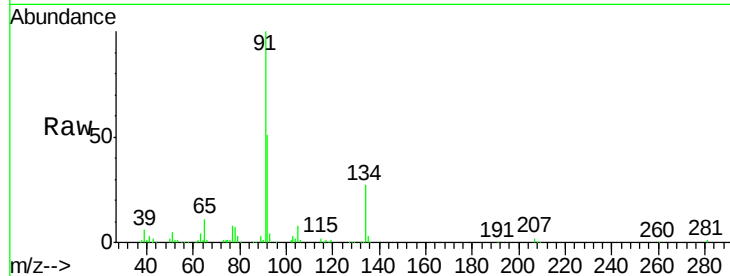
#89
n-Butylbenzene
Concen: 19.452 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.9	77.7
134	26.6	12.3	36.8

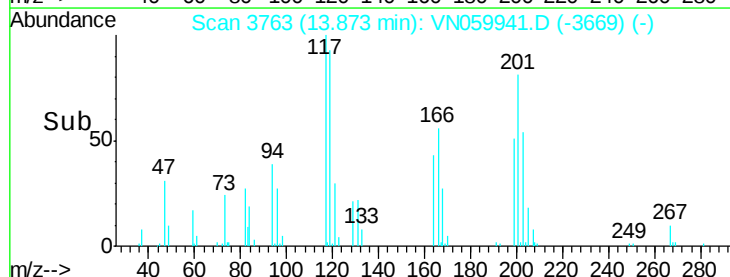
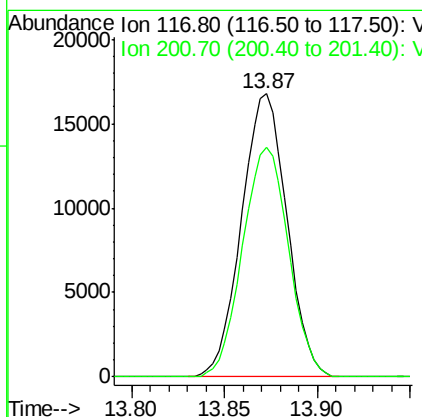
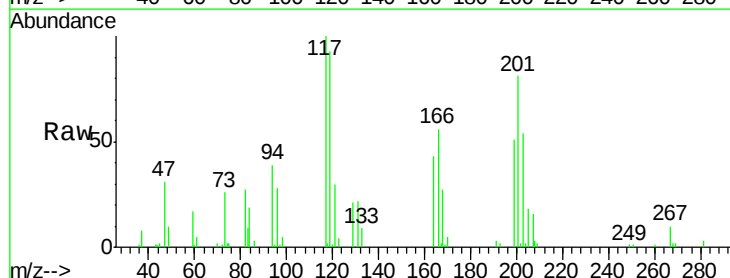
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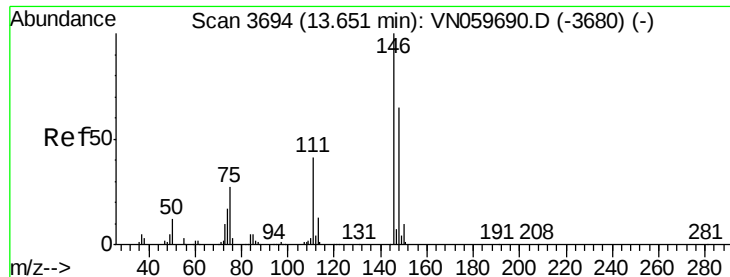
MMDadoda
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#90
Hexachloroethane
Concen: 19.020 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.1	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 19.933 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

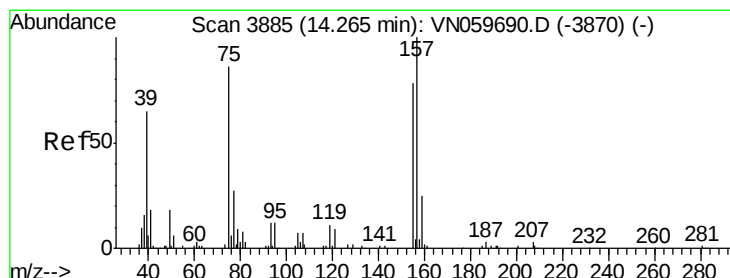
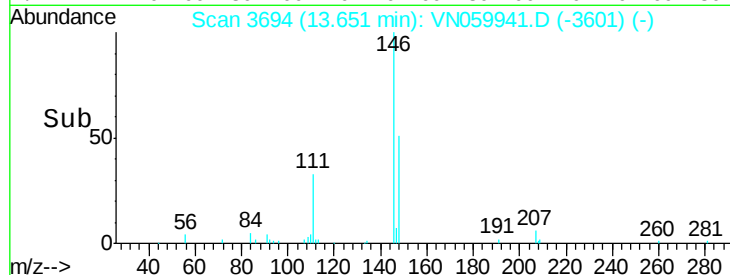
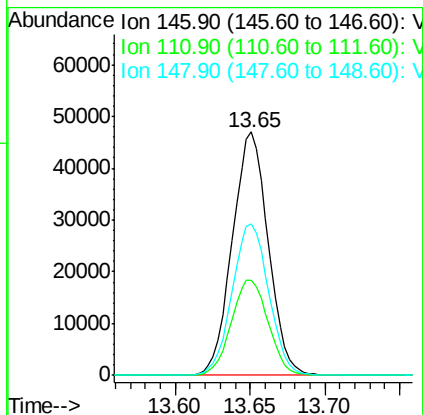
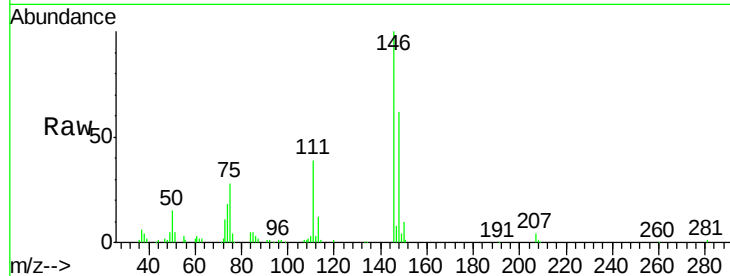
ClientSampled :

VN0131WBS01

Tot Ion:	146	Resp:	78481
Ion Ratio	Lower	Upper	
146	100		
111	40.2	21.6	64.8
148	63.5	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.116 ug/l

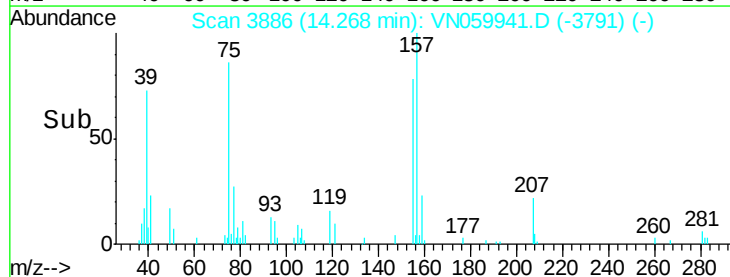
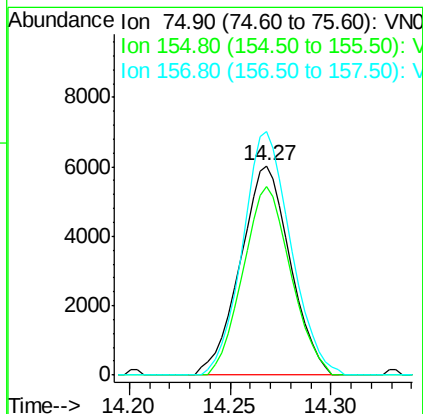
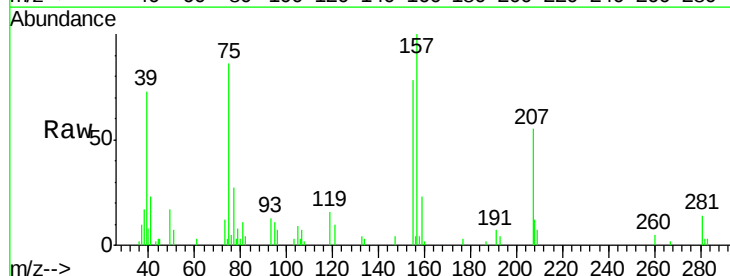
RT: 14.27 min Scan# 3886

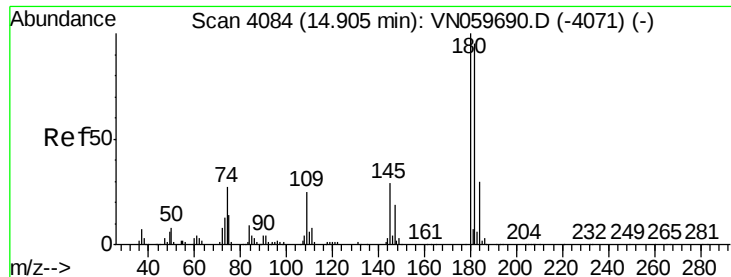
Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	75	Resp:	10416
Ion Ratio	Lower	Upper	
75	100		
155	86.3	37.0	110.9
157	112.6	48.4	145.2





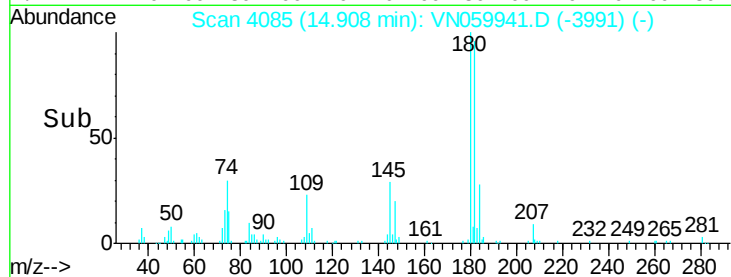
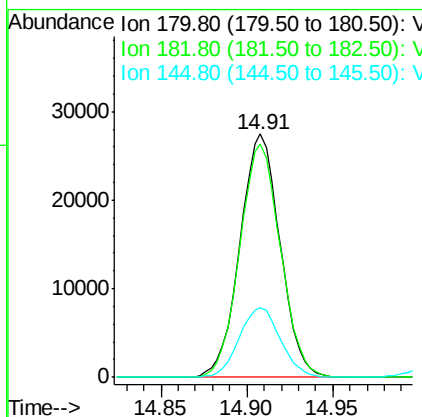
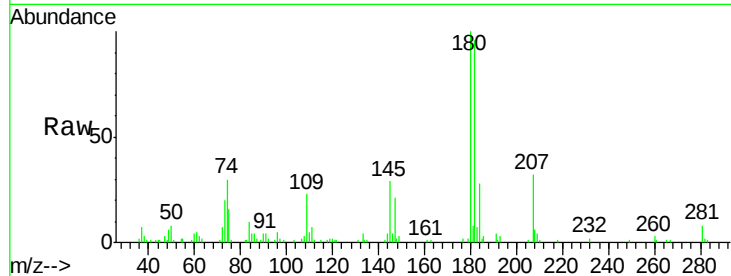
#93
1,2,4-Trichlorobenzene
Concen: 18.863 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.7
145	29.5	15.0	45.1

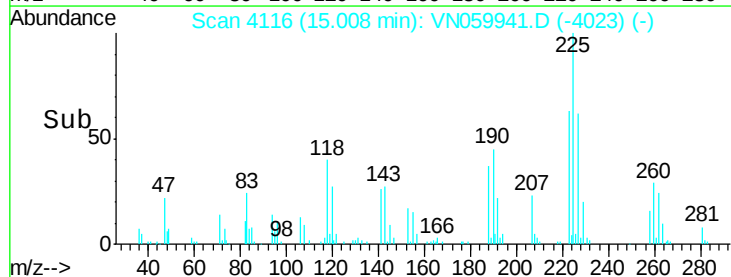
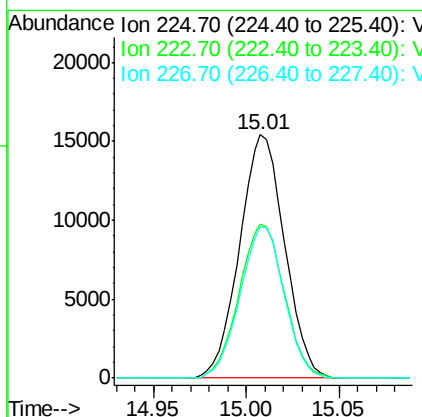
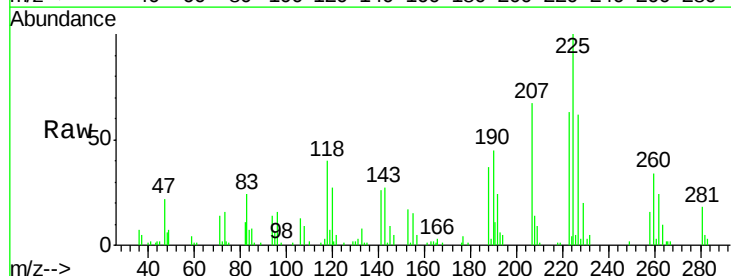
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#94
Hexachlorobutadiene
Concen: 19.879 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059941.D
Acq: 31 Jan 2020 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.3
227	60.9	32.1	96.5





#95

Naphthalene

Concen: 17.577 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Instrument :

MSVOA_N

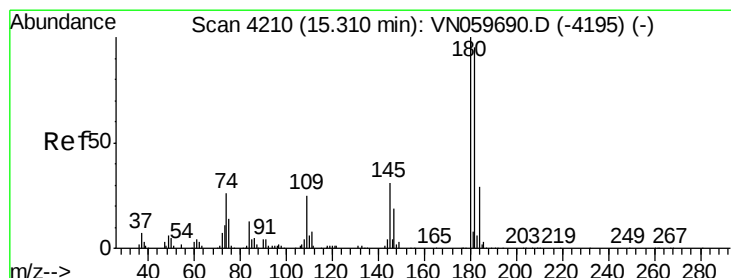
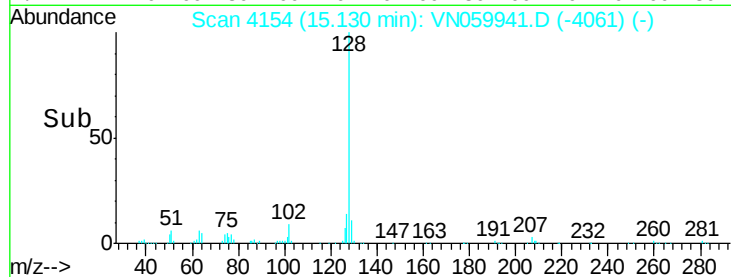
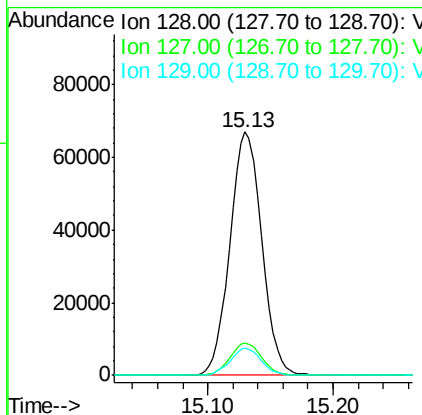
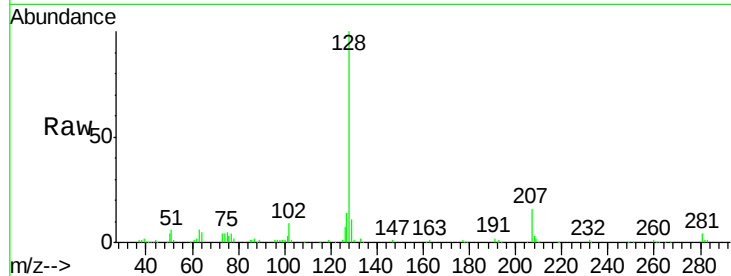
ClientSampleId :

VN0131WBS01

Tot Ion:	128	Resp:	118281
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.381 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059941.D

Acq: 31 Jan 2020 12:29

Tgt Ion:	180	Resp:	44632
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.4	142.3
145	31.5	16.3	48.9

