

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067940.D
 Acq On : 27 Jul 2021 20:03
 Operator : JC/MD
 Sample : PB137982TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 05:24:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	333631	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	630961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	631367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	226172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	252561	50.090	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.180%	
35) Dibromofluoromethane	8.024	113	193234	50.689	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.380%	
50) Toluene-d8	10.443	98	811198	50.838	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.736	95	269357	47.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.580%	

Target Compounds			Qvalue			
3) Chloromethane	2.303	50	1027	0.229	ug/l	# 81
5) Bromomethane	2.872	94	2812	Below Cal	#	58
6) Chloroethane	3.014	64	61	Below Cal	#	44
7) Trichlorofluoromethane	3.363	101	526	Below Cal	#	65
11) Tert butyl alcohol	5.385	59	190	0.262	ug/l	# 71
13) Acrolein	4.036	56	280	Below Cal	#	26
15) Acrylonitrile	5.551	53	543	0.302	ug/l	# 35
16) Acetone	4.299	43	37541	23.662	ug/l	97
17) Carbon Disulfide	4.529	76	3864	0.470	ug/l	# 74
18) Methyl Acetate	4.851	43	1580	0.355	ug/l	# 68
20) Methylene Chloride	5.101	84	29424	7.351	ug/l	89
25) 2-Butanone	7.340	43	3708	1.407	ug/l	97
29) Tetrahydrofuran	7.708	42	3670	2.118	ug/l	# 47
31) Cyclohexane	8.083	56	8690	1.229	ug/l	# 25
36) 1,1-Dichloropropene	8.088	75	29311	5.001	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	35665	6.169	ug/l	# 18
43) Isopropyl Acetate	8.563	43	42653	4.270	ug/l	# 92
44) Trichloroethene	9.220	130	914	0.205	ug/l	68
45) 1,2-Dichloropropane	9.630	63	2575	0.580	ug/l	# 44
48) Methyl methacrylate	9.545	41	10605	2.400	ug/l	# 15
49) 1,4-Dioxane	9.574	88	293	35.359	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.333	43	15231	2.482	ug/l	90
52) Toluene	10.510	92	2332	0.203	ug/l	93
53) t-1,3-Dichloropropene	10.722	75	890	1.861	ug/l	# 87
54) cis-1,3-Dichloropropene	10.247	75	69024	10.073	ug/l	# 61
57) 1,3-Dichloropropane	11.095	76	42460	5.622	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	10.073	63	53	17.041	ug/l	# 50
59) 2-Hexanone	11.095	43	660717	154.240	ug/l	# 55
60) Dibromochloromethane	11.242	129	287	2.407	ug/l	57
64) Tetrachloroethene	10.980	164	2244	0.504	ug/l	# 68
65) Chlorobenzene	11.773	112	2685	0.207	ug/l	# 79
68) m/p-Xylenes	11.961	106	3935	0.441	ug/l	82
69) o-Xylene	12.288	106	1881	0.214	ug/l	66
70) Styrene	12.296	104	3916	0.279	ug/l	# 77
71) Bromoform	12.455	173	392	3.266	ug/l	# 29
73) Isopropylbenzene	12.581	105	4300	0.236	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

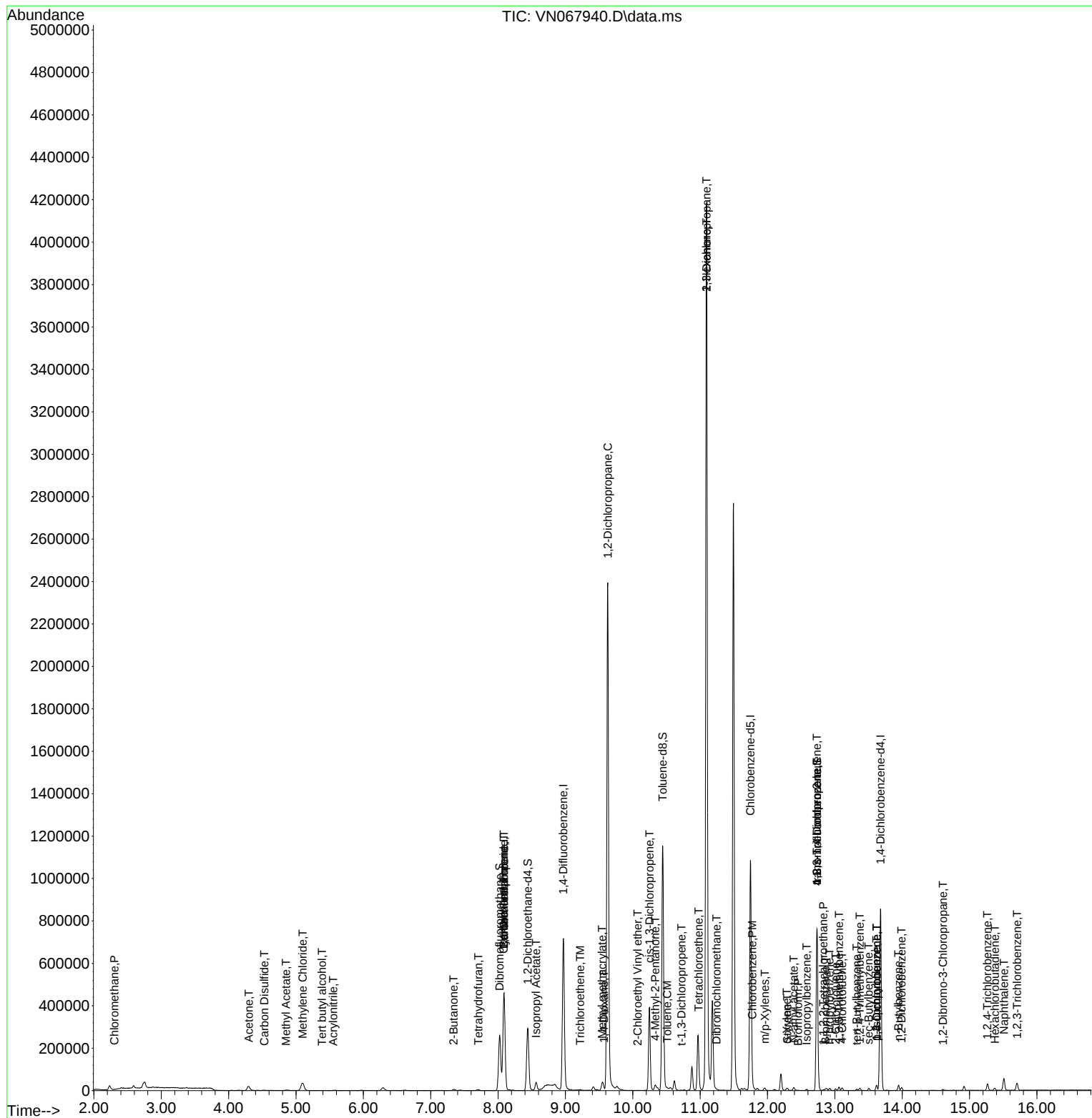
74) N-amyl acetate	12.390	43	8609	1.300	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	2111	0.399	ug/l #	83
76) 1,2,3-Trichloropropane	12.734	75	146490	31.716	ug/l #	100
77) Bromobenzene	12.860	156	1653	0.409	ug/l	89
78) n-propylbenzene	12.921	91	9675	0.469	ug/l	79
79) 2-Chlorotoluene	13.012	91	4608	0.370	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	7630	0.516	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.734	75	146490	102.255	ug/l #	6
82) 4-Chlorotoluene	13.109	91	8091	0.656	ug/l	95
83) tert-Butylbenzene	13.324	119	3261	0.259	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.372	105	6742	0.465	ug/l	96
85) sec-Butylbenzene	13.501	105	7141	0.409	ug/l	97
86) p-Isopropyltoluene	13.619	119	7008	0.498	ug/l	88
87) 1,3-Dichlorobenzene	13.621	146	5484	0.732	ug/l	96
88) 1,4-Dichlorobenzene	13.621	146	5484	0.715	ug/l	97
89) n-Butylbenzene	13.946	91	13802	1.143	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	6426	0.888	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1482	1.611	ug/l	89
93) 1,2,4-Trichlorobenzene	15.263	180	9925	5.168	ug/l	96
94) Hexachlorobutadiene	15.375	225	2096	1.379	ug/l	90
95) Naphthalene	15.509	128	50987	7.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	12012	5.783	ug/l	95

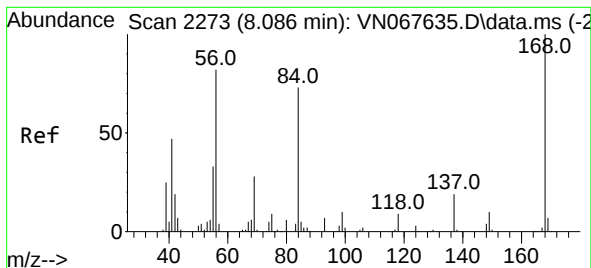
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN067940.D

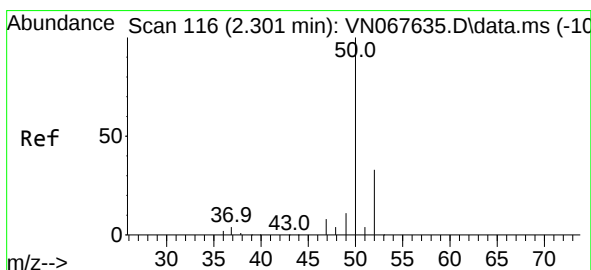
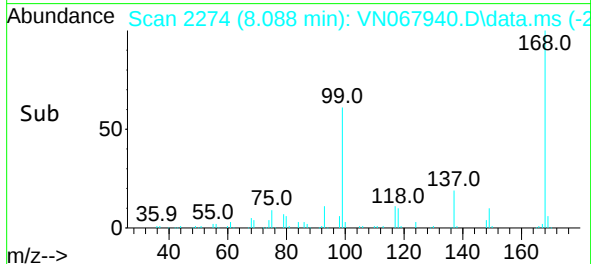
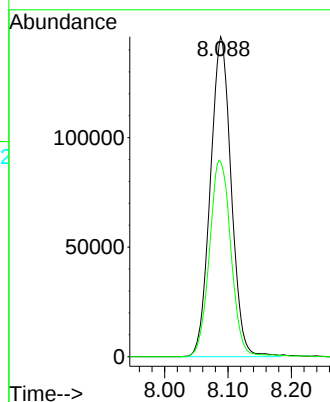
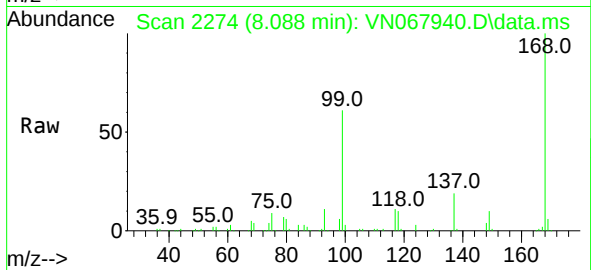
Acq: 27 Jul 2021 20:03

Tgt Ion:168 Resp: 333631

Ion Ratio Lower Upper

168 100

99 60.9 62.9 94.3#



#3

Chloromethane

Concen: 0.229 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.002 min

Lab File: VN067940.D

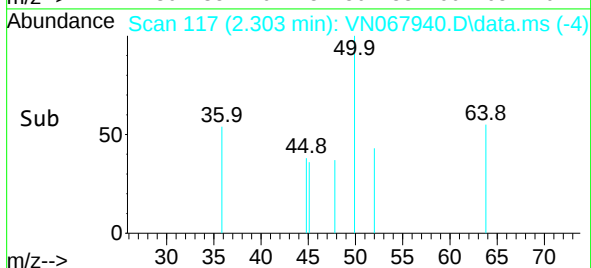
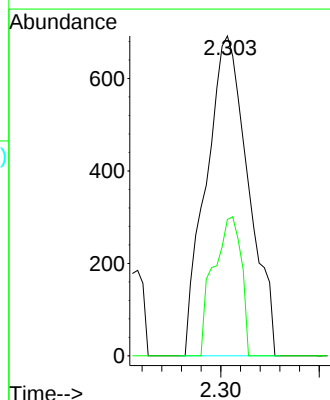
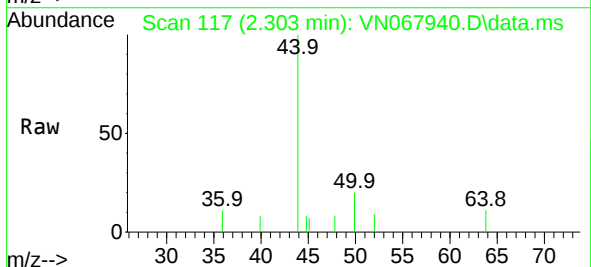
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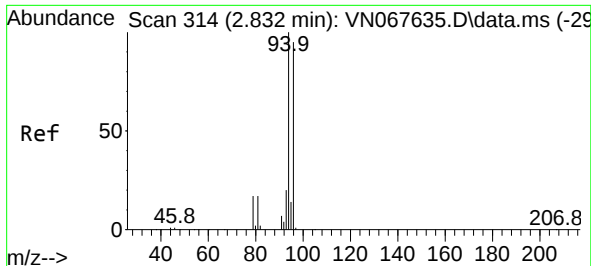
Tgt Ion: 50 Resp: 1027

Ion Ratio Lower Upper

50 100

52 42.6 25.6 38.4#

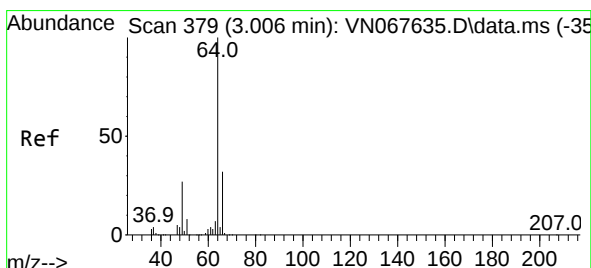
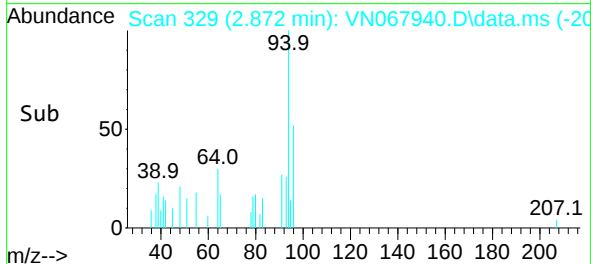
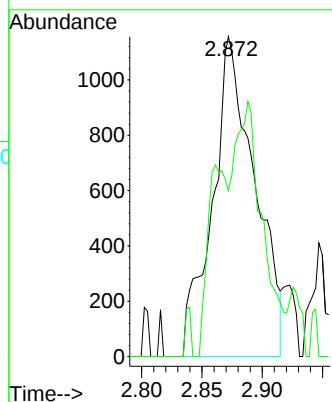
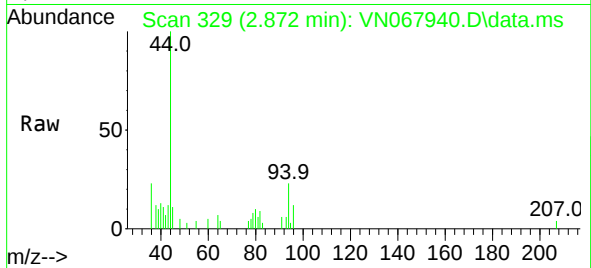




#5
Bromomethane
Concen: Below Cal
RT: 2.872 min Scan# 329
Delta R.T. 0.040 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

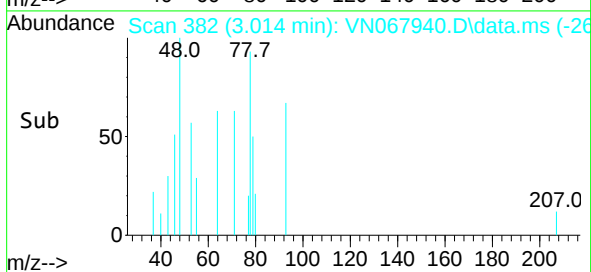
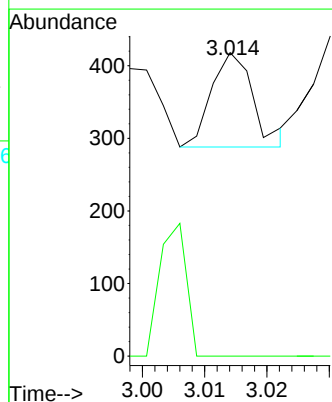
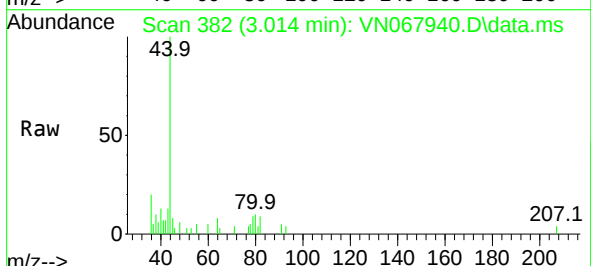
Instrument :
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ClientSampleId :

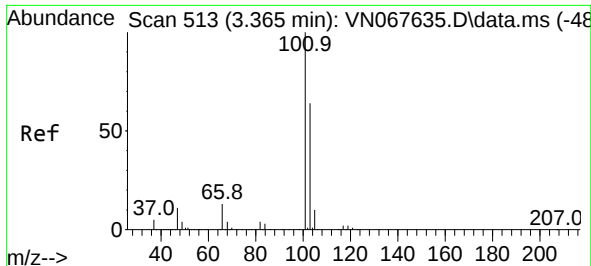
Tgt Ion: 94 Resp: 2812
Ion Ratio Lower Upper
94 100
96 51.9 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.014 min Scan# 382
Delta R.T. 0.008 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

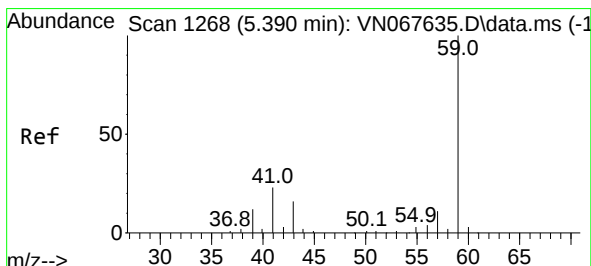
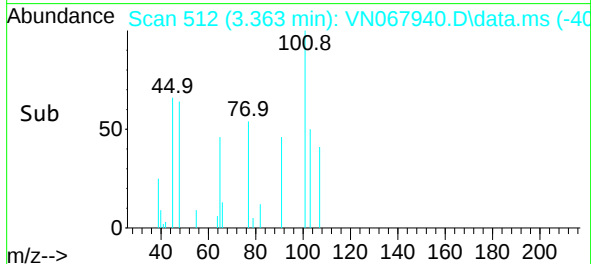
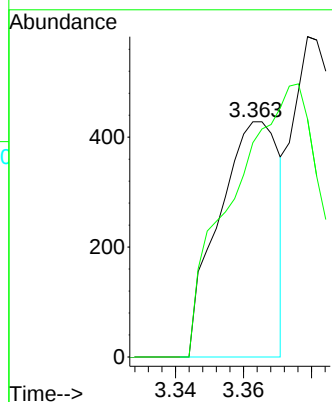
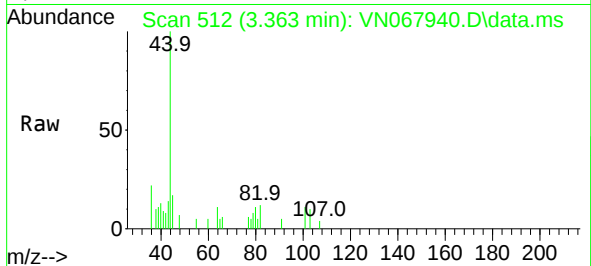




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.363 min Scan# 512
Delta R.T. -0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

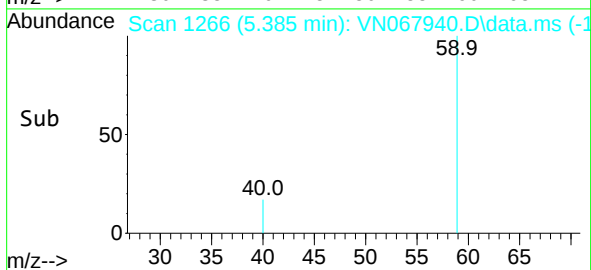
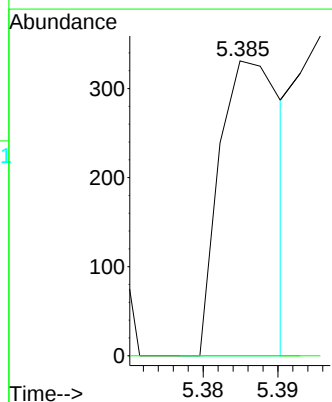
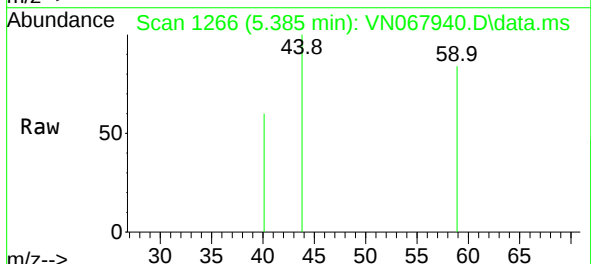
Instrument :
MSVOA_N
ClientSampled :

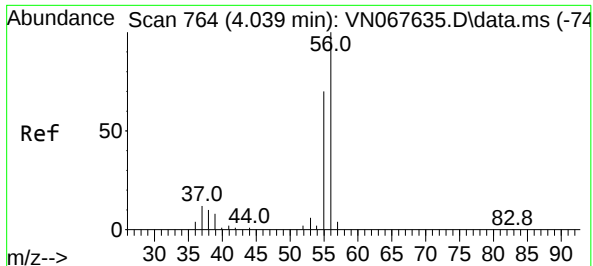
Tgt Ion:101 Resp: 526
Ion Ratio Lower Upper
101 100
103 91.1 51.2 76.8#



#11
Tert butyl alcohol
Concen: 0.262 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

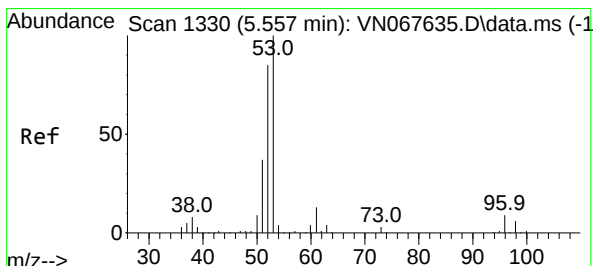
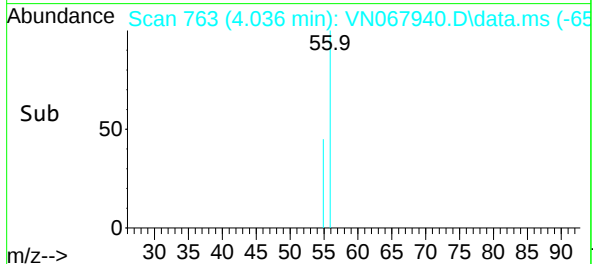
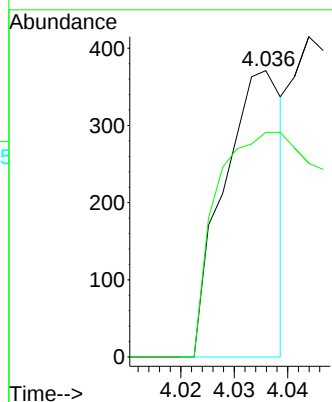
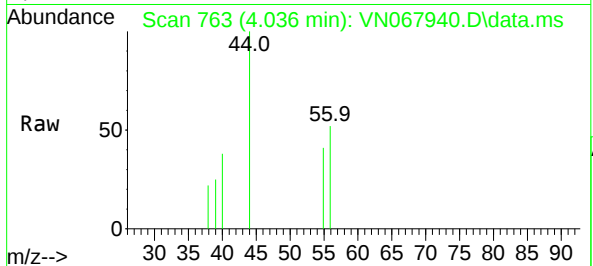




#13
Acrolein
Concen: Below Cal
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

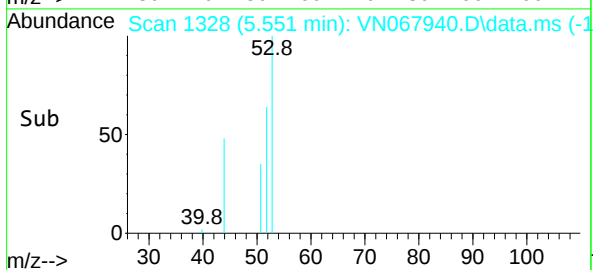
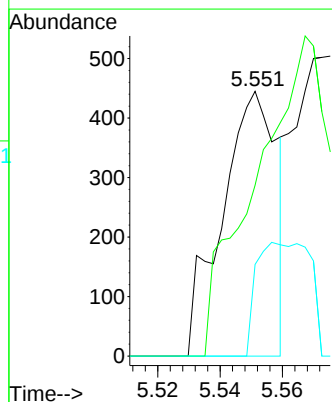
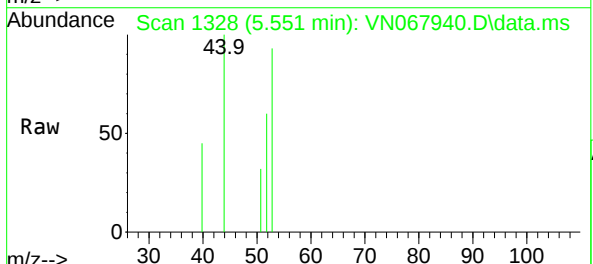
Instrument :
MSVOA_N
ClientSampled :

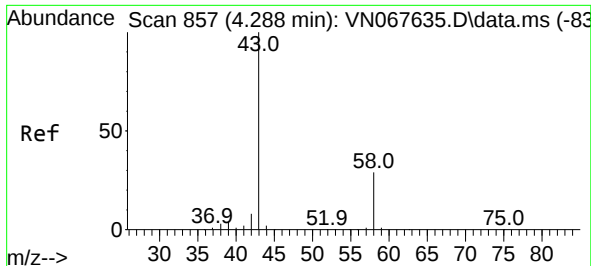
Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 133.2 57.4 86.0#



#15
Acrylonitrile
Concen: 0.302 ug/l
RT: 5.551 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

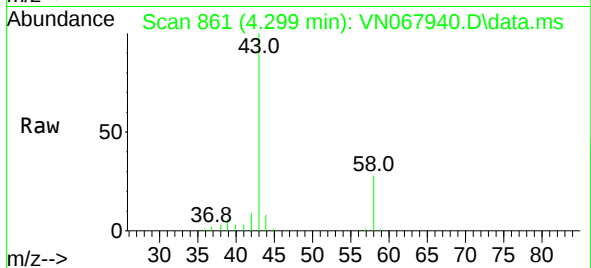
Tgt Ion: 53 Resp: 543
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 42.2 30.2 45.4



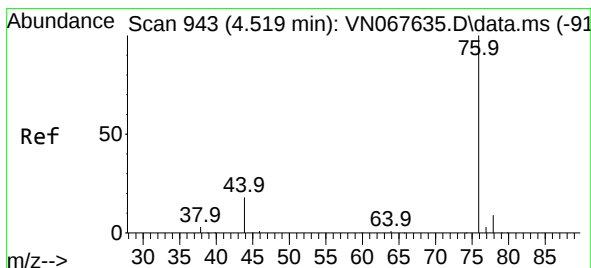
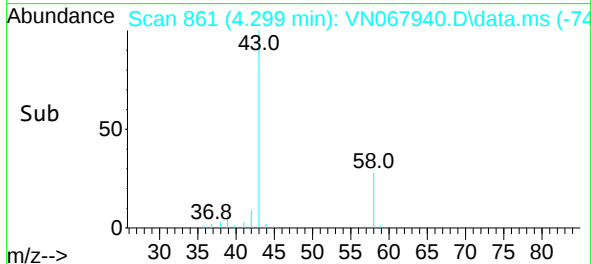
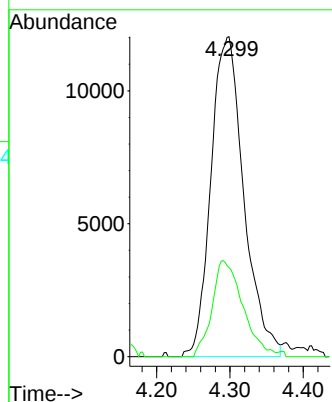


#16
Acetone
Concen: 23.662 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Instrument :
MSVOA_N
ClientSampled :

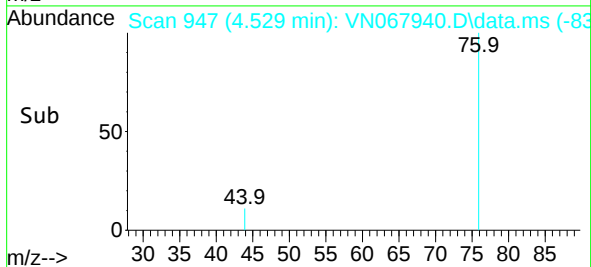
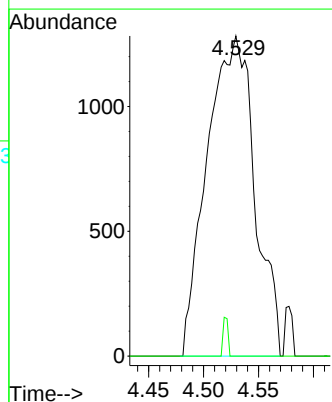
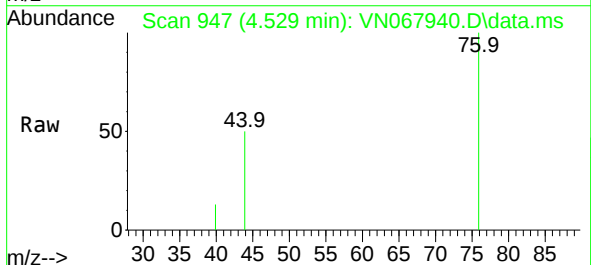


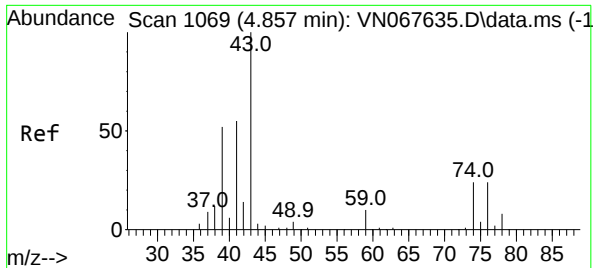
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Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8



#17
Carbon Disulfide
Concen: 0.470 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.010 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 76 Resp: 3864
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#

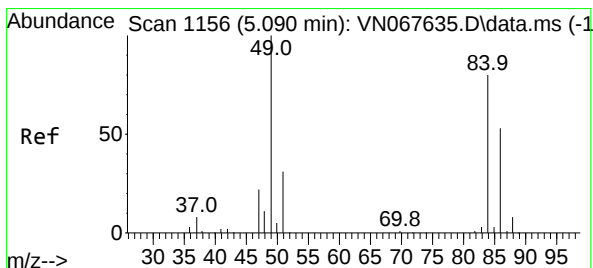
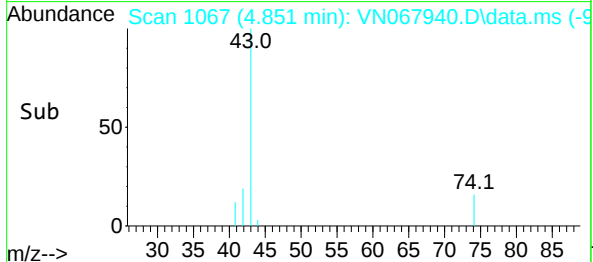
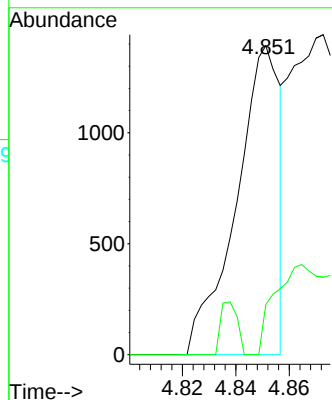
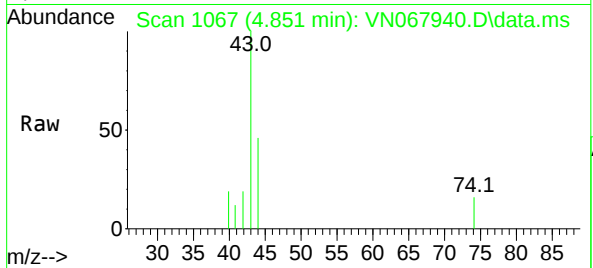




#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

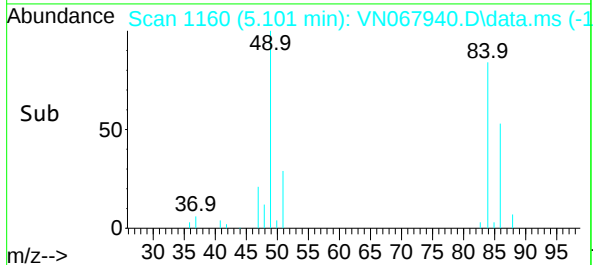
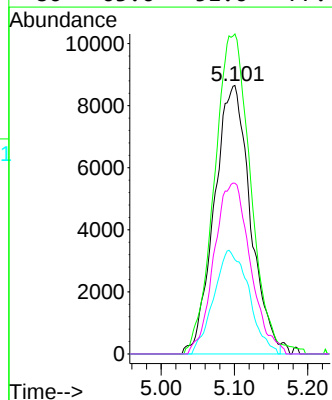
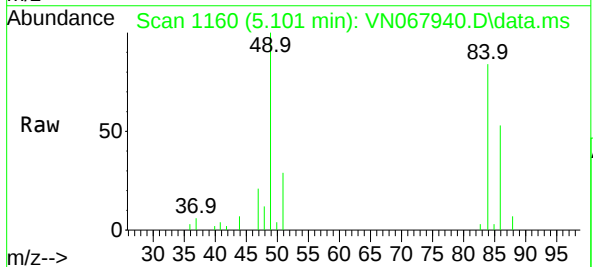
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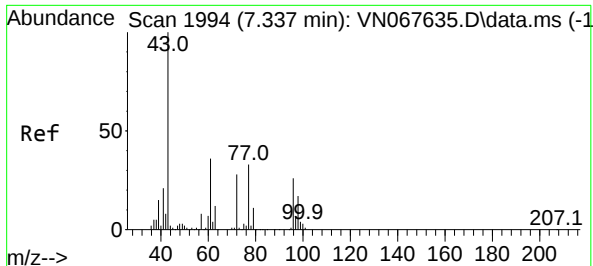
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
74 6.5 17.4 26.0#



#20
Methylene Chloride
Concen: 7.351 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.011 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 84 Resp: 29424
Ion Ratio Lower Upper
84 100
49 119.2 110.9 166.3
51 35.1 32.6 49.0
86 63.6 51.6 77.4

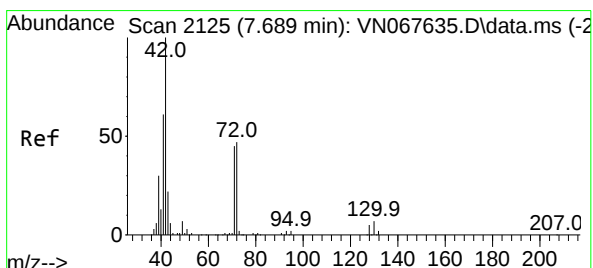
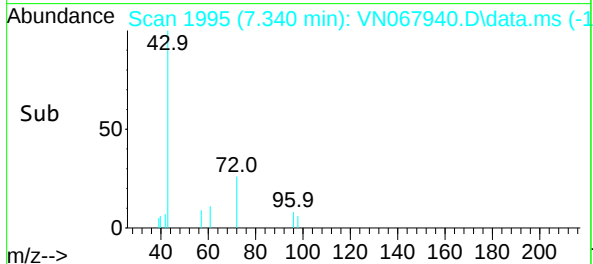
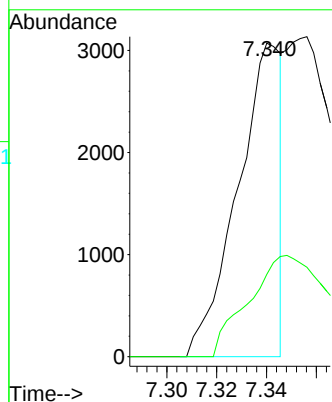
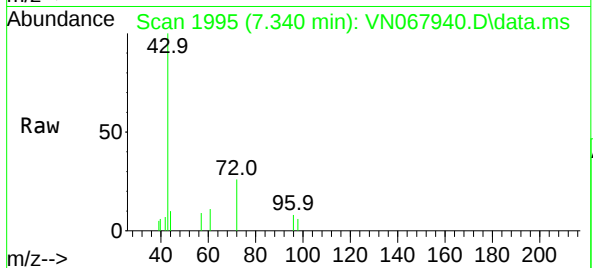




#25
2-Butanone
Concen: 1.407 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

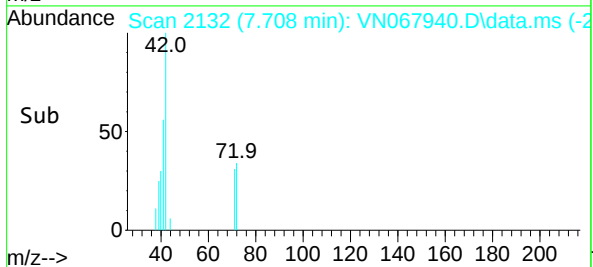
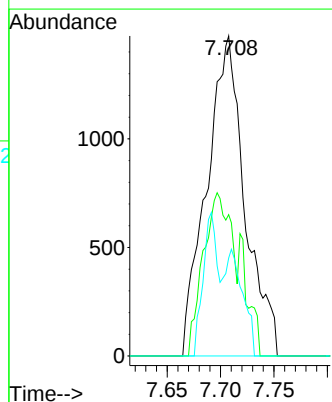
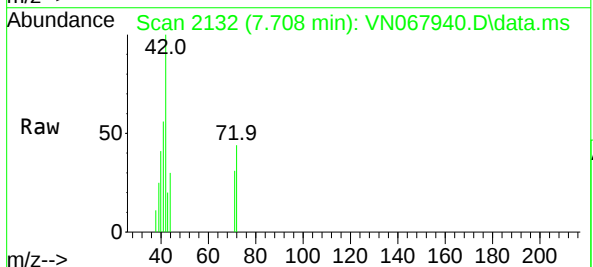
Instrument :
MSVOA_N
ClientSampled :

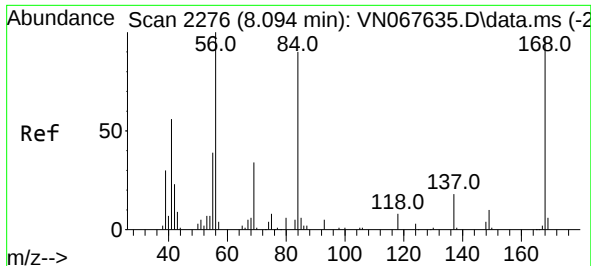
Tgt Ion: 43 Resp: 3708
Ion Ratio Lower Upper
43 100
72 26.2 19.7 29.5



#29
Tetrahydrofuran
Concen: 2.118 ug/l
RT: 7.708 min Scan# 2132
Delta R.T. 0.019 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 42 Resp: 3670
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 14.9 31.2 46.8#

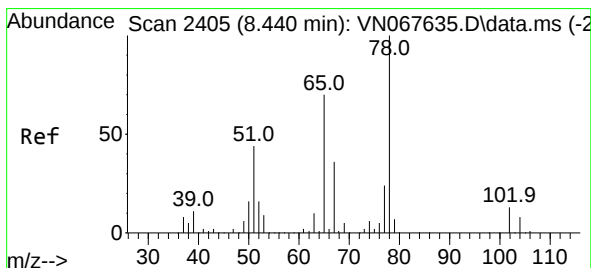
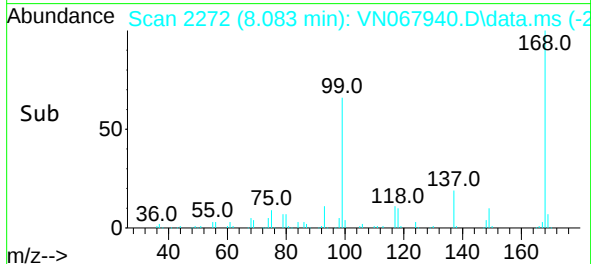
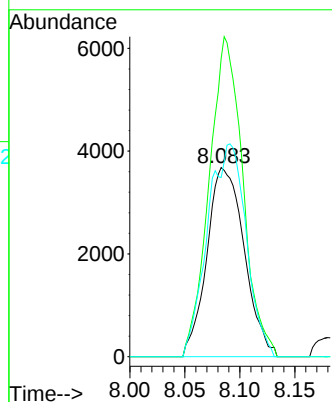
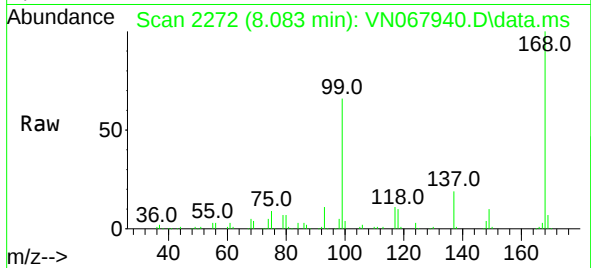




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

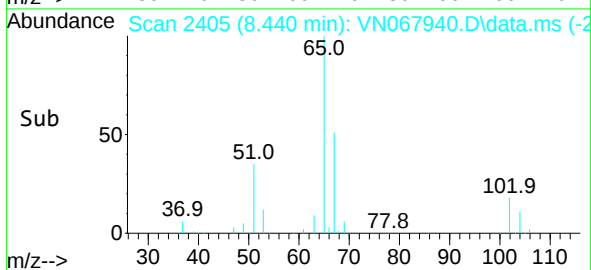
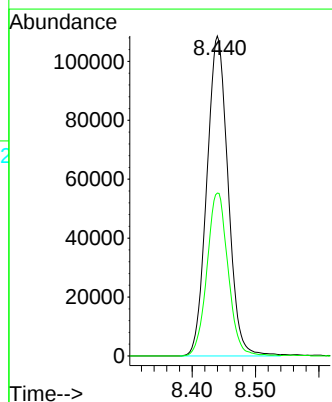
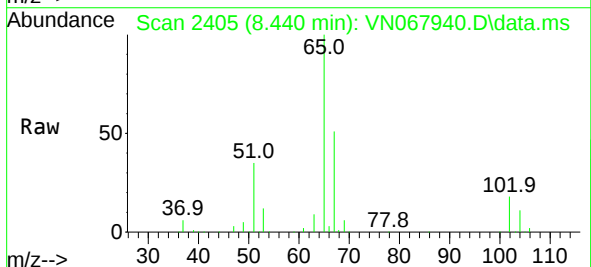
Instrument :
MSVOA_N
ClientSampled :

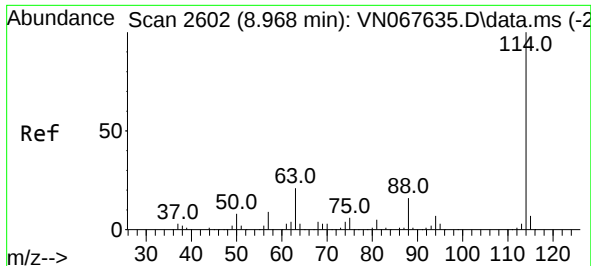
Tgt Ion: 56 Resp: 8690
Ion Ratio Lower Upper
56 100
69 157.8 27.3 40.9#
84 94.8 64.9 97.3



#33
1,2-Dichloroethane-d4
Concen: 50.090 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 65 Resp: 252561
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

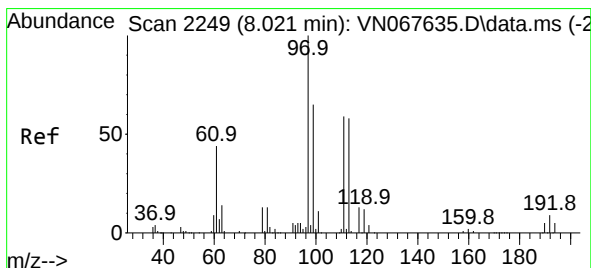
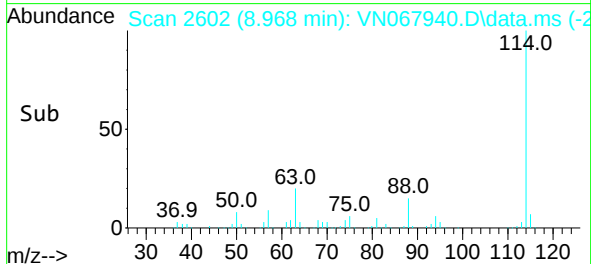
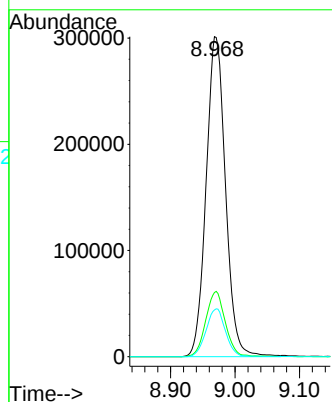
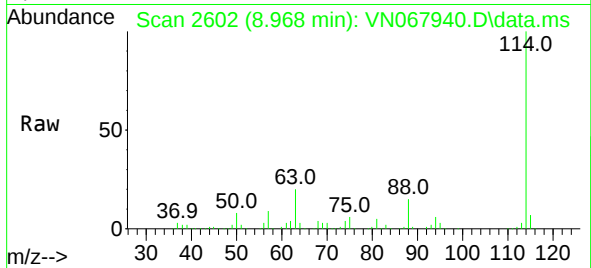




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

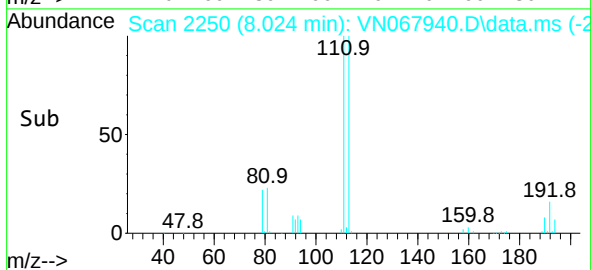
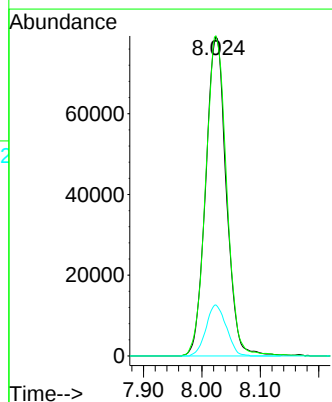
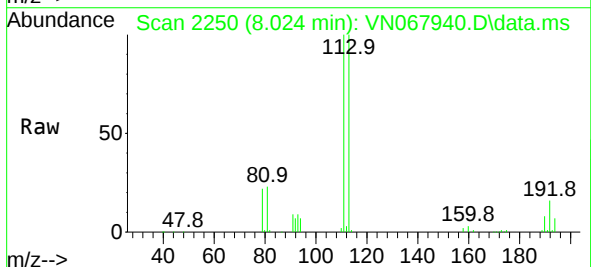
Instrument :
MSVOA_N
ClientSampleId :

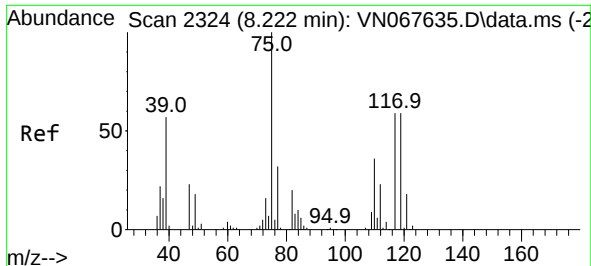
Tgt Ion:114 Resp: 630961
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.689 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:113 Resp: 193234
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.8
192 15.8 13.4 20.0

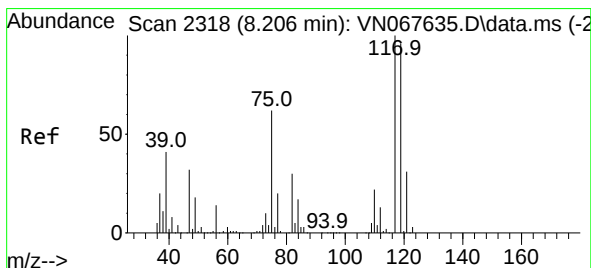
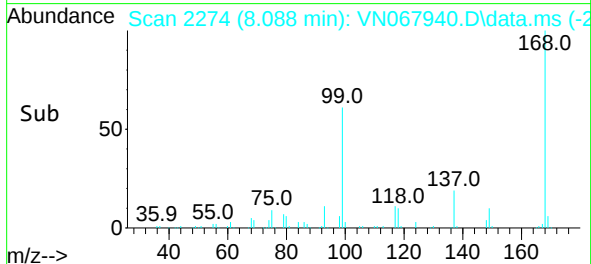
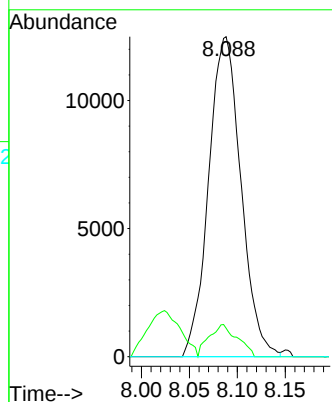
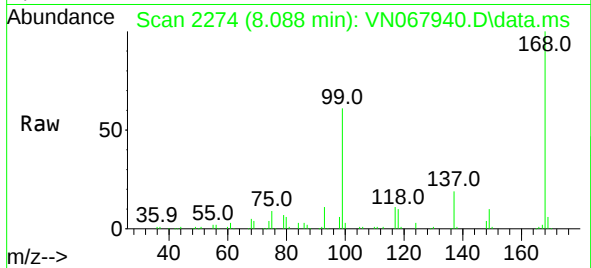




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

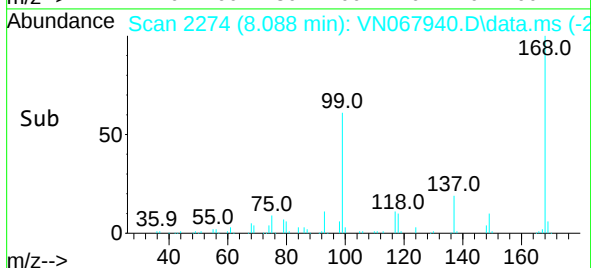
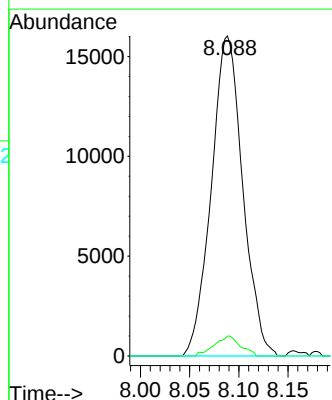
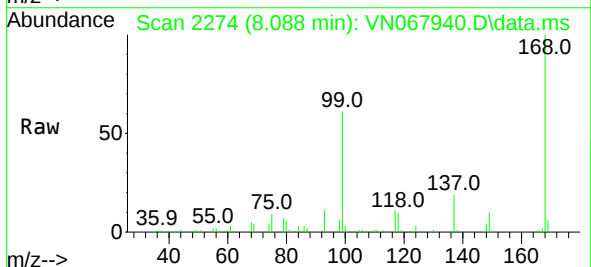
Instrument :
MSVOA_N
ClientSampled :

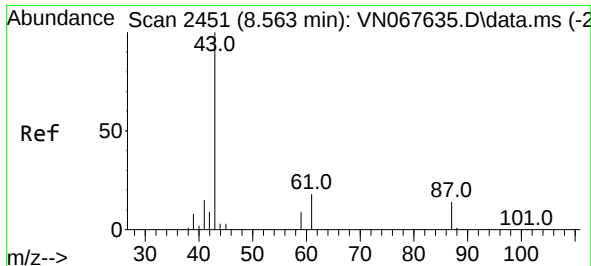
Tgt Ion: 75 Resp: 29311
Ion Ratio Lower Upper
75 100
110 8.8 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 117 Resp: 35665
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 23.5 35.3#

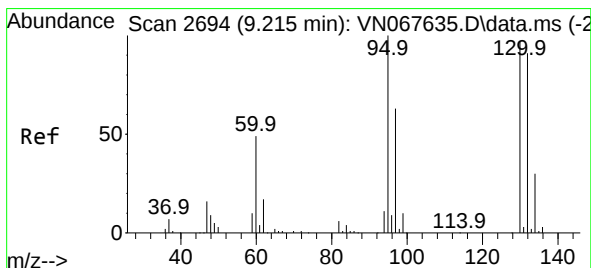
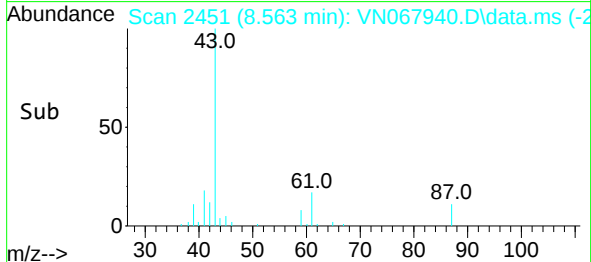
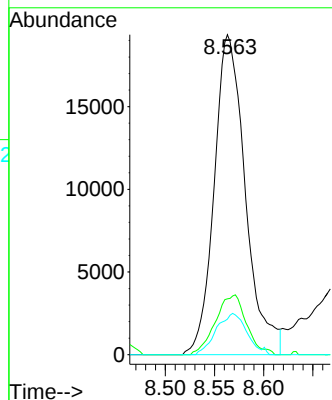
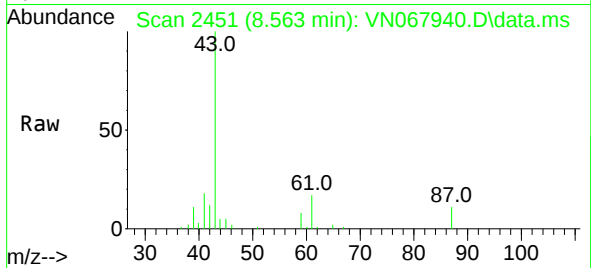




#43
Isopropyl Acetate
Concen: 4.270 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

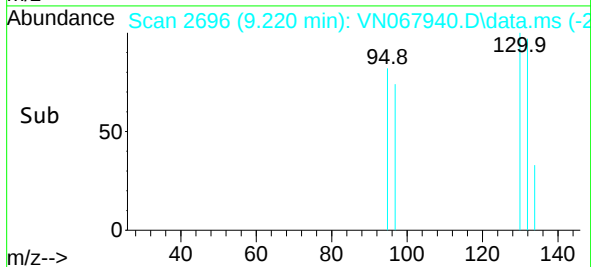
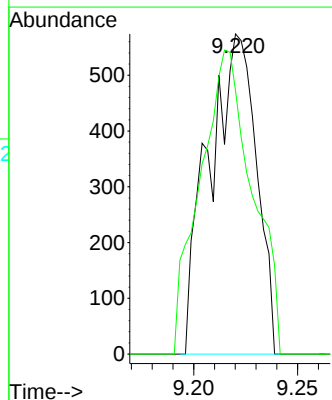
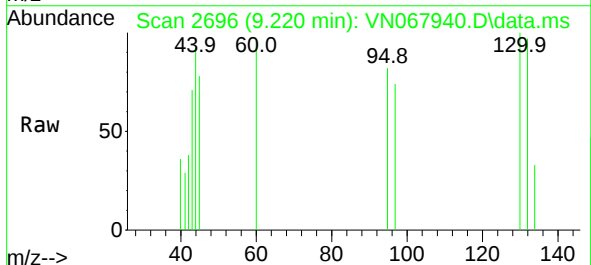
Instrument :
MSVOA_N
ClientSampled :

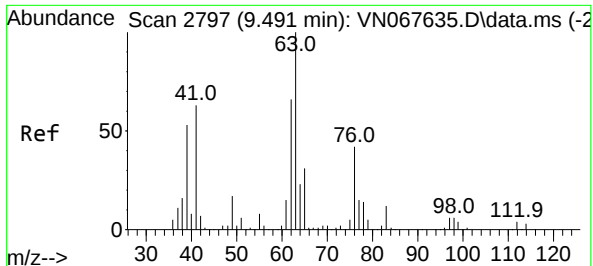
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	19.0	28.4#
87	12.7	9.5	14.3



#44
Trichloroethene
Concen: 0.205 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.005 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.2	0.0	234.4

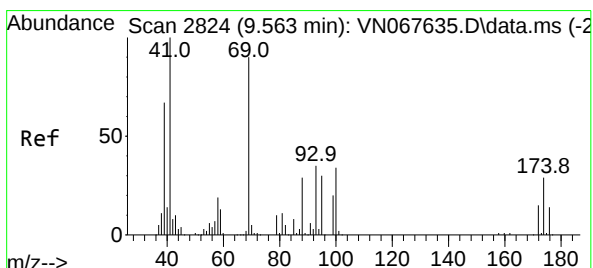
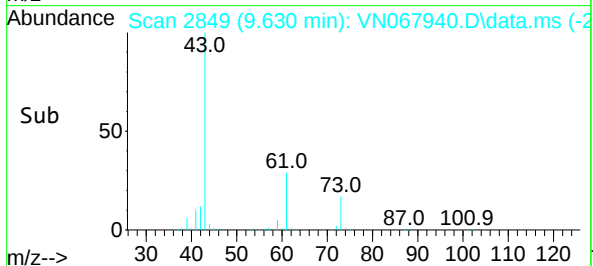
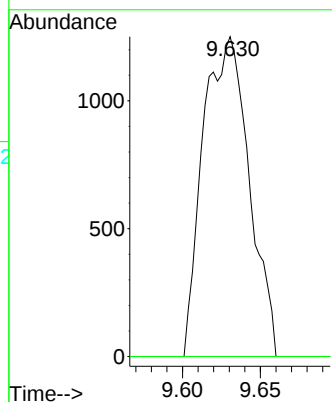
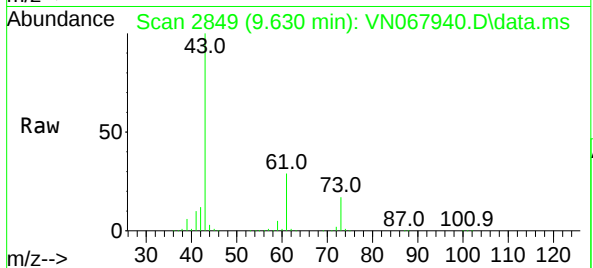




#45
1,2-Dichloropropane
Concen: 0.580 ug/l
RT: 9.630 min Scan# 2849
Delta R.T. 0.139 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

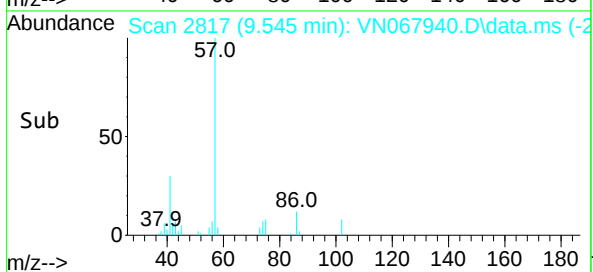
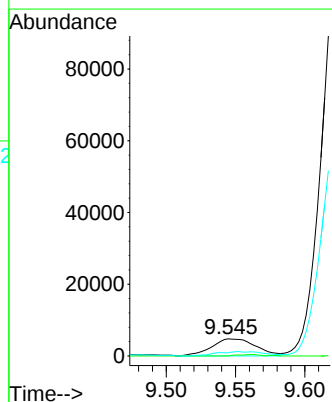
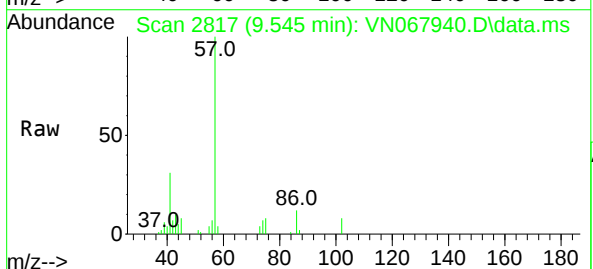
Instrument :
MSVOA_N
ClientSampled :

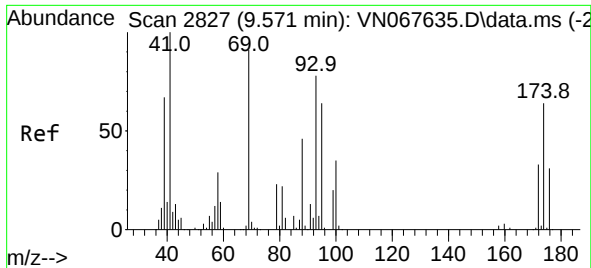
Tgt Ion: 63 Resp: 2575
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#



#48
Methyl methacrylate
Concen: 2.400 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.018 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

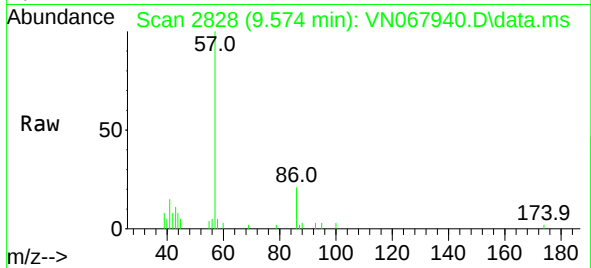
Tgt Ion: 41 Resp: 10605
Ion Ratio Lower Upper
41 100
69 3.8 64.6 96.8#
39 0.0 53.3 79.9#



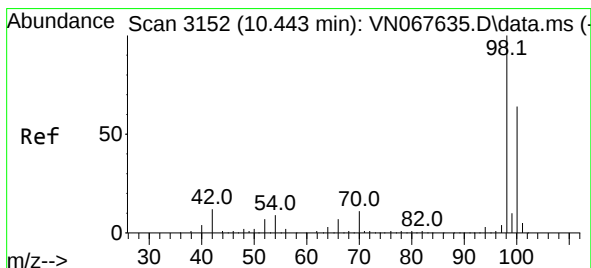
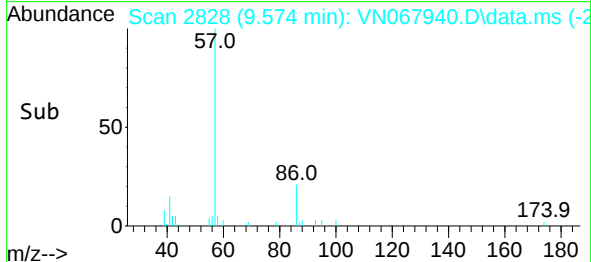
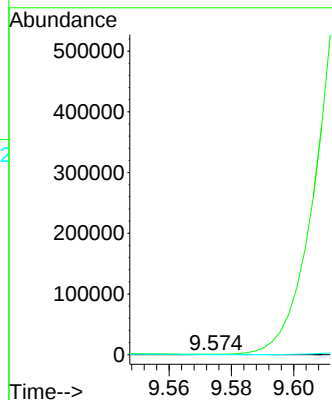


#49
1,4-Dioxane
Concen: 35.359 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Instrument :
MSVOA_N
ClientSampled :

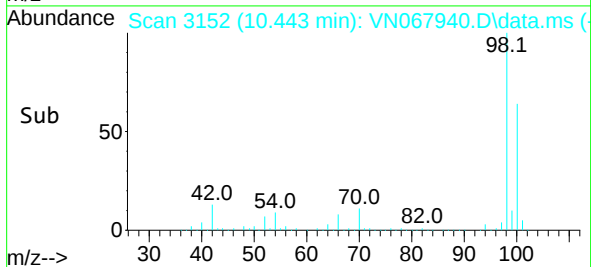
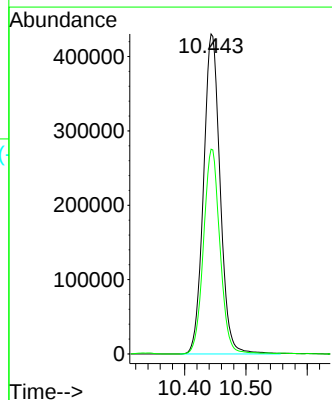
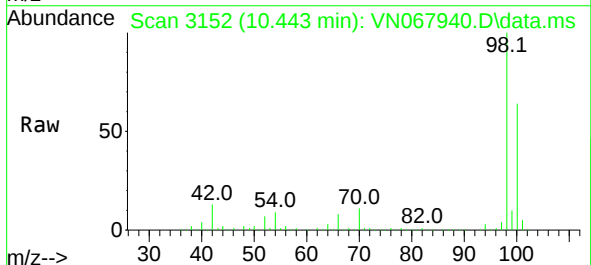


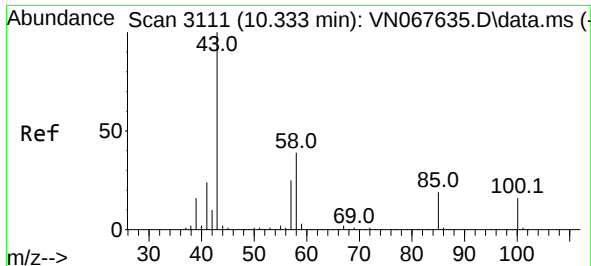
Tgt Ion: 88 Resp: 293
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 98 Resp: 811198
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

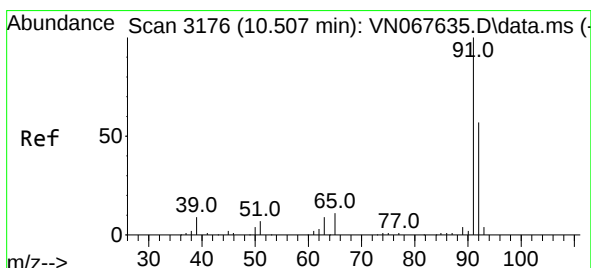
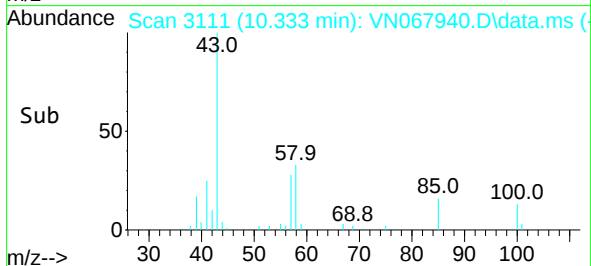
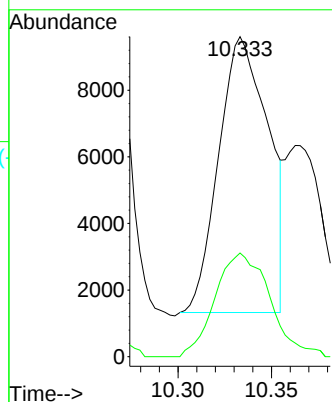
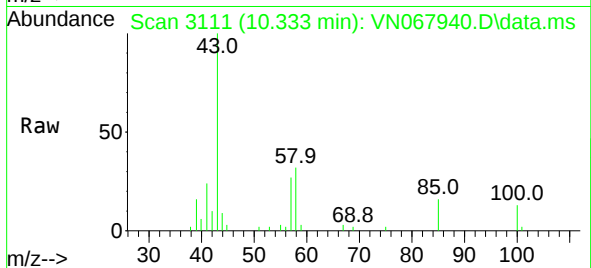




#51
4-Methyl-2-Pentanone
Concen: 2.482 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

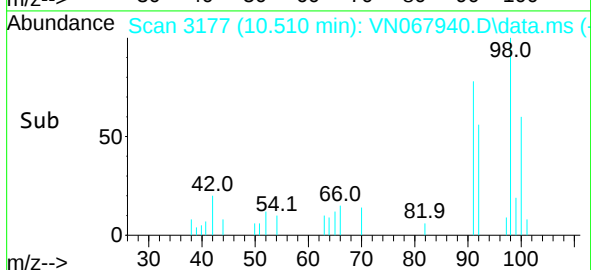
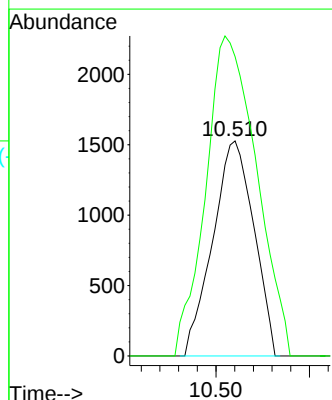
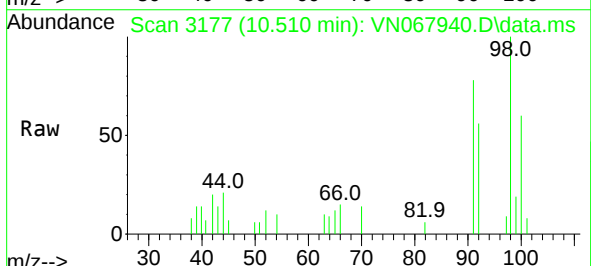
Instrument :
MSVOA_N
ClientSampled :

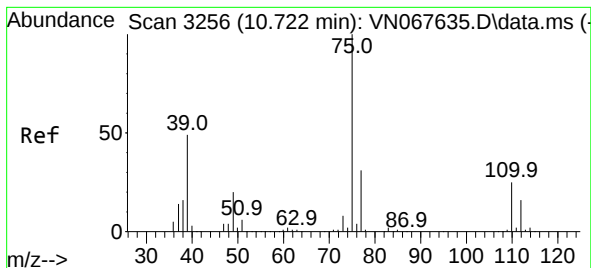
Tgt Ion: 43 Resp: 15231
Ion Ratio Lower Upper
43 100
58 41.6 28.6 43.0



#52
Toluene
Concen: 0.203 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 92 Resp: 2332
Ion Ratio Lower Upper
92 100
91 183.6 139.6 209.4

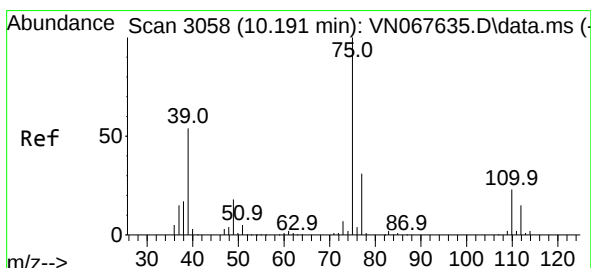
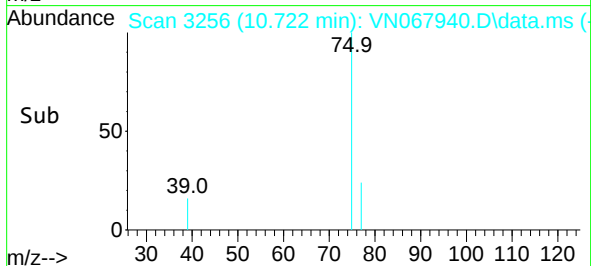
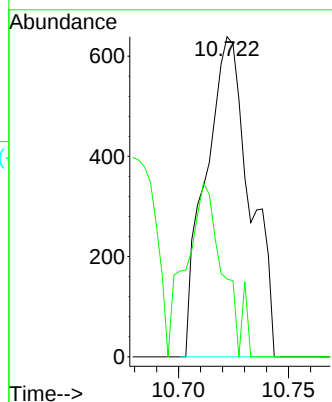
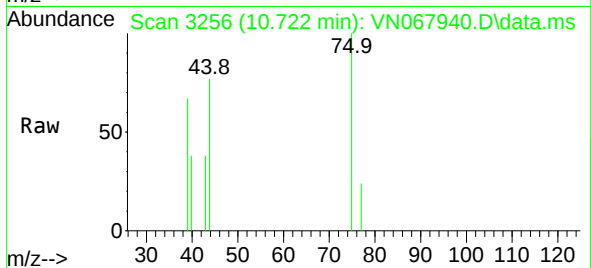




#53
t-1,3-Dichloropropene
Concen: 1.861 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

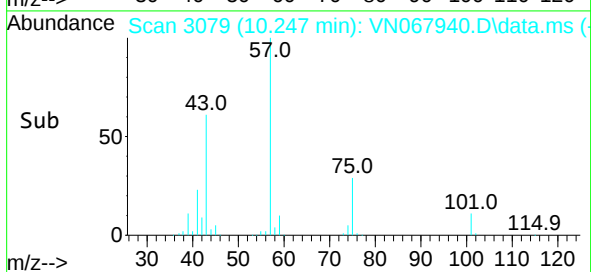
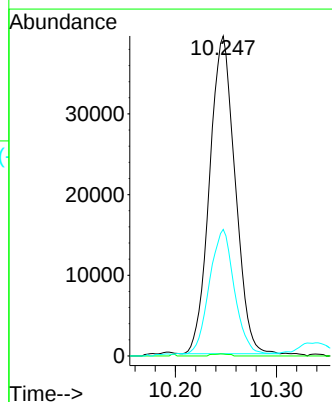
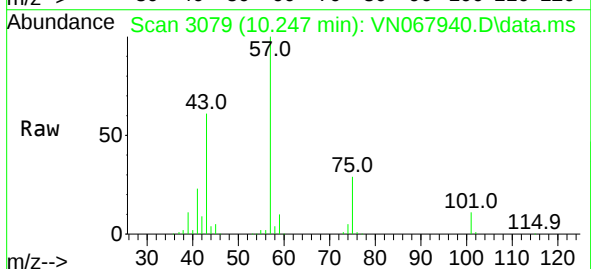
Instrument :
MSVOA_N
ClientSampled :

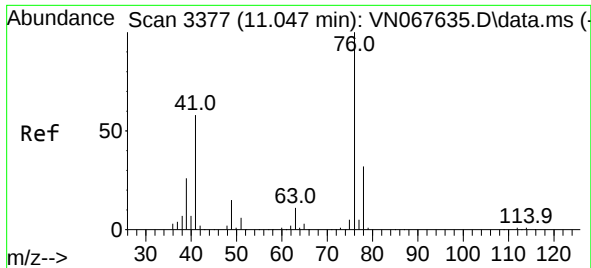
Tgt Ion: 75 Resp: 890
Ion Ratio Lower Upper
75 100
77 24.3 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 10.073 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 75 Resp: 69024
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 39.1 50.7 76.1#

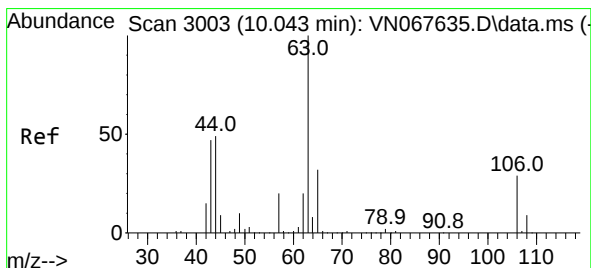
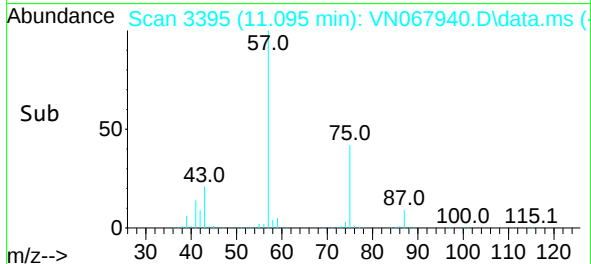
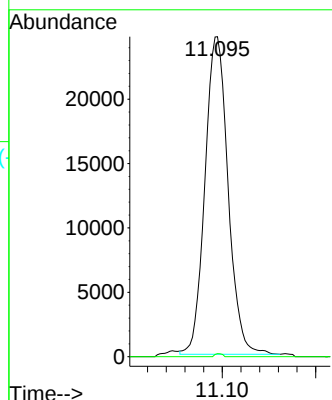
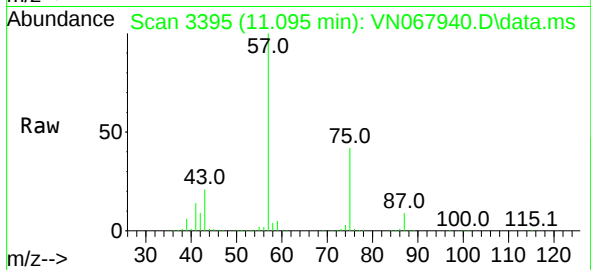




#57
1,3-Dichloropropane
Concen: 5.622 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.048 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

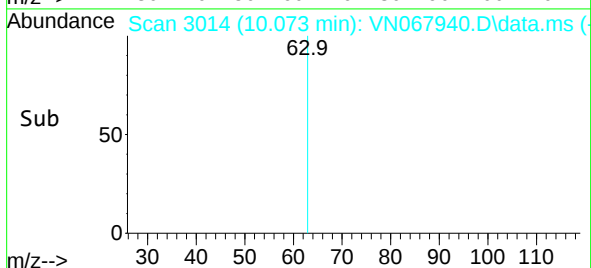
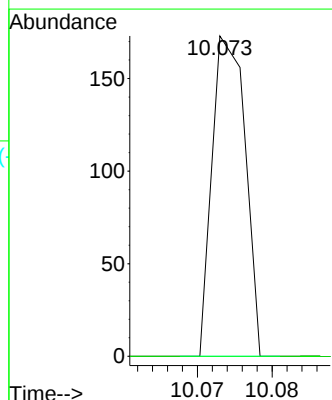
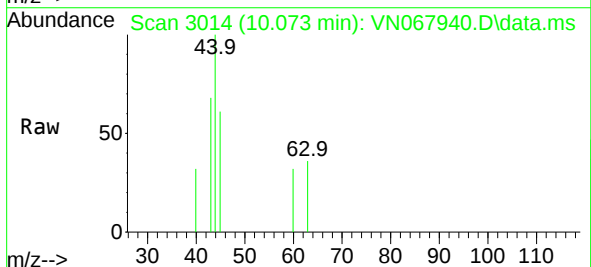
Instrument :
MSVOA_N
ClientSampled :

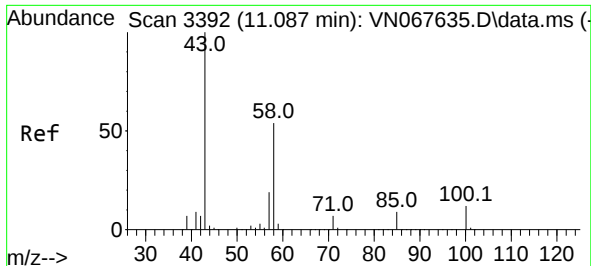
Tgt Ion: 76 Resp: 42460
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 17.041 ug/l
RT: 10.073 min Scan# 3014
Delta R.T. 0.030 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 19.8 29.8#

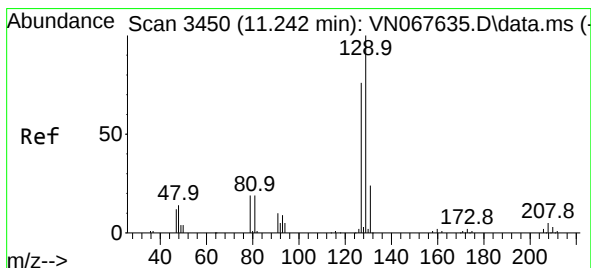
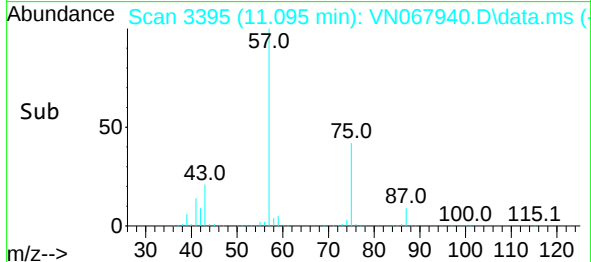
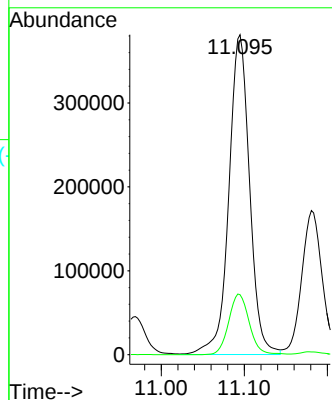
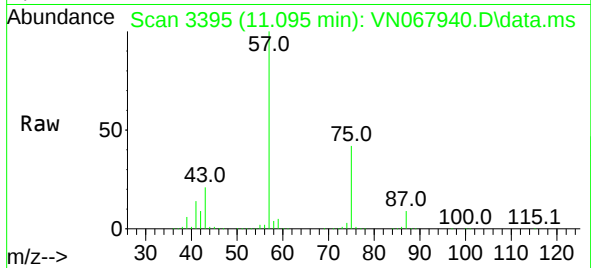




#59
2-Hexanone
Concen: 154.240 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

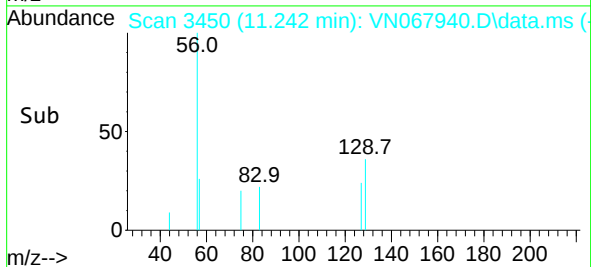
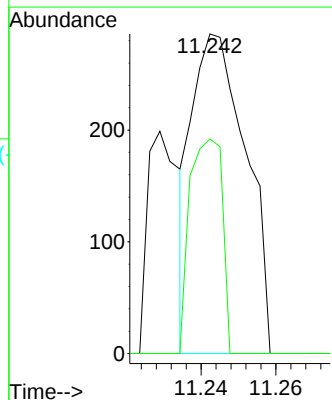
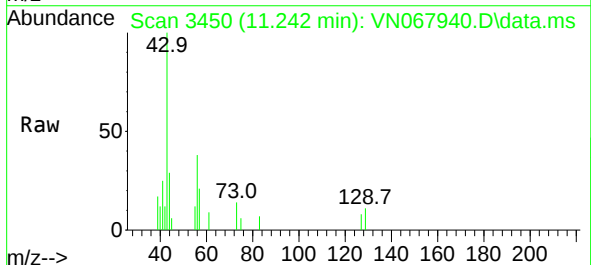
Instrument :
MSVOA_N
ClientSampled :

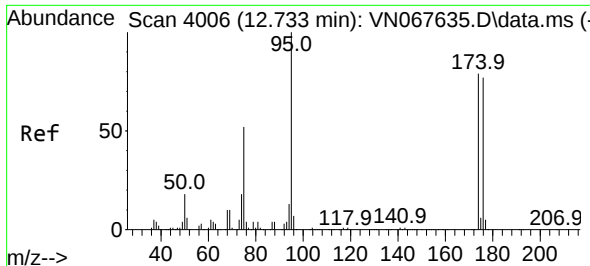
Tgt Ion: 43 Resp: 660717
Ion Ratio Lower Upper
43 100
58 18.9 24.7 74.1#



#60
Dibromochloromethane
Concen: 2.407 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

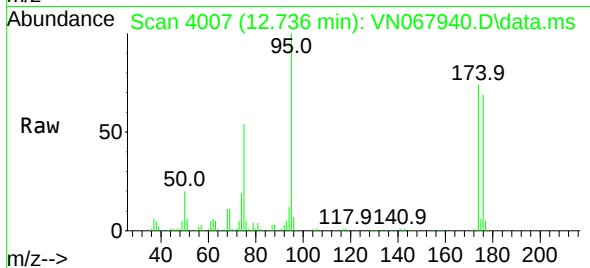
Tgt Ion:129 Resp: 287
Ion Ratio Lower Upper
129 100
127 40.4 38.6 115.8



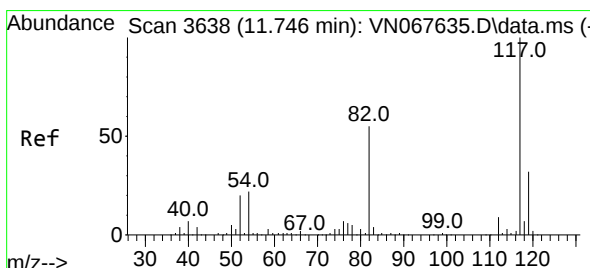
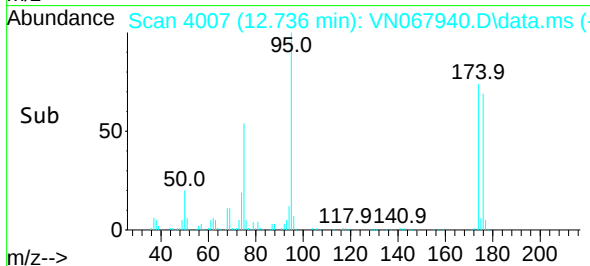
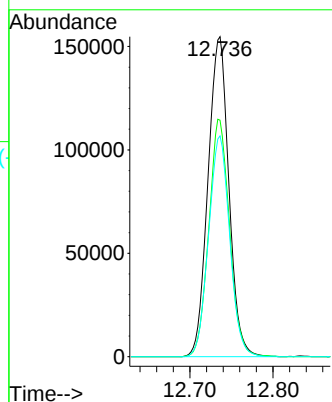


#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Instrument :
MSVOA_N
ClientSampleId :

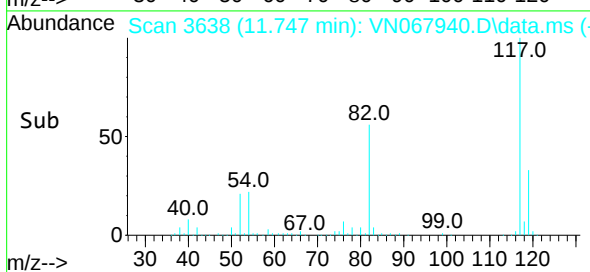
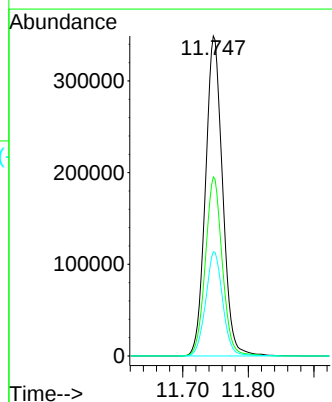
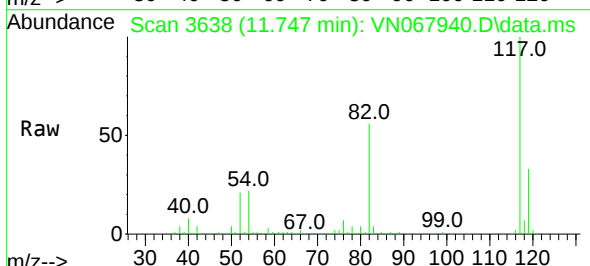


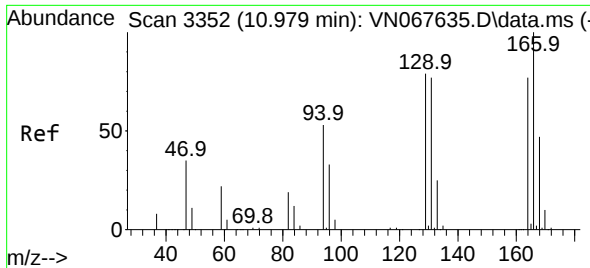
Tgt Ion: 95 Resp: 269357
Ion Ratio Lower Upper
95 100
174 73.9 0.0 122.0
176 69.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 117 Resp: 631367
Ion Ratio Lower Upper
117 100
82 56.0 53.1 79.7
119 32.6 25.5 38.3

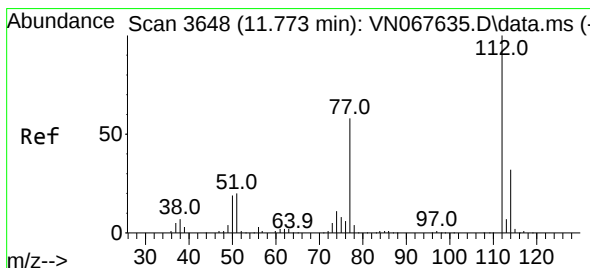
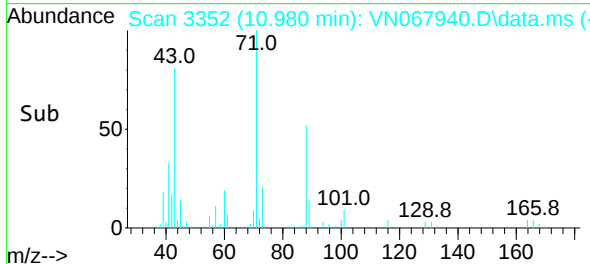
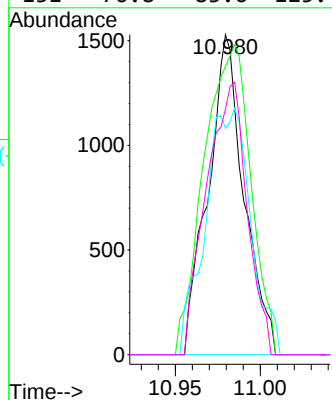
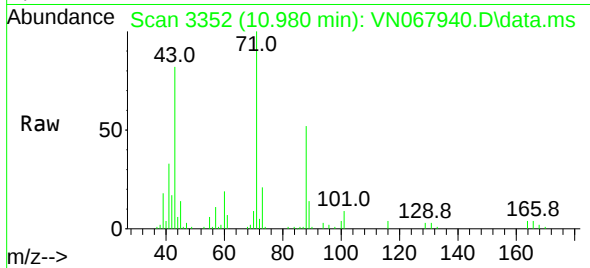




#64
Tetrachloroethene
Concen: 0.504 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

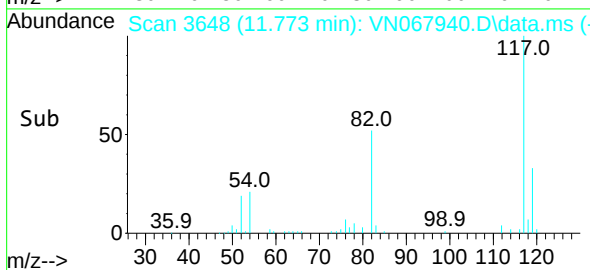
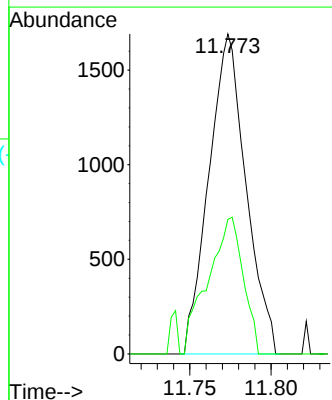
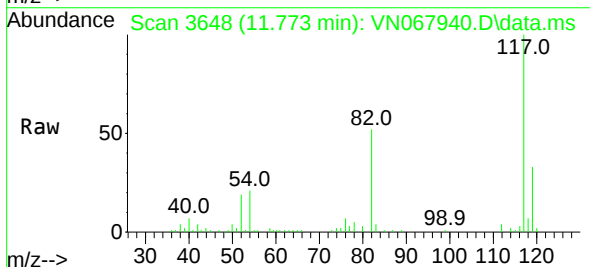
Instrument :
MSVOA_N
ClientSampled :

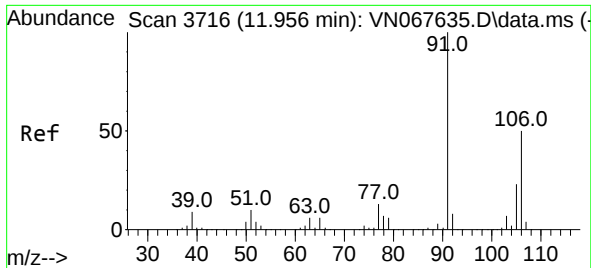
Tgt Ion:164 Resp: 2244
Ion Ratio Lower Upper
164 100
166 90.1 102.1 153.1#
129 70.7 86.9 130.3#
131 76.8 83.6 125.4#



#65
Chlorobenzene
Concen: 0.207 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:112 Resp: 2685
Ion Ratio Lower Upper
112 100
114 42.0 24.6 37.0#

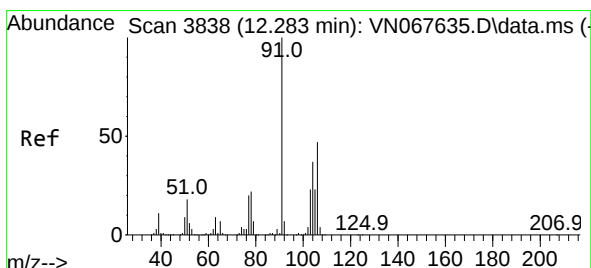
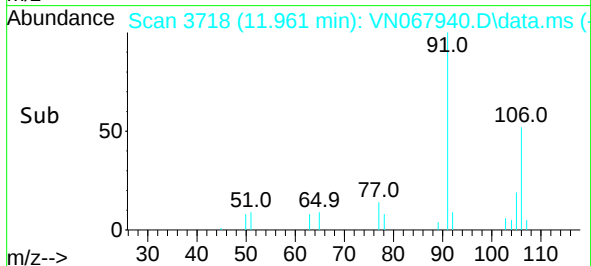
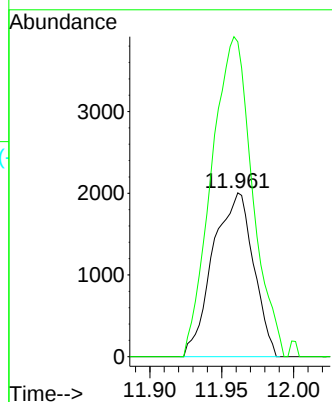
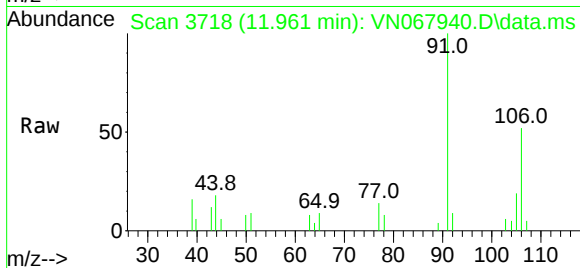




#68
m/p-Xylenes
Concen: 0.441 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

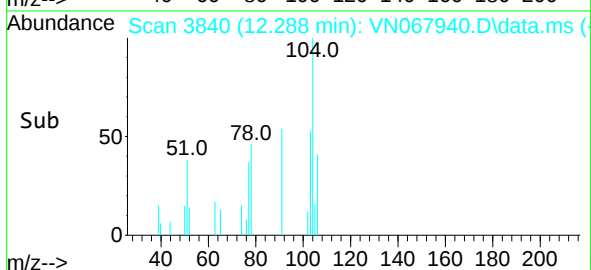
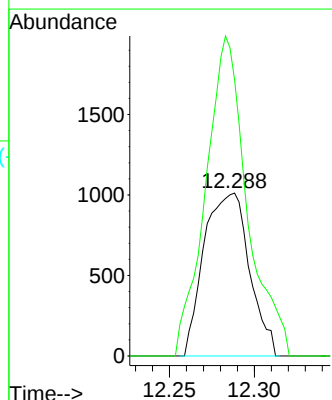
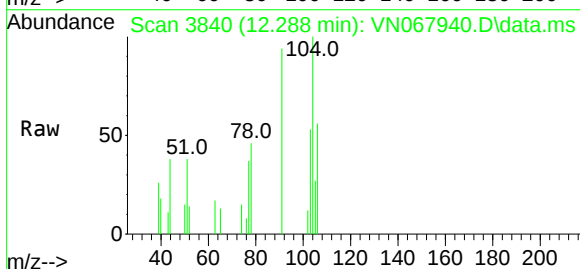
Instrument :
MSVOA_N
ClientSampled :

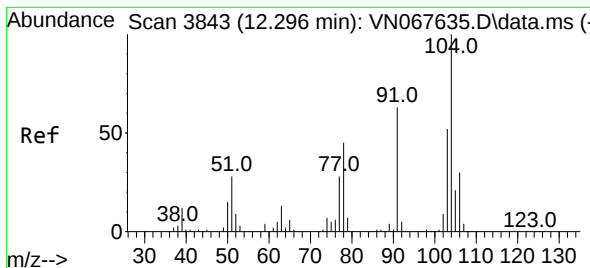
Tgt Ion:106 Resp: 3935
Ion Ratio Lower Upper
106 100
91 196.9 180.6 270.8



#69
o-Xylene
Concen: 0.214 ug/l
RT: 12.288 min Scan# 3840
Delta R.T. 0.005 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:106 Resp: 1881
Ion Ratio Lower Upper
106 100
91 179.2 118.3 354.9





#70

Styrene

Concen: 0.279 ug/l

RT: 12.296 min Scan# 3843

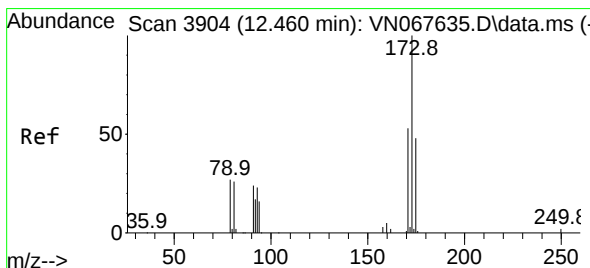
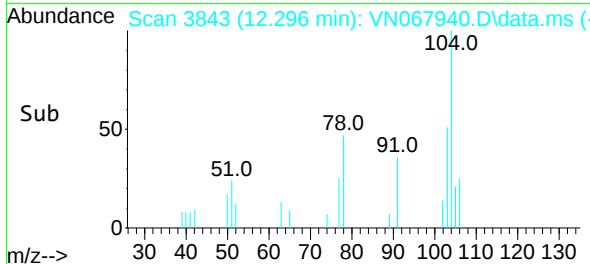
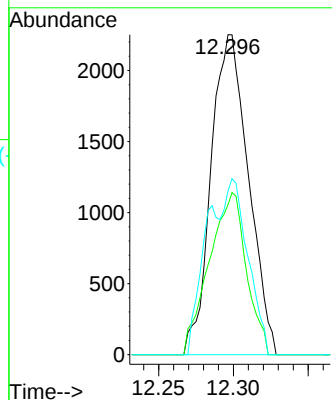
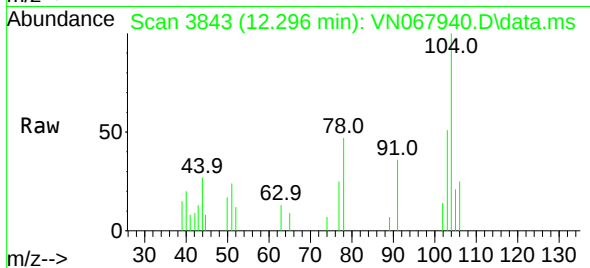
Delta R.T. 0.000 min

Lab File: VN067940.D

Acq: 27 Jul 2021 20:03

Tgt Ion:	104	Resp:	3916
Ion Ratio	Lower	Upper	
104	100		
78	50.4	48.2	72.2
103	31.0	44.5	66.7#

Instrument :
MSVOA_N
ClientSampled :



#71

Bromoform

Concen: 3.266 ug/l

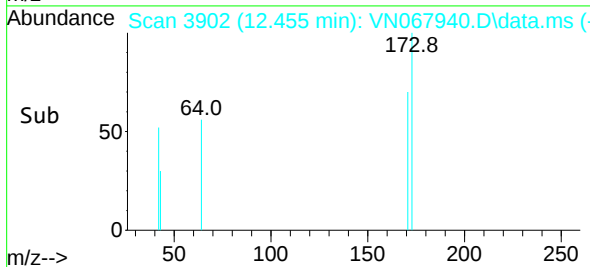
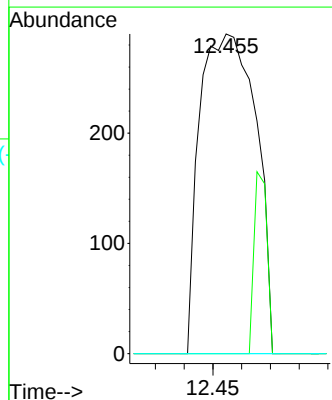
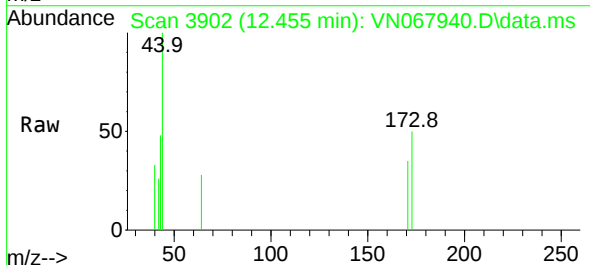
RT: 12.455 min Scan# 3902

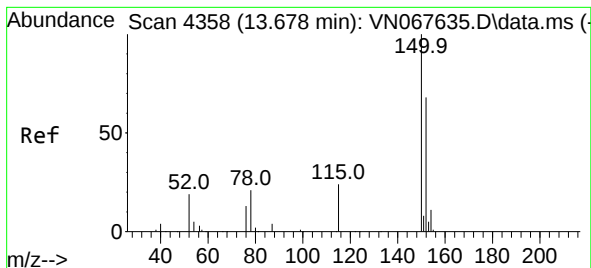
Delta R.T. -0.005 min

Lab File: VN067940.D

Acq: 27 Jul 2021 20:03

Tgt Ion:	173	Resp:	392
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.9	71.8#
254	0.0	0.0	0.0

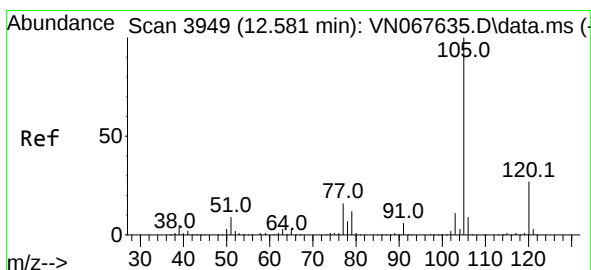
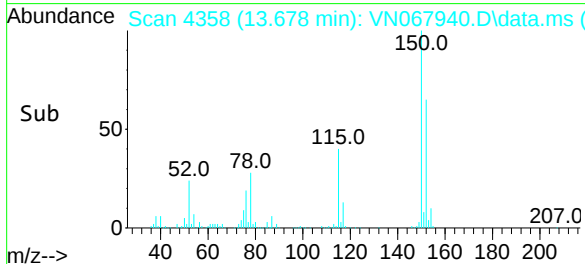
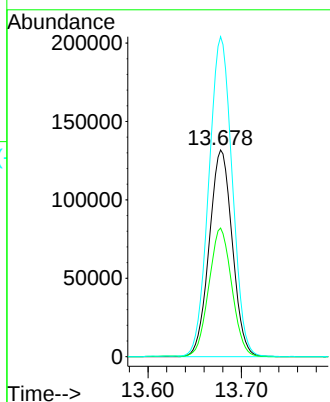
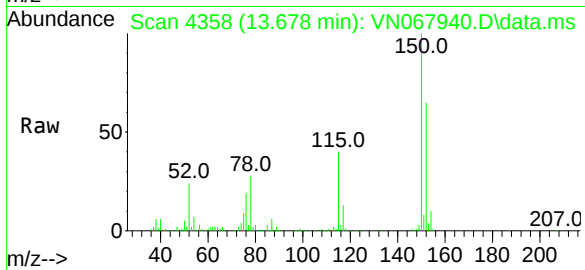




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

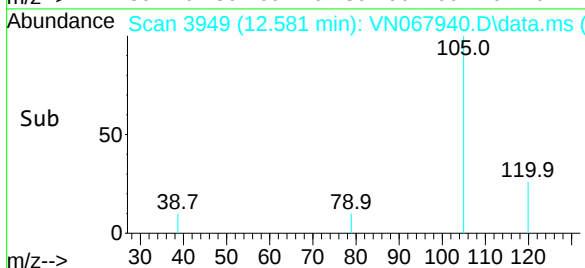
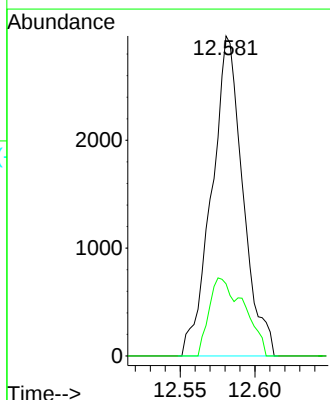
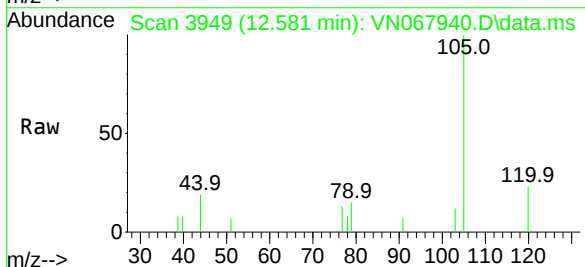
Instrument :
MSVOA_N
ClientSampleId :

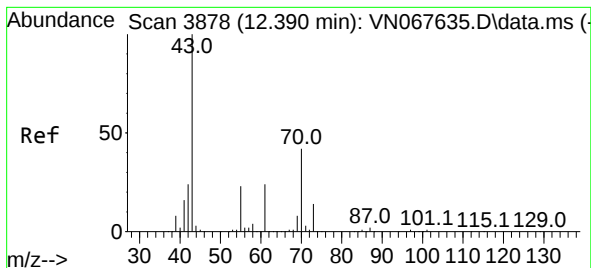
Tgt Ion:152 Resp: 226172
Ion Ratio Lower Upper
152 100
115 61.9 36.1 108.5
150 157.4 0.0 351.8



#73
Isopropylbenzene
Concen: 0.236 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

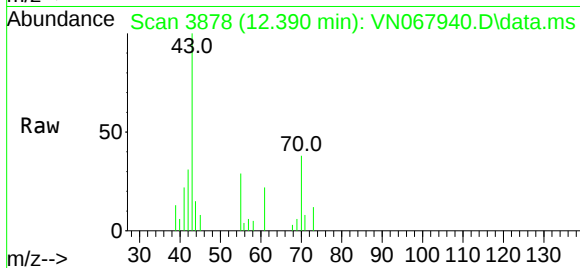
Tgt Ion:105 Resp: 4300
Ion Ratio Lower Upper
105 100
120 27.3 12.5 37.5



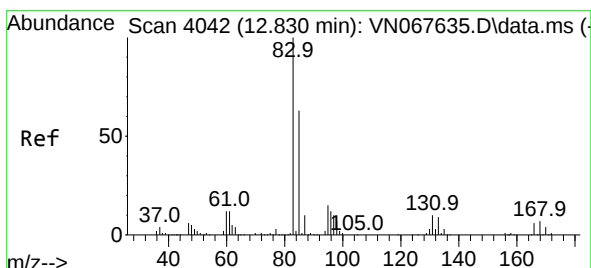
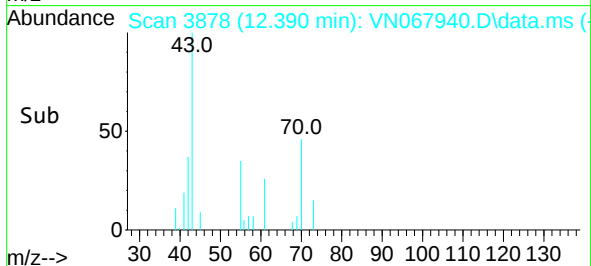
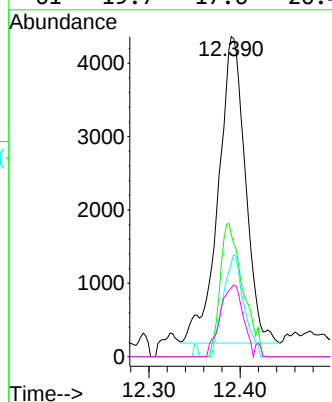


#74
N-amy1 acetate
Concen: 1.300 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

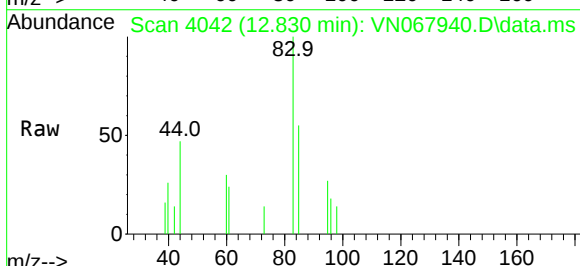
Instrument :
MSVOA_N
ClientSampled :



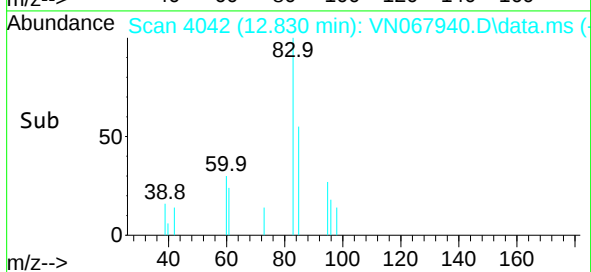
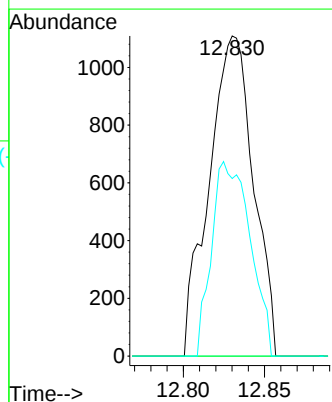
Tgt Ion:	43	Resp:	8609
Ion	Ratio	Lower	Upper
43	100		
70	36.4	29.4	44.2
55	25.6	17.0	25.4#
61	19.7	17.6	26.4

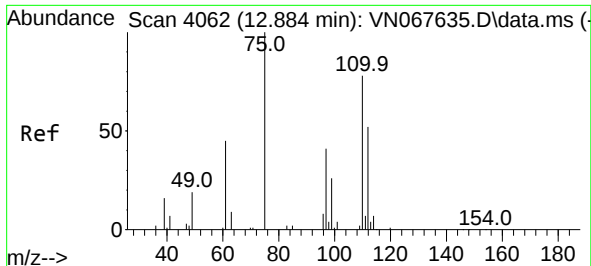


#75
1,1,2,2-Tetrachloroethane
Concen: 0.399 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03



Tgt Ion:	83	Resp:	2111
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	52.5	32.2	96.6

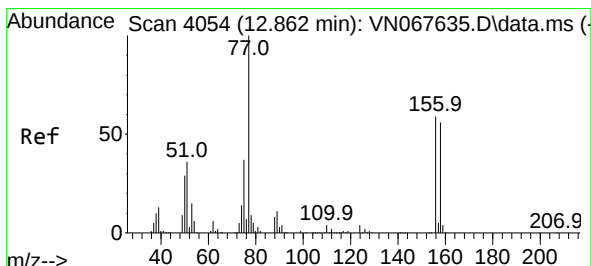
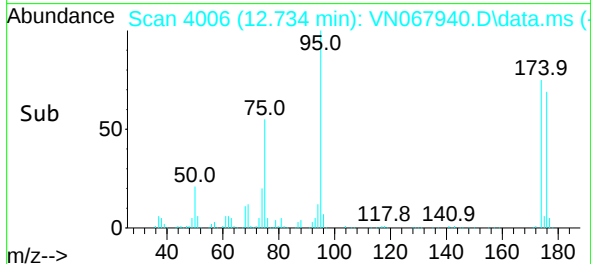
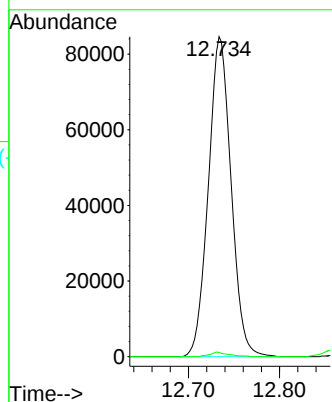
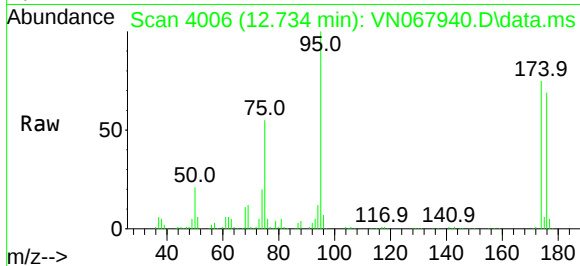




#76
1,2,3-Trichloropropane
Concen: 31.716 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

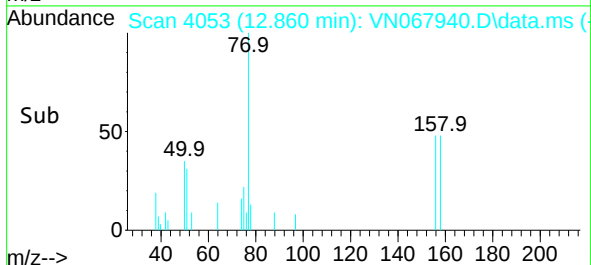
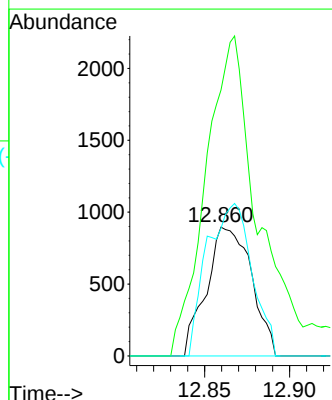
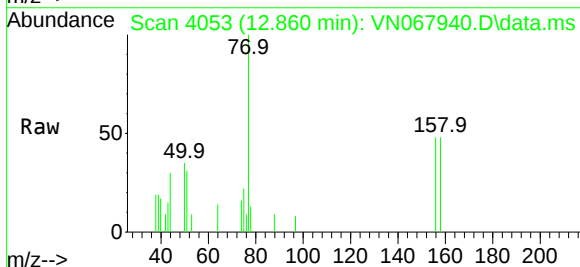
Instrument :
MSVOA_N
ClientSampleId :

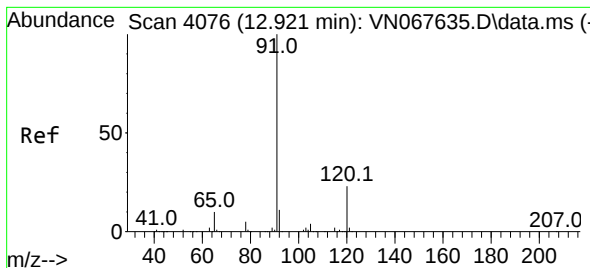
Tgt Ion: 75 Resp: 146490
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#77
Bromobenzene
Concen: 0.409 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:156 Resp: 1653
Ion Ratio Lower Upper
156 100
77 284.8 136.2 408.6
158 118.3 48.4 145.3

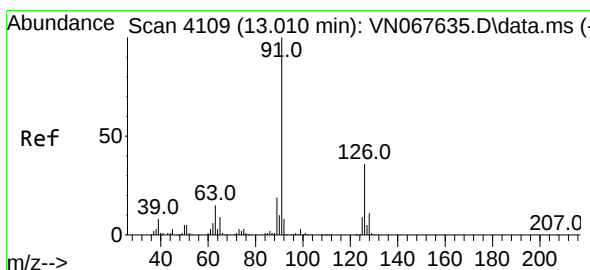
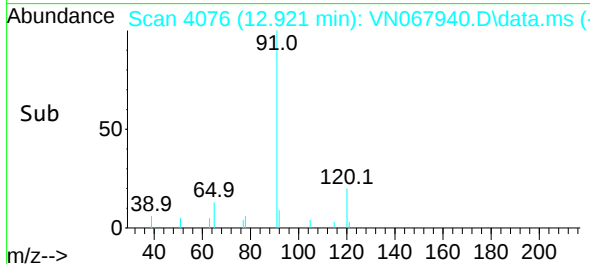
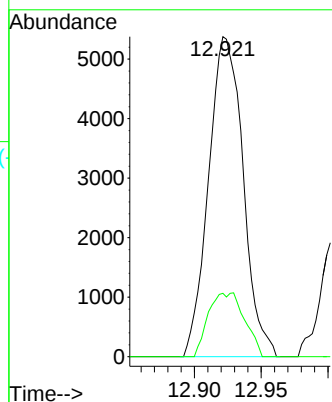
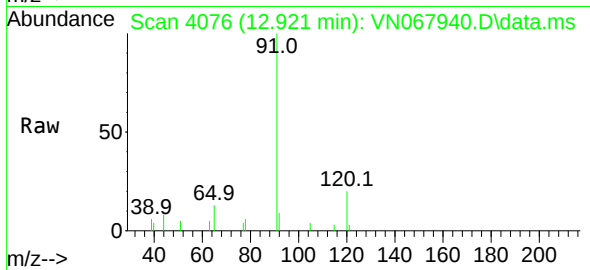




#78
n-propylbenzene
Concen: 0.469 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

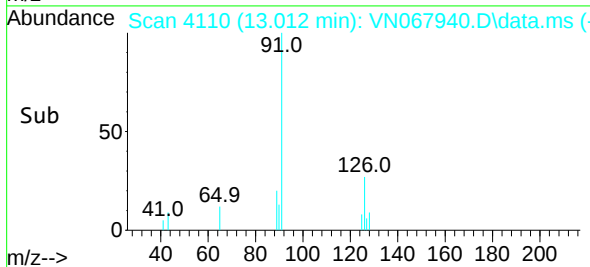
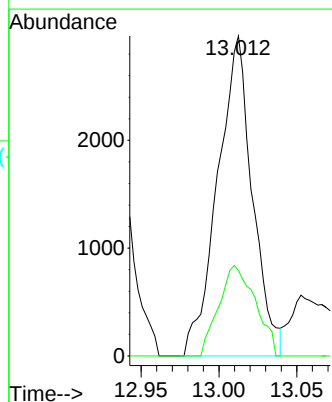
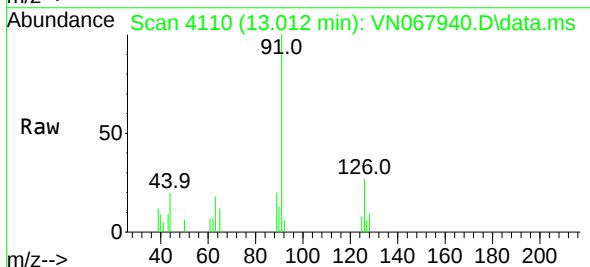
Instrument :
MSVOA_N
ClientSampled :

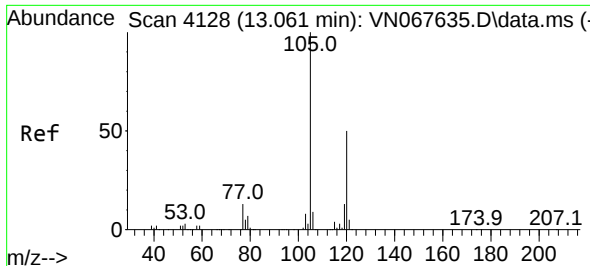
Tgt Ion: 91 Resp: 9675
Ion Ratio Lower Upper
91 100
120 11.2 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.370 ug/l
RT: 13.012 min Scan# 4110
Delta R.T. 0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 91 Resp: 4608
Ion Ratio Lower Upper
91 100
126 29.7 14.5 43.5

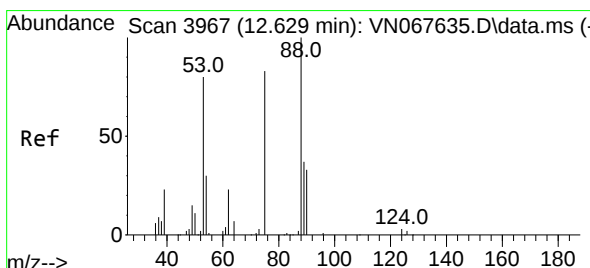
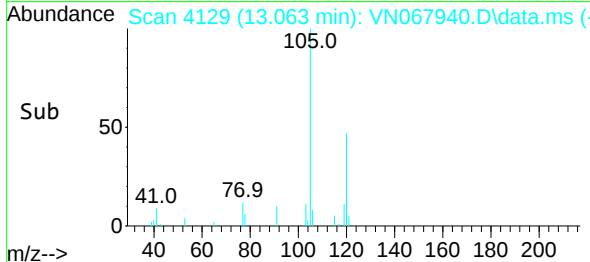
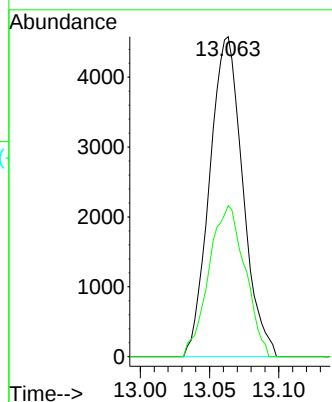
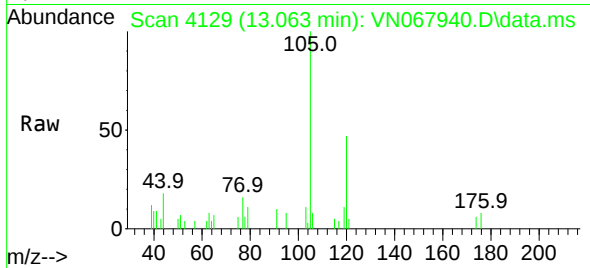




#80
 1,3,5-Trimethylbenzene
 Concen: 0.516 ug/l
 RT: 13.063 min Scan# 4129
 Delta R.T. 0.002 min
 Lab File: VN067940.D
 Acq: 27 Jul 2021 20:03

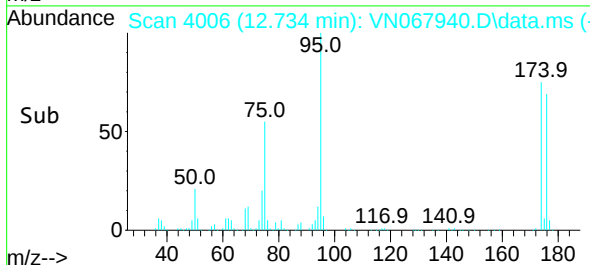
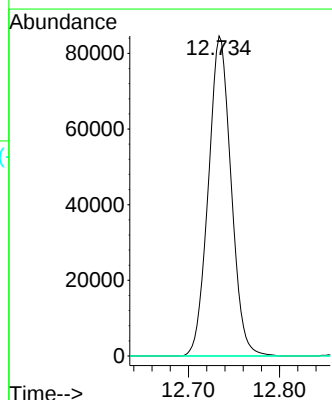
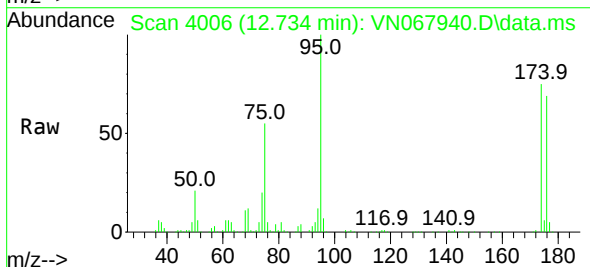
Instrument :
 MSVOA_N
 ClientSampled :

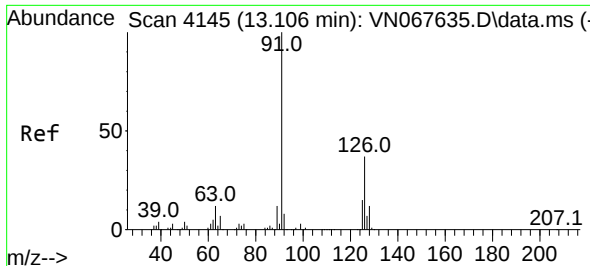
Tgt Ion:105 Resp: 7630
 Ion Ratio Lower Upper
 105 100
 120 51.4 22.2 66.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.255 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.105 min
 Lab File: VN067940.D
 Acq: 27 Jul 2021 20:03

Tgt Ion: 75 Resp: 146490
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.6 131.4#
 89 0.0 37.8 56.8#

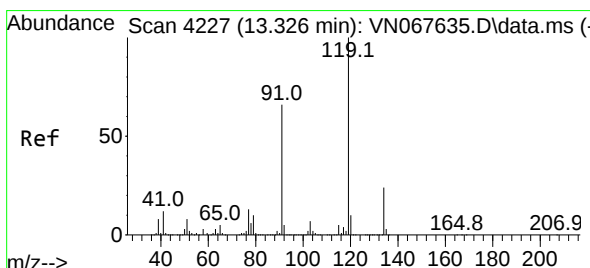
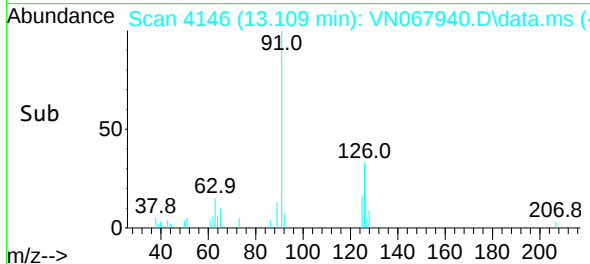
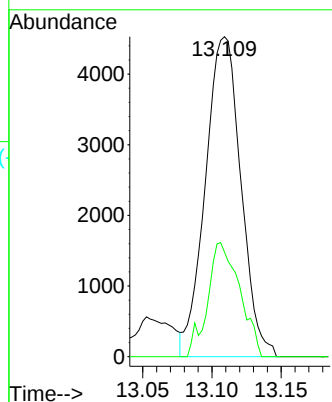
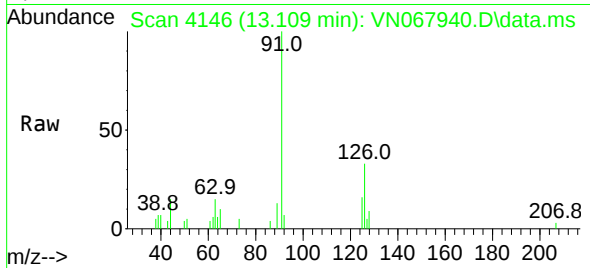




#82
4-Chlorotoluene
Concen: 0.656 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

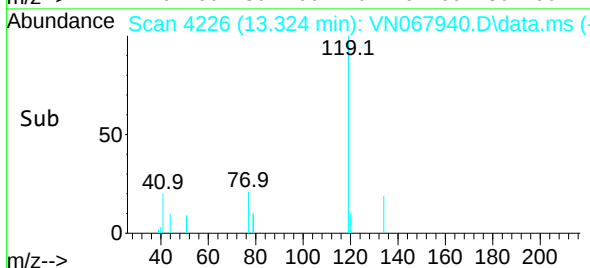
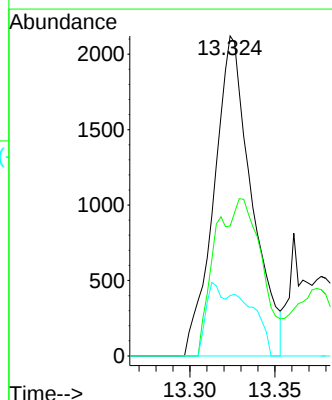
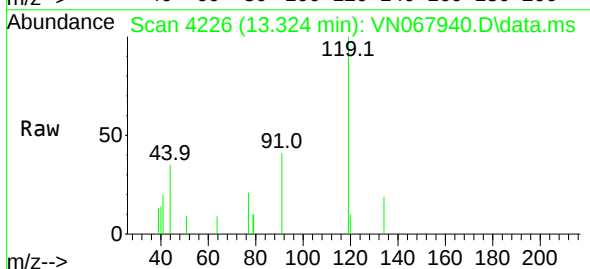
Instrument :
MSVOA_N
ClientSampled :

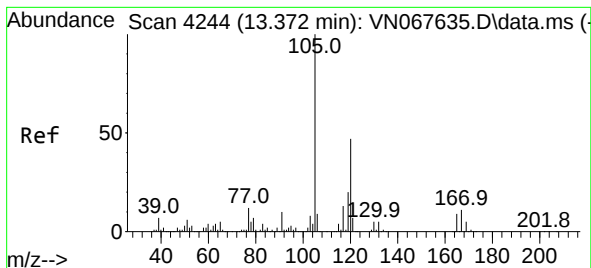
Tgt Ion: 91 Resp: 8091
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.259 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion: 119 Resp: 3261
Ion Ratio Lower Upper
119 100
91 19.5 39.5 118.5#
134 11.0 12.0 36.0#

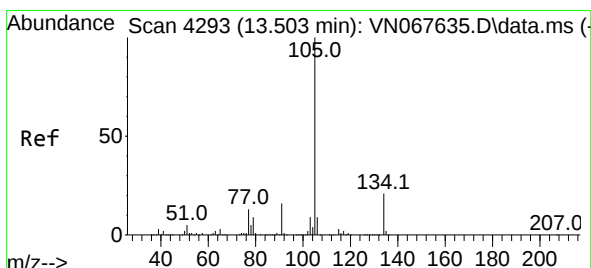
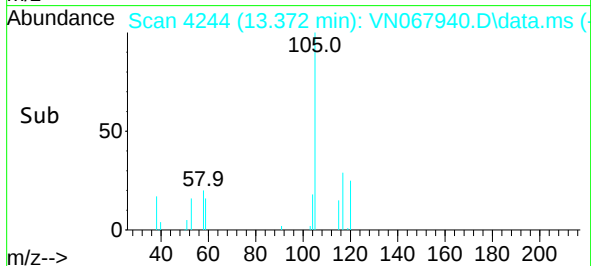
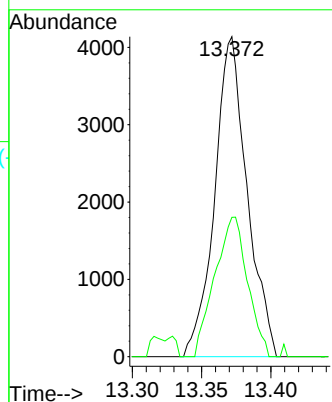
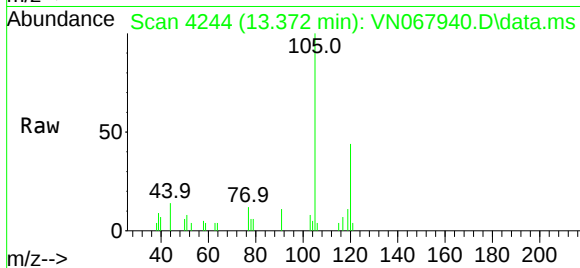




#84
1,2,4-Trimethylbenzene
Concen: 0.465 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

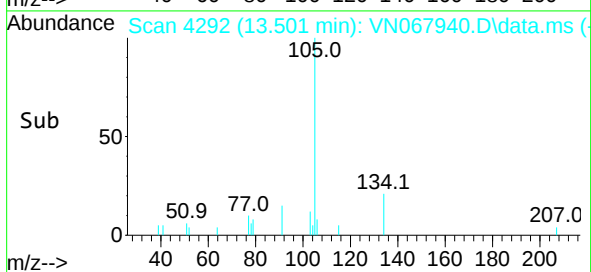
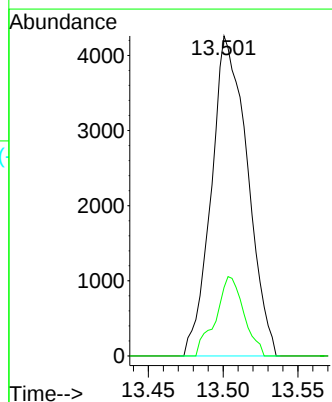
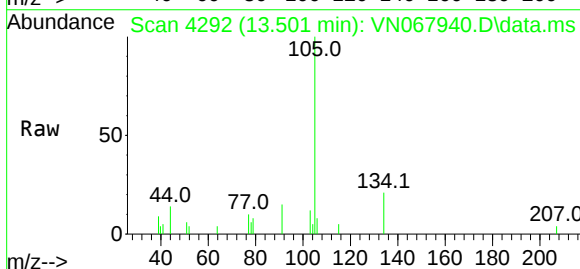
Instrument :
MSVOA_N
ClientSampled :

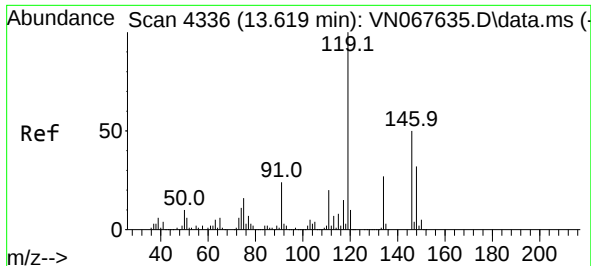
Tgt Ion:105 Resp: 6742
Ion Ratio Lower Upper
105 100
120 44.0 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.409 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:105 Resp: 7141
Ion Ratio Lower Upper
105 100
134 19.4 9.0 27.1

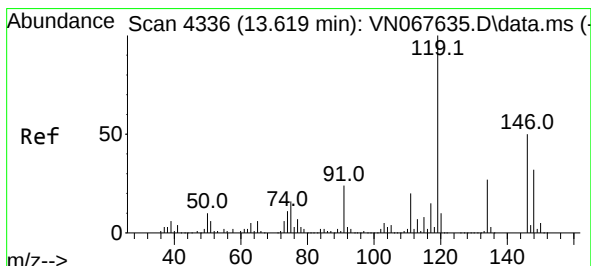
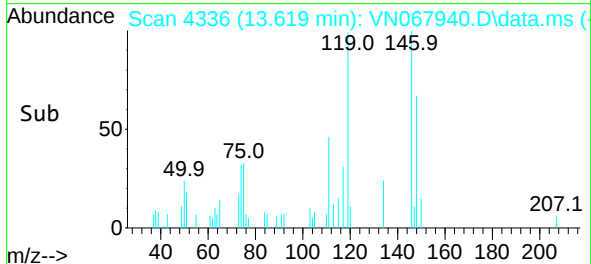
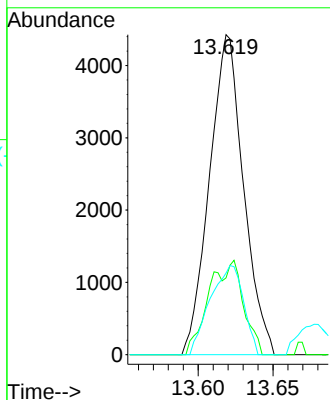
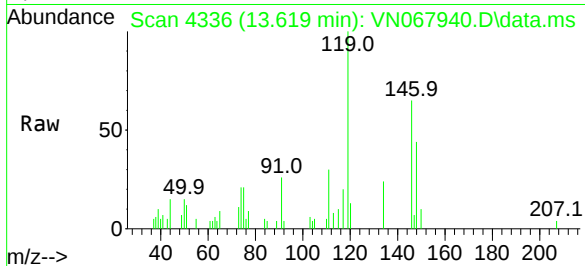




#86
p-Isopropyltoluene
Concen: 0.498 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

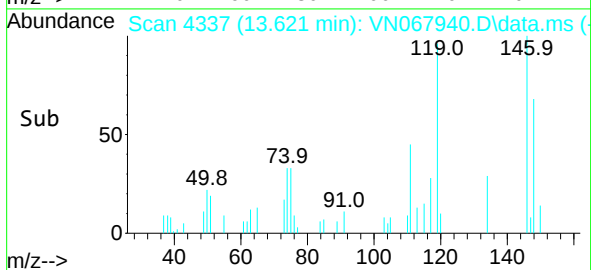
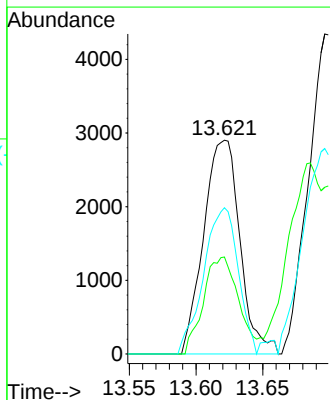
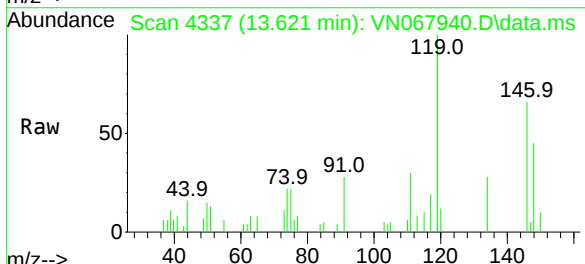
Instrument :
MSVOA_N
ClientSampled :

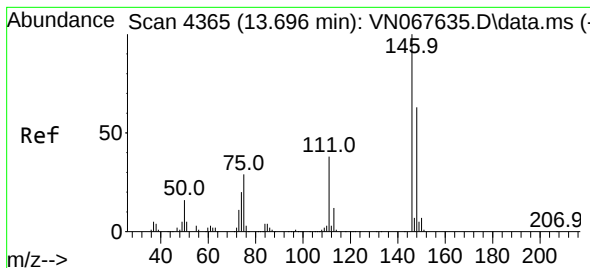
Tgt Ion:	119	Resp:	7008
Ion	Ratio	Lower	Upper
119	100		
134	14.1	12.4	37.4
91	27.3	14.8	44.3



#87
1,3-Dichlorobenzene
Concen: 0.732 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:	146	Resp:	5484
Ion	Ratio	Lower	Upper
146	100		
111	43.7	24.3	72.8
148	65.0	32.0	96.0





#88

1,4-Dichlorobenzene

Concen: 0.715 ug/l

RT: 13.621 min Scan# 4337

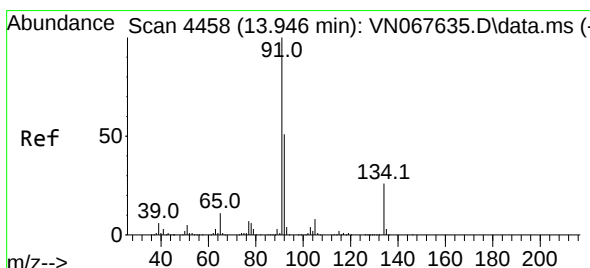
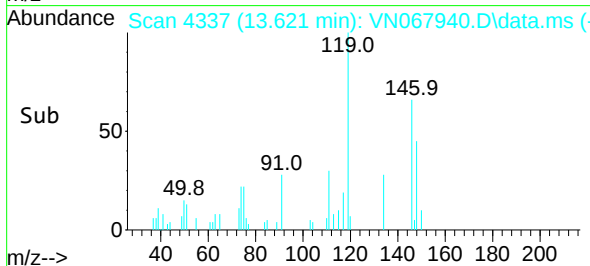
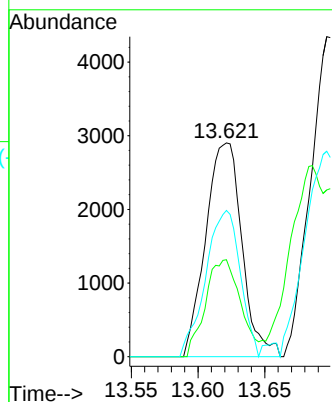
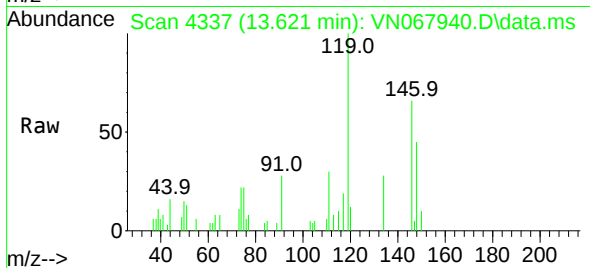
Delta R.T. -0.075 min

Lab File: VN067940.D

Acq: 27 Jul 2021 20:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146	Resp:	5484
Ion Ratio	Lower	Upper
146	100	
111	43.7	23.4 70.2
148	65.0	31.8 95.3



#89

n-Butylbenzene

Concen: 1.143 ug/l

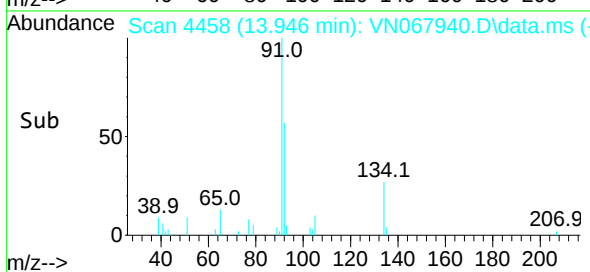
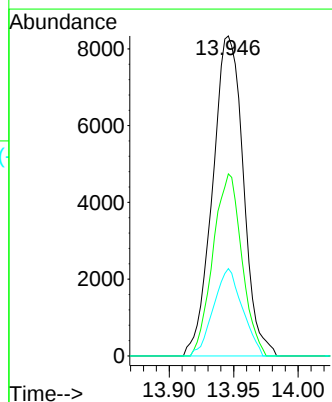
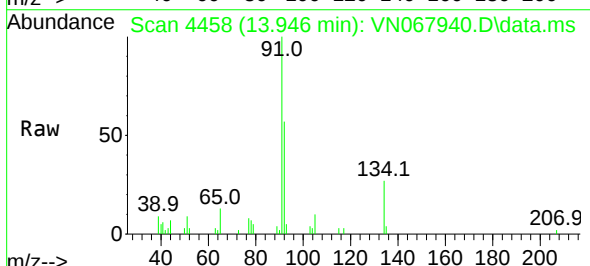
RT: 13.946 min Scan# 4458

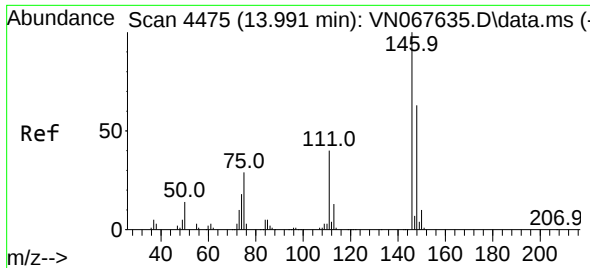
Delta R.T. -0.000 min

Lab File: VN067940.D

Acq: 27 Jul 2021 20:03

Tgt Ion: 91	Resp:	13802
Ion Ratio	Lower	Upper
91	100	
92	53.4	25.7 77.1
134	25.6	11.2 33.6

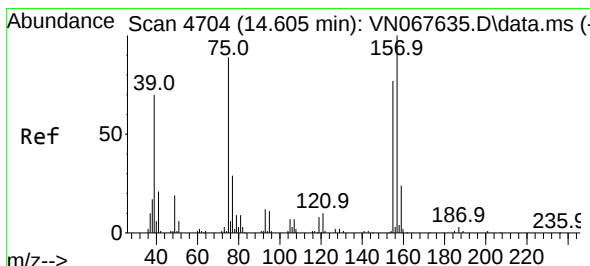
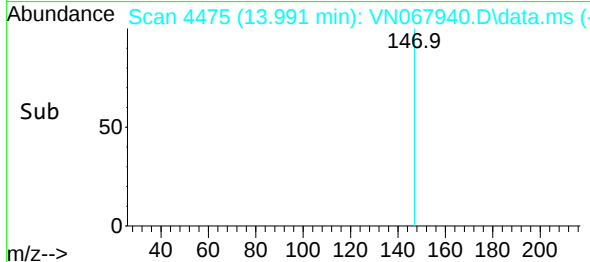
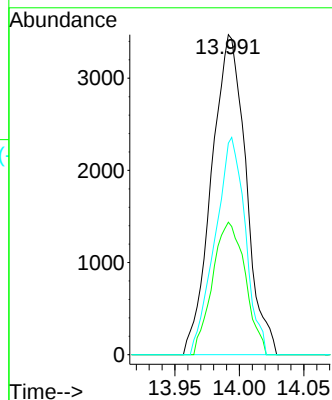
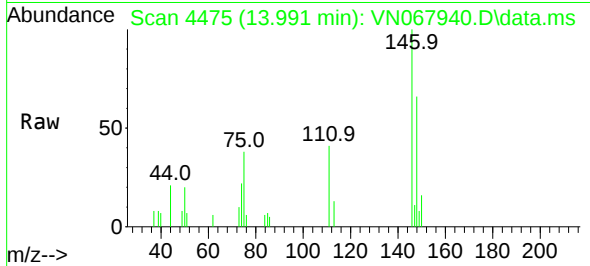




#91
1,2-Dichlorobenzene
Concen: 0.888 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

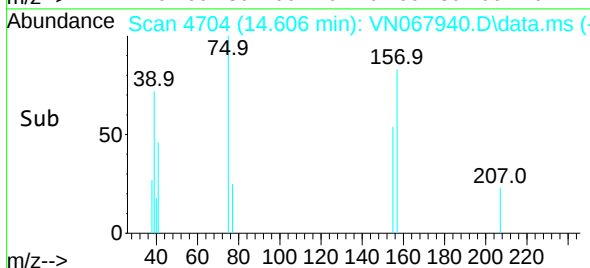
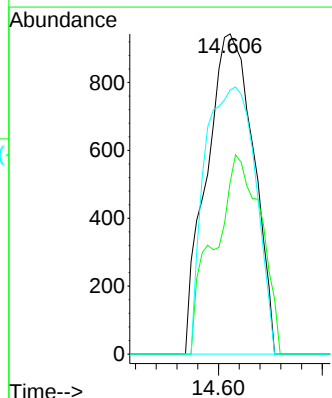
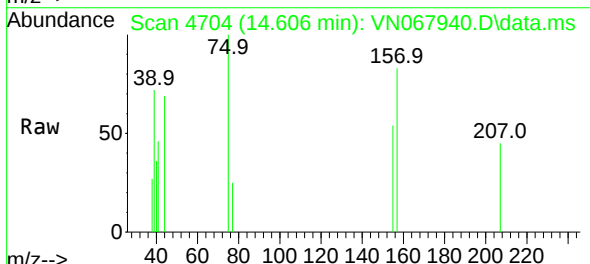
Instrument :
MSVOA_N
ClientSampled :

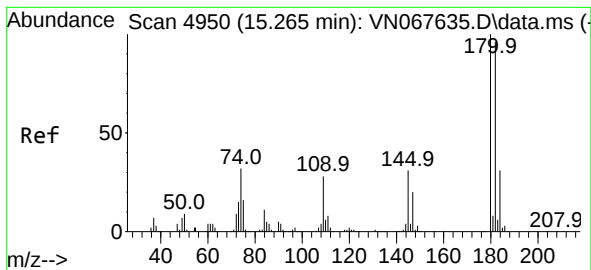
Tgt Ion:146 Resp: 6426
Ion Ratio Lower Upper
146 100
111 39.6 24.9 74.6
148 59.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.611 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.001 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

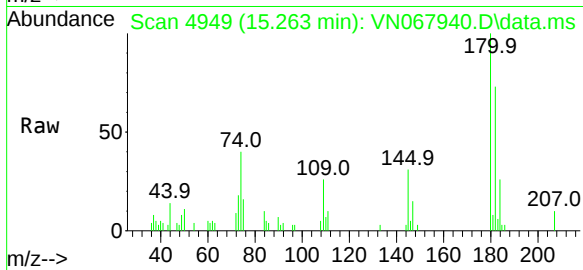
Tgt Ion: 75 Resp: 1482
Ion Ratio Lower Upper
75 100
155 62.0 29.8 89.5
157 89.6 37.6 112.8



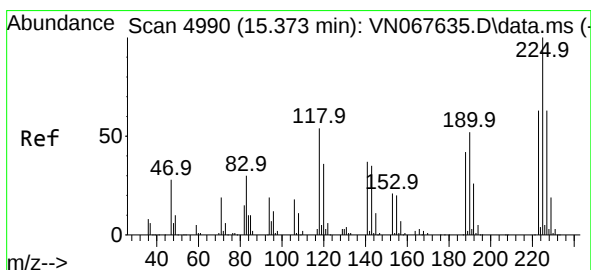
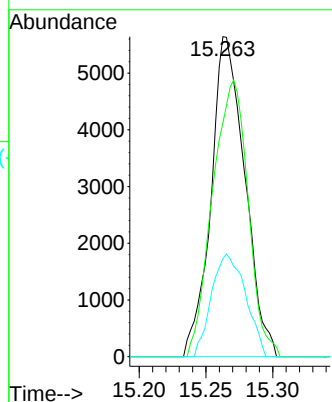
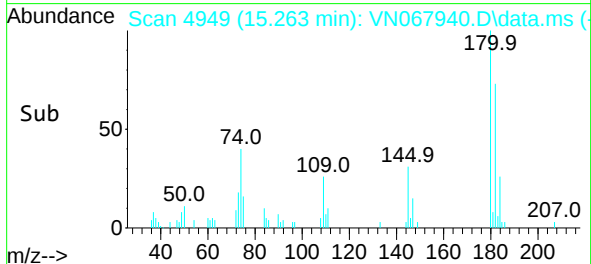


#93
1,2,4-Trichlorobenzene
Concen: 5.168 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

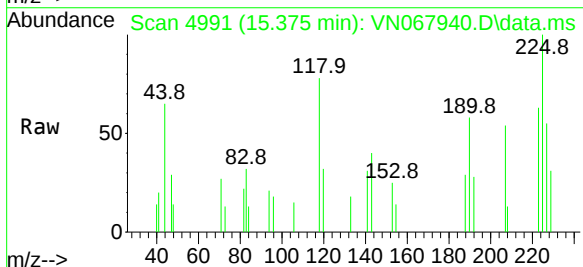
Instrument :
MSVOA_N
ClientSampled :



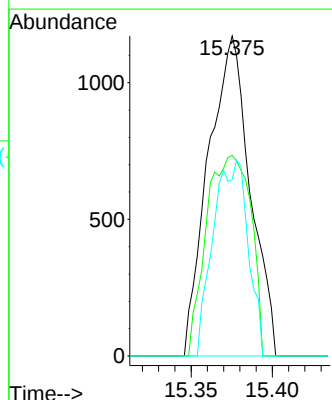
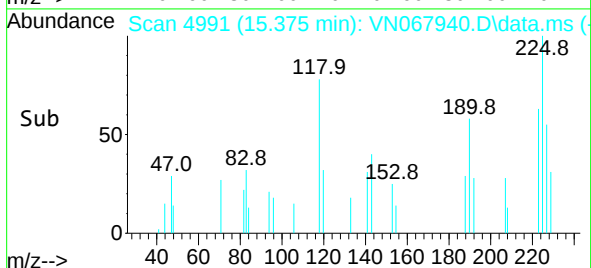
Tgt Ion:180 Resp: 9925
Ion Ratio Lower Upper
180 100
182 90.7 47.5 142.5
145 32.4 17.2 51.6

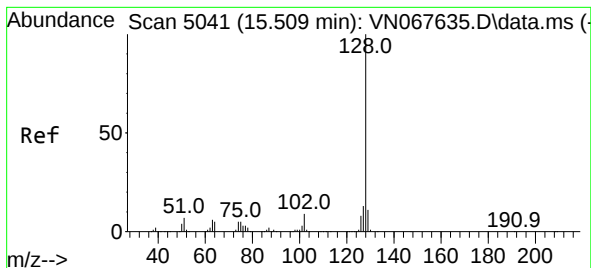


#94
Hexachlorobutadiene
Concen: 1.379 ug/l
RT: 15.375 min Scan# 4991
Delta R.T. 0.002 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03



Tgt Ion:225 Resp: 2096
Ion Ratio Lower Upper
225 100
223 66.4 31.4 94.0
227 51.0 31.2 93.6

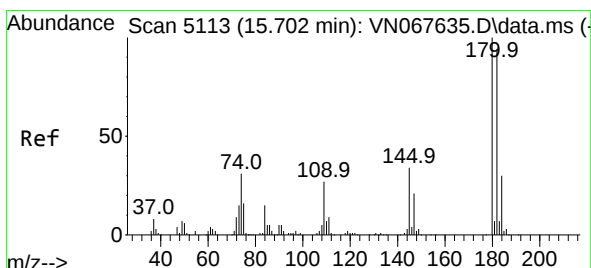
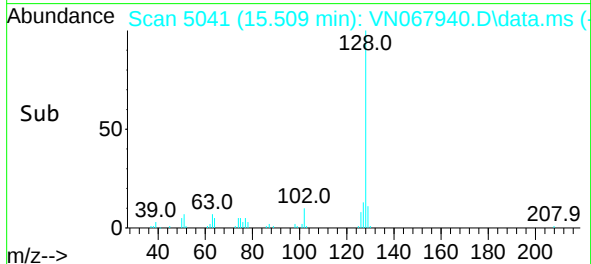
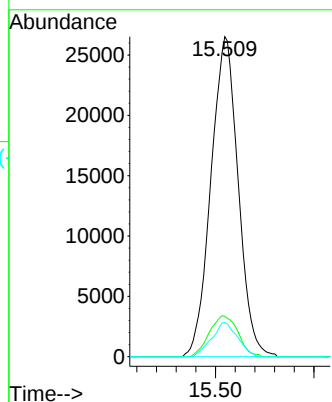
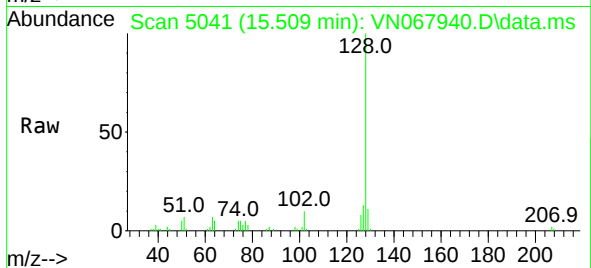




#95
Naphthalene
Concen: 7.339 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128	Resp:	50987
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 15.8
129	10.2	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.783 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN067940.D
Acq: 27 Jul 2021 20:03

Tgt Ion:180	Resp:	12012
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.8 143.3
145	32.2	18.2 54.6

