

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068145.D
 Acq On : 17 Aug 2021 16:04
 Operator : JC/MD
 Sample : M3408-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33S

Quant Time: Aug 17 16:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	444257	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	731087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	775624	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	293504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	246873	52.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.100%	
35) Dibromofluoromethane	8.024	113	224579	48.928	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.860%	
50) Toluene-d8	10.443	98	920006	52.604	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.733	95	296579	50.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.880%	
Target Compounds						Qvalue
3) Chloromethane	2.303	50	814	0.205	ug/l	# 82
5) Bromomethane	2.808	94	53	Below Cal	#	4
6) Chloroethane	3.025	64	24	Below Cal	#	44
13) Acrolein	4.020	56	130	Below Cal	#	38
15) Acrylonitrile	5.554	53	446	0.268	ug/l	# 21
16) Acetone	4.299	43	22395	16.170	ug/l	# 88
18) Methyl Acetate	4.867	43	5935	Below Cal	#	85
20) Methylene Chloride	5.095	84	27867	5.375	ug/l	# 78
25) 2-Butanone	7.353	43	5357	2.482	ug/l	97
29) Tetrahydrofuran	7.705	42	1855	1.344	ug/l	# 84
31) Cyclohexane	8.086	56	8097	1.296	ug/l	# 7
36) 1,1-Dichloropropene	8.088	75	29661	4.963	ug/l	# 52
37) Ethyl Acetate	7.418	43	1063	0.209	ug/l	# 85
38) Carbon Tetrachloride	8.086	117	42280	6.134	ug/l	# 17
43) Isopropyl Acetate	8.563	43	34963	4.287	ug/l	# 93
45) 1,2-Dichloropropane	9.620	63	2110	0.492	ug/l	# 44
48) Methyl methacrylate	9.553	41	9052	2.663	ug/l	# 15
49) 1,4-Dioxane	9.574	88	135	1.643	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.336	43	9867	1.970	ug/l	# 85
54) cis-1,3-Dichloropropene	10.247	75	65657	9.486	ug/l	# 55
57) 1,3-Dichloropropane	11.095	76	30494	3.984	ug/l	# 43
59) 2-Hexanone	11.095	43	401111	115.308	ug/l	# 58
74) N-amyl acetate	12.393	43	4128	0.759	ug/l	# 89
75) 1,1,2,2-Tetrachloroethane	12.833	83	1284	0.205	ug/l	# 92
76) 1,2,3-Trichloropropane	12.733	75	149181	30.580	ug/l	# 100
77) Bromobenzene	12.865	156	1558	0.271	ug/l	48
78) n-propylbenzene	12.921	91	5887	0.263	ug/l	93
79) 2-Chlorotoluene	13.010	91	2994	0.216	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.733	75	149181	100.186	ug/l	# 6
82) 4-Chlorotoluene	13.106	91	4489	0.334	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	4395	0.267	ug/l	100
85) sec-Butylbenzene	13.501	105	4387	0.222	ug/l	87
86) p-Isopropyltoluene	13.624	119	4906	0.301	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	4173	0.426	ug/l	91
88) 1,4-Dichlorobenzene	13.616	146	4173	0.420	ug/l	92
89) n-Butylbenzene	13.946	91	8779	0.722	ug/l	94

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 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

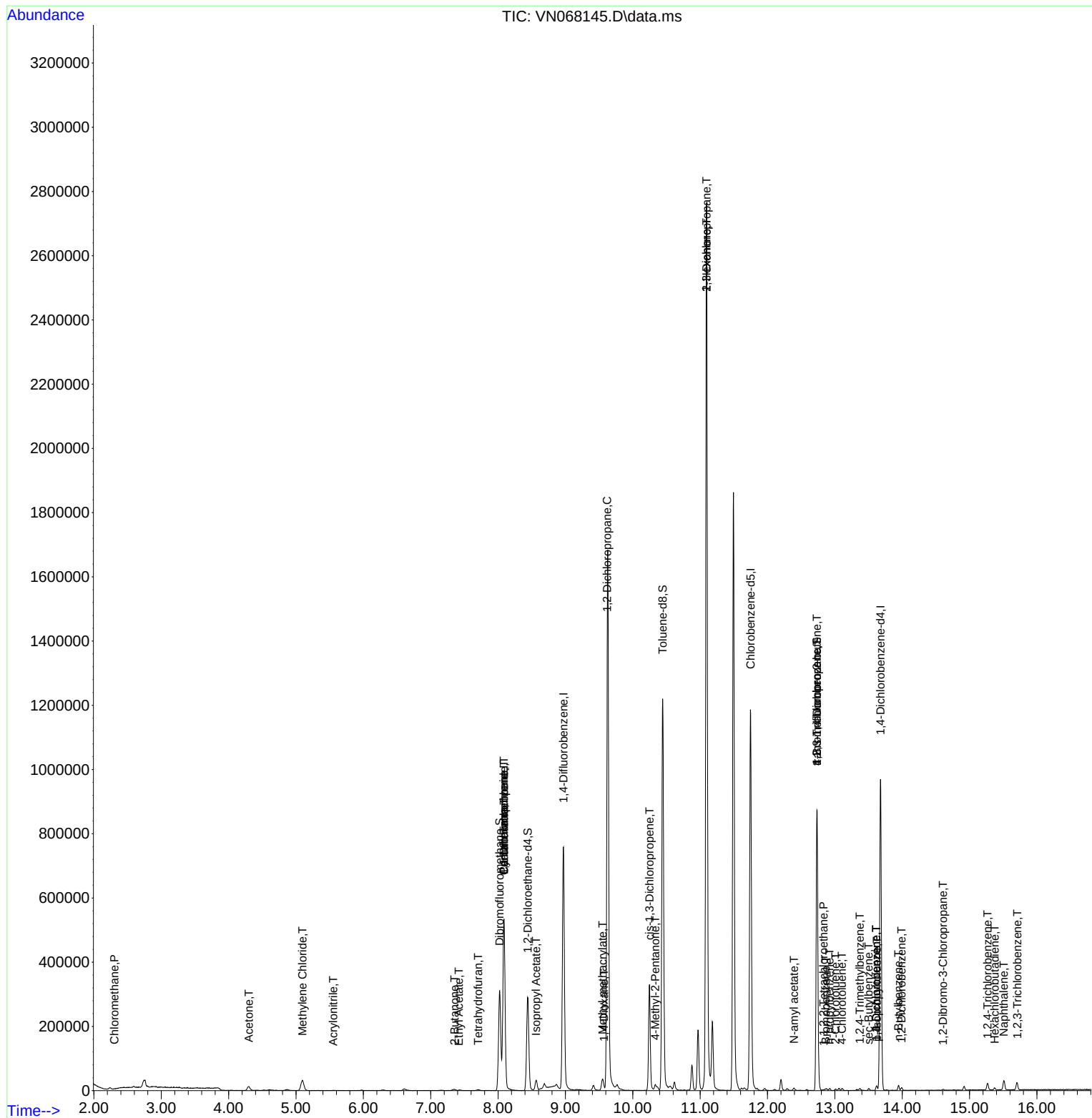
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.991	146	4332	0.464	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.605	75	709	0.748	ug/l #	53
93) 1,2,4-Trichlorobenzene	15.268	180	7907	4.213	ug/l	97
94) Hexachlorobutadiene	15.373	225	1809	0.715	ug/l	89
95) Naphthalene	15.507	128	29548	5.737	ug/l	98
96) 1,2,3-Trichlorobenzene	15.708	180	9322	4.723	ug/l	97

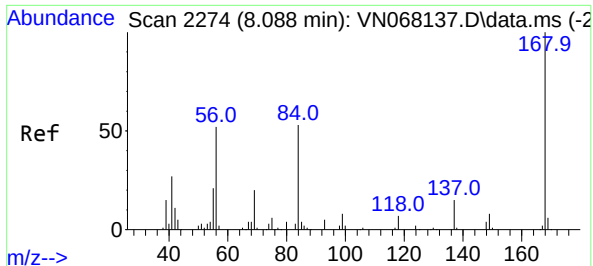
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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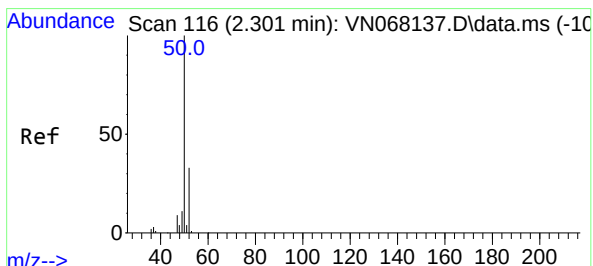
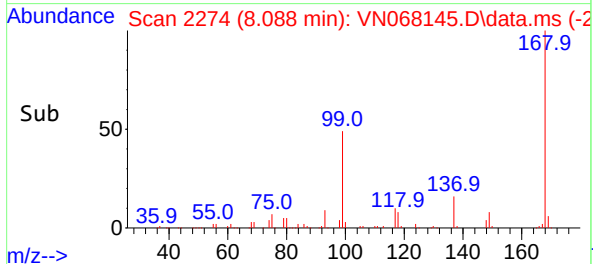
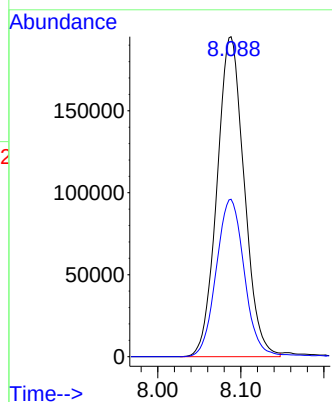
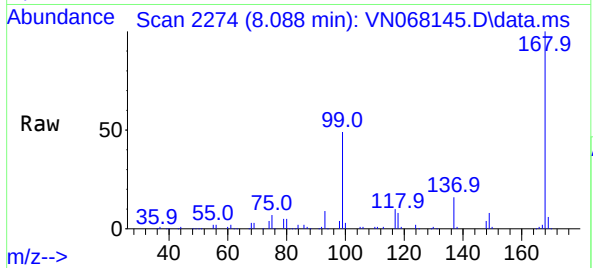




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

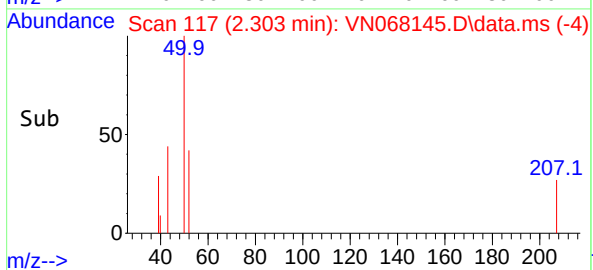
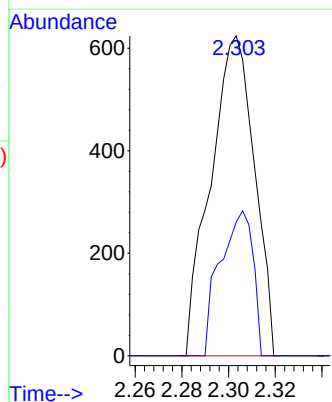
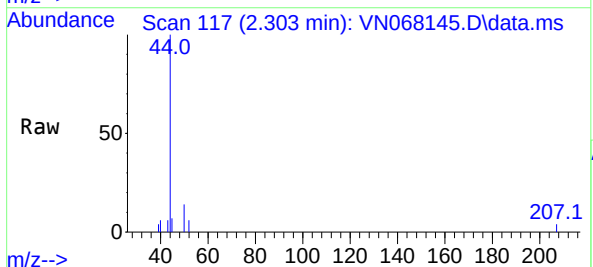
Instrument :
MSVOA_N
ClientSampled :
33S

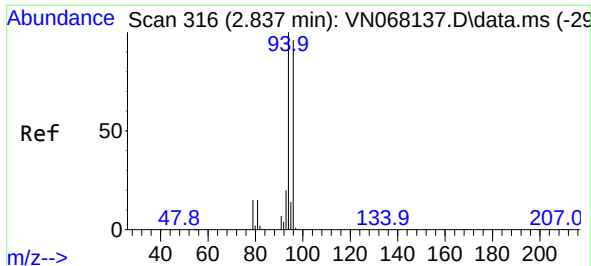
Tgt Ion:168 Resp: 444257
Ion Ratio Lower Upper
168 100
99 49.2 62.9 94.3#



#3
Chloromethane
Concen: 0.205 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 50 Resp: 814
Ion Ratio Lower Upper
50 100
52 41.8 25.6 38.4#

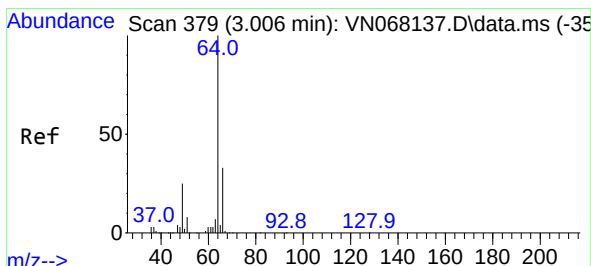
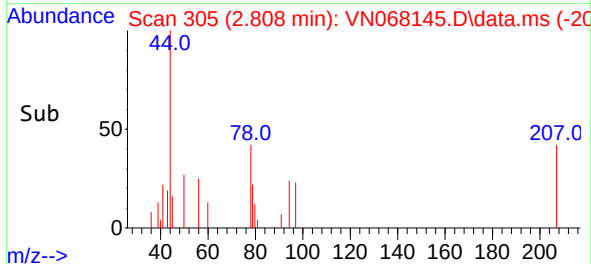
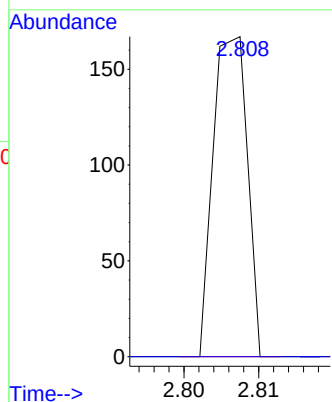
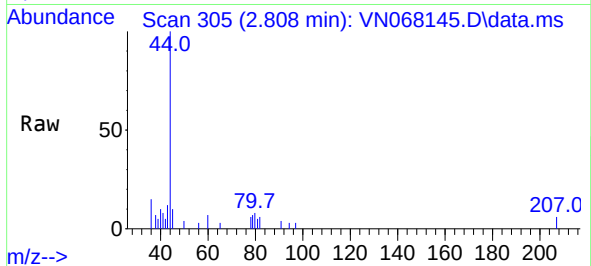




#5
Bromomethane
Concen: Below Cal
RT: 2.808 min Scan# 305
Delta R.T. -0.030 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

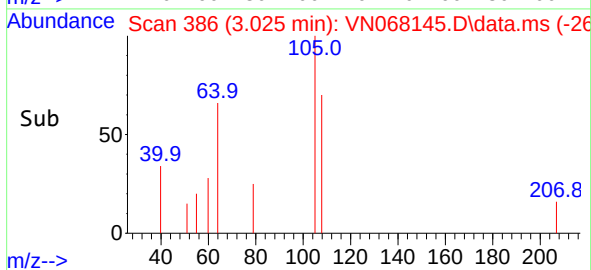
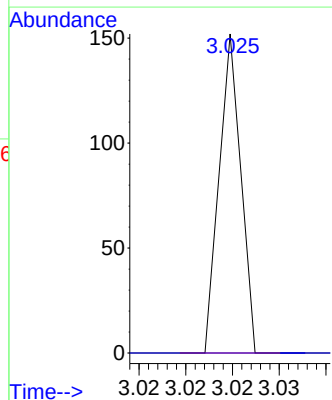
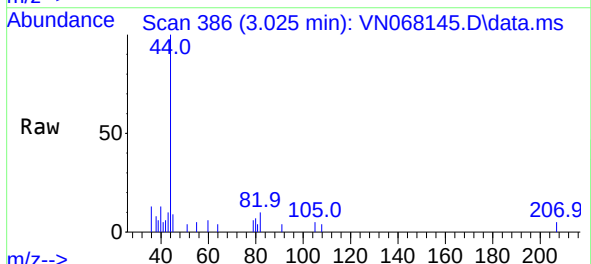
Instrument :
MSVOA_N
ClientSampled :
33S

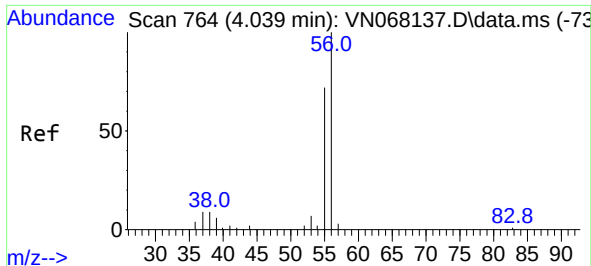
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.025 min Scan# 386
Delta R.T. 0.019 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

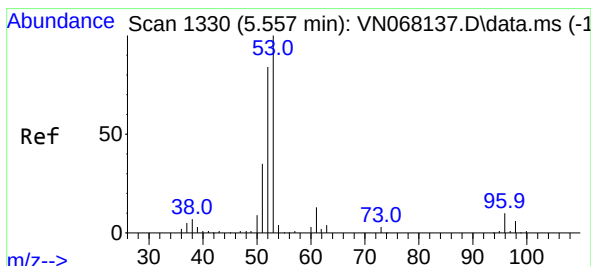
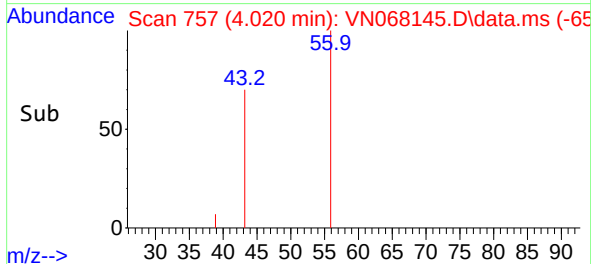
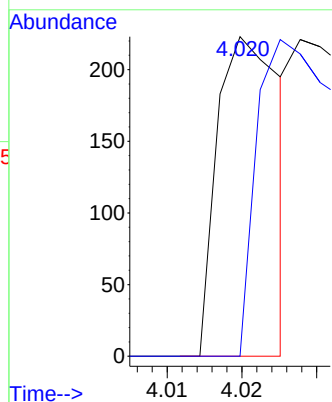
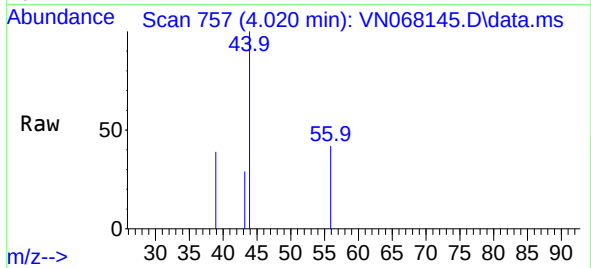




#13
Acrolein
Concen: Below Cal
RT: 4.020 min Scan# 757
Delta R.T. -0.019 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

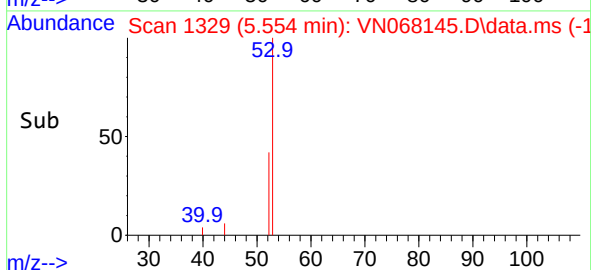
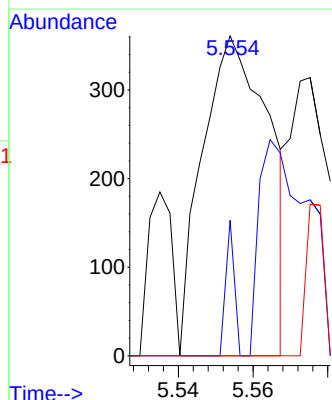
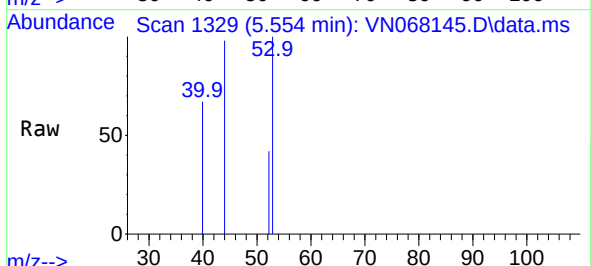
Instrument :
MSVOA_N
ClientSampled :
33S

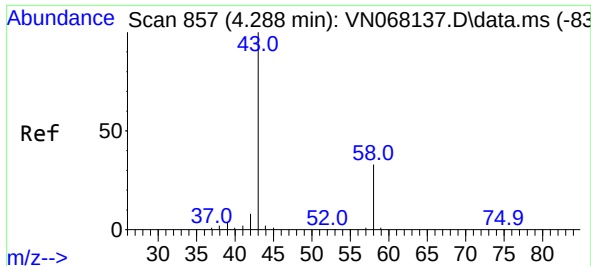
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 123.1 57.4 86.0#



#15
Acrylonitrile
Concen: 0.268 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 53 Resp: 446
Ion Ratio Lower Upper
53 100
52 5.6 66.2 99.2#
51 0.0 30.2 45.4#

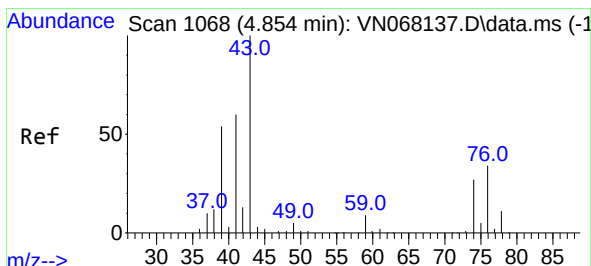
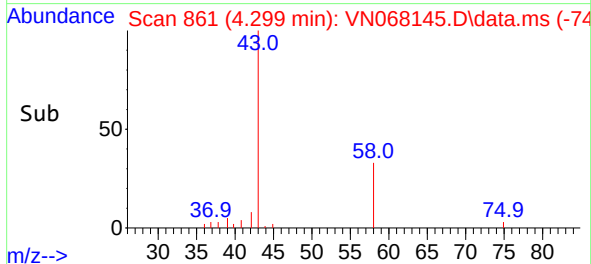
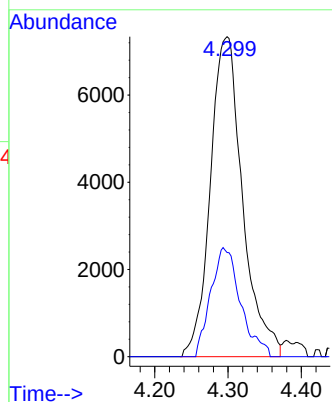
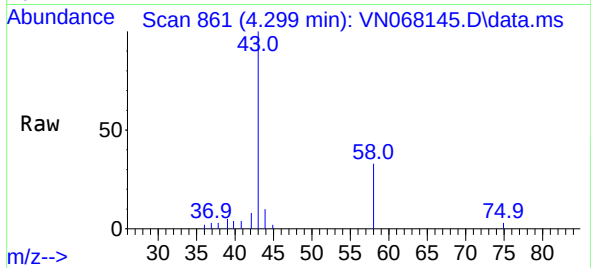




#16
Acetone
Concen: 16.170 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

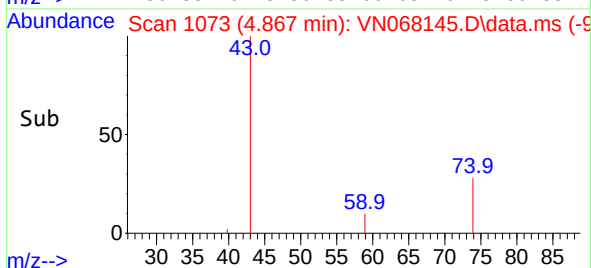
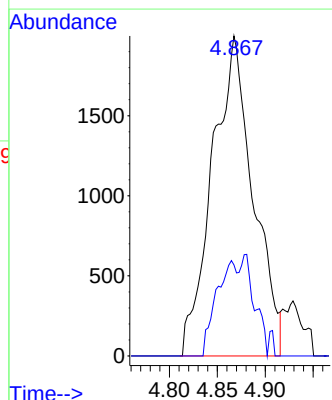
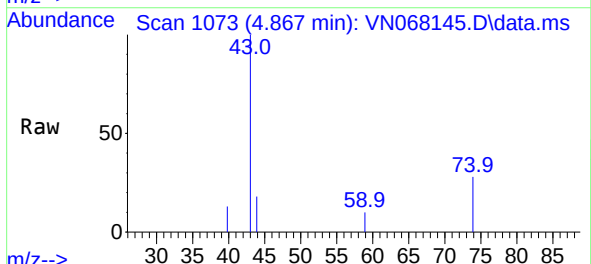
Instrument :
MSVOA_N
ClientSampled :
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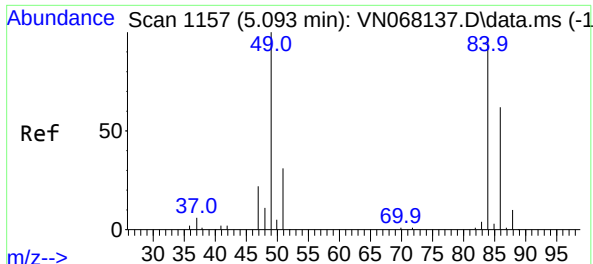
Tgt Ion: 43 Resp: 22395
Ion Ratio Lower Upper
43 100
58 32.6 21.2 31.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 5935
Ion Ratio Lower Upper
43 100
74 14.6 17.4 26.0#



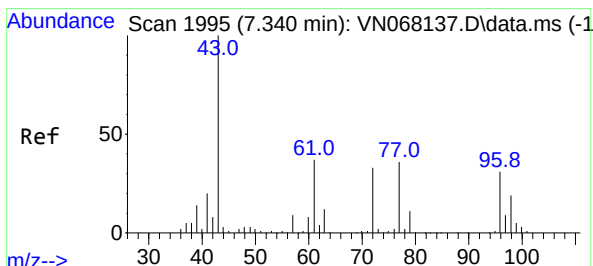
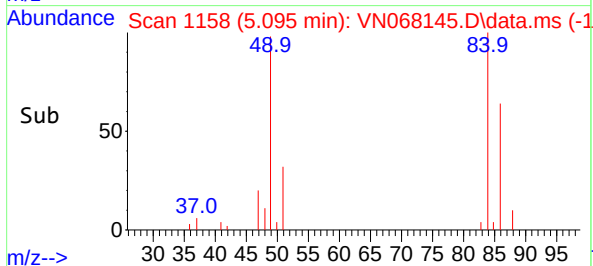
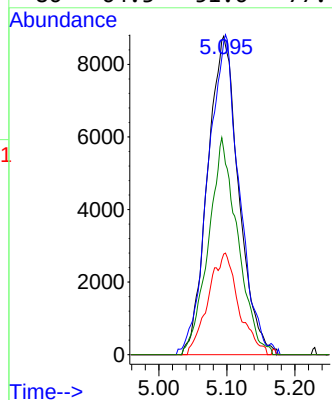
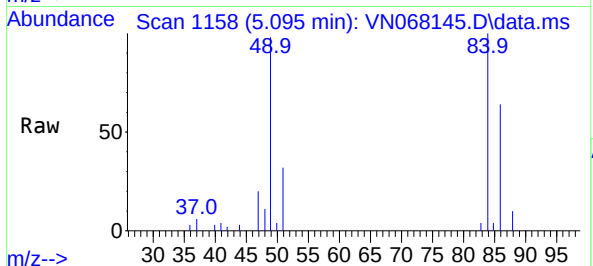


#20
Methylene Chloride
Concen: 5.375 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Instrument :
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Tgt Ion: 84 Resp: 27867

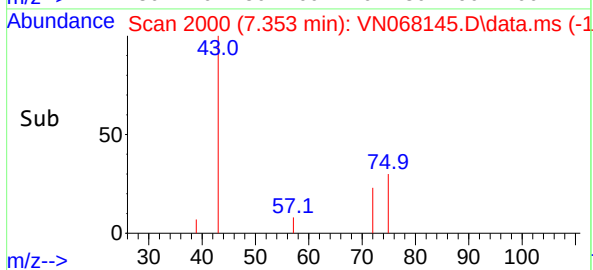
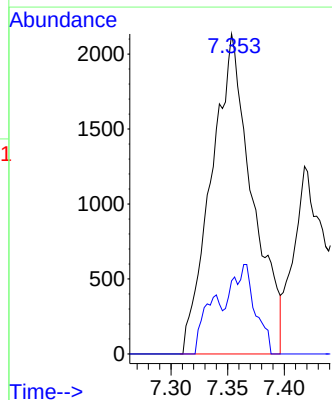
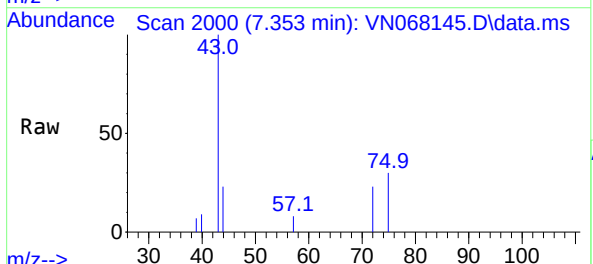
Ion	Ratio	Lower	Upper
84	100		
49	98.2	110.9	166.3#
51	31.6	32.6	49.0#
86	64.3	51.6	77.4

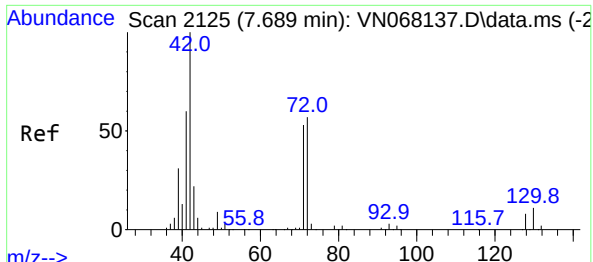


#25
2-Butanone
Concen: 2.482 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.013 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 5357

Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.7	29.5

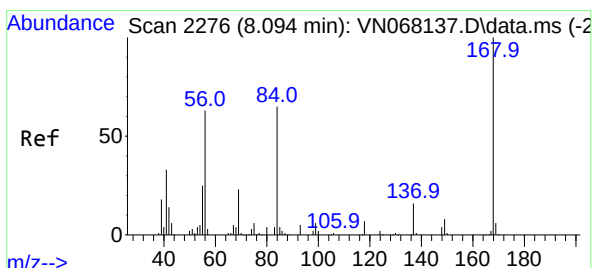
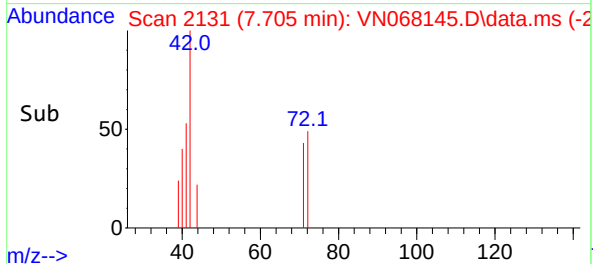
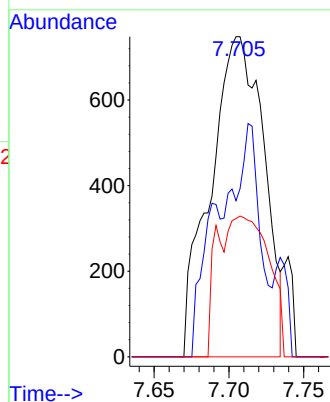
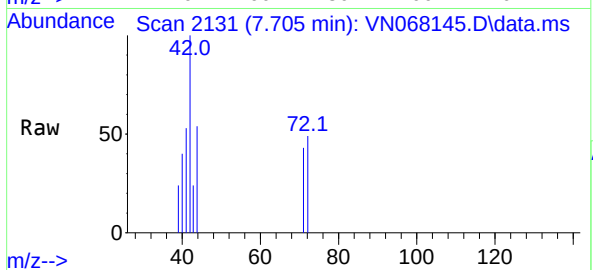




#29
Tetrahydrofuran
Concen: 1.344 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

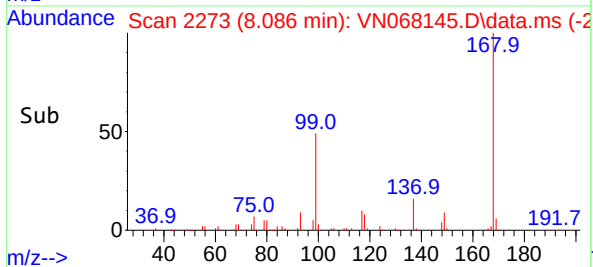
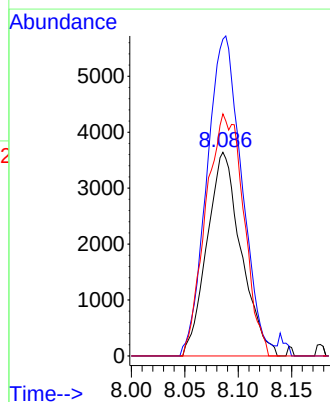
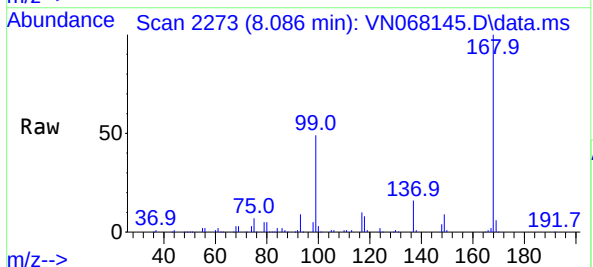
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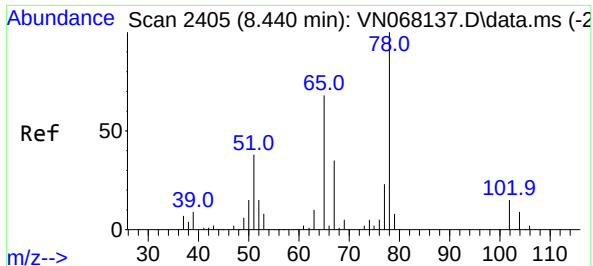
Tgt Ion:	42	Resp:	1855
Ion	Ratio	Lower	Upper
42	100		
72	27.3	32.8	49.2#
71	33.5	31.2	46.8



#31
Cyclohexane
Concen: 1.296 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:	56	Resp:	8097
Ion	Ratio	Lower	Upper
56	100		
69	155.5	27.3	40.9#
84	118.9	64.9	97.3#

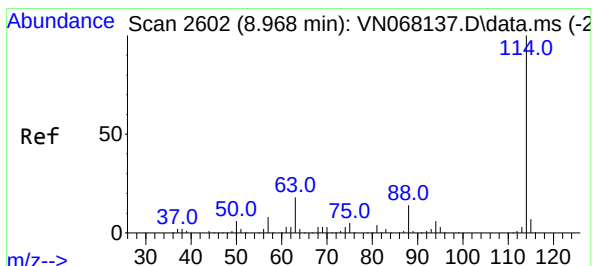
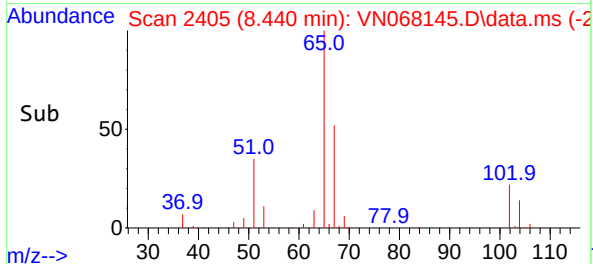
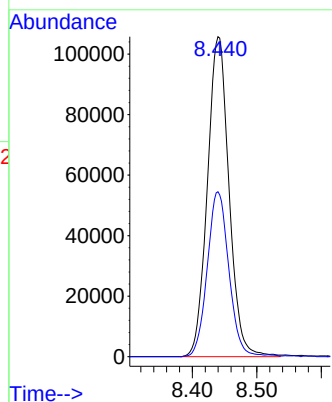
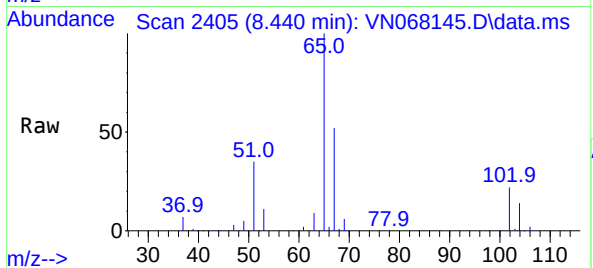




#33
1,2-Dichloroethane-d4
Concen: 52.045 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

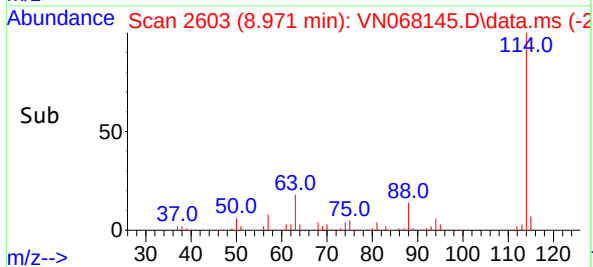
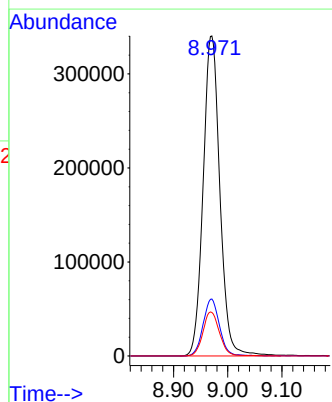
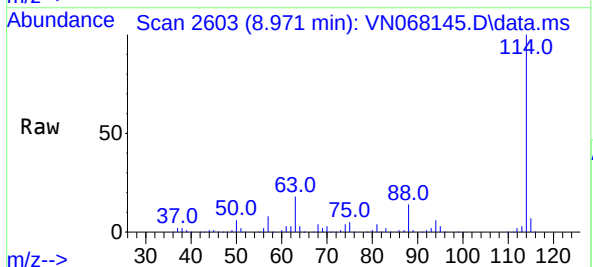
Instrument :
MSVOA_N
ClientSampled :
33S

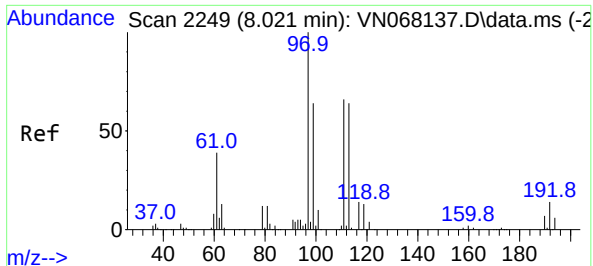
Tgt Ion: 65 Resp: 246873
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 114 Resp: 731087
Ion Ratio Lower Upper
114 100
63 17.8 0.0 49.0
88 13.6 0.0 36.6

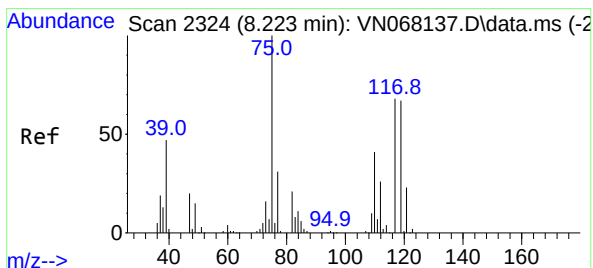
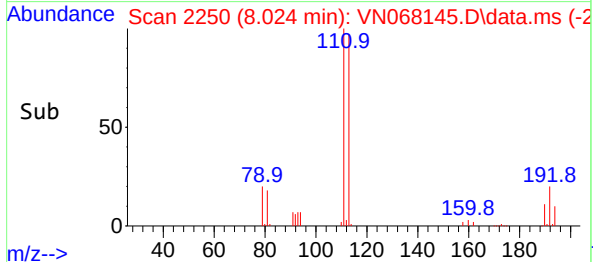
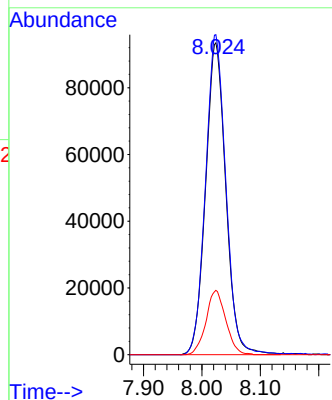
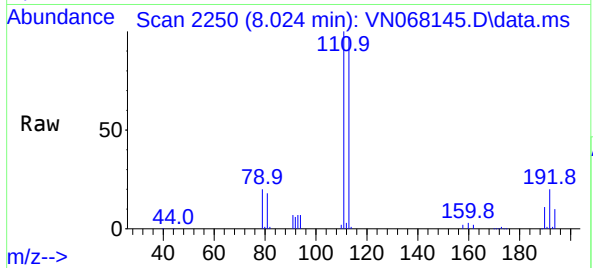




#35
Dibromofluoromethane
Concen: 48.928 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

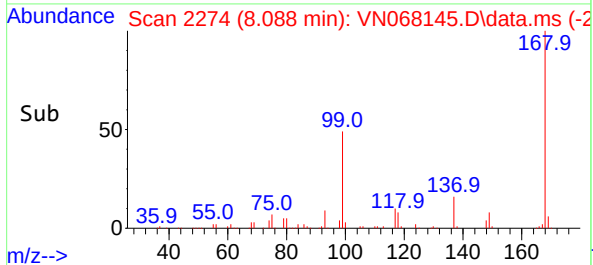
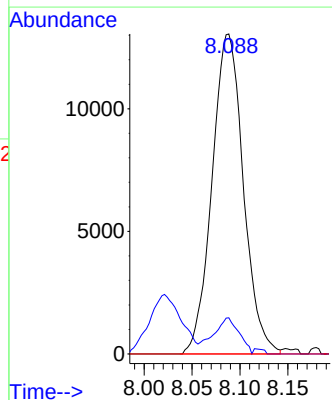
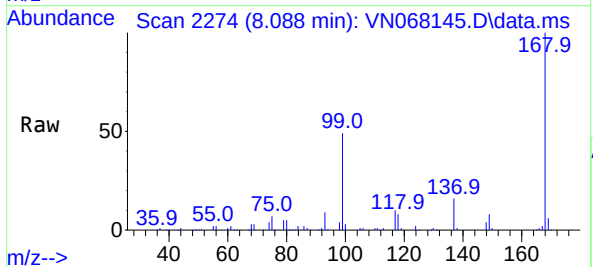
Instrument :
MSVOA_N
ClientSampled :
33S

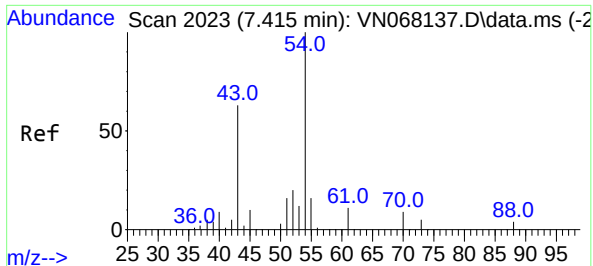
Tgt Ion:113 Resp: 224579
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 20.2 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 75 Resp: 29661
Ion Ratio Lower Upper
75 100
110 9.4 15.7 47.0#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.209 ug/l

RT: 7.418 min Scan# 2024

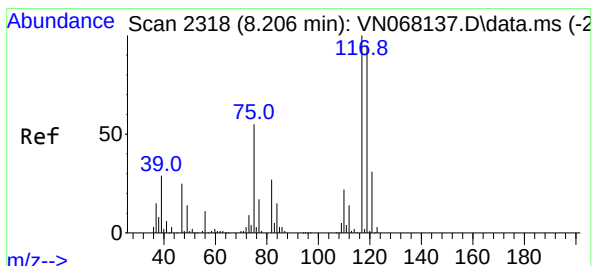
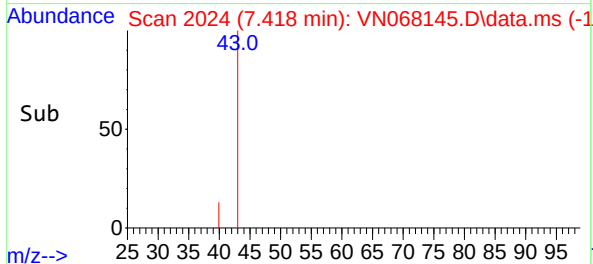
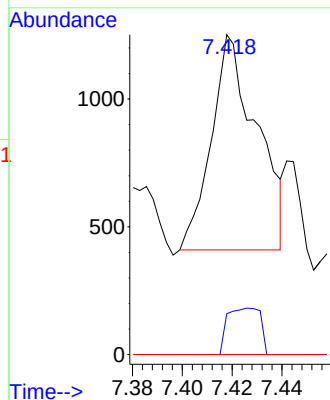
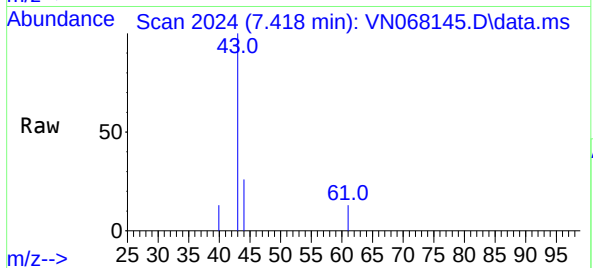
Delta R.T. 0.003 min

Lab File: VN068145.D

Acq: 17 Aug 2021 16:04

Tgt Ion:	43	Resp:	1063
Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.6	16.0
70	0.0	8.1	12.1#

Instrument :
MSVOA_N
ClientSampled :
33S



#38

Carbon Tetrachloride

Concen: 6.134 ug/l

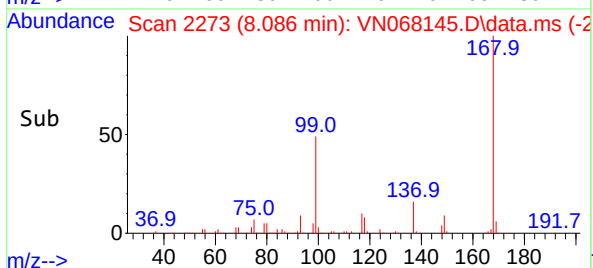
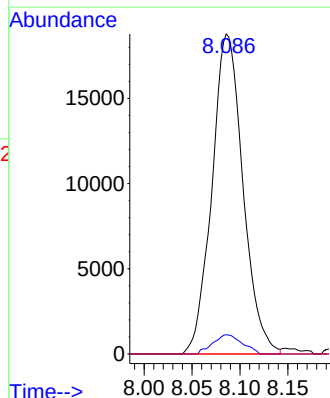
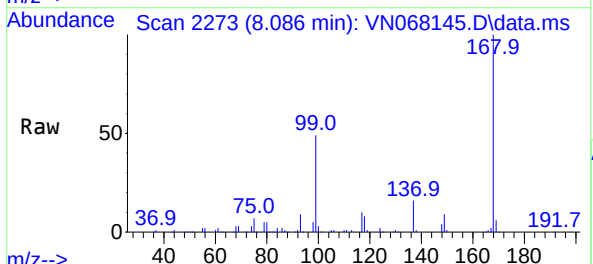
RT: 8.086 min Scan# 2273

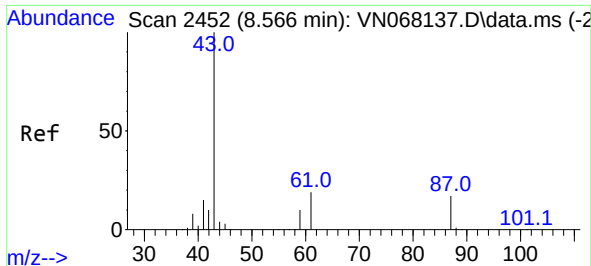
Delta R.T. -0.120 min

Lab File: VN068145.D

Acq: 17 Aug 2021 16:04

Tgt Ion:	117	Resp:	42280
Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.4	113.2#
121	0.0	23.5	35.3#

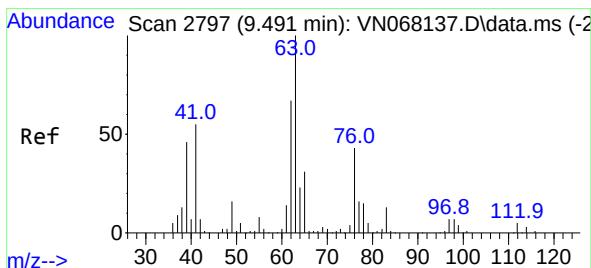
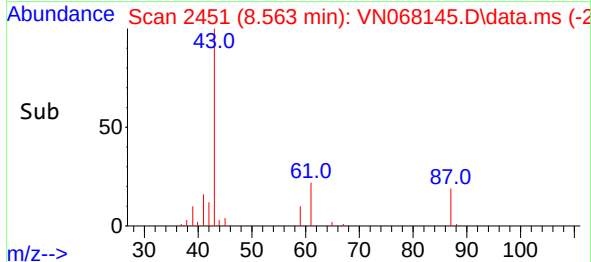
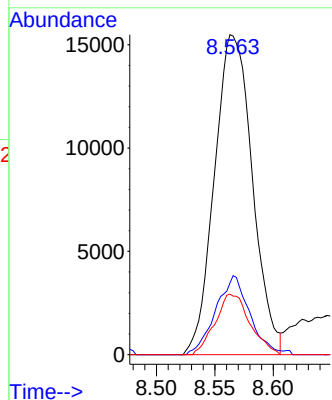
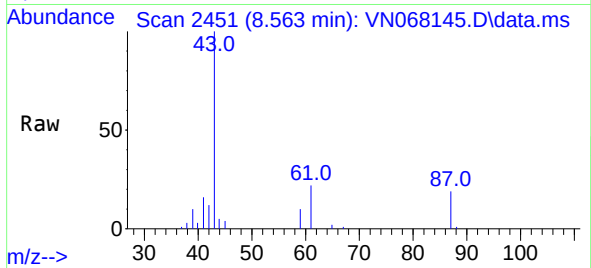




#43
Isopropyl Acetate
Concen: 4.287 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

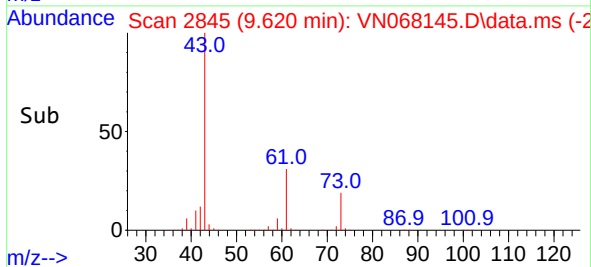
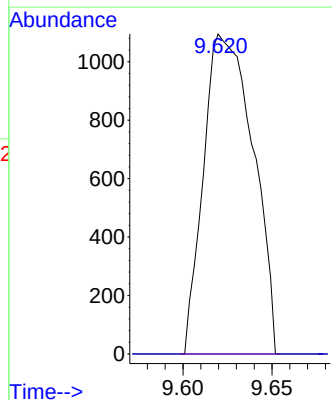
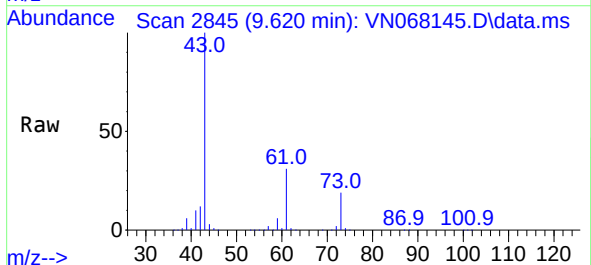
Instrument :
MSVOA_N
ClientSampled :
33S

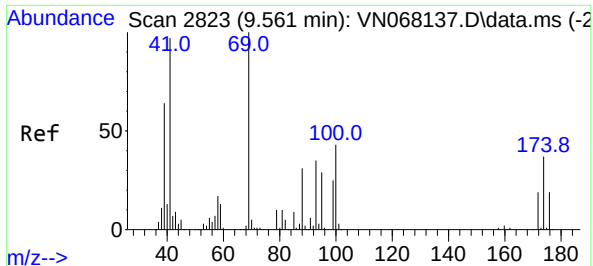
Tgt Ion:	43	Resp:	34963
Ion	Ratio	Lower	Upper
43	100		
61	22.3	19.0	28.4
87	17.4	9.5	14.3



#45
1,2-Dichloropropane
Concen: 0.492 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.129 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:	63	Resp:	2110
Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5

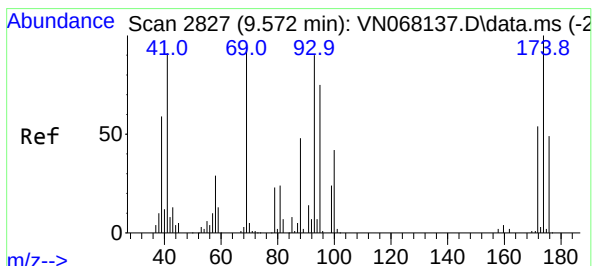
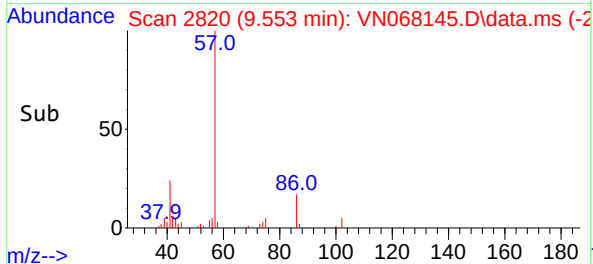
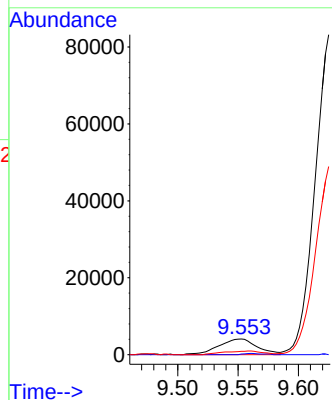
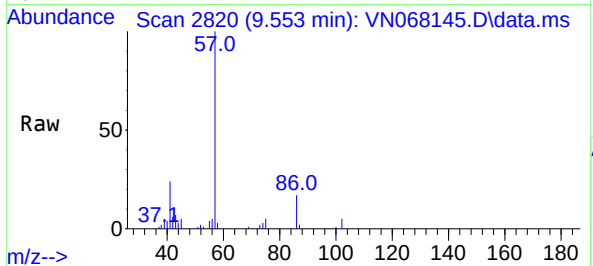




#48
Methyl methacrylate
Concen: 2.663 ug/l
RT: 9.553 min Scan# 2820
Delta R.T. -0.008 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

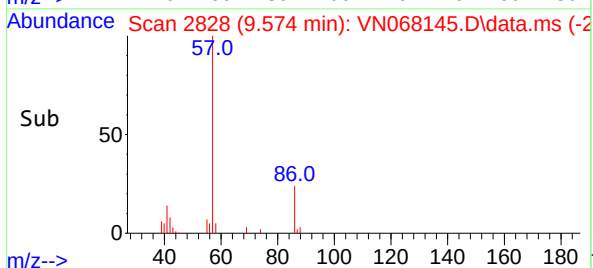
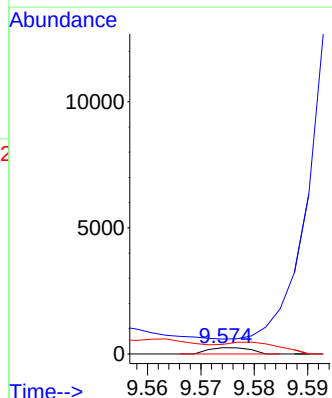
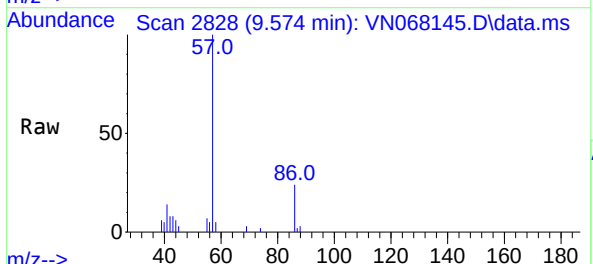
Instrument :
MSVOA_N
ClientSampled :
33S

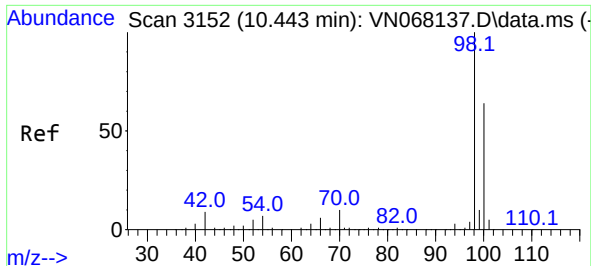
Tgt Ion: 41 Resp: 9052
Ion Ratio Lower Upper
41 100
69 4.0 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 1.643 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 88 Resp: 135
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

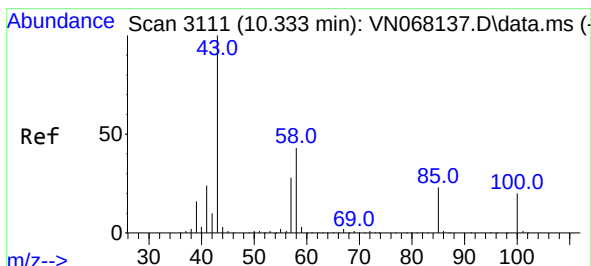
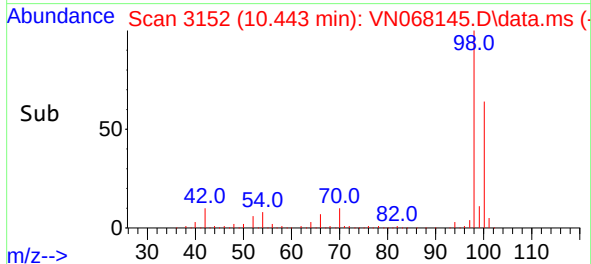
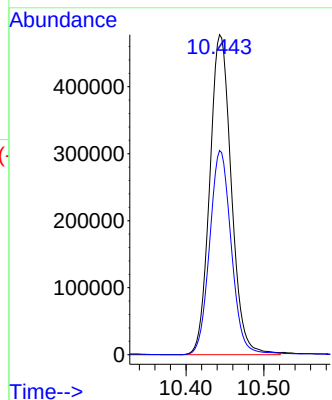
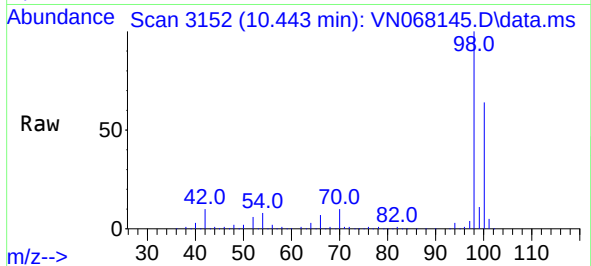




#50
Toluene-d8
Concen: 52.604 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

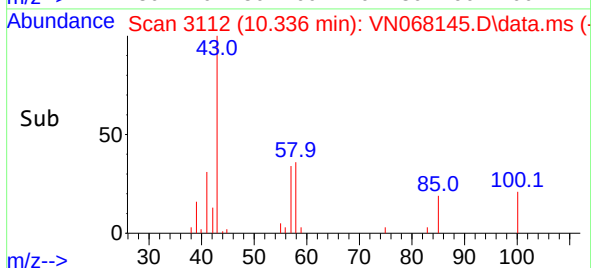
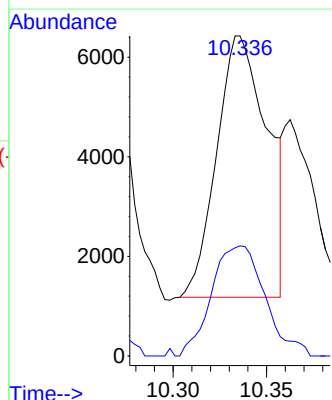
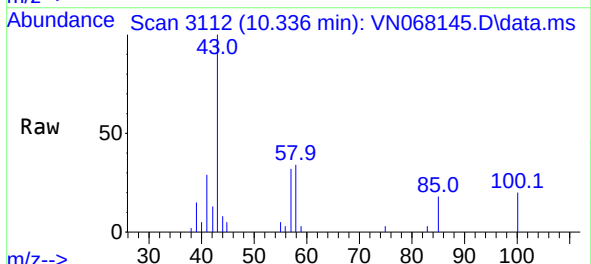
Instrument :
MSVOA_N
ClientSampled :
33S

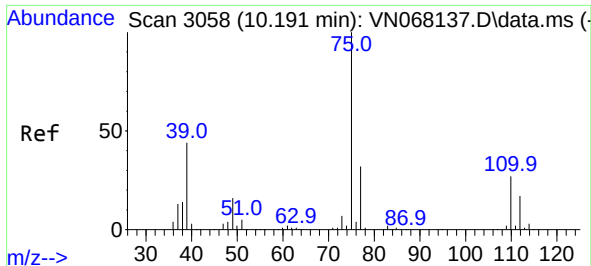
Tgt Ion: 98 Resp: 920006
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.970 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 43 Resp: 9867
Ion Ratio Lower Upper
43 100
58 44.5 28.6 43.0#

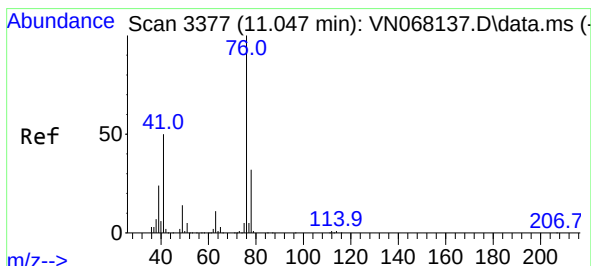
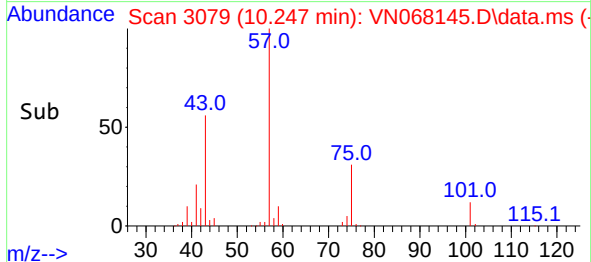
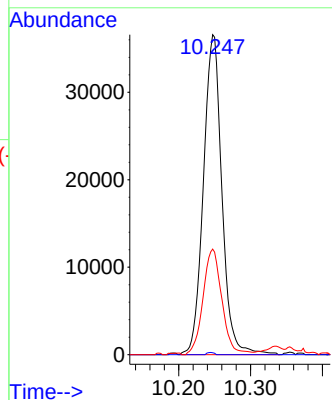
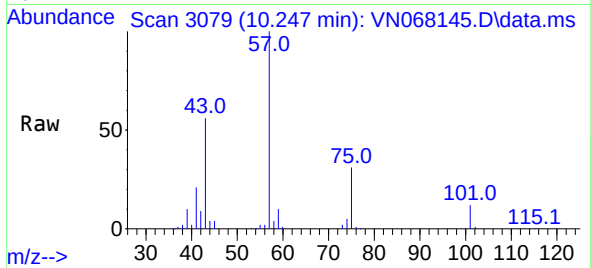




#54
 cis-1,3-Dichloropropene
 Concen: 9.486 ug/l
 RT: 10.247 min Scan# 3079
 Delta R.T. 0.056 min
 Lab File: VN068145.D
 Acq: 17 Aug 2021 16:04

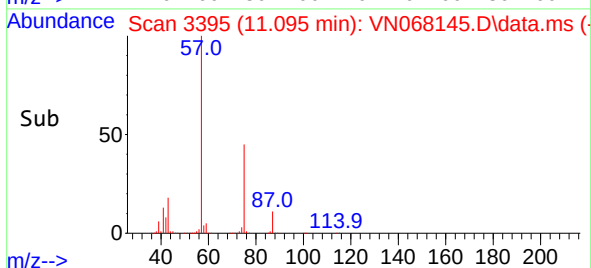
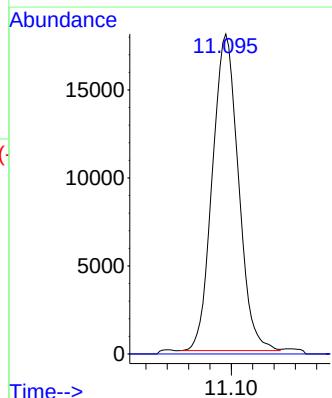
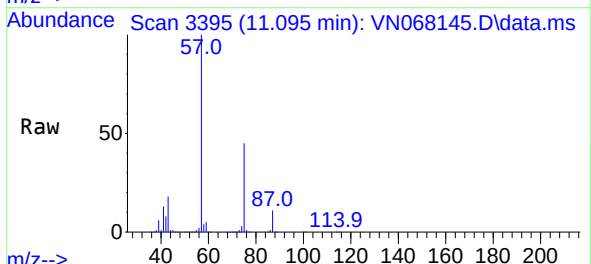
Instrument :
 MSVOA_N
 ClientSampled :
 33S

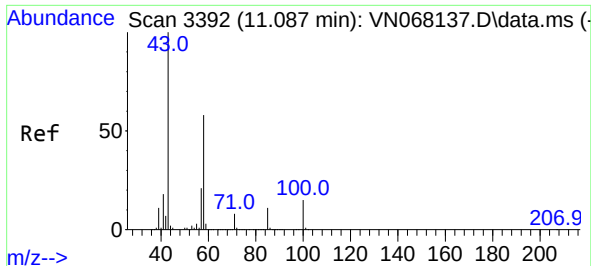
Tgt Ion: 75 Resp: 65657
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.6 37.0#
 39 32.5 50.7 76.1#



#57
 1,3-Dichloropropane
 Concen: 3.984 ug/l
 RT: 11.095 min Scan# 3395
 Delta R.T. 0.048 min
 Lab File: VN068145.D
 Acq: 17 Aug 2021 16:04

Tgt Ion: 76 Resp: 30494
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

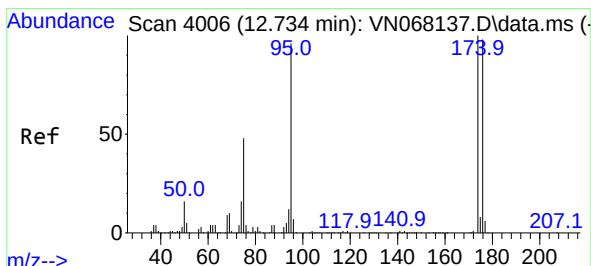
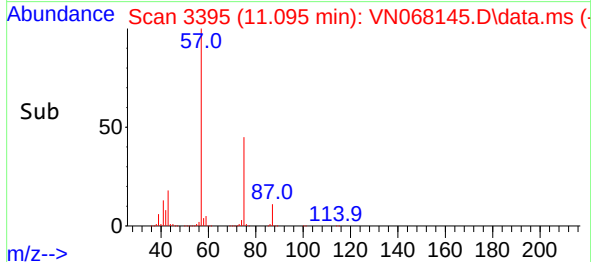
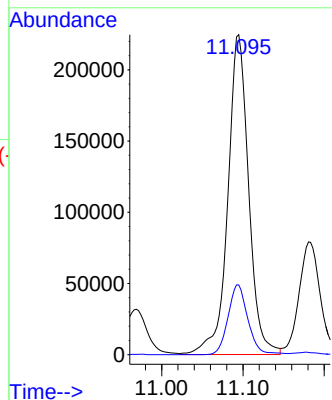
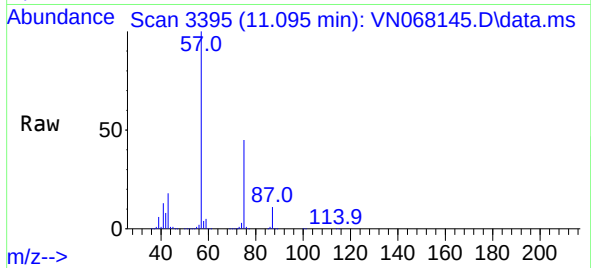




#59
2-Hexanone
Concen: 115.308 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

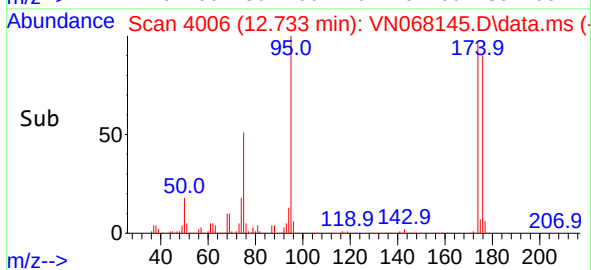
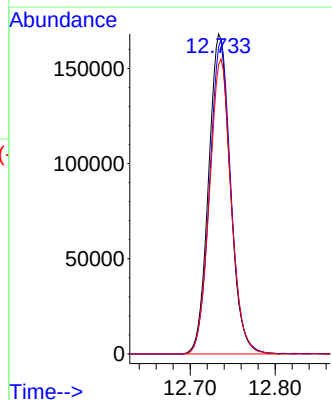
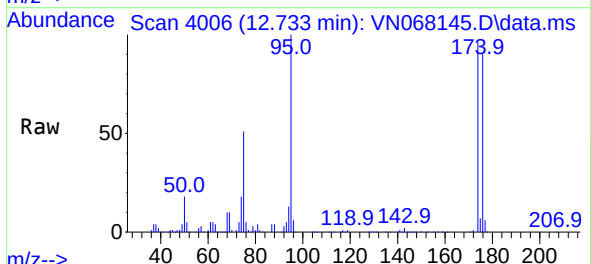
Instrument :
MSVOA_N
ClientSampled :
33S

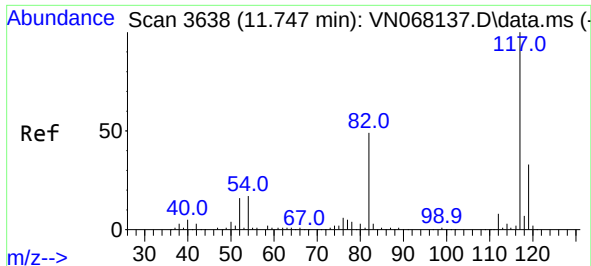
Tgt Ion: 43 Resp: 401111
Ion Ratio Lower Upper
43 100
58 20.8 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 50.940 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion: 95 Resp: 296579
Ion Ratio Lower Upper
95 100
174 96.4 0.0 122.0
176 92.3 0.0 117.6

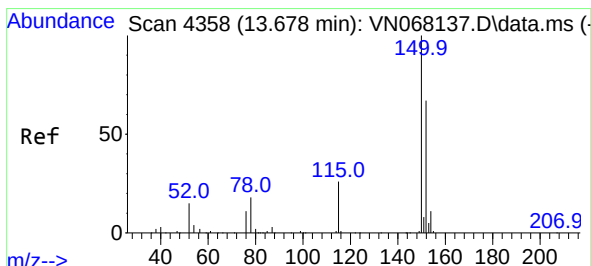
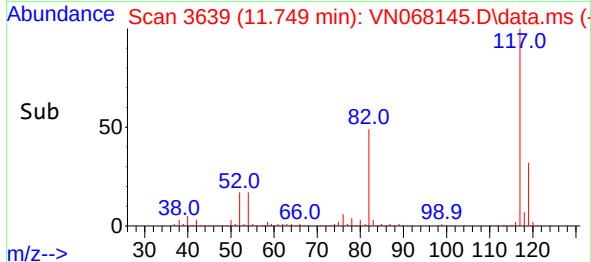
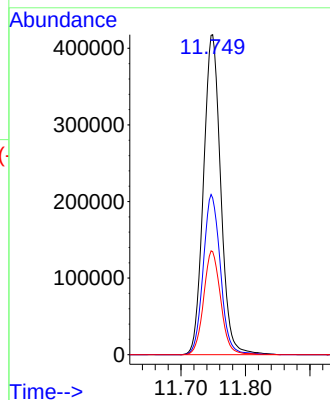
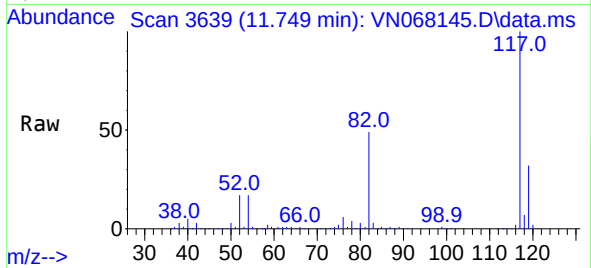




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

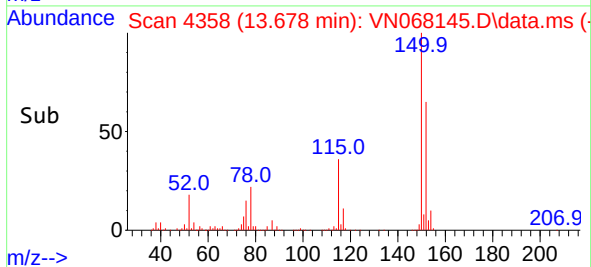
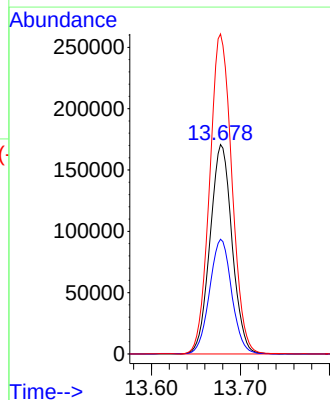
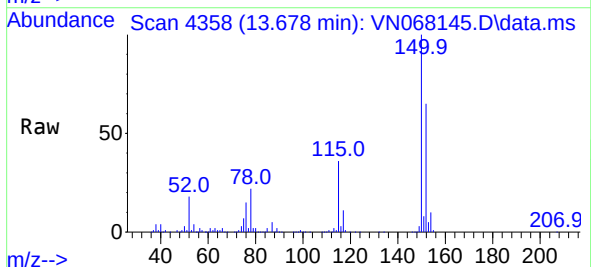
Instrument :
MSVOA_N
ClientSampled :
33S

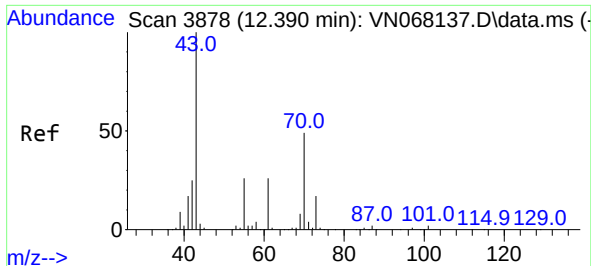
Tgt Ion:117 Resp: 775624
Ion Ratio Lower Upper
117 100
82 48.9 53.1 79.7#
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

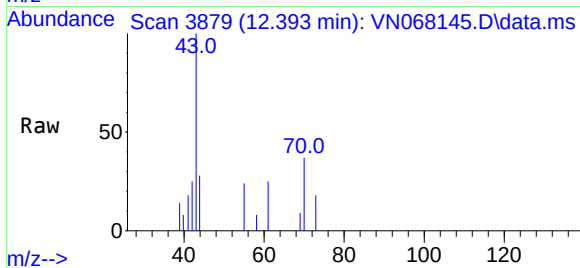
Tgt Ion:152 Resp: 293504
Ion Ratio Lower Upper
152 100
115 55.1 36.1 108.5
150 154.5 0.0 351.8



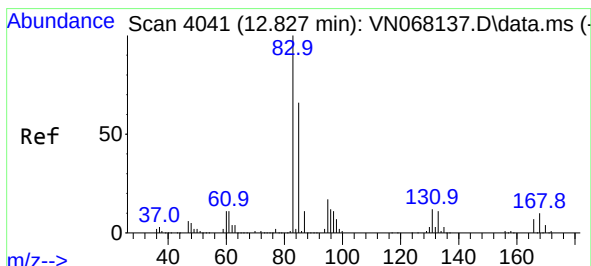
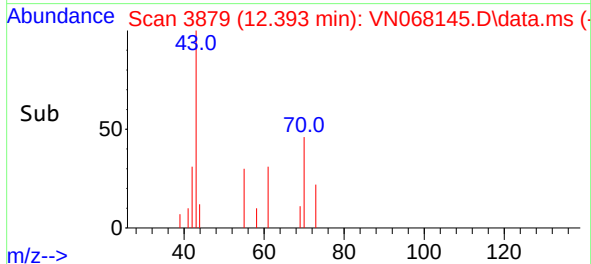
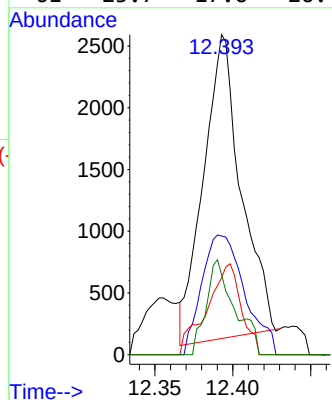


#74
N-amy1 acetate
Concen: 0.759 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

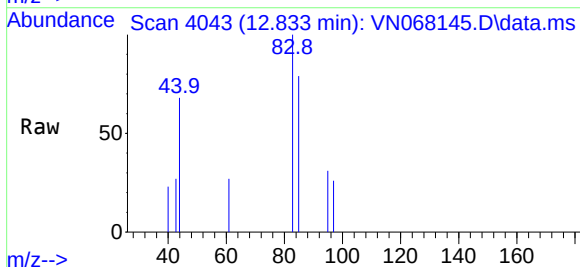
Instrument :
MSVOA_N
ClientSampleId :
33S



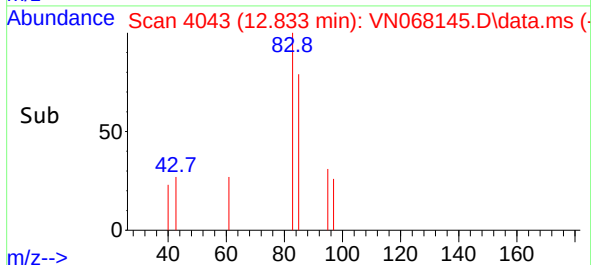
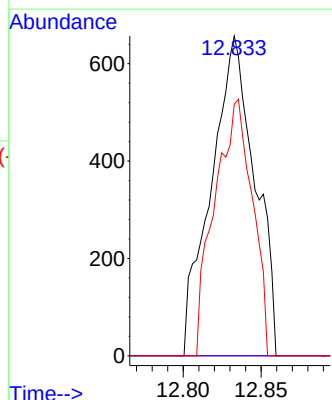
Tgt Ion:	43	Resp:	4128
Ion	Ratio	Lower	Upper
43	100		
70	45.2	29.4	44.2#
55	27.2	17.0	25.4#
61	23.7	17.6	26.4

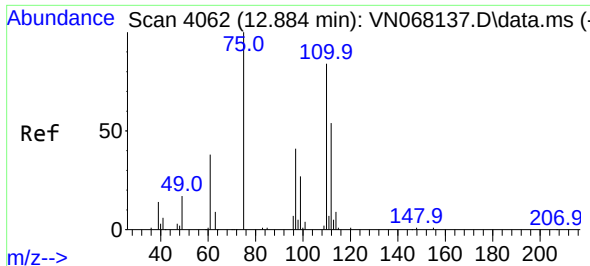


#75
1,1,2,2-Tetrachloroethane
Concen: 0.205 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.006 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04



Tgt Ion:	83	Resp:	1284
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	68.8	32.2	96.6

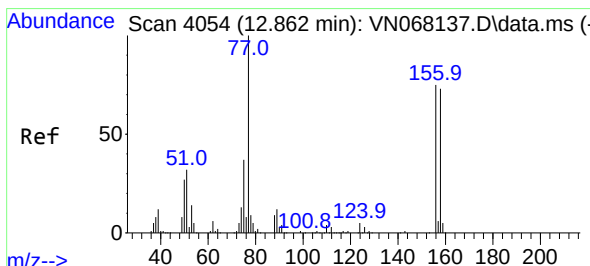
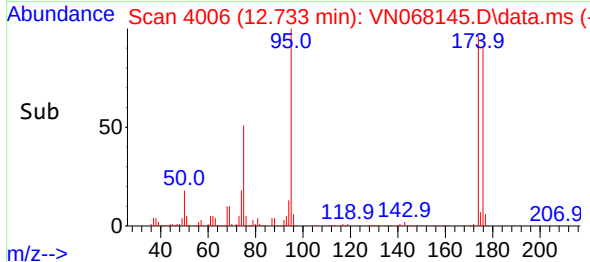
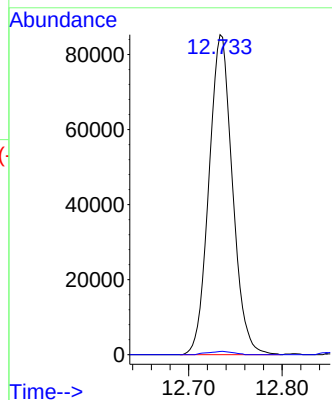
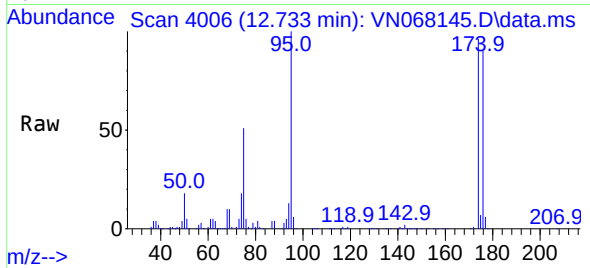




#76
1,2,3-Trichloropropane
Concen: 30.580 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

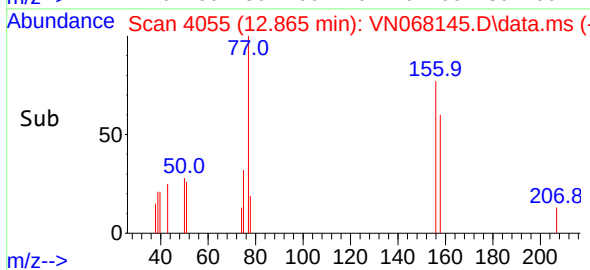
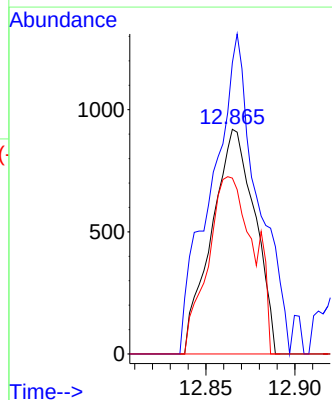
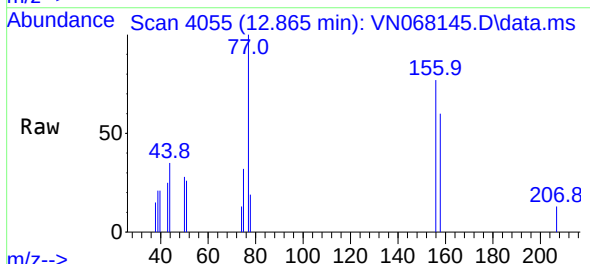
Instrument :
MSVOA_N
ClientSampled :
33S

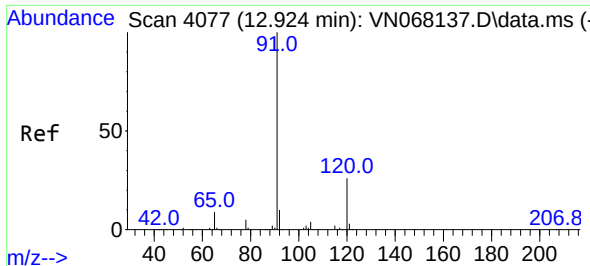
Tgt Ion: 75 Resp: 149181
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#77
Bromobenzene
Concen: 0.271 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:156 Resp: 1558
Ion Ratio Lower Upper
156 100
77 150.7 136.2 408.6
158 82.9 48.4 145.3

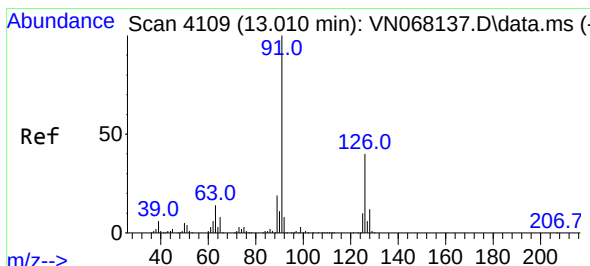
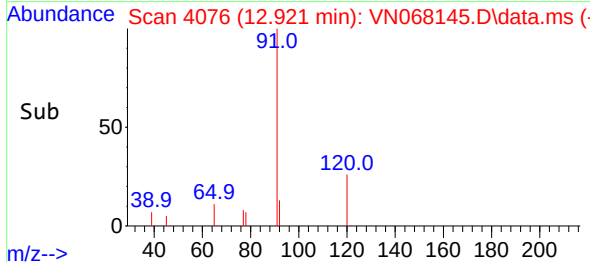
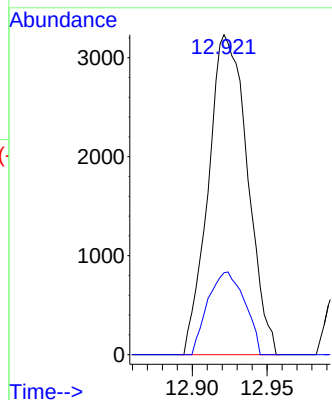
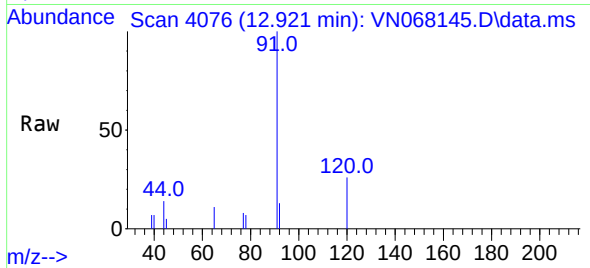




#78
n-propylbenzene
Concen: 0.263 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

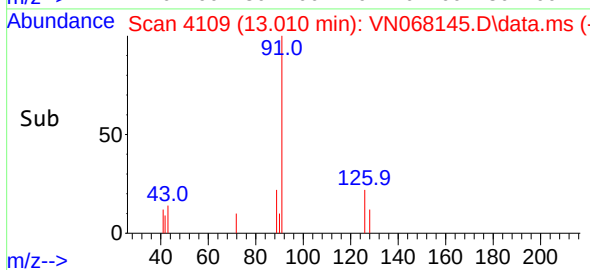
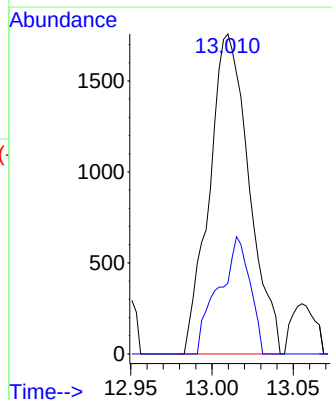
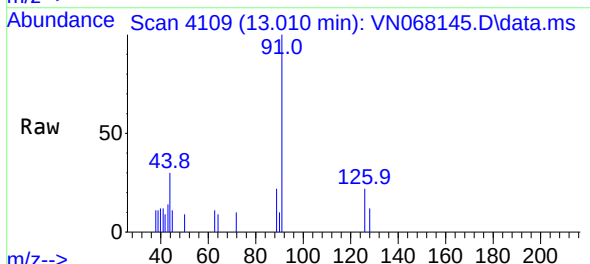
Instrument :
MSVOA_N
ClientSampled :
33S

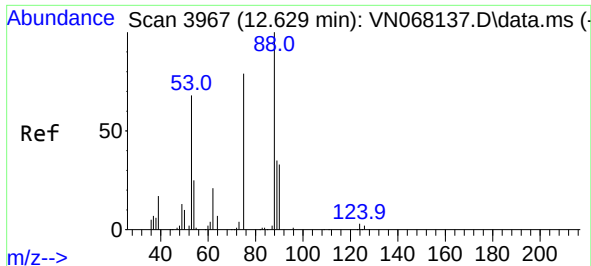
Tgt Ion: 91 Resp: 5887
Ion Ratio Lower Upper
91 100
120 24.3 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

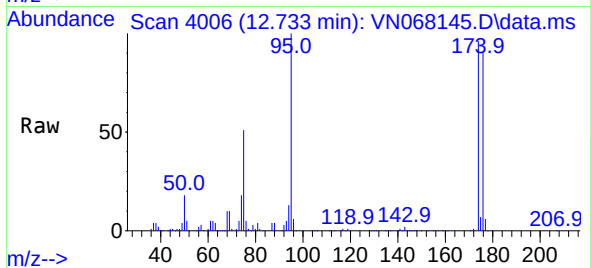
Tgt Ion: 91 Resp: 2994
Ion Ratio Lower Upper
91 100
126 28.7 14.5 43.5



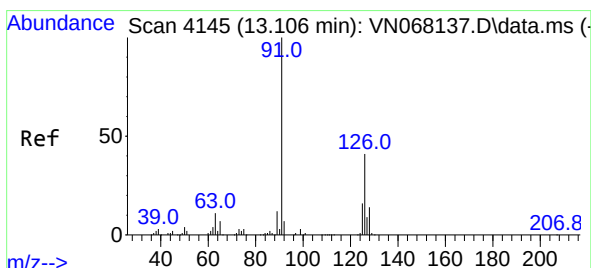
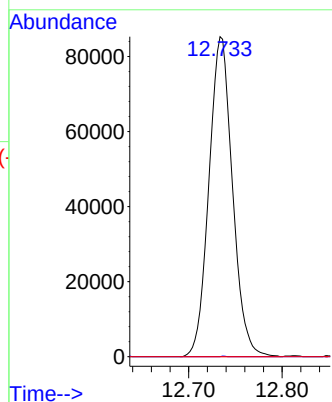
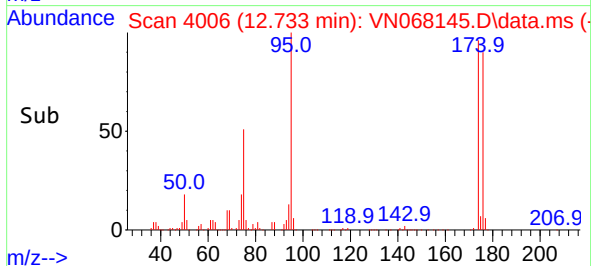


#81
trans-1,4-Dichloro-2-butene
Concen: 100.186 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

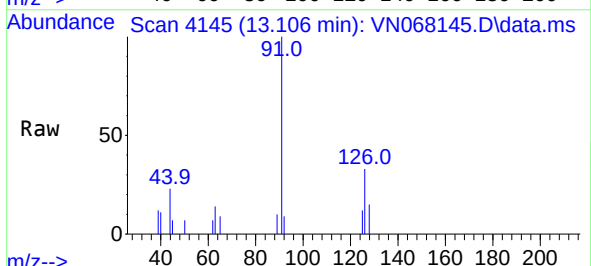
Instrument :
MSVOA_N
ClientSampled :
33S



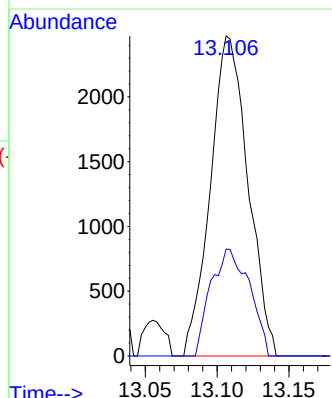
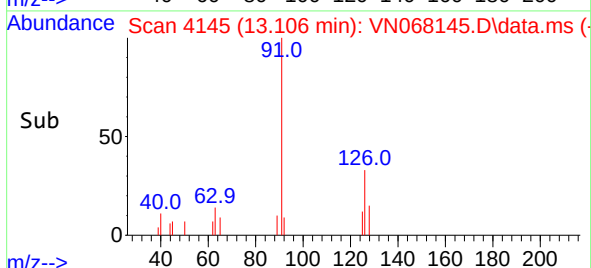
Tgt Ion: 75 Resp: 149181
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#

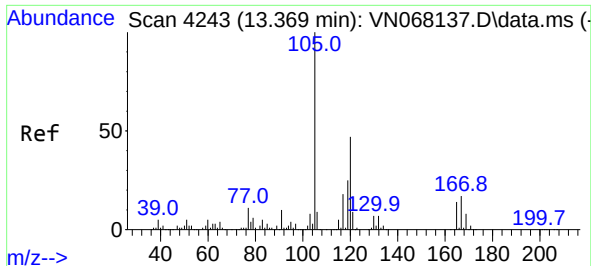


#82
4-Chlorotoluene
Concen: 0.334 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04



Tgt Ion: 91 Resp: 4489
Ion Ratio Lower Upper
91 100
126 34.4 14.8 44.4

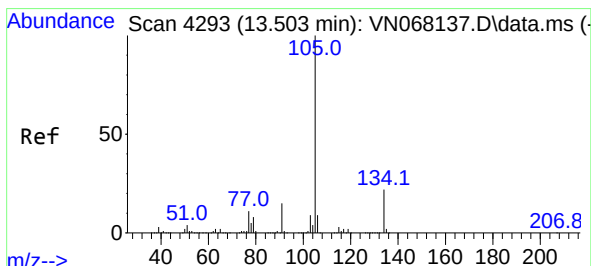
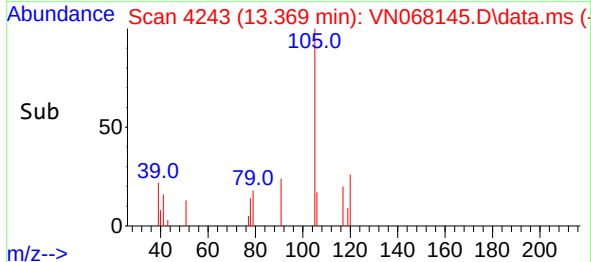
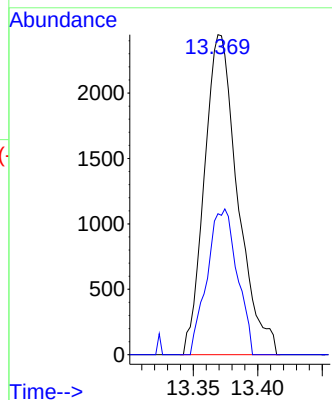
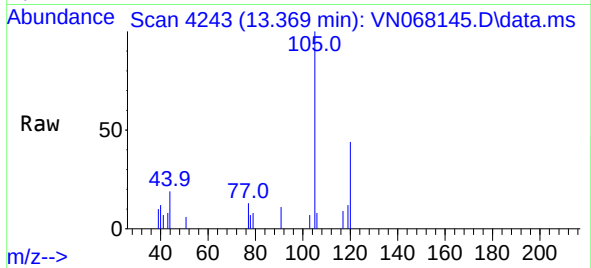




#84
1,2,4-Trimethylbenzene
Concen: 0.267 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

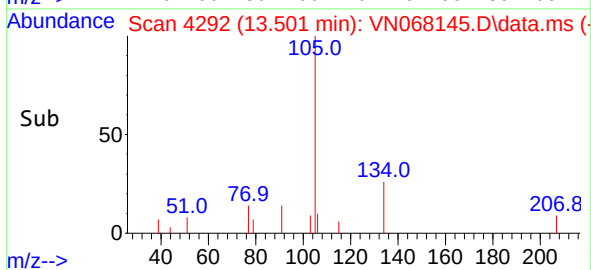
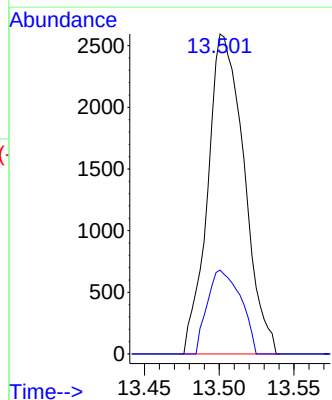
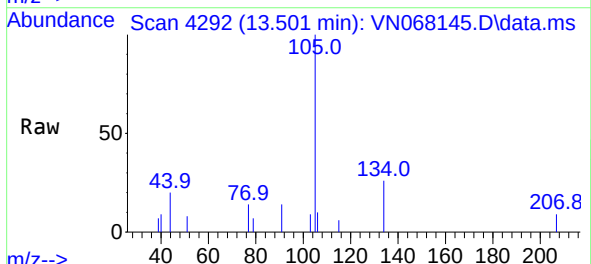
Instrument :
MSVOA_N
ClientSampled :
33S

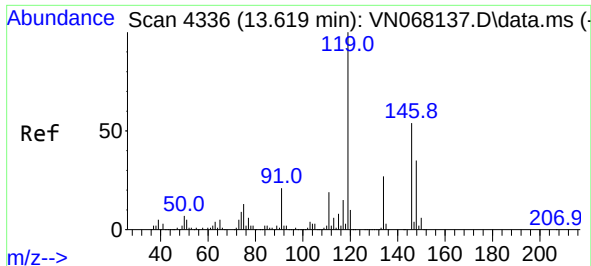
Tgt Ion:105 Resp: 4395
Ion Ratio Lower Upper
105 100
120 41.0 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.222 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:105 Resp: 4387
Ion Ratio Lower Upper
105 100
134 24.0 9.0 27.1

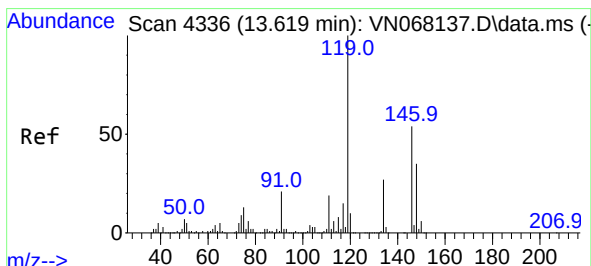
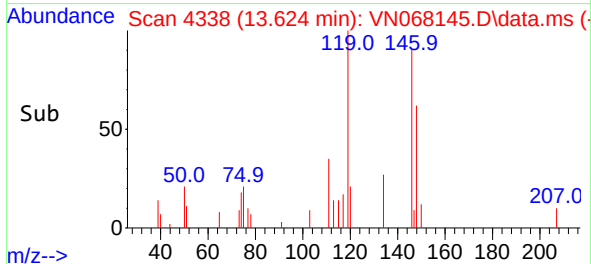
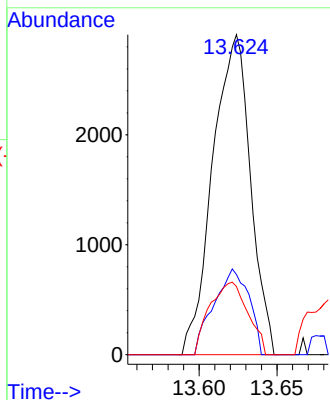
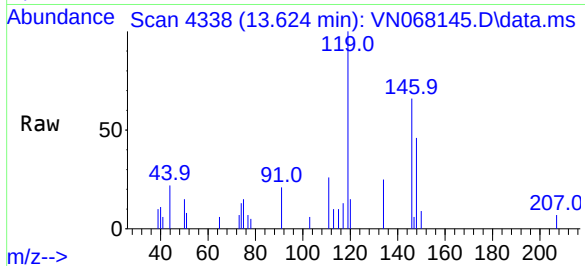




#86
p-Isopropyltoluene
Concen: 0.301 ug/l
RT: 13.624 min Scan# 4338
Delta R.T. 0.005 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

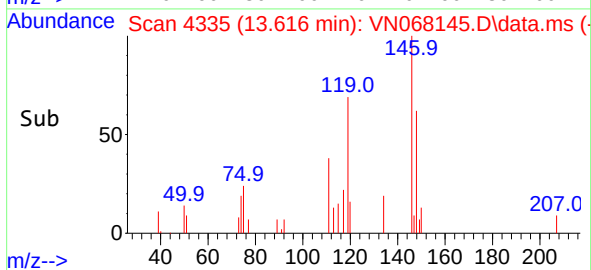
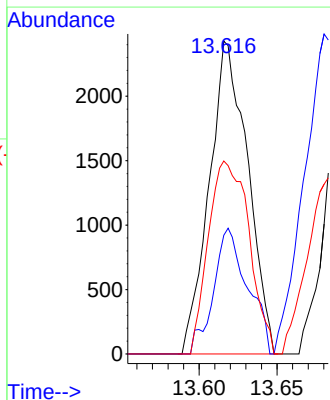
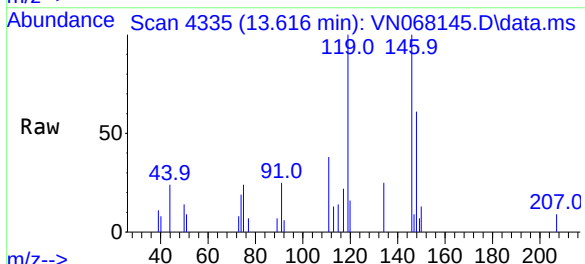
Instrument :
MSVOA_N
ClientSampled :
33S

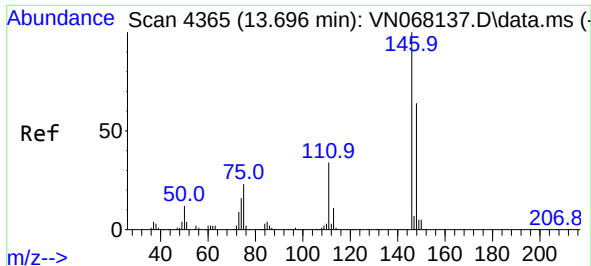
Tgt Ion:	119	Resp:	4906
Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.4	37.4
91	22.9	14.8	44.3



#87
1,3-Dichlorobenzene
Concen: 0.426 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

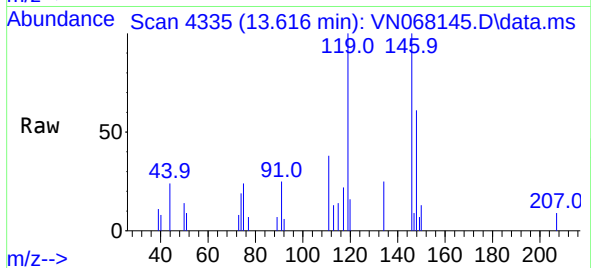
Tgt Ion:	146	Resp:	4173
Ion	Ratio	Lower	Upper
146	100		
111	35.6	24.3	72.8
148	65.3	32.0	96.0



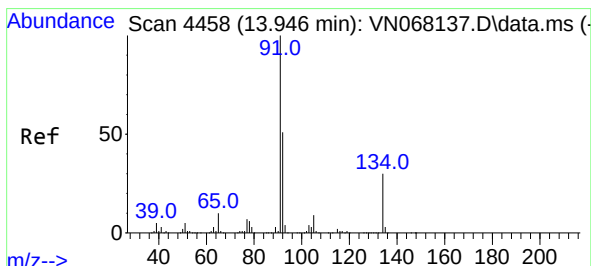
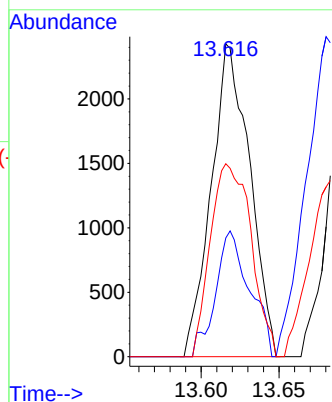
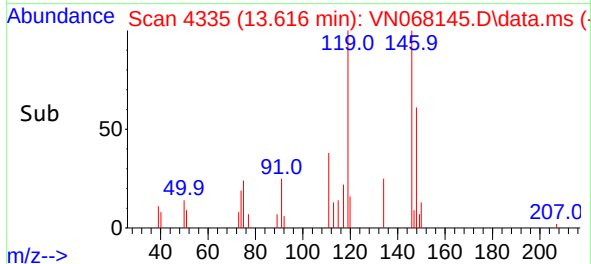


#88
1,4-Dichlorobenzene
Concen: 0.420 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.080 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

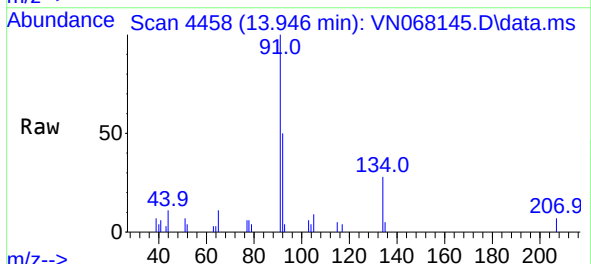
Instrument :
MSVOA_N
ClientSampled :
33S



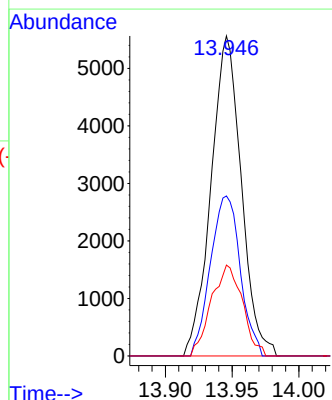
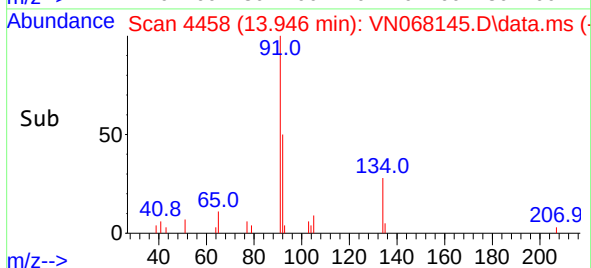
Tgt Ion:146 Resp: 4173
Ion Ratio Lower Upper
146 100
111 35.6 23.4 70.2
148 65.3 31.8 95.3

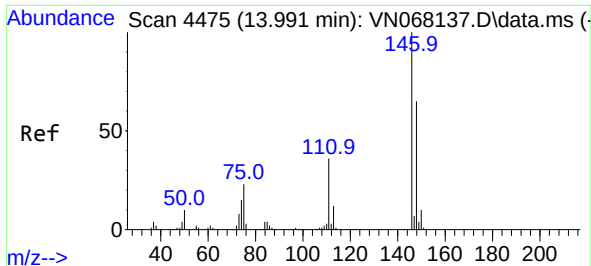


#89
n-Butylbenzene
Concen: 0.722 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04



Tgt Ion: 91 Resp: 8779
Ion Ratio Lower Upper
91 100
92 49.3 25.7 77.1
134 29.2 11.2 33.6

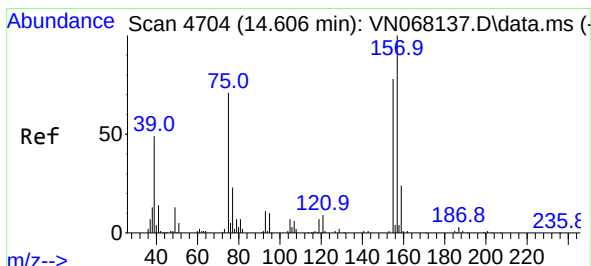
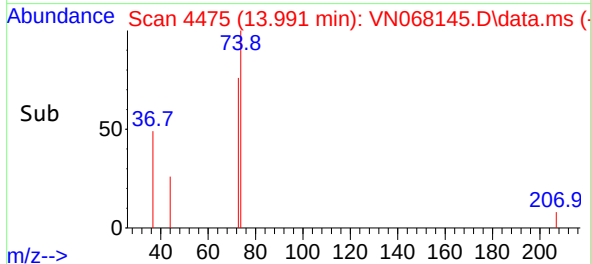
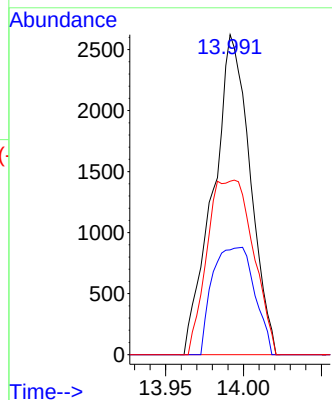
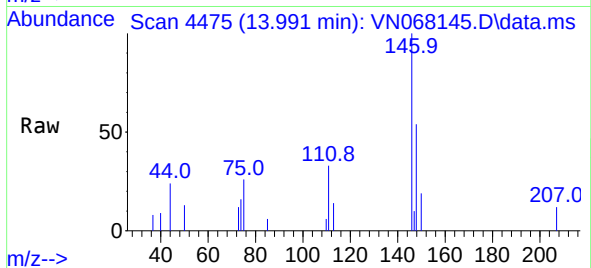




#91
1,2-Dichlorobenzene
Concen: 0.464 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

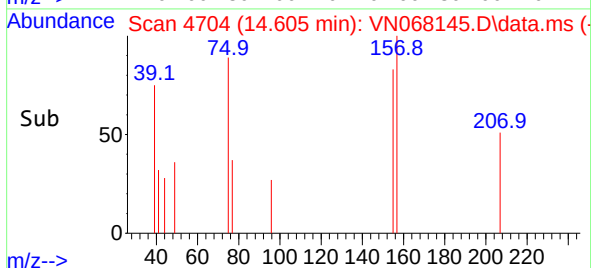
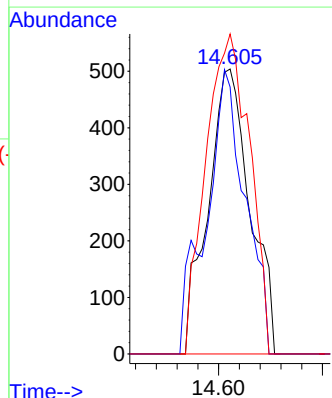
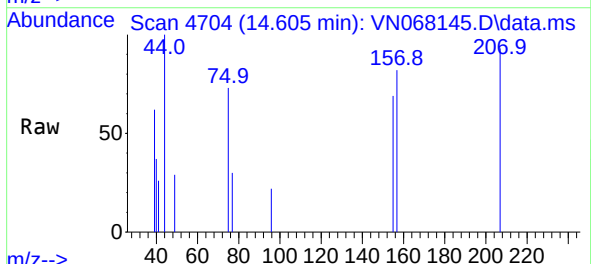
Instrument :
MSVOA_N
ClientSampled :
33S

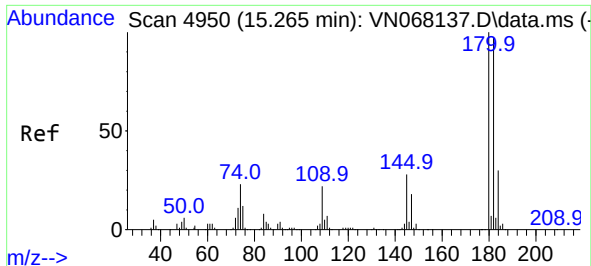
Tgt Ion:146 Resp: 4332
Ion Ratio Lower Upper
146 100
111 38.0 24.9 74.6
148 67.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.748 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

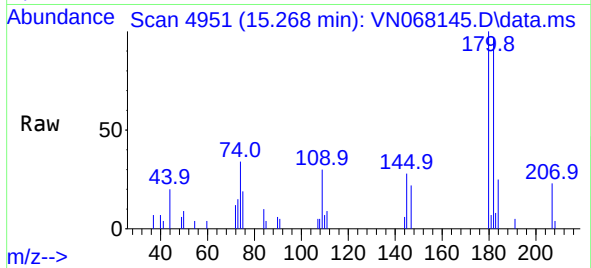
Tgt Ion: 75 Resp: 709
Ion Ratio Lower Upper
75 100
155 92.7 29.8 89.5#
157 117.3 37.6 112.8#



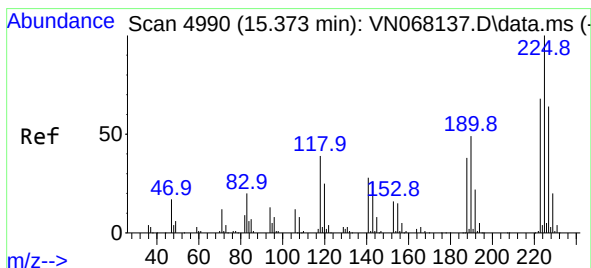
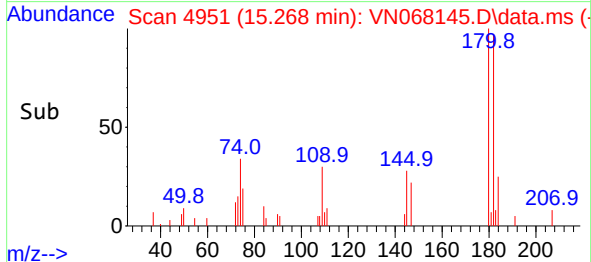
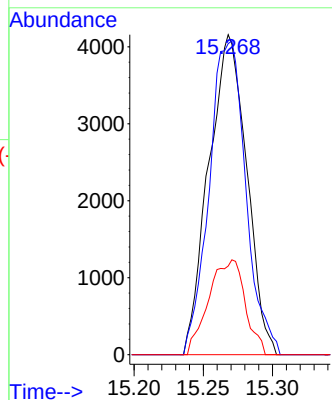


#93
1,2,4-Trichlorobenzene
Concen: 4.213 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

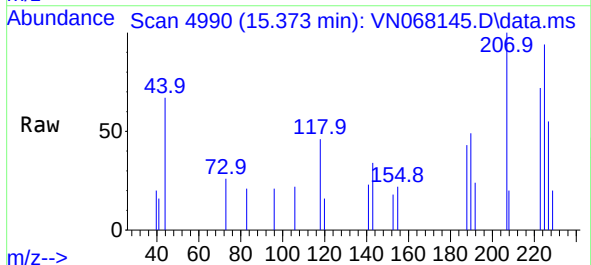
Instrument :
MSVOA_N
ClientSampled :
33S



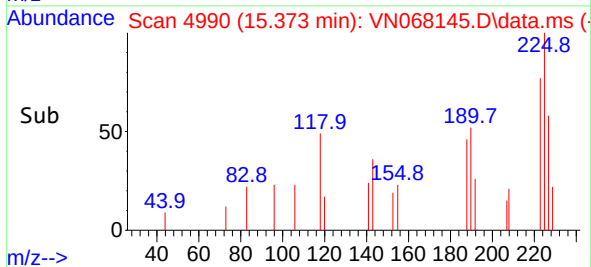
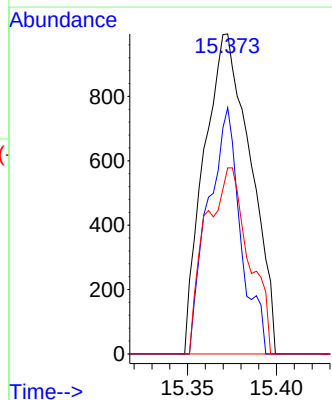
Tgt Ion:180 Resp: 7907
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 28.6 17.2 51.6

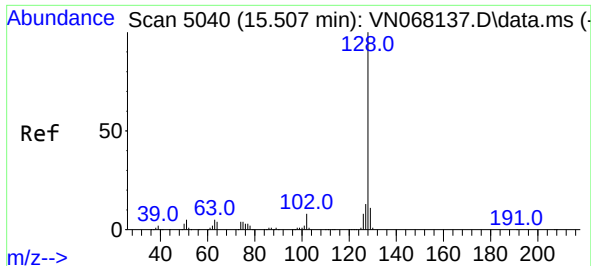


#94
Hexachlorobutadiene
Concen: 0.715 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04



Tgt Ion:225 Resp: 1809
Ion Ratio Lower Upper
225 100
223 53.8 31.4 94.0
227 53.8 31.2 93.6

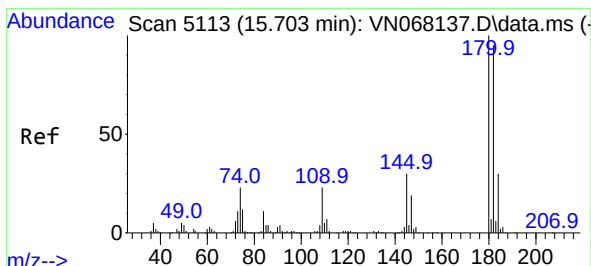
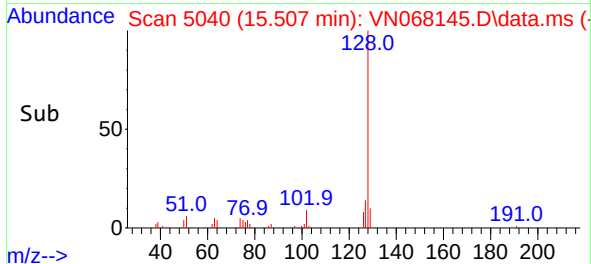
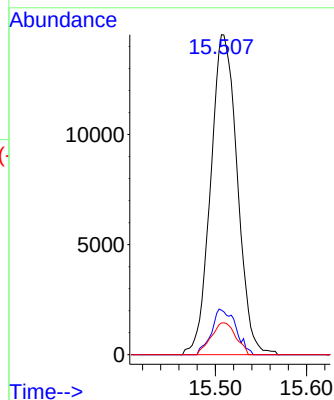
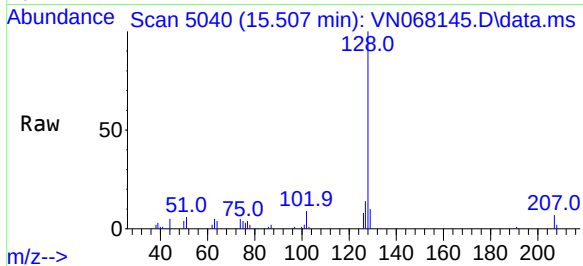




#95
Naphthalene
Concen: 5.737 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Instrument :
MSVOA_N
ClientSampled :
33S

Tgt Ion:	128	Resp:	29548
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	9.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 4.723 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN068145.D
Acq: 17 Aug 2021 16:04

Tgt Ion:	180	Resp:	9322
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.8	143.3
145	33.0	18.2	54.6

