

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066445.D
 Acq On : 31 Mar 2021 17:31
 Operator : JC/MD
 Sample : M1835-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASR12

Quant Time: Apr 01 01:38:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	428588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	654449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	573047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	243784	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	265208	46.55	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.10%
35) Dibromofluoromethane	7.507	113	203469	46.90	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.80%
50) Toluene-d8	10.028	98	806571	49.01	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.02%
62) 4-Bromofluorobenzene	12.345	95	239537	41.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.82%

Target Compounds						Qvalue
3) Chloromethane	2.019	50	2113	Below Cal		89
5) Bromomethane	2.526	94	893	0.22 ug/l	#	57
11) Tert butyl alcohol	4.701	59	12276	14.13 ug/l	#	85
13) Acrolein	3.494	56	13979	Below Cal	#	1
14) Allyl chloride	4.433	41	196441	20.22 ug/l	#	63
16) Acetone	3.720	43	117360	38.13 ug/l	#	59
17) Carbon Disulfide	3.966	76	7834	0.54 ug/l		100
18) Methyl Acetate	4.430	43	482552	60.02 ug/l	#	54
19) Methyl tert-butyl Ether	4.943	73	31921	2.19 ug/l	#	1
20) Methylene Chloride	4.436	84	1583	Below Cal	#	1
25) 2-Butanone	6.742	43	6838	2.03 ug/l	#	79
29) Tetrahydrofuran	7.126	42	2106	0.96 ug/l	#	69
31) Cyclohexane	7.571	56	107391	13.62 ug/l		96
36) 1,1-Dichloropropene	7.582	75	31483	5.12 ug/l	#	49
38) Carbon Tetrachloride	7.582	117	39962	6.47 ug/l	#	17
39) Methylcyclohexane	9.011	83	26597	3.55 ug/l		97
40) Benzene	7.963	78	1004772	54.11 ug/l		100
42) 1,2-Dichloroethane	7.963	62	8624	1.30 ug/l		97
43) Isopropyl Acetate	8.070	43	13229	1.14 ug/l	#	61
48) Methyl methacrylate	9.148	41	6802	1.24 ug/l	#	30
49) 1,4-Dioxane	9.140	88	772	11.16 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.926	43	15507	2.29 ug/l		99
52) Toluene	10.092	92	129693	11.38 ug/l		98
55) 1,1,2-Trichloroethane	10.473	97	2703	0.59 ug/l	#	21
56) Ethyl methacrylate	10.368	69	1640	0.23 ug/l	#	55
58) 2-Chloroethyl Vinyl ether	9.628	63	54	25.66 ug/l	#	49
59) 2-Hexanone	10.701	43	13341	2.82 ug/l		92
67) Ethyl Benzene	11.455	91	1805417	87.06 ug/l		100
68) m/p-Xylenes	11.567	106	295049	37.44 ug/l		99
69) o-Xylene	11.889	106	17176	2.26 ug/l		97
70) Styrene	11.908	104	3741	0.30 ug/l	#	25
73) Isopropylbenzene	12.192	105	142839	7.88 ug/l		99
74) N-amyl acetate	12.034	43	746	3.29 ug/l	#	86
76) 1,2,3-Trichloropropane	12.345	75	124608	23.29 ug/l	#	100
77) Bromobenzene	12.468	156	1478	0.32 ug/l		57
78) n-propylbenzene	12.535	91	243971	12.37 ug/l		98

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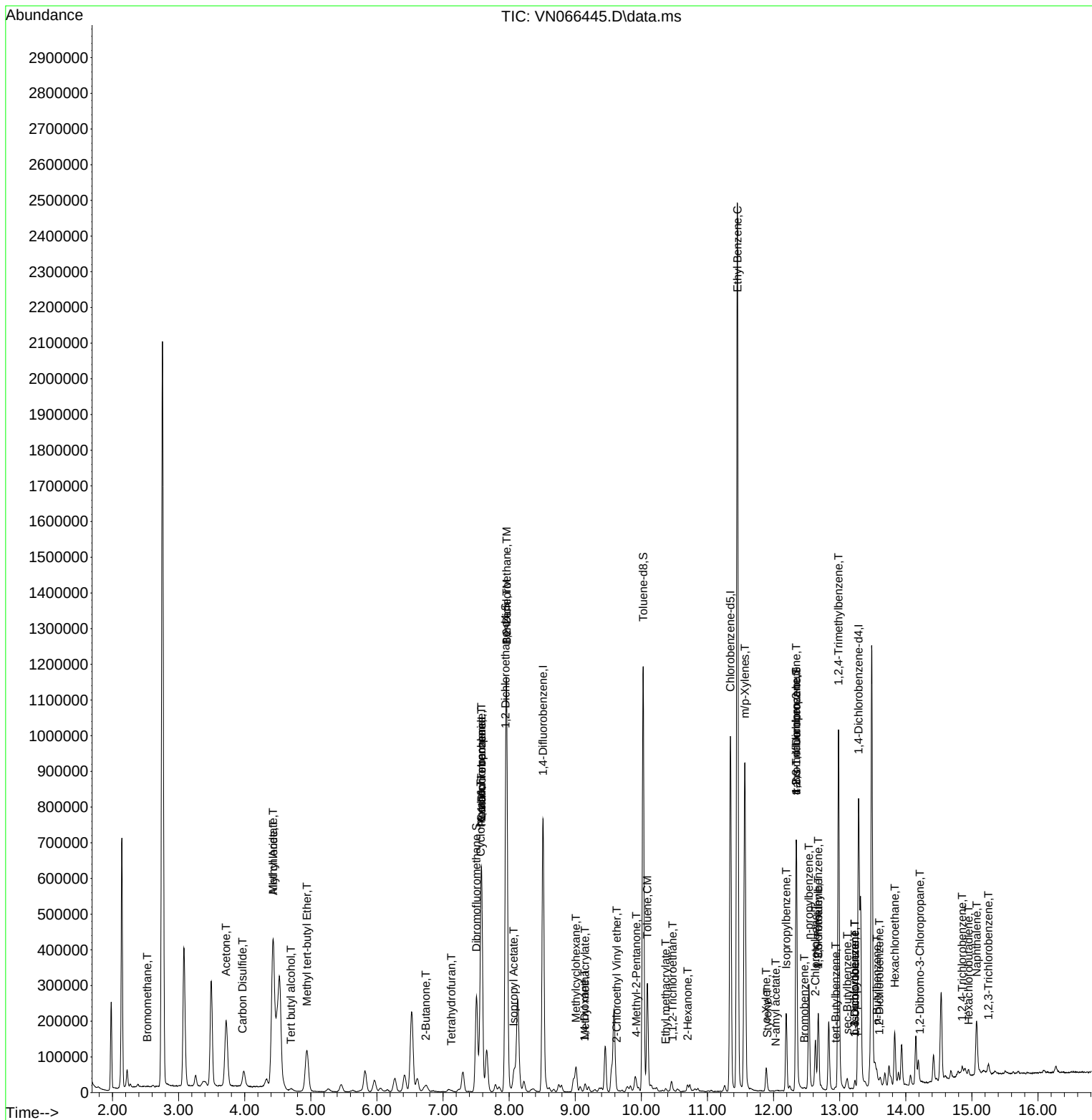
Quant Time: Apr 01 01:38:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
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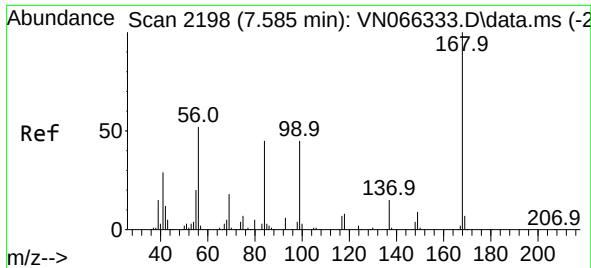
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.632	91	10950	0.90	ug/l #	55
80) 1,3,5-Trimethylbenzene	12.678	105	122414	8.25	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.345	75	124608	70.05	ug/l #	12
82) 4-Chlorotoluene	12.678	91	9336	0.77	ug/l #	41
83) tert-Butylbenzene	12.940	119	3252	0.25	ug/l	94
84) 1,2,4-Trimethylbenzene	12.983	105	591901	41.07	ug/l	100
85) sec-Butylbenzene	13.117	105	20123	1.22	ug/l	82
86) p-Isopropyltoluene	13.233	119	8723	0.59	ug/l #	70
87) 1,3-Dichlorobenzene	13.227	146	3455	0.45	ug/l	95
88) 1,4-Dichlorobenzene	13.227	146	3455	0.43	ug/l	94
89) n-Butylbenzene	13.563	91	16688	1.36	ug/l #	68
90) Hexachloroethane	13.833	117	8896	3.33	ug/l #	6
91) 1,2-Dichlorobenzene	13.600	146	3129	0.41	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.214	75	361	0.33	ug/l	74
93) 1,2,4-Trichlorobenzene	14.855	180	8918	1.90	ug/l	93
94) Hexachlorobutadiene	14.949	225	3438	1.35	ug/l	97
95) Naphthalene	15.073	128	155043	12.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	9795	2.08	ug/l	95

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

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Response via : Initial Calibration

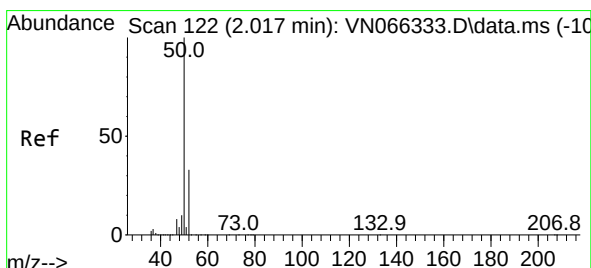
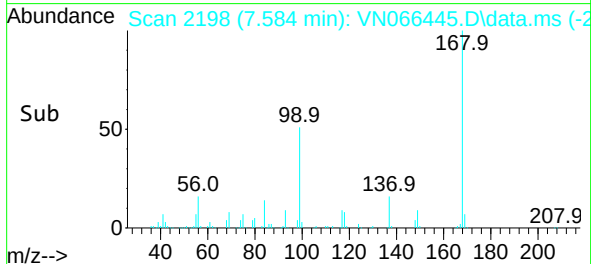
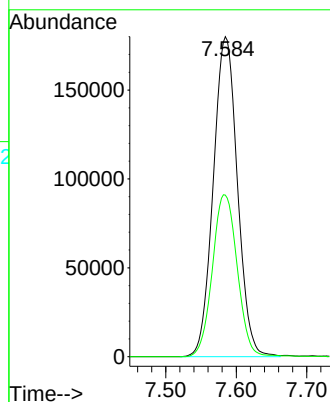
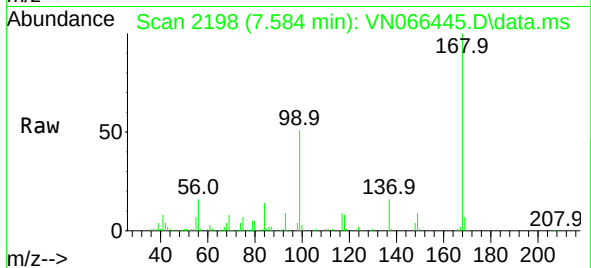




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066445.D
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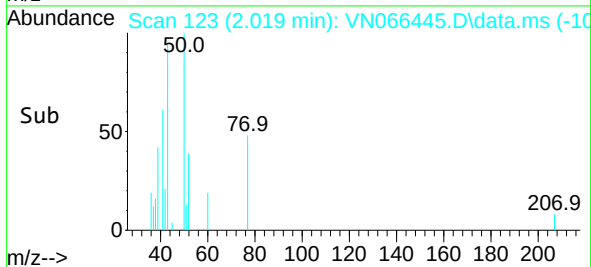
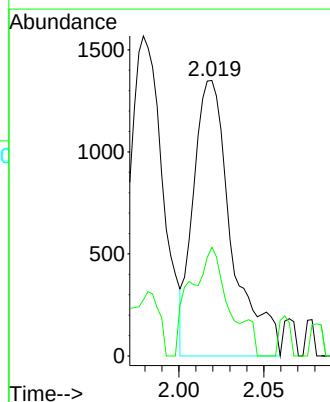
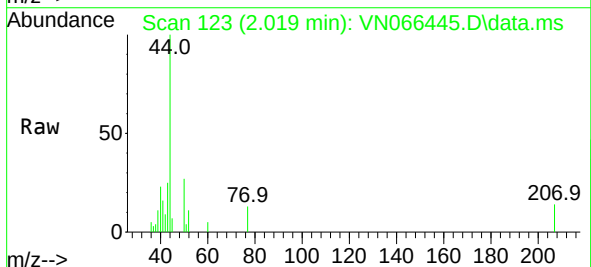
Instrument :
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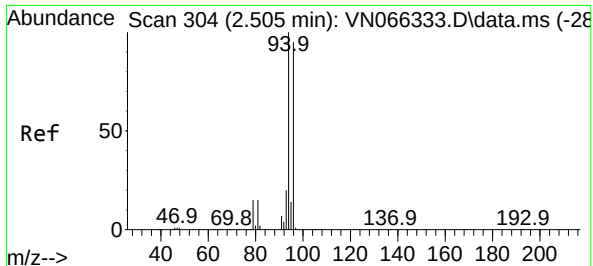
Tgt Ion:168 Resp: 428588
Ion Ratio Lower Upper
168 100
99 50.5 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.019 min Scan# 123
Delta R.T. 0.002 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 50 Resp: 2113
Ion Ratio Lower Upper
50 100
52 26.4 26.2 39.2

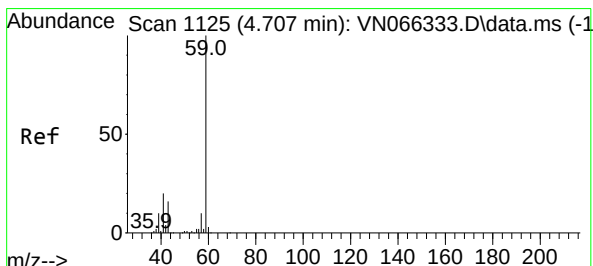
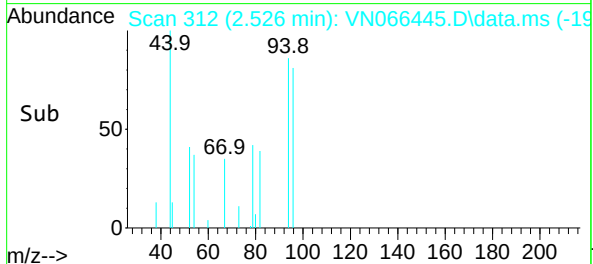
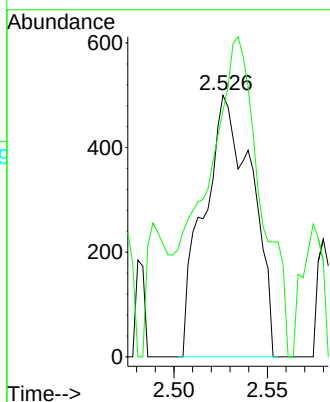
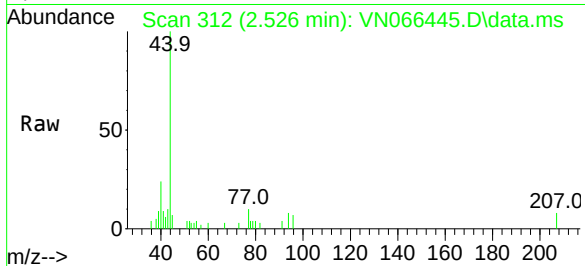




#5
Bromomethane
Concen: 0.22 ug/l
RT: 2.526 min Scan# 312
Delta R.T. 0.021 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

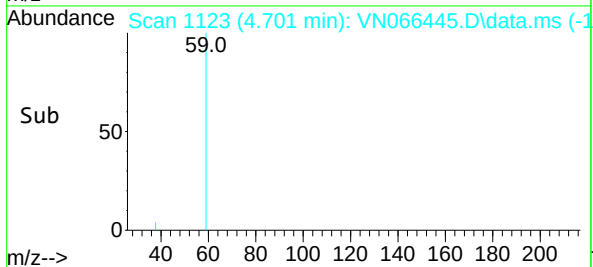
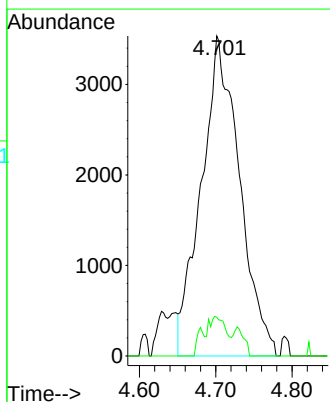
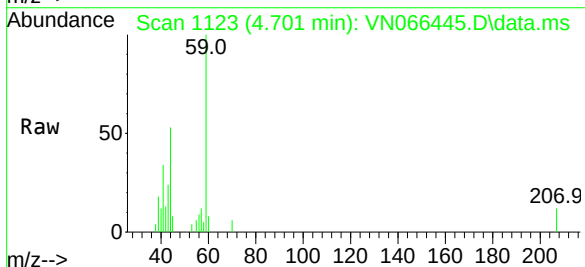
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ClientSampleId :
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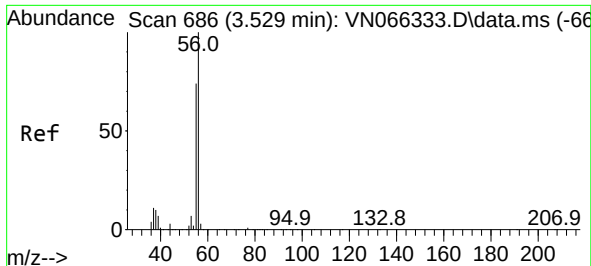
Tgt Ion: 94 Resp: 893
Ion Ratio Lower Upper
94 100
96 53.2 75.8 113.6#



#11
Tert butyl alcohol
Concen: 14.13 ug/l
RT: 4.701 min Scan# 1123
Delta R.T. -0.005 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 59 Resp: 12276
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#

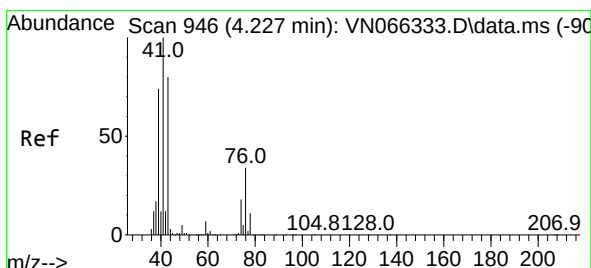
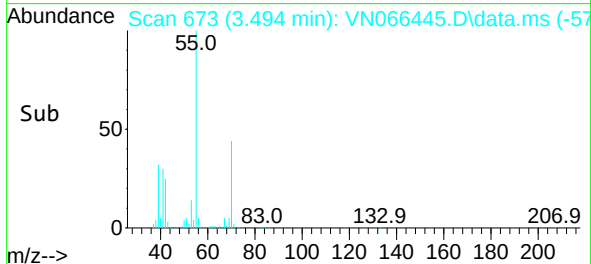
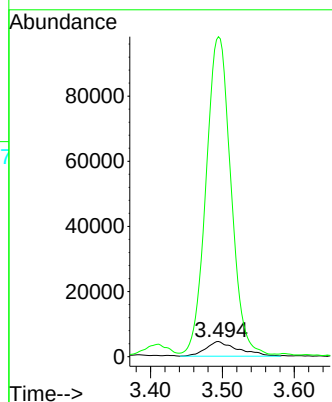
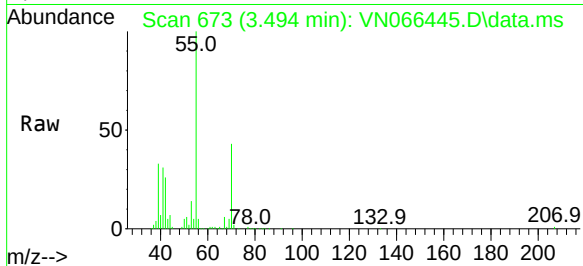




#13
Acrolein
Concen: Below Cal
RT: 3.494 min Scan# 673
Delta R.T. -0.035 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

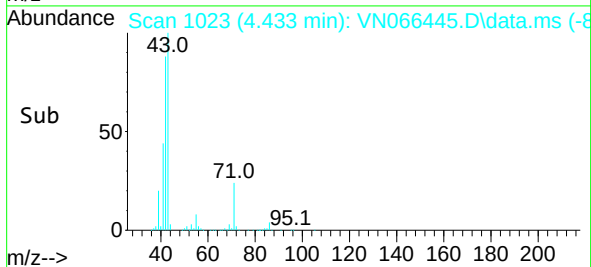
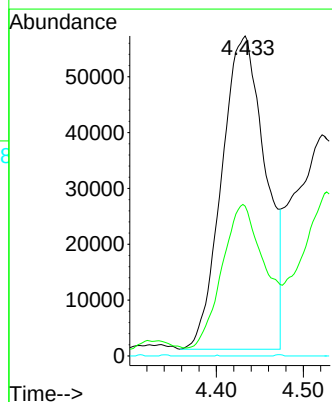
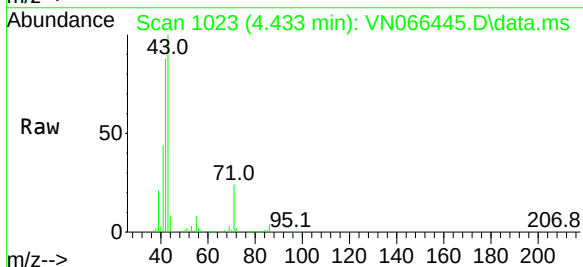
Instrument :
MSVOA_N
ClientSampleId :
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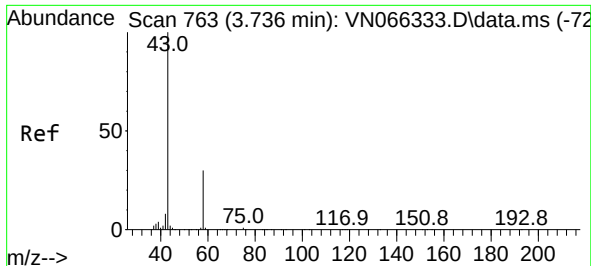
Tgt Ion: 56 Resp: 13979
Ion Ratio Lower Upper
56 100
55 1671.0 57.9 86.9#



#14
Allyl chloride
Concen: 20.22 ug/l
RT: 4.433 min Scan# 1023
Delta R.T. 0.206 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 41 Resp: 196441
Ion Ratio Lower Upper
41 100
39 45.3 55.3 82.9#
76 0.0 24.6 36.8#

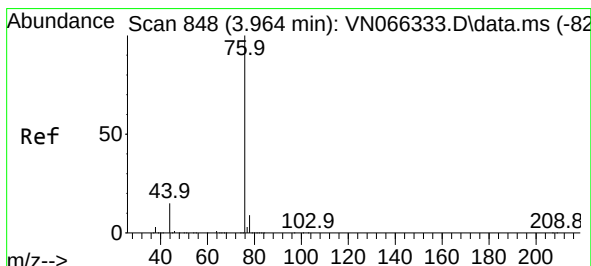
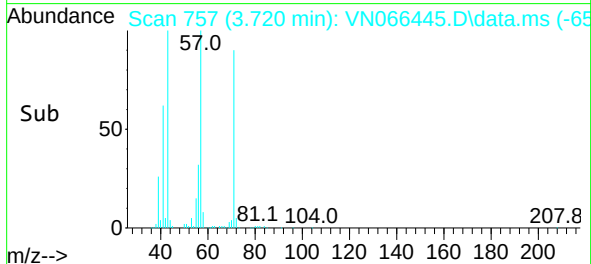
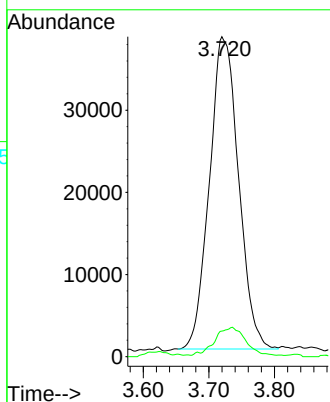
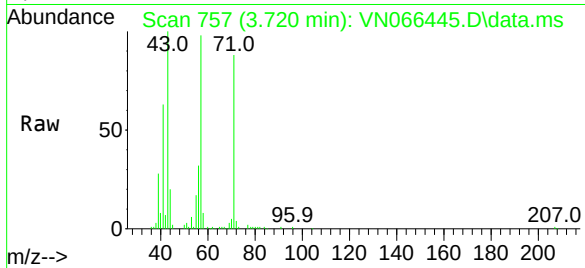




#16
Acetone
Concen: 38.13 ug/l
RT: 3.720 min Scan# 757
Delta R.T. -0.016 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

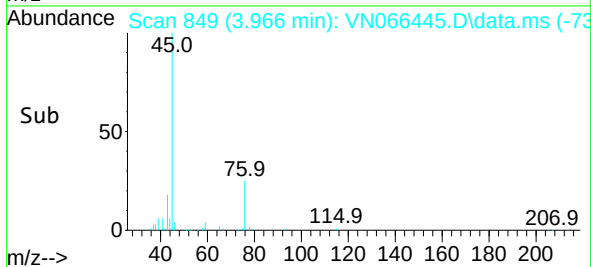
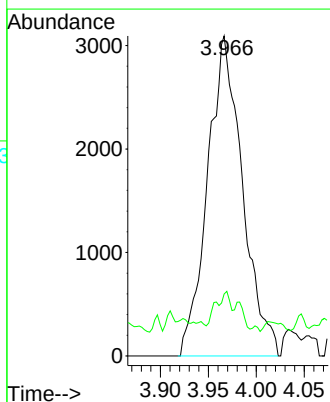
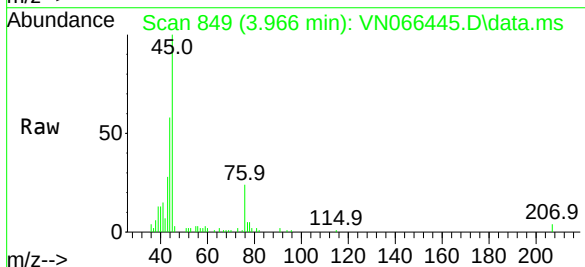
Instrument :
MSVOA_N
ClientSampled :
ASR12

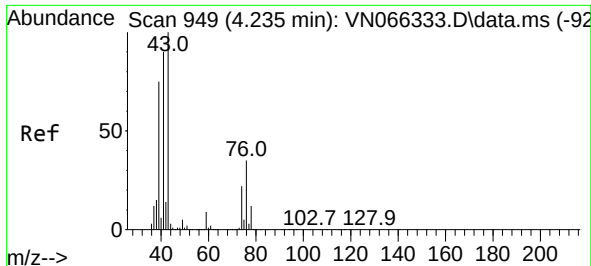
Tgt Ion: 43 Resp: 117360
Ion Ratio Lower Upper
43 100
58 7.7 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 3.966 min Scan# 849
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 76 Resp: 7834
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

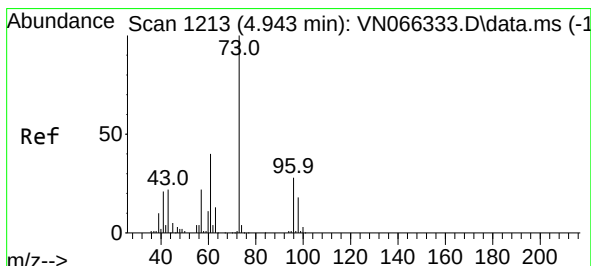
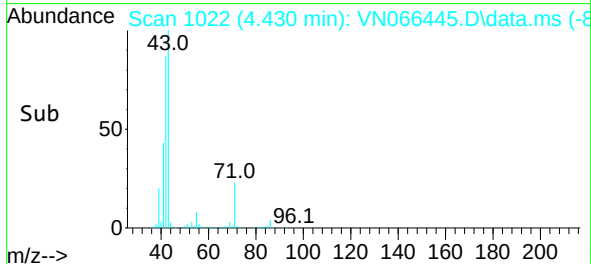
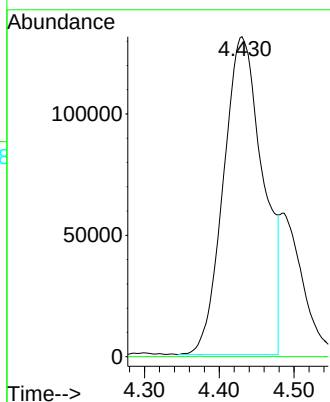
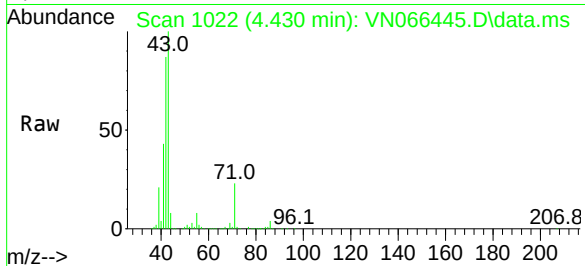




#18
Methyl Acetate
Concen: 60.02 ug/l
RT: 4.430 min Scan# 1022
Delta R.T. 0.196 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

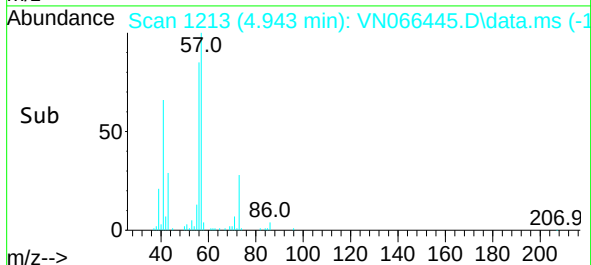
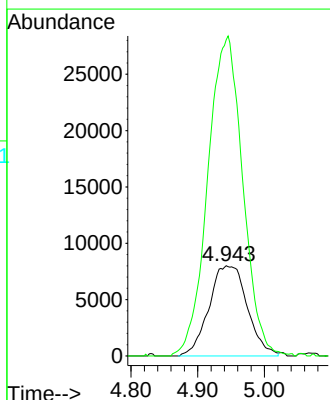
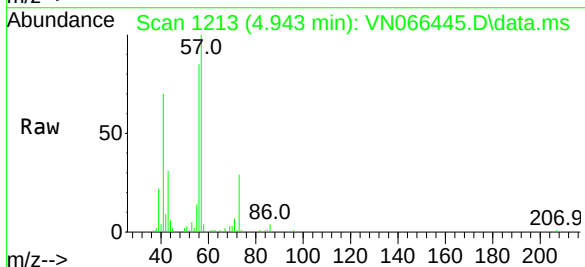
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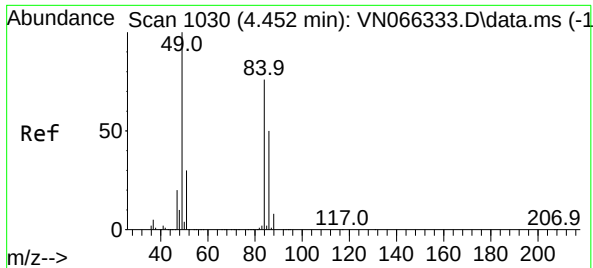
Tgt Ion: 43 Resp: 482552
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 2.19 ug/l
RT: 4.943 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

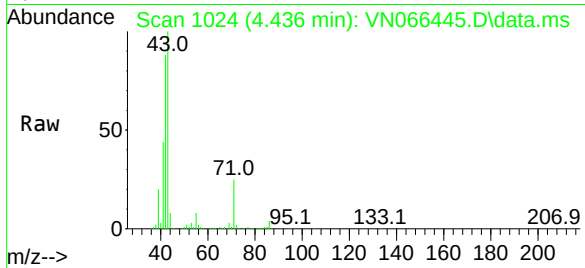
Tgt Ion: 73 Resp: 31921
Ion Ratio Lower Upper
73 100
57 345.3 17.6 26.4#



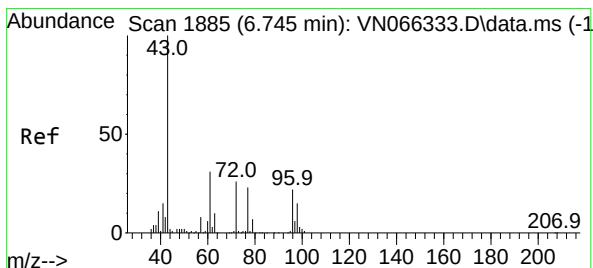
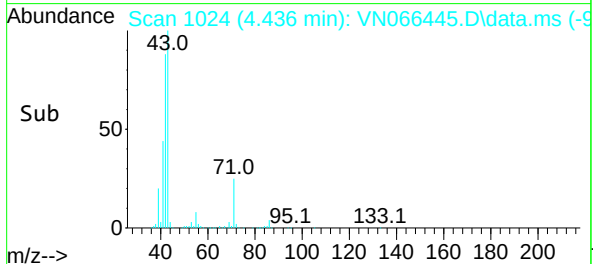
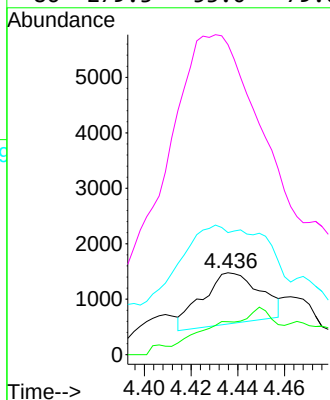


#20
Methylene Chloride
Concen: Below Cal
RT: 4.436 min Scan# 1024
Delta R.T. -0.016 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Instrument :
MSVOA_N
ClientSampled :
ASR12

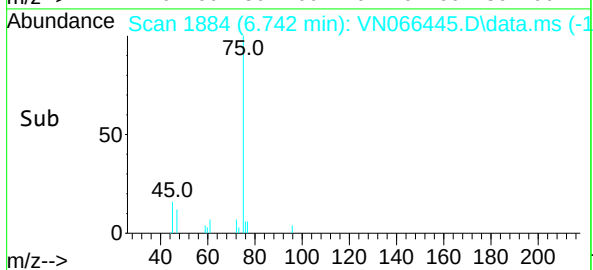
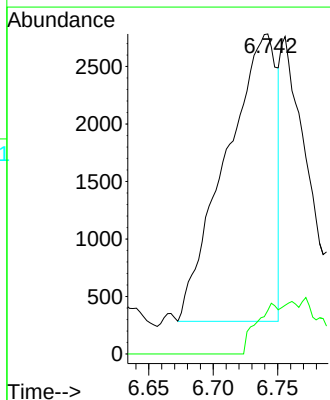
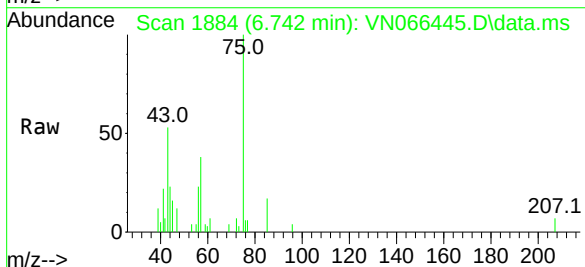


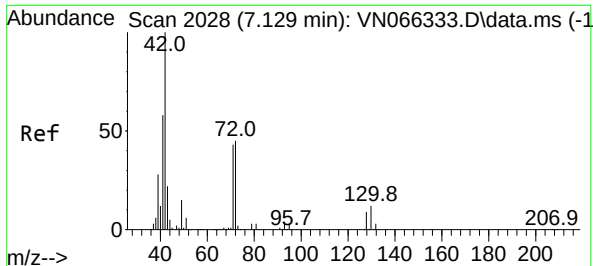
Tgt Ion: 84 Resp: 1583
Ion Ratio Lower Upper
84 100
49 47.9 105.0 157.6#
51 69.7 31.6 47.4#
86 279.3 53.0 79.6#



#25
2-Butanone
Concen: 2.03 ug/l
RT: 6.742 min Scan# 1884
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 43 Resp: 6838
Ion Ratio Lower Upper
43 100
72 15.2 20.7 31.1#

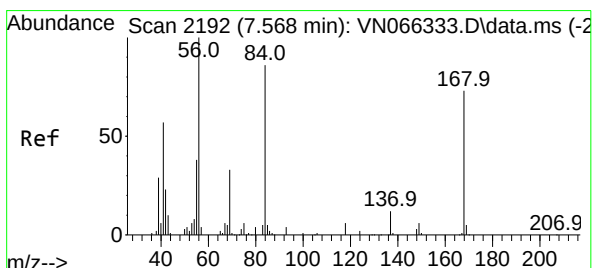
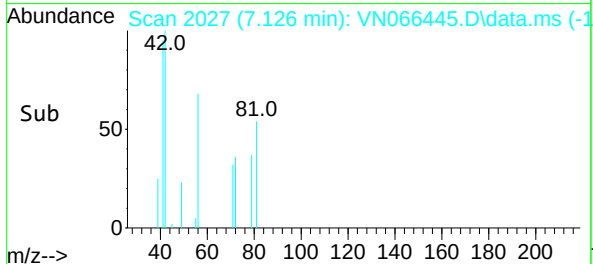
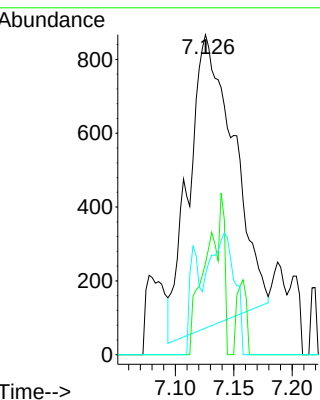
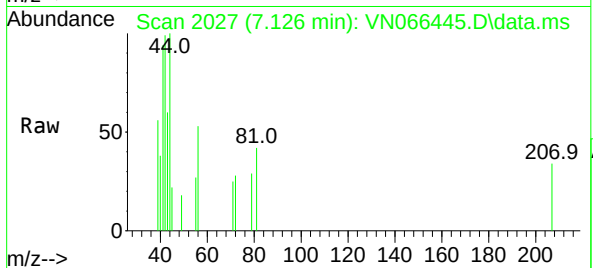




#29
Tetrahydrofuran
Concen: 0.96 ug/l
RT: 7.126 min Scan# 2027
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

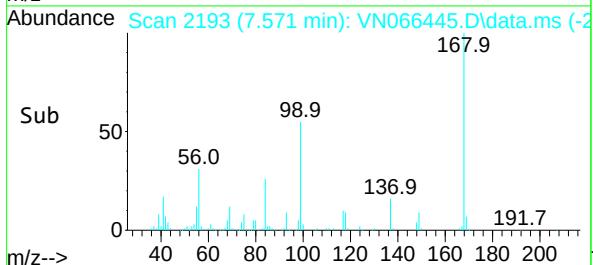
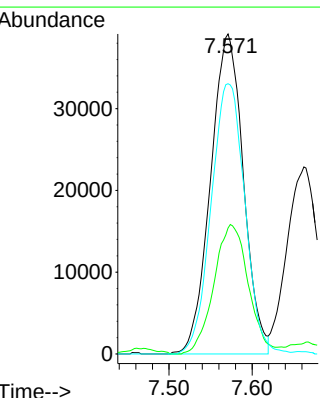
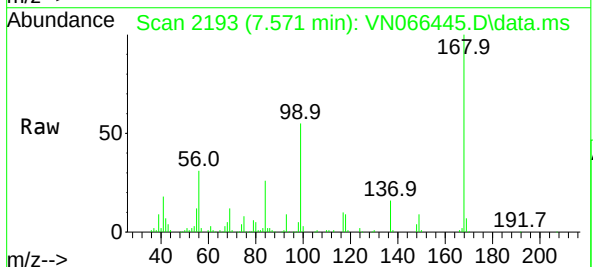
Instrument :
MSVOA_N
ClientSampleId :
ASR12

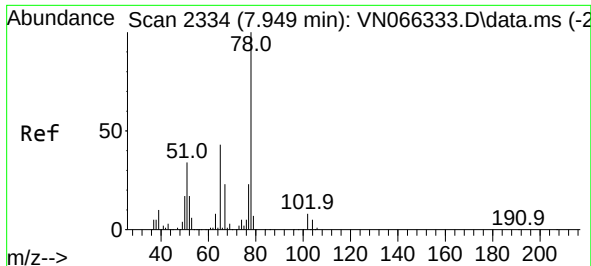
Tgt Ion:	42	Resp:	2106
Ion	Ratio	Lower	Upper
42	100		
72	22.6	35.2	52.8#
71	23.5	33.1	49.7#



#31
Cyclohexane
Concen: 13.62 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:	56	Resp:	107391
Ion	Ratio	Lower	Upper
56	100		
69	38.9	26.6	40.0
84	84.5	68.7	103.1

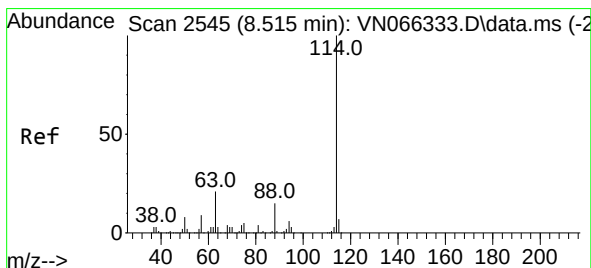
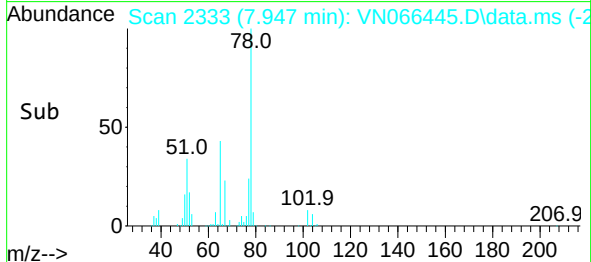
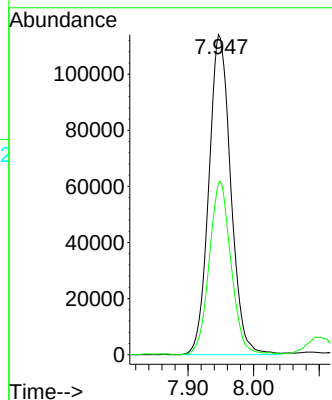
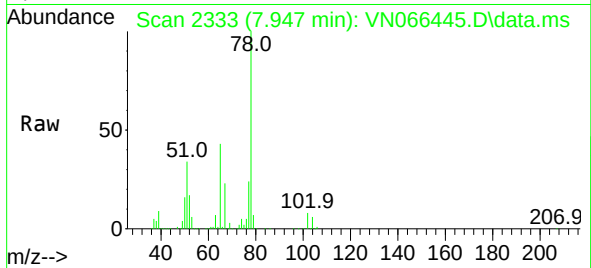




#33
 1,2-Dichloroethane-d4
 Concen: 46.55 ug/l
 RT: 7.947 min Scan# 2333
 Delta R.T. -0.002 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

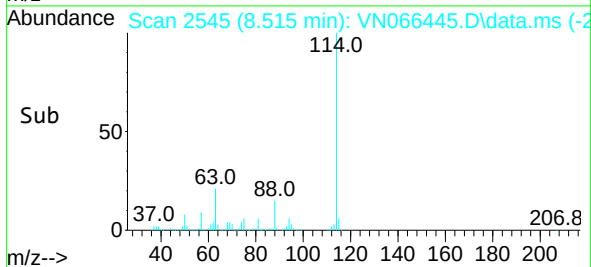
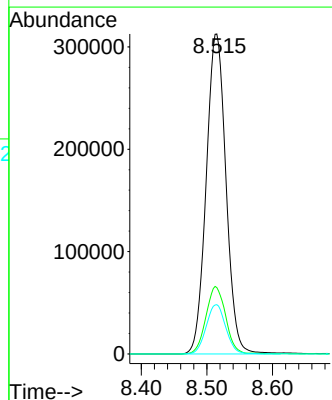
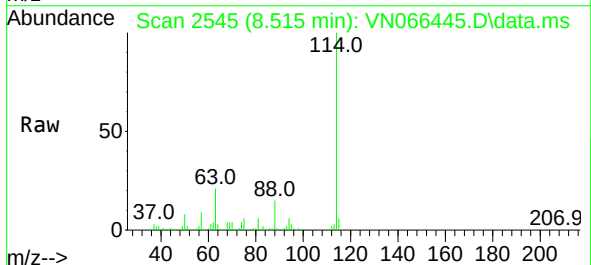
Instrument :
 MSVOA_N
 ClientSampleId :
 ASR12

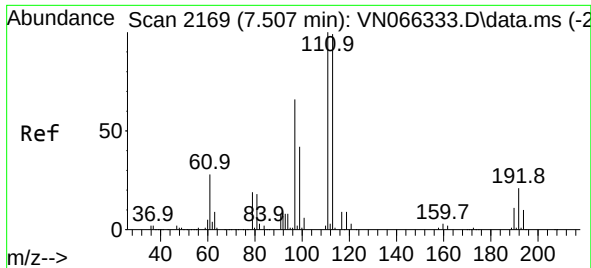
Tgt Ion: 65 Resp: 265208
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

Tgt Ion: 114 Resp: 654449
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 15.4 0.0 31.0

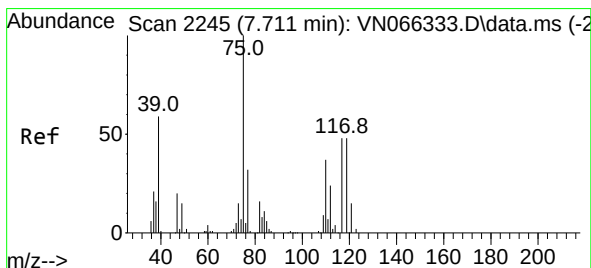
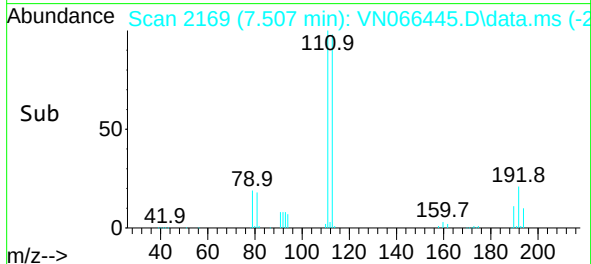
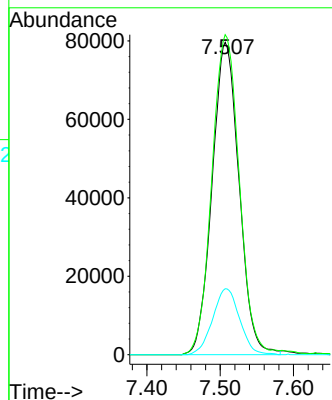
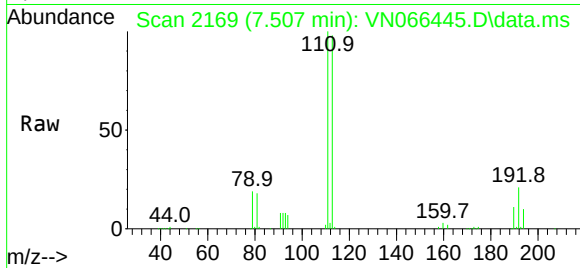




#35
Dibromofluoromethane
Concen: 46.90 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

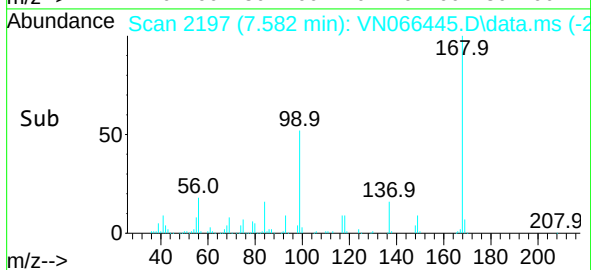
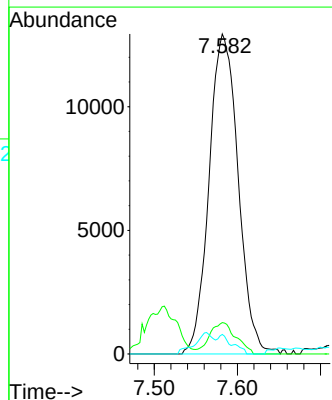
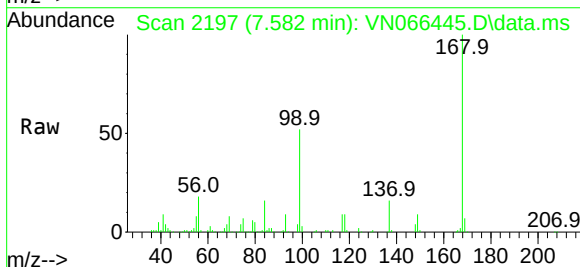
Instrument :
MSVOA_N
ClientSampled :
ASR12

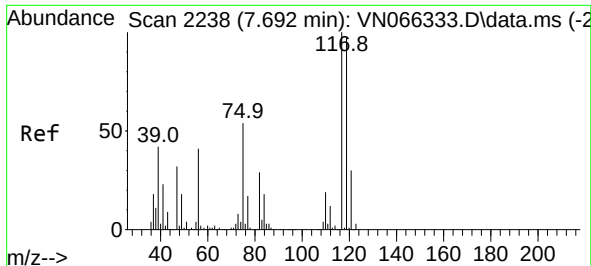
Tgt Ion:	113	Resp:	203469
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	21.2	17.1	25.7



#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.129 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:	75	Resp:	31483
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.0	37.4#

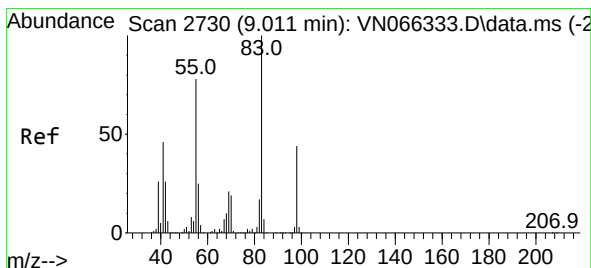
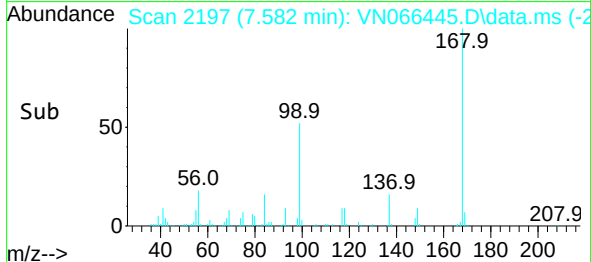
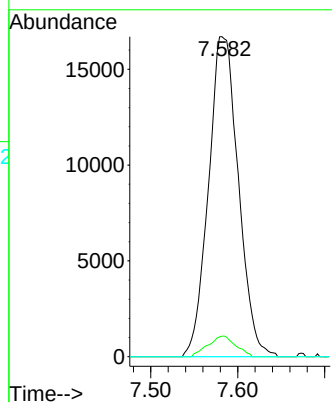
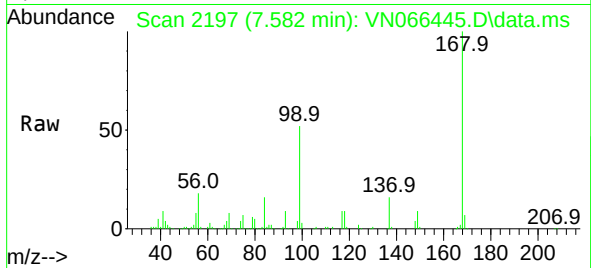




#38
Carbon Tetrachloride
Concen: 6.47 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.110 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

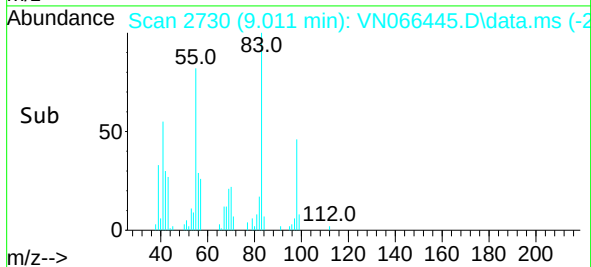
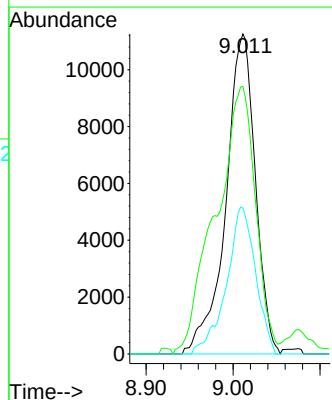
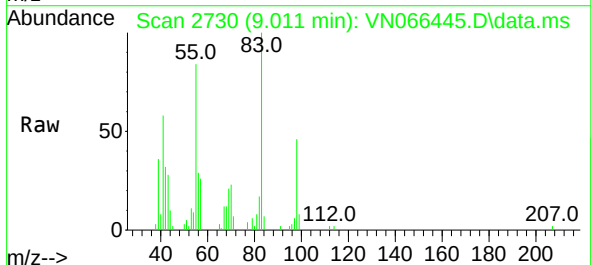
Instrument :
MSVOA_N
ClientSampleId :
ASR12

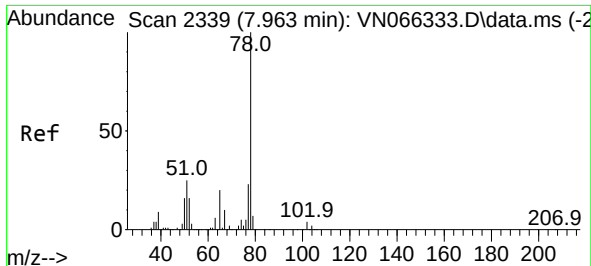
Tgt Ion:117 Resp: 39962
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 3.55 ug/l
RT: 9.011 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 83 Resp: 26597
Ion Ratio Lower Upper
83 100
55 81.3 62.3 93.5
98 45.6 35.6 53.4

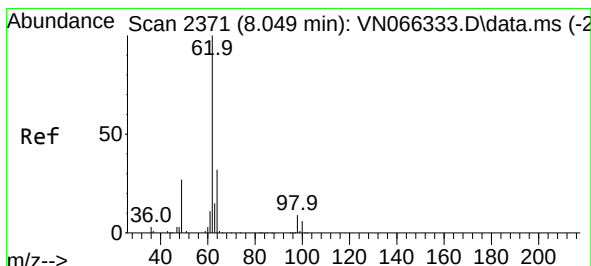
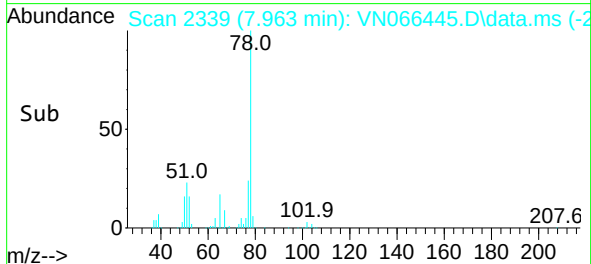
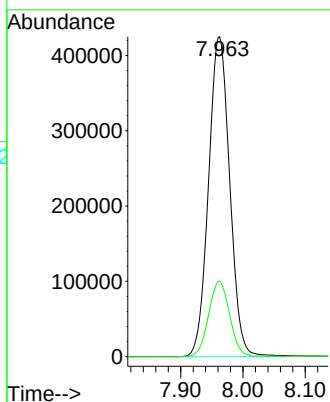
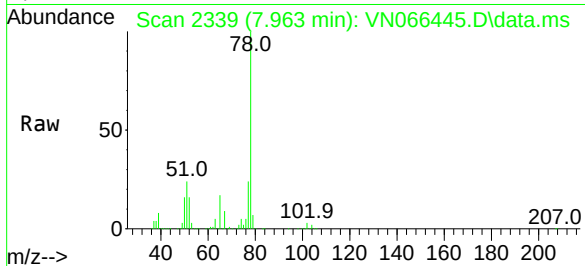




#40
Benzene
Concen: 54.11 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

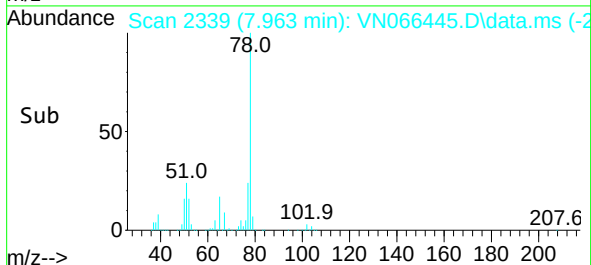
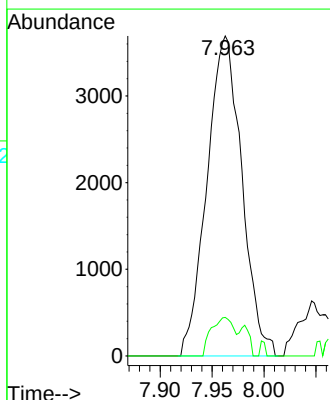
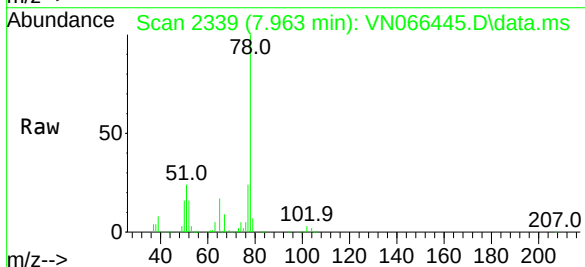
Instrument :
MSVOA_N
ClientSampled :
ASR12

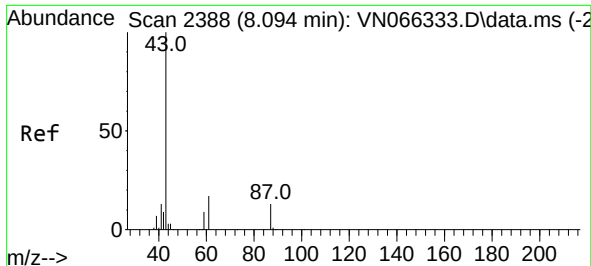
Tgt Ion: 78 Resp: 1004772
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



#42
1,2-Dichloroethane
Concen: 1.30 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.086 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 62 Resp: 8624
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6



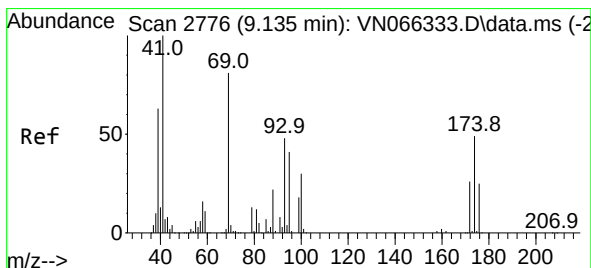
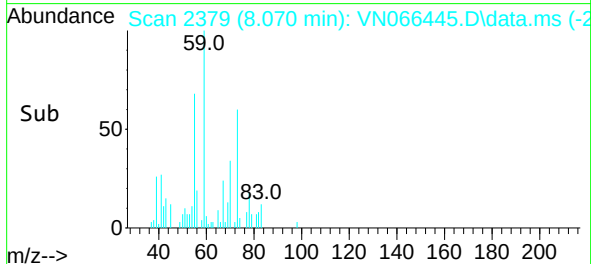
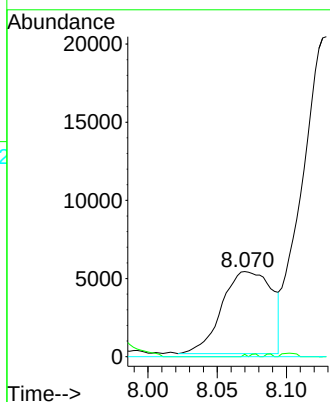
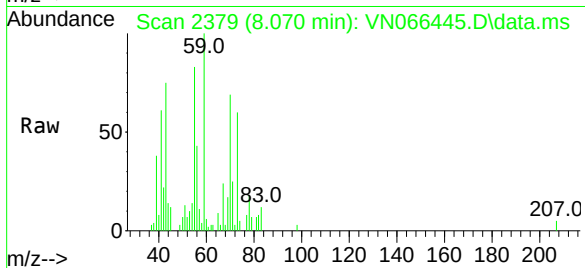


#43

Isopropyl Acetate
Concen: 1.14 ug/l
RT: 8.070 min Scan# 2379
Delta R.T. -0.024 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Instrument :
MSVOA_N
ClientSampleId :
ASR12

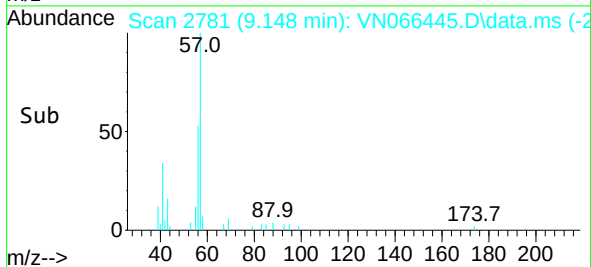
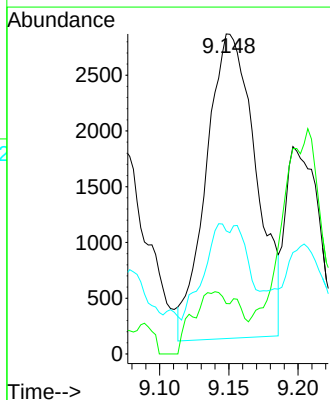
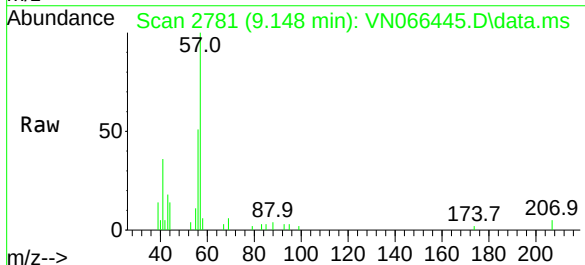
Tgt Ion: 43 Resp: 13229
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.5 15.7#

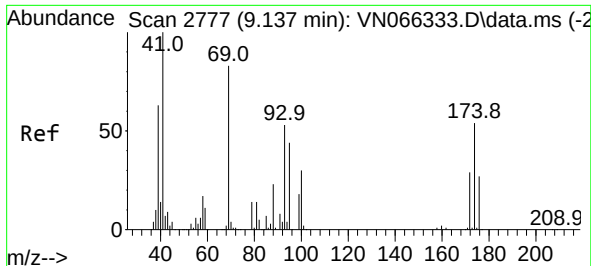


#48

Methyl methacrylate
Concen: 1.24 ug/l
RT: 9.148 min Scan# 2781
Delta R.T. 0.013 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 41 Resp: 6802
Ion Ratio Lower Upper
41 100
69 14.3 66.2 99.4#
39 16.2 51.5 77.3#

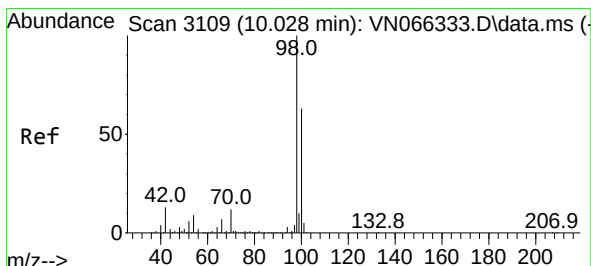
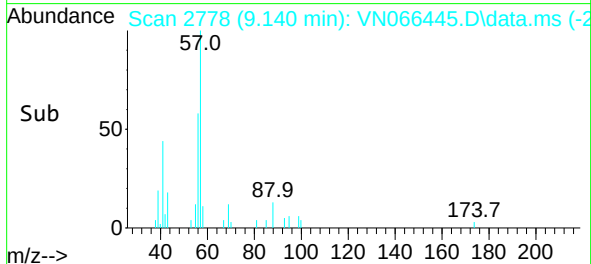
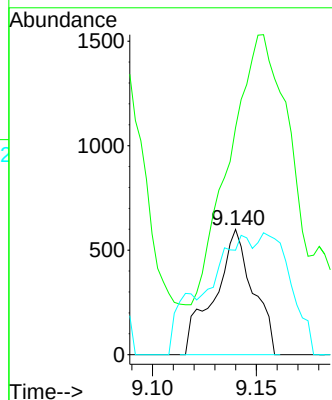
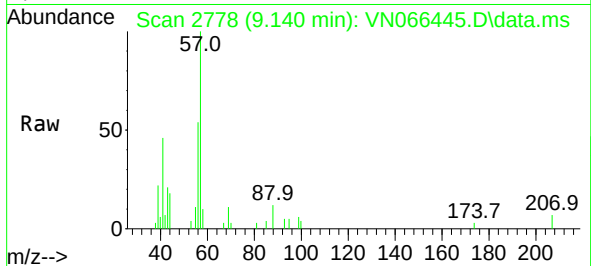




#49
1,4-Dioxane
Concen: 11.16 ug/l
RT: 9.140 min Scan# 2778
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

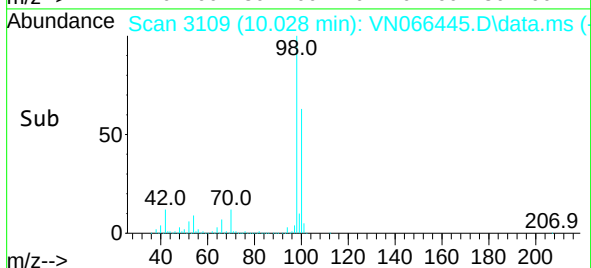
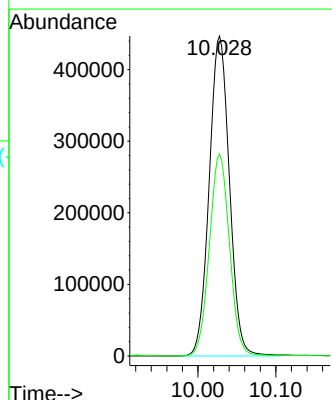
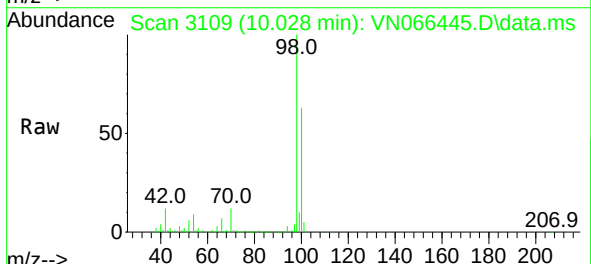
Instrument :
MSVOA_N
ClientSampleId :
ASR12

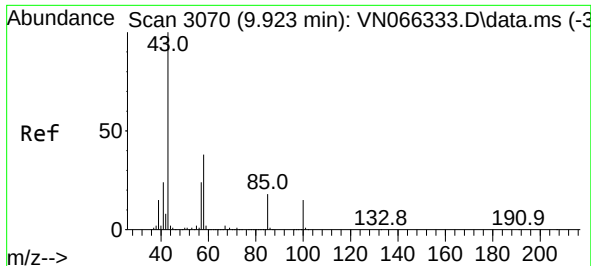
Tgt Ion: 88 Resp: 772
Ion Ratio Lower Upper
88 100
43 331.0 28.2 42.4#
58 33.8 56.6 84.8#



#50
Toluene-d8
Concen: 49.01 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 98 Resp: 806571
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

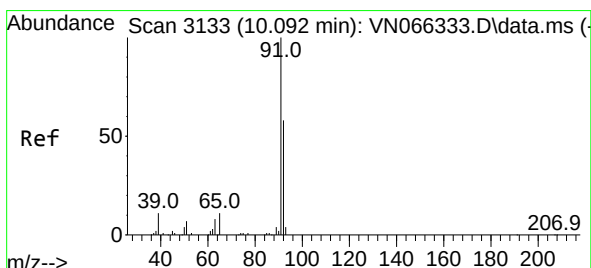
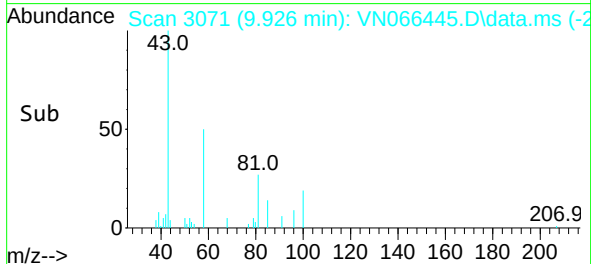
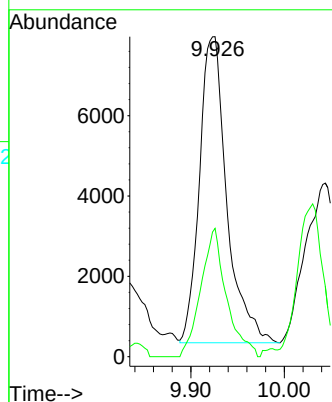
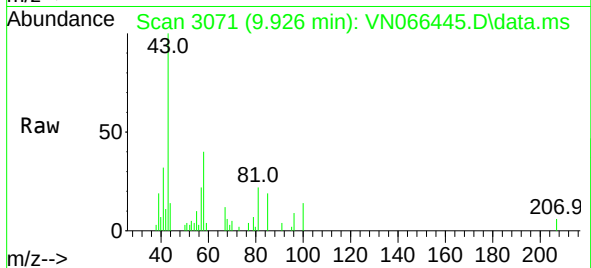




#51
4-Methyl-2-Pentanone
Concen: 2.29 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

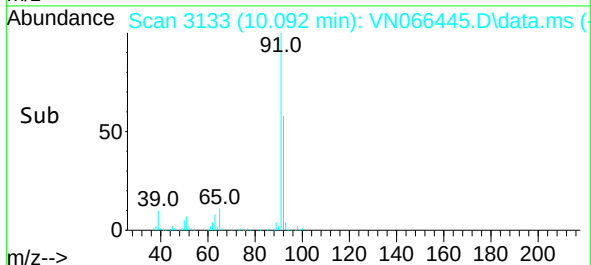
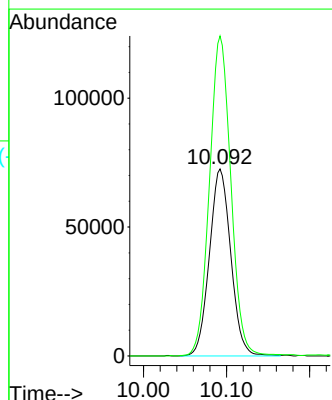
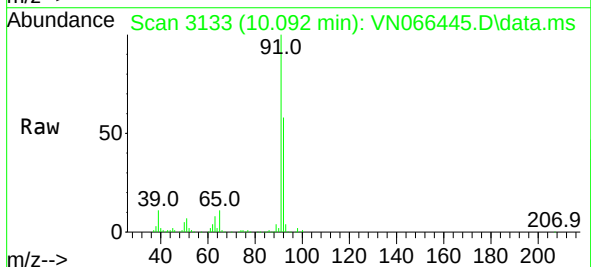
Instrument :
MSVOA_N
ClientSampleId :
ASR12

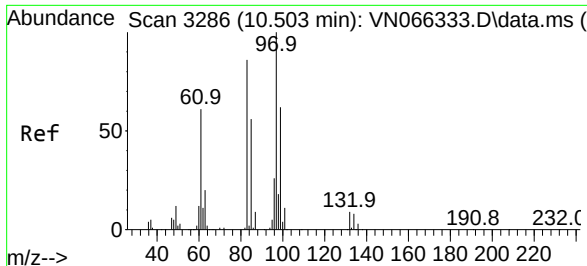
Tgt Ion: 43 Resp: 15507
Ion Ratio Lower Upper
43 100
58 39.1 30.8 46.2



#52
Toluene
Concen: 11.38 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 92 Resp: 129693
Ion Ratio Lower Upper
92 100
91 171.3 138.8 208.2

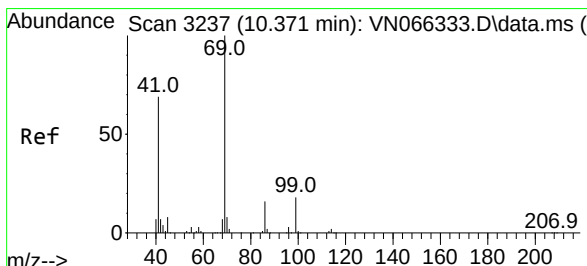
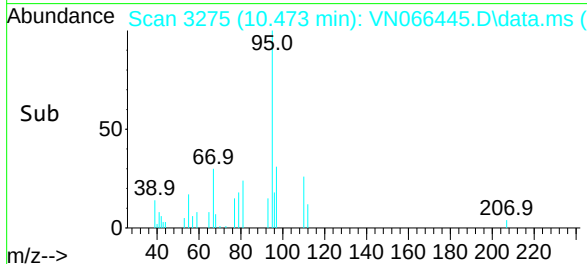
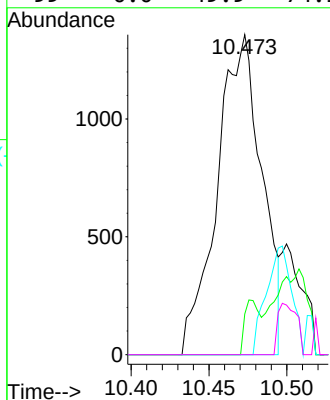
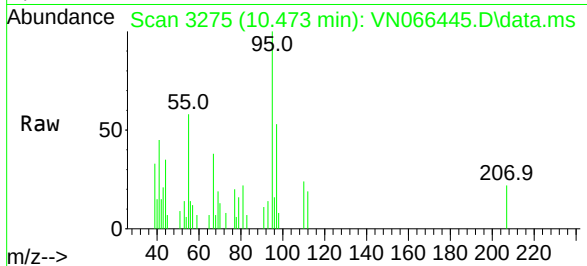




#55
1,1,2-Trichloroethane
Concen: 0.59 ug/l
RT: 10.473 min Scan# 3275
Delta R.T. -0.030 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

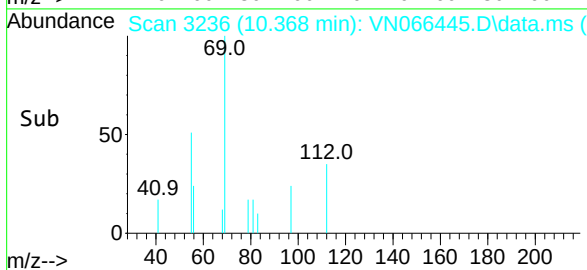
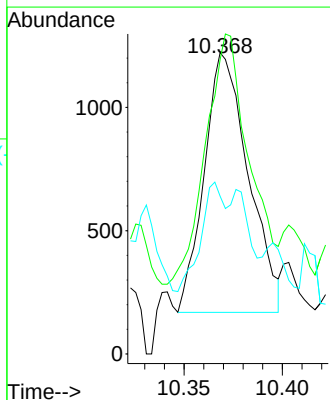
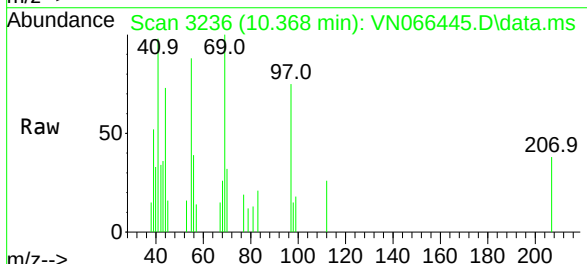
Instrument :
MSVOA_N
ClientSampleId :
ASR12

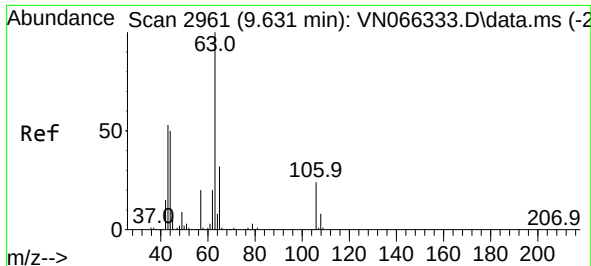
Tgt Ion:	97	Resp:	2703
Ion	Ratio	Lower	Upper
97	100		
83	12.7	68.9	103.3#
85	0.0	45.1	67.7#
99	0.0	49.9	74.9#



#56
Ethyl methacrylate
Concen: 0.23 ug/l
RT: 10.368 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:	69	Resp:	1640
Ion	Ratio	Lower	Upper
69	100		
41	94.6	55.3	82.9#
39	0.0	33.8	50.6#

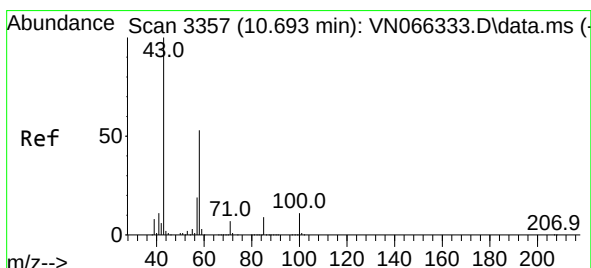
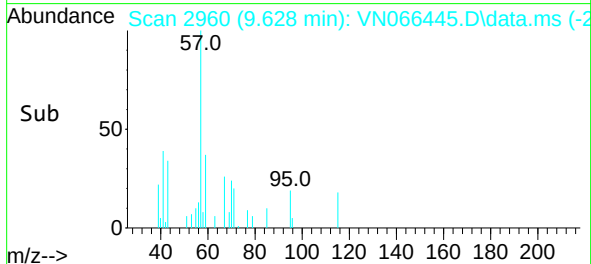
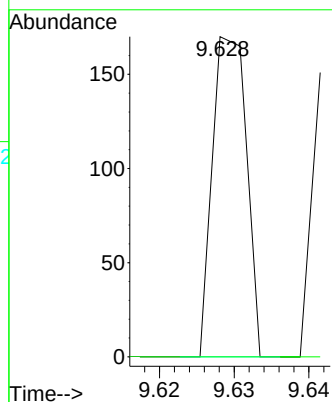
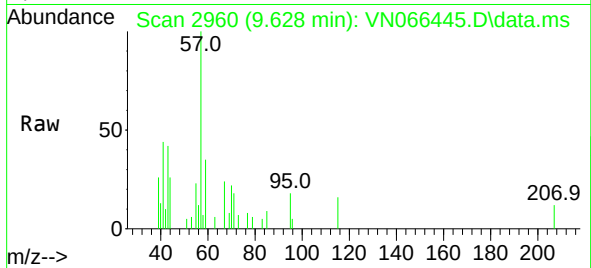




#58
2-Chloroethyl Vinyl ether
Concen: 25.66 ug/l
RT: 9.628 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

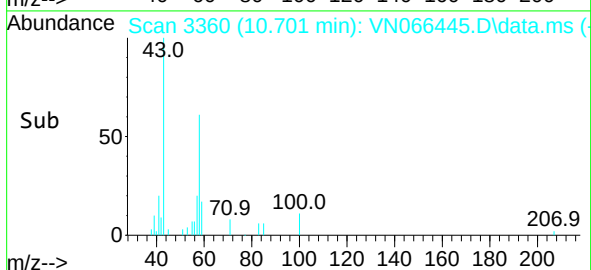
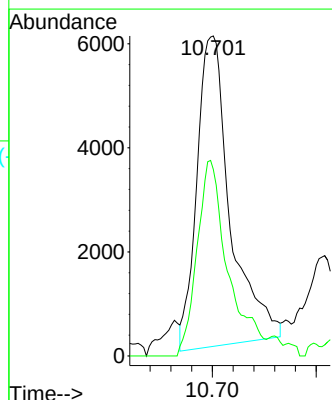
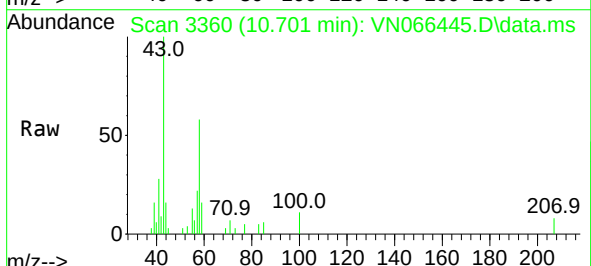
Instrument :
MSVOA_N
ClientSampled :
ASR12

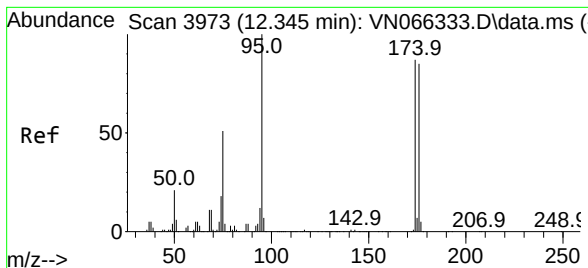
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 2.82 ug/l
RT: 10.701 min Scan# 3360
Delta R.T. 0.008 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 43 Resp: 13341
Ion Ratio Lower Upper
43 100
58 58.6 26.6 79.8

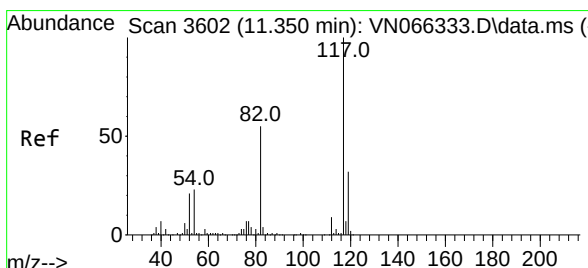
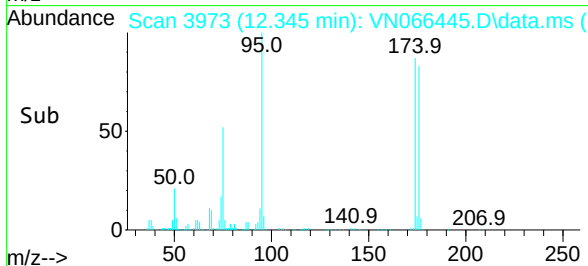
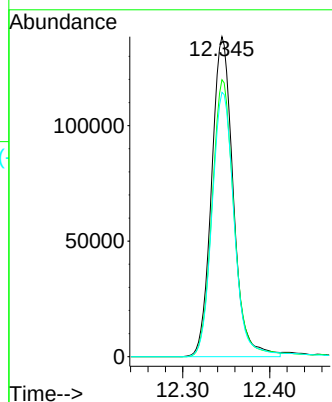
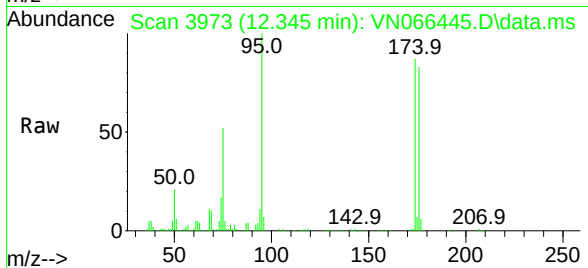




#62
4-Bromofluorobenzene
Concen: 41.91 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

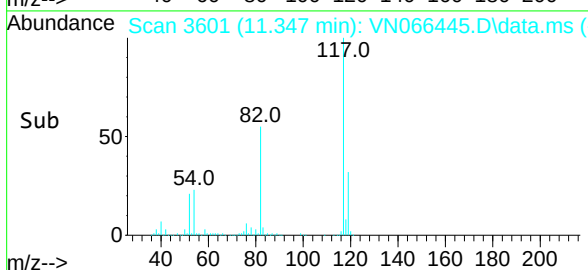
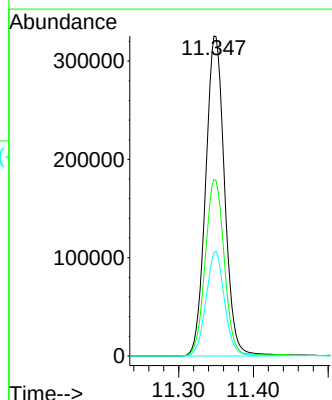
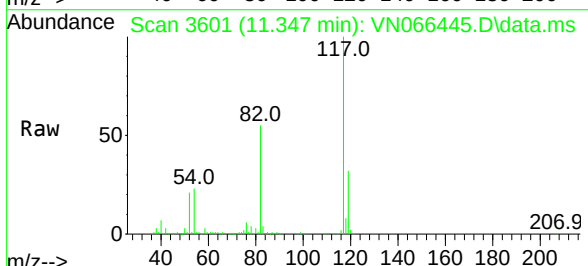
Instrument :
MSVOA_N
ClientSampleId :
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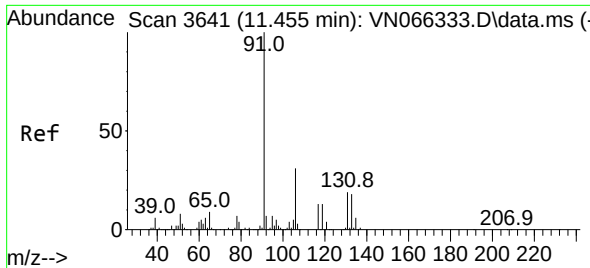
Tgt Ion: 95 Resp: 239537
Ion Ratio Lower Upper
95 100
174 87.5 0.0 172.2
176 84.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 117 Resp: 573047
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.3 25.8 38.6

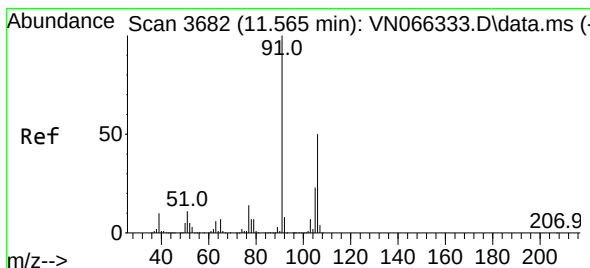
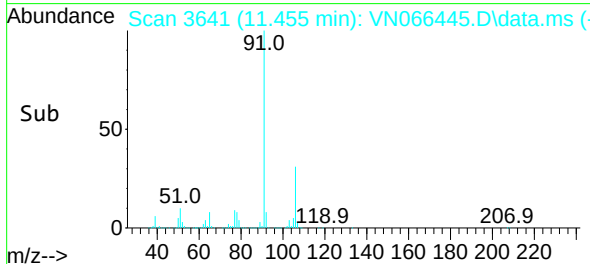
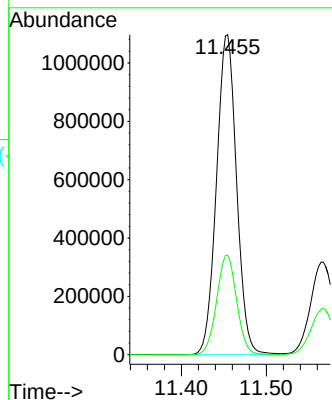
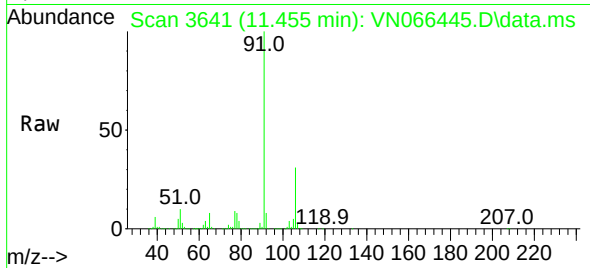




#67
Ethyl Benzene
Concen: 87.06 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

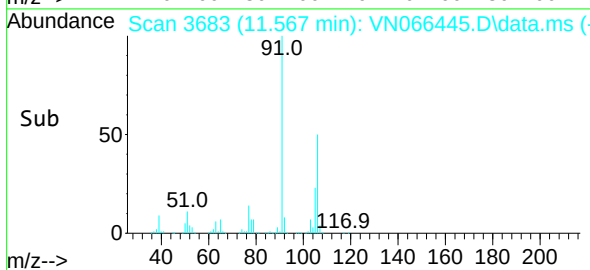
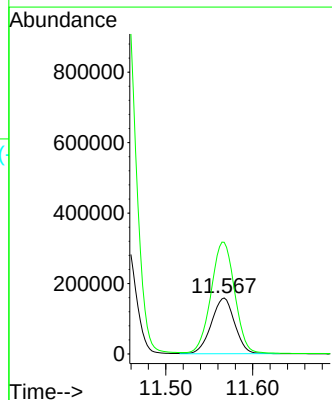
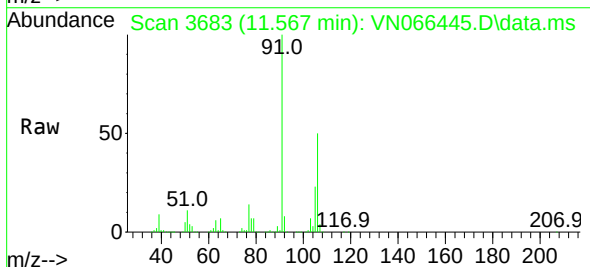
Instrument :
MSVOA_N
ClientSampleId :
ASR12

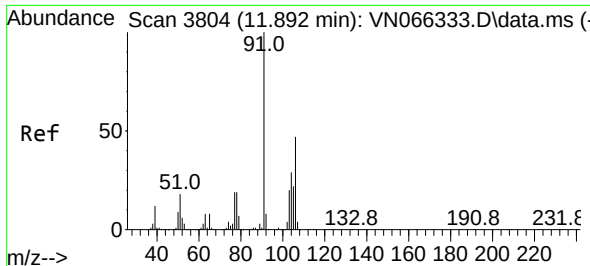
Tgt Ion: 91 Resp: 1805417
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1



#68
m/p-Xylenes
Concen: 37.44 ug/l
RT: 11.567 min Scan# 3683
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:106 Resp: 295049
Ion Ratio Lower Upper
106 100
91 204.7 162.7 244.1

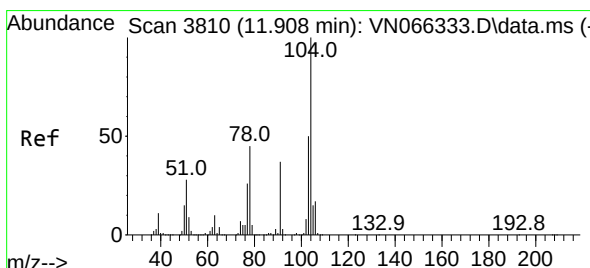
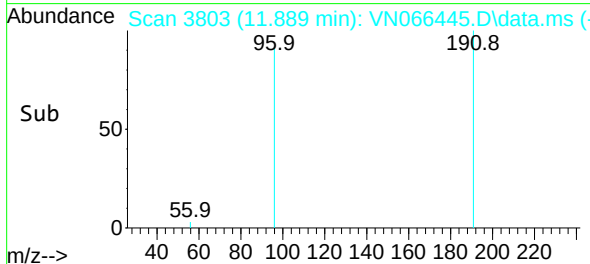
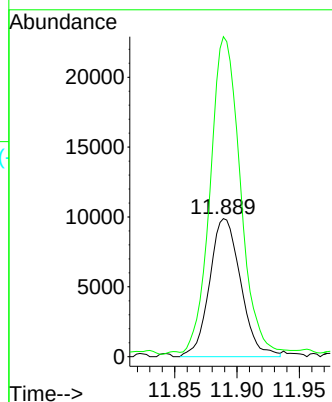
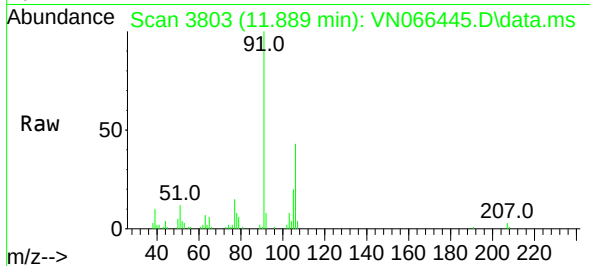




#69
o-Xylene
Concen: 2.26 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

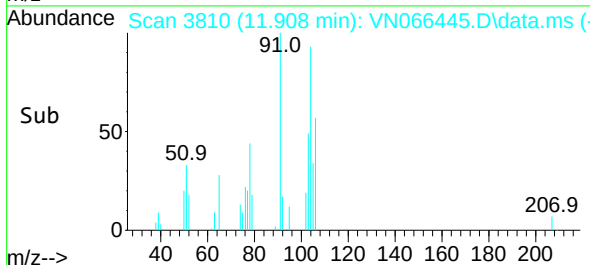
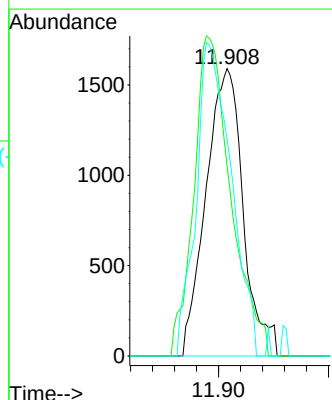
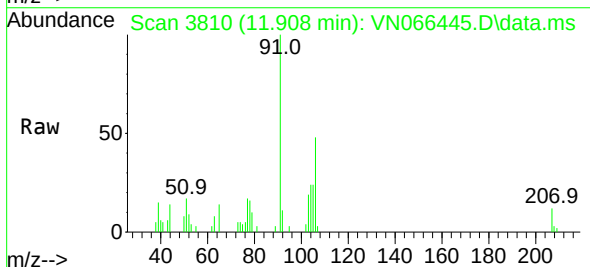
Instrument :
MSVOA_N
ClientSampled :
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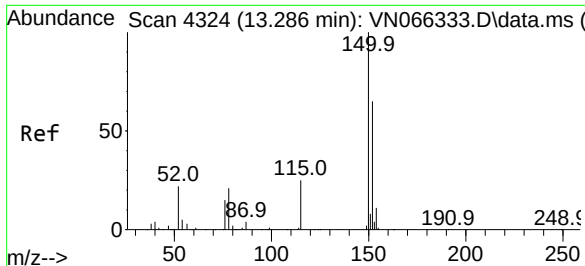
Tgt Ion:106 Resp: 17176
Ion Ratio Lower Upper
106 100
91 218.9 107.1 321.4



#70
Styrene
Concen: 0.30 ug/l
RT: 11.908 min Scan# 3810
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:104 Resp: 3741
Ion Ratio Lower Upper
104 100
78 110.6 40.7 61.1#
103 102.7 44.2 66.2#

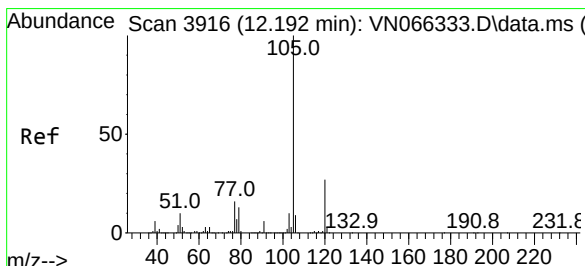
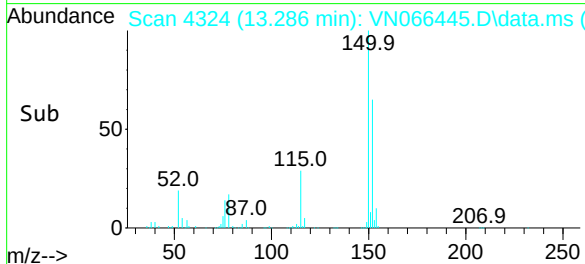
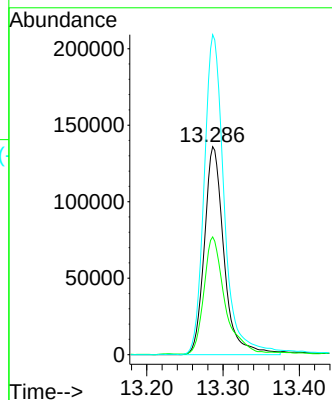
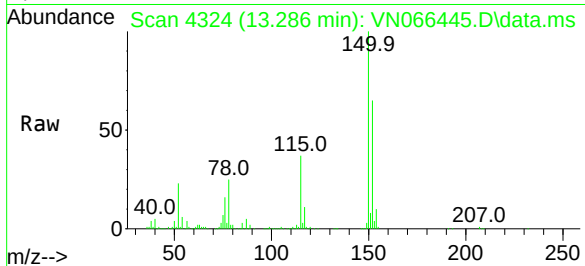




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

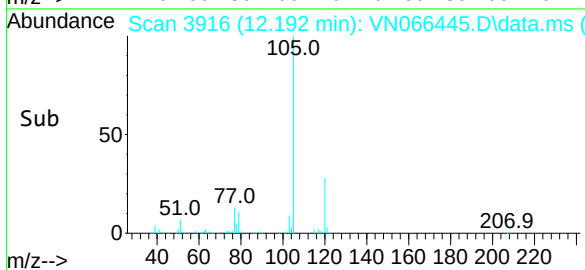
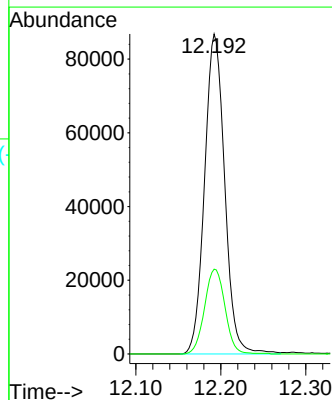
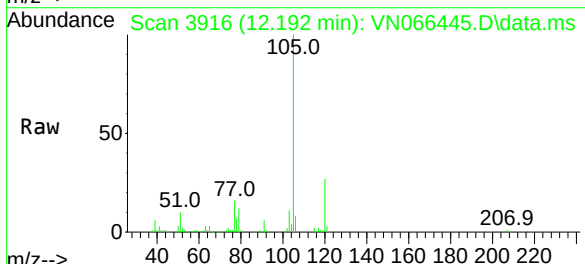
Instrument :
MSVOA_N
ClientSampleId :
ASR12

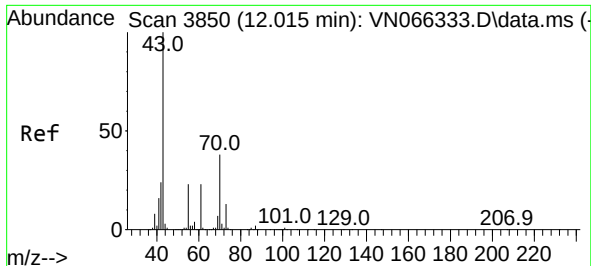
Tgt Ion:152 Resp: 243784
Ion Ratio Lower Upper
152 100
115 59.9 27.8 83.4
150 158.2 0.0 348.4



#73
Isopropylbenzene
Concen: 7.88 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:105 Resp: 142839
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.8



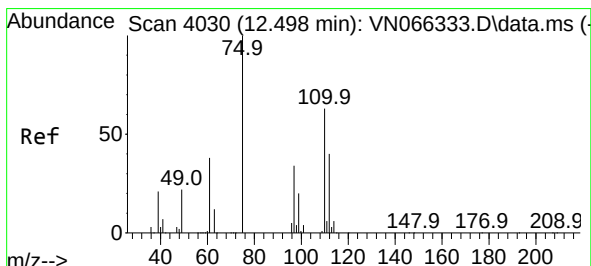
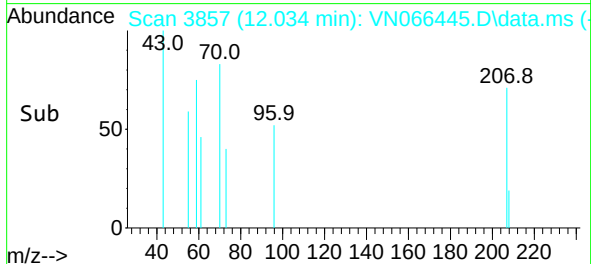
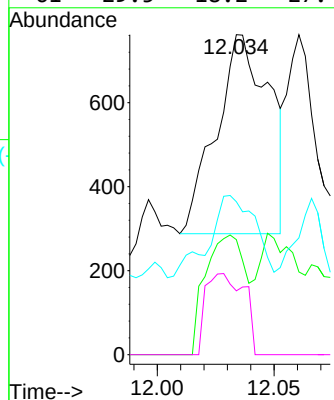
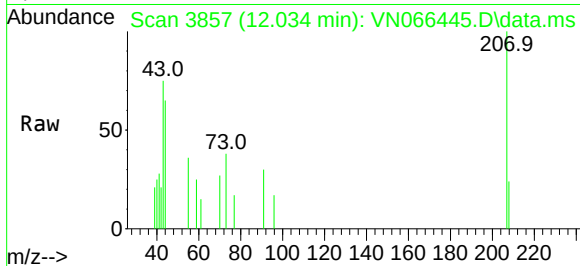


#74
N-amy1 acetate
Concen: 3.29 ug/l
RT: 12.034 min Scan# 3857
Delta R.T. 0.019 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Instrument :
MSVOA_N
ClientSampled :
ASR12

Tgt Ion: 43 Resp: 746

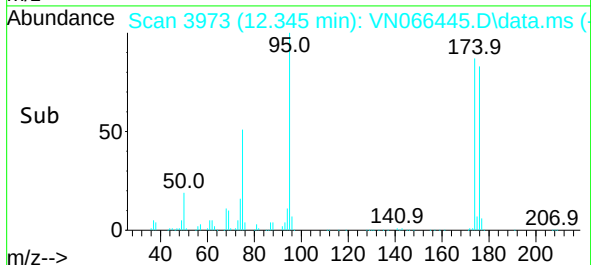
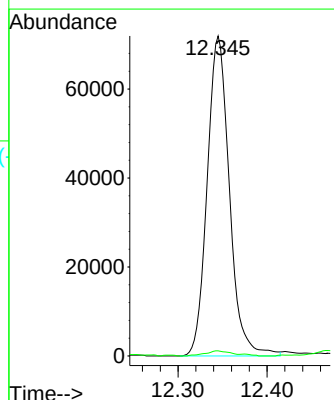
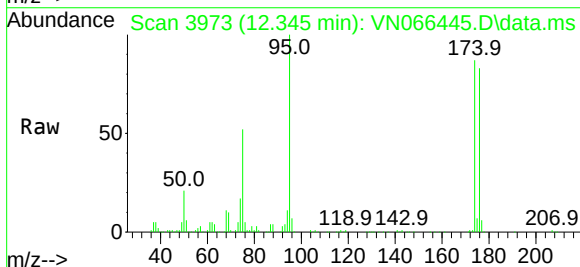
Ion	Ratio	Lower	Upper
43	100		
70	44.8	31.2	46.8
55	34.6	18.6	28.0#
61	29.5	18.2	27.4#

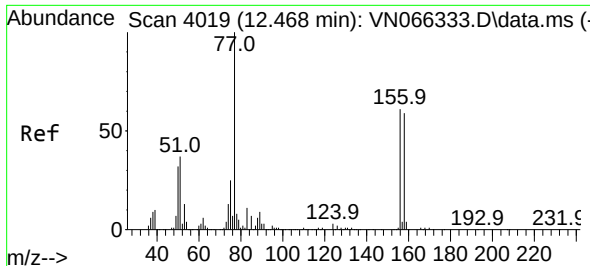


#76
1,2,3-Trichloropropane
Concen: 23.29 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 75 Resp: 124608

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

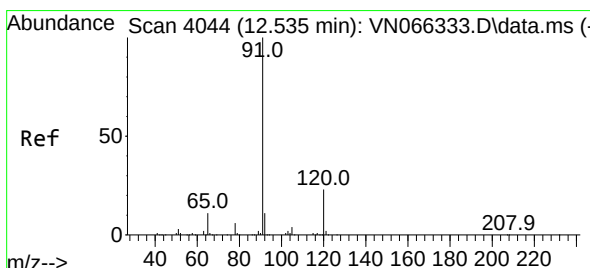
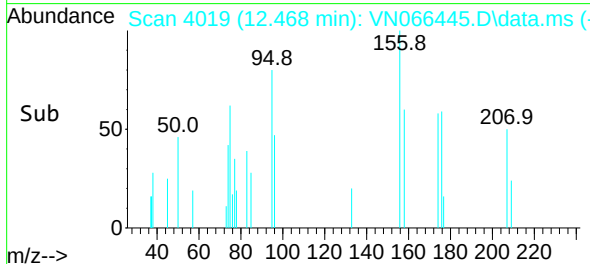
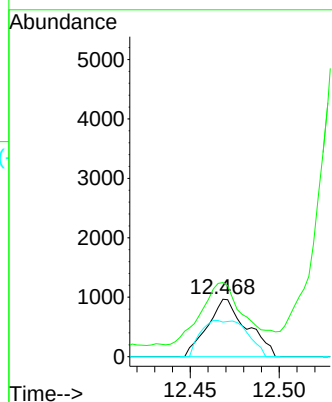
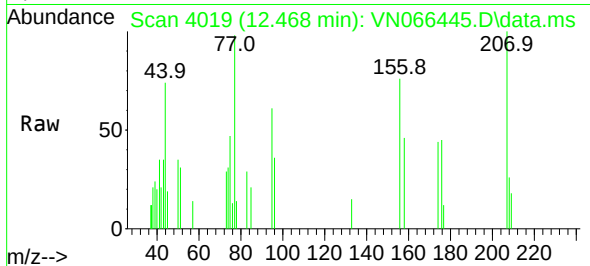




#77
Bromobenzene
Concen: 0.32 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

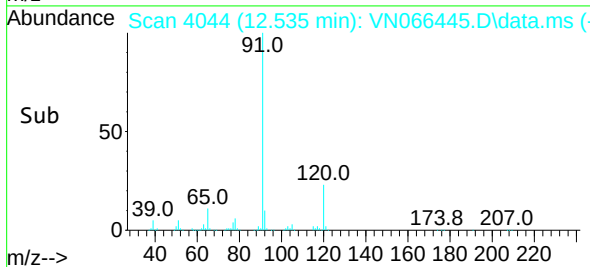
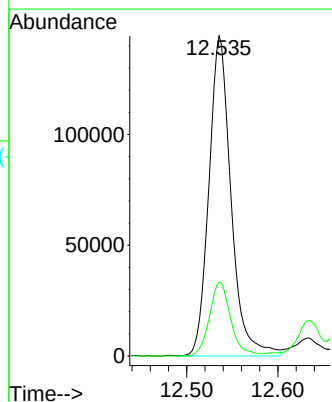
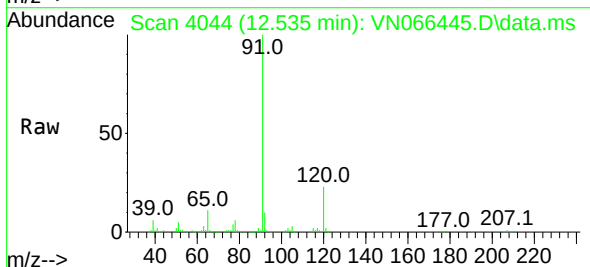
Instrument :
MSVOA_N
ClientSampled :
ASR12

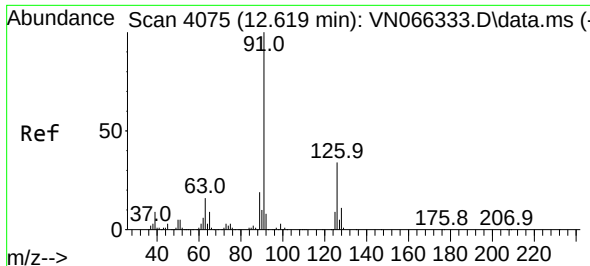
Tgt Ion:156 Resp: 1478
Ion Ratio Lower Upper
156 100
77 119.8 99.7 299.1
158 74.3 48.8 146.3



#78
n-propylbenzene
Concen: 12.37 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 91 Resp: 243971
Ion Ratio Lower Upper
91 100
120 22.2 11.7 35.1

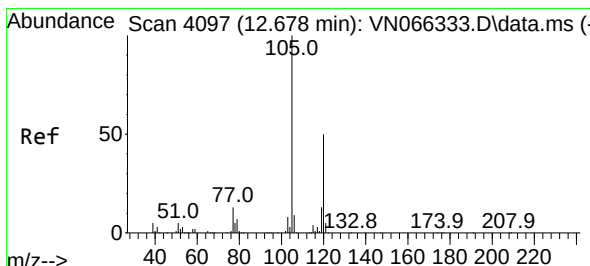
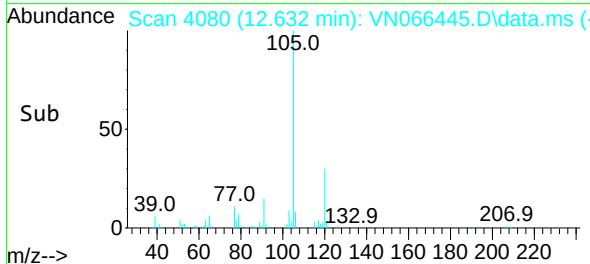
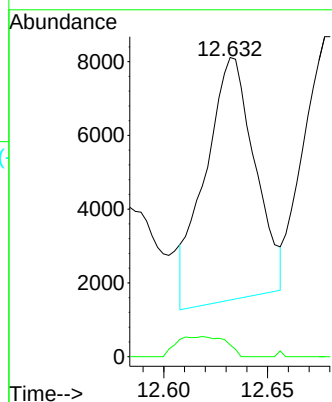
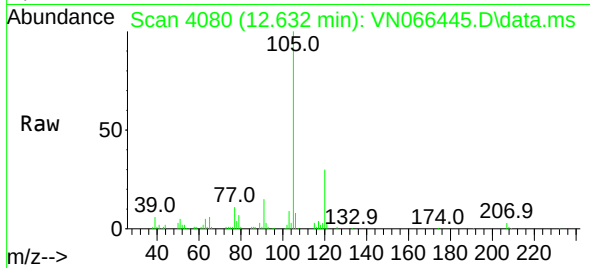




#79
2-Chlorotoluene
Concen: 0.90 ug/l
RT: 12.632 min Scan# 4080
Delta R.T. 0.013 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

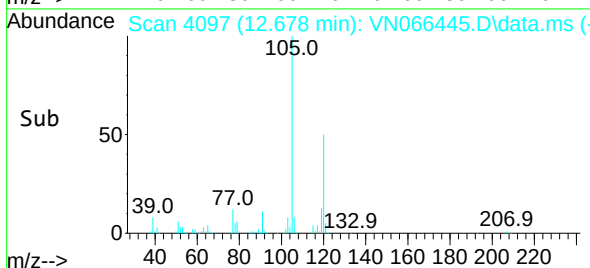
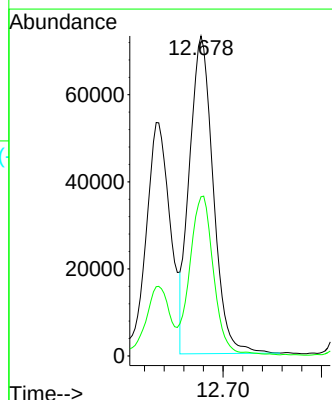
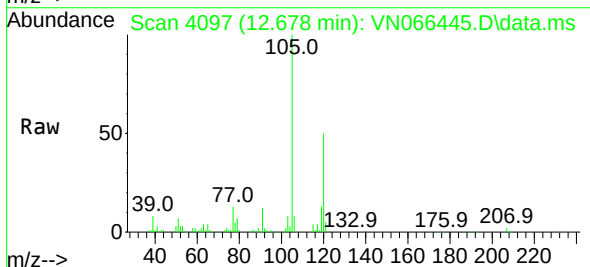
Instrument :
MSVOA_N
ClientSampled :
ASR12

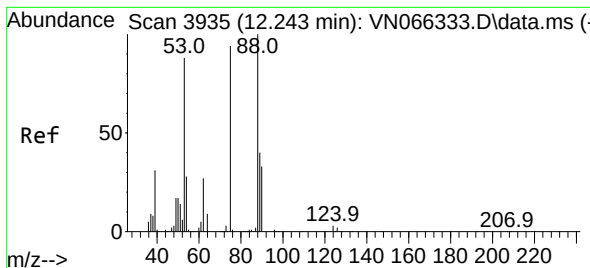
Tgt Ion: 91 Resp: 10950
Ion Ratio Lower Upper
91 100
126 8.2 17.2 51.5#



#80
1,3,5-Trimethylbenzene
Concen: 8.25 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 105 Resp: 122414
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

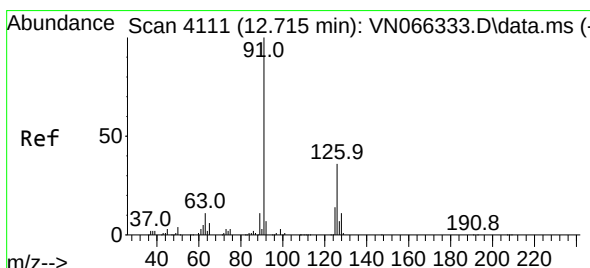
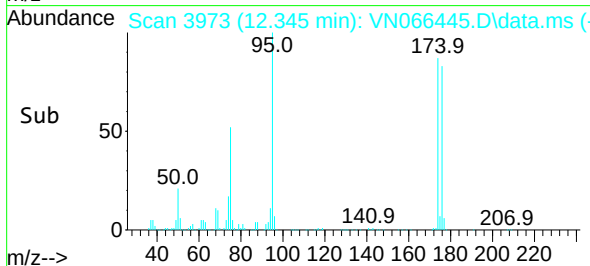
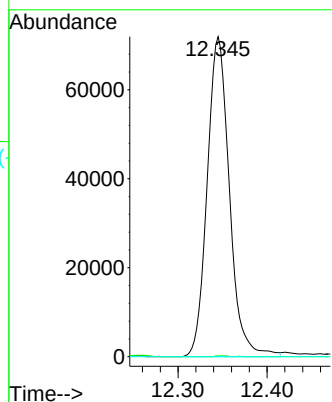
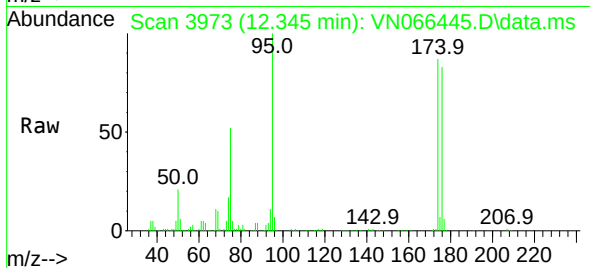




#81
trans-1,4-Dichloro-2-butene
Concen: 70.05 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.102 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

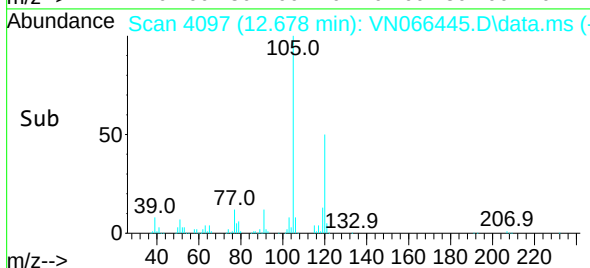
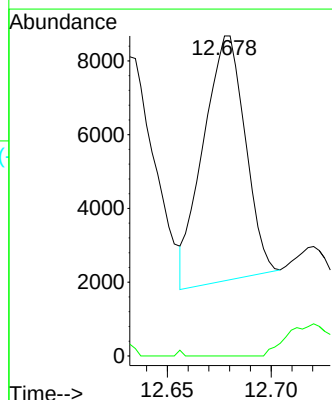
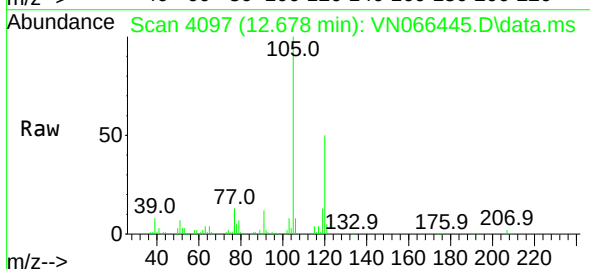
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ClientSampleId :
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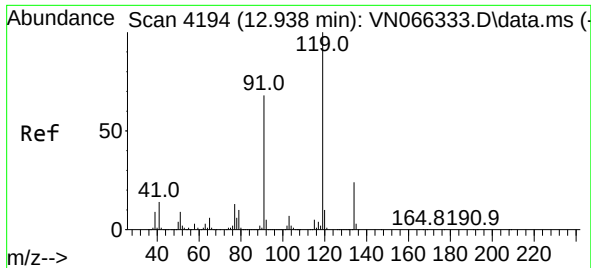
Tgt Ion: 75 Resp: 124608
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.77 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.038 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 91 Resp: 9336
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

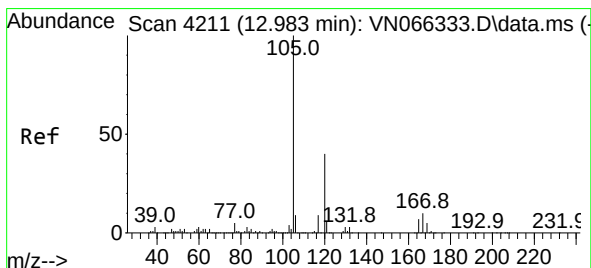
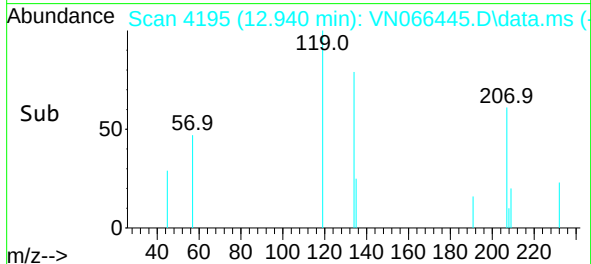
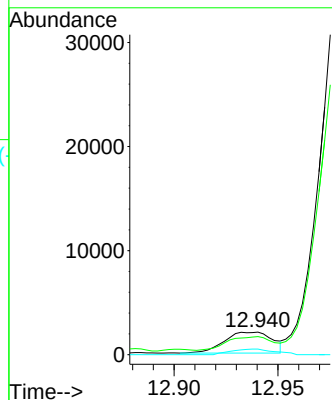
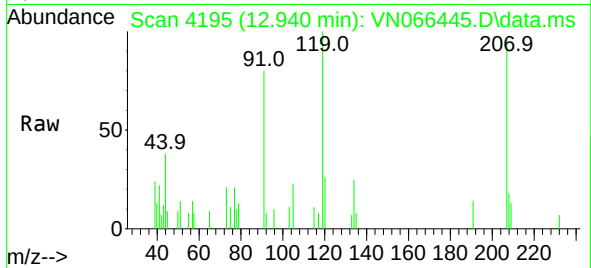




#83
tert-Butylbenzene
Concen: 0.25 ug/l
RT: 12.940 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

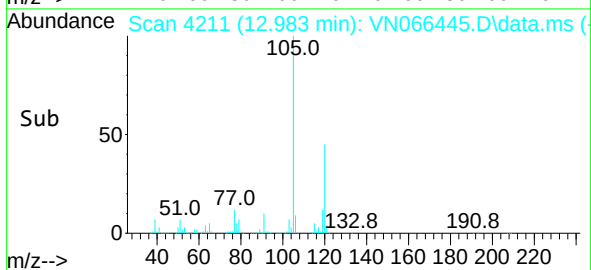
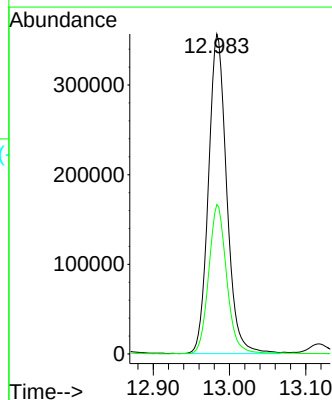
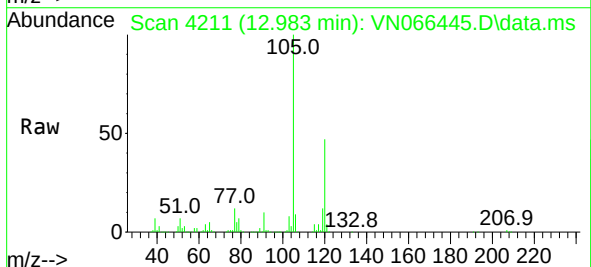
Instrument :
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ClientSampled :
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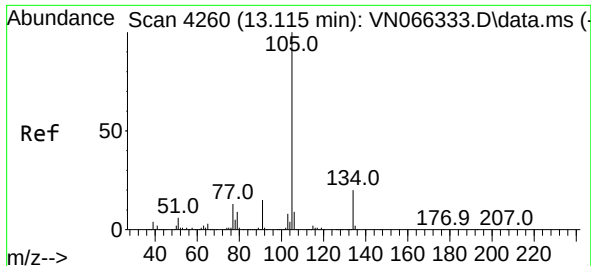
Tgt Ion:119 Resp: 3252
Ion Ratio Lower Upper
119 100
91 60.5 33.3 99.8
134 24.1 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 41.07 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:105 Resp: 591901
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2

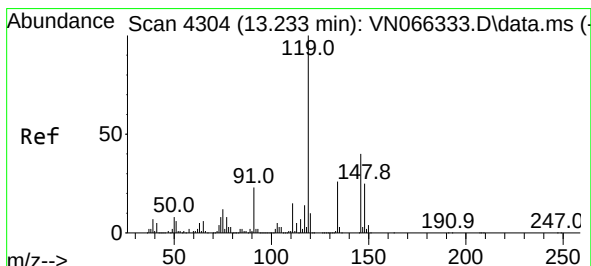
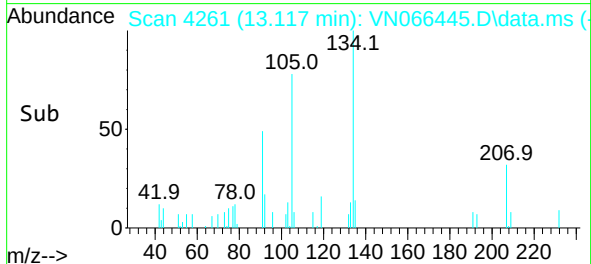
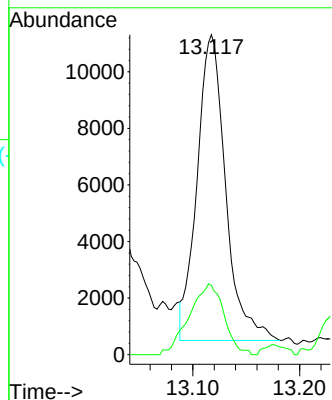
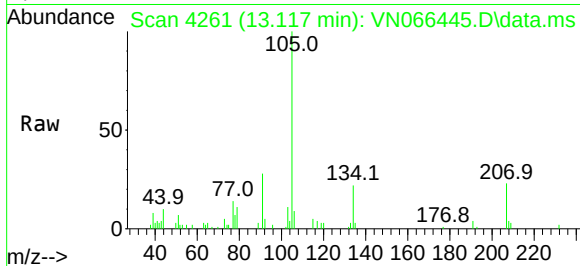




#85
 sec-Butylbenzene
 Concen: 1.22 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

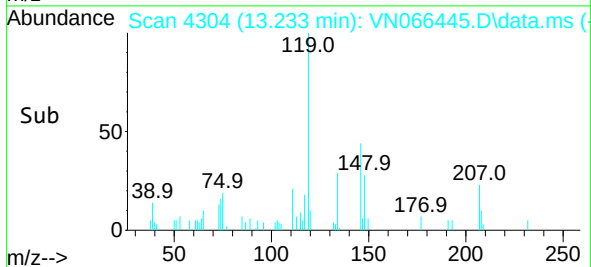
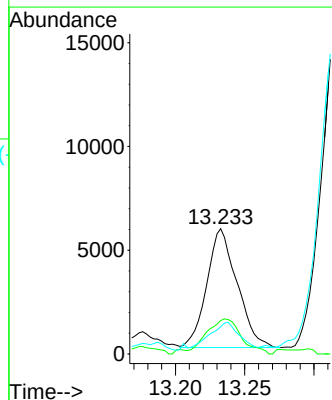
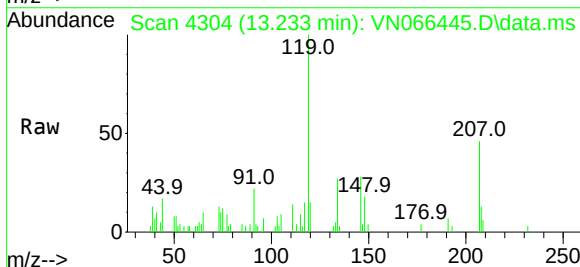
Instrument :
 MSVOA_N
 ClientSampled :
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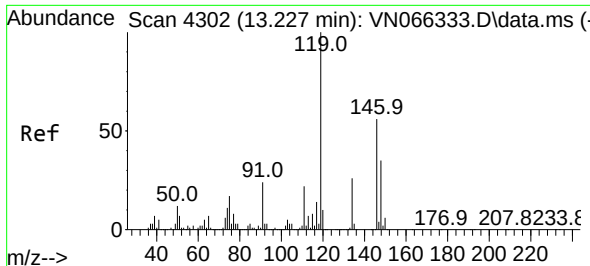
Tgt Ion:105 Resp: 20123
 Ion Ratio Lower Upper
 105 100
 134 28.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.59 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

Tgt Ion:119 Resp: 8723
 Ion Ratio Lower Upper
 119 100
 134 33.6 12.9 38.7
 91 0.0 11.5 34.5#

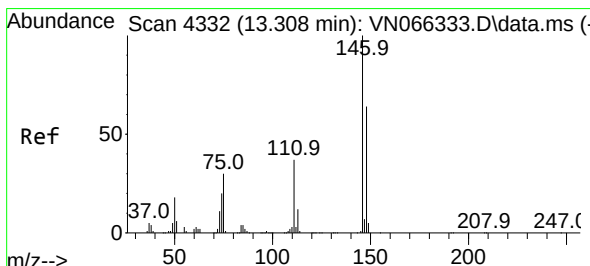
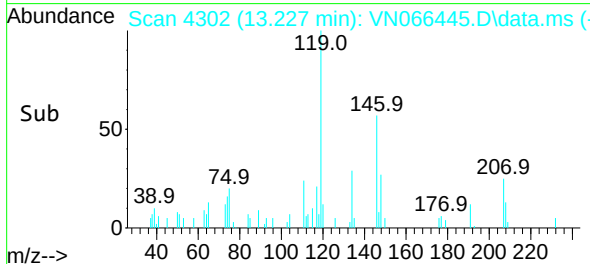
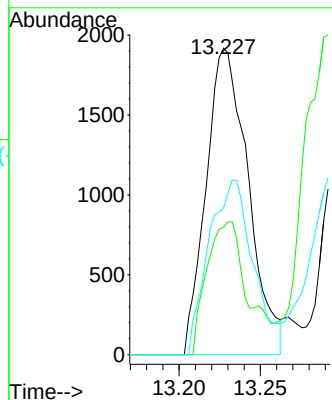
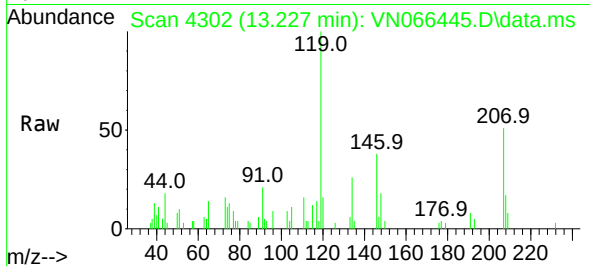




#87
1,3-Dichlorobenzene
Concen: 0.45 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

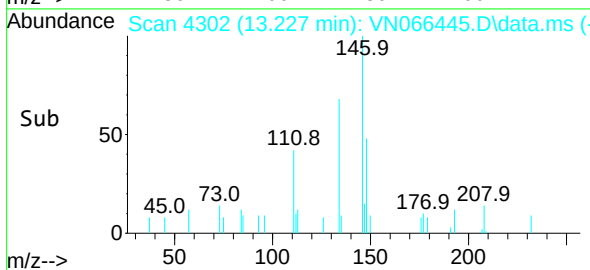
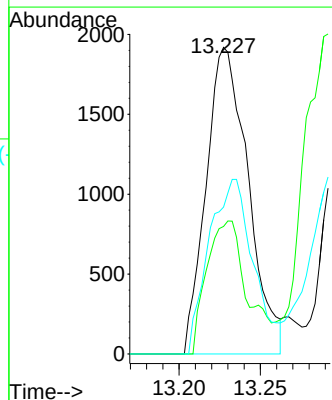
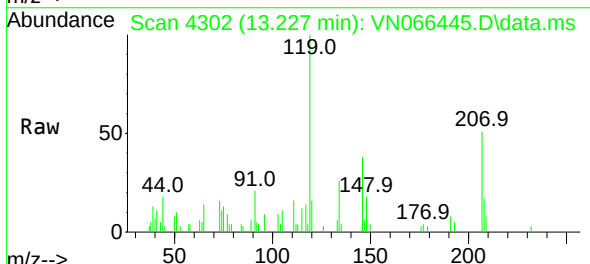
Instrument :
MSVOA_N
ClientSampled :
ASR12

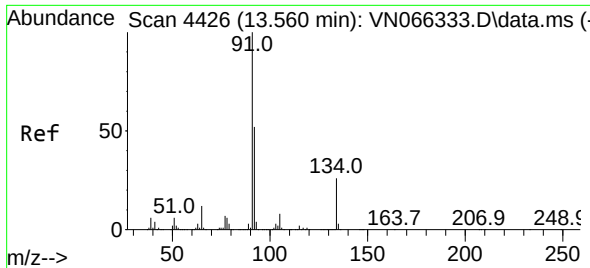
Tgt Ion:146 Resp: 3455
Ion Ratio Lower Upper
146 100
111 41.9 19.4 58.1
148 60.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 0.43 ug/l
RT: 13.227 min Scan# 4302
Delta R.T. -0.081 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:146 Resp: 3455
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.9
148 60.0 31.9 95.9

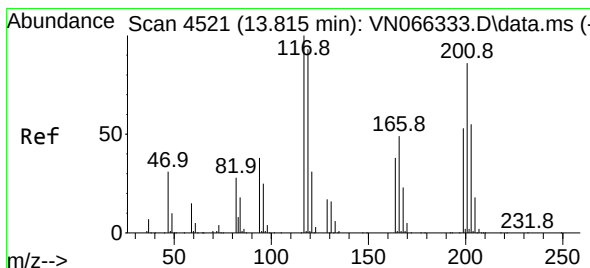
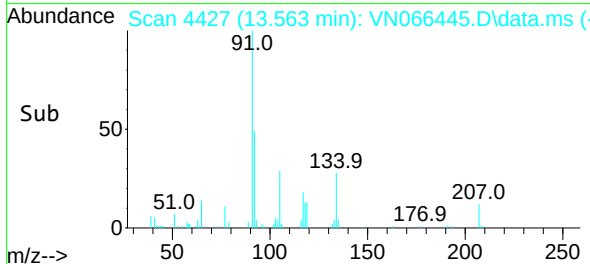
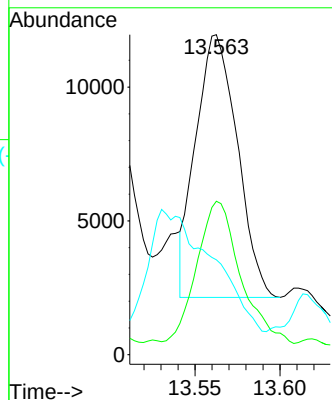
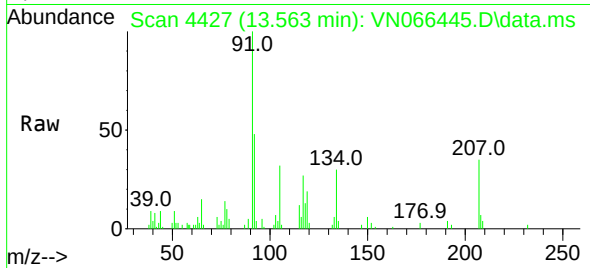




#89
n-Butylbenzene
Concen: 1.36 ug/l
RT: 13.563 min Scan# 4427
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

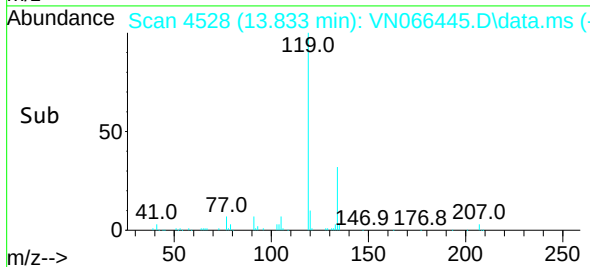
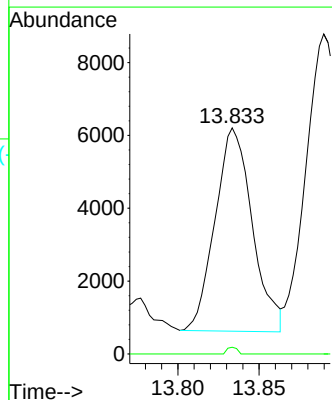
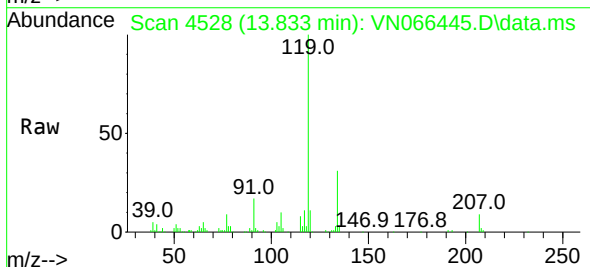
Instrument :
MSVOA_N
ClientSampled :
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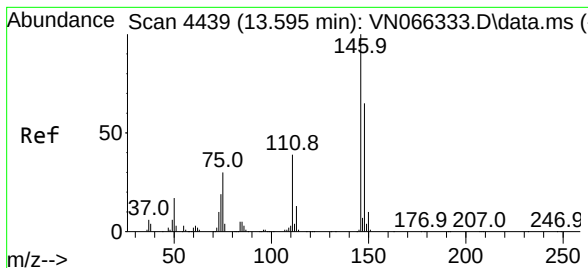
Tgt Ion: 91 Resp: 16688
Ion Ratio Lower Upper
91 100
92 68.5 26.1 78.3
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 3.33 ug/l
RT: 13.833 min Scan# 4528
Delta R.T. 0.019 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 117 Resp: 8896
Ion Ratio Lower Upper
117 100
201 0.9 44.0 131.8#

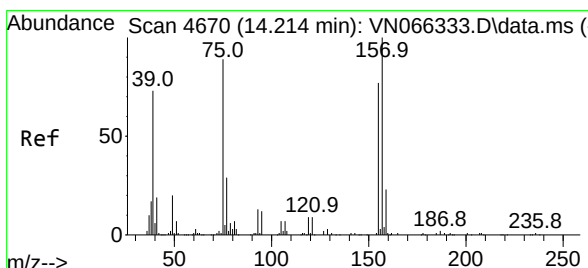
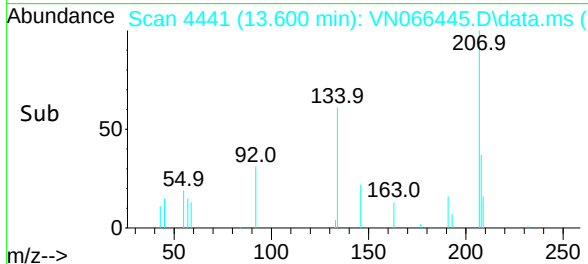
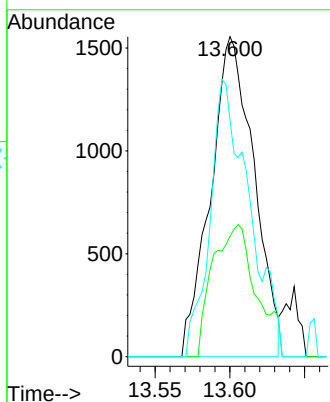
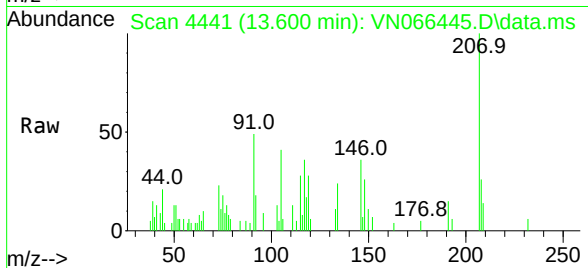




#91
1,2-Dichlorobenzene
Concen: 0.41 ug/l
RT: 13.600 min Scan# 4441
Delta R.T. 0.005 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

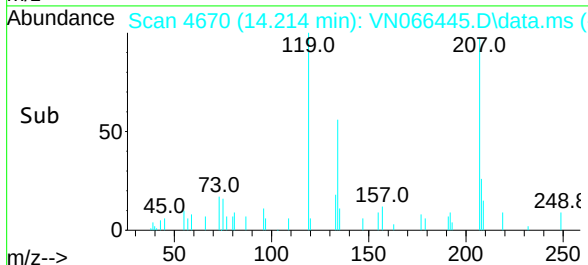
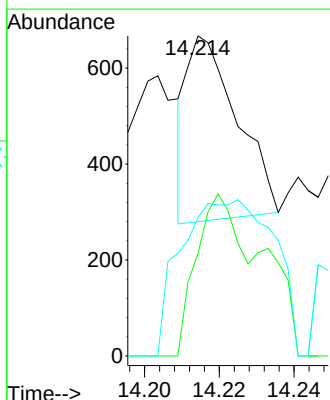
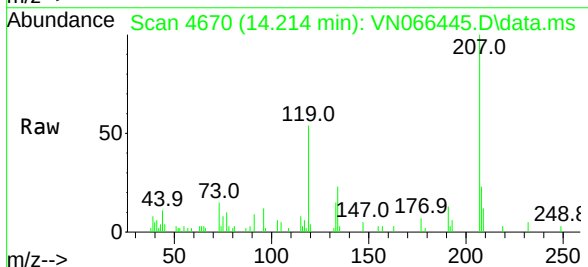
Instrument :
MSVOA_N
ClientSampled :
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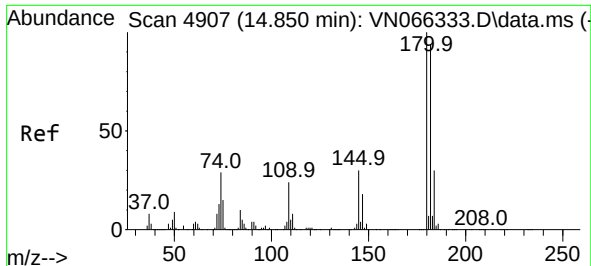
Tgt Ion:146 Resp: 3129
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.1
148 71.7 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.33 ug/l
RT: 14.214 min Scan# 4670
Delta R.T. -0.000 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion: 75 Resp: 361
Ion Ratio Lower Upper
75 100
155 77.3 43.8 131.3
157 155.4 57.6 172.8

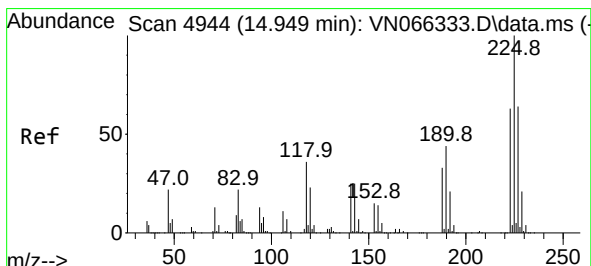
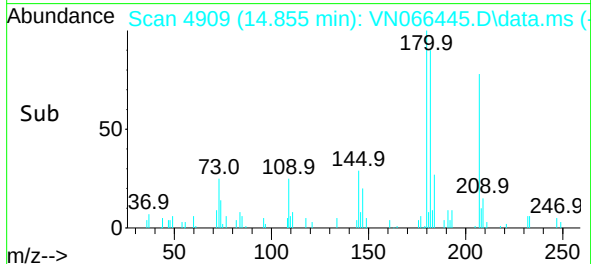
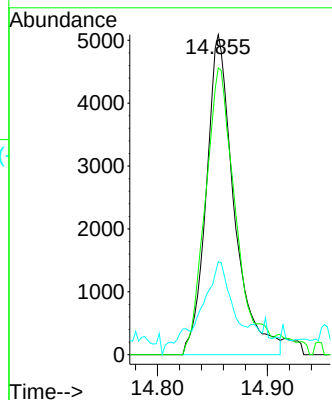
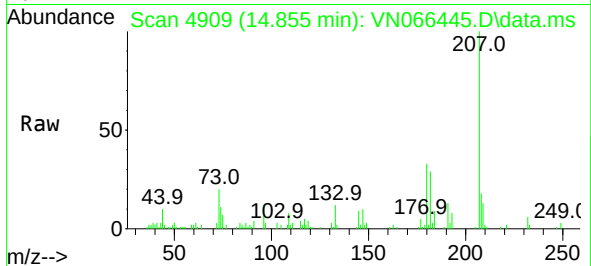




#93
 1,2,4-Trichlorobenzene
 Concen: 1.90 ug/l
 RT: 14.855 min Scan# 4909
 Delta R.T. 0.005 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

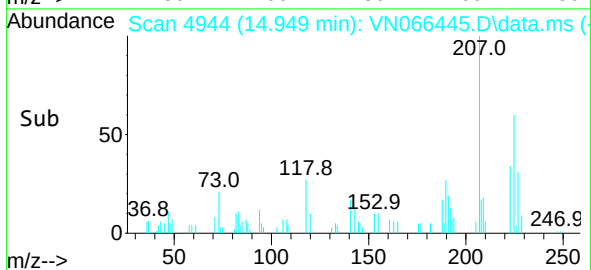
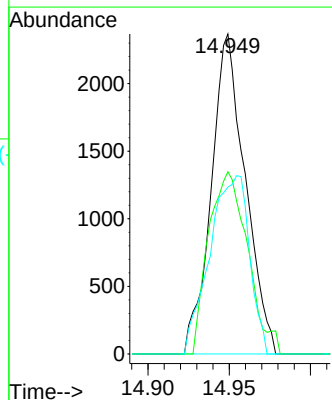
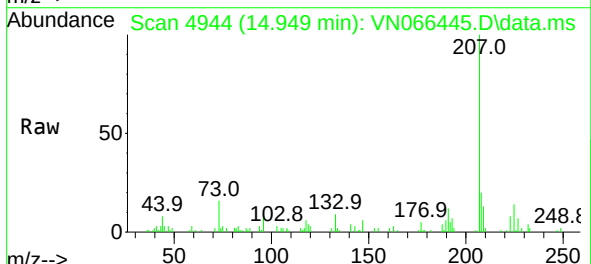
Instrument :
 MSVOA_N
 ClientSampled :
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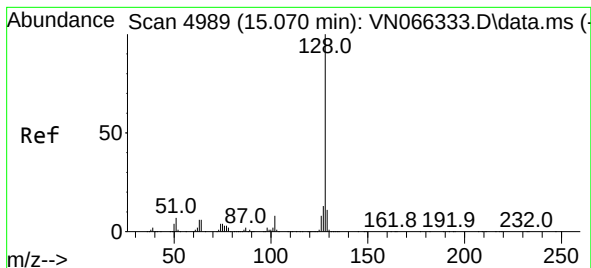
Tgt Ion:180 Resp: 8918
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.4 142.3
 145 18.4 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 1.35 ug/l
 RT: 14.949 min Scan# 4944
 Delta R.T. -0.000 min
 Lab File: VN066445.D
 Acq: 31 Mar 2021 17:31

Tgt Ion:225 Resp: 3438
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.1 93.5
 227 65.1 32.1 96.3

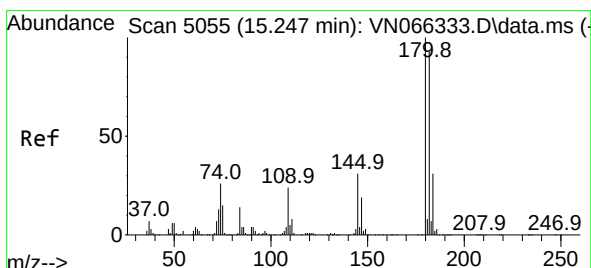
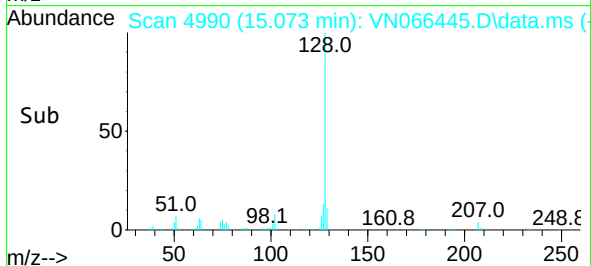
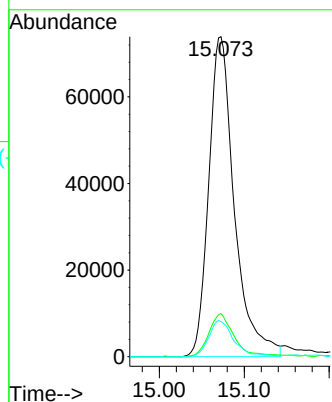
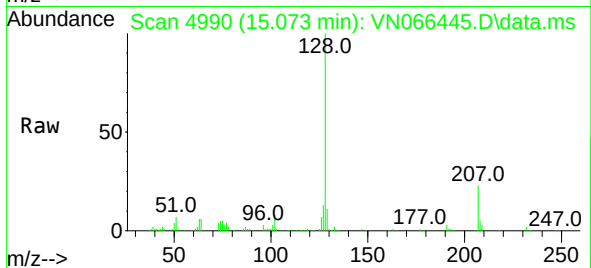




#95
Naphthalene
Concen: 12.15 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Instrument :
MSVOA_N
ClientSampled :
ASR12

Tgt Ion:128 Resp: 155043
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 2.08 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.003 min
Lab File: VN066445.D
Acq: 31 Mar 2021 17:31

Tgt Ion:180 Resp: 9795
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 40.4 15.4 46.1

