

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021209.D
 Acq On : 15 Mar 2021 18:54
 Operator : JC/MD
 Sample : M1647-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-41730:31

Quant Time: Mar 16 03:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

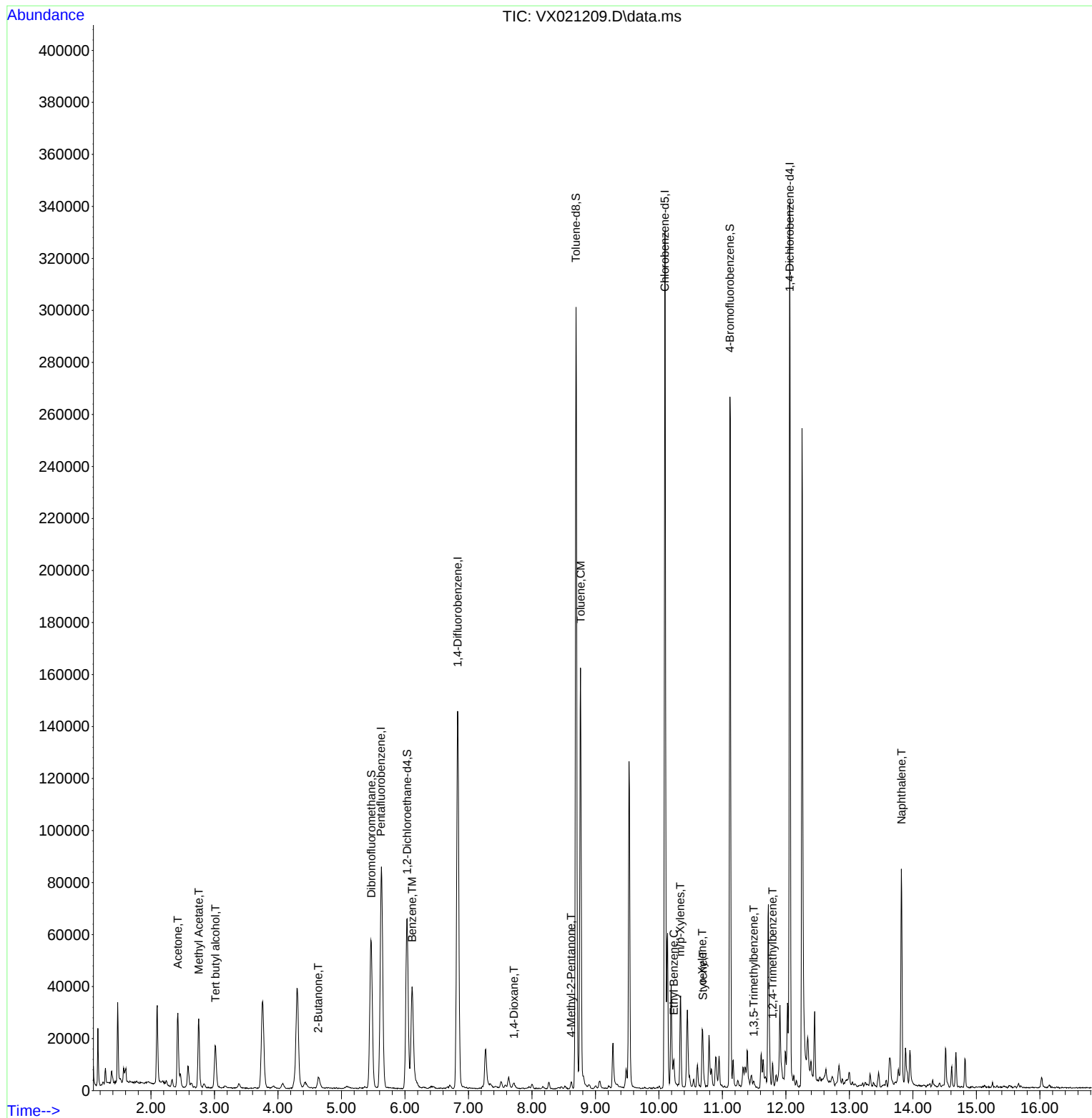
Internal Standards						
1) Pentafluorobenzene	5.623	168	73162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	135286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	131377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	64924	52.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.08%			
35) Dibromofluoromethane	5.470	113	47325	50.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.68%			
50) Toluene-d8	8.694	98	169698	50.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.50%			
62) 4-Bromofluorobenzene	11.118	95	68899	54.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.14%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.017	59	7702	35.44	ug/l #	89
16) Acetone	2.422	43	30487	60.80	ug/l	89
18) Methyl Acetate	2.752	43	30397	25.03	ug/l	90
25) 2-Butanone	4.634	43	6933	9.61	ug/l #	88
40) Benzene	6.111	78	42590	10.75	ug/l	99
49) 1,4-Dioxane	7.717	88	1102	48.45	ug/l #	61
51) 4-Methyl-2-Pentanone	8.617	43	1644	1.10	ug/l	89
52) Toluene	8.764	92	57111	23.90	ug/l	99
67) Ethyl Benzene	10.235	91	4294	0.85	ug/l	94
68) m/p-Xylenes	10.335	106	7435	4.11	ug/l	91
69) o-Xylene	10.682	106	3652	2.08	ug/l	88
70) Styrene	10.694	104	3622	1.22	ug/l #	77
80) 1,3,5-Trimethylbenzene	11.494	105	1003	0.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.788	105	3205	0.83	ug/l	86
95) Naphthalene	13.818	128	29681	8.09	ug/l	100

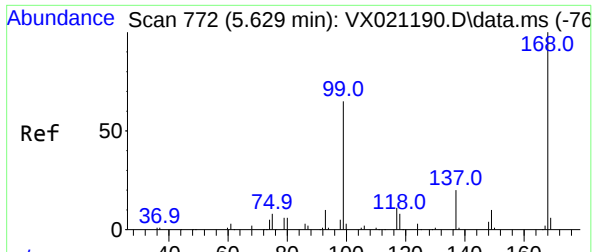
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

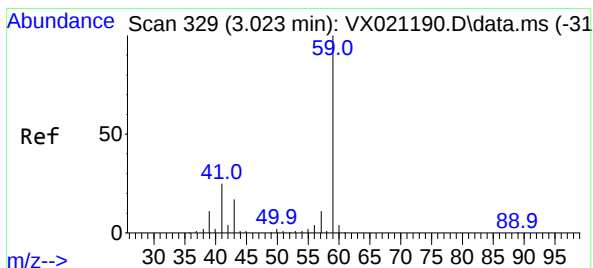
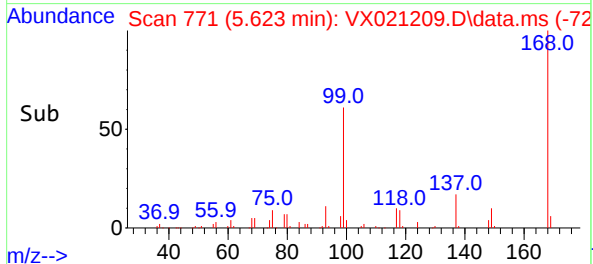
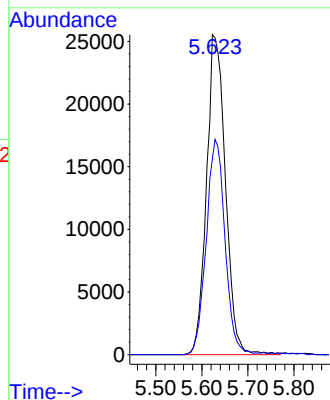
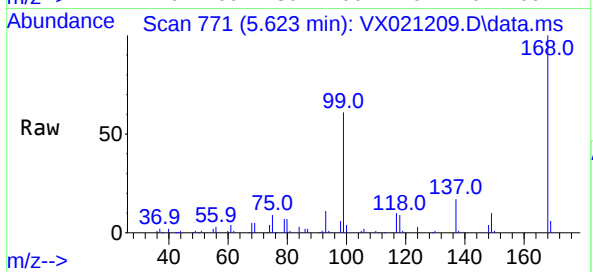




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

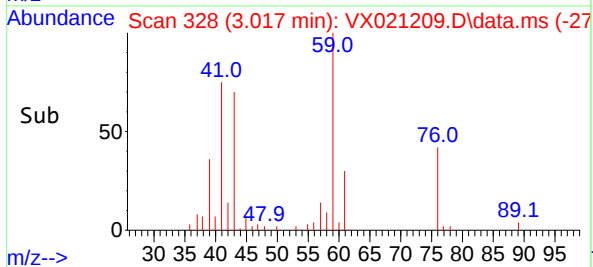
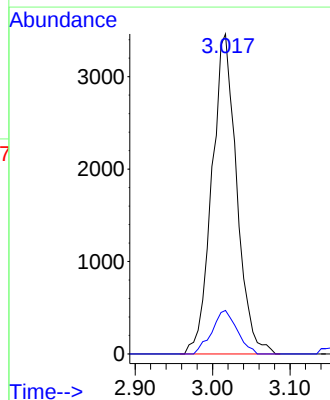
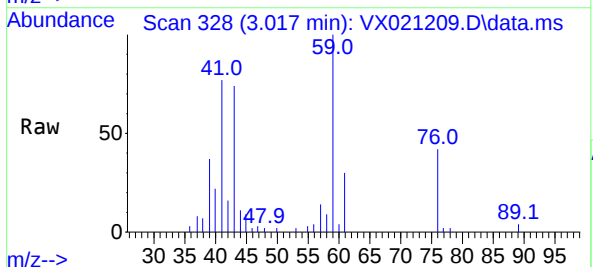
Instrument :
MSVOA_X
ClientSampleId :
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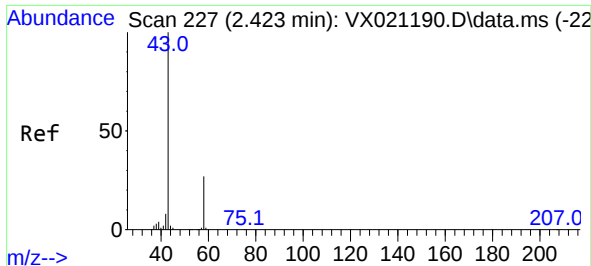
Tgt Ion:168 Resp: 73162
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 35.44 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 59 Resp: 7702
Ion Ratio Lower Upper
59 100
57 13.8 7.8 11.8#

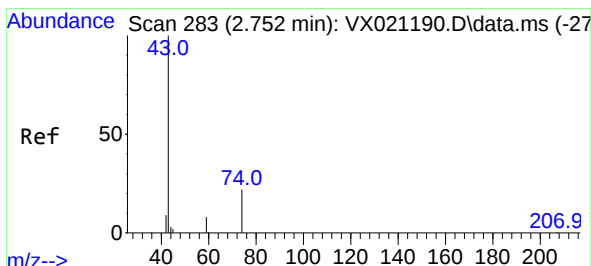
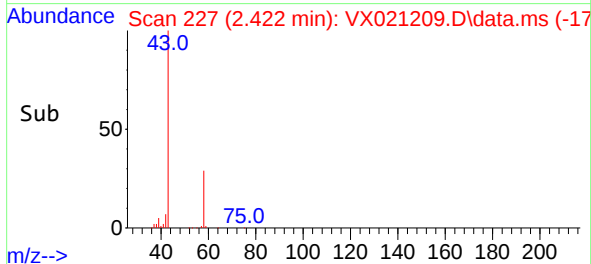
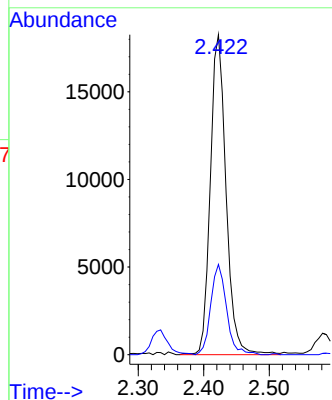
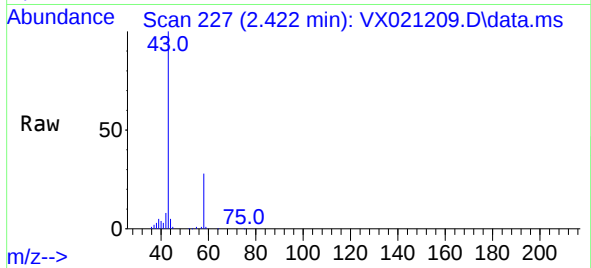




#16
Acetone
Concen: 60.80 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

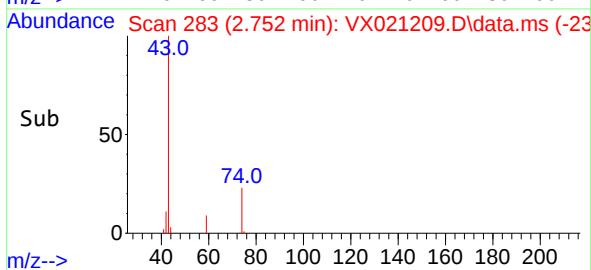
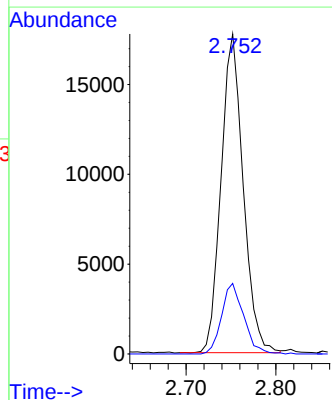
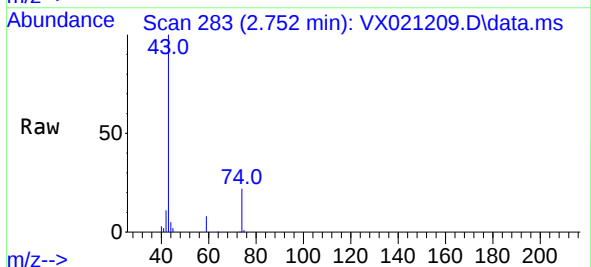
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

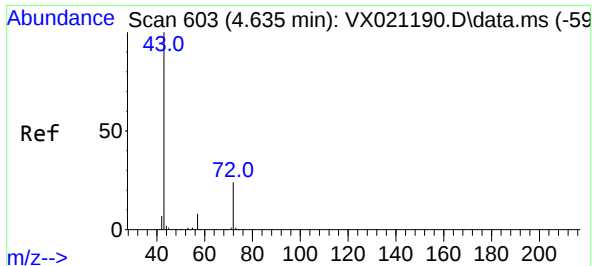
Tgt Ion: 43 Resp: 30487
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



#18
Methyl Acetate
Concen: 25.03 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 43 Resp: 30397
Ion Ratio Lower Upper
43 100
74 22.2 21.9 32.9

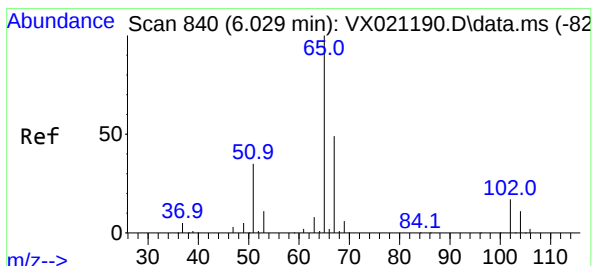
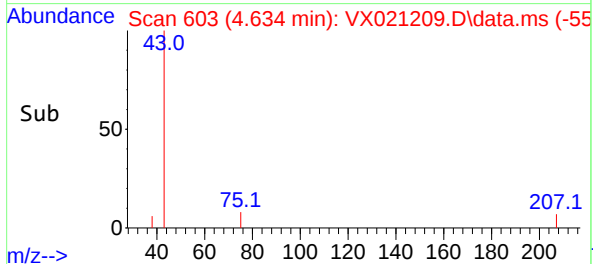
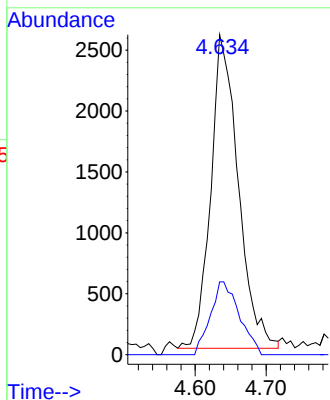
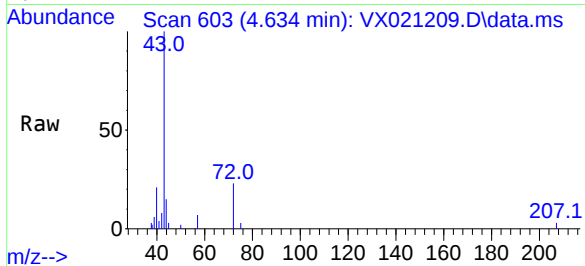




#25
2-Butanone
Concen: 9.61 ug/l
RT: 4.634 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

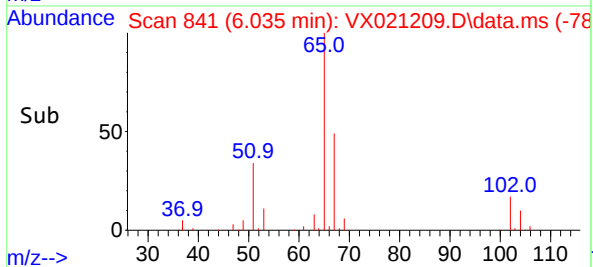
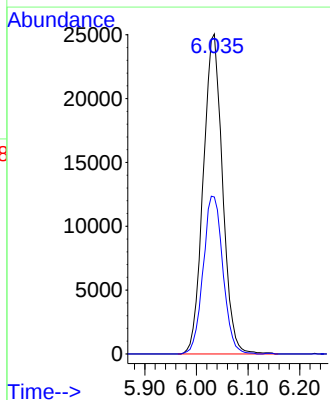
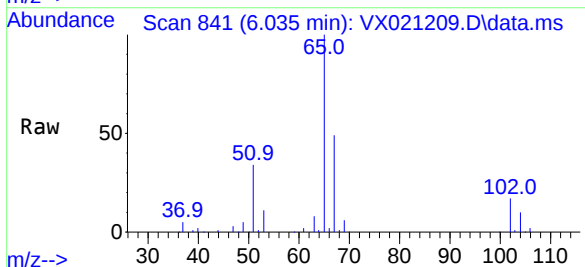
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

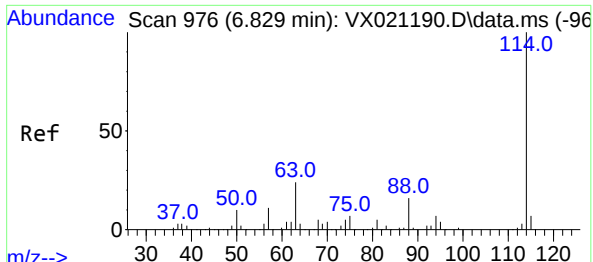
Tgt Ion: 43 Resp: 6933
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 52.04 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 65 Resp: 64924
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

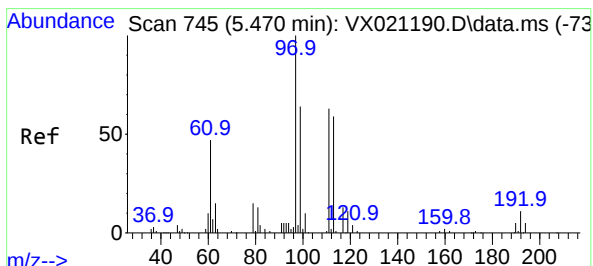
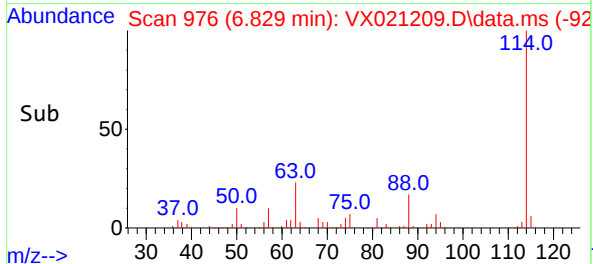
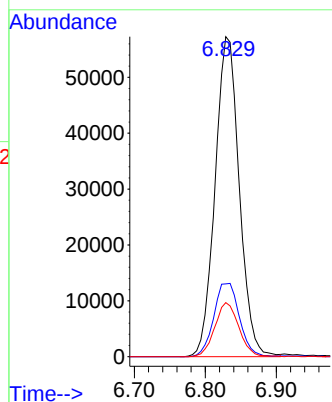
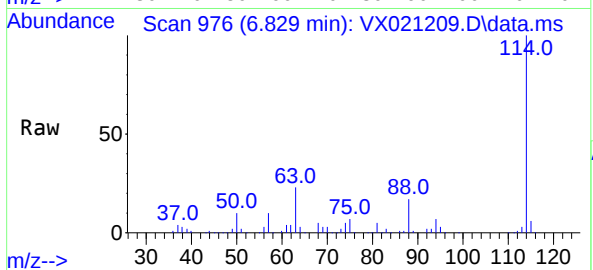




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

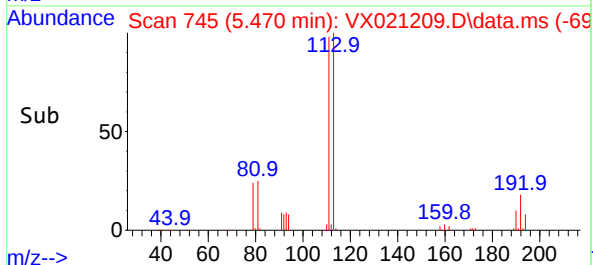
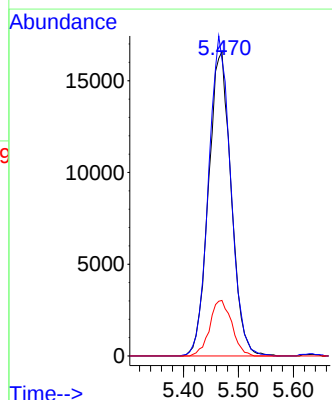
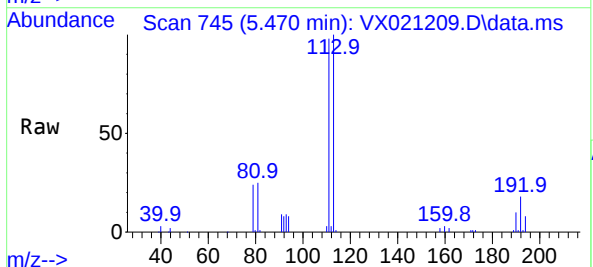
Instrument :
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ClientSampleId :
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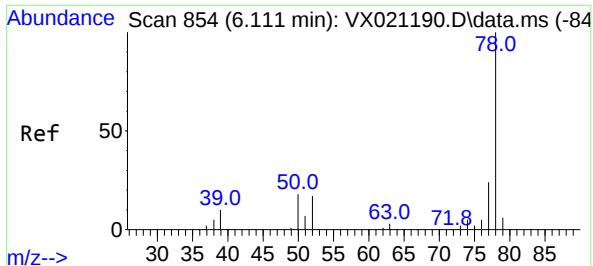
Tgt Ion:114 Resp: 135286
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.84 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion:113 Resp: 47325
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 17.8 16.7 25.1

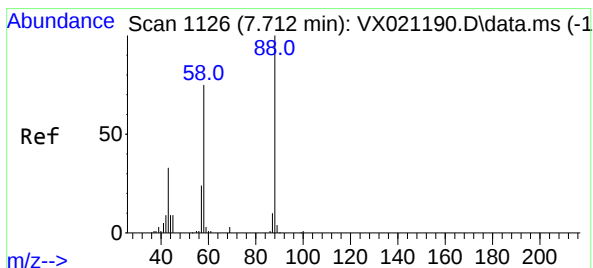
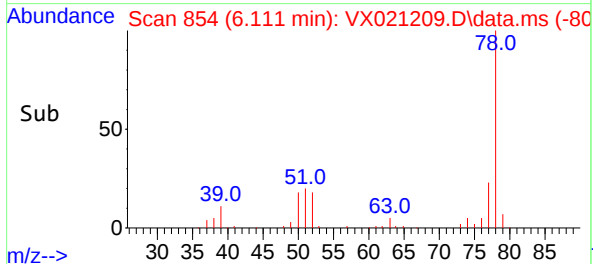
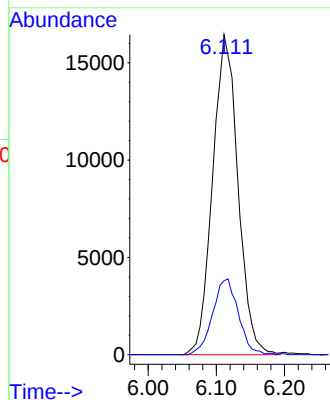
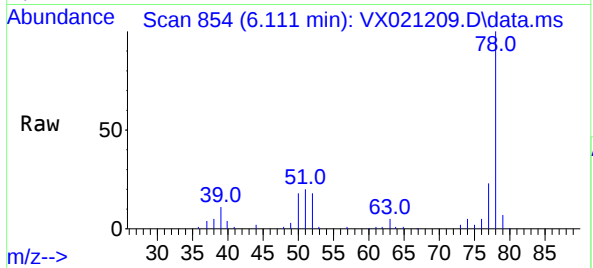




#40
Benzene
Concen: 10.75 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

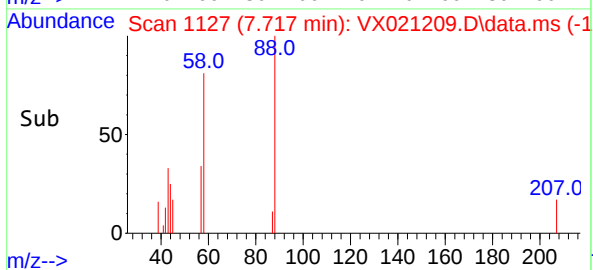
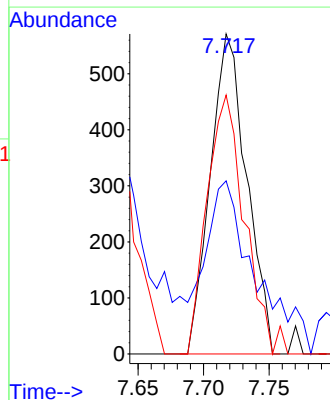
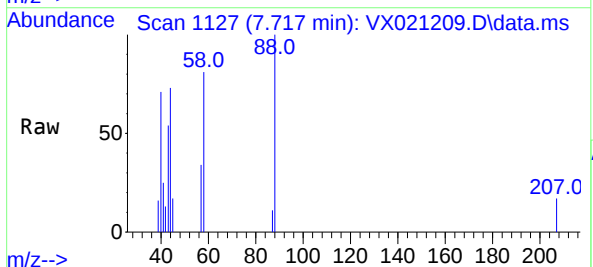
Instrument :
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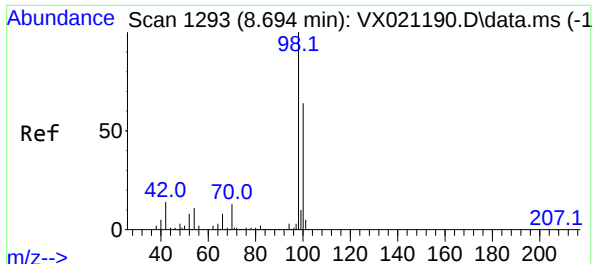
Tgt Ion: 78 Resp: 42590
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3



#49
1,4-Dioxane
Concen: 48.45 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 88 Resp: 1102
Ion Ratio Lower Upper
88 100
43 74.8 23.2 34.8#
58 83.9 55.0 82.4#

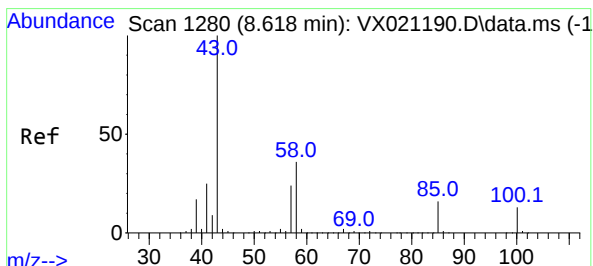
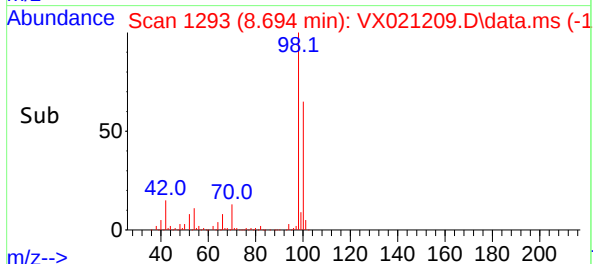
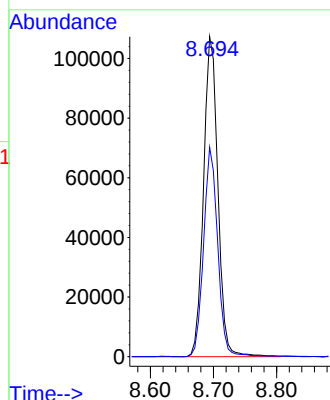
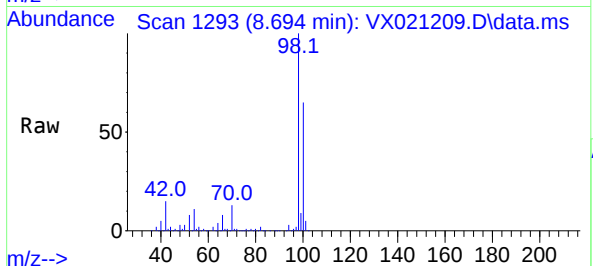




#50
Toluene-d8
Concen: 50.75 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

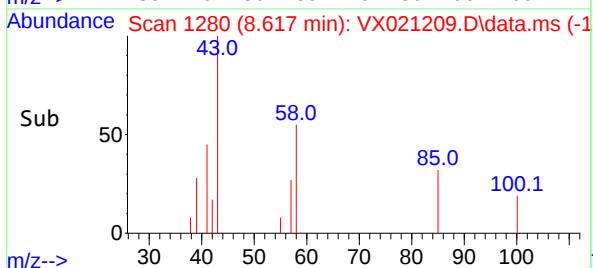
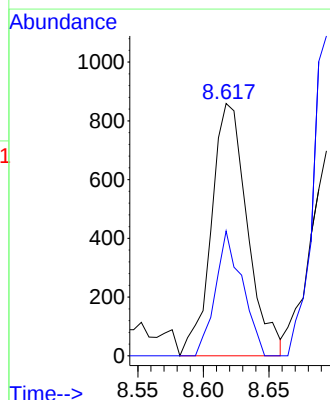
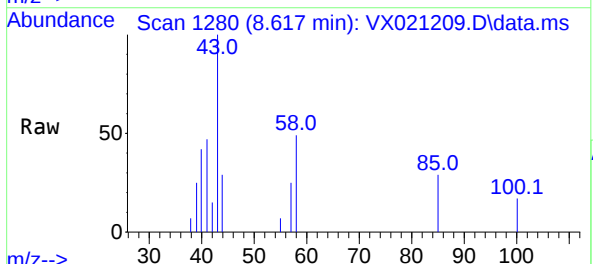
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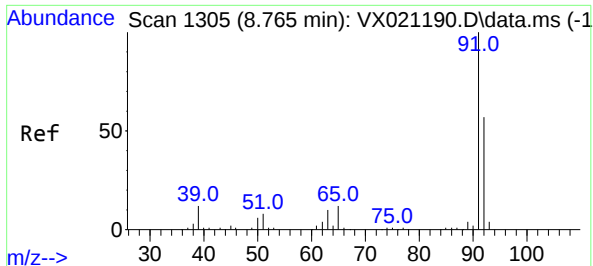
Tgt Ion: 98 Resp: 169698
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 36.9 35.4 53.0

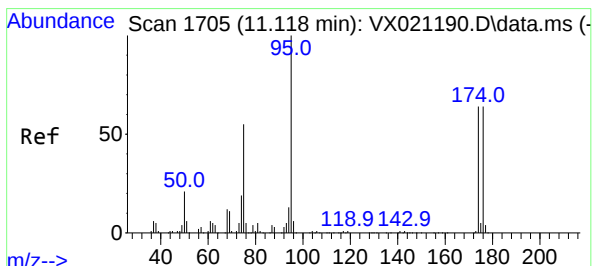
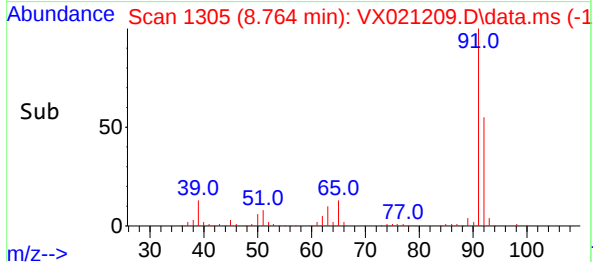
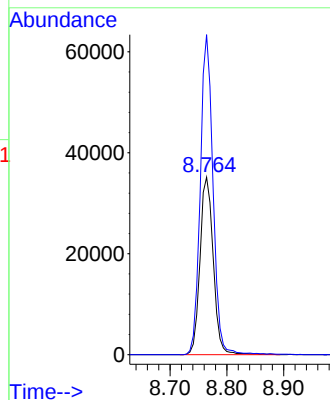
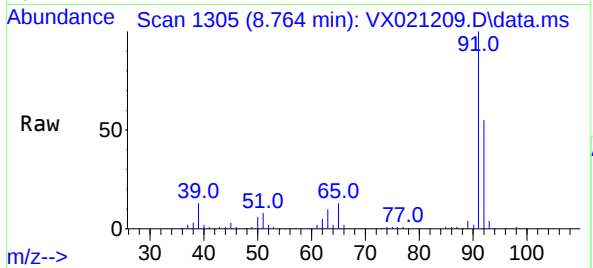




#52
Toluene
Concen: 23.90 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

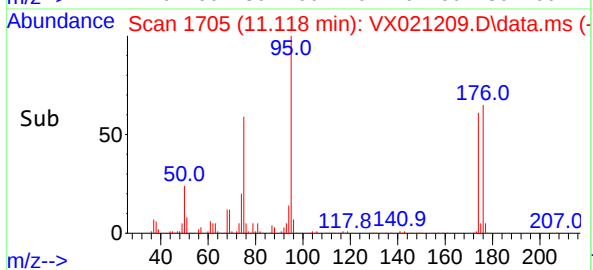
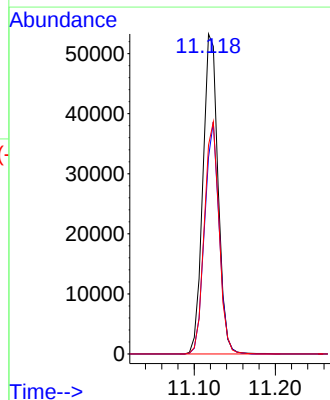
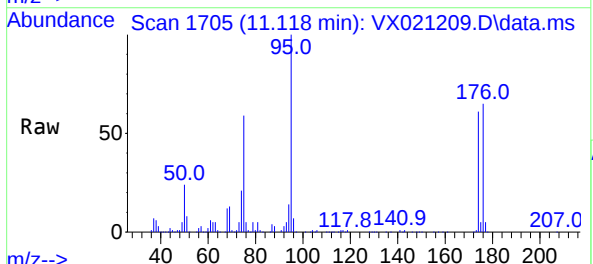
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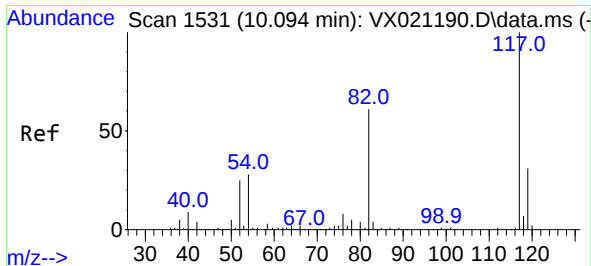
Tgt Ion: 92 Resp: 57111
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 54.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 95 Resp: 68899
Ion Ratio Lower Upper
95 100
174 69.3 0.0 154.6
176 70.5 0.0 155.8

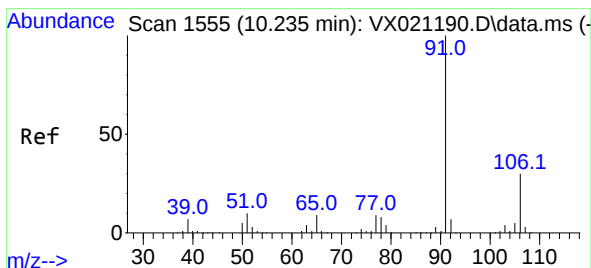
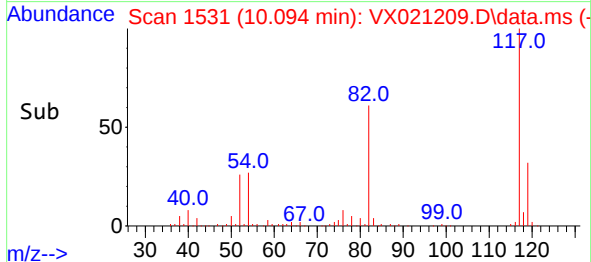
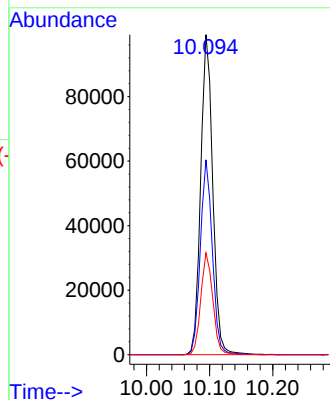
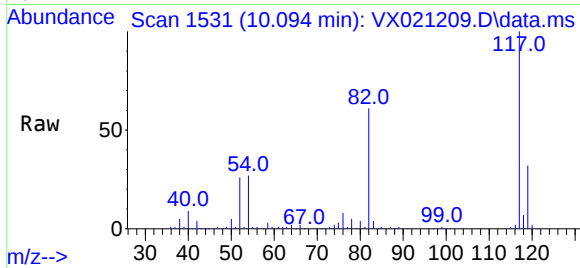




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

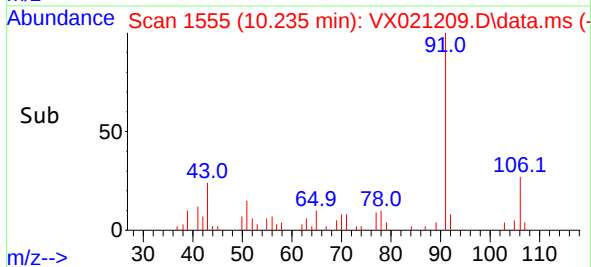
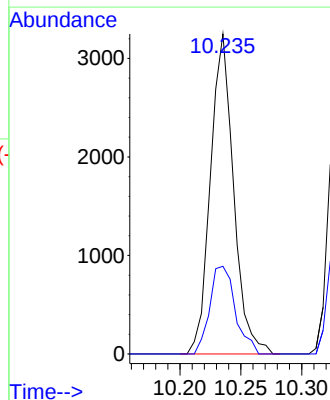
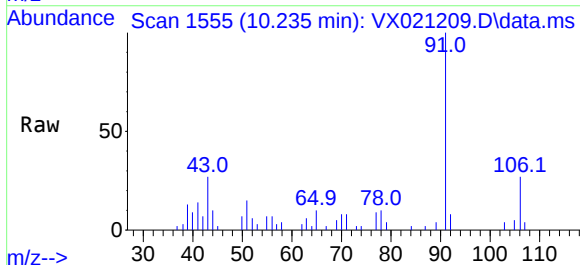
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

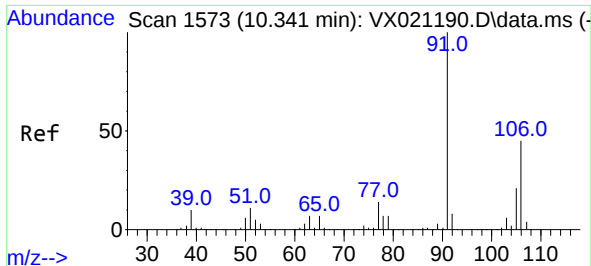
Tgt Ion:117 Resp: 131377
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.8 26.6 39.8



#67
Ethyl Benzene
Concen: 0.85 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion: 91 Resp: 4294
Ion Ratio Lower Upper
91 100
106 27.4 24.6 37.0

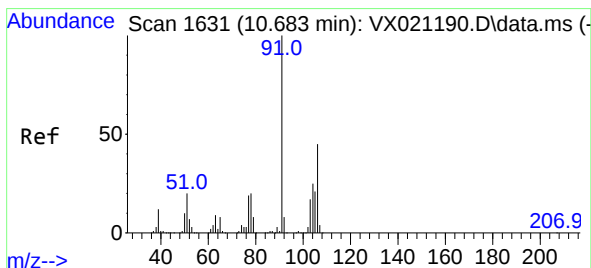
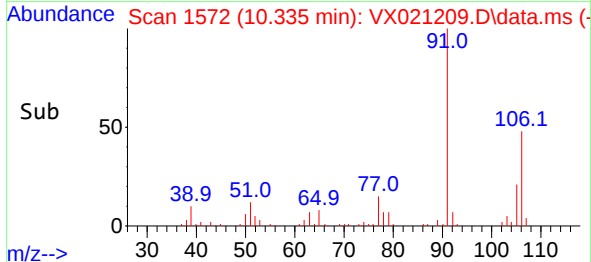
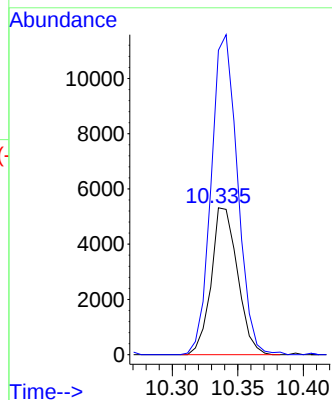
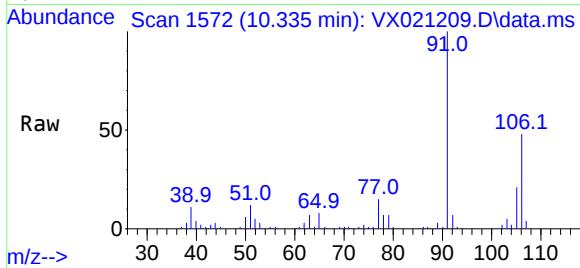




#68
m/p-Xylenes
Concen: 4.11 ug/l
RT: 10.335 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

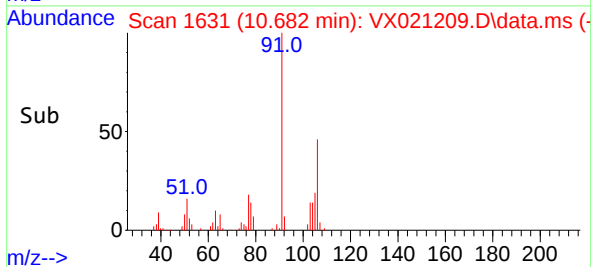
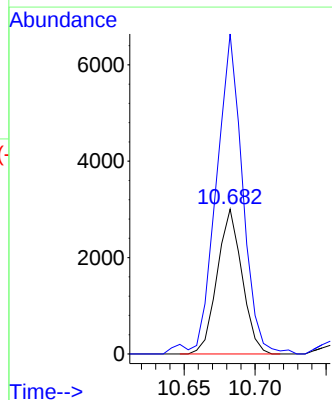
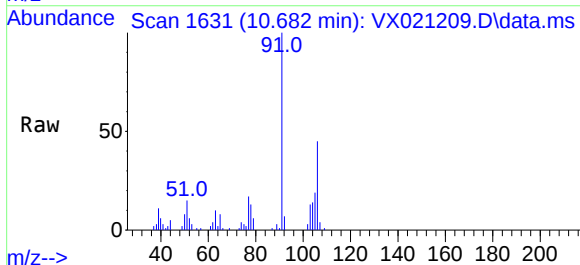
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

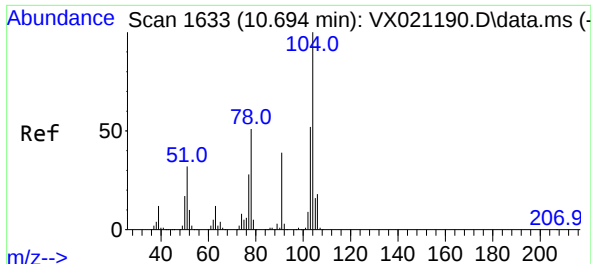
Tgt Ion:106 Resp: 7435
Ion Ratio Lower Upper
106 100
91 217.7 162.8 244.2



#69
o-Xylene
Concen: 2.08 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion:106 Resp: 3652
Ion Ratio Lower Upper
106 100
91 234.9 108.1 324.2

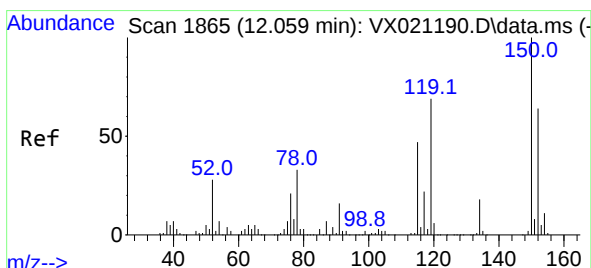
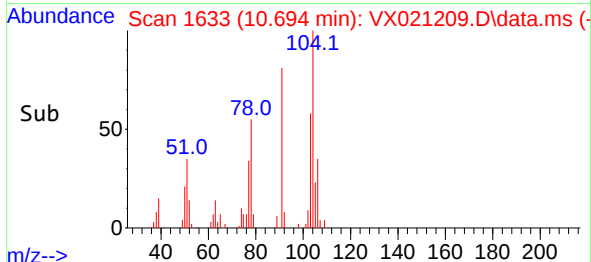
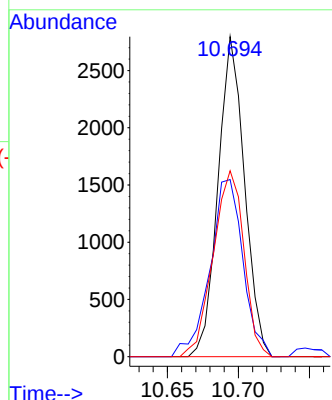
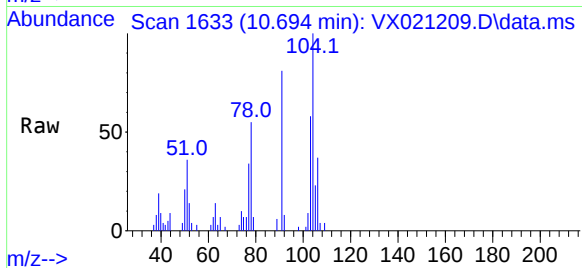




#70
Styrene
Concen: 1.22 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

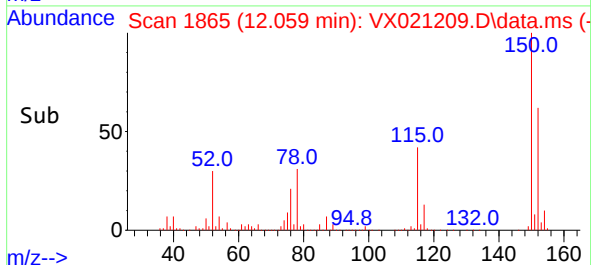
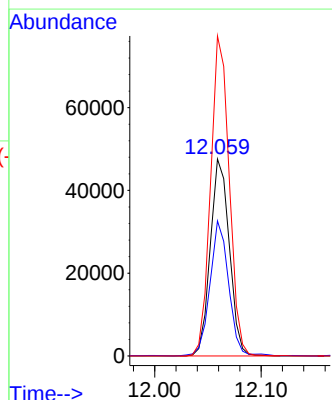
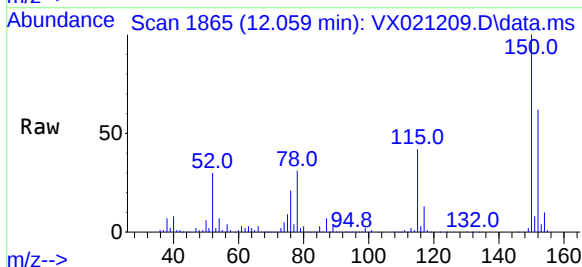
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

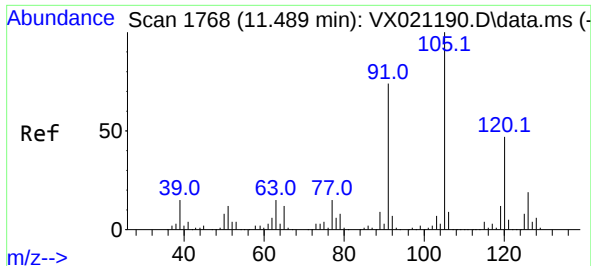
Tgt Ion:	104	Resp:	3622
Ion Ratio	Lower	Upper	
104	100		
78	69.1	40.0	60.0#
103	67.5	43.4	65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Tgt Ion:	152	Resp:	59003
Ion Ratio	Lower	Upper	
152	100		
115	67.8	41.1	123.3
150	159.0	0.0	349.0

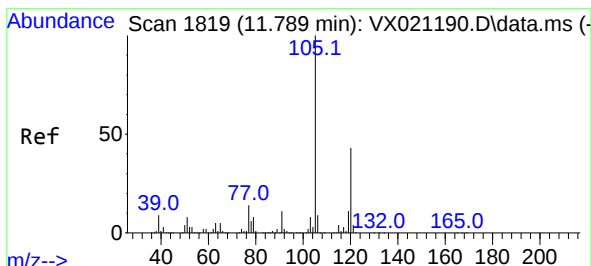
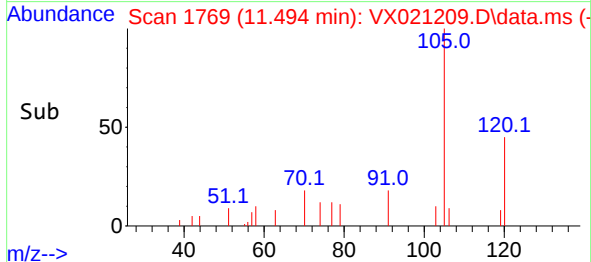
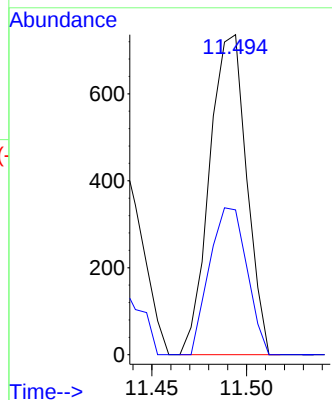
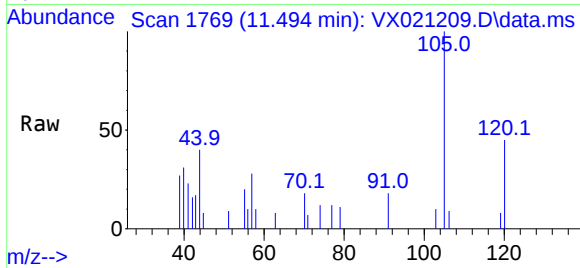




#80
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

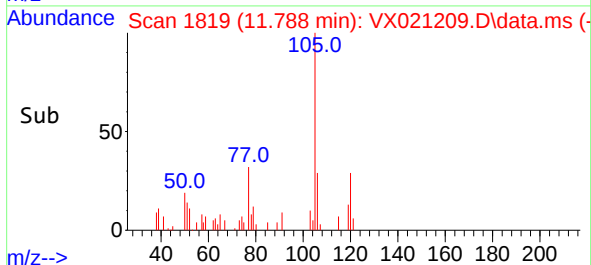
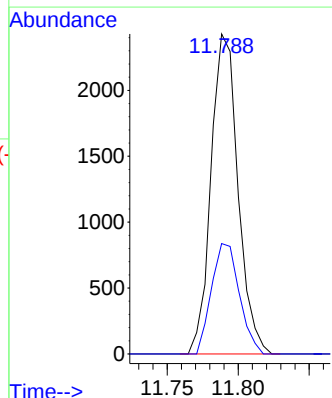
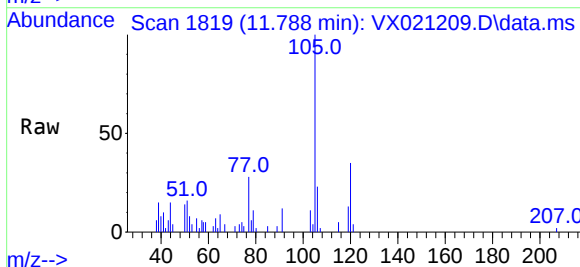
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31

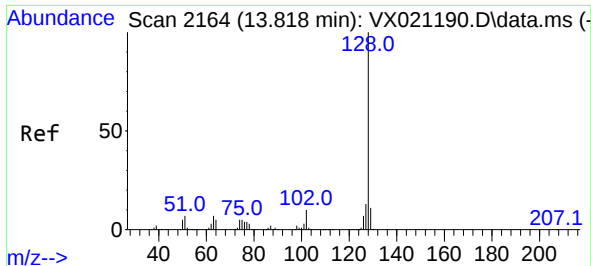
Tgt Ion:105 Resp: 1003
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 0.83 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

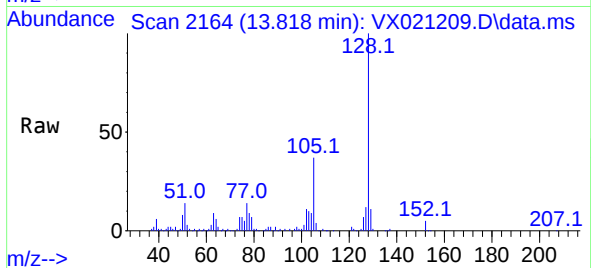
Tgt Ion:105 Resp: 3205
Ion Ratio Lower Upper
105 100
120 35.6 22.4 67.3





#95
Naphthalene
Concen: 8.09 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021209.D
Acq: 15 Mar 2021 18:54

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41730:31



Tgt Ion:128 Resp: 29681
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

