

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020776.D
 Acq On : 27 Jan 2021 17:38
 Operator : JC/SP
 Sample : M1217-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1525

Quant Time: Jan 28 00:45:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

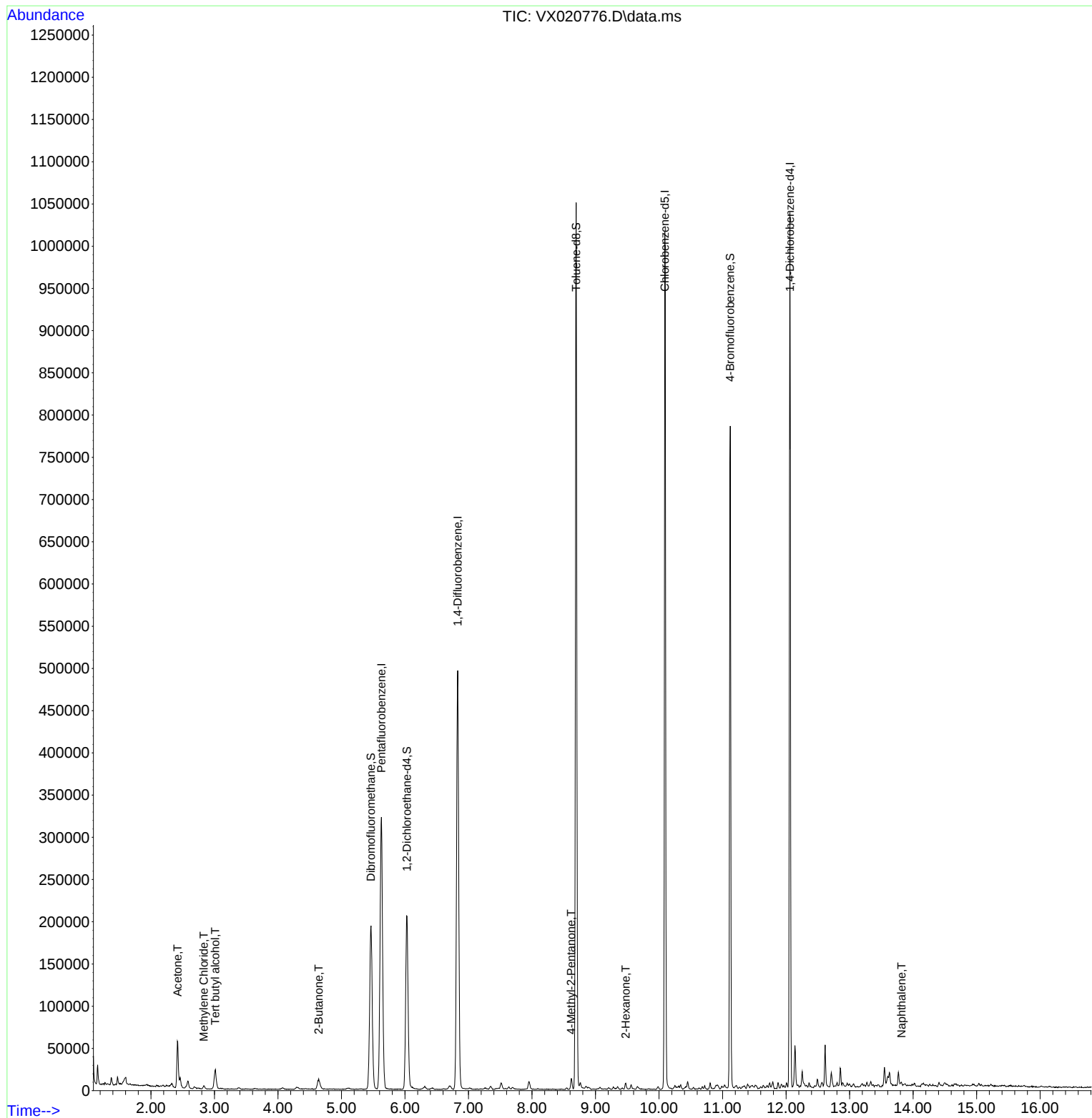
Internal Standards						
1) Pentafluorobenzene	5.629	168	296685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	505362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	474912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	205749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	198732	49.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.22%		
35) Dibromofluoromethane	5.464	113	170322	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	8.696	98	624232	49.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.38%		
62) 4-Bromofluorobenzene	11.122	95	218755	44.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.78%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	26246	34.74	ug/l	99
16) Acetone	2.416	43	58885	38.38	ug/l	99
20) Methylene Chloride	2.831	84	1547	0.40	ug/l #	88
25) 2-Butanone	4.641	43	20008	8.33	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	7202	1.49	ug/l	99
59) 2-Hexanone	9.476	43	3860	1.07	ug/l	91
95) Naphthalene	13.817	128	1377	2.95	ug/l #	92

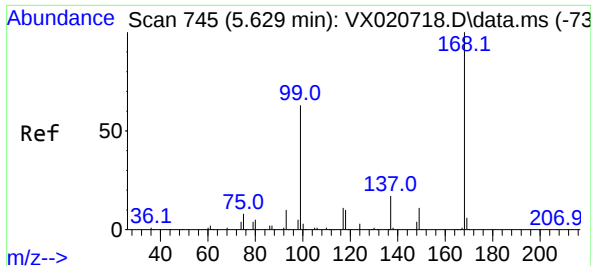
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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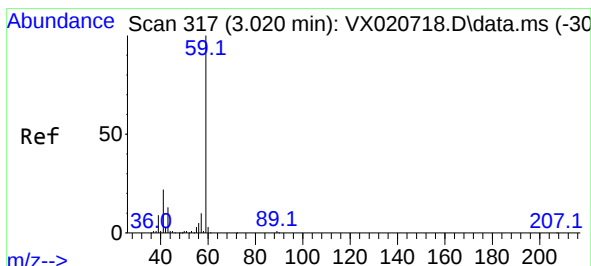
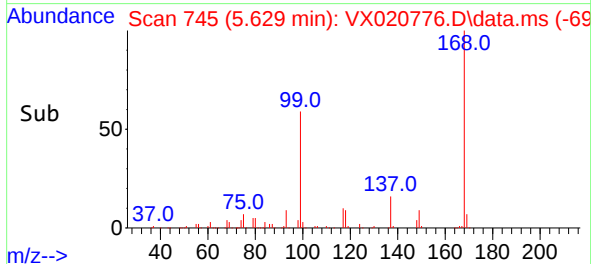
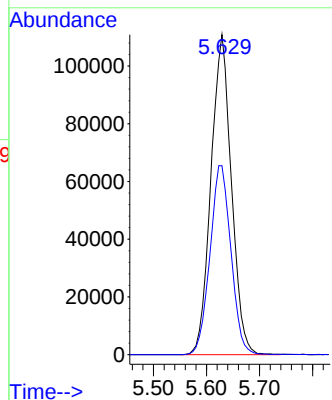
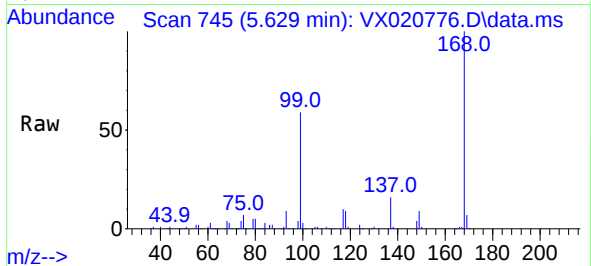




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

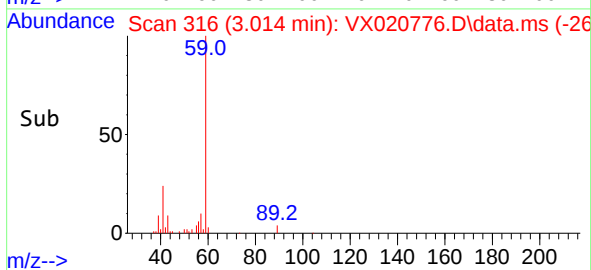
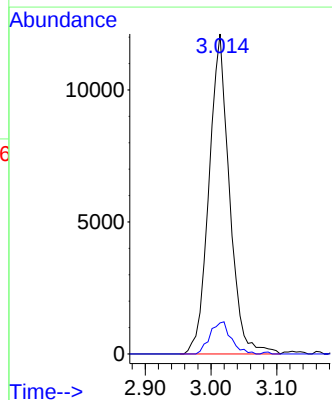
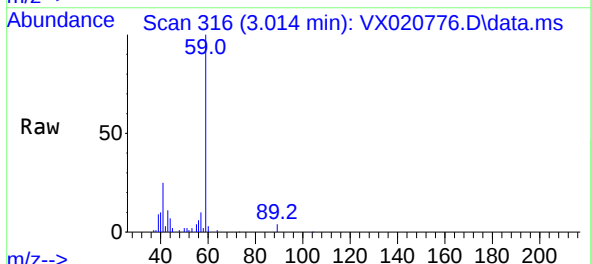
Instrument :
MSVOA_X
ClientSampleId :
1525

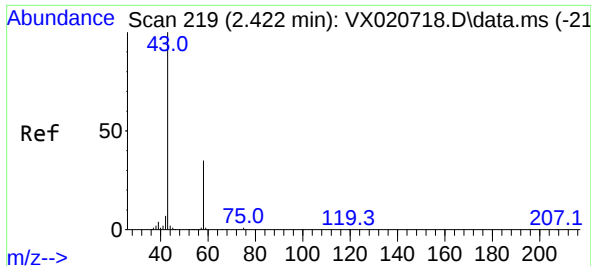
Tgt Ion:168 Resp: 296685
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 34.74 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.006 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Tgt Ion: 59 Resp: 26246
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8

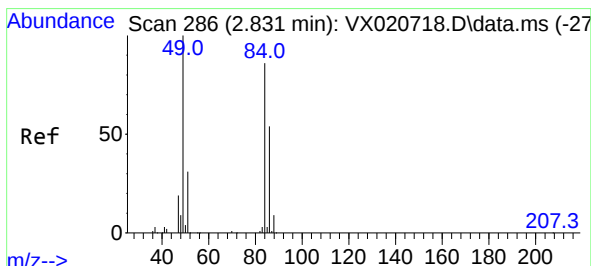
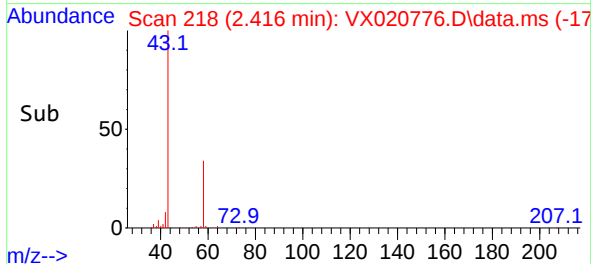
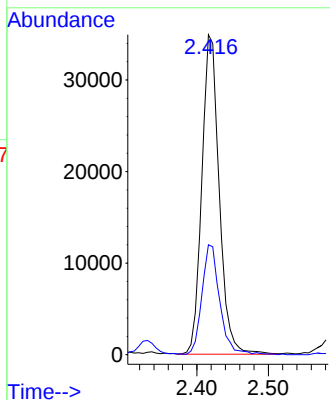
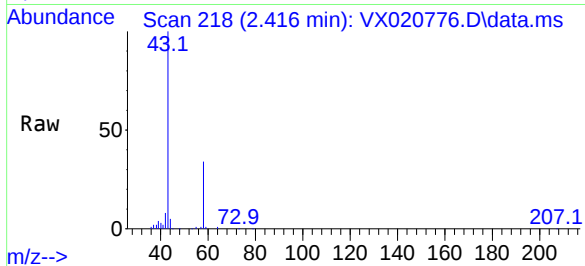




#16
Acetone
Concen: 38.38 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

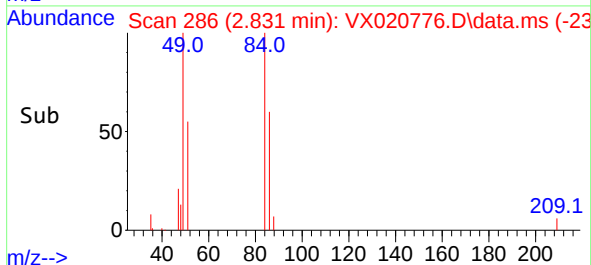
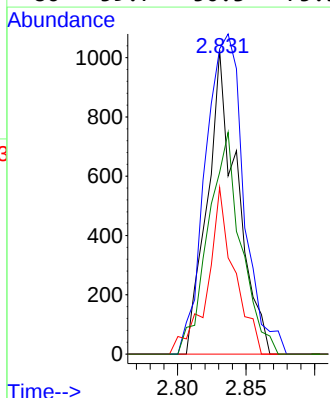
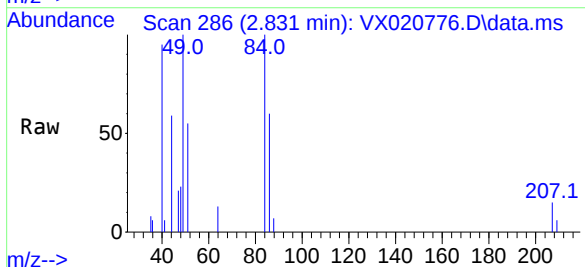
Instrument :
MSVOA_X
ClientSampleId :
1525

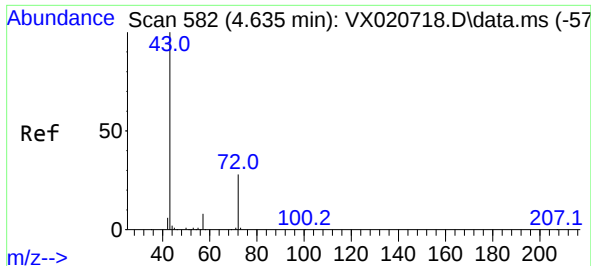
Tgt Ion: 43 Resp: 58885
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Tgt Ion: 84 Resp: 1547
Ion Ratio Lower Upper
84 100
49 100.4 88.6 132.8
51 54.8 27.0 40.6#
86 59.7 50.3 75.5





#25

2-Butanone

Concen: 8.33 ug/l

RT: 4.641 min Scan# 583

Delta R.T. 0.006 min

Lab File: VX020776.D

Acq: 27 Jan 2021 17:38

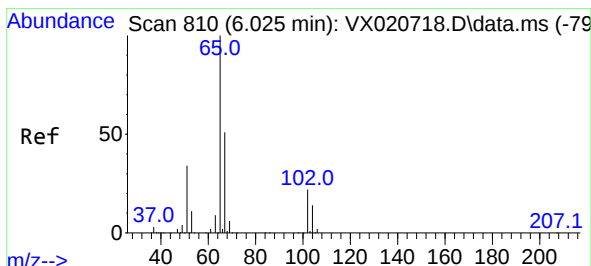
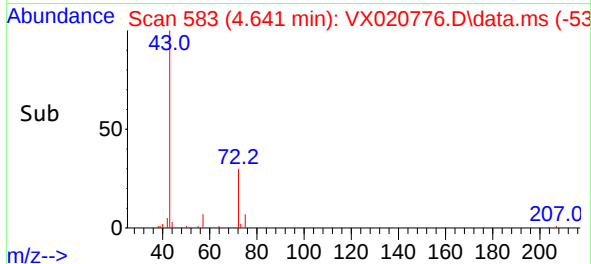
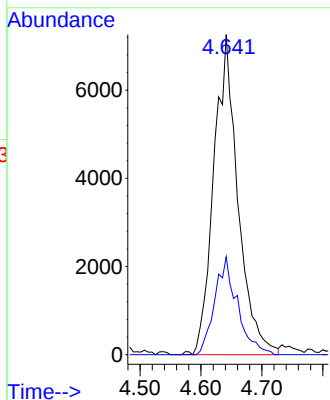
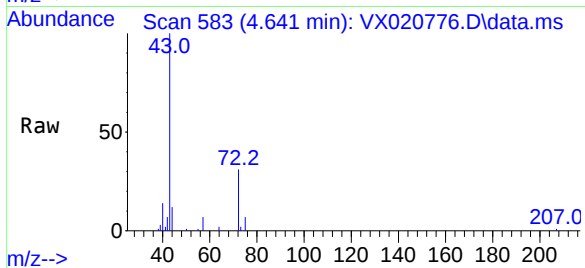
Instrument :
MSVOA_X
ClientSampled :
1525

Tgt Ion: 43 Resp: 20008

Ion Ratio Lower Upper

43 100

72 30.6 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 49.11 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020776.D

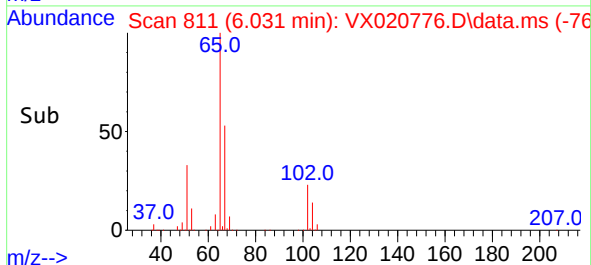
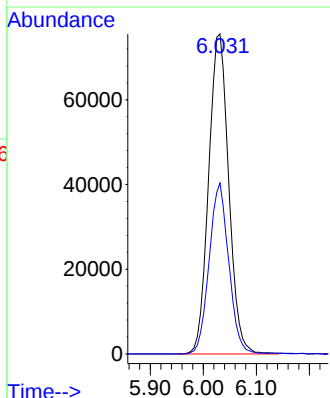
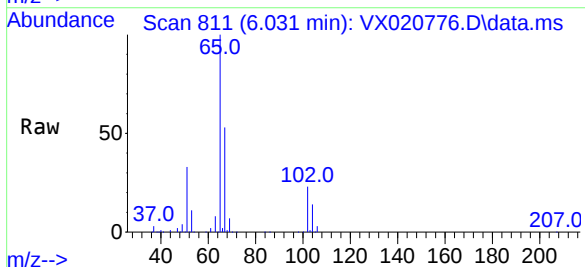
Acq: 27 Jan 2021 17:38

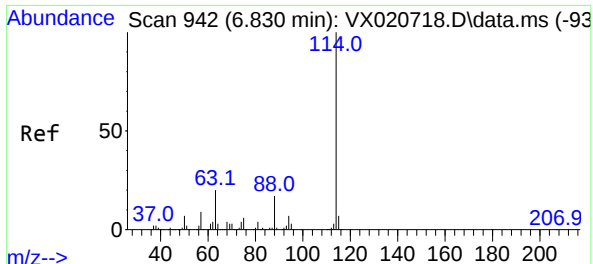
Tgt Ion: 65 Resp: 198732

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020776.D

Acq: 27 Jan 2021 17:38

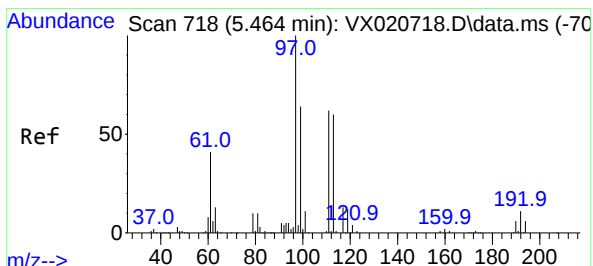
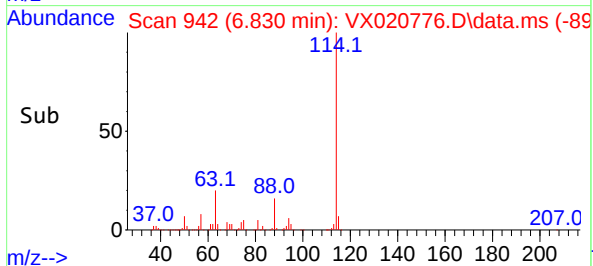
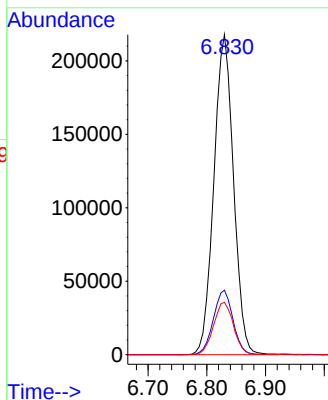
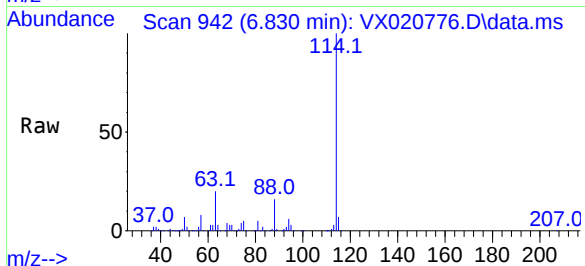
Tgt Ion:114 Resp: 505362

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.20 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX020776.D

Acq: 27 Jan 2021 17:38

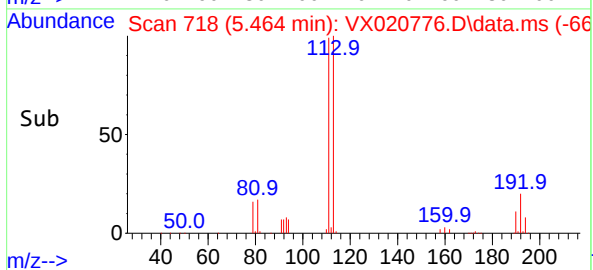
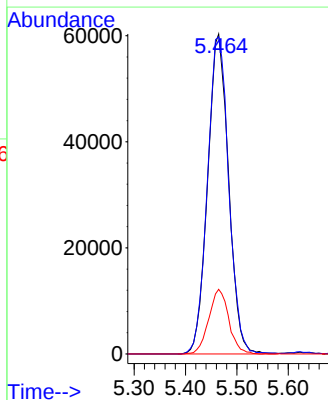
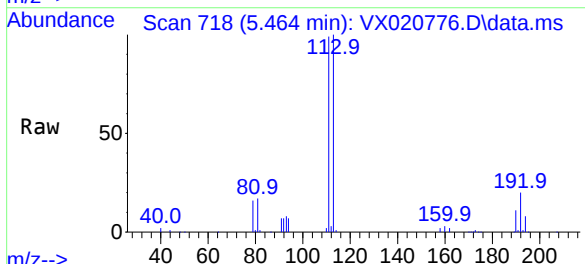
Tgt Ion:113 Resp: 170322

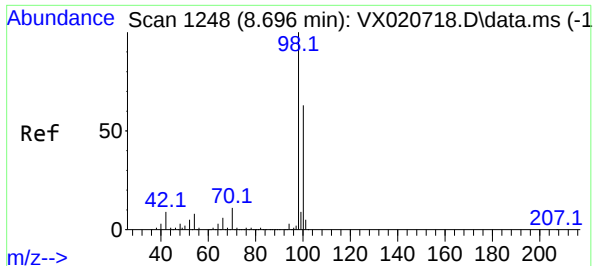
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 19.4 16.7 25.1

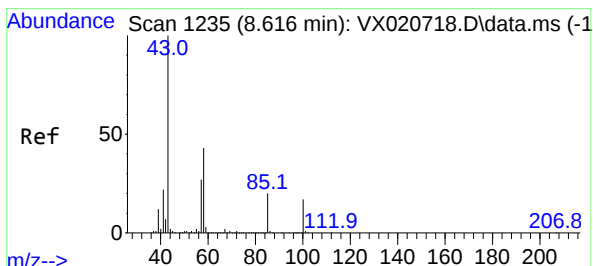
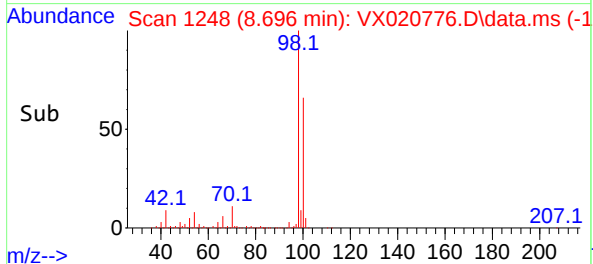
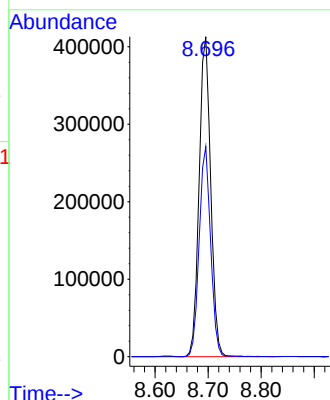
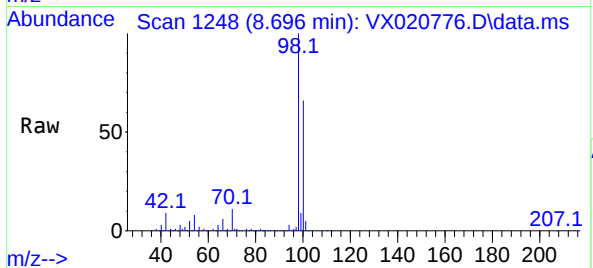




#50
Toluene-d8
Concen: 49.19 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

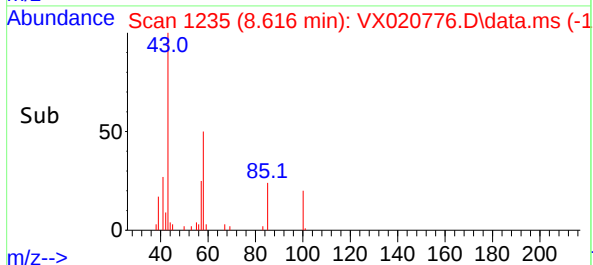
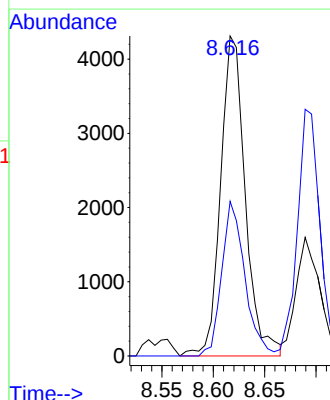
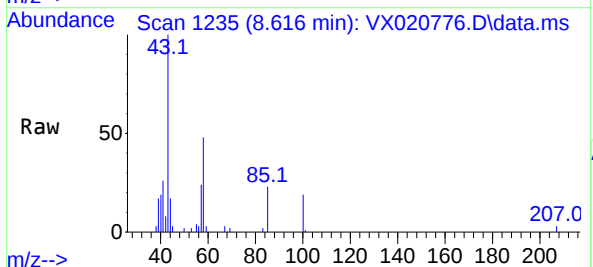
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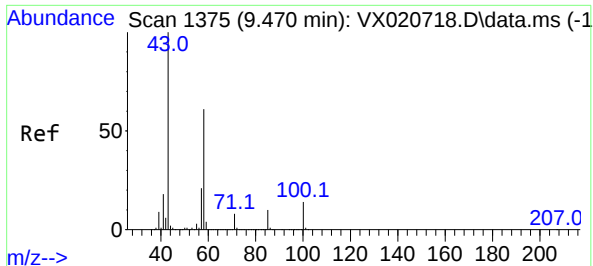
Tgt Ion: 98 Resp: 624232
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.49 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Tgt Ion: 43 Resp: 7202
Ion Ratio Lower Upper
43 100
58 45.2 35.4 53.0

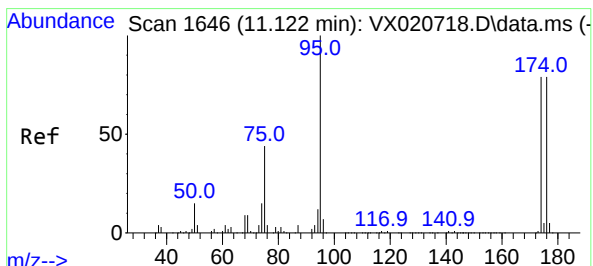
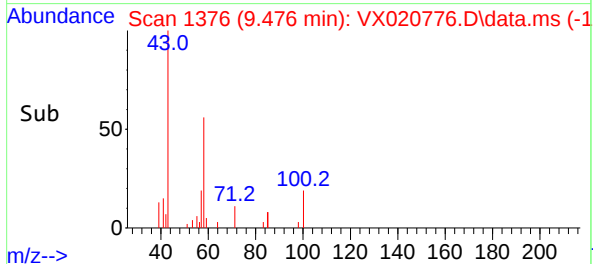
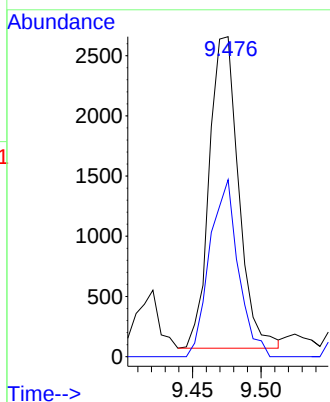
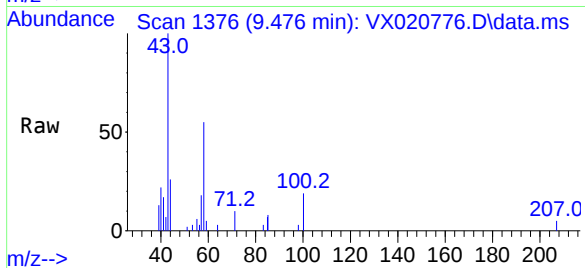




#59
2-Hexanone
Concen: 1.07 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

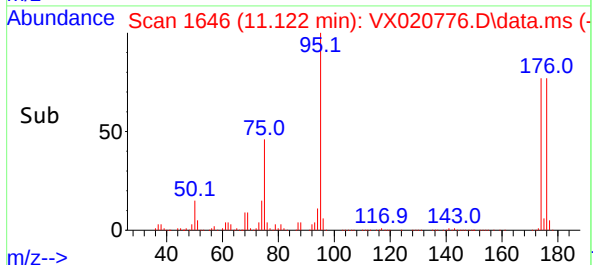
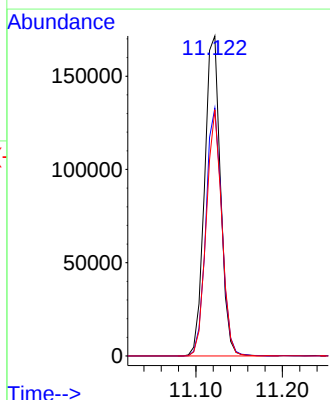
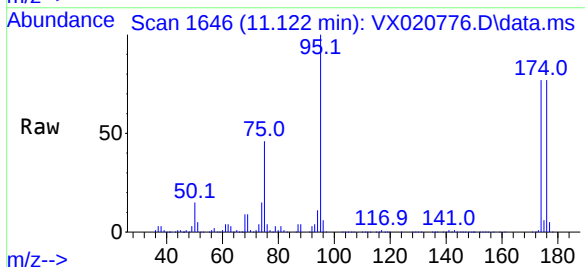
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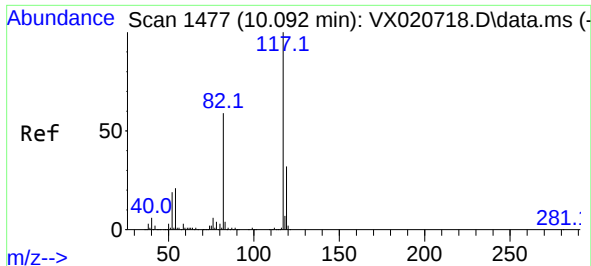
Tgt Ion: 43 Resp: 3860
Ion Ratio Lower Upper
43 100
58 55.4 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Tgt Ion: 95 Resp: 218755
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.7 0.0 155.8

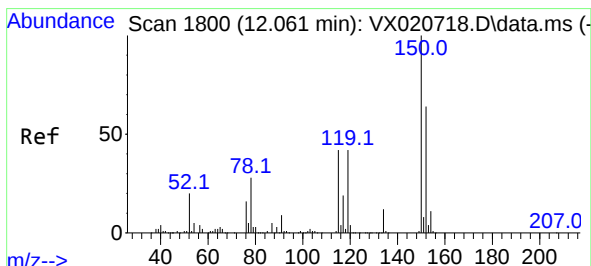
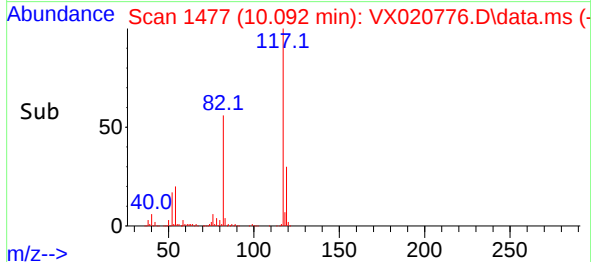
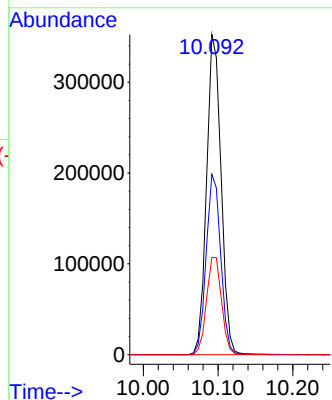
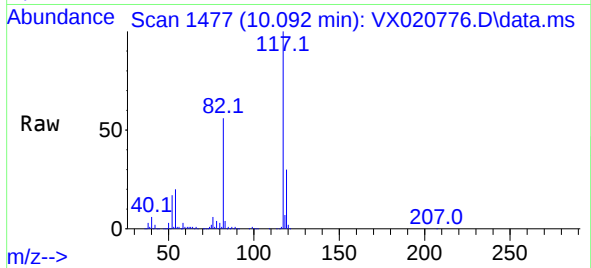




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

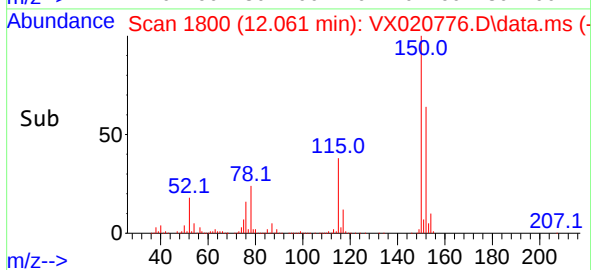
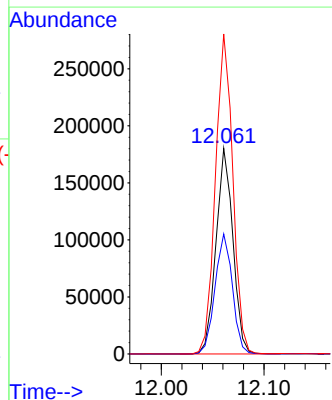
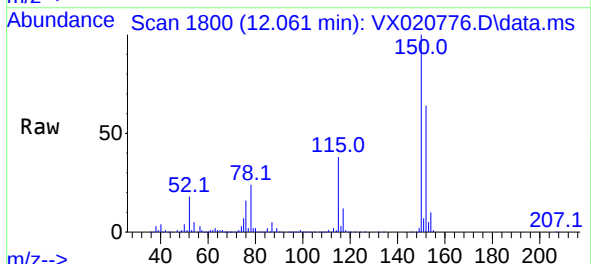
Instrument :
MSVOA_X
ClientSampleId :
1525

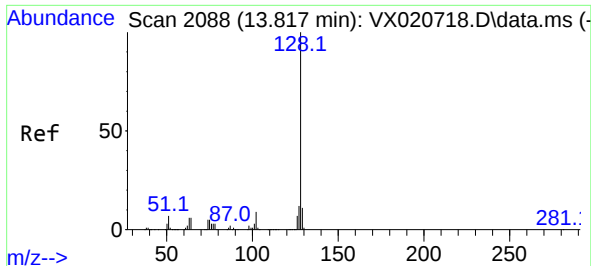
Tgt Ion:	117	Resp:	474912
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.4	71.2
119	30.4	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Tgt Ion:	152	Resp:	205749
Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.1	123.3
150	159.8	0.0	349.0





#95
Naphthalene
Concen: 2.95 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020776.D
Acq: 27 Jan 2021 17:38

Instrument :
MSVOA_X
ClientSampleId :
1525

Tgt Ion:	128	Resp:	1377
Ion	Ratio	Lower	Upper
128	100		
127	17.9	10.3	15.5#
129	10.2	8.8	13.2

