

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020781.D
 Acq On : 27 Jan 2021 19:31
 Operator : JC/SP
 Sample : M1217-16 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1710

Quant Time: Jan 28 00:47:28 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)

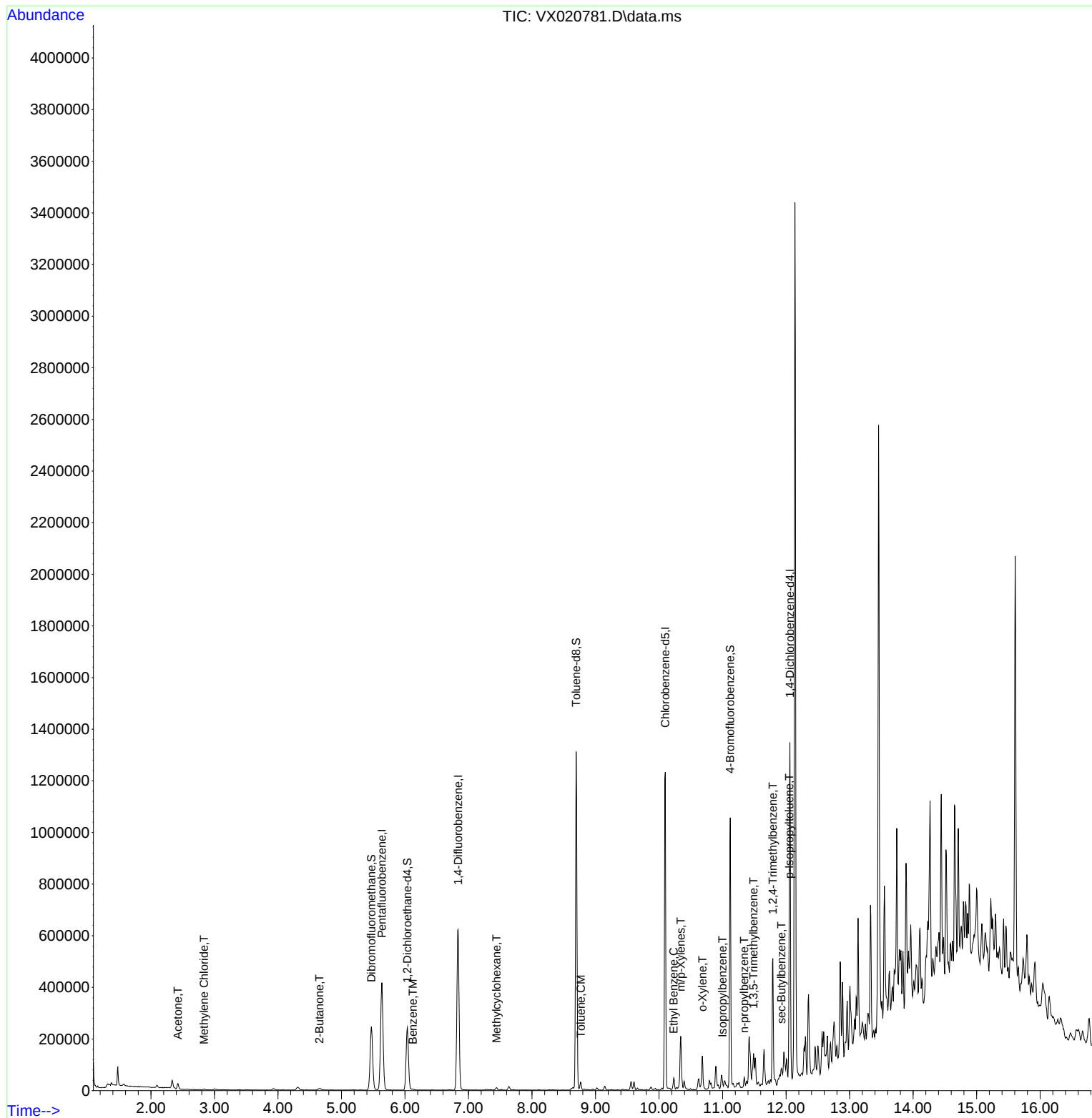
Internal Standards						
1) Pentafluorobenzene	5.635	168	377137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.836	114	649509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	577423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	263891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.037	65	229918	44.70	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.40%
35) Dibromofluoromethane	5.471	113	212936	47.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.72%
50) Toluene-d8	8.696	98	781030	47.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.78%
62) 4-Bromofluorobenzene	11.122	95	279446	44.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.24%
Target Compounds						
					Qvalue	
16) Acetone	2.422	43	23495	12.05	ug/l	91
20) Methylene Chloride	2.837	84	1466	0.30	ug/l	90
25) 2-Butanone	4.654	43	4150	1.36	ug/l	90
39) Methylcyclohexane	7.440	83	3752	0.51	ug/l	91
40) Benzene	6.123	78	3848	0.20	ug/l	91
52) Toluene	8.769	92	10999	0.91	ug/l	99
67) Ethyl Benzene	10.232	91	20500	0.95	ug/l	97
68) m/p-Xylenes	10.342	106	48565	6.01	ug/l	98
69) o-Xylene	10.683	106	27861	3.67	ug/l	97
73) Isopropylbenzene	11.000	105	10579	0.55	ug/l	93
78) n-propylbenzene	11.341	91	24239	1.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	46740	2.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	211996	12.89	ug/l	100
85) sec-Butylbenzene	11.927	105	13147	0.72	ug/l #	73
86) p-Isopropyltoluene	12.049	119	75660	4.48	ug/l	97

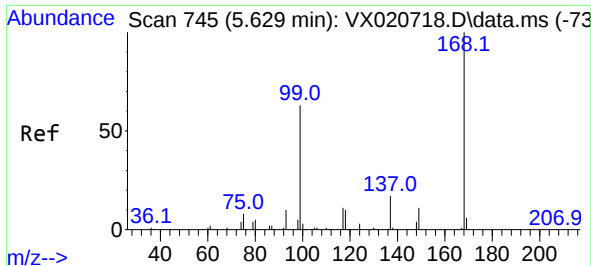
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

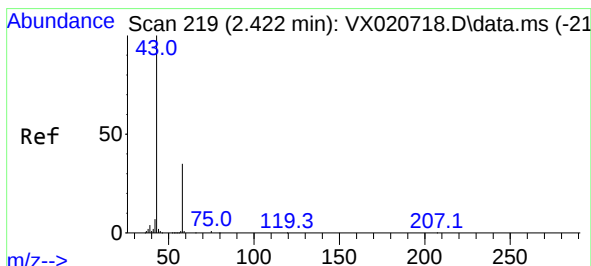
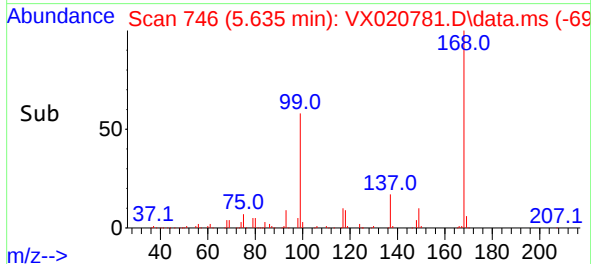
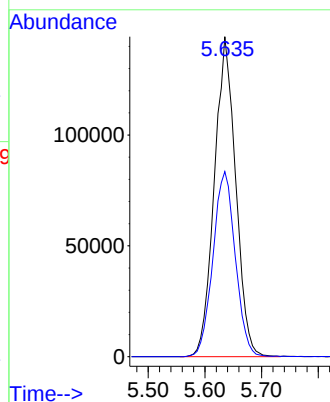
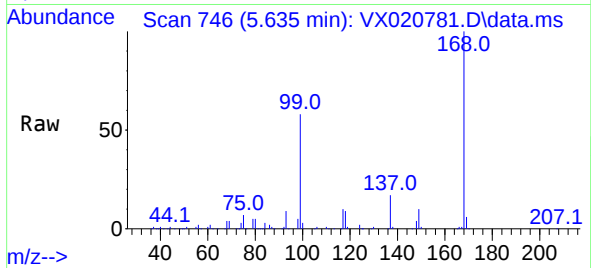




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.006 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

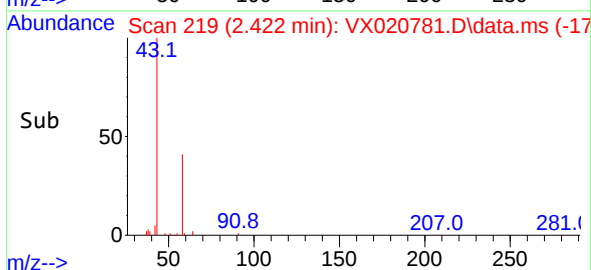
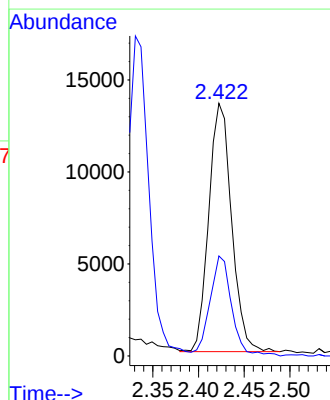
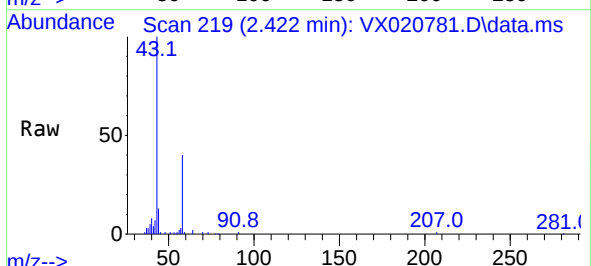
Instrument :
MSVOA_X
ClientSampleId :
1710

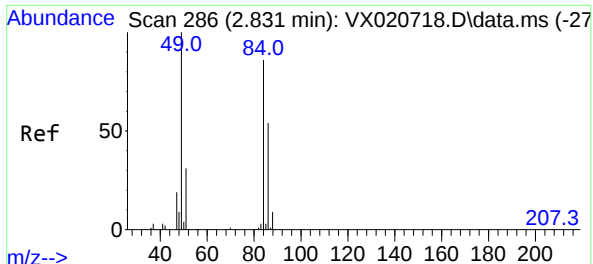
Tgt Ion:168 Resp: 377137
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#16
Acetone
Concen: 12.05 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 43 Resp: 23495
Ion Ratio Lower Upper
43 100
58 40.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020781.D

Acq: 27 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampled :
1710

Tgt Ion: 84 Resp: 1466

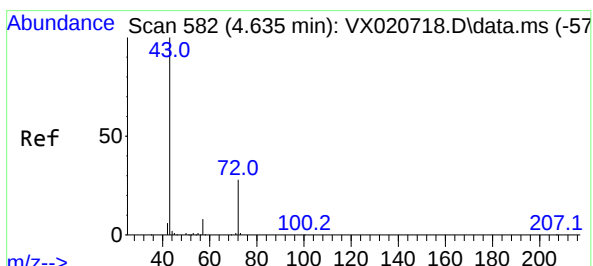
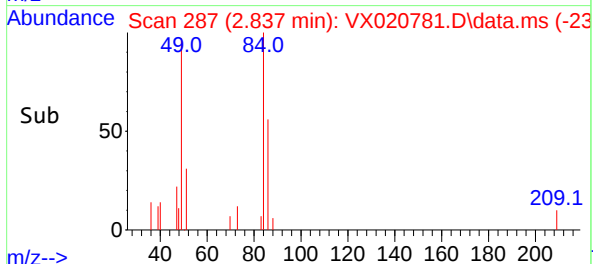
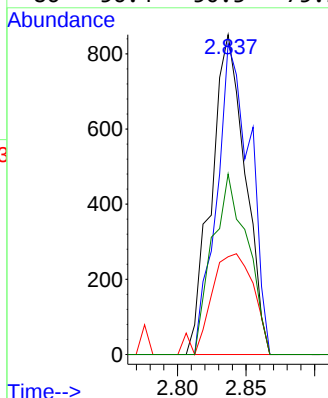
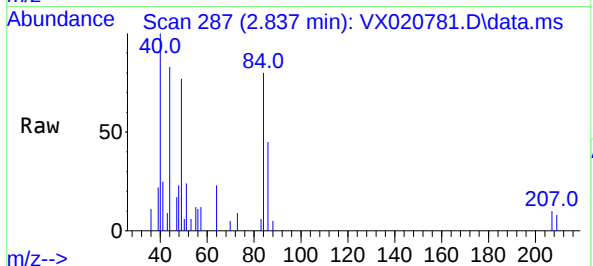
Ion Ratio Lower Upper

84 100

49 97.2 88.6 132.8

51 30.6 27.0 40.6

86 56.4 50.3 75.5



#25

2-Butanone

Concen: 1.36 ug/l

RT: 4.654 min Scan# 585

Delta R.T. 0.019 min

Lab File: VX020781.D

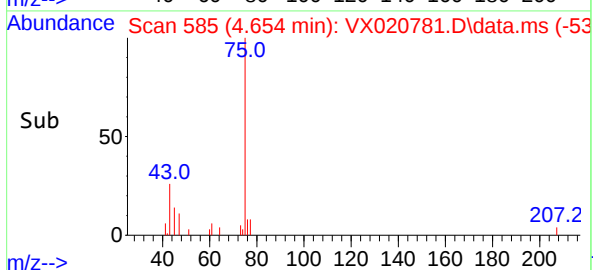
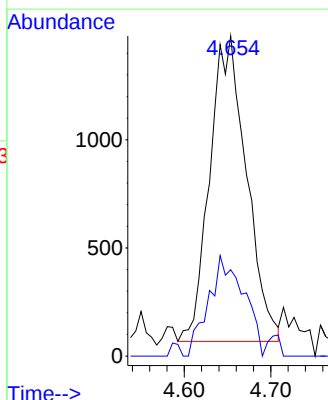
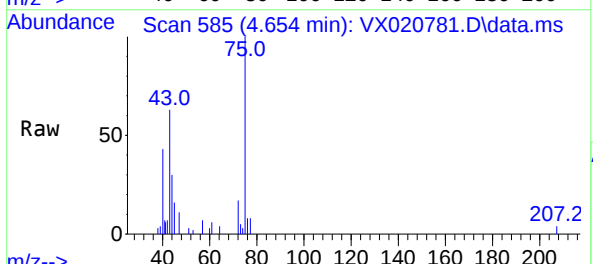
Acq: 27 Jan 2021 19:31

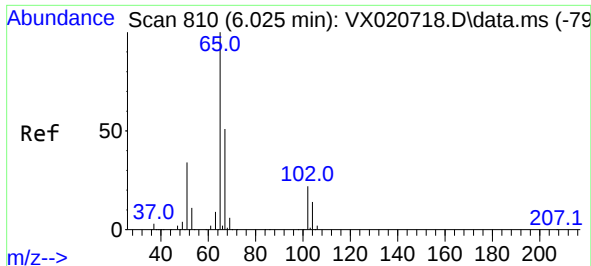
Tgt Ion: 43 Resp: 4150

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5



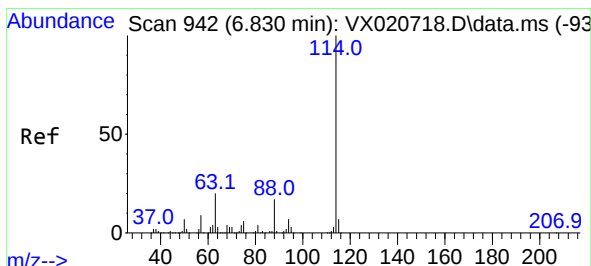
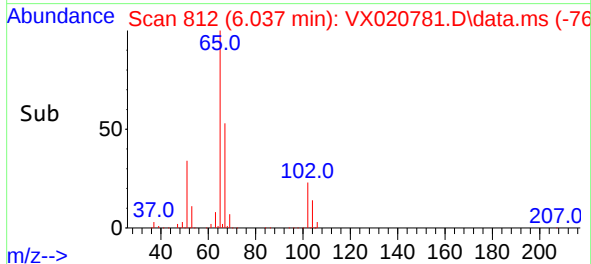
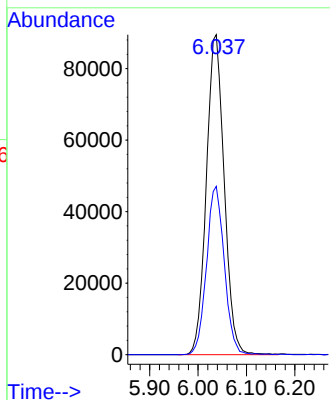
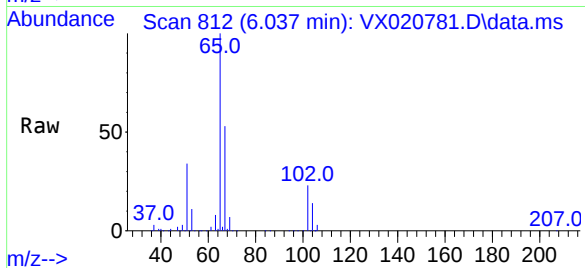


#33

1,2-Dichloroethane-d4
Concen: 44.70 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Instrument :
MSVOA_X
ClientSampled :
1710

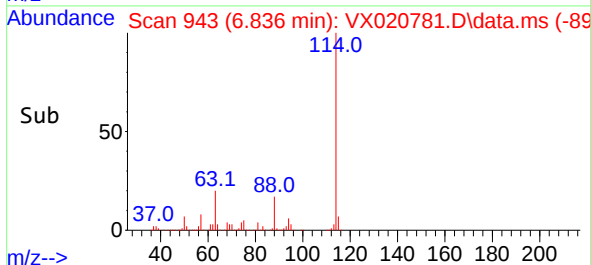
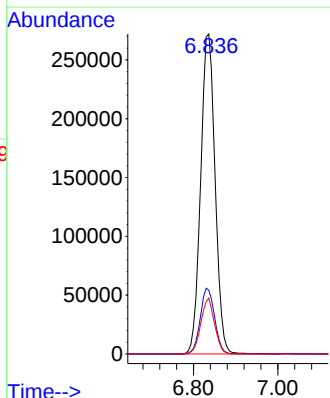
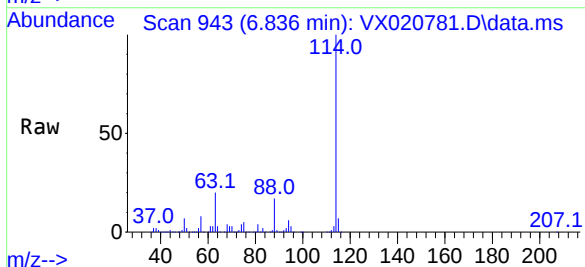
Tgt Ion: 65 Resp: 229918
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

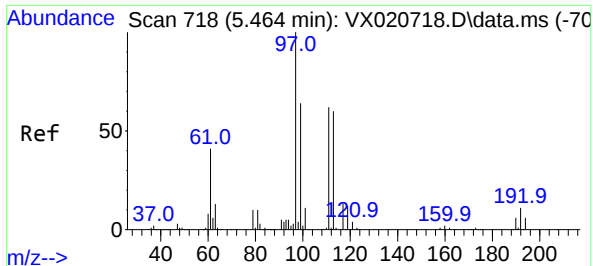


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.836 min Scan# 943
Delta R.T. 0.006 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 114 Resp: 649509
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 17.4 0.0 32.8

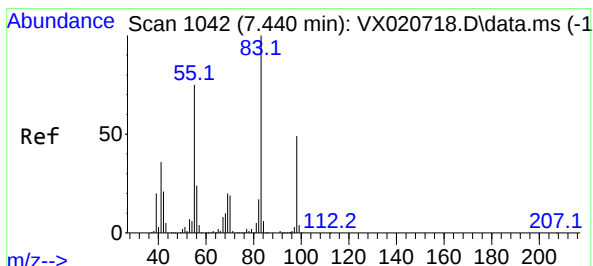
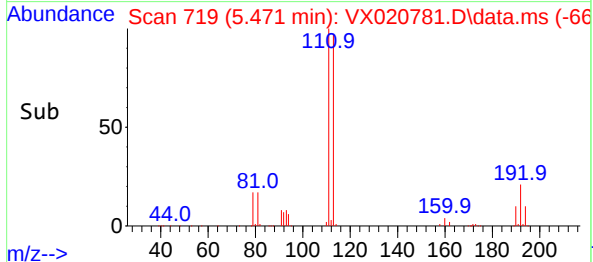
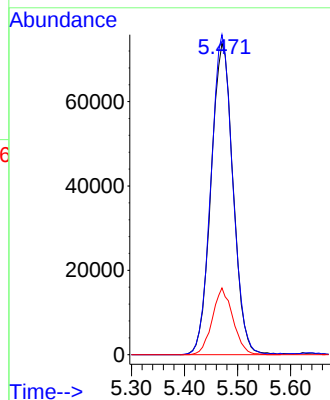
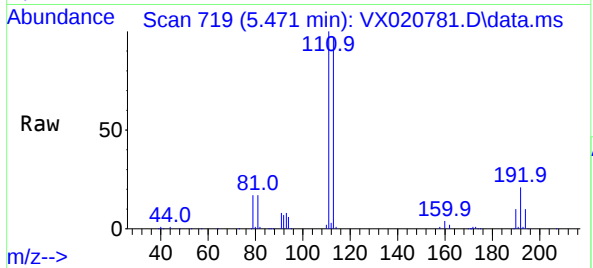




#35
Dibromofluoromethane
Concen: 47.86 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

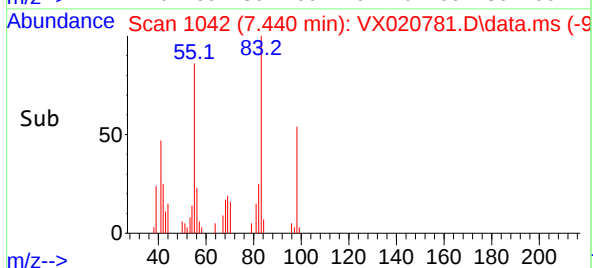
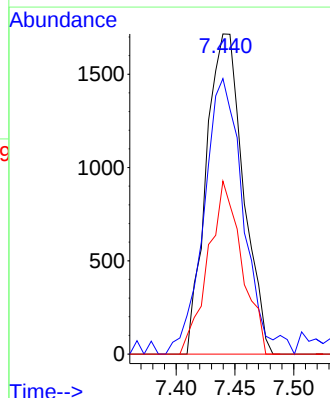
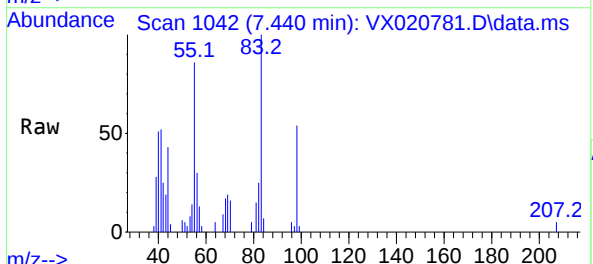
Instrument :
MSVOA_X
ClientSampleId :
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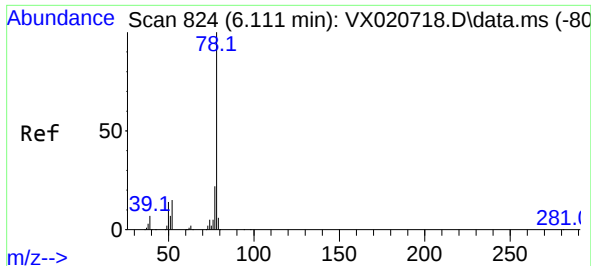
Tgt Ion:113 Resp: 212936
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 20.0 16.7 25.1



#39
Methylcyclohexane
Concen: 0.51 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 83 Resp: 3752
Ion Ratio Lower Upper
83 100
55 81.1 58.9 88.3
98 54.0 38.1 57.1

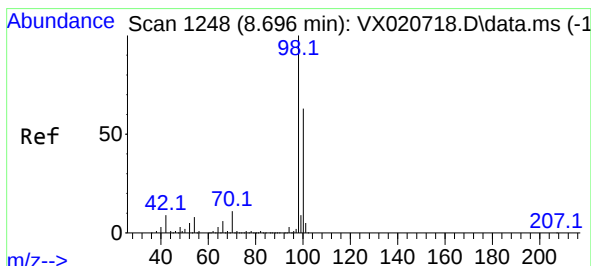
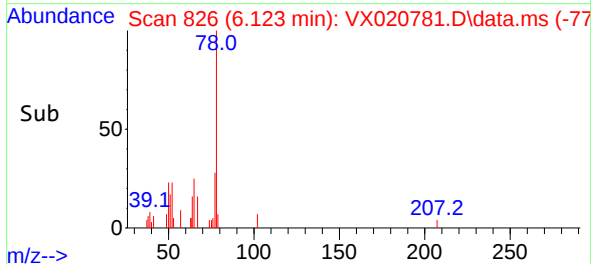
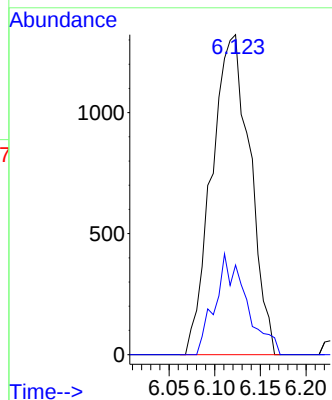
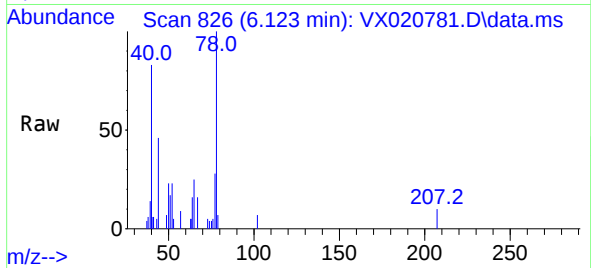




#40
Benzene
Concen: 0.20 ug/l
RT: 6.123 min Scan# 826
Delta R.T. 0.012 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

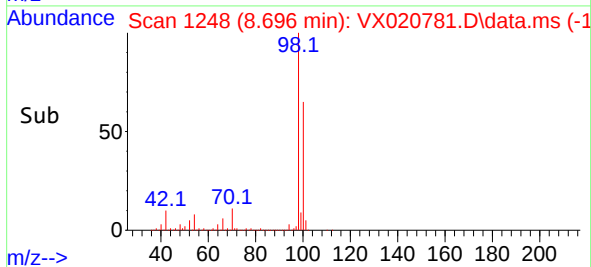
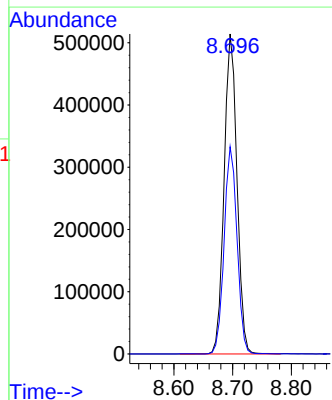
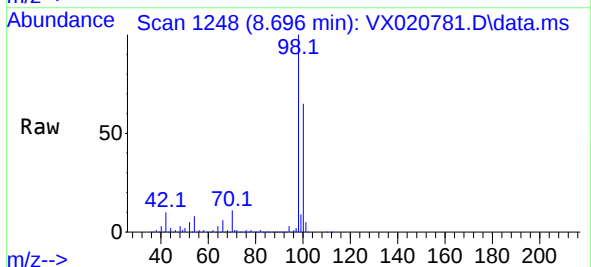
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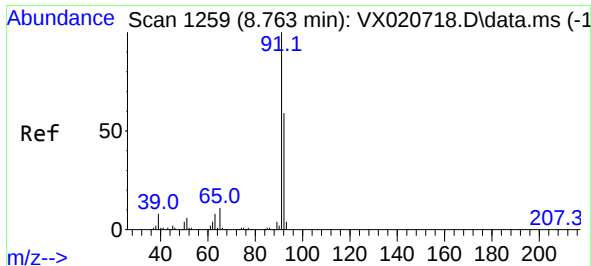
Tgt Ion: 78 Resp: 3848
Ion Ratio Lower Upper
78 100
77 28.0 18.9 28.3



#50
Toluene-d8
Concen: 47.89 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 98 Resp: 781030
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

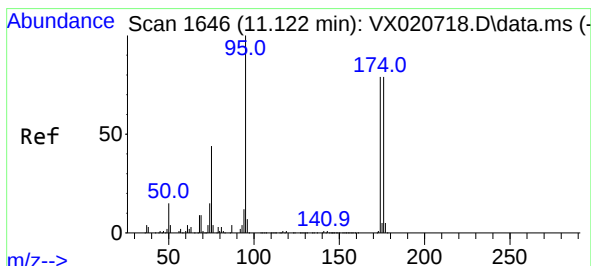
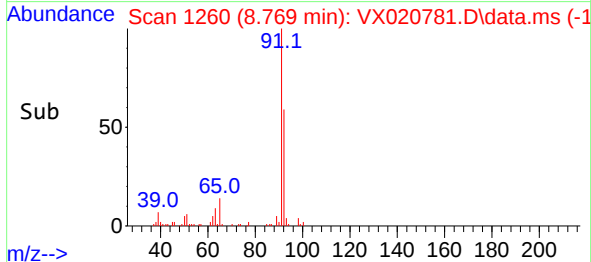
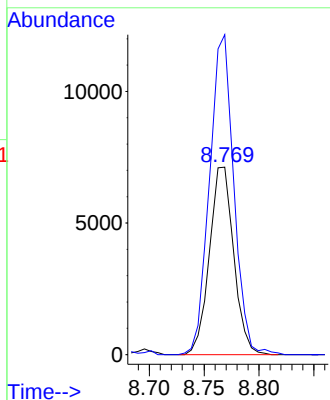
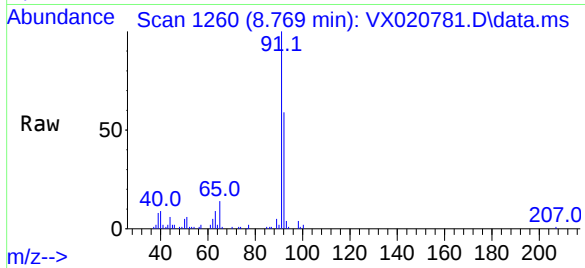




#52
Toluene
Concen: 0.91 ug/l
RT: 8.769 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

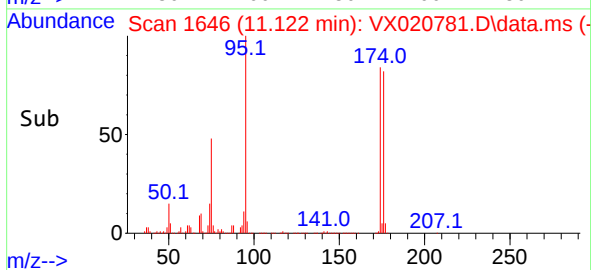
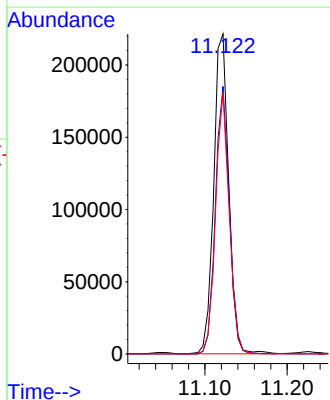
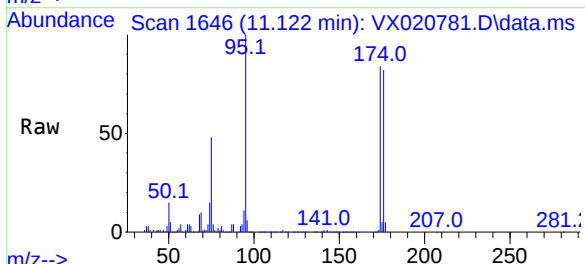
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ClientSampled :
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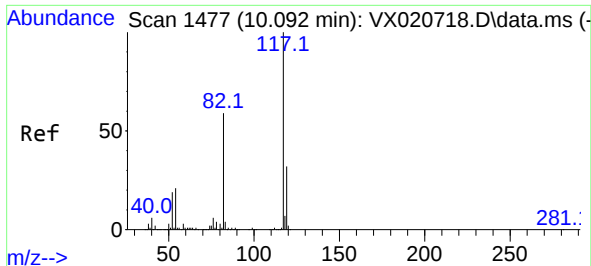
Tgt Ion: 92 Resp: 10999
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 95 Resp: 279446
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 75.1 0.0 155.8

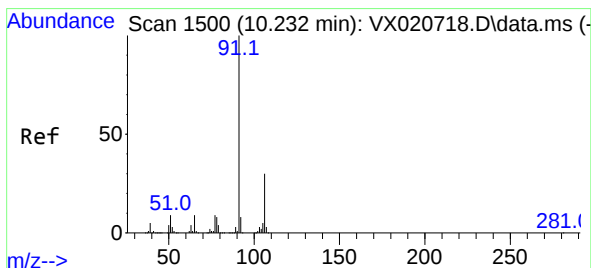
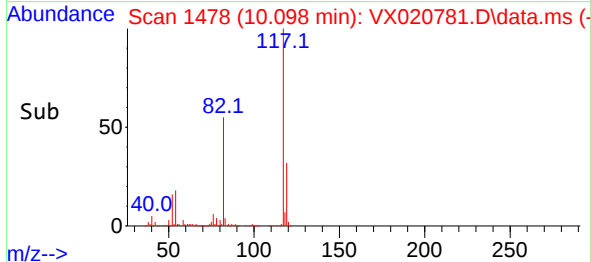
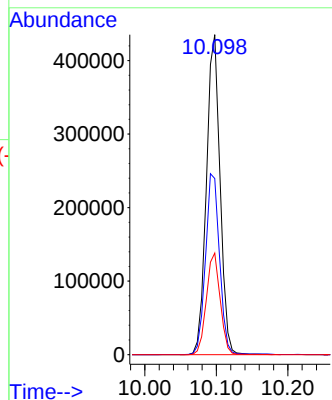
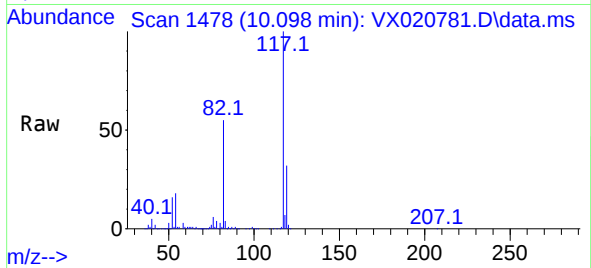




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

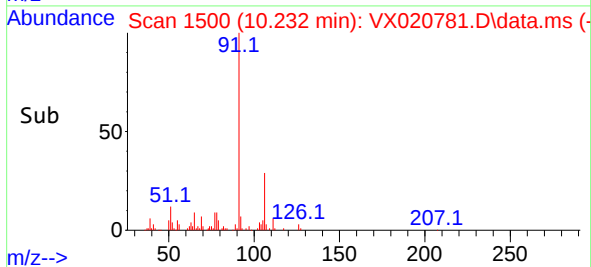
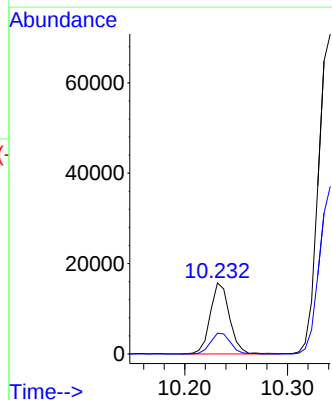
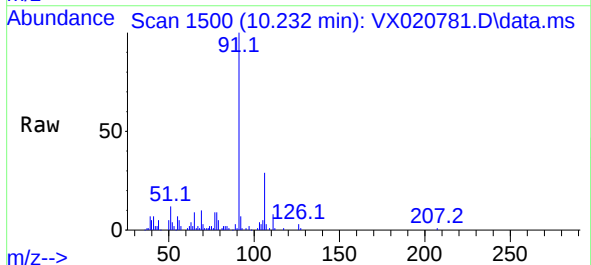
Instrument :
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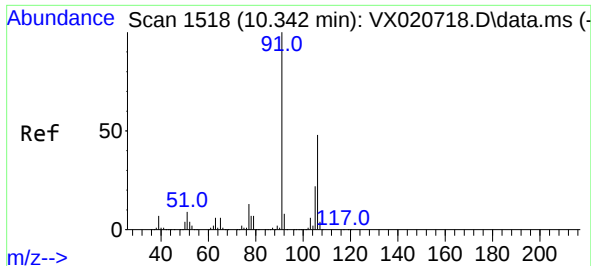
Tgt Ion:117 Resp: 577423
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.8 26.6 39.8



#67
Ethyl Benzene
Concen: 0.95 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 91 Resp: 20500
Ion Ratio Lower Upper
91 100
106 29.3 24.6 37.0

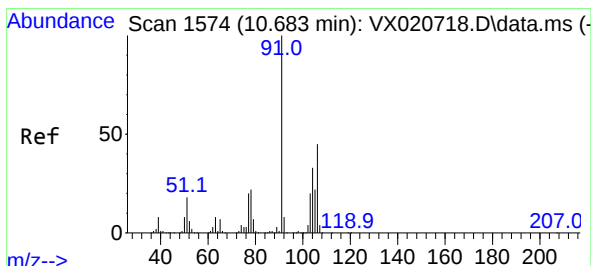
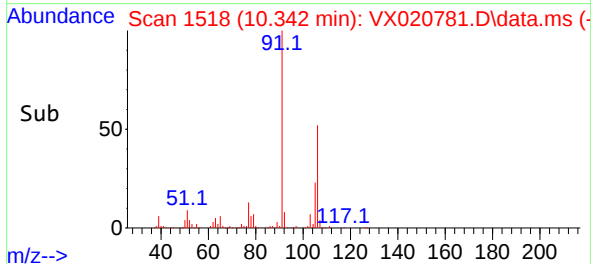
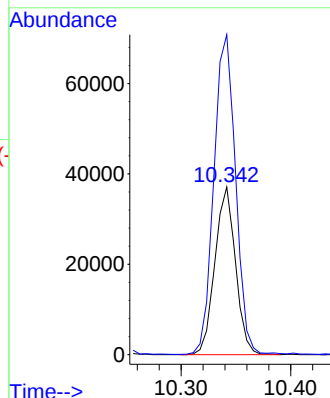
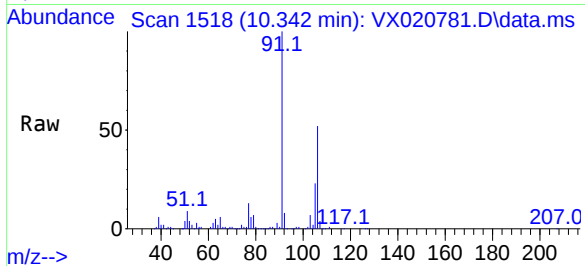




#68
m/p-Xylenes
Concen: 6.01 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

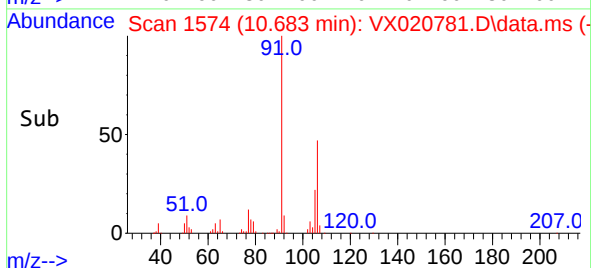
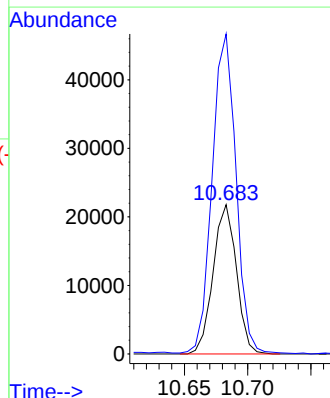
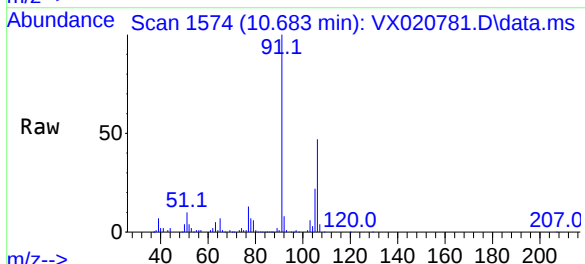
Instrument :
MSVOA_X
ClientSampleId :
1710

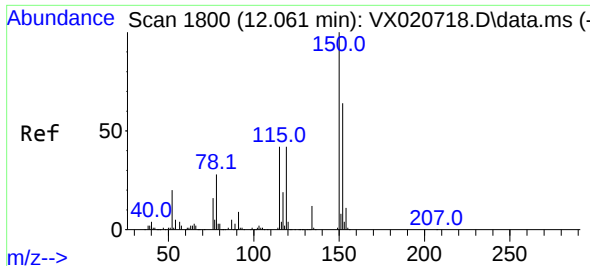
Tgt Ion:106 Resp: 48565
Ion Ratio Lower Upper
106 100
91 200.3 162.8 244.2



#69
o-Xylene
Concen: 3.67 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion:106 Resp: 27861
Ion Ratio Lower Upper
106 100
91 220.2 108.1 324.2

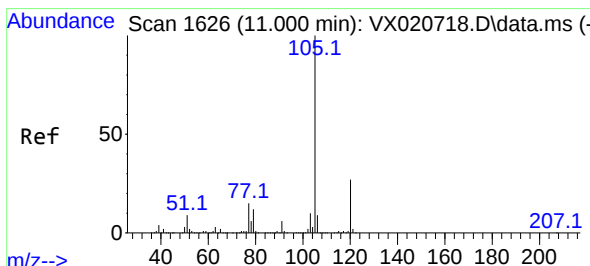
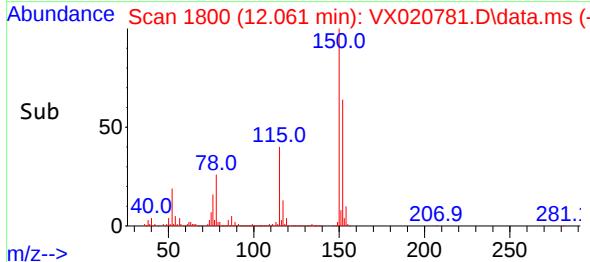
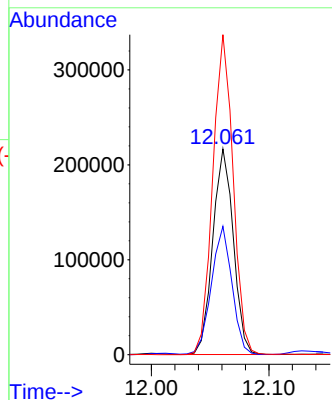
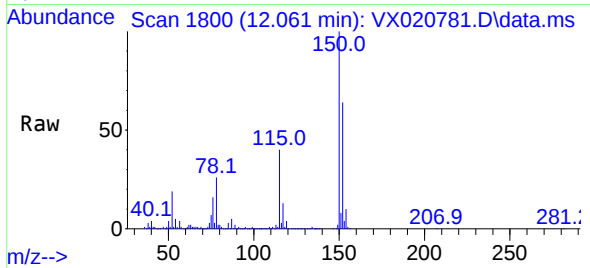




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

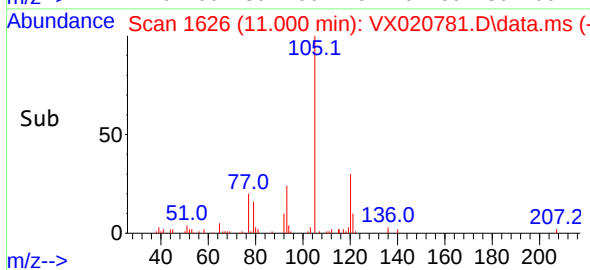
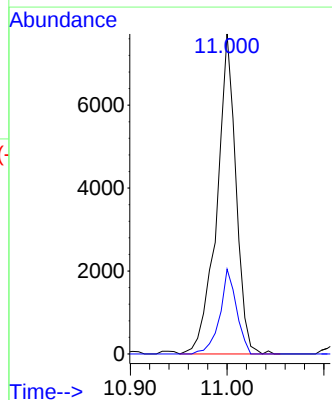
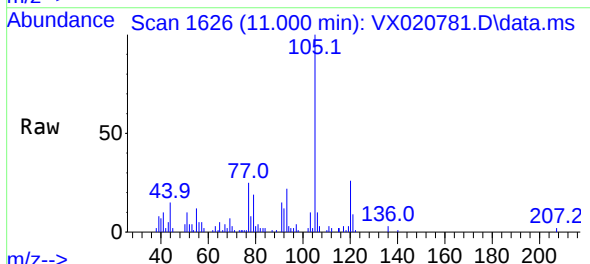
Instrument :
MSVOA_X
ClientSampleId :
1710

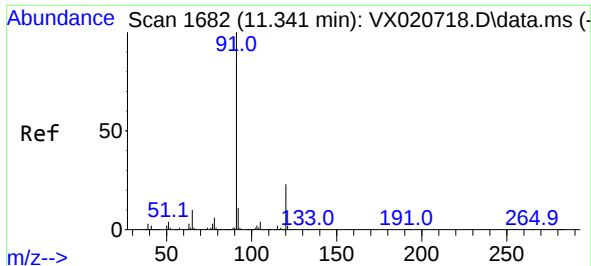
Tgt Ion:152 Resp: 263891
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 153.9 0.0 349.0



#73
Isopropylbenzene
Concen: 0.55 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion:105 Resp: 10579
Ion Ratio Lower Upper
105 100
120 23.0 13.2 39.6

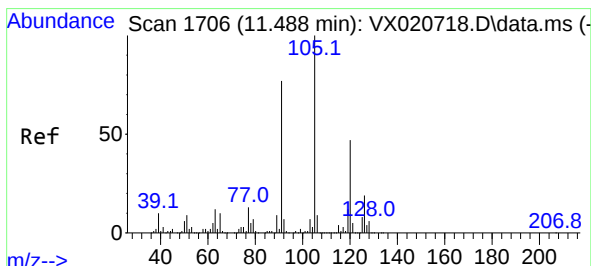
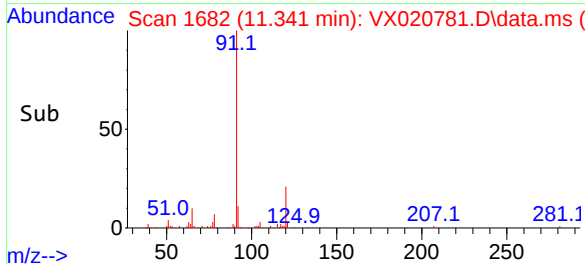
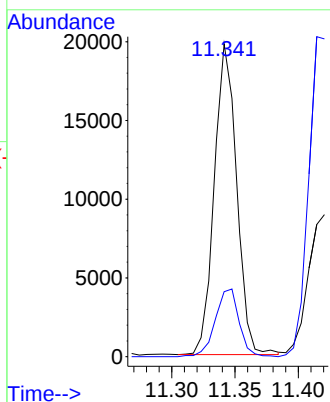
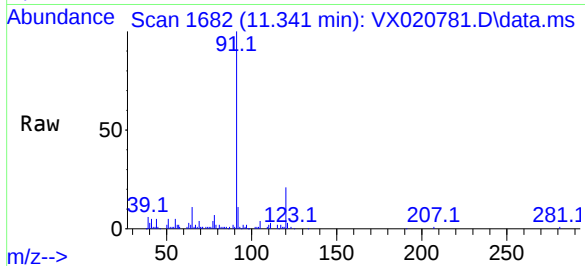




#78
n-propylbenzene
Concen: 1.10 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

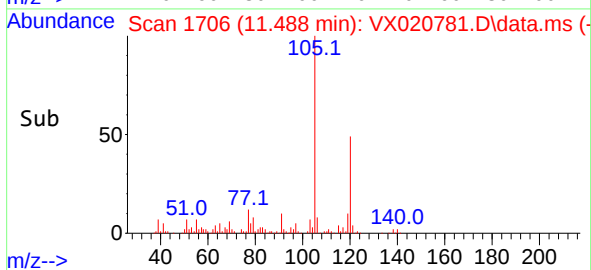
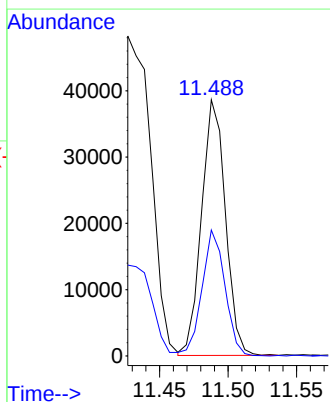
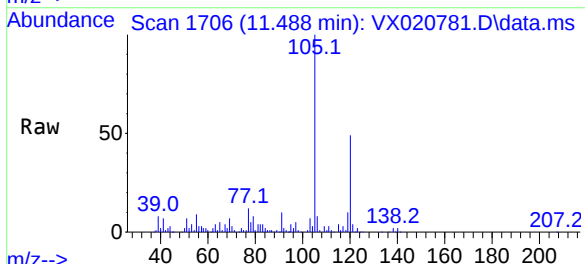
Instrument :
MSVOA_X
ClientSampled :
1710

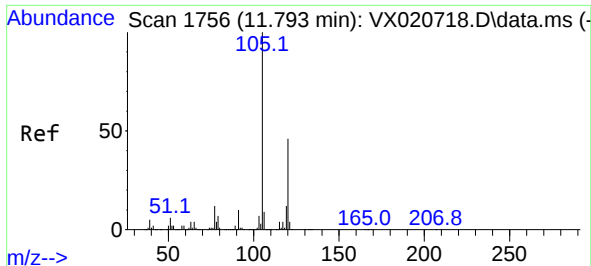
Tgt Ion: 91 Resp: 24239
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 2.87 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion: 105 Resp: 46740
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5

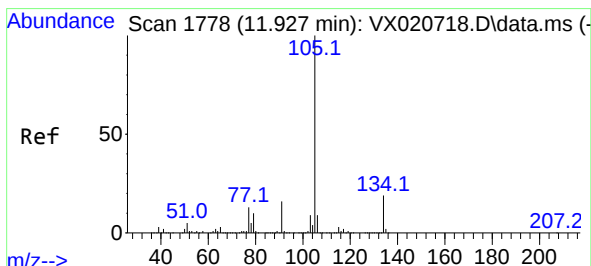
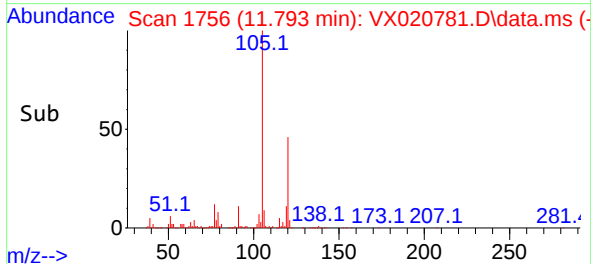
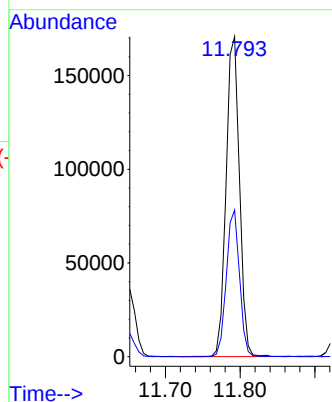
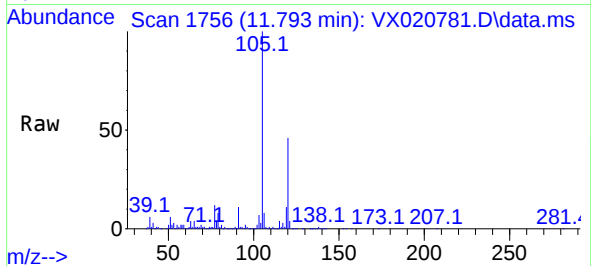




#84
1,2,4-Trimethylbenzene
Concen: 12.89 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

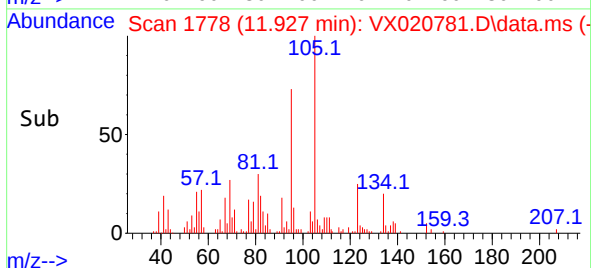
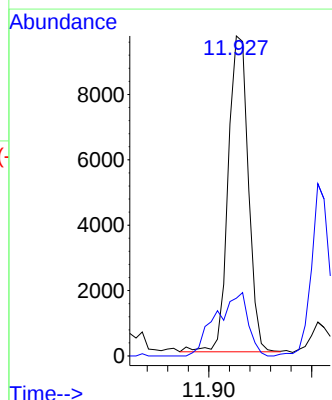
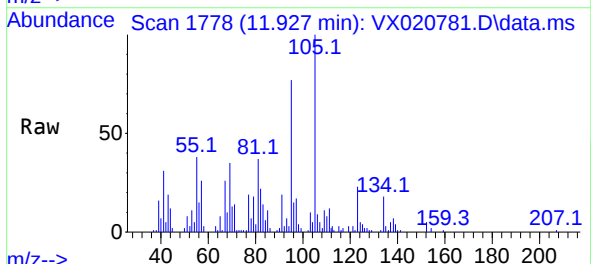
Instrument :
MSVOA_X
ClientSampled :
1710

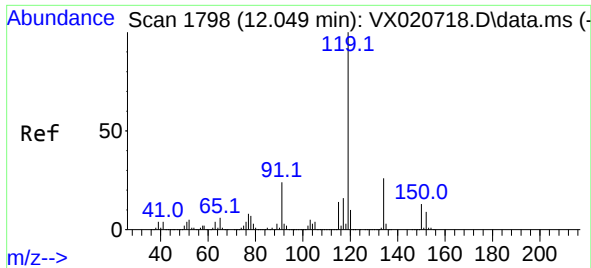
Tgt Ion:105 Resp: 211996
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.72 ug/l
RT: 11.927 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VX020781.D
Acq: 27 Jan 2021 19:31

Tgt Ion:105 Resp: 13147
Ion Ratio Lower Upper
105 100
134 32.2 10.0 29.8#





#86
 p-Isopropyltoluene
 Concen: 4.48 ug/l
 RT: 12.049 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: VX020781.D
 Acq: 27 Jan 2021 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 1710

Tgt Ion:	119	Resp:	75660
Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.9	38.7
91	25.1	11.7	35.0

