

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021391.D
 Acq On : 23 Mar 2021 17:20
 Operator : JC/MD
 Sample : M1752-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP2-41720:23-41718

Quant Time: Mar 24 01:58:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

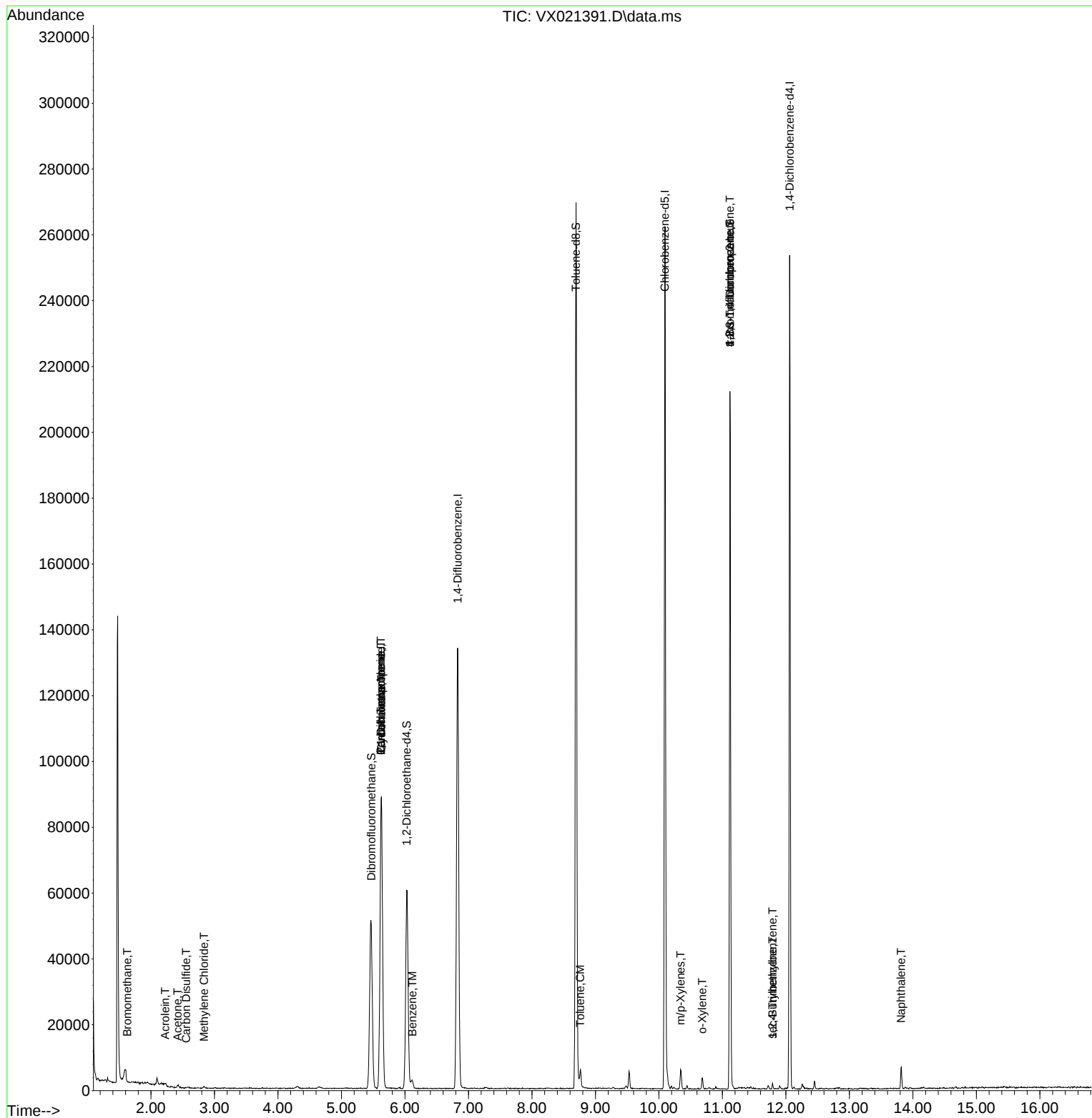
Internal Standards						
1) Pentafluorobenzene	5.623	168	76935	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	125894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59822	47.41	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.82%
35) Dibromofluoromethane	5.470	113	43166	50.39	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.78%
50) Toluene-d8	8.694	98	155377	49.99	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.98%
62) 4-Bromofluorobenzene	11.118	95	55395	45.89	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.78%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1409	Below Cal		91
5) Bromomethane	1.628	94	88	0.22	ug/l	97
13) Acrolein	2.223	56	45	3.47	ug/l #	53
16) Acetone	2.417	43	1005	2.16	ug/l #	76
17) Carbon Disulfide	2.552	76	151	0.60	ug/l #	75
20) Methylene Chloride	2.834	84	201	0.21	ug/l #	47
31) Cyclohexane	5.629	56	1992	1.31	ug/l #	24
36) 1,1-Dichloropropene	5.623	75	6978	5.50	ug/l #	49
38) Carbon Tetrachloride	5.623	117	8278	6.28	ug/l #	17
40) Benzene	6.117	78	2415	0.69	ug/l	100
52) Toluene	8.759	92	1480	0.68	ug/l	99
68) m/p-Xylenes	10.341	106	786	0.53	ug/l	93
69) o-Xylene	10.682	106	583	0.40	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	31100	29.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31100	78.82	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	689	0.23	ug/l	80
85) sec-Butylbenzene	11.789	105	689	0.21	ug/l #	57
95) Naphthalene	13.812	128	3937	1.20	ug/l	99

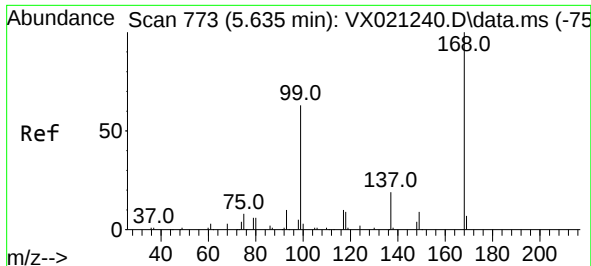
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 01:58:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

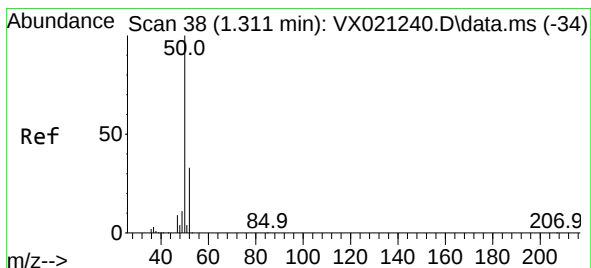
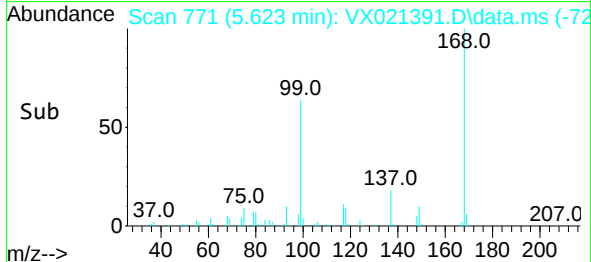
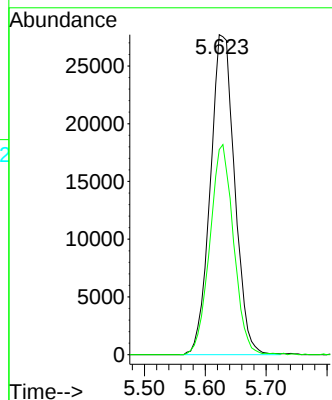
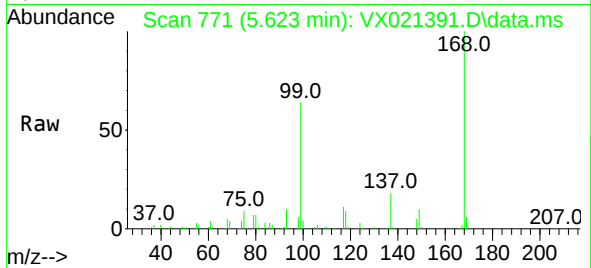




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

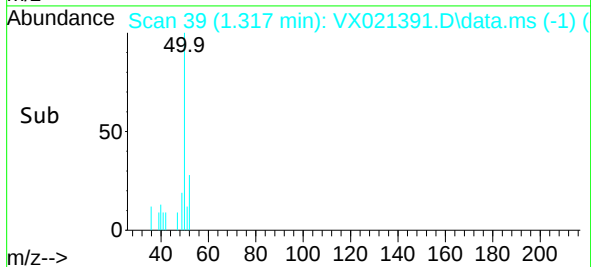
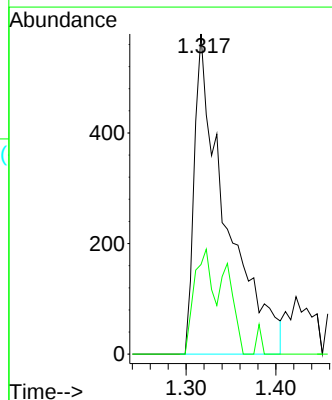
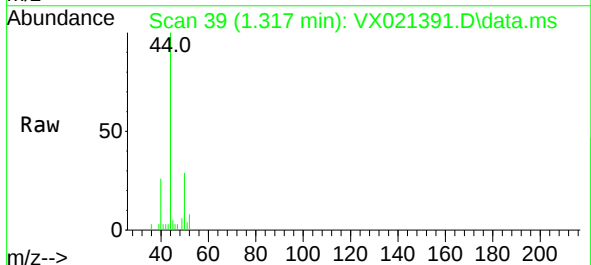
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

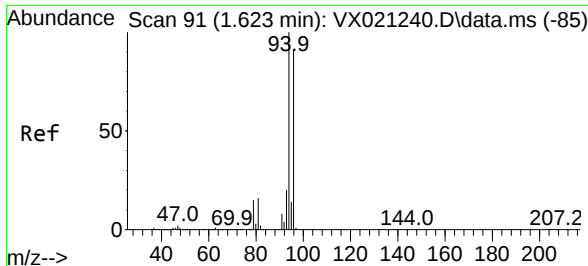
Tgt Ion:168 Resp: 76935
Ion Ratio Lower Upper
168 100
99 64.1 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion: 50 Resp: 1409
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

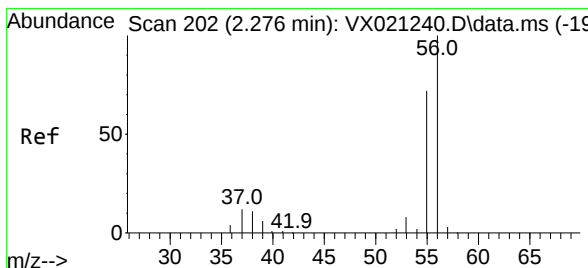
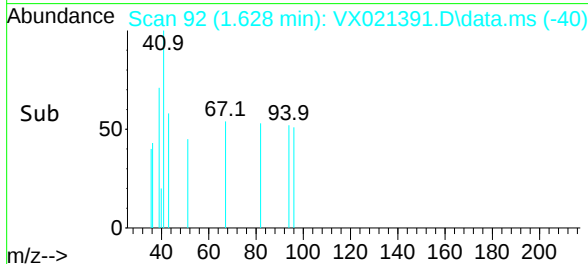
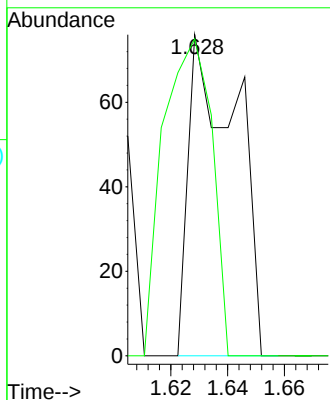
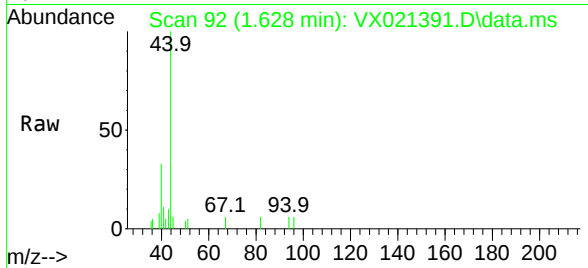




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

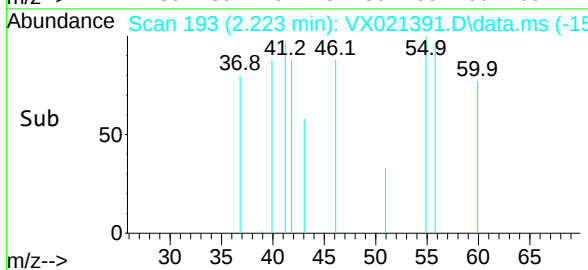
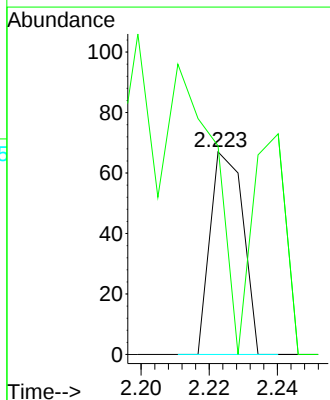
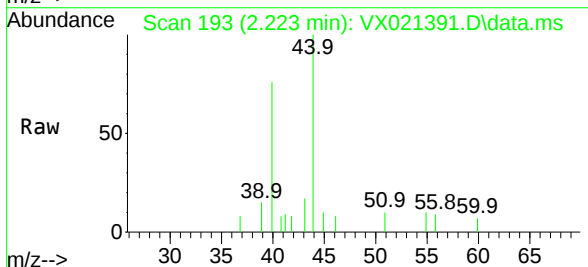
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 98.7 76.4 114.6



#13
Acrolein
Concen: 3.47 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 108.9 56.4 84.6#

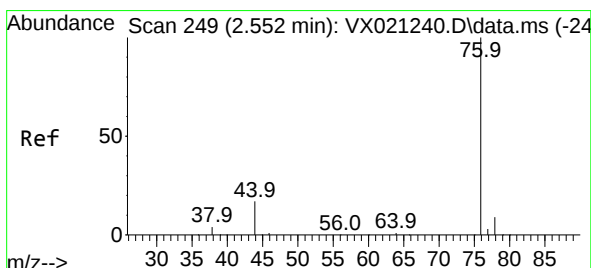
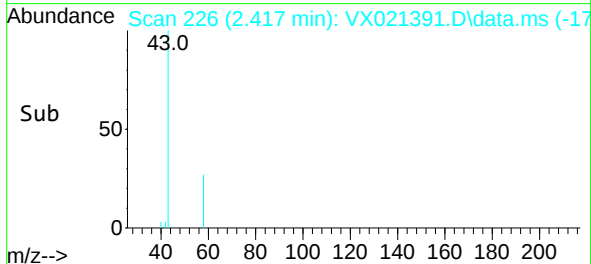
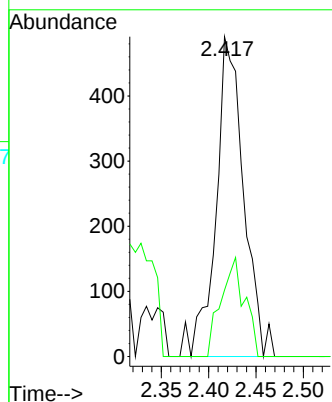
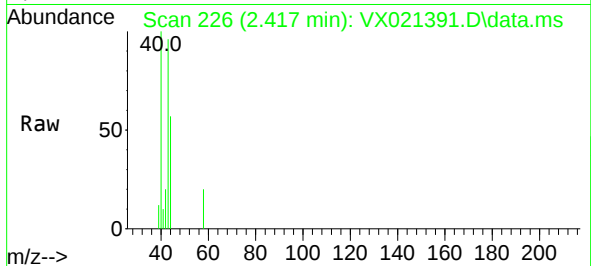




#16
Acetone
Concen: 2.16 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

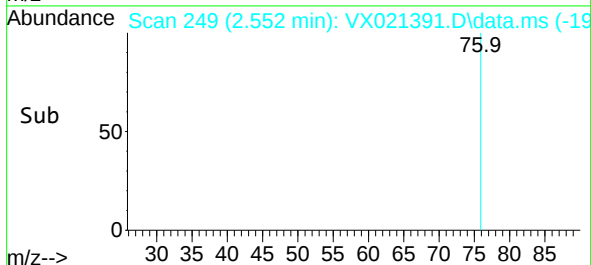
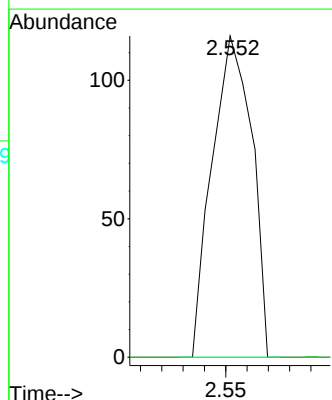
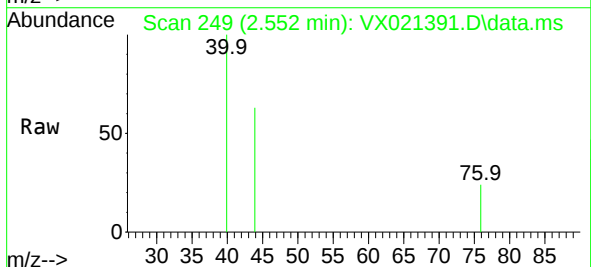
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

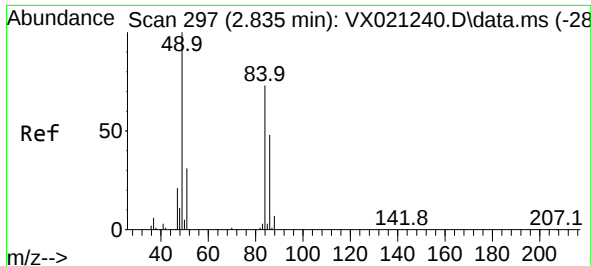
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 20.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

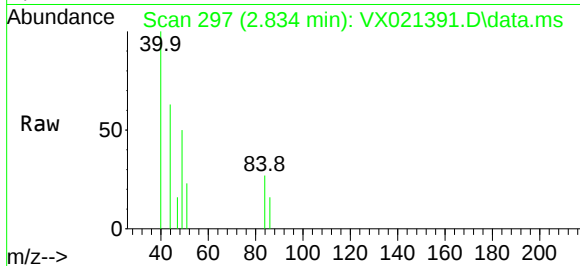
Tgt Ion: 76 Resp: 151
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



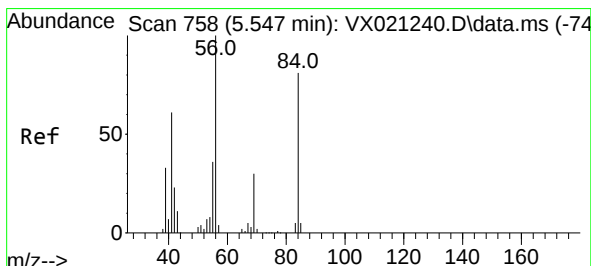
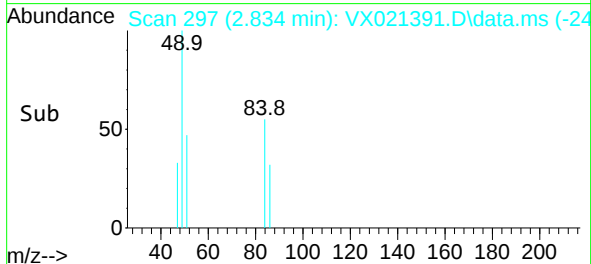
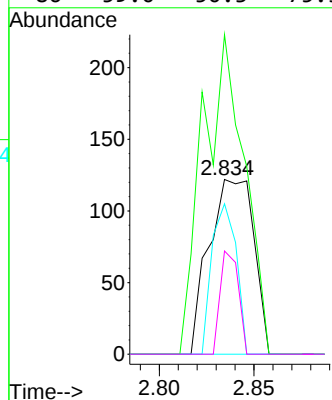


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

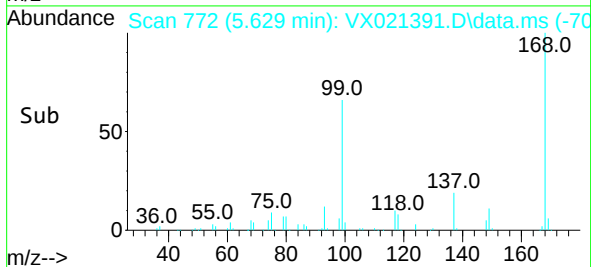
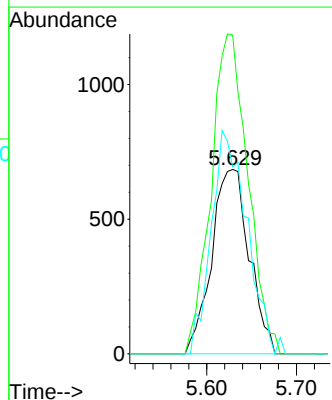
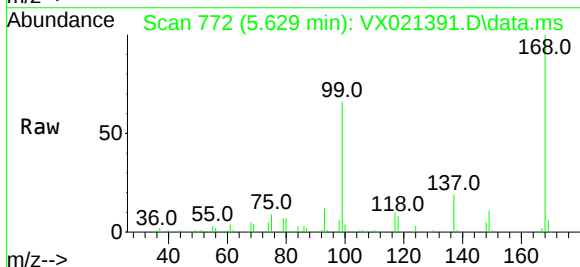


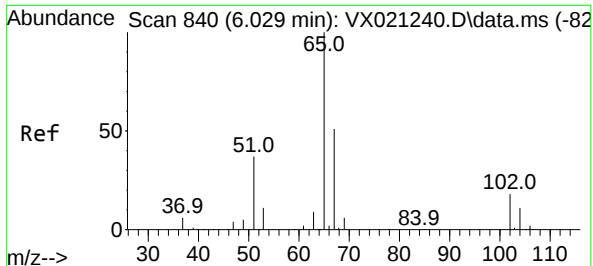
Tgt Ion:	84	Resp:	201
Ion	Ratio	Lower	Upper
84	100		
49	182.8	88.6	132.8#
51	86.1	27.0	40.6#
86	59.0	50.3	75.5



#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion:	56	Resp:	1992
Ion	Ratio	Lower	Upper
56	100		
69	172.8	25.3	37.9#
84	101.3	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 47.41 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021391.D

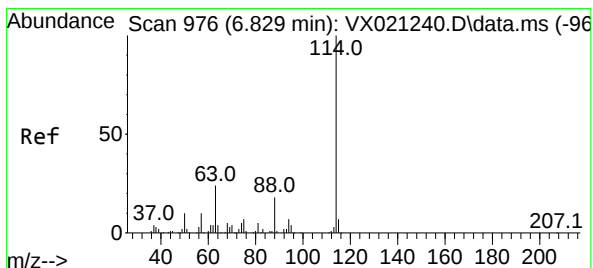
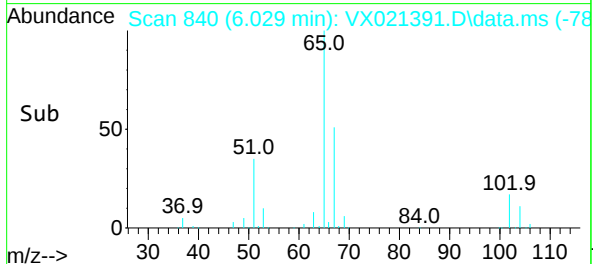
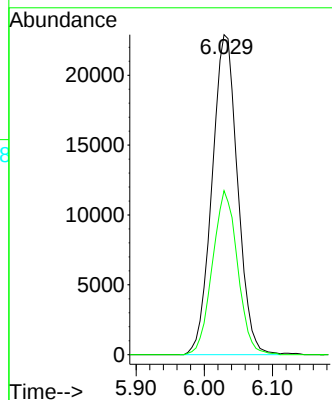
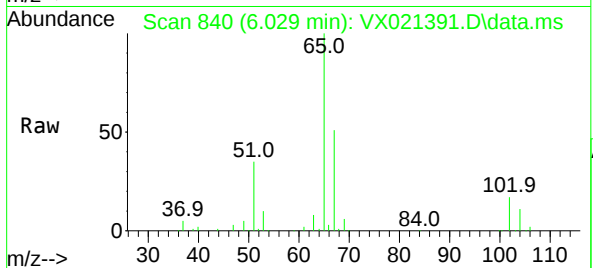
Acq: 23 Mar 2021 17:20

Tgt Ion: 65 Resp: 59822

Ion Ratio Lower Upper

65 100

67 50.4 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: VX021391.D

Acq: 23 Mar 2021 17:20

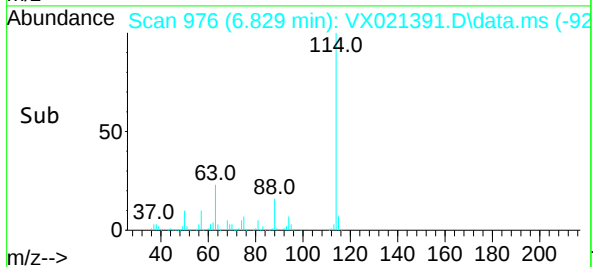
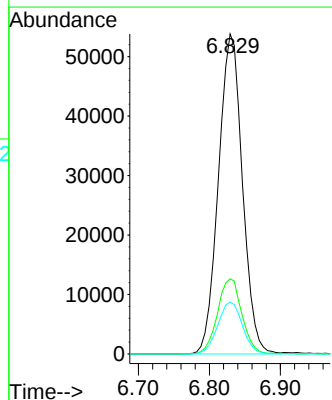
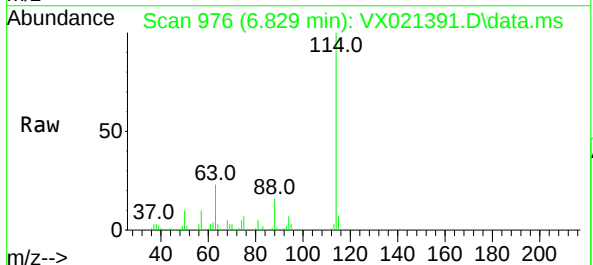
Tgt Ion: 114 Resp: 125894

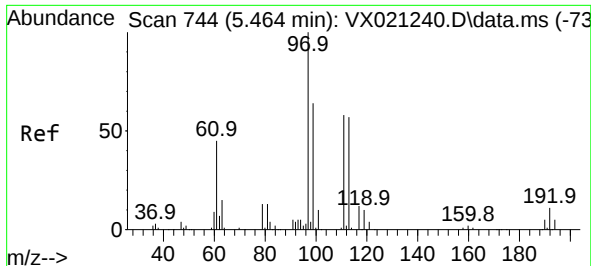
Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.8

88 16.2 0.0 32.8

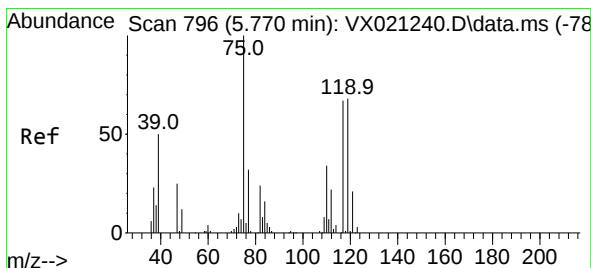
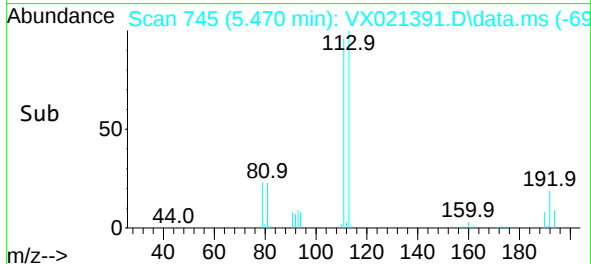
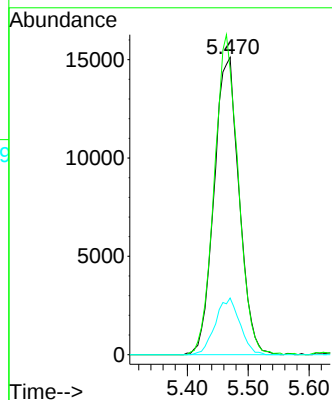
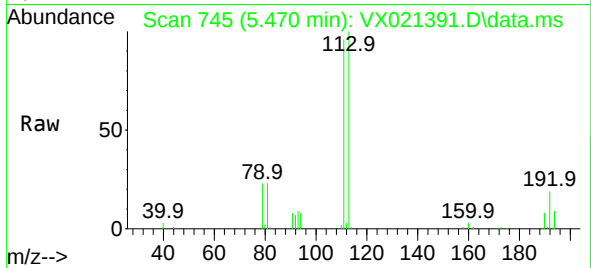




#35
Dibromofluoromethane
Concen: 50.39 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

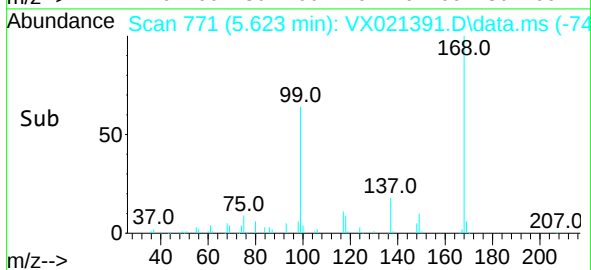
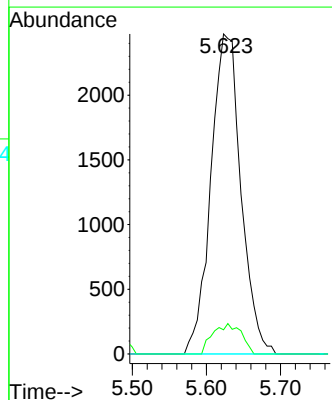
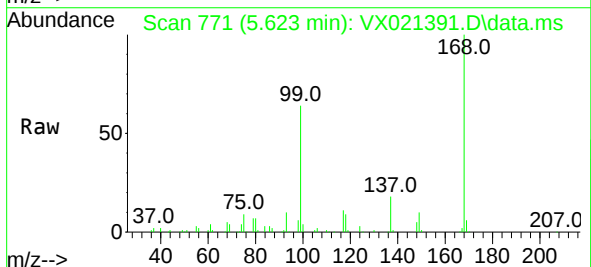
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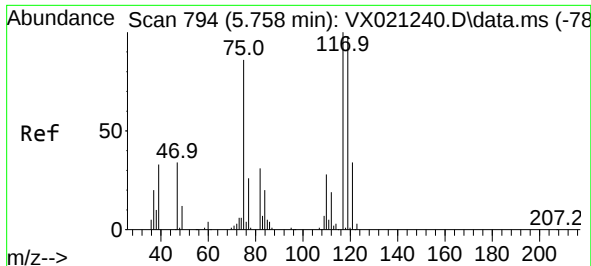
Tgt Ion:113 Resp: 43166
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

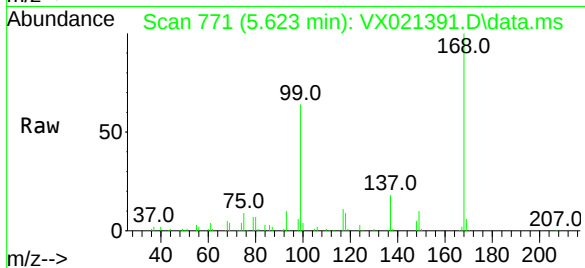
Tgt Ion: 75 Resp: 6978
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



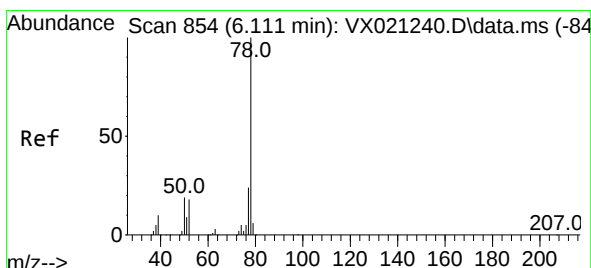
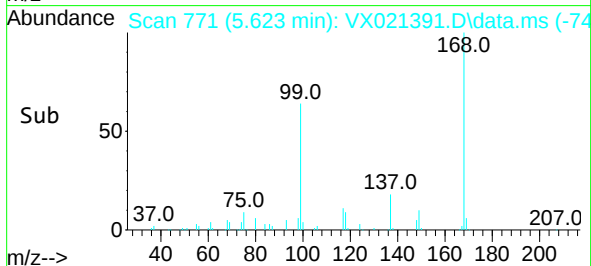
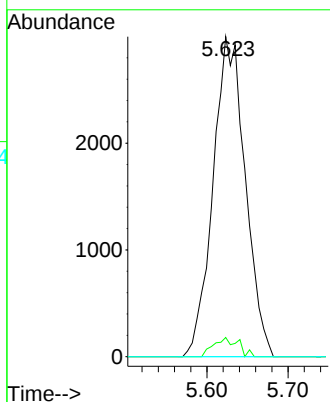


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

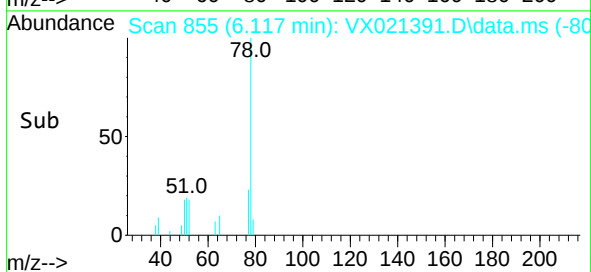
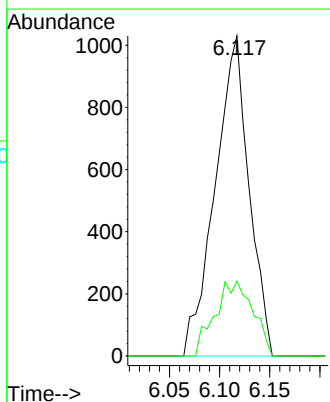
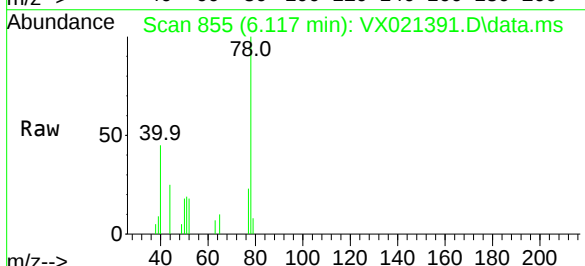


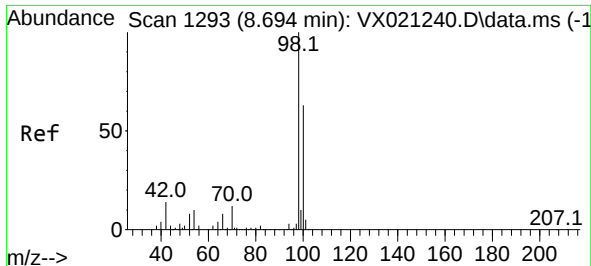
Tgt Ion:117 Resp: 8278
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 0.69 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion: 78 Resp: 2415
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

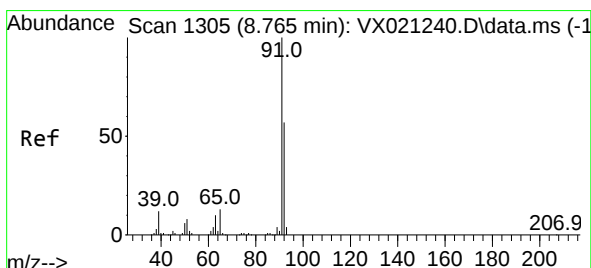
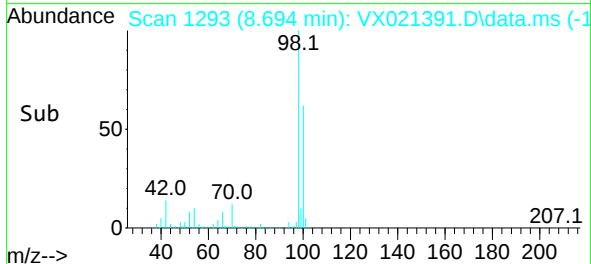
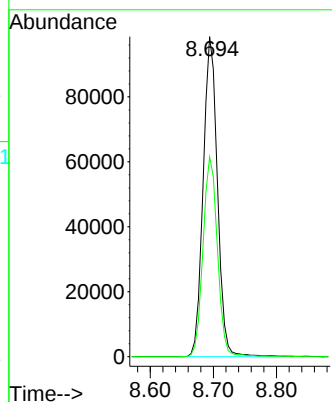
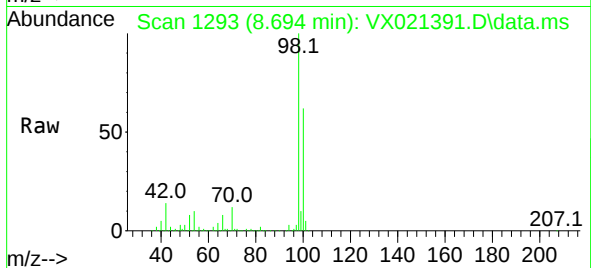




#50
Toluene-d8
Concen: 49.99 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

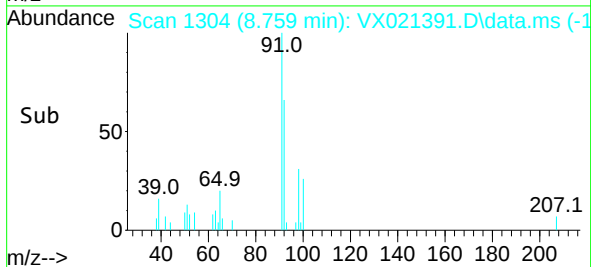
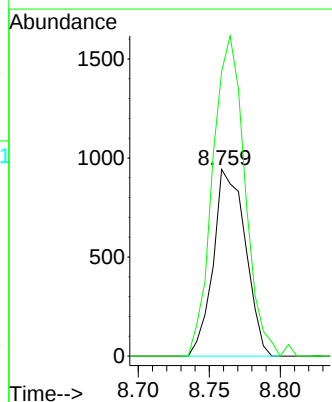
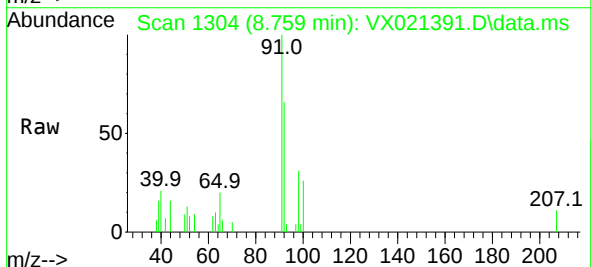
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

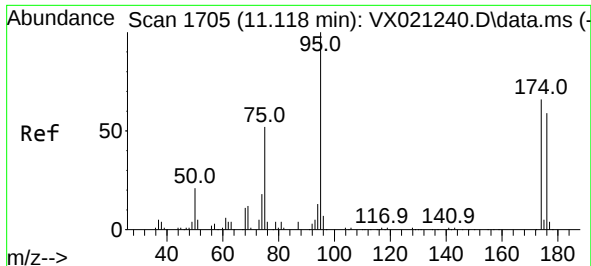
Tgt Ion: 98 Resp: 155377
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#52
Toluene
Concen: 0.68 ug/l
RT: 8.759 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion: 92 Resp: 1480
Ion Ratio Lower Upper
92 100
91 173.3 137.1 205.7

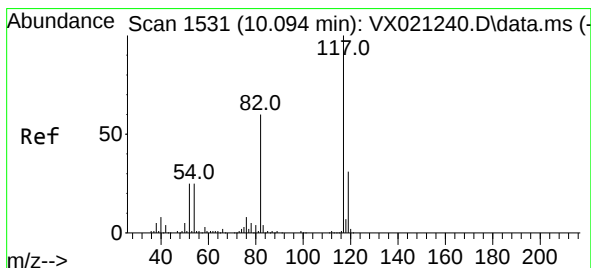
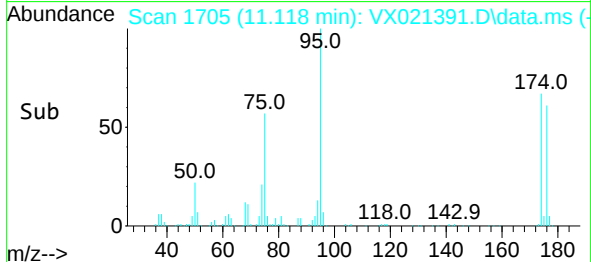
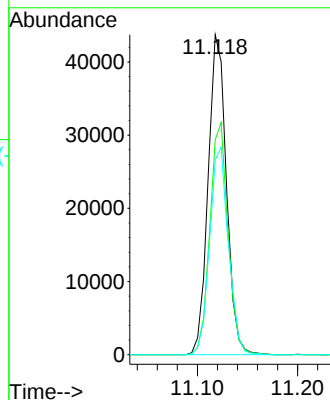
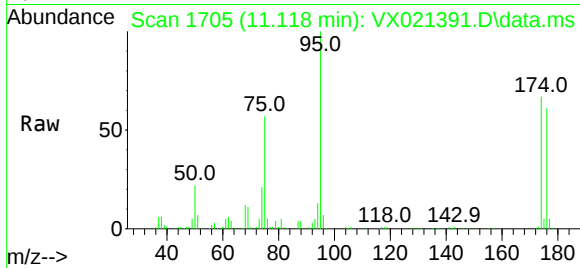




#62
4-Bromofluorobenzene
Concen: 45.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

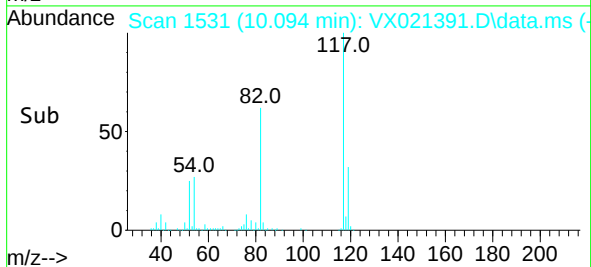
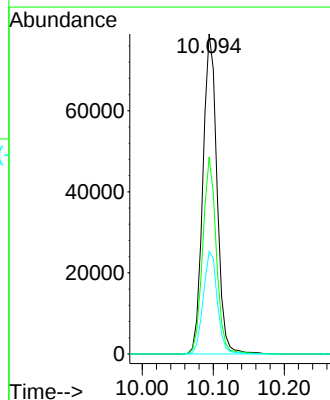
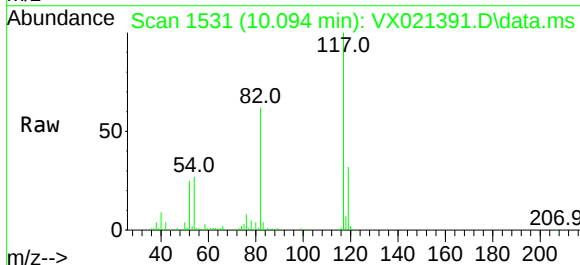
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

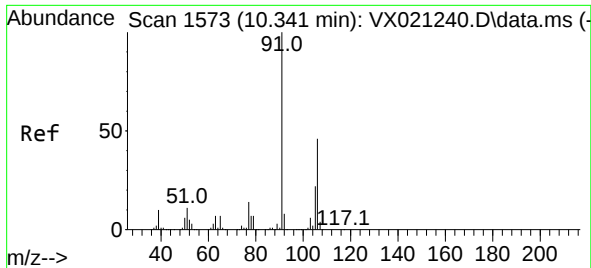
Tgt Ion:	95	Resp:	55395
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	154.6
176	66.6	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion:	117	Resp:	109281
Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.4	71.2
119	32.0	26.6	39.8

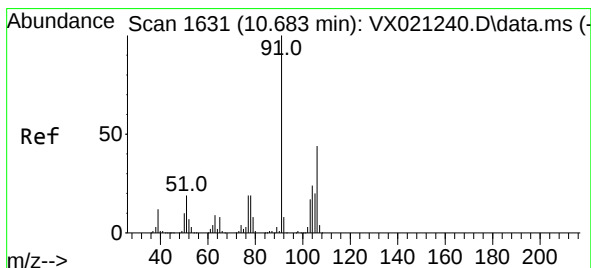
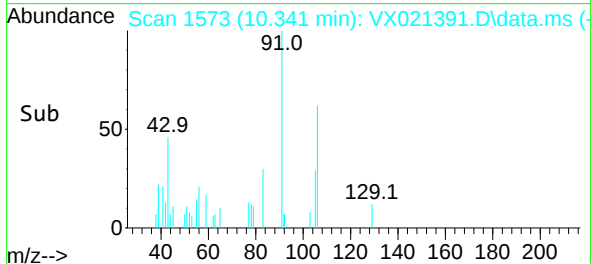
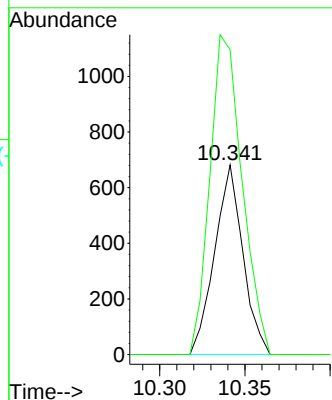
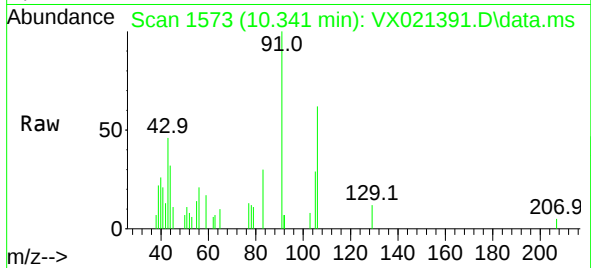




#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

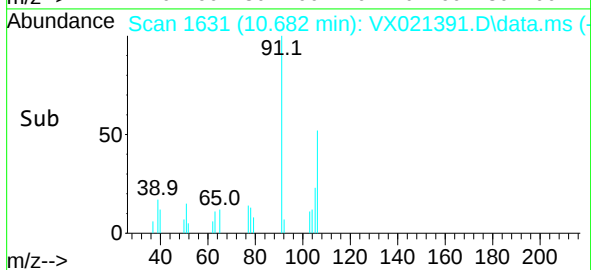
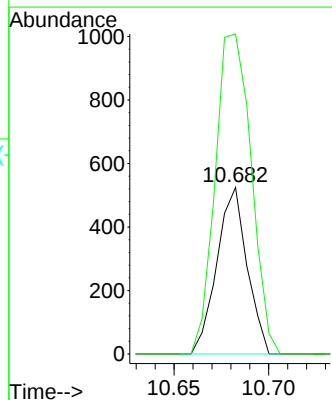
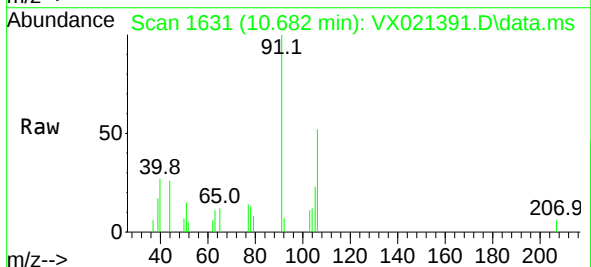
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

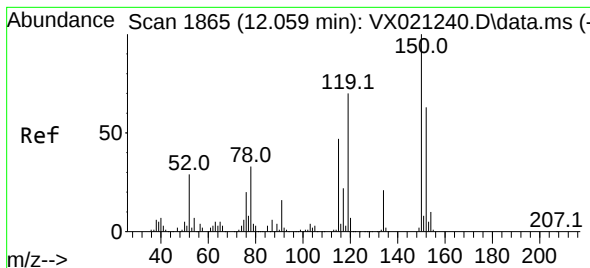
Tgt Ion:106 Resp: 786
Ion Ratio Lower Upper
106 100
91 192.5 162.8 244.2



#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

Tgt Ion:106 Resp: 583
Ion Ratio Lower Upper
106 100
91 228.8 108.1 324.2

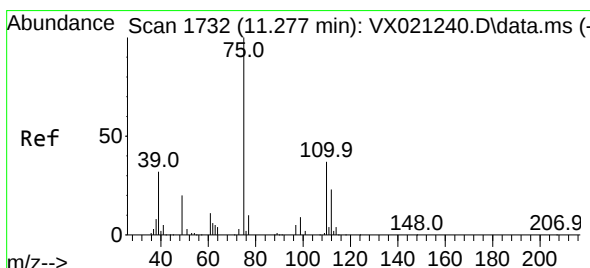
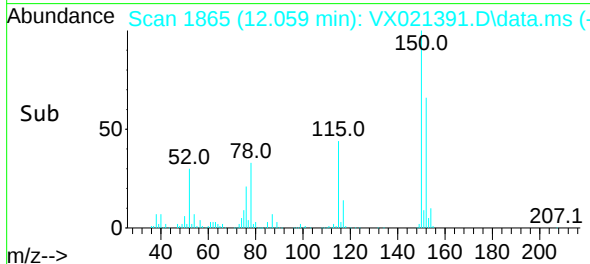
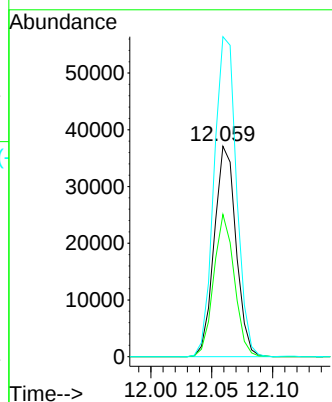
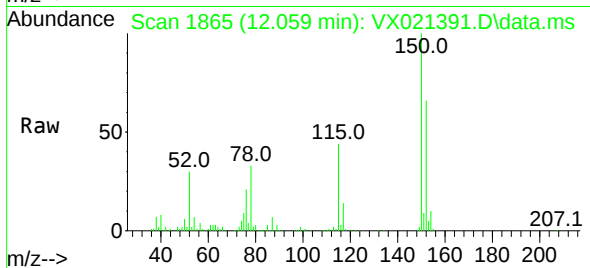




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

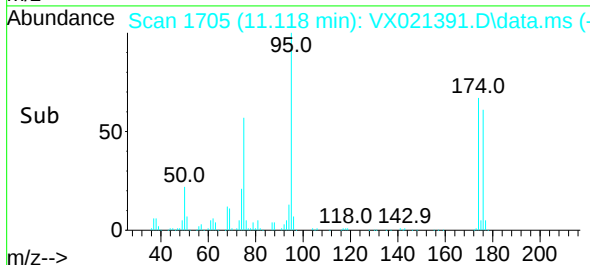
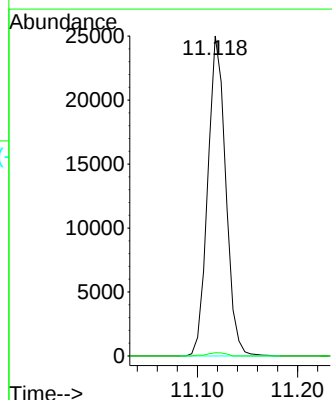
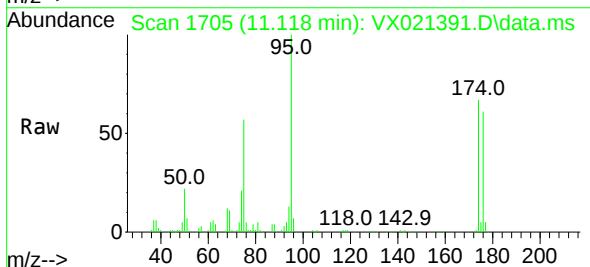
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718

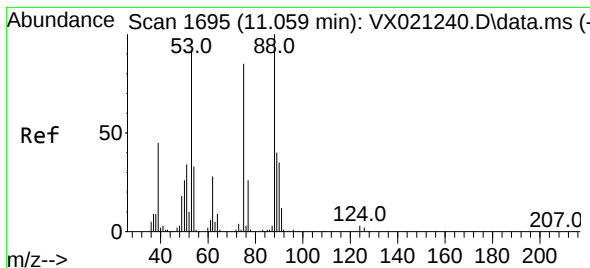
Tgt Ion:152 Resp: 46181
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

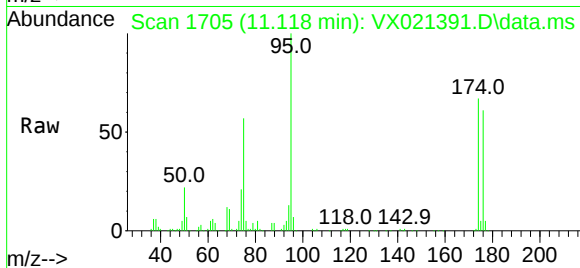
Tgt Ion: 75 Resp: 31100
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



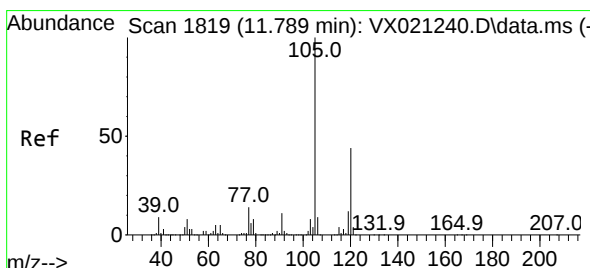
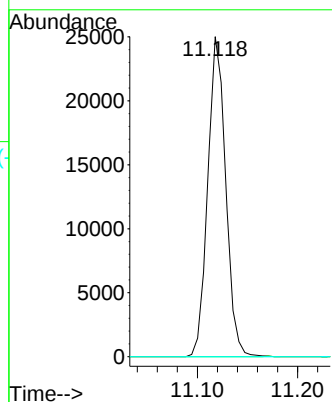
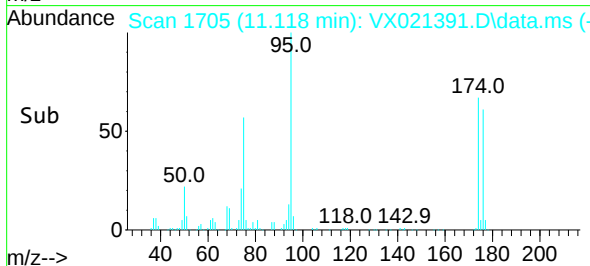


#81
trans-1,4-Dichloro-2-butene
Concen: 78.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20

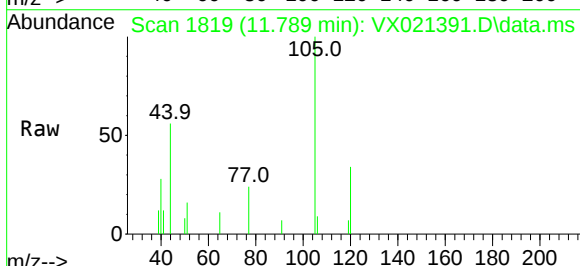
Instrument :
MSVOA_X
ClientSampleId :
COMP2-41720:23-41718



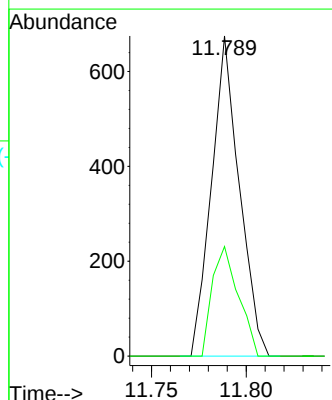
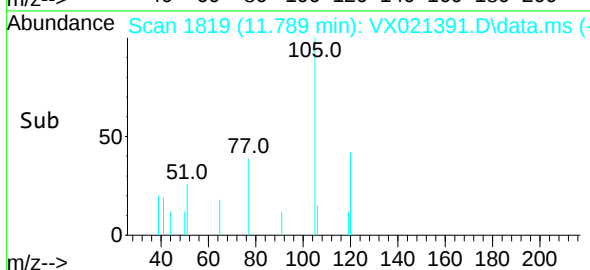
Tgt Ion: 75 Resp: 31100
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

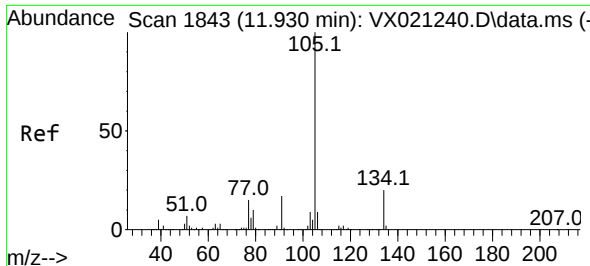


#84
1,2,4-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021391.D
Acq: 23 Mar 2021 17:20



Tgt Ion: 105 Resp: 689
Ion Ratio Lower Upper
105 100
120 32.1 22.4 67.3

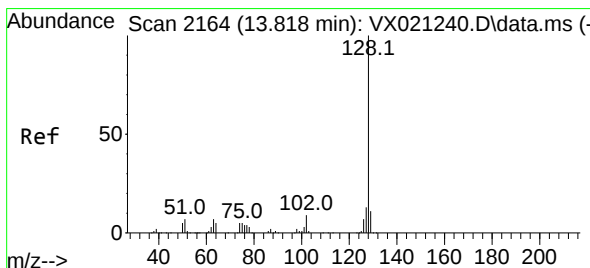
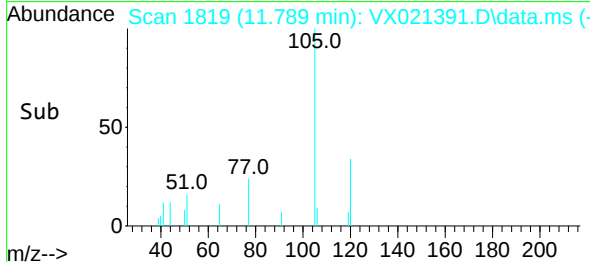
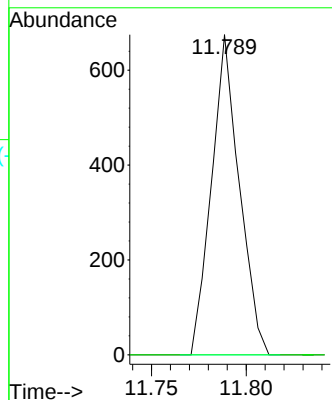
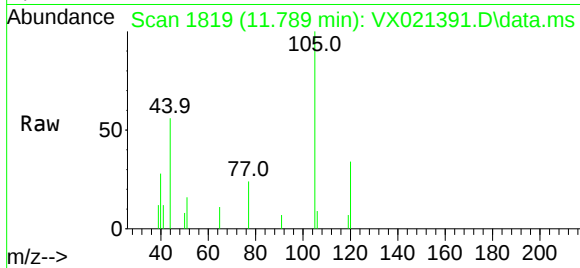




#85
 sec-Butylbenzene
 Concen: 0.21 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.141 min
 Lab File: VX021391.D
 Acq: 23 Mar 2021 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP2-41720:23-41718

Tgt Ion:105 Resp: 689
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#95
 Naphthalene
 Concen: 1.20 ug/l
 RT: 13.812 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: VX021391.D
 Acq: 23 Mar 2021 17:20

Tgt Ion:128 Resp: 3937
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 10.9 8.8 13.2

