

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021390.D
 Acq On : 23 Mar 2021 16:56
 Operator : JC/MD
 Sample : M1752-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP1-41711-41714:17

Quant Time: Mar 24 01:57:58 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	5.629	168	77821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	130000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46665	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	62318	48.82	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.64%
35) Dibromofluoromethane	5.470	113	43826	49.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.08%
50) Toluene-d8	8.694	98	154445	48.12	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.24%
62) 4-Bromofluorobenzene	11.118	95	56574	45.39	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.78%

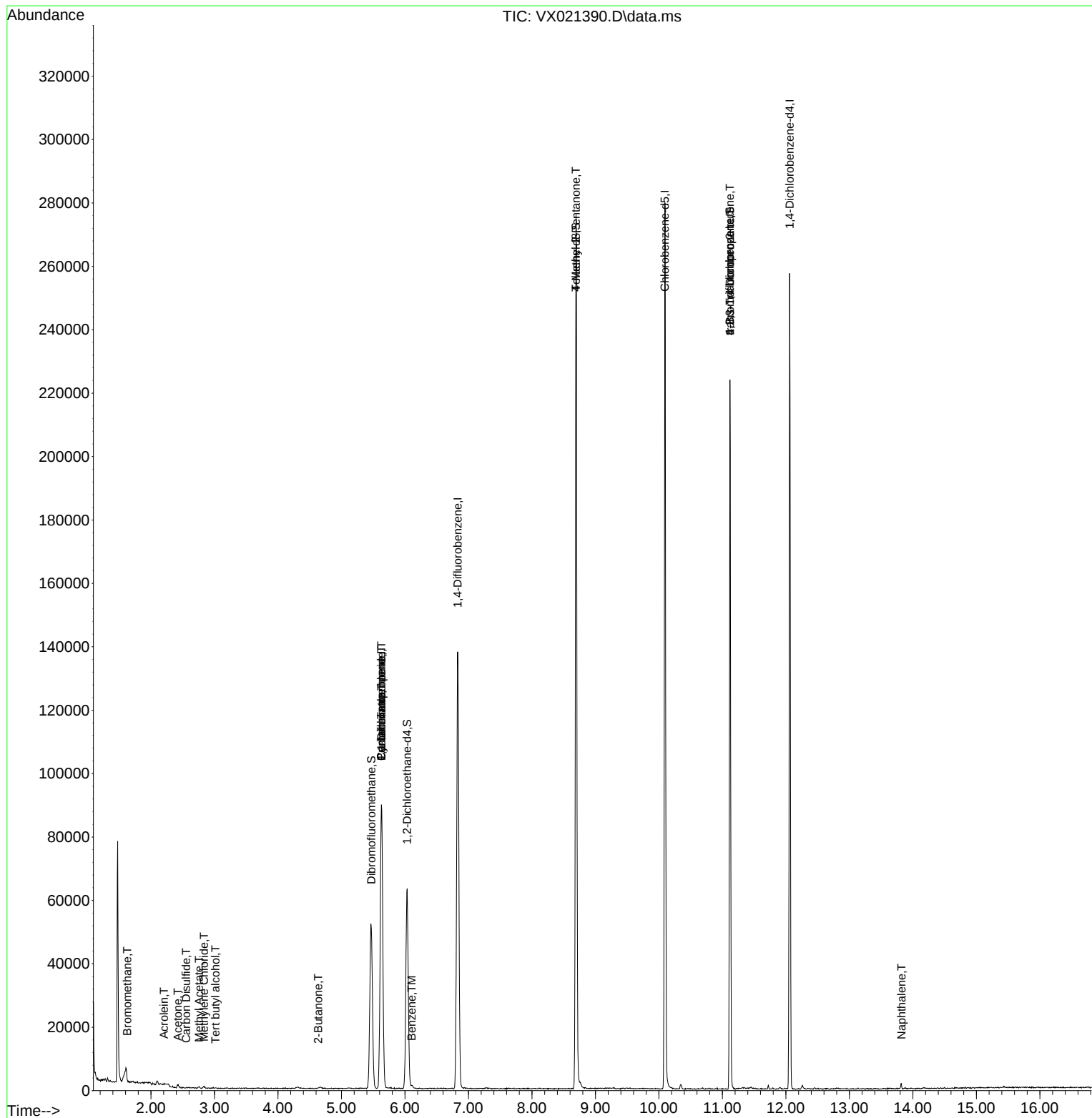
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.317	50	1030	Below Cal		91
5) Bromomethane	1.628	94	128	0.31	ug/l	94
11) Tert butyl alcohol	3.017	59	120	0.56	ug/l #	73
13) Acrolein	2.205	56	20	3.28	ug/l #	52
16) Acetone	2.423	43	959	2.04	ug/l	100
17) Carbon Disulfide	2.552	76	106	0.58	ug/l #	75
18) Methyl Acetate	2.758	43	582	0.45	ug/l #	54
20) Methylene Chloride	2.834	84	198	0.20	ug/l #	79
25) 2-Butanone	4.635	43	192	0.27	ug/l #	45
31) Cyclohexane	5.629	56	2142	1.39	ug/l #	6
36) 1,1-Dichloropropene	5.629	75	7210	5.50	ug/l #	49
38) Carbon Tetrachloride	5.629	117	9097	6.69	ug/l #	17
40) Benzene	6.105	78	738	0.20	ug/l #	73
51) 4-Methyl-2-Pentanone	8.694	43	983	0.68	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	31750	29.33	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	31750	79.63	ug/l #	12
95) Naphthalene	13.818	128	1059	0.32	ug/l #	95

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

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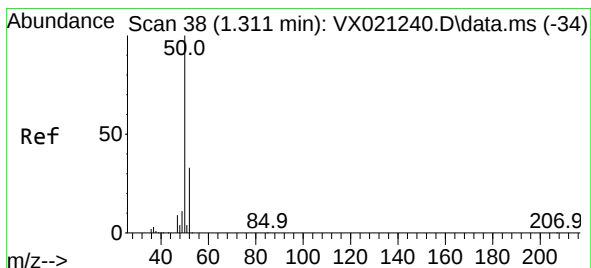
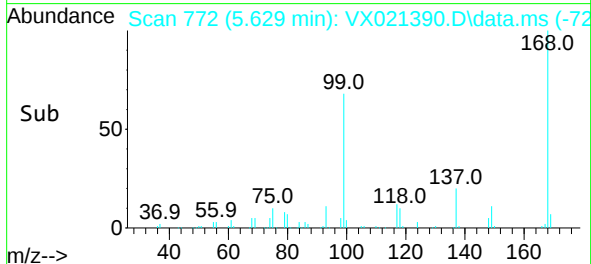
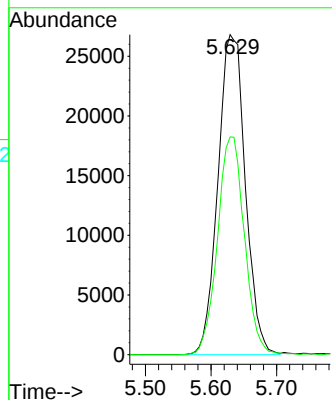
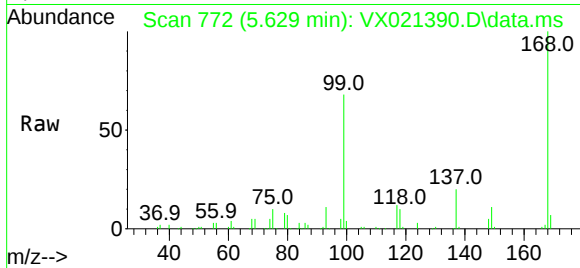




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

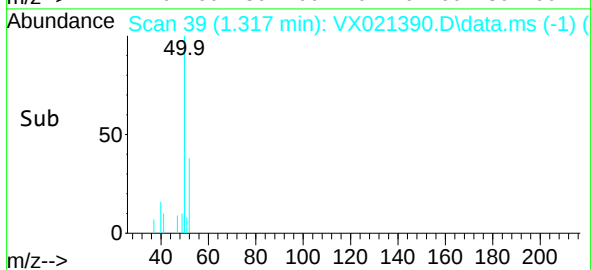
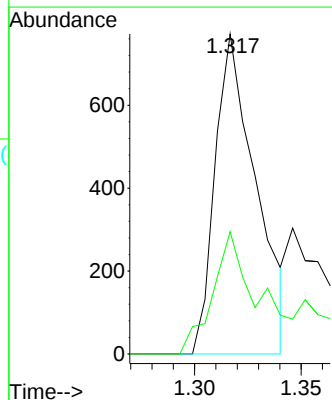
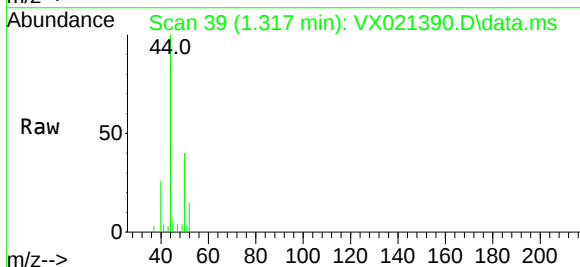
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

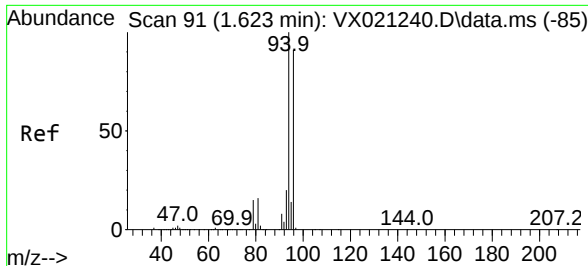
Tgt Ion:168 Resp: 77821
Ion Ratio Lower Upper
168 100
99 68.0 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 38.2 26.4 39.6

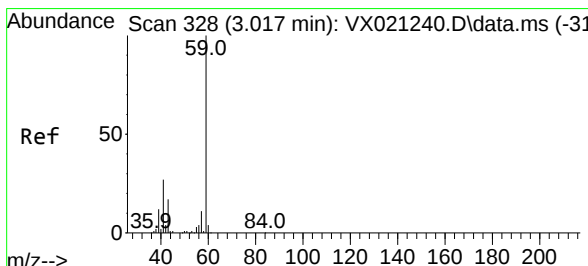
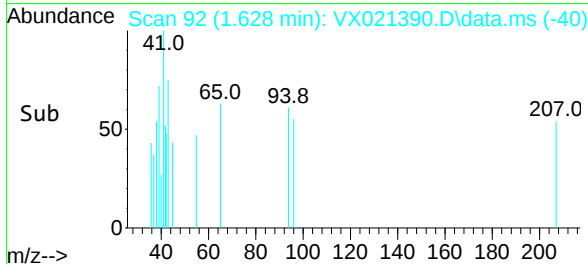
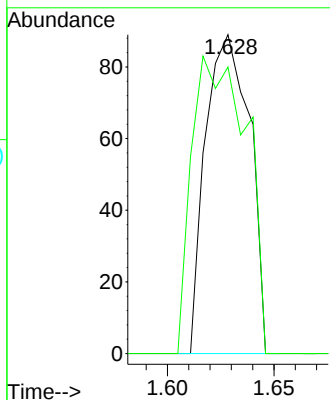
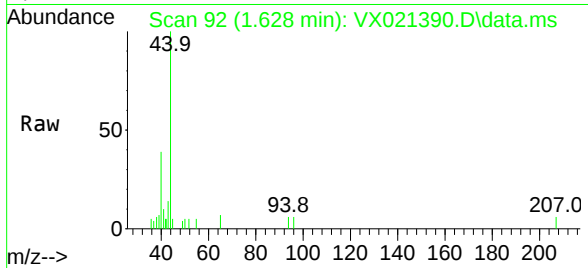




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

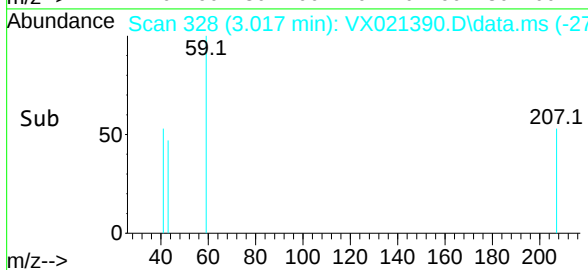
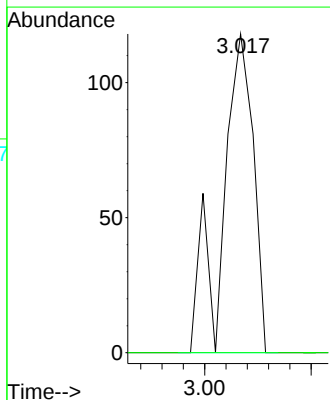
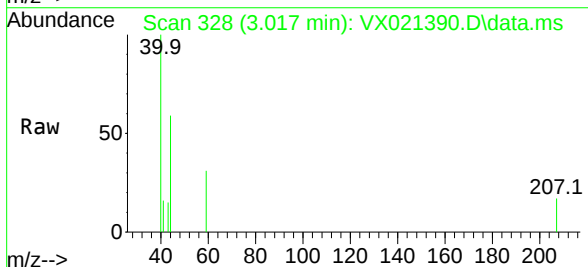
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

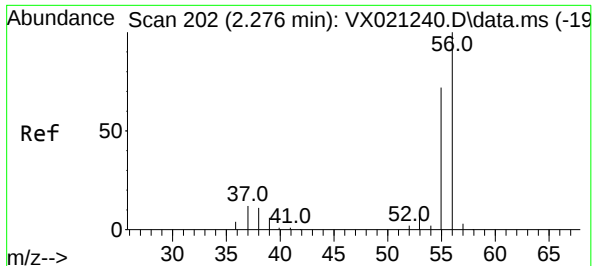
Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 89.9 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

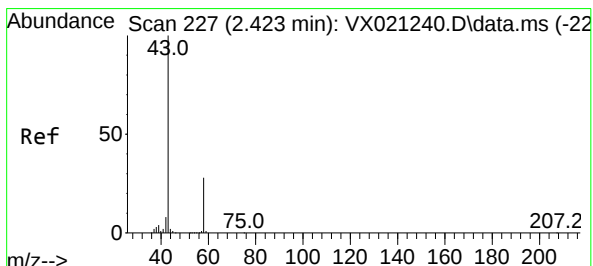
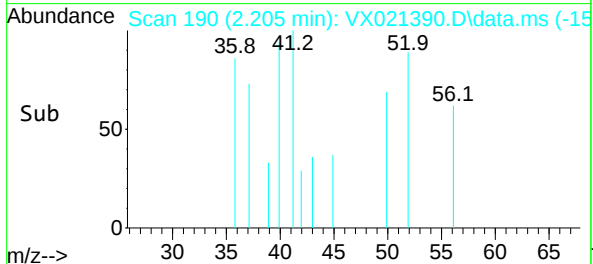
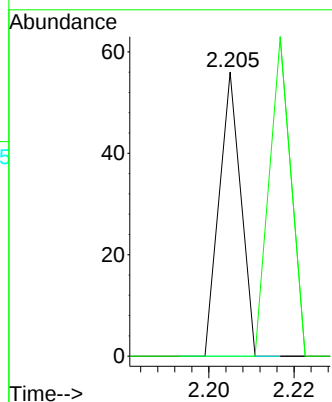
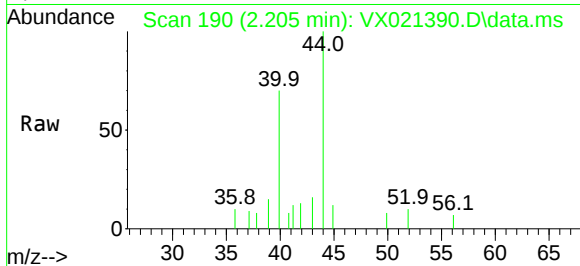




#13
Acrolein
Concen: 3.28 ug/l
RT: 2.205 min Scan# 190
Delta R.T. -0.071 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

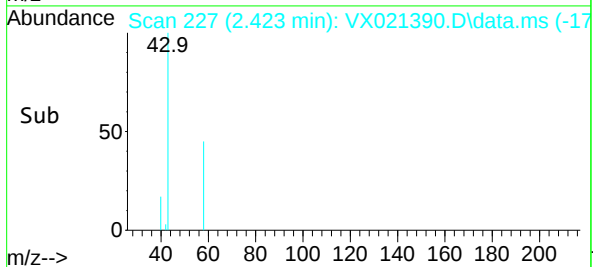
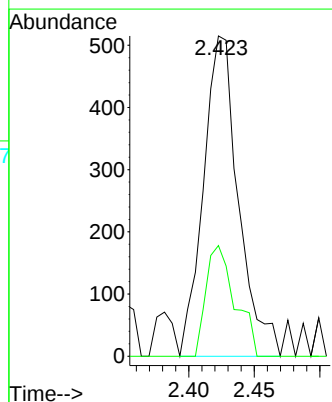
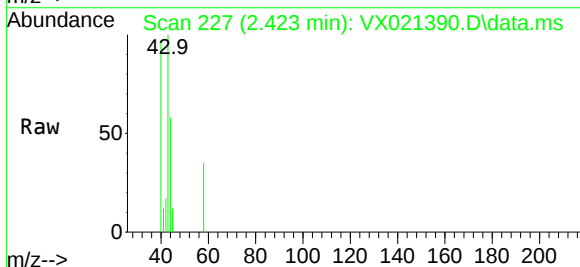
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

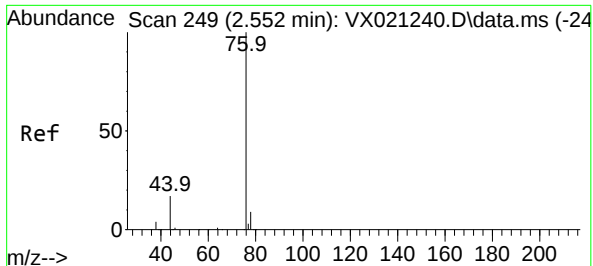
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 110.0 56.4 84.6#



#16
Acetone
Concen: 2.04 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8

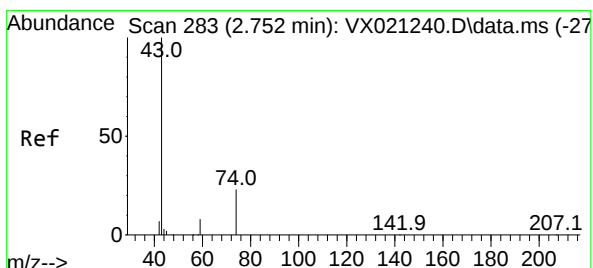
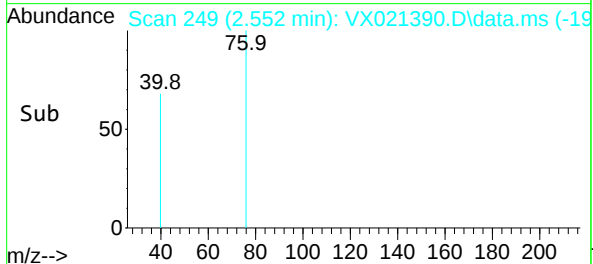
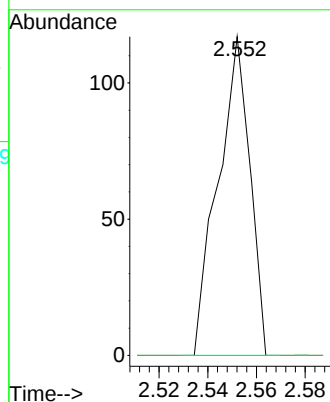
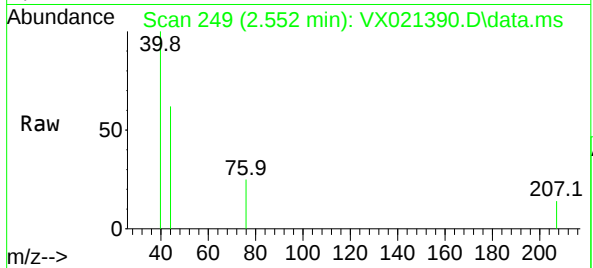




#17
Carbon Disulfide
Concen: 0.58 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

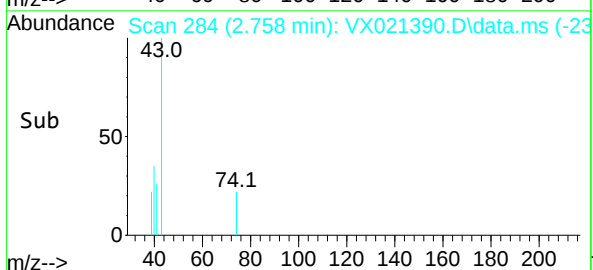
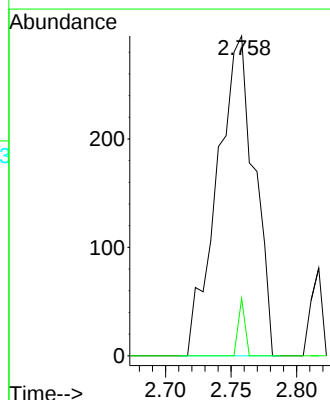
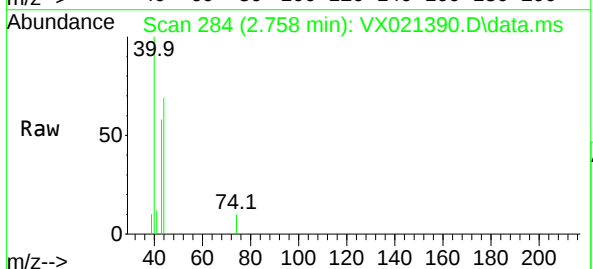
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

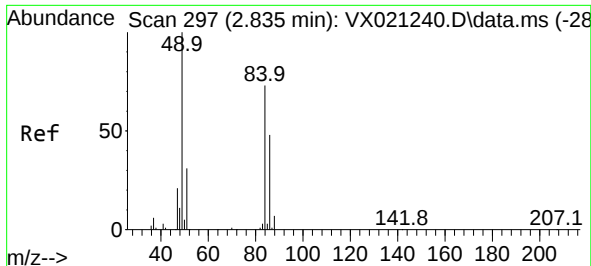
Tgt Ion: 76 Resp: 106
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
74 3.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

Lab File: VX021390.D

Acq: 23 Mar 2021 16:56

Tgt Ion: 84 Resp: 198

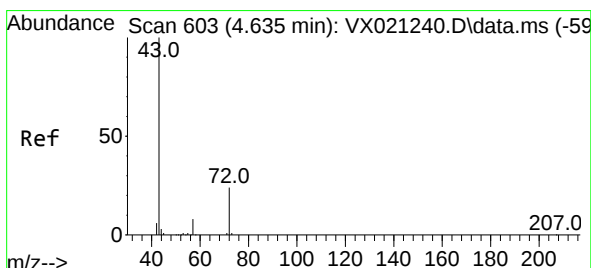
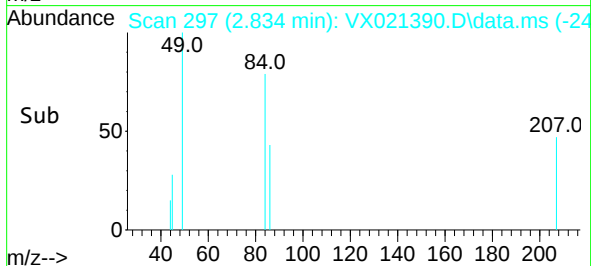
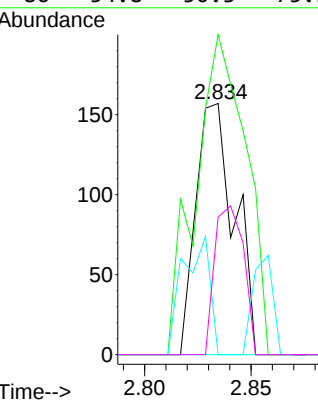
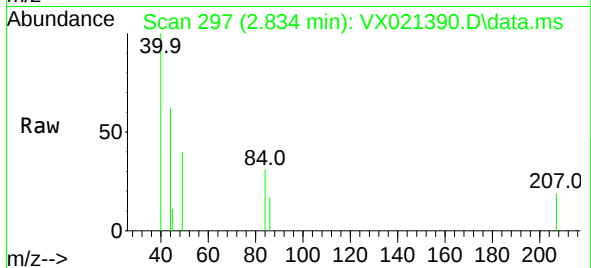
Ion Ratio Lower Upper

84 100

49 127.4 88.6 132.8

51 0.0 27.0 40.6#

86 54.8 50.3 75.5



#25

2-Butanone

Concen: 0.27 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021390.D

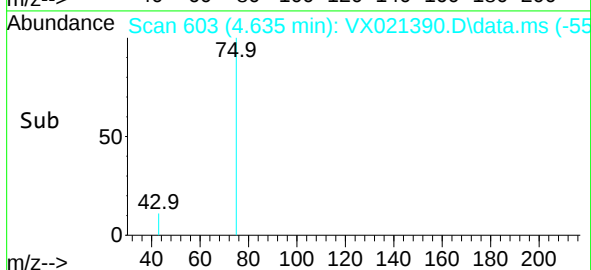
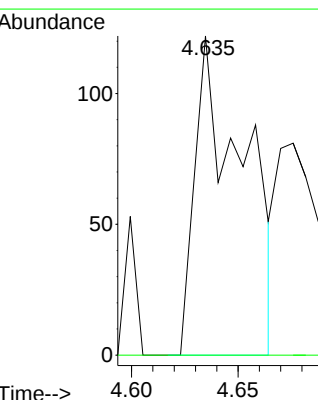
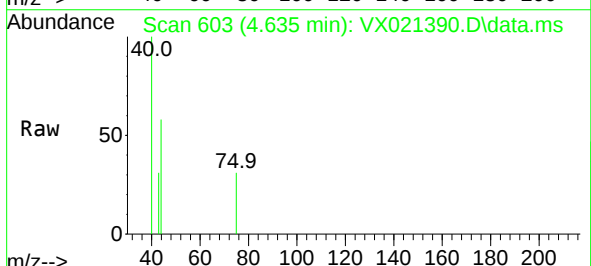
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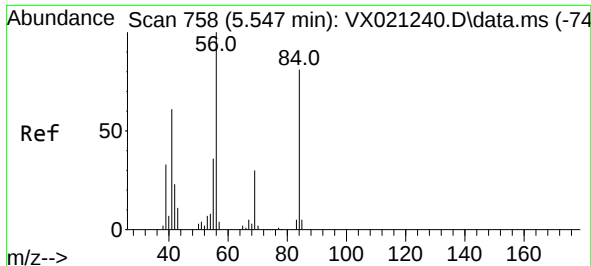
Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

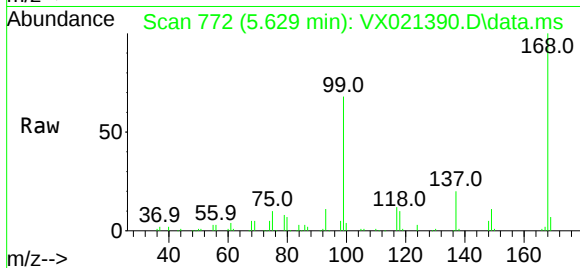
72 0.0 23.7 35.5#



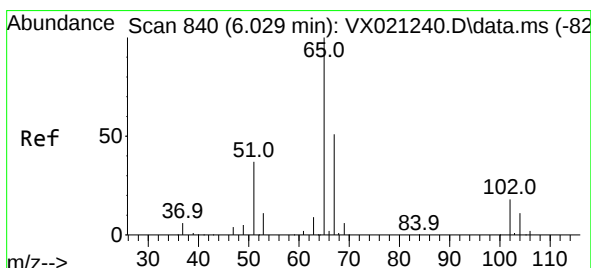
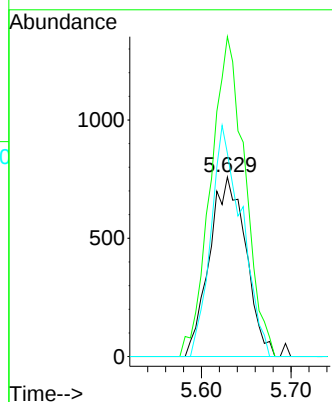
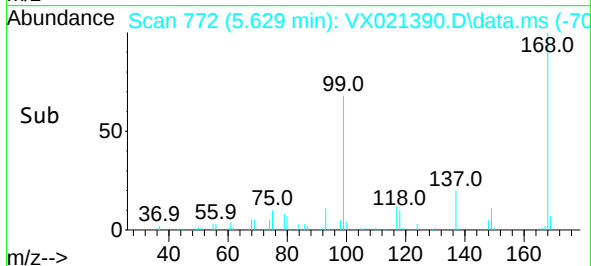


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

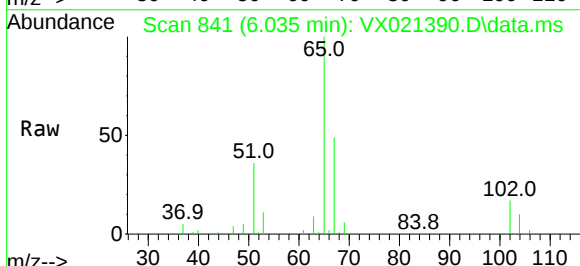
Instrument :
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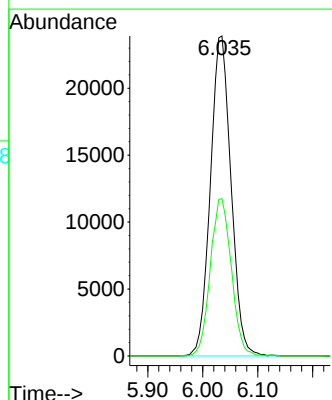
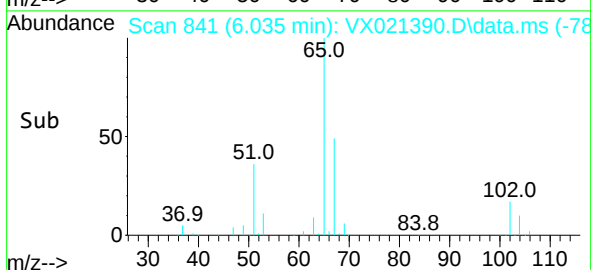
Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 178.1 25.3 37.9#
84 121.2 71.4 107.0#

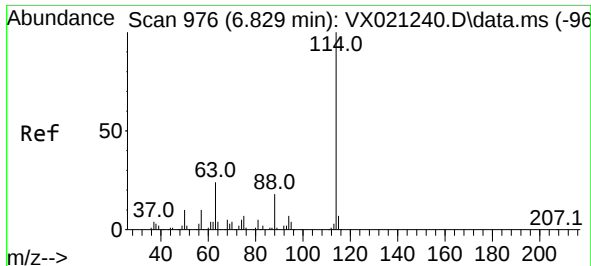


#33
1,2-Dichloroethane-d4
Concen: 48.82 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56



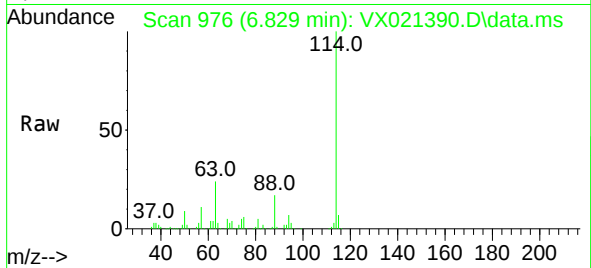
Tgt Ion: 65 Resp: 62318
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



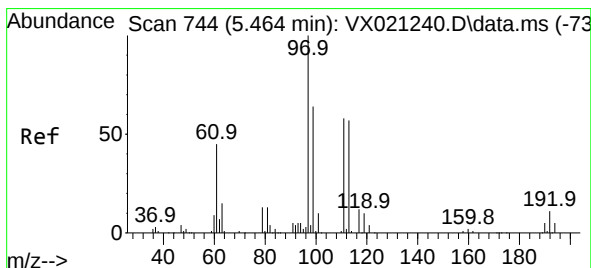
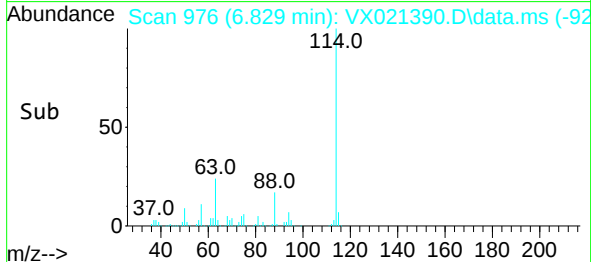
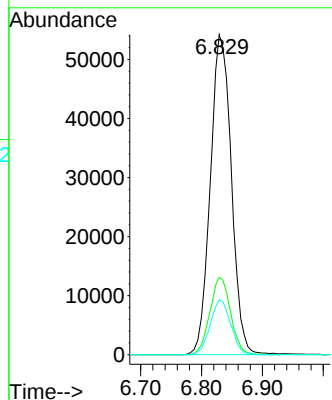


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

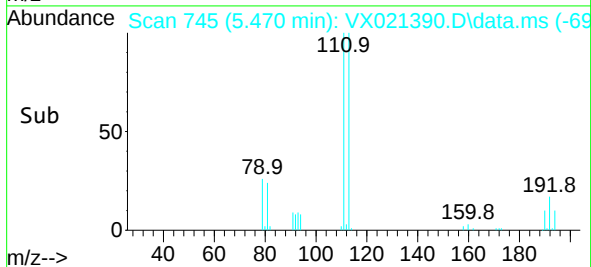
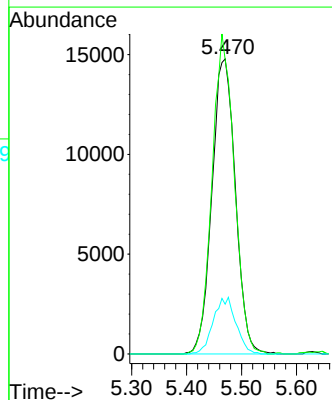
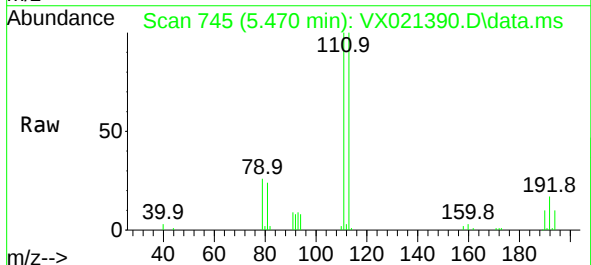


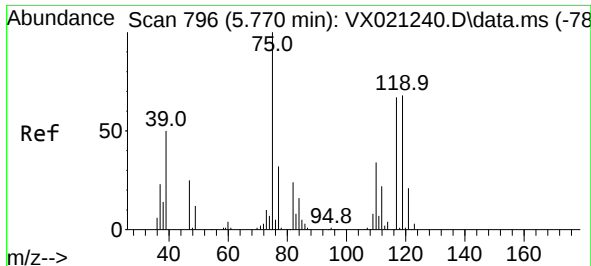
Tgt Ion:114 Resp: 130000
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.54 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

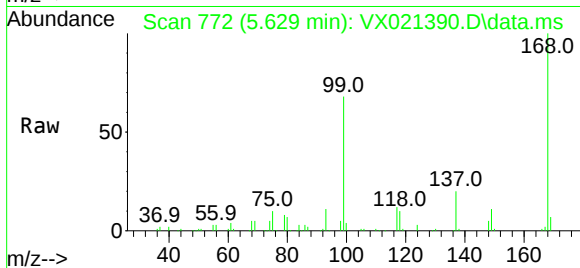
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Ion Ratio Lower Upper
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111 102.8 81.9 122.9
192 18.5 16.7 25.1



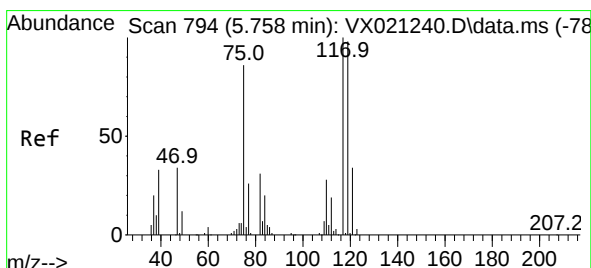
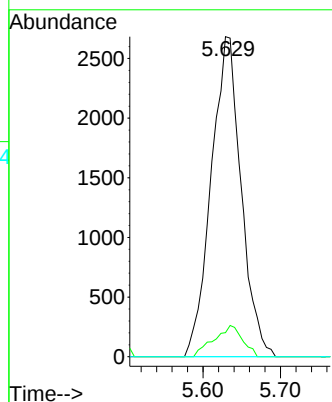
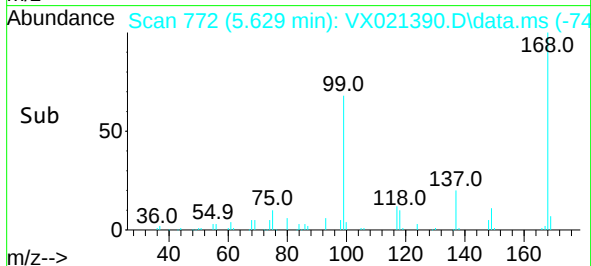


#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

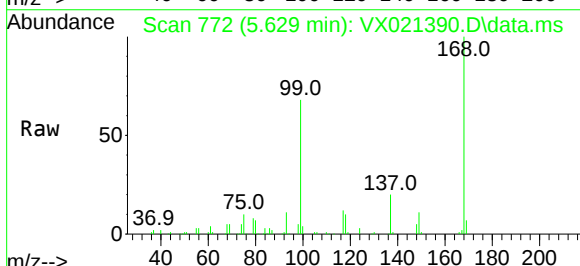
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17



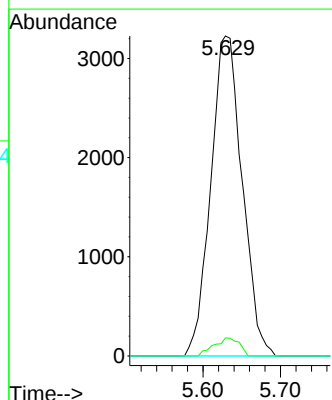
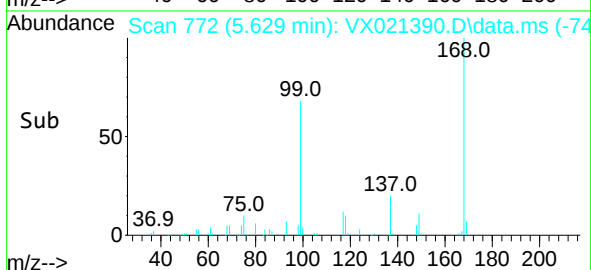
Tgt Ion: 75	Resp: 7210
Ion Ratio	Lower Upper
75 100	
110 9.3	18.1 54.4#
77 0.0	25.3 37.9#

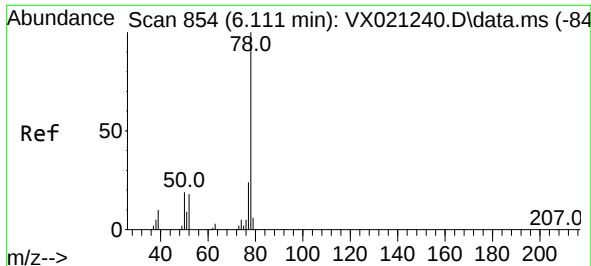


#38
Carbon Tetrachloride
Concen: 6.69 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56



Tgt Ion: 117	Resp: 9097
Ion Ratio	Lower Upper
117 100	
119 5.7	76.2 114.2#
121 0.0	24.8 37.2#

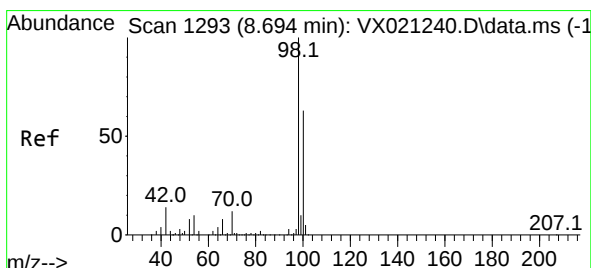
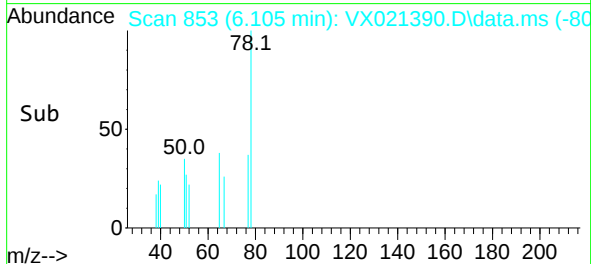
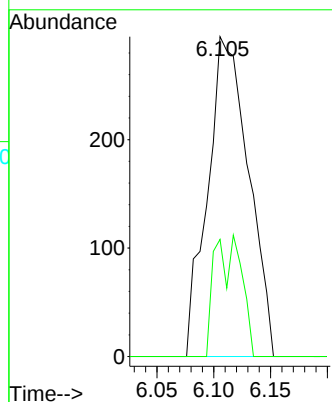
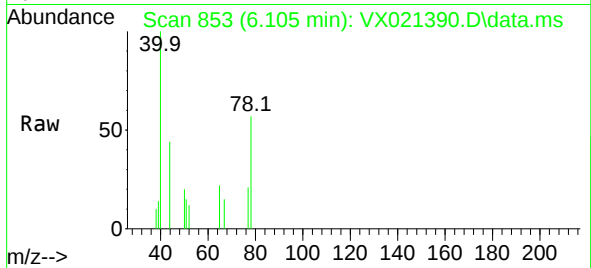




#40
Benzene
Concen: 0.20 ug/l
RT: 6.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

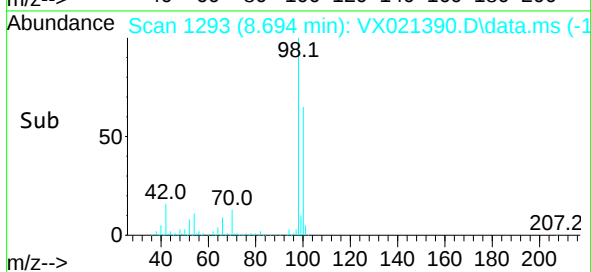
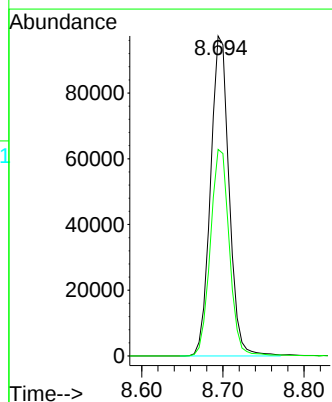
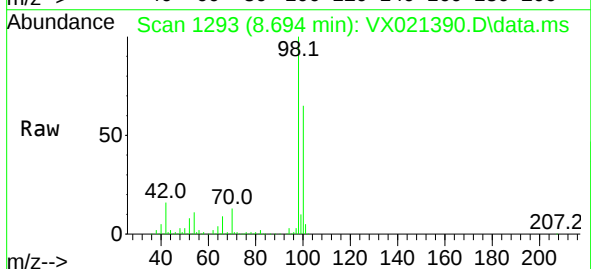
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

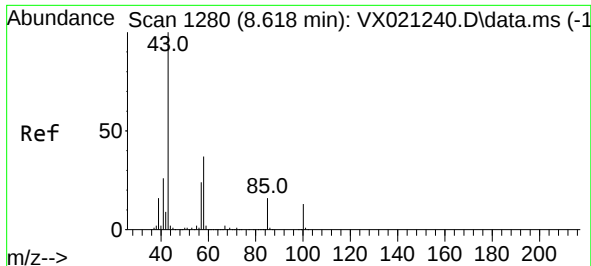
Tgt Ion: 78 Resp: 738
Ion Ratio Lower Upper
78 100
77 36.6 18.9 28.3#



#50
Toluene-d8
Concen: 48.12 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 98 Resp: 154445
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

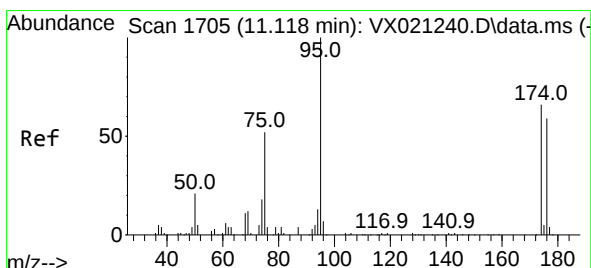
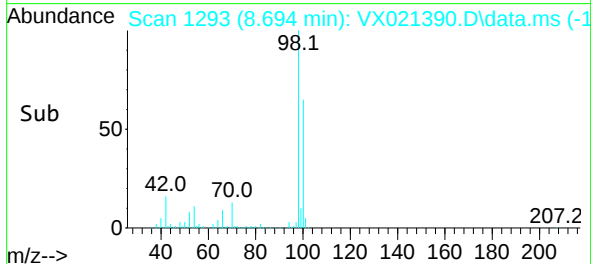
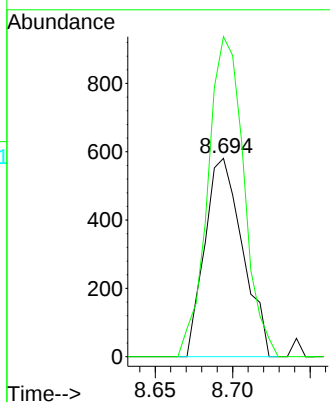
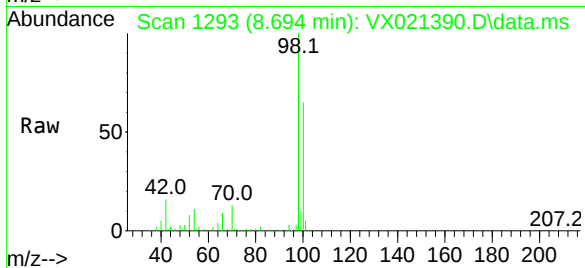




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

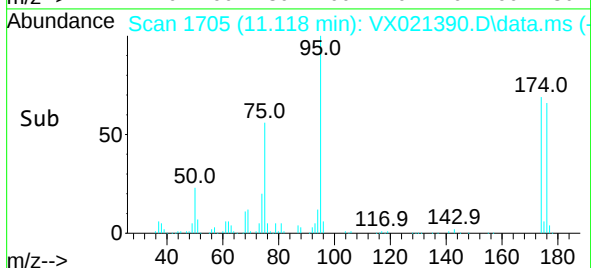
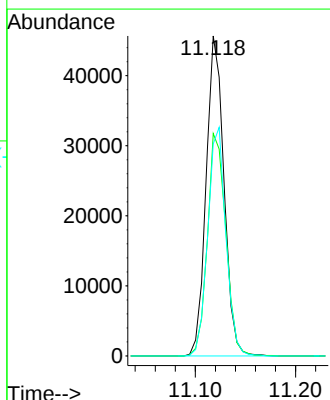
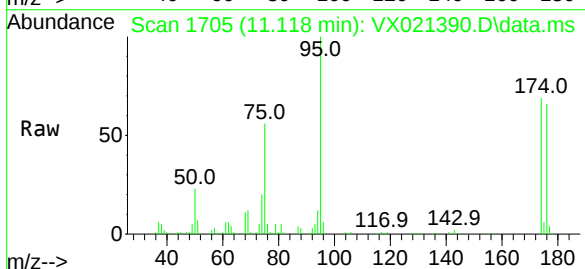
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

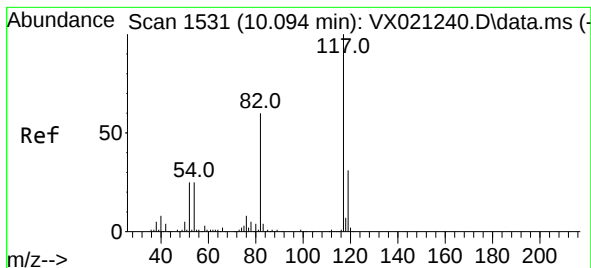
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 154.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion: 95 Resp: 56574
Ion Ratio Lower Upper
95 100
174 72.0 0.0 154.6
176 72.3 0.0 155.8

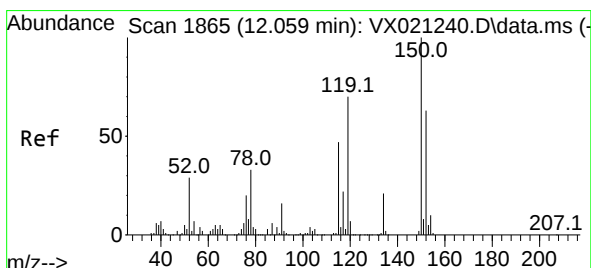
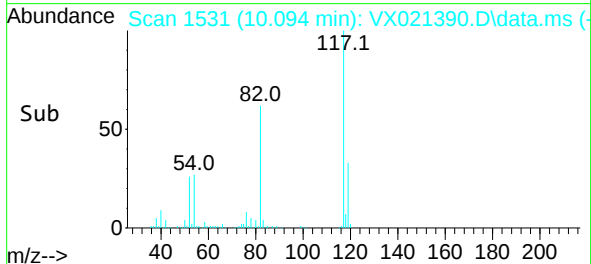
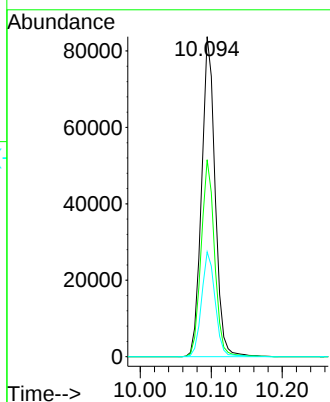
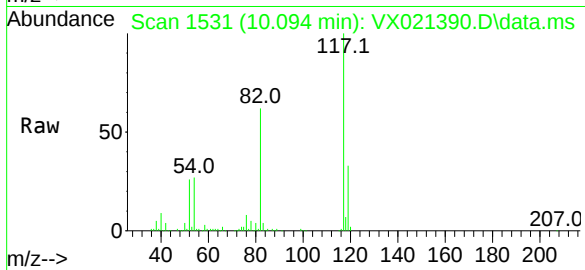




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

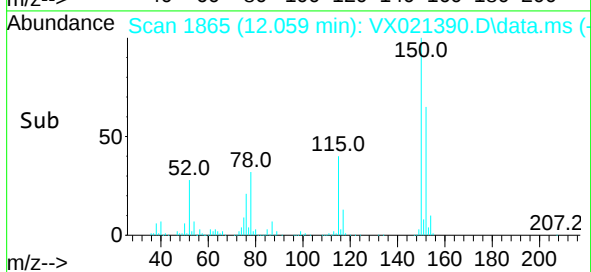
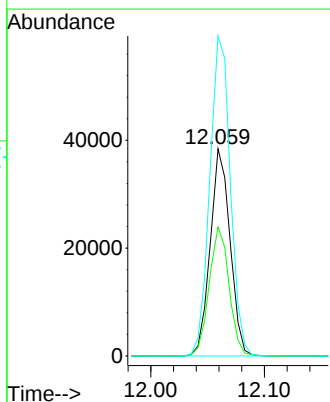
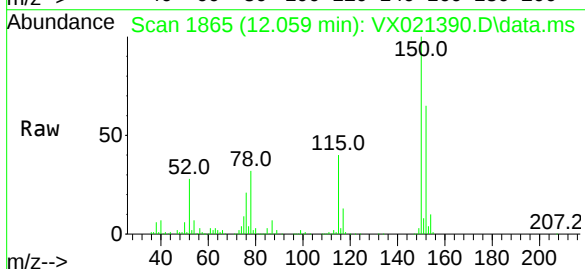
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

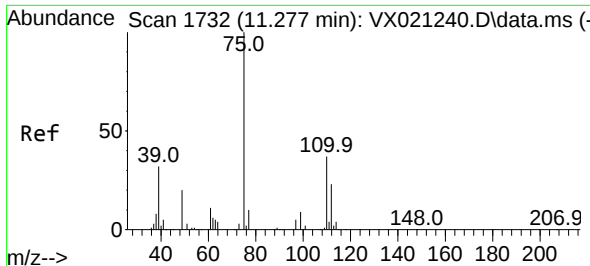
Tgt Ion:117 Resp: 111191
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Tgt Ion:152 Resp: 46665
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 160.1 0.0 349.0

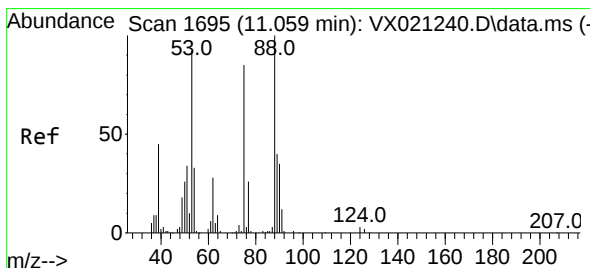
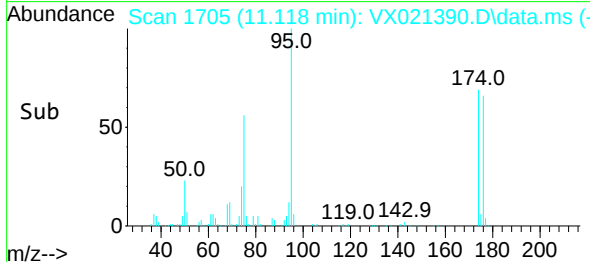
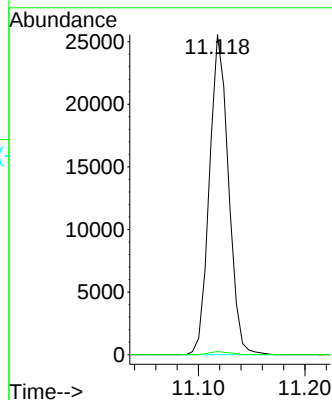
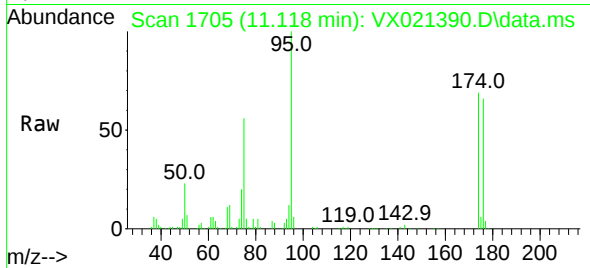




#76
1,2,3-Trichloropropane
Concen: 29.33 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

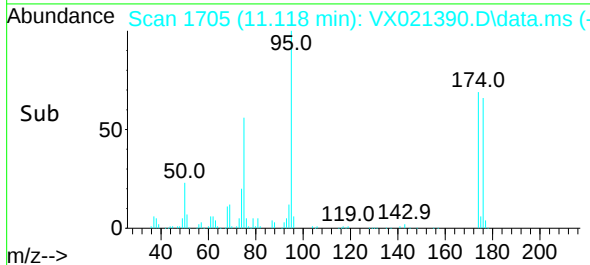
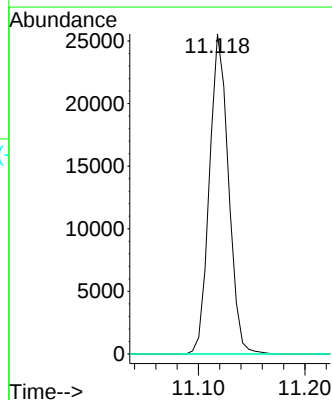
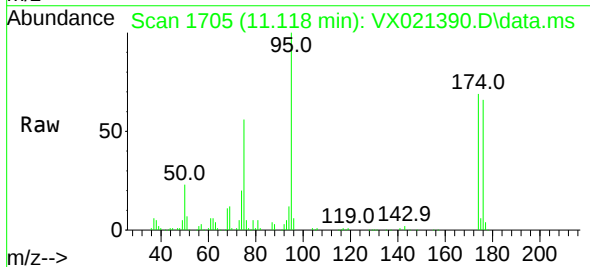
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17

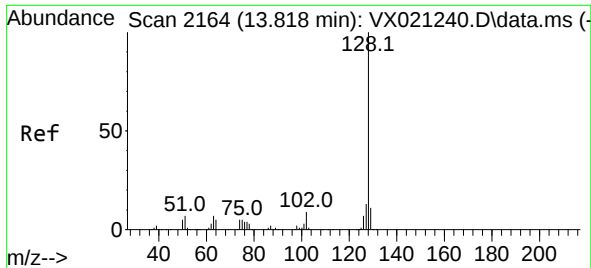
Tgt Ion: 75 Resp: 31750
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

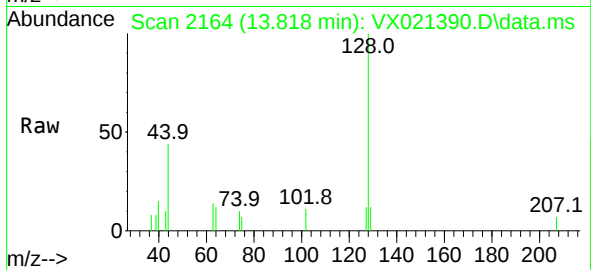
Tgt Ion: 75 Resp: 31750
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.32 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021390.D
Acq: 23 Mar 2021 16:56

Instrument :
MSVOA_X
ClientSampleId :
COMP1-41711-41714:17



Tgt Ion:128 Resp: 1059
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 10.7 8.8 13.2

