

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021432.D
 Acq On : 24 Mar 2021 13:51
 Operator : JC/MD
 Sample : VX0324WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBL01

Quant Time: Mar 24 17:17:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

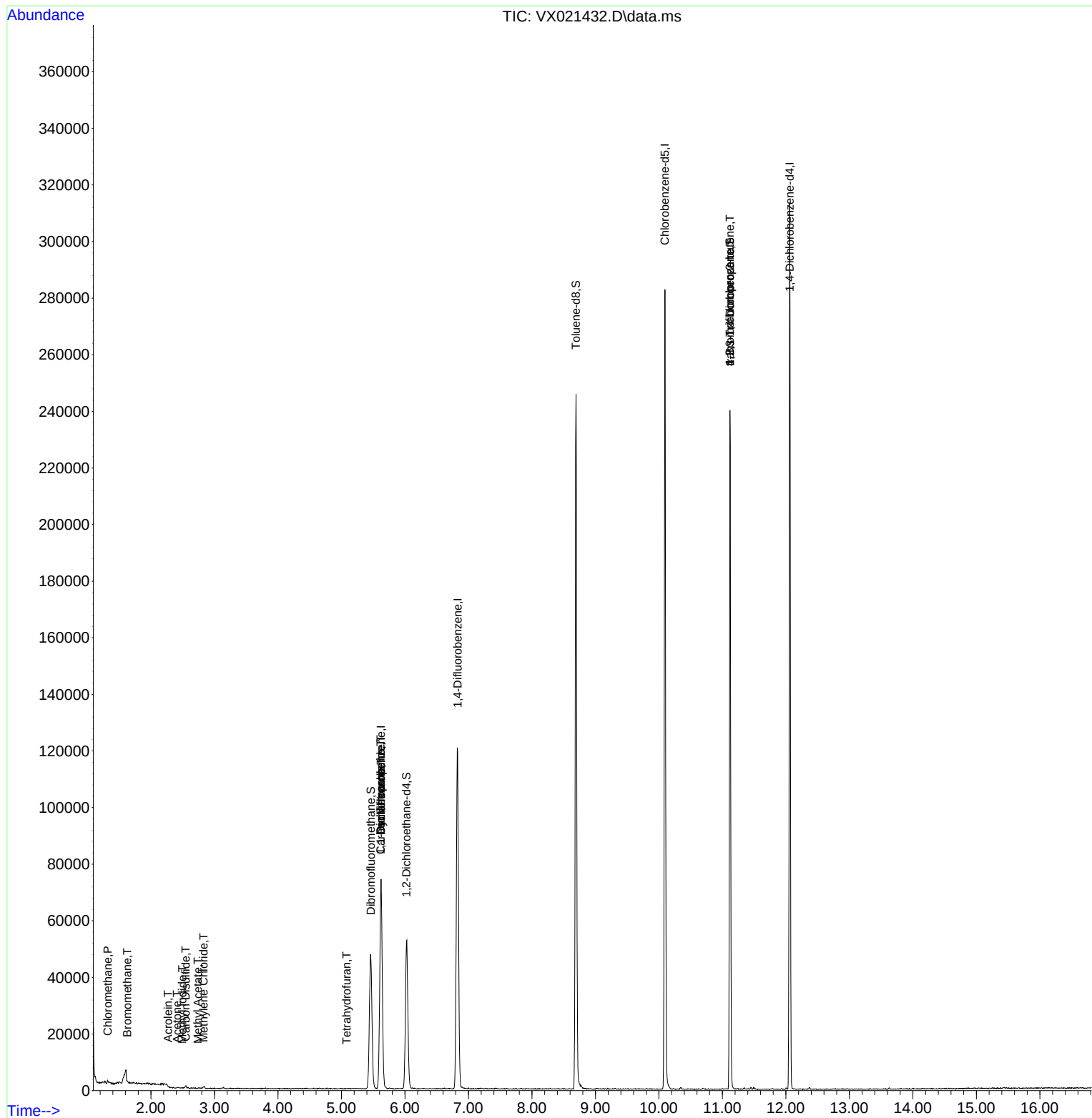
Internal Standards						
1) Pentafluorobenzene	5.623	168	62183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	112068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	52424	50.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.34%
35) Dibromofluoromethane	5.464	113	39657	49.82	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.64%
50) Toluene-d8	8.694	98	142116	50.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.20%
62) 4-Bromofluorobenzene	11.118	95	62402	56.58	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.16%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1561	2.03	ug/l	97
5) Bromomethane	1.628	94	282	1.00	ug/l	90
10) Methyl Iodide	2.493	142	173	6.94	ug/l #	42
13) Acrolein	2.270	56	68	5.07	ug/l #	41
16) Acetone	2.411	43	360	0.92	ug/l #	40
17) Carbon Disulfide	2.546	76	886	0.50	ug/l	99
18) Methyl Acetate	2.740	43	318	0.28	ug/l #	47
20) Methylene Chloride	2.829	84	266	0.35	ug/l #	74
29) Tetrahydrofuran	5.082	42	143	0.37	ug/l #	27
31) Cyclohexane	5.623	56	1837	1.61	ug/l #	20
36) 1,1-Dichloropropene	5.617	75	5807	5.29	ug/l #	50
38) Carbon Tetrachloride	5.617	117	6951	5.89	ug/l #	15
76) 1,2,3-Trichloropropane	11.118	75	35006	26.17	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	35006	79.70	ug/l #	12

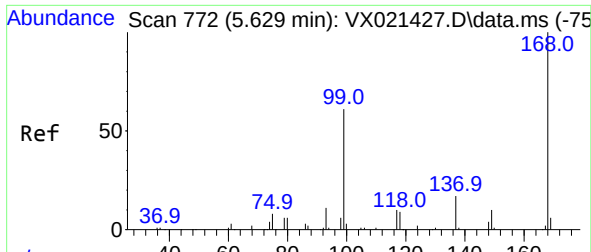
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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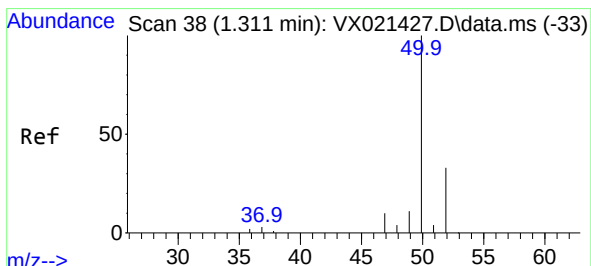
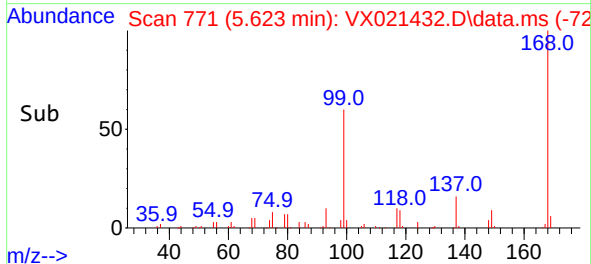
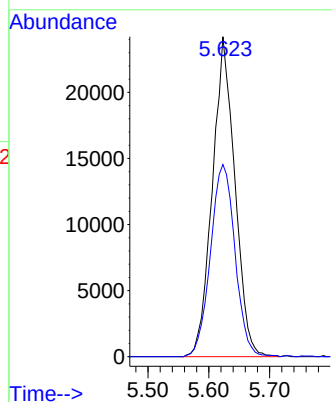
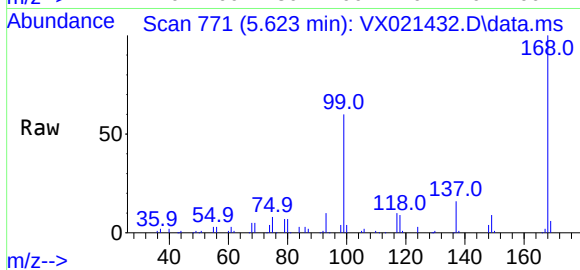




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

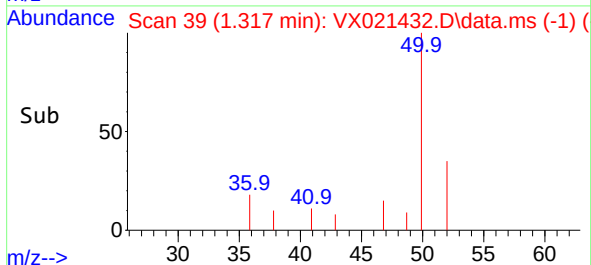
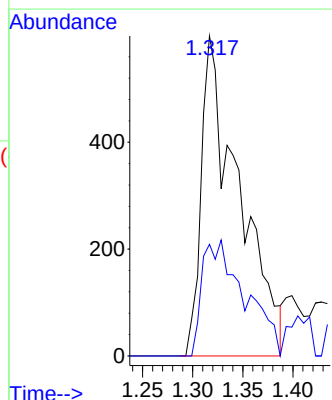
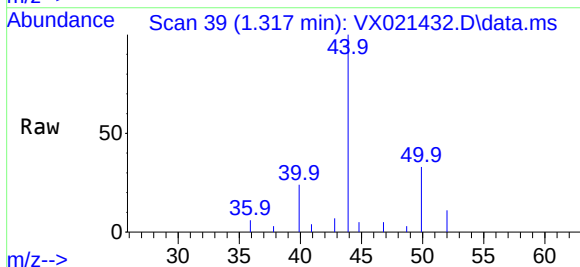
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

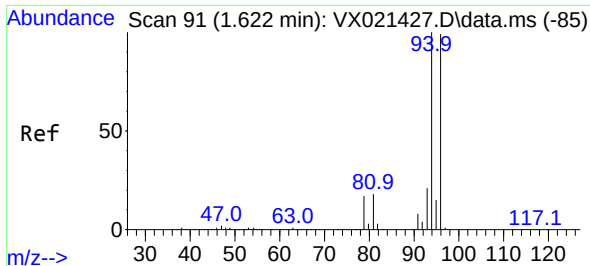
Tgt Ion:168 Resp: 62183
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 2.03 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 50 Resp: 1561
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

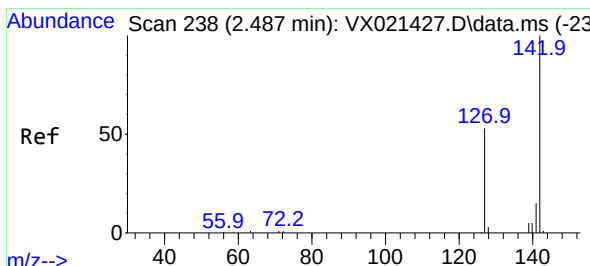
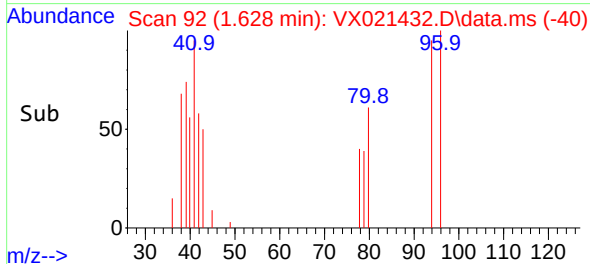
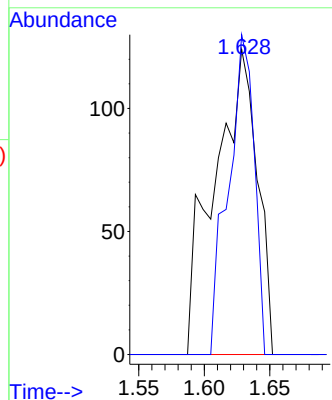
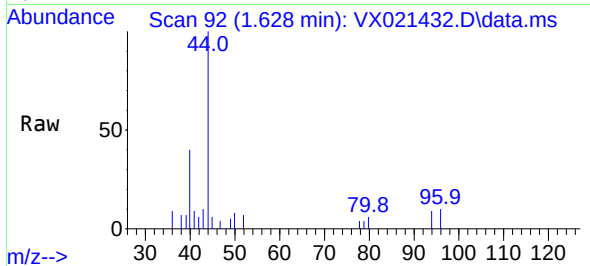




#5
Bromomethane
Concen: 1.00 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

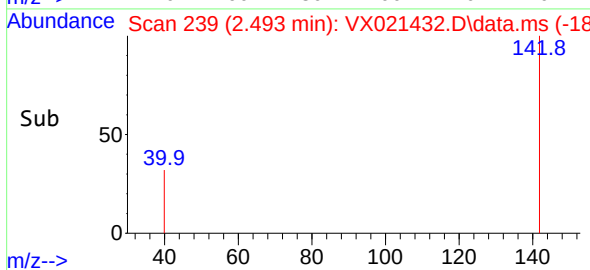
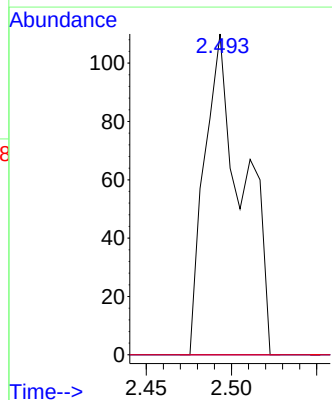
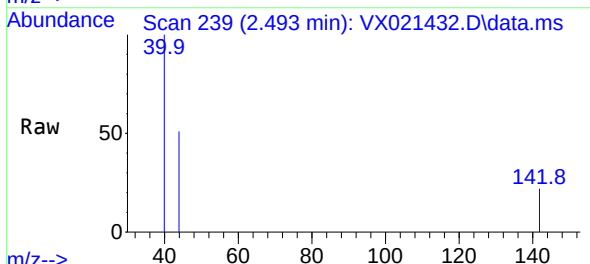
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

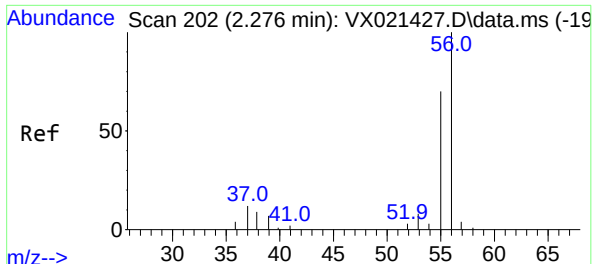
Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 104.8 76.4 114.6



#10
Methyl Iodide
Concen: 6.94 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 142 Resp: 173
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

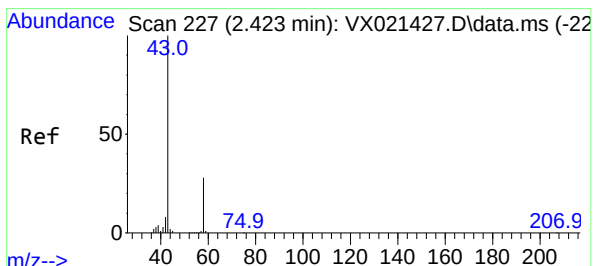
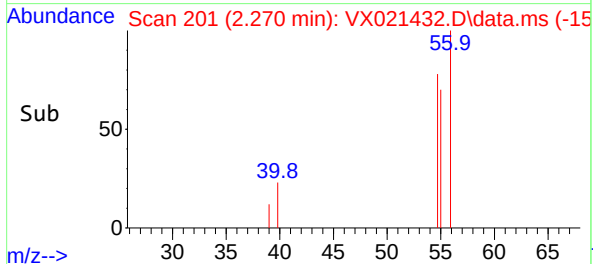
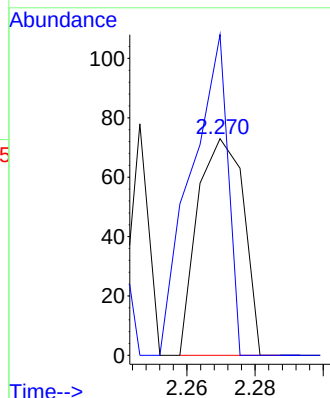
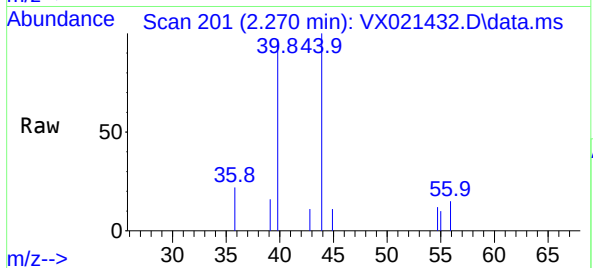




#13
Acrolein
Concen: 5.07 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

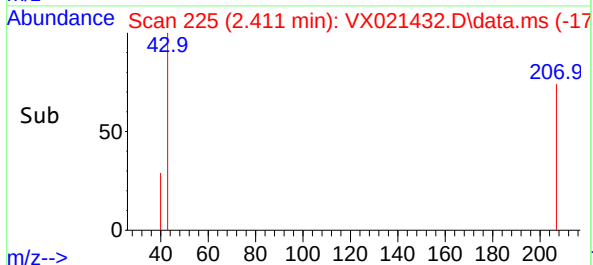
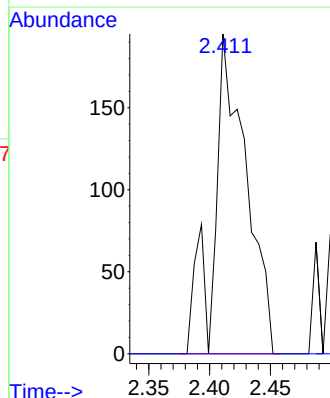
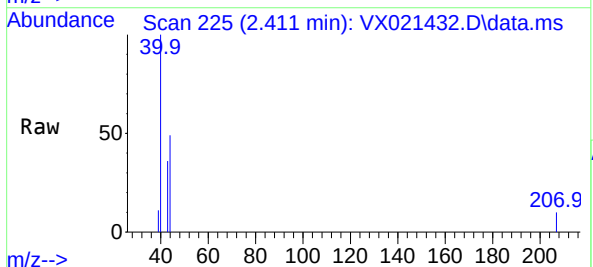
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

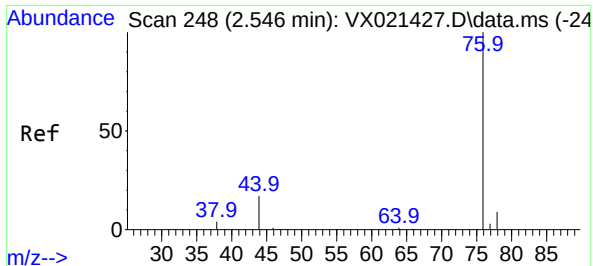
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 119.1 56.4 84.6#



#16
Acetone
Concen: 0.92 ug/l
RT: 2.411 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

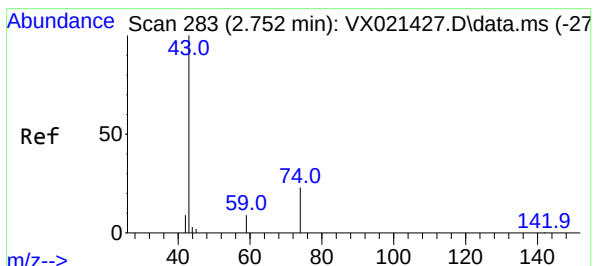
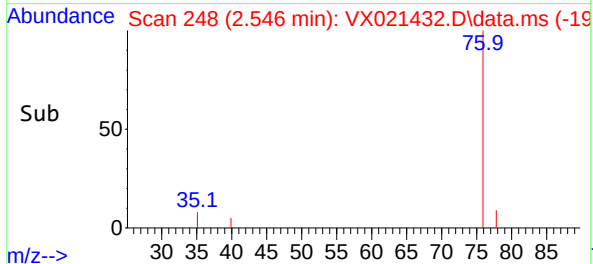
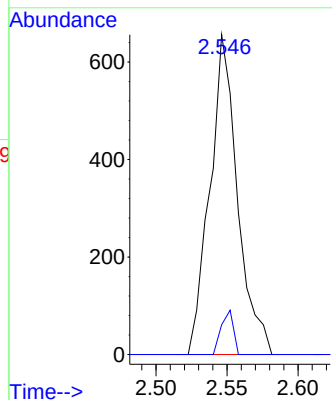
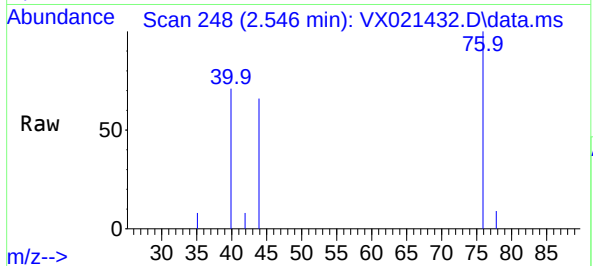




#17
Carbon Disulfide
Concen: 0.50 ug/l
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

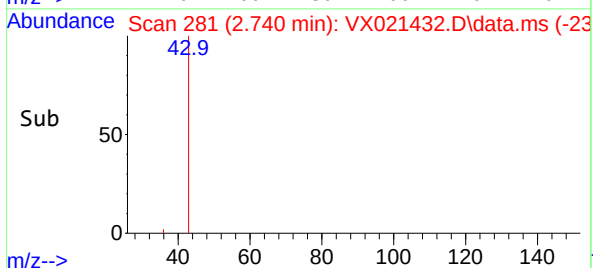
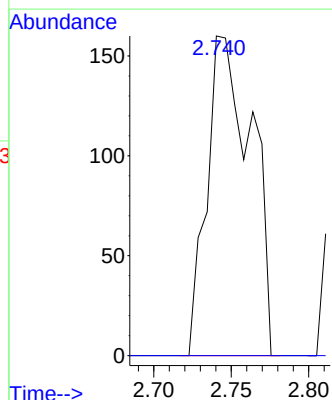
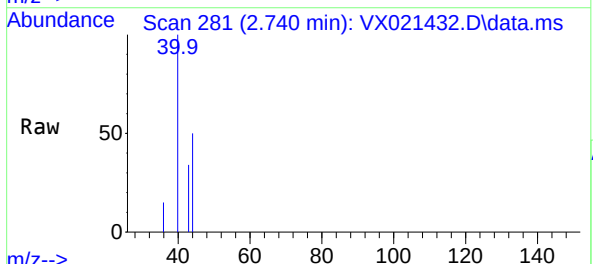
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

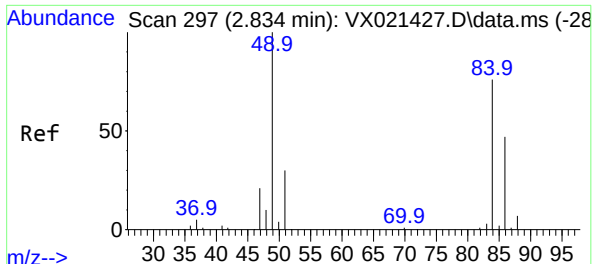
Tgt Ion: 76 Resp: 886
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.740 min Scan# 281
Delta R.T. -0.012 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.35 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021432.D

Acq: 24 Mar 2021 13:51

Tgt Ion: 84 Resp: 266

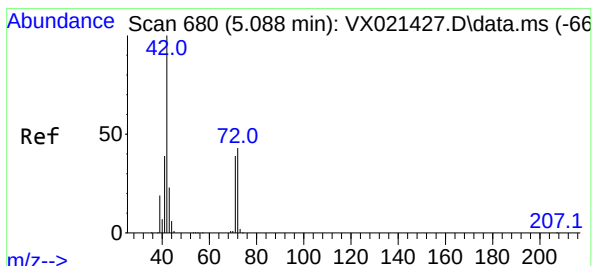
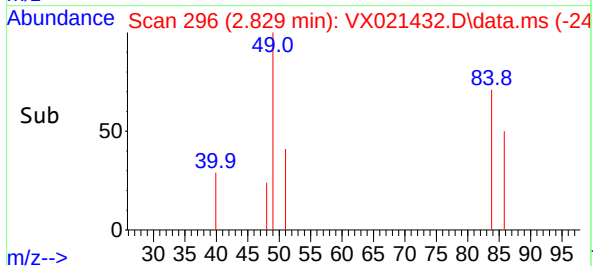
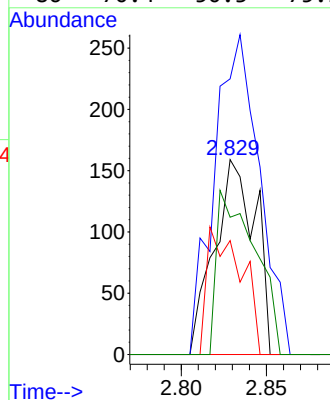
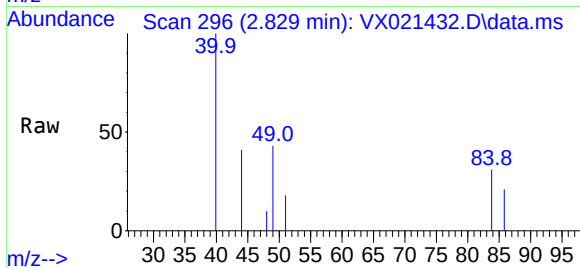
Ion Ratio Lower Upper

84 100

49 141.5 88.6 132.8#

51 58.5 27.0 40.6#

86 70.4 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 5.082 min Scan# 679

Delta R.T. -0.006 min

Lab File: VX021432.D

Acq: 24 Mar 2021 13:51

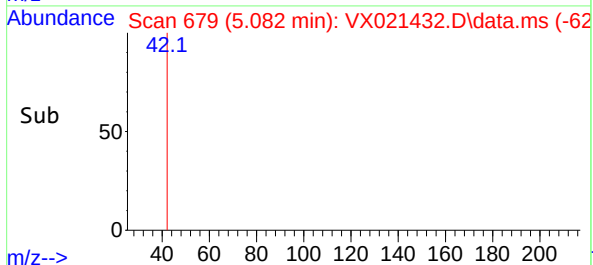
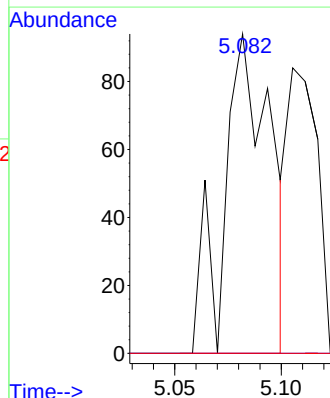
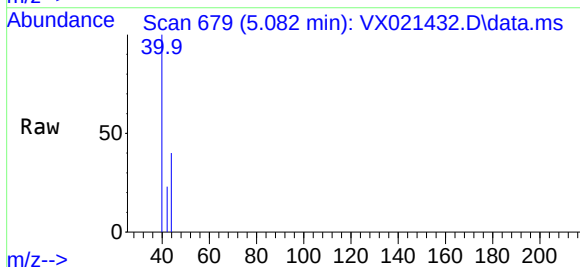
Tgt Ion: 42 Resp: 143

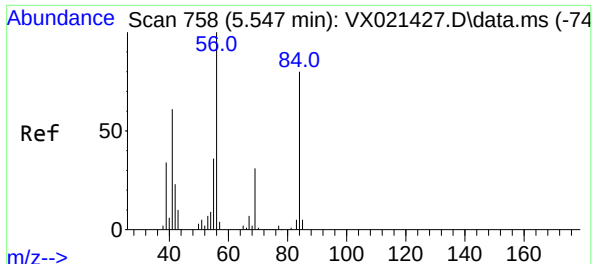
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

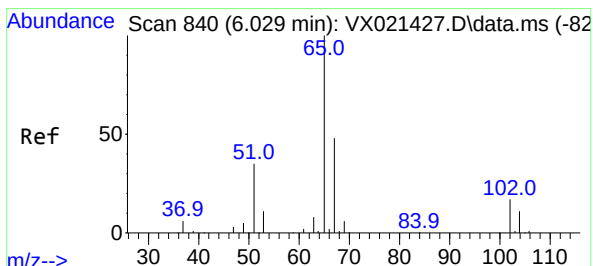
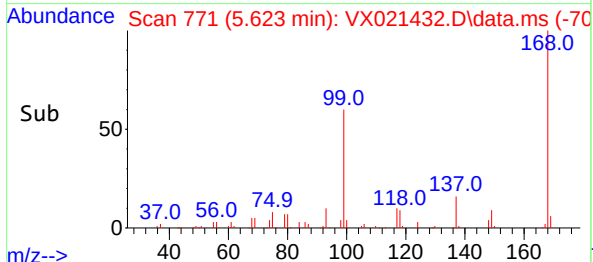
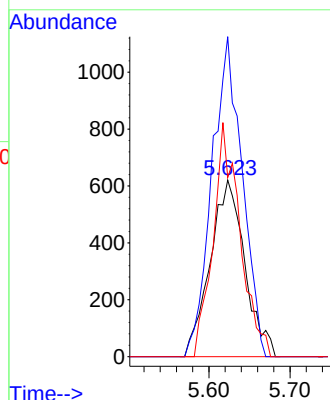
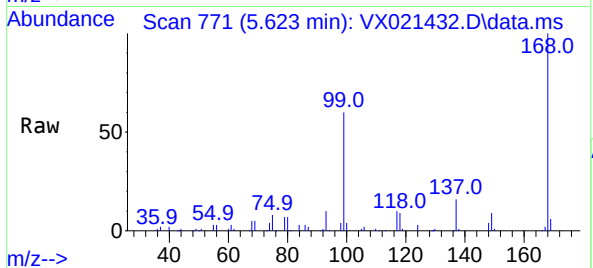




#31
Cyclohexane
Concen: 1.61 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

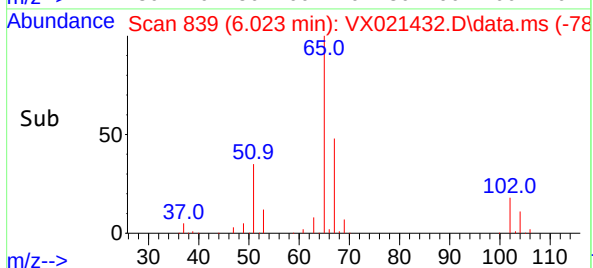
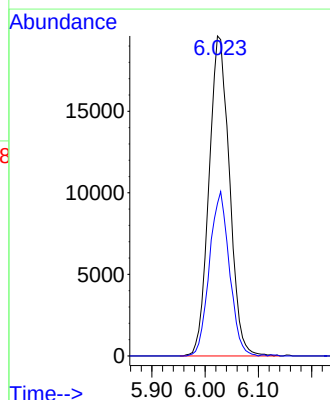
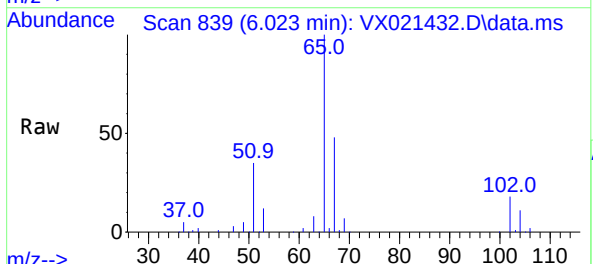
Instrument :
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ClientSampleId :
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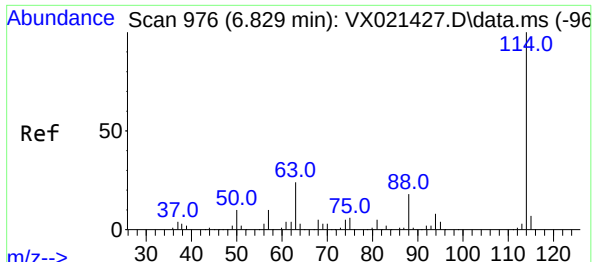
Tgt Ion: 56 Resp: 1837
Ion Ratio Lower Upper
56 100
69 181.2 25.3 37.9#
84 101.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.67 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 65 Resp: 52424
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4



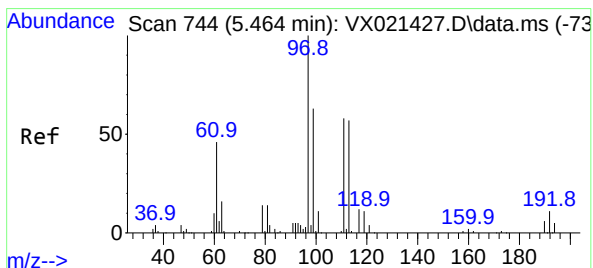
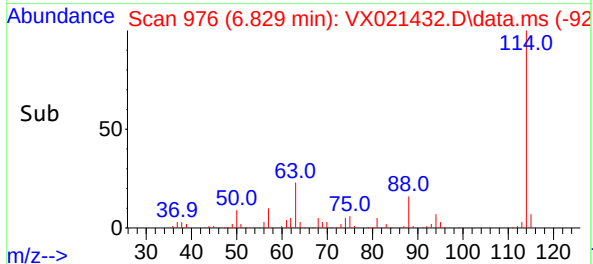
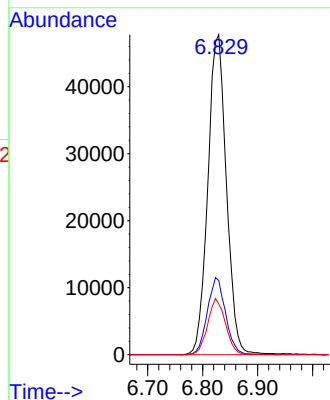
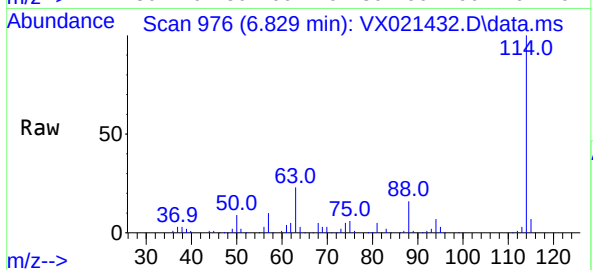


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

Tgt Ion:114 Resp: 112068

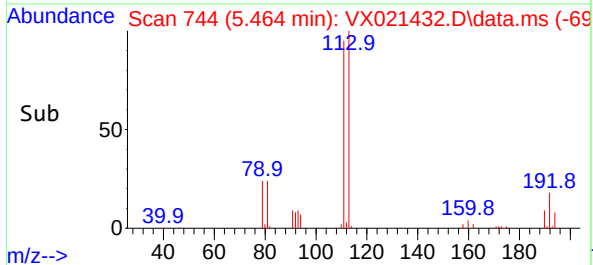
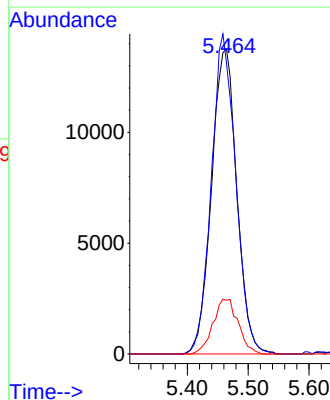
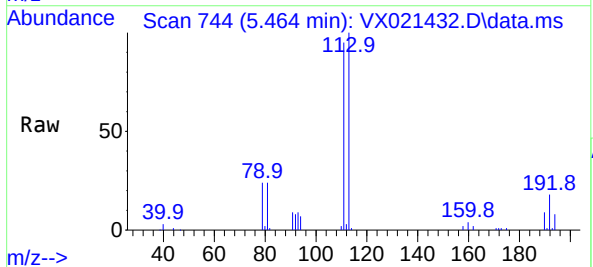
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	40.8
88	15.8	0.0	32.8

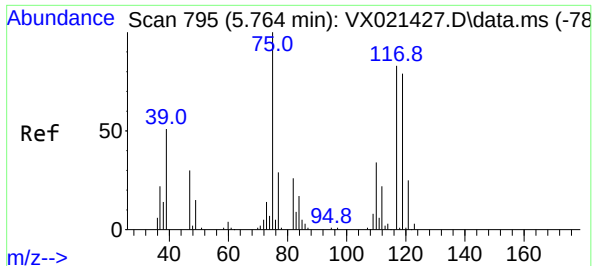


#35
Dibromofluoromethane
Concen: 49.82 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion:113 Resp: 39657

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	17.9	16.7	25.1



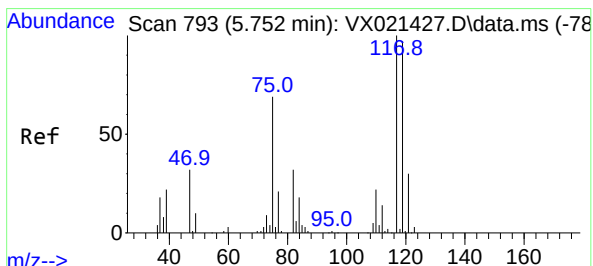
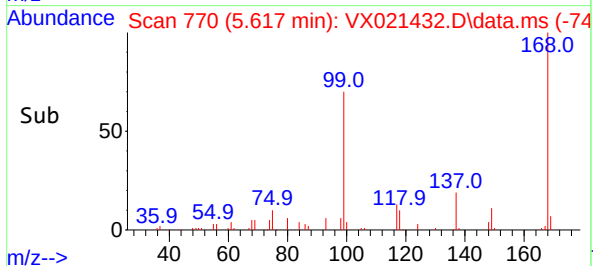
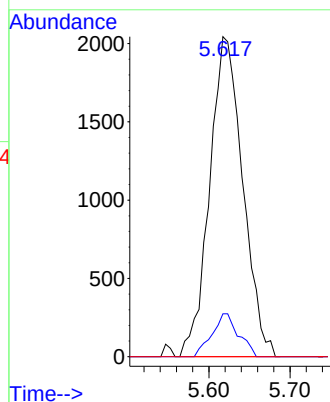
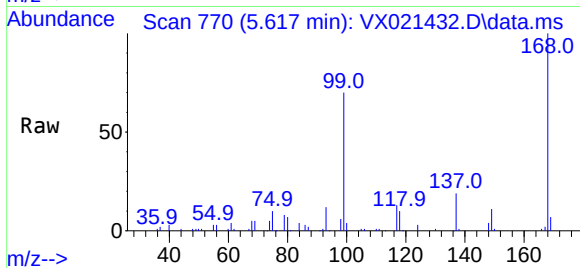


#36

1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.147 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

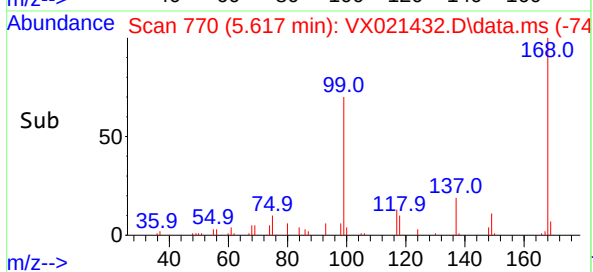
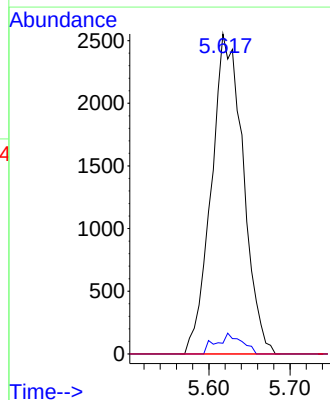
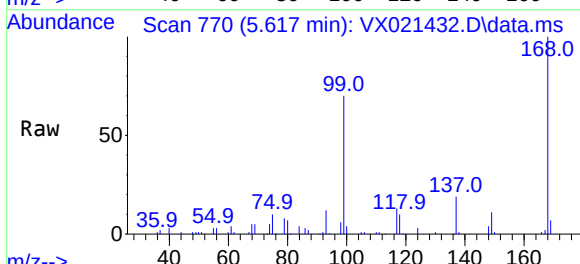
Tgt Ion:	75	Resp:	5807
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.4#
77	0.0	25.3	37.9#

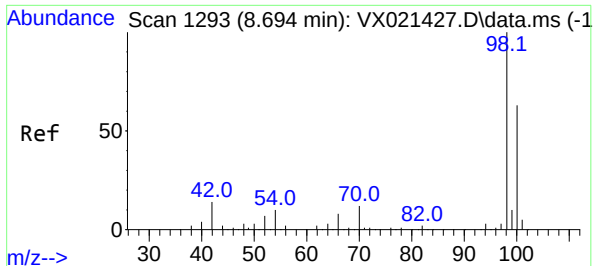


#38

Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.135 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion:	117	Resp:	6951
Ion	Ratio	Lower	Upper
117	100		
119	3.3	76.2	114.2#
121	0.0	24.8	37.2#

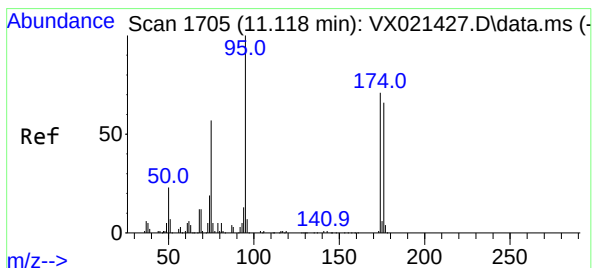
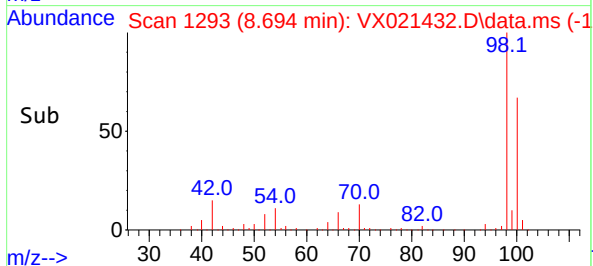
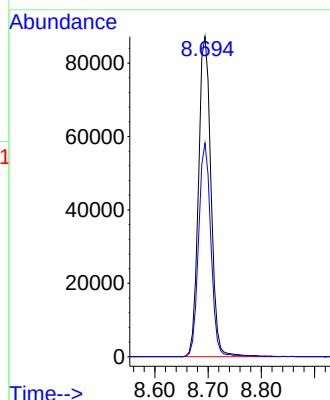
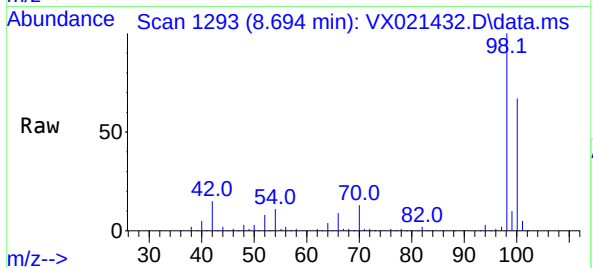




#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

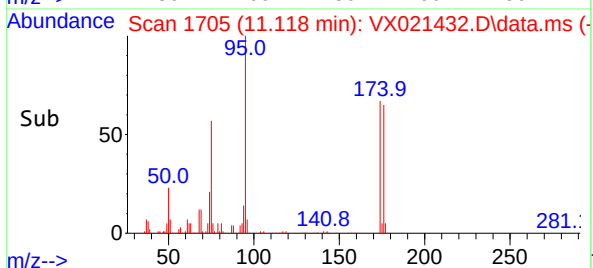
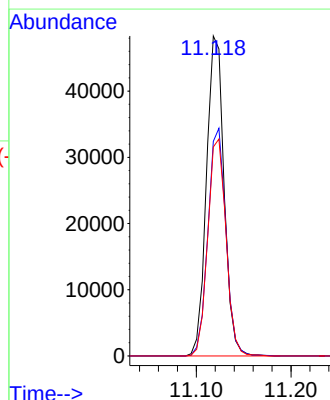
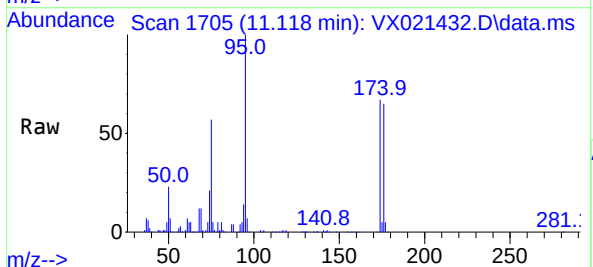
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

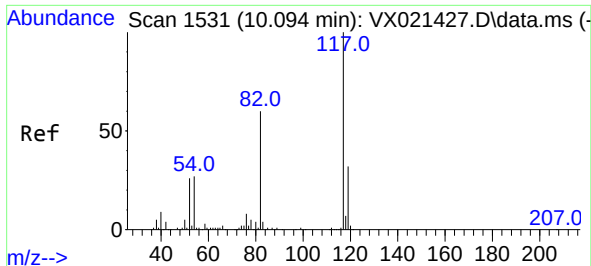
Tgt Ion: 98 Resp: 142116
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.58 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 95 Resp: 62402
Ion Ratio Lower Upper
95 100
174 72.4 0.0 154.6
176 70.2 0.0 155.8

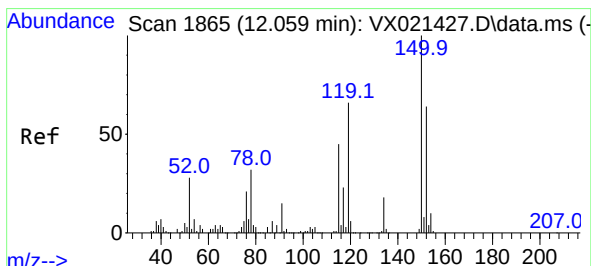
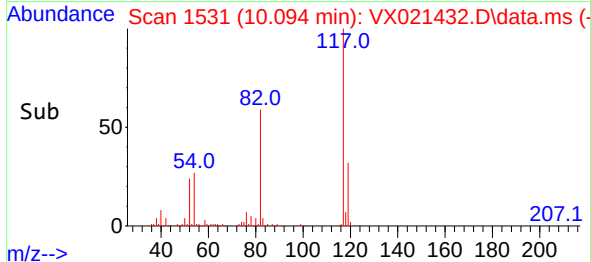
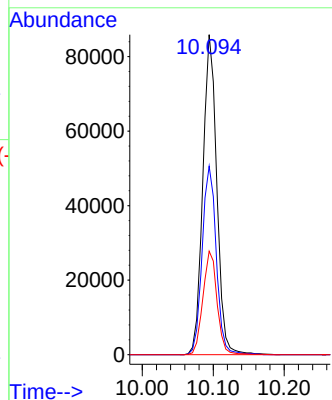
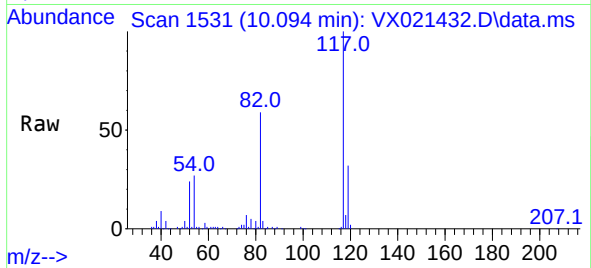




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

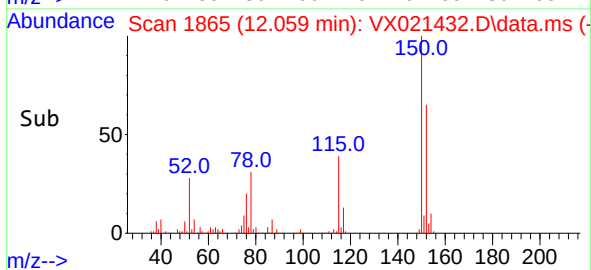
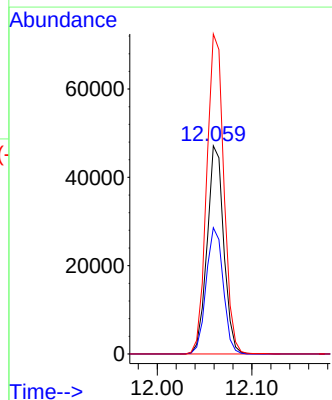
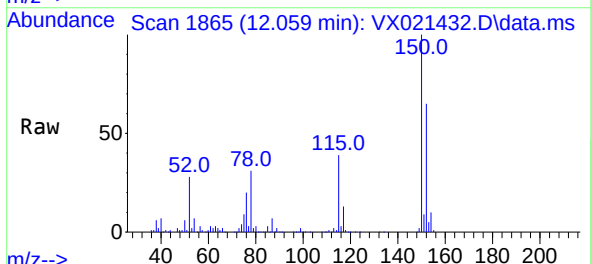
Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

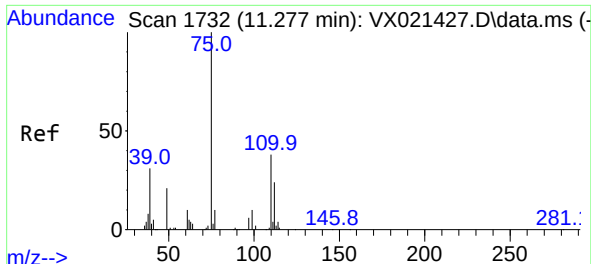
Tgt Ion:117 Resp: 117615
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion:152 Resp: 57466
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 157.9 0.0 349.0

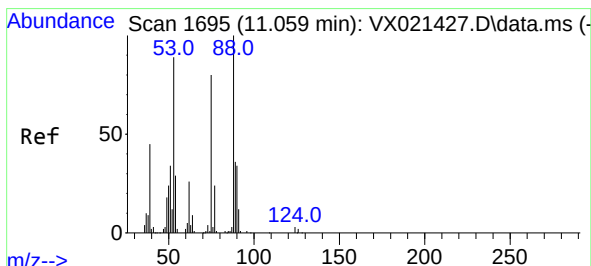
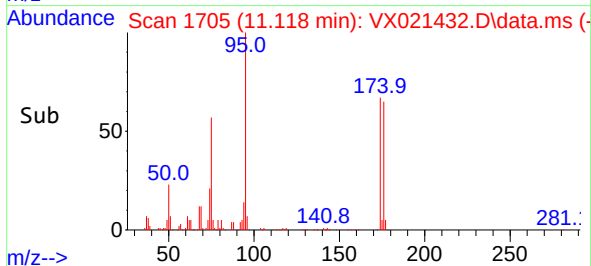
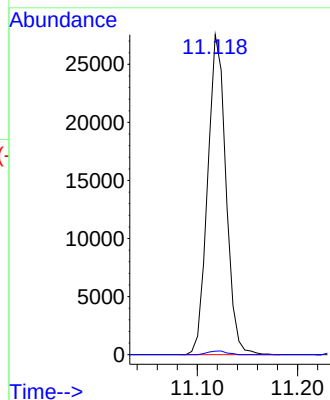
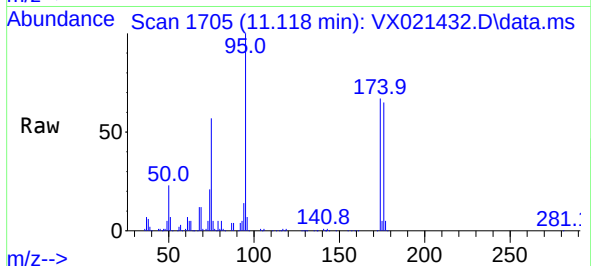




#76
1,2,3-Trichloropropane
Concen: 26.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBL01

Tgt Ion: 75 Resp: 35006
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021432.D
Acq: 24 Mar 2021 13:51

Tgt Ion: 75 Resp: 35006
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

