

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022732.D
 Acq On : 17 Jun 2021 11:56
 Operator : JC/MD
 Sample : M2750-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D1-20210615

Quant Time: Jun 18 01:16:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

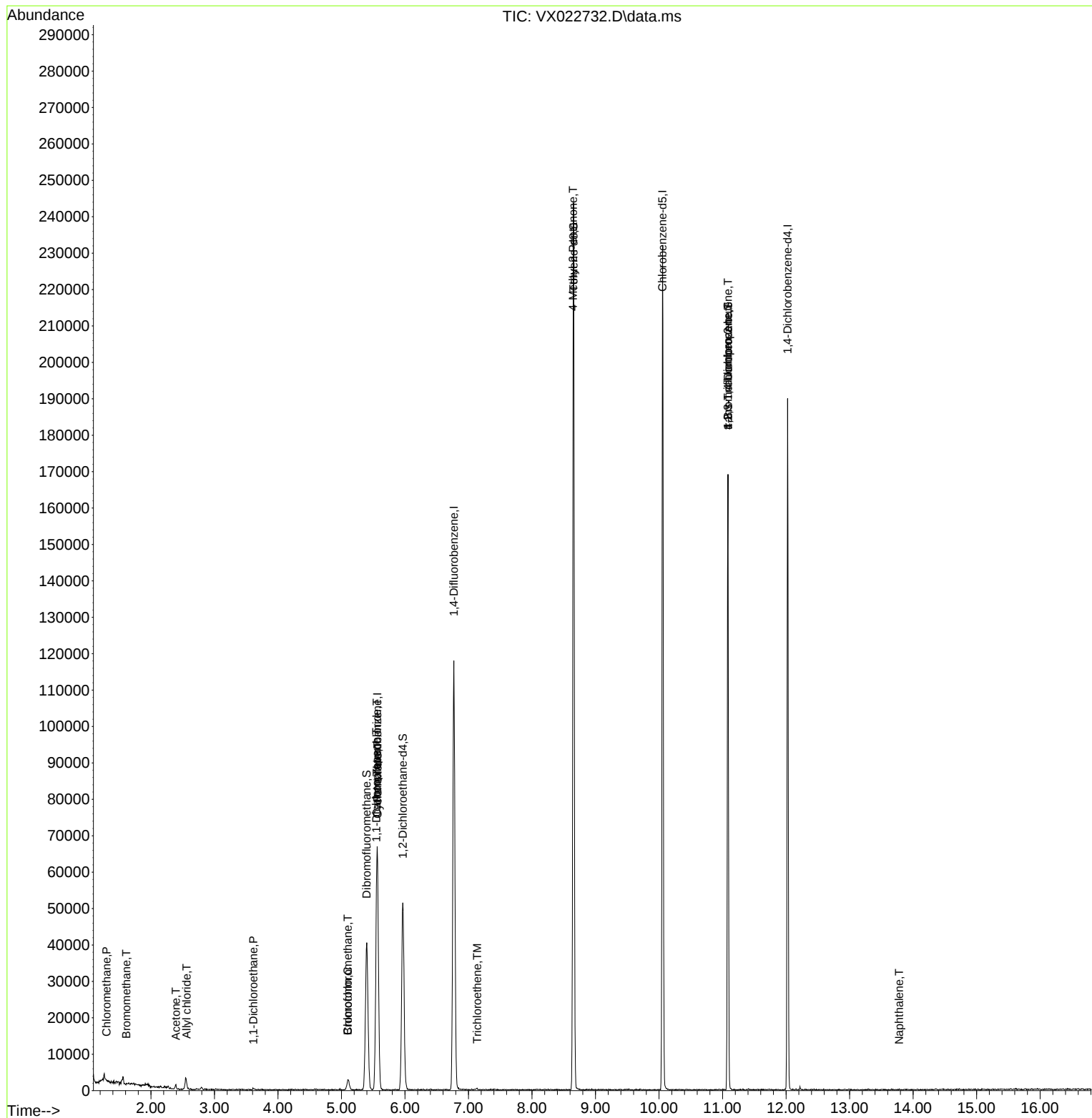
Internal Standards						
1) Pentafluorobenzene	5.562	168	55255	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47324	47.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.24%
35) Dibromofluoromethane	5.397	113	34413	48.23	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.46%
50) Toluene-d8	8.653	98	135779	48.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.54%
62) 4-Bromofluorobenzene	11.085	95	43718	41.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.18%#
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	201	0.26	ug/l	92
5) Bromomethane	1.611	94	97	0.23	ug/l	# 74
14) Allyl chloride	2.562	41	389	0.30	ug/l	# 30
16) Acetone	2.392	43	1225	2.75	ug/l	# 87
24) 1,1-Dichloroethane	3.611	63	474	0.32	ug/l	# 81
28) Bromochloromethane	5.099	49	170	0.24	ug/l	# 9
30) Chloroform	5.099	83	3111	2.10	ug/l	92
31) Cyclohexane	5.568	56	1672	1.39	ug/l	# 42
36) 1,1-Dichloropropene	5.550	75	5679	5.10	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6616	6.94	ug/l	# 18
44) Trichloroethene	7.135	130	200	0.26	ug/l	49
51) 4-Methyl-2-Pentanone	8.647	43	709	0.50	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	23874	26.75	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	23874	66.94	ug/l	# 12
95) Naphthalene	13.780	128	52	1.49	ug/l	# 69

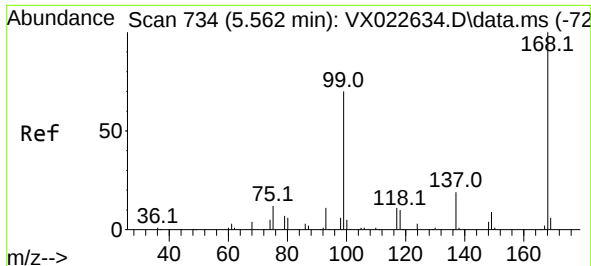
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

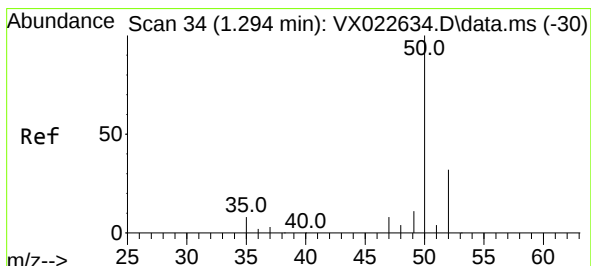
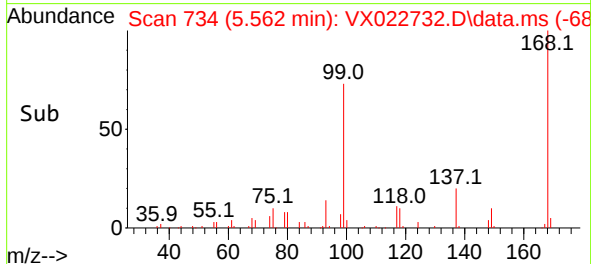
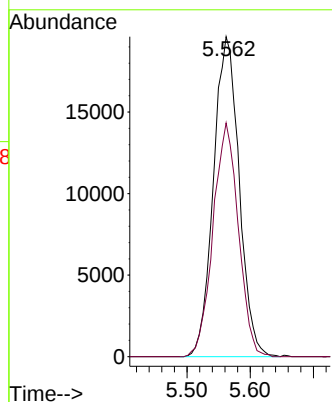
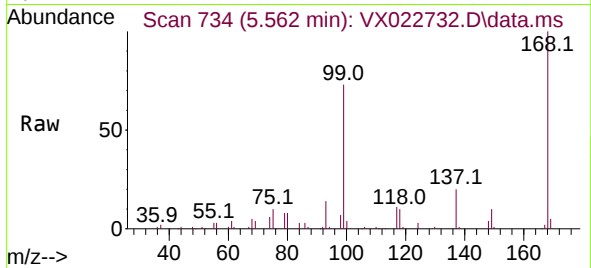




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

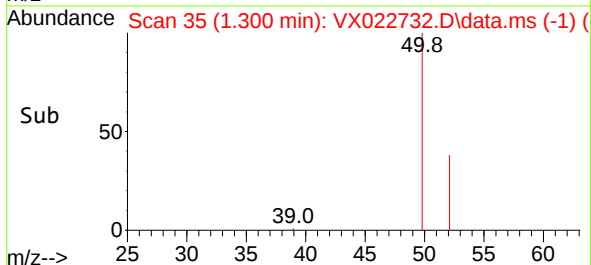
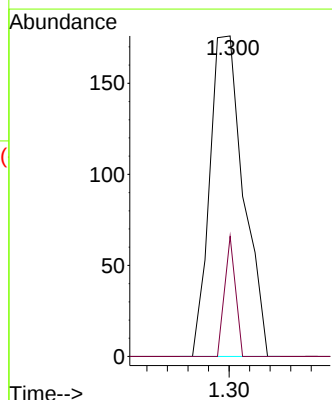
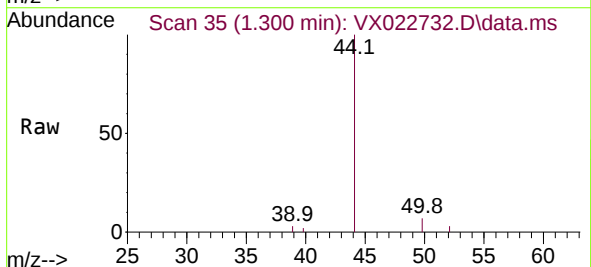
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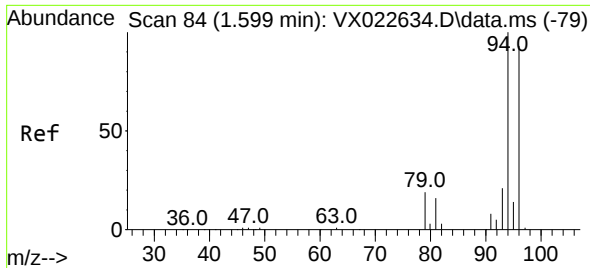
Tgt Ion:168 Resp: 55255
Ion Ratio Lower Upper
168 100
99 73.1 45.8 68.6#



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 50 Resp: 201
Ion Ratio Lower Upper
50 100
52 37.5 26.4 39.6

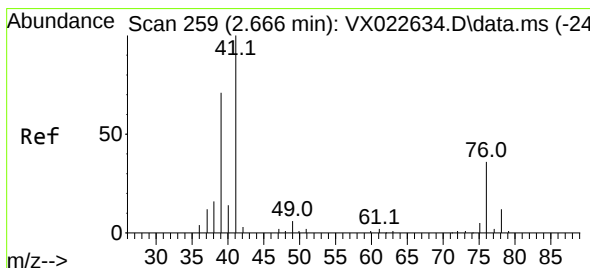
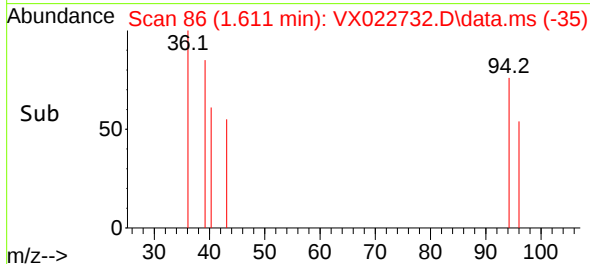
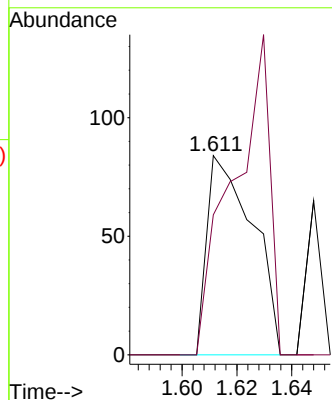
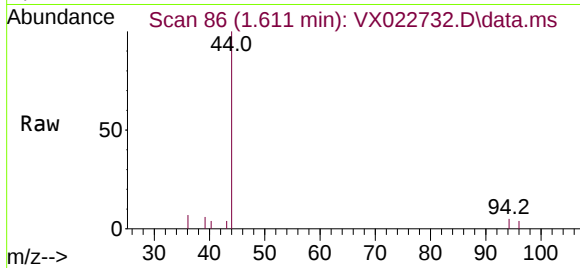




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

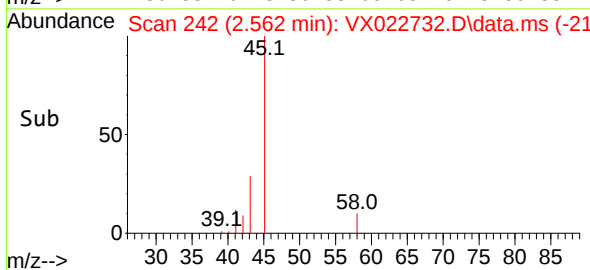
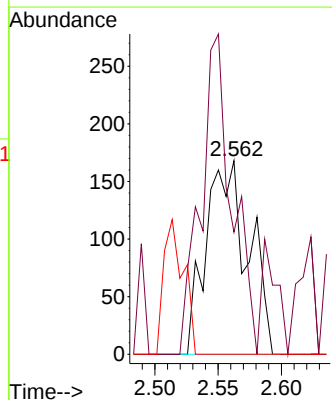
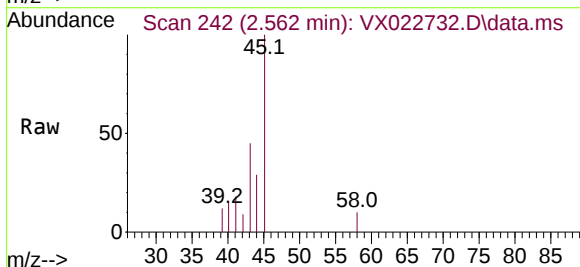
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

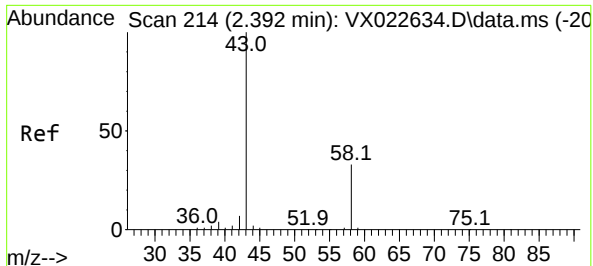
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 70.2 76.4 114.6#



#14
Allyl chloride
Concen: 0.30 ug/l
RT: 2.562 min Scan# 242
Delta R.T. -0.104 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 41 Resp: 389
Ion Ratio Lower Upper
41 100
39 122.4 51.6 77.4#
76 0.0 30.5 45.7#

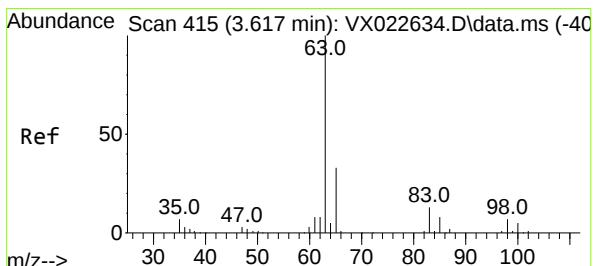
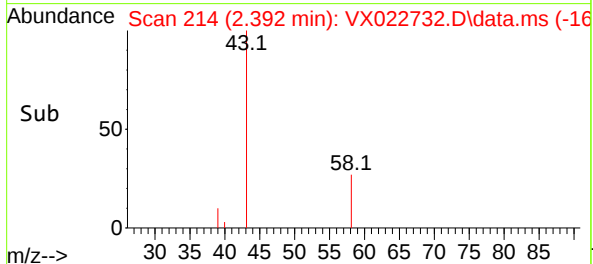
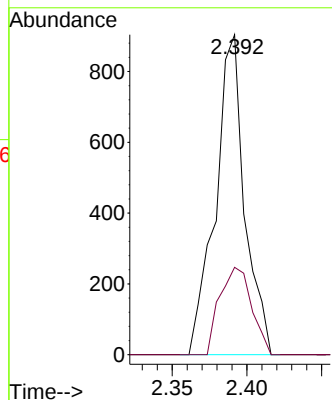
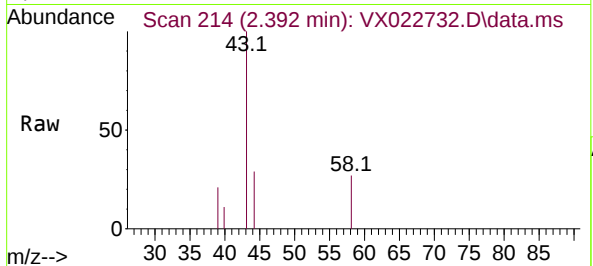




#16
Acetone
Concen: 2.75 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

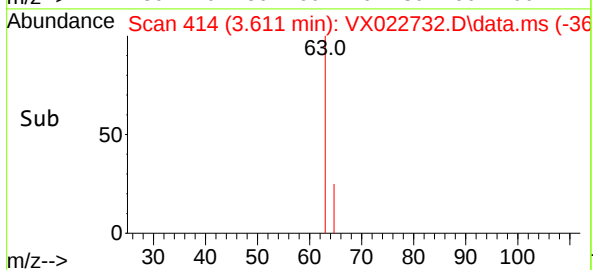
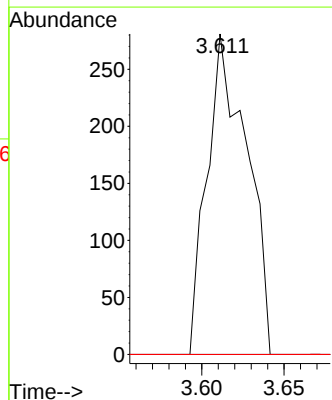
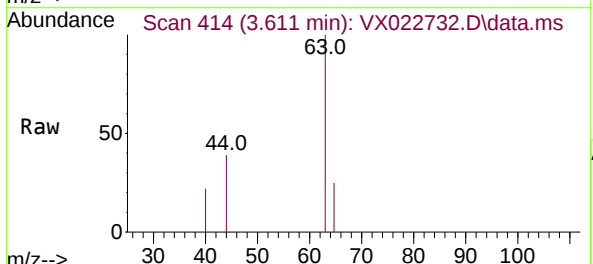
Instrument :
MSVOA_X
ClientSampleId :
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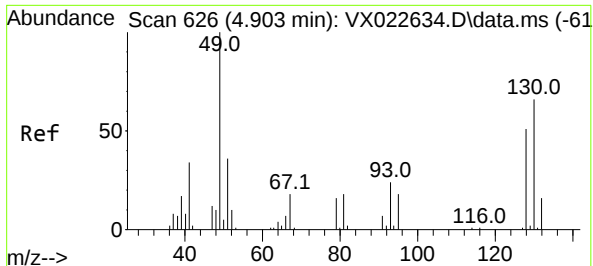
Tgt Ion: 43 Resp: 1225
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#24
1,1-Dichloroethane
Concen: 0.32 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 63 Resp: 474
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#

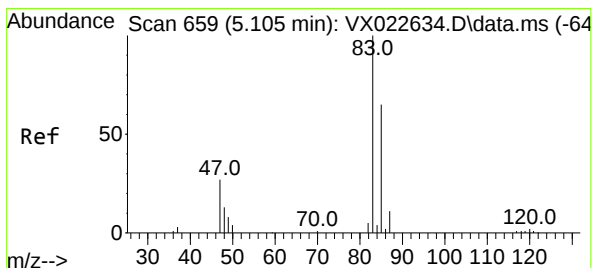
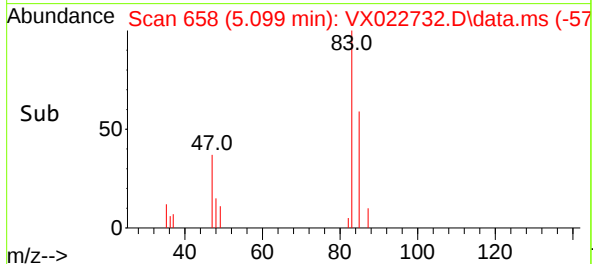
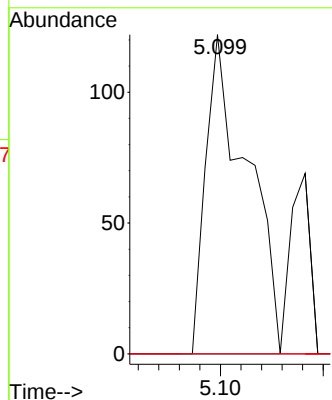
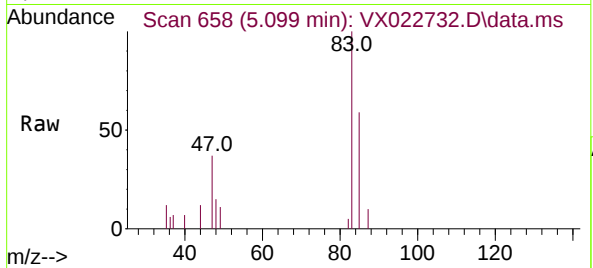




#28
Bromochloromethane
Concen: 0.24 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.195 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

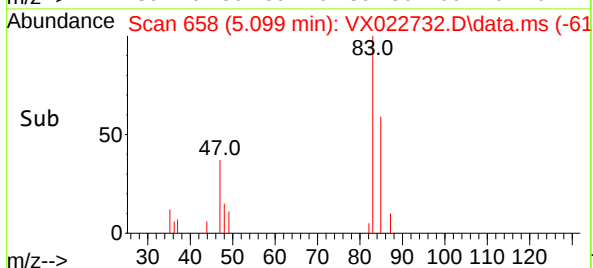
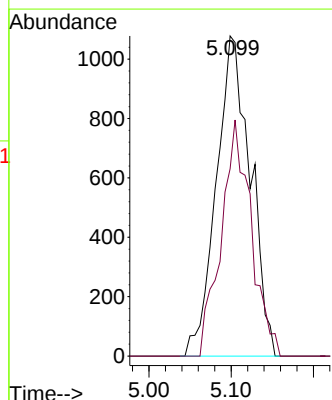
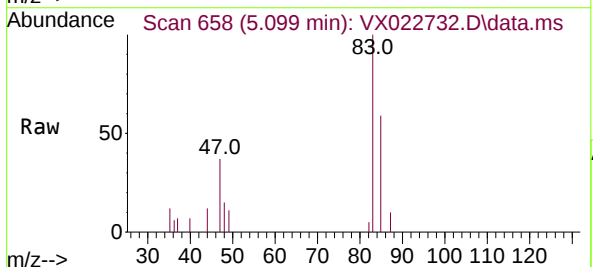
Instrument :
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ClientSampleId :
RE135D1-20210615

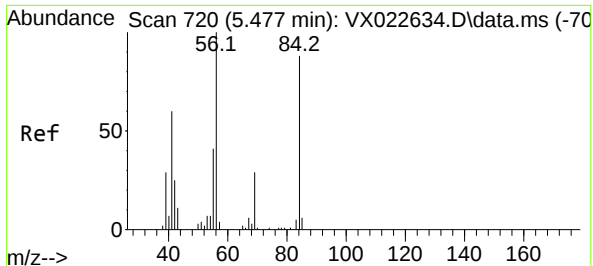
Tgt Ion: 49 Resp: 170
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.10 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 83 Resp: 3111
Ion Ratio Lower Upper
83 100
85 58.5 52.0 78.0

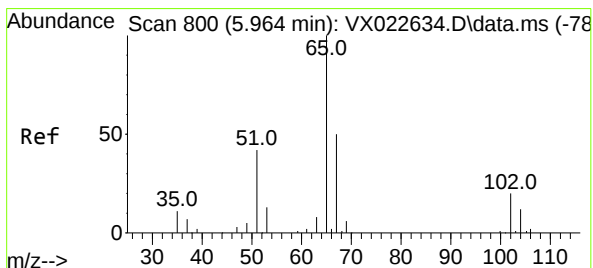
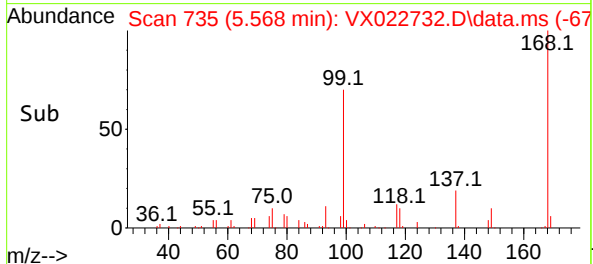
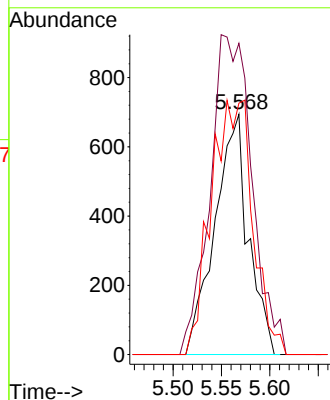
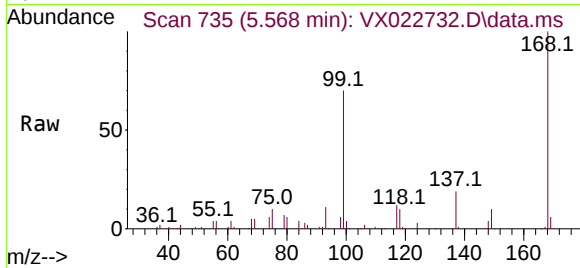




#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

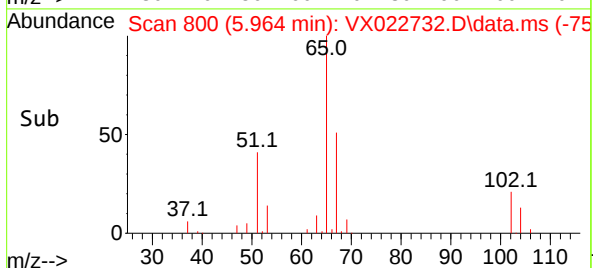
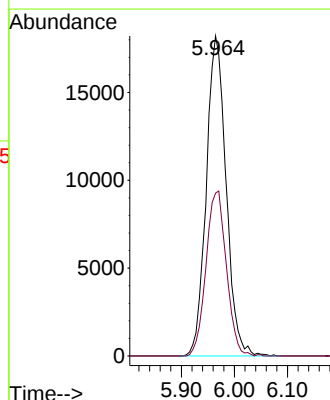
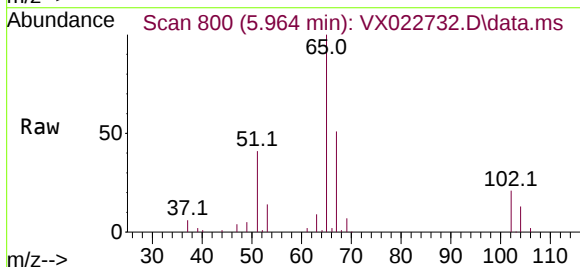
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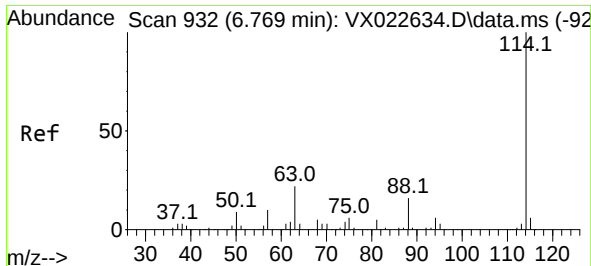
Tgt Ion: 56 Resp: 1672
Ion Ratio Lower Upper
56 100
69 129.5 25.3 37.9#
84 104.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.62 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 65 Resp: 47324
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

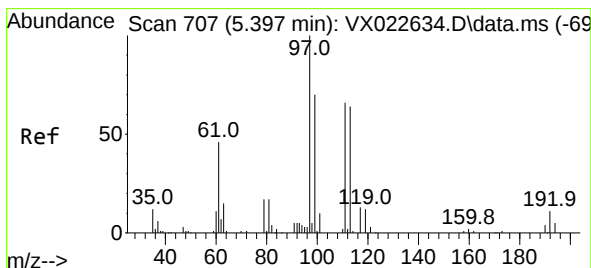
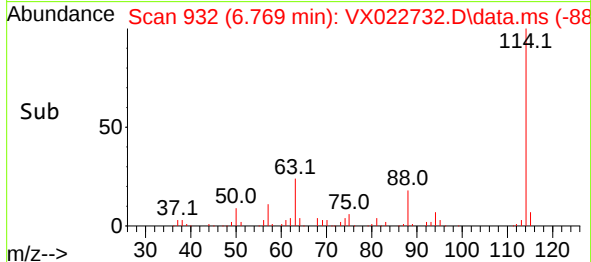
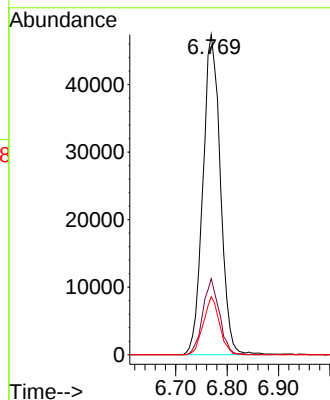
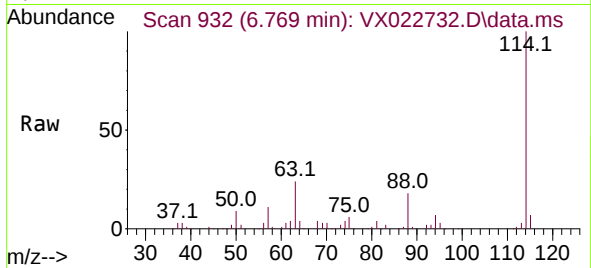




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

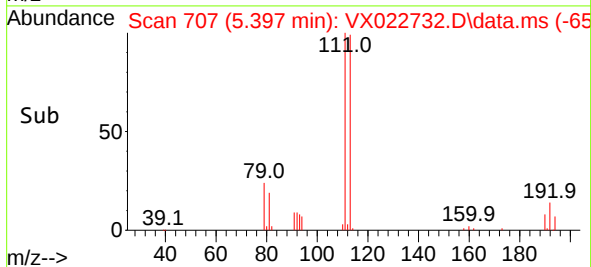
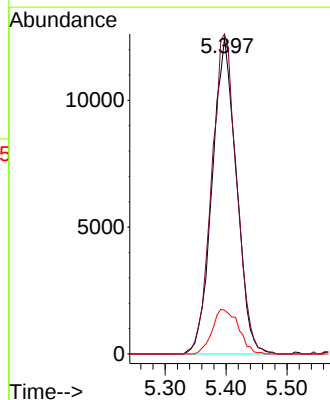
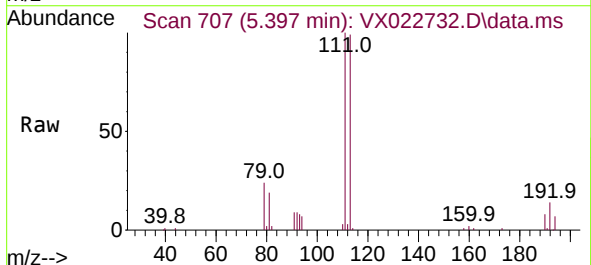
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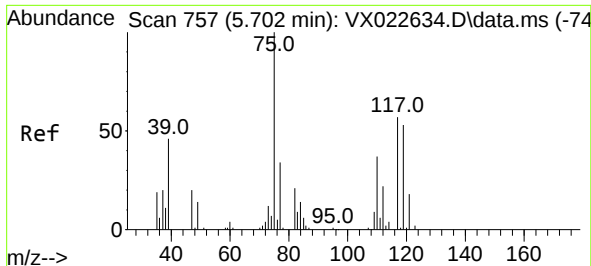
Tgt Ion:114 Resp: 111841
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion:113 Resp: 34413
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 15.3 16.7 25.1#

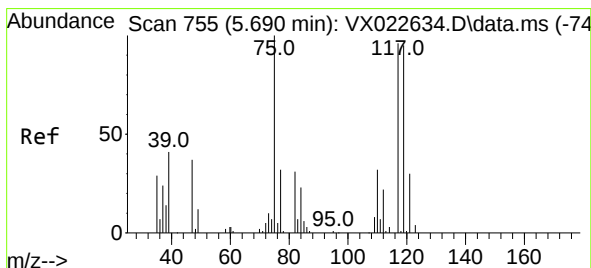
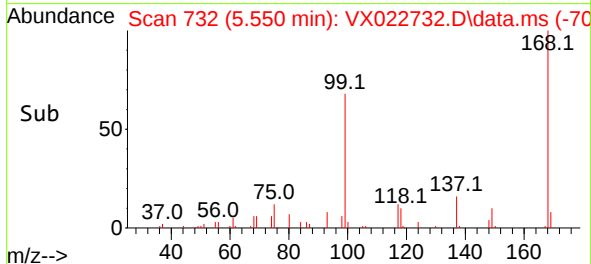
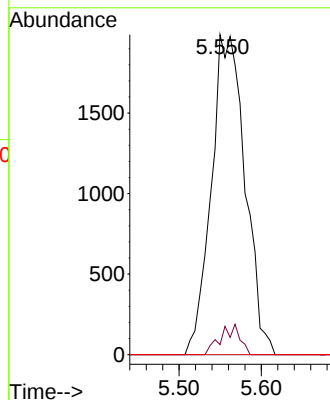
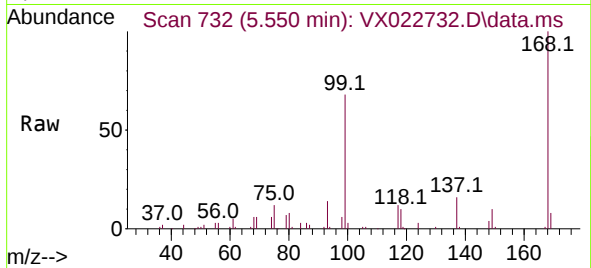




#36
1,1-Dichloropropene
Concen: 5.10 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

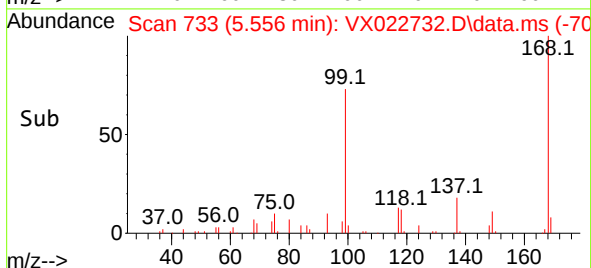
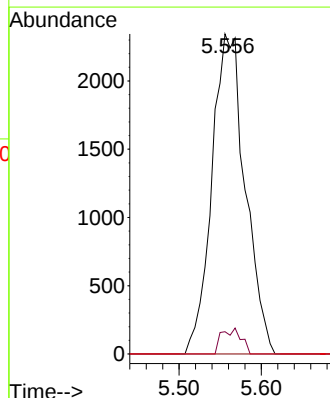
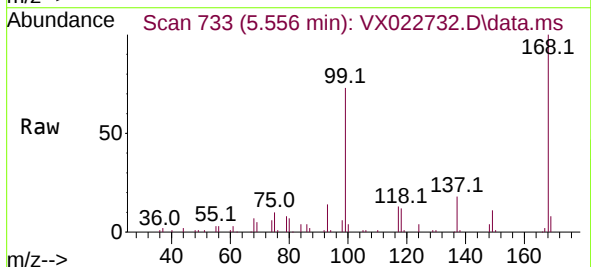
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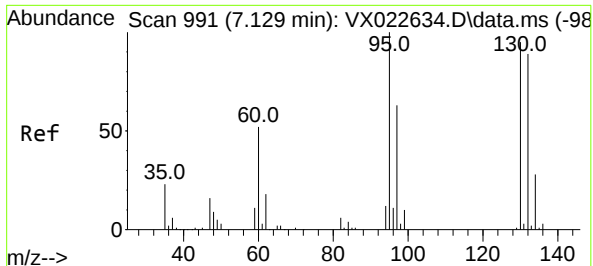
Tgt Ion: 75 Resp: 5679
Ion Ratio Lower Upper
75 100
110 5.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.94 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 117 Resp: 6616
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

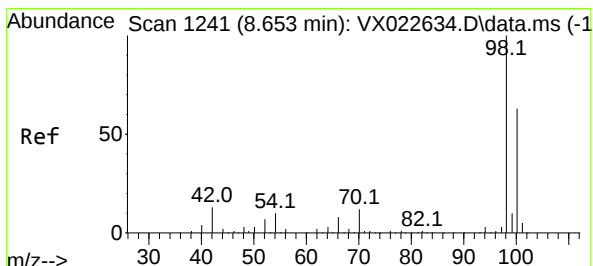
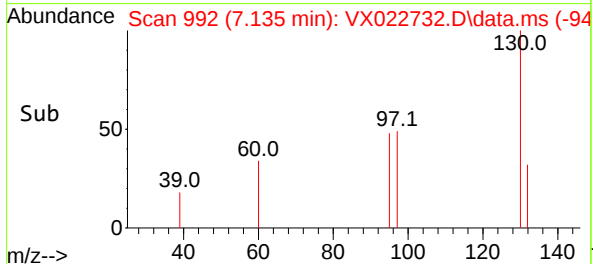
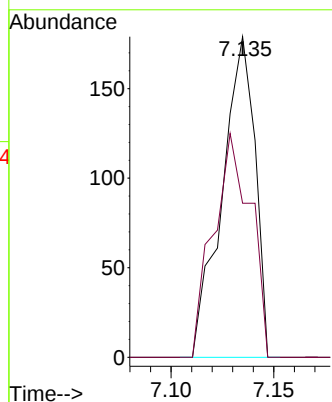
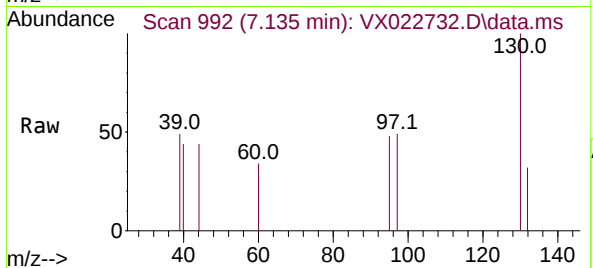




#44
Trichloroethene
Concen: 0.26 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

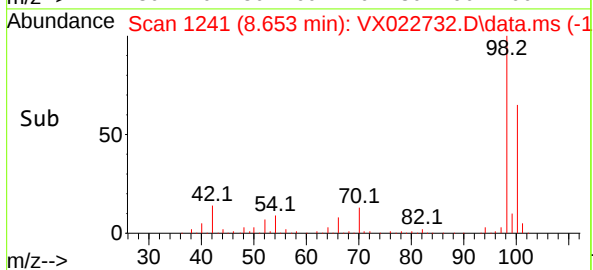
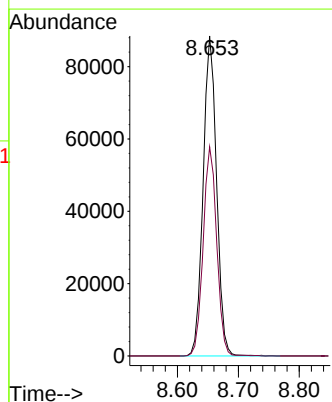
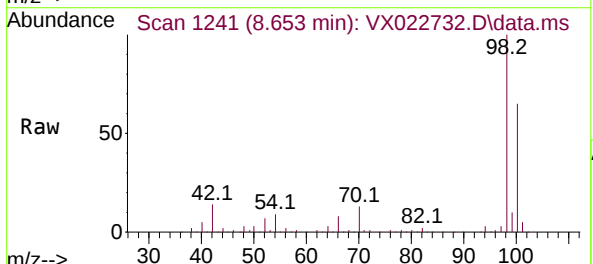
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

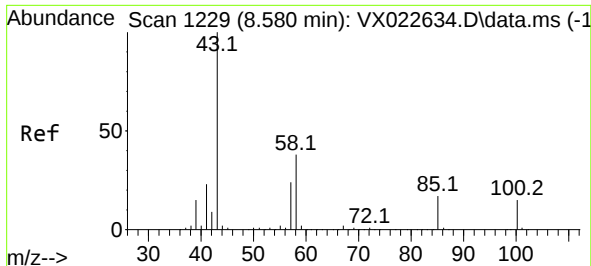
Tgt Ion:130 Resp: 200
Ion Ratio Lower Upper
130 100
95 48.0 0.0 198.0



#50
Toluene-d8
Concen: 48.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 98 Resp: 135779
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

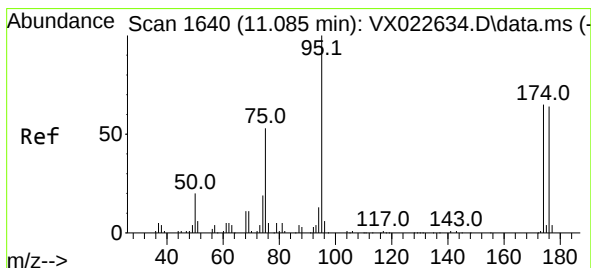
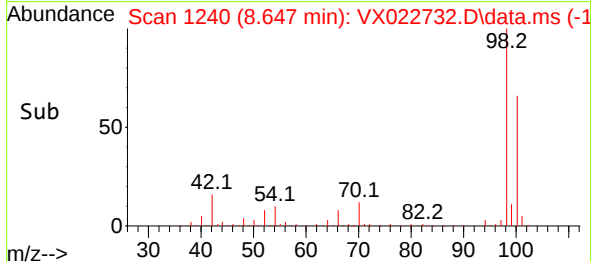
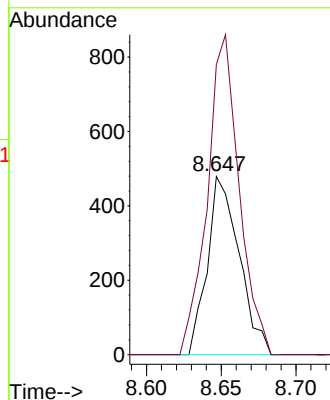
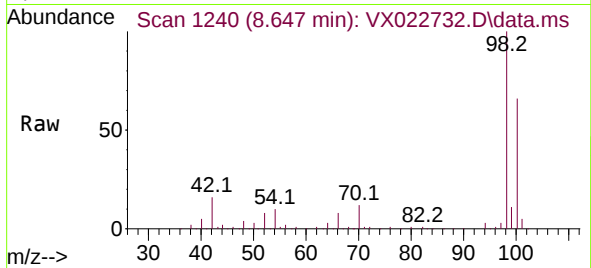




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

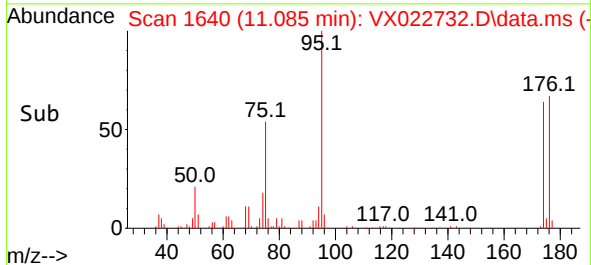
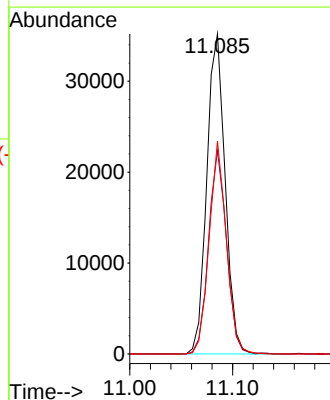
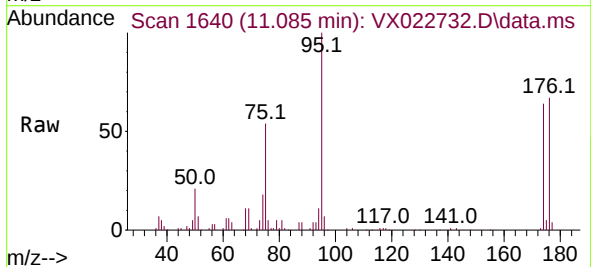
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

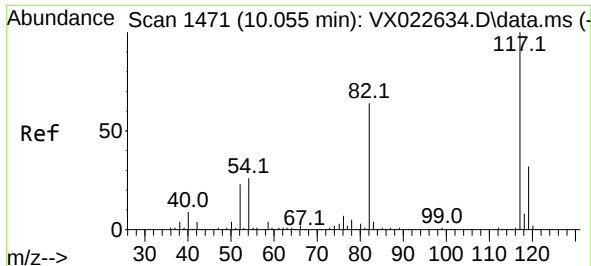
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 179.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 41.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 95 Resp: 43718
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 62.3 0.0 155.8

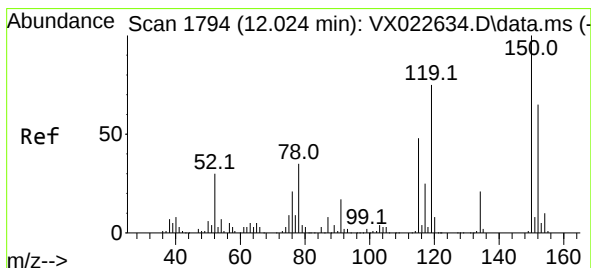
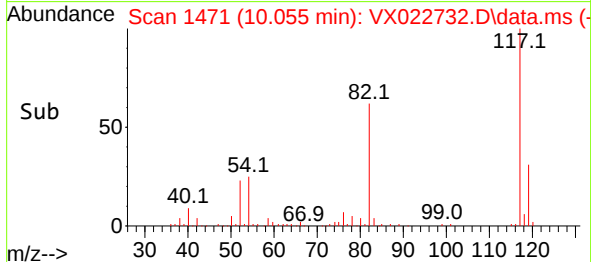
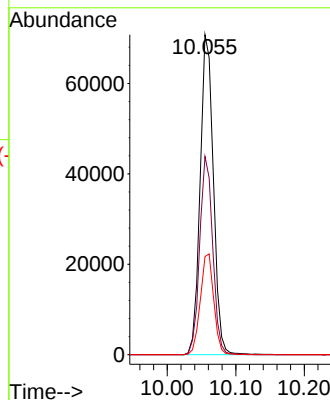
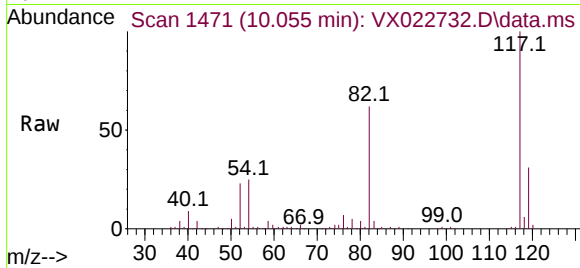




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

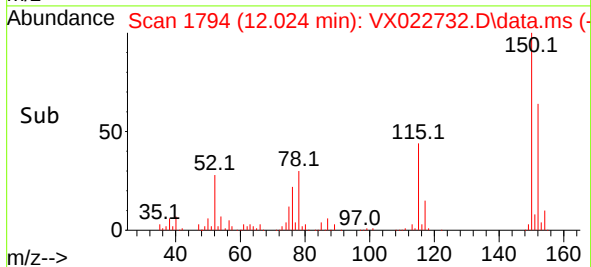
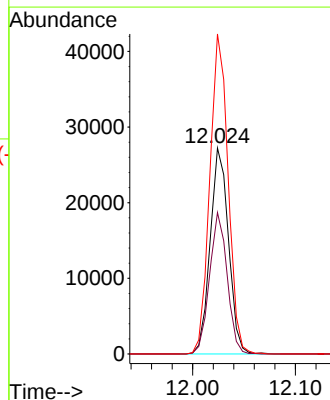
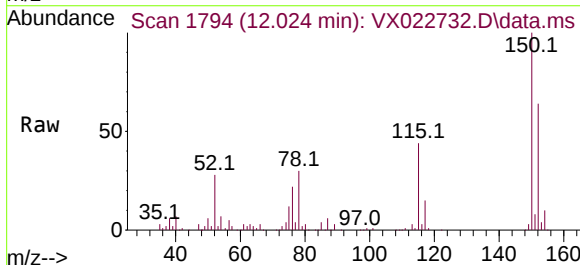
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

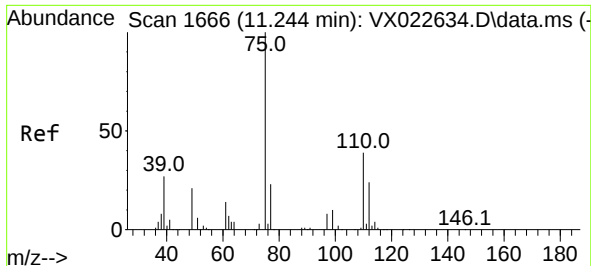
Tgt Ion:	117	Resp:	95279
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	30.7	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion:	152	Resp:	33660
Ion	Ratio	Lower	Upper
152	100		
115	66.0	41.1	123.3
150	155.1	0.0	349.0

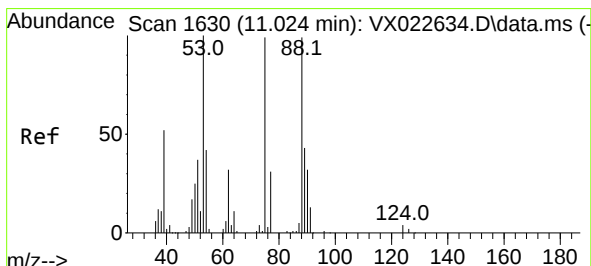
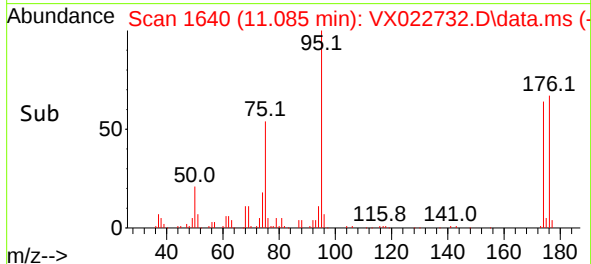
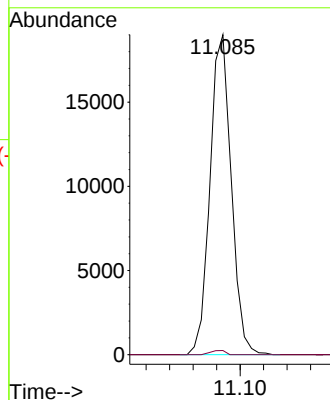
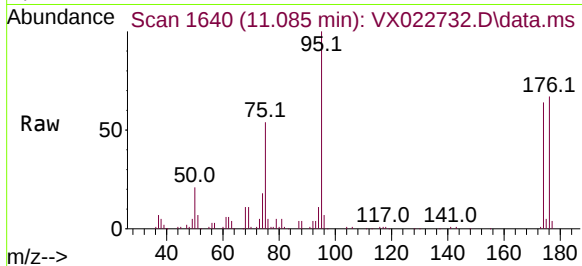




#76
1,2,3-Trichloropropane
Concen: 26.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

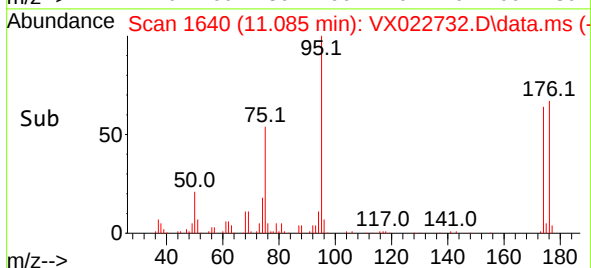
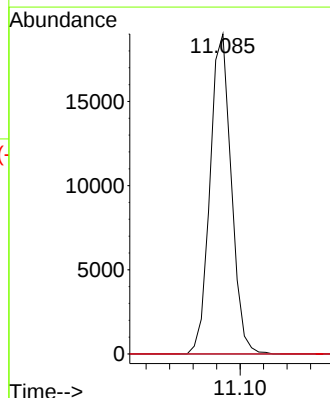
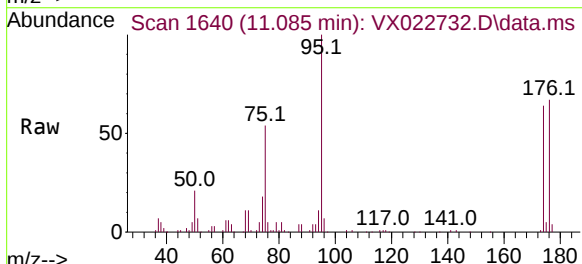
Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

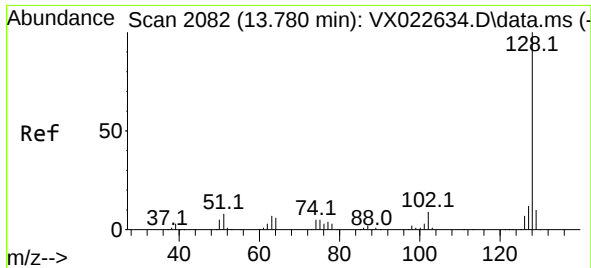
Tgt Ion: 75 Resp: 23874
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Tgt Ion: 75 Resp: 23874
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.49 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022732.D
Acq: 17 Jun 2021 11:56

Instrument :
MSVOA_X
ClientSampleId :
RE135D1-20210615

Tgt Ion:128 Resp: 52
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

