

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022735.D
 Acq On : 17 Jun 2021 13:06
 Operator : JC/MD
 Sample : M2750-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210616

Quant Time: Jun 18 01:16:43 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)

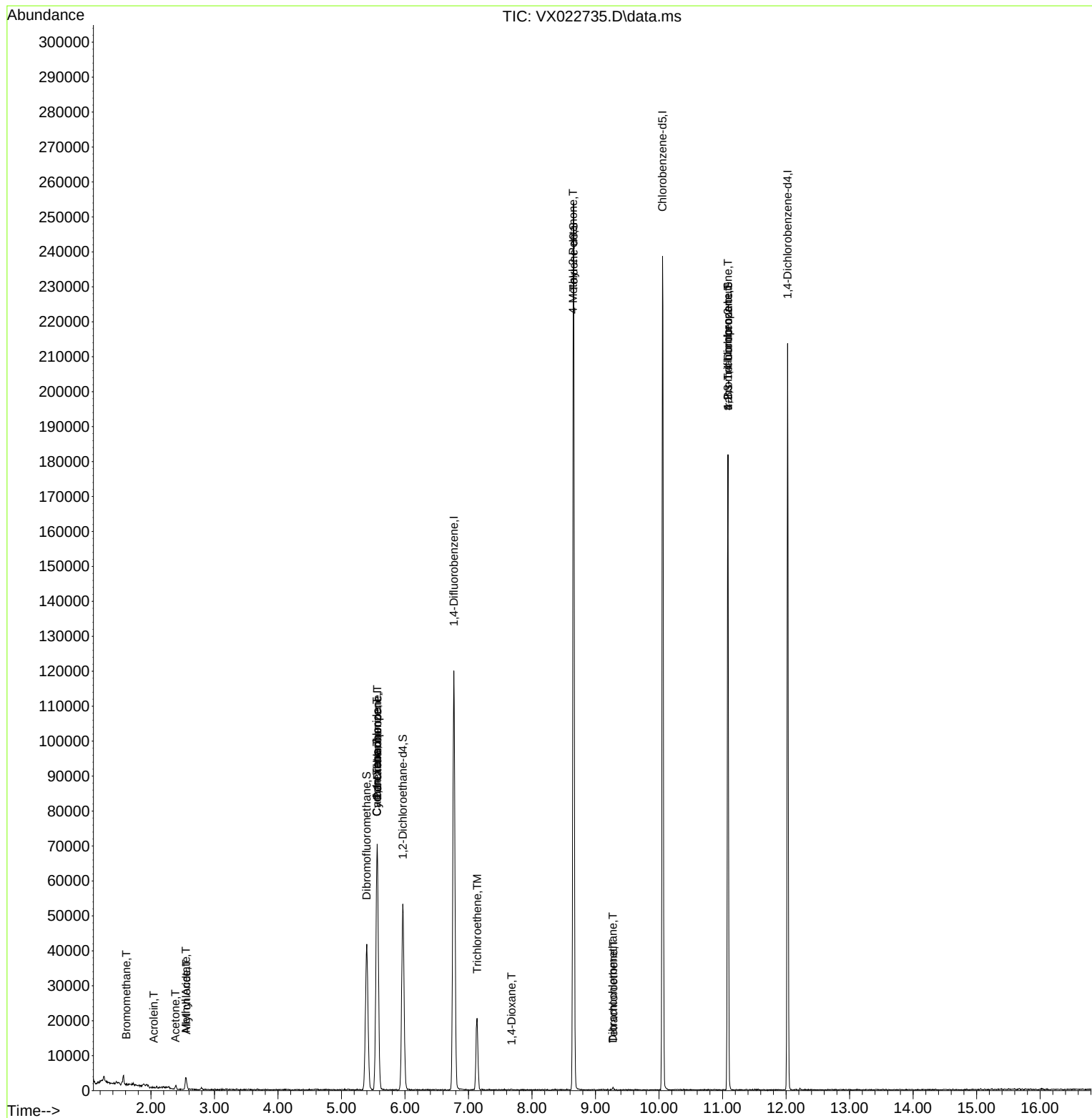
Internal Standards						
1) Pentafluorobenzene	5.562	168	57056	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49014	47.77	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.54%
35) Dibromofluoromethane	5.397	113	35165	47.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.62%
50) Toluene-d8	8.653	98	142584	49.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.36%
62) 4-Bromofluorobenzene	11.085	95	47528	43.34	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.68%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	112	0.26	ug/l	# 61
13) Acrolein	2.044	56	23	0.23	ug/l	# 14
14) Allyl chloride	2.556	41	412	0.31	ug/l	# 8
16) Acetone	2.386	43	946	2.06	ug/l	99
18) Methyl Acetate	2.550	43	1107	0.80	ug/l	# 47
20) Methylene Chloride	2.794	84	219	Below Cal	#	52
31) Cyclohexane	5.556	56	1685	1.36	ug/l	# 62
36) 1,1-Dichloropropene	5.562	75	5814	5.06	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	6650	6.77	ug/l	# 17
44) Trichloroethene	7.135	130	7343	9.15	ug/l	96
49) 1,4-Dioxane	7.677	88	64	3.04	ug/l	# 58
51) 4-Methyl-2-Pentanone	8.647	43	812	0.55	ug/l	# 1
60) Dibromochloromethane	9.275	129	156	3.34	ug/l	# 11
64) Tetrachloroethene	9.281	164	131	0.20	ug/l	# 32
76) 1,2,3-Trichloropropane	11.085	75	26050	25.80	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26050	64.77	ug/l	# 12

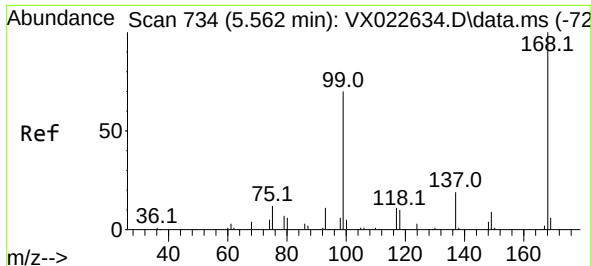
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

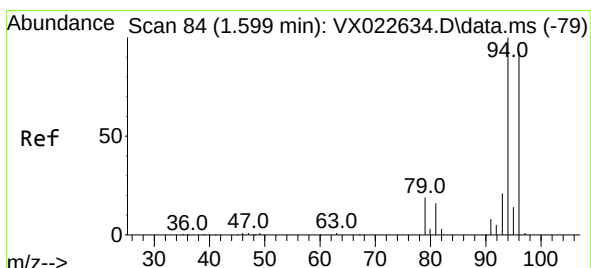
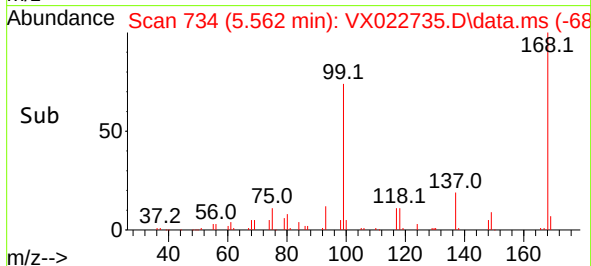
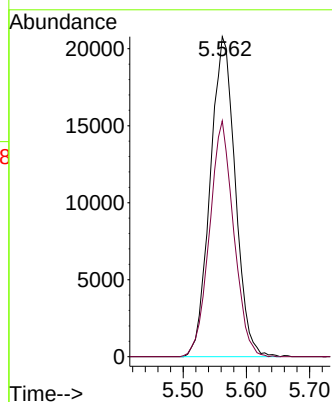
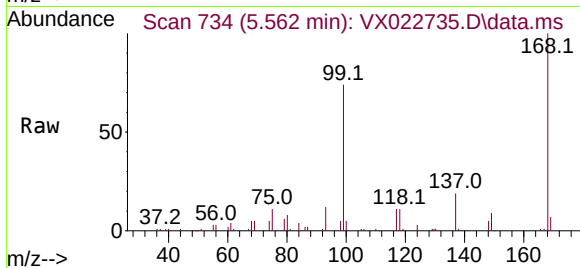




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

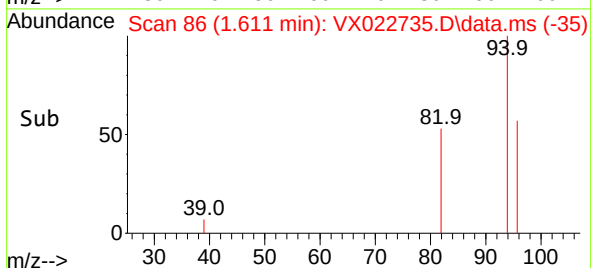
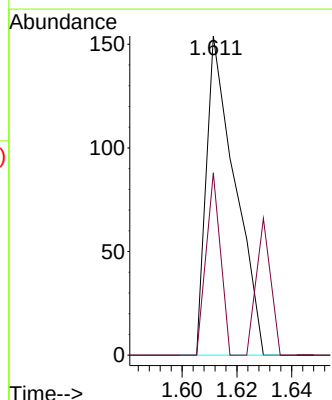
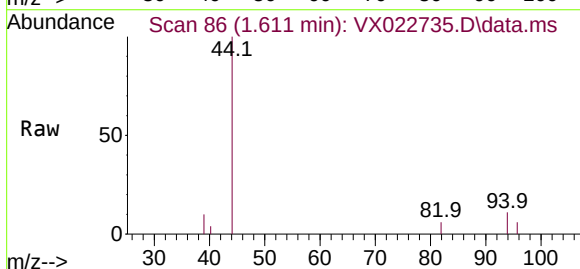
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

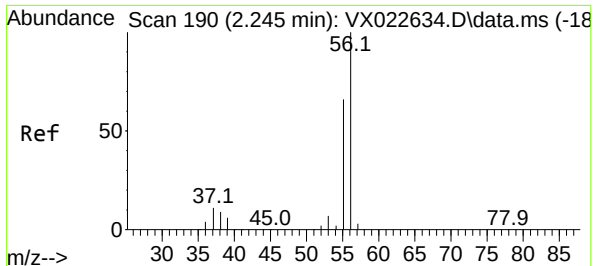
Tgt Ion:168 Resp: 57056
Ion Ratio Lower Upper
168 100
99 73.7 45.8 68.6#



#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 57.1 76.4 114.6#

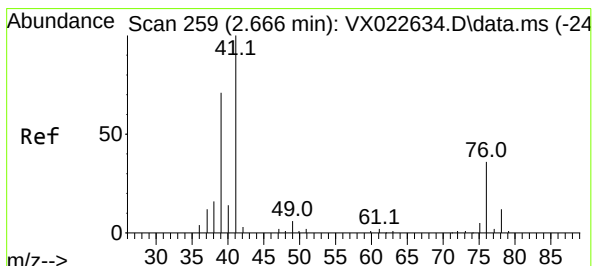
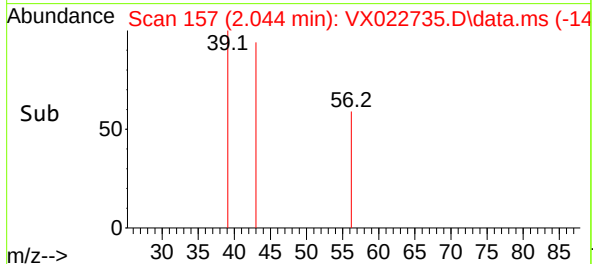
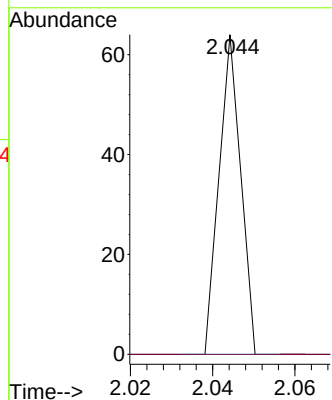
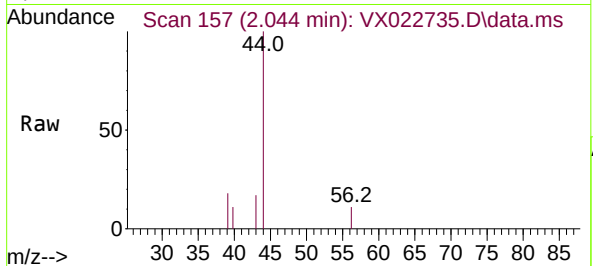




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.044 min Scan# 157
Delta R.T. -0.195 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

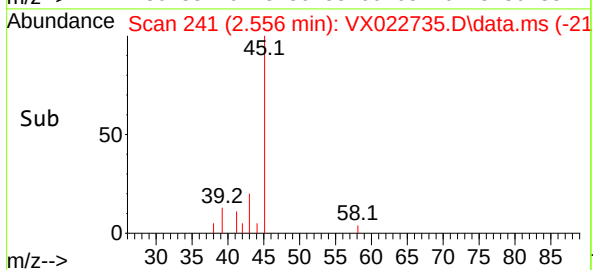
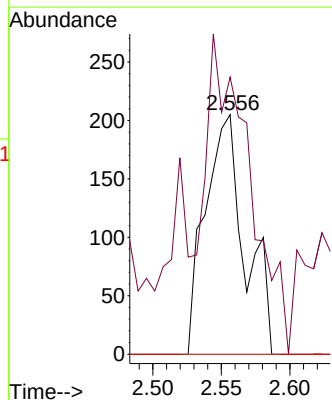
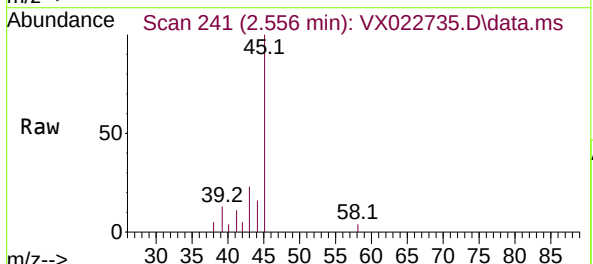
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

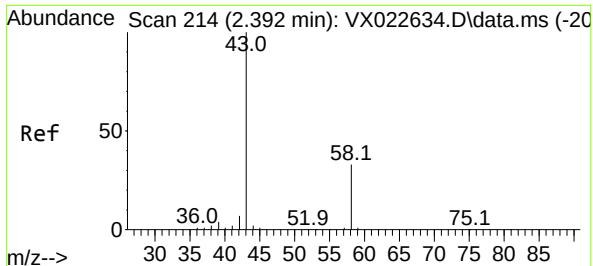
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.31 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion: 41 Resp: 412
Ion Ratio Lower Upper
41 100
39 150.2 51.6 77.4#
76 0.0 30.5 45.7#

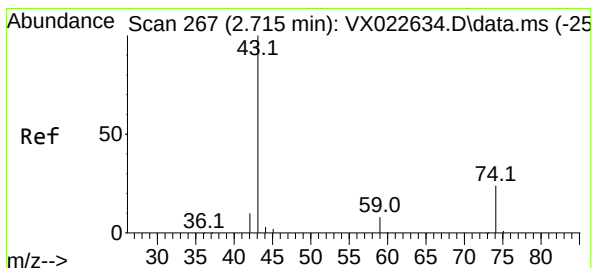
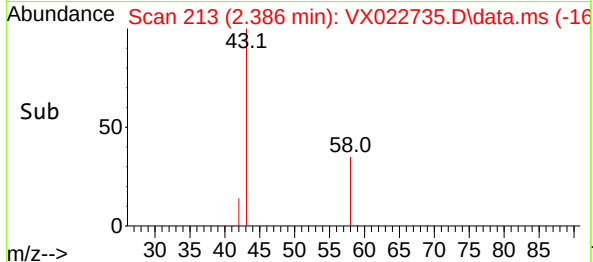
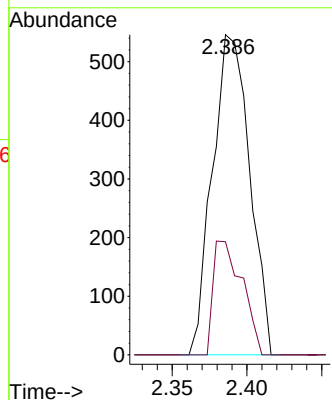
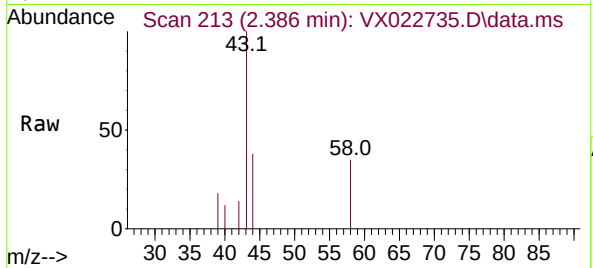




#16
Acetone
Concen: 2.06 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

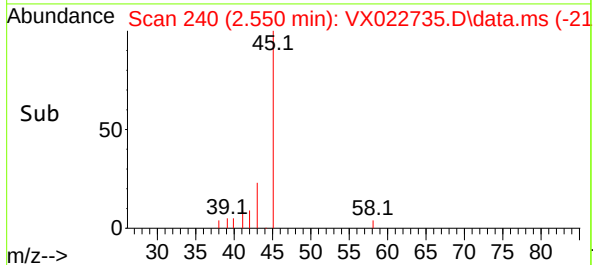
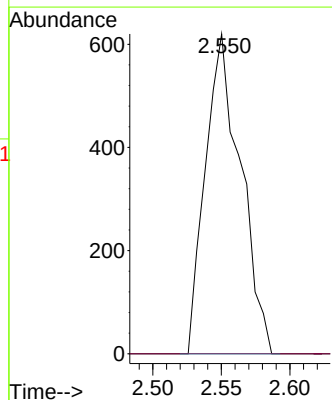
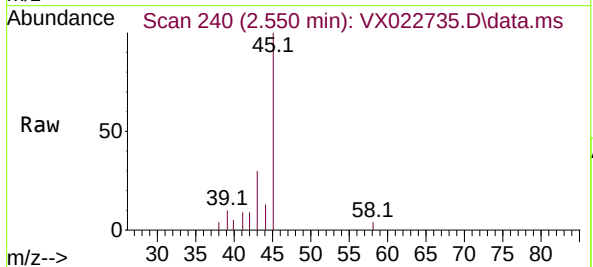
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

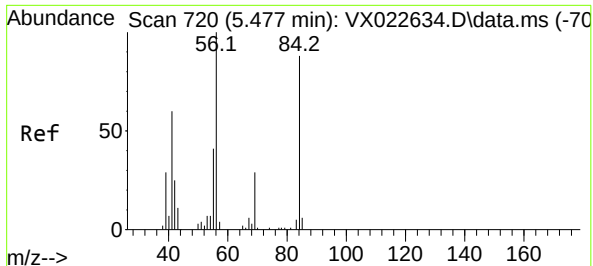
Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



#18
Methyl Acetate
Concen: 0.80 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

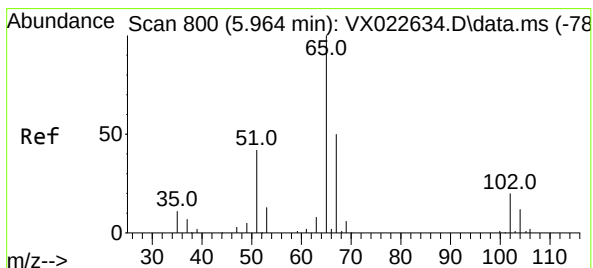
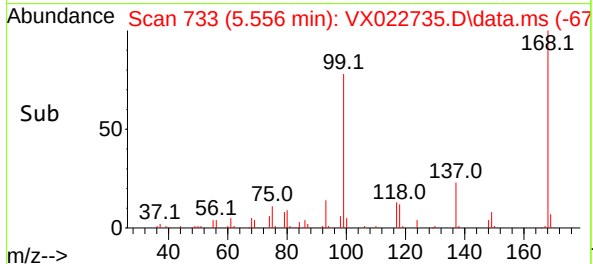
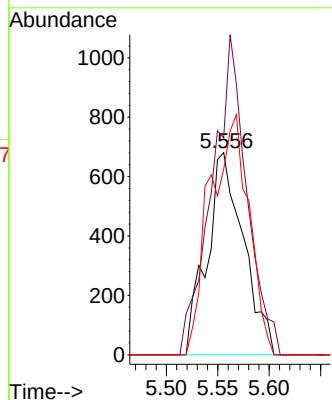
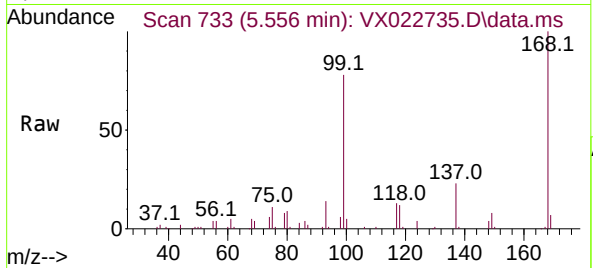




#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

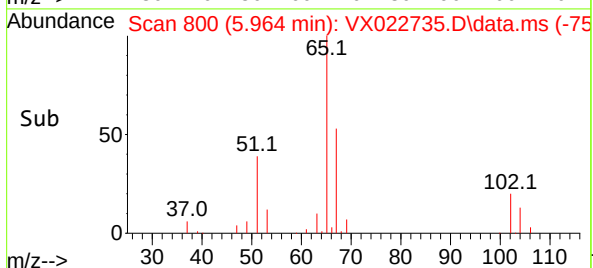
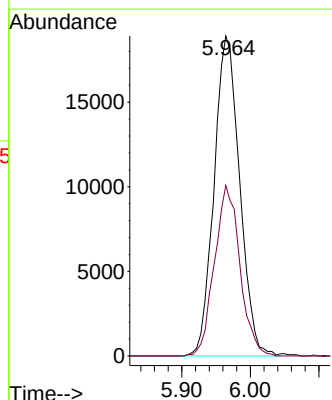
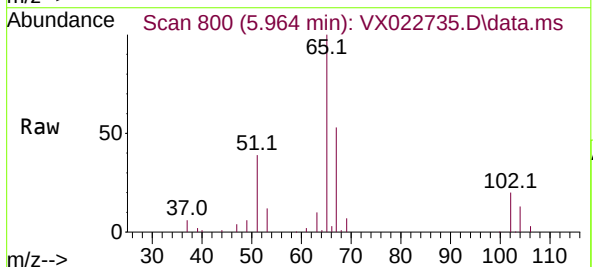
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

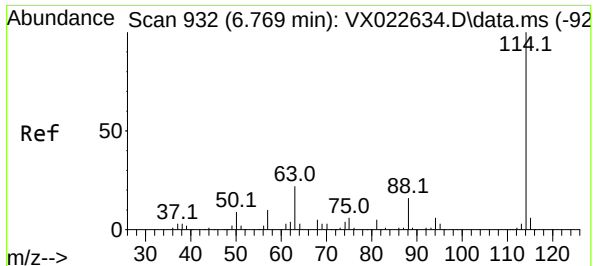
Tgt Ion: 56 Resp: 1685
Ion Ratio Lower Upper
56 100
69 107.3 25.3 37.9#
84 91.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion: 65 Resp: 49014
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

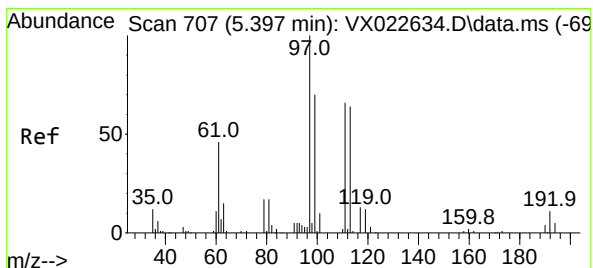
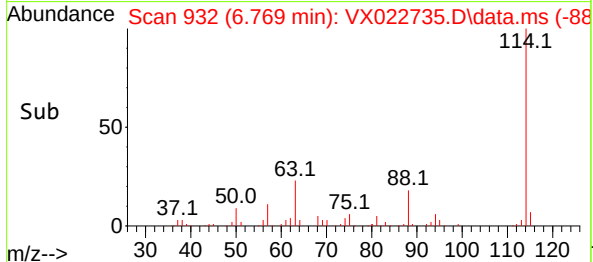
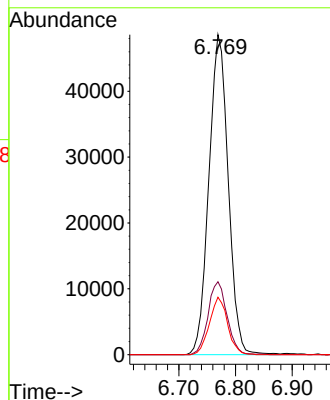
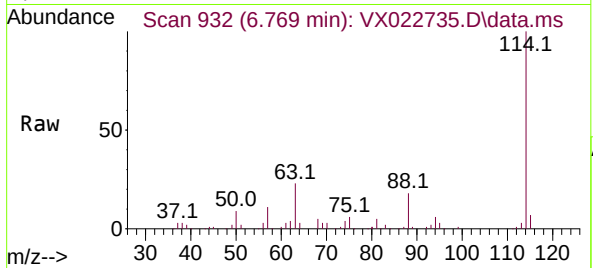




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

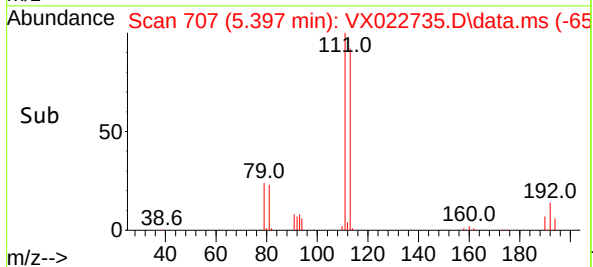
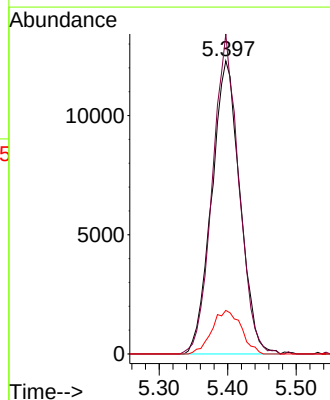
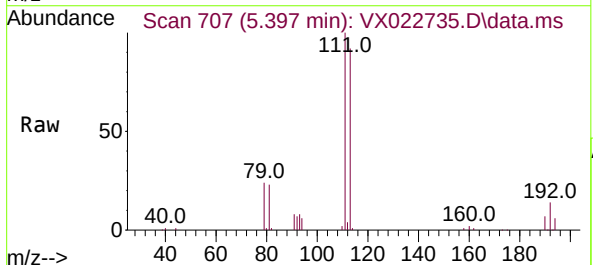
Instrument :
MSVOA_X
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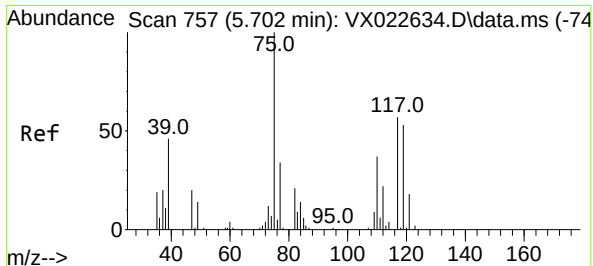
Tgt Ion:114 Resp: 115282
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 18.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion:113 Resp: 35165
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.06 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022735.D

Acq: 17 Jun 2021 13:06

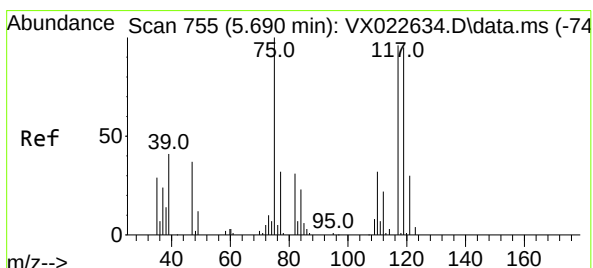
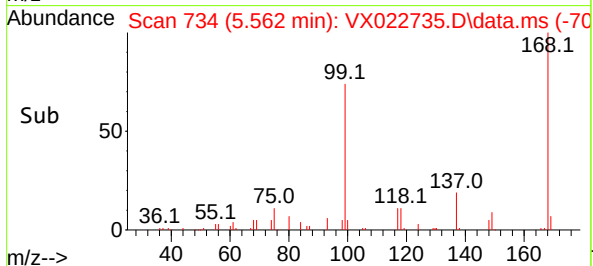
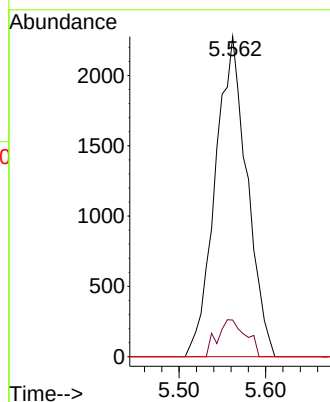
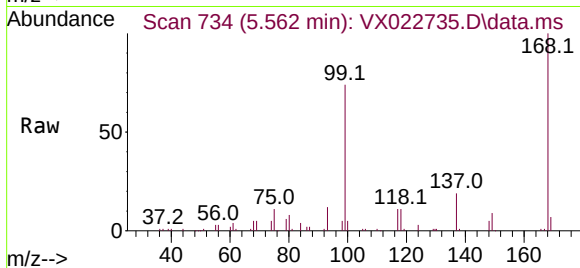
Tgt Ion:	75	Resp:	5814
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20210616



#38

Carbon Tetrachloride

Concen: 6.77 ug/l

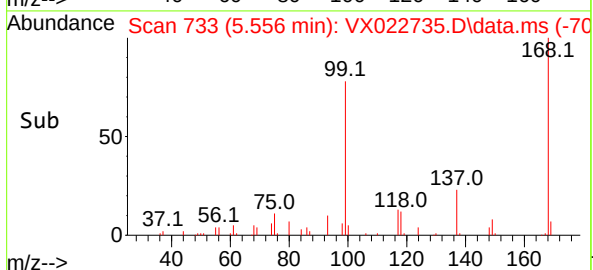
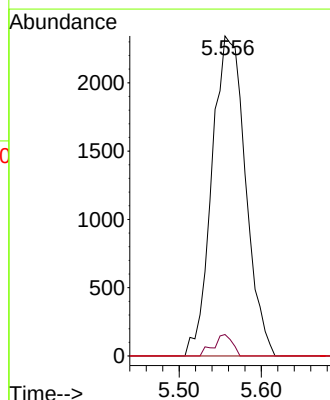
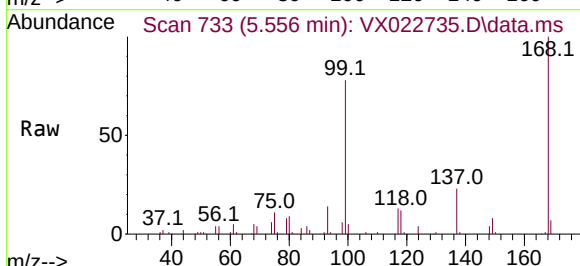
RT: 5.556 min Scan# 733

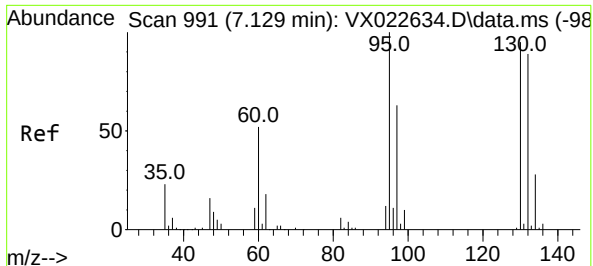
Delta R.T. -0.122 min

Lab File: VX022735.D

Acq: 17 Jun 2021 13:06

Tgt Ion:	117	Resp:	6650
Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 9.15 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022735.D

Acq: 17 Jun 2021 13:06

Tgt Ion:130 Resp: 7343

Ion Ratio Lower Upper

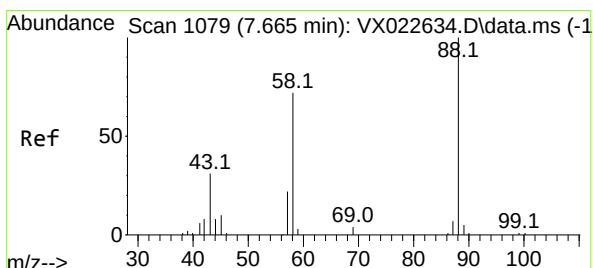
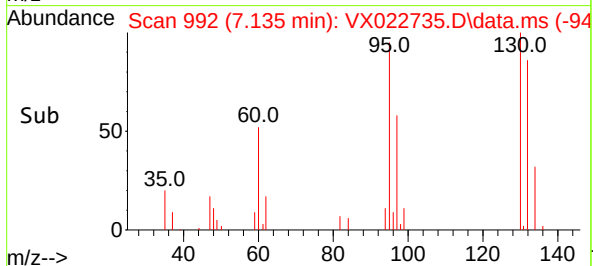
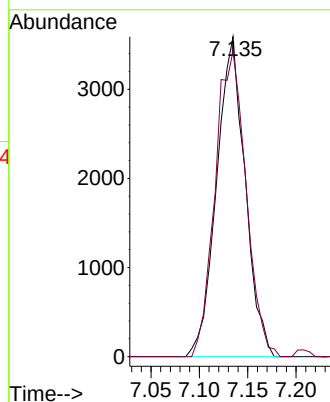
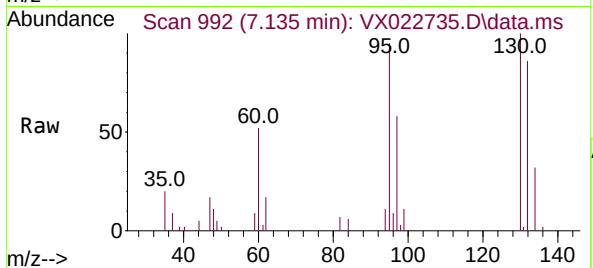
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	198.0

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20210616



#49

1,4-Dioxane

Concen: 3.04 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

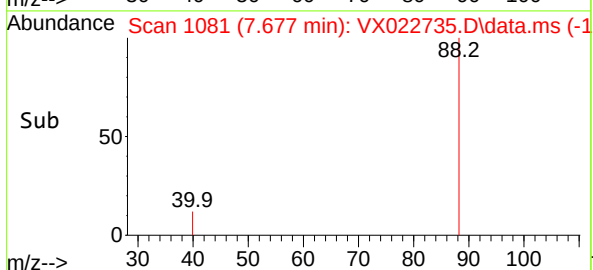
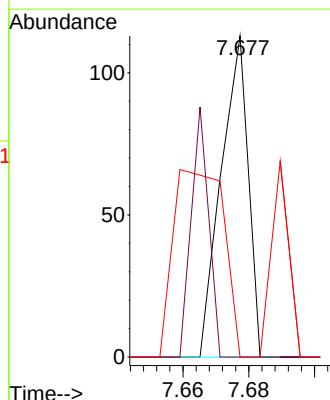
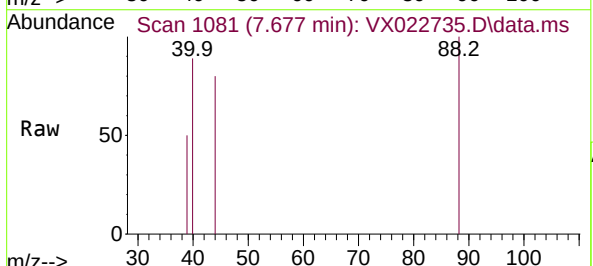
Lab File: VX022735.D

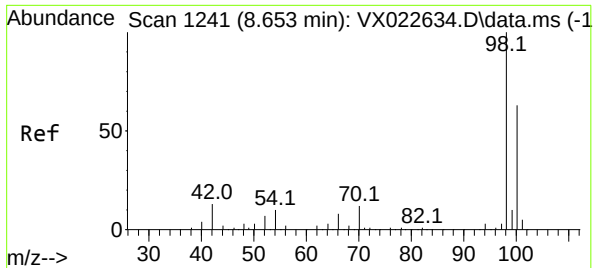
Acq: 17 Jun 2021 13:06

Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	39.1	55.0	82.4#

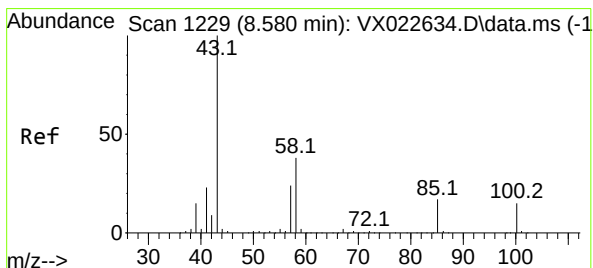
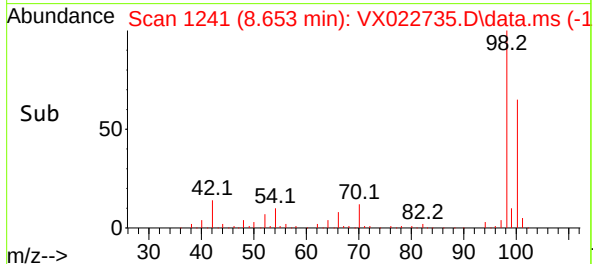
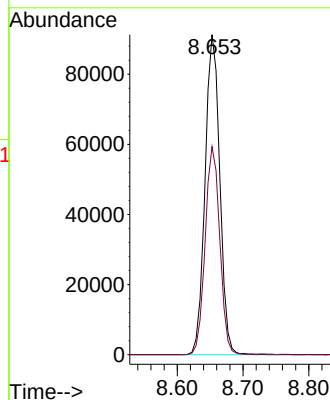
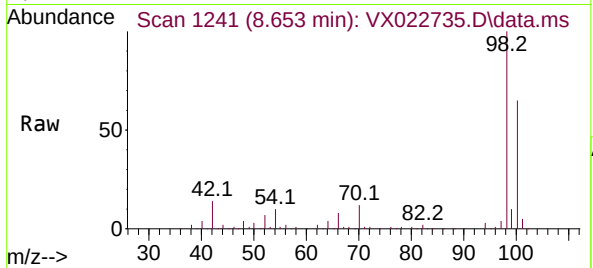




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

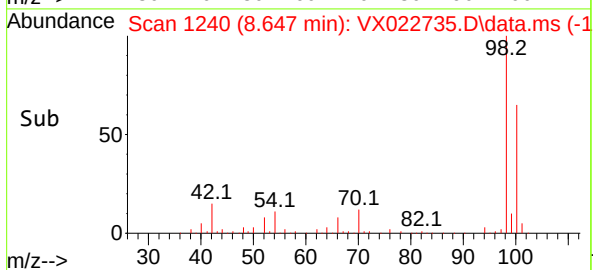
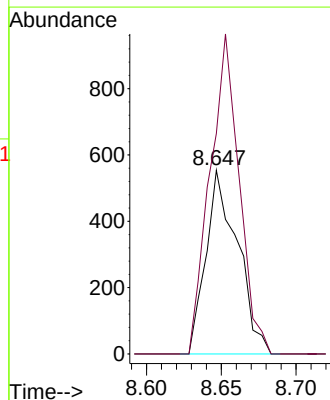
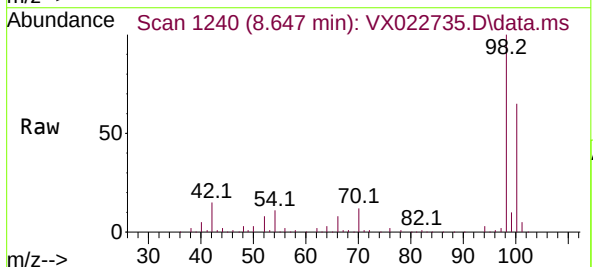
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

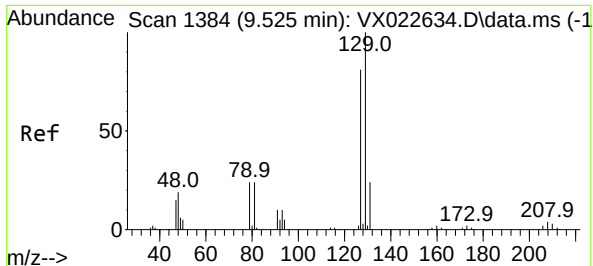
Tgt Ion: 98 Resp: 142584
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 161.7 35.4 53.0#





#60

Dibromochloromethane

Concen: 3.34 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022735.D

Acq: 17 Jun 2021 13:06

Instrument :

MSVOA_X

ClientSampleId :

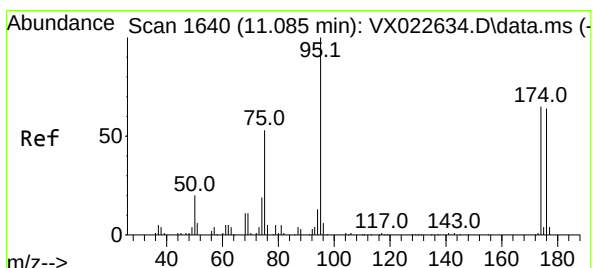
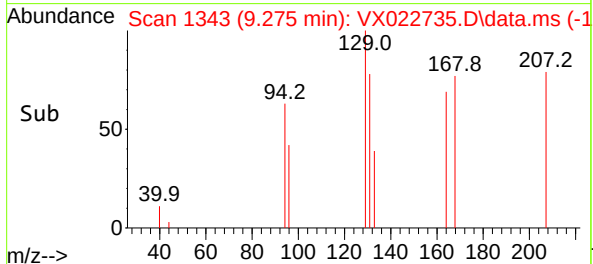
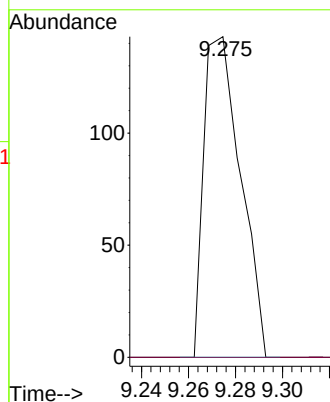
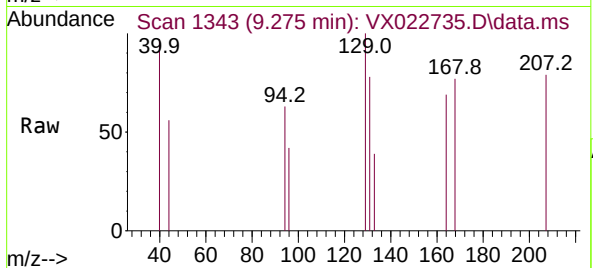
RE123D1-20210616

Tgt Ion:129 Resp: 156

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 43.34 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022735.D

Acq: 17 Jun 2021 13:06

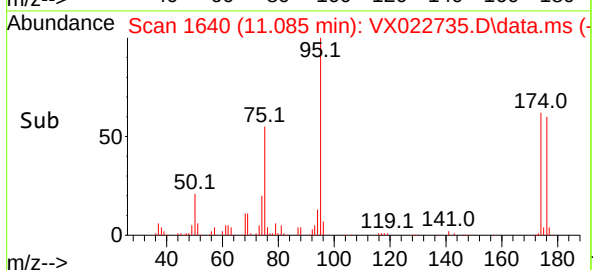
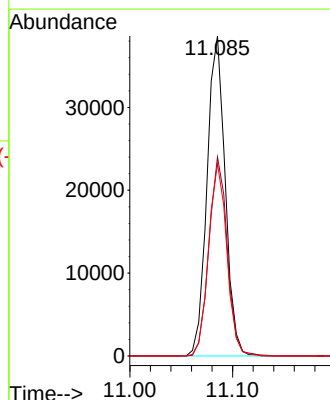
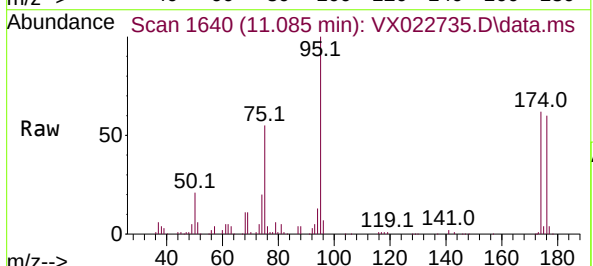
Tgt Ion: 95 Resp: 47528

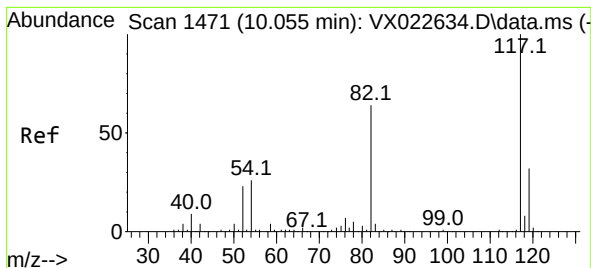
Ion Ratio Lower Upper

95 100

174 62.4 0.0 154.6

176 60.4 0.0 155.8

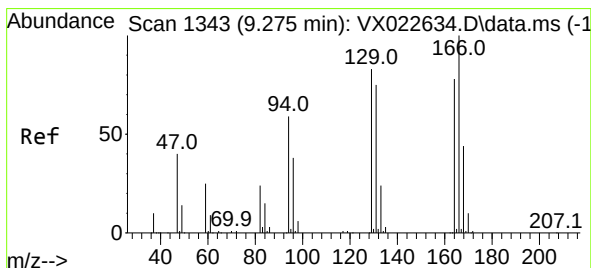
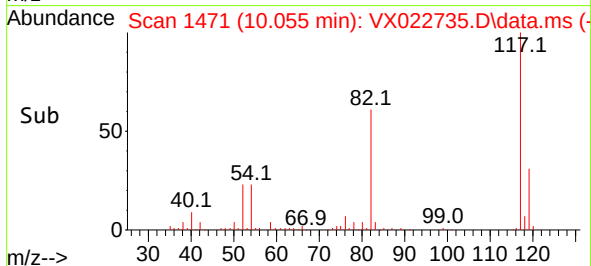
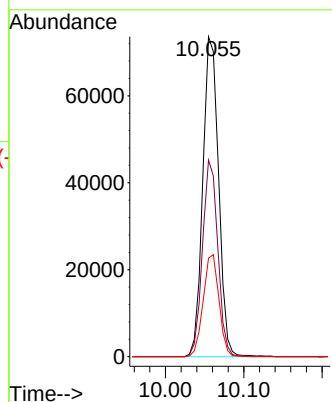
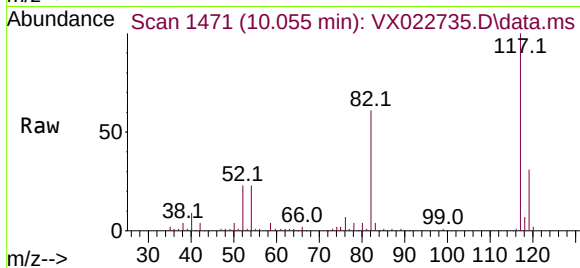




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

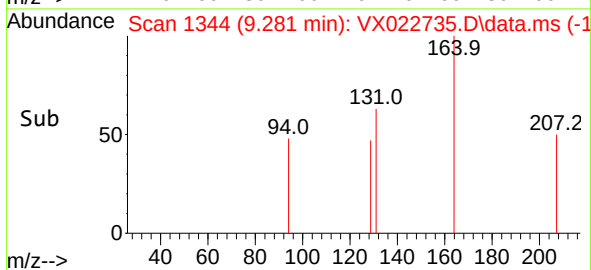
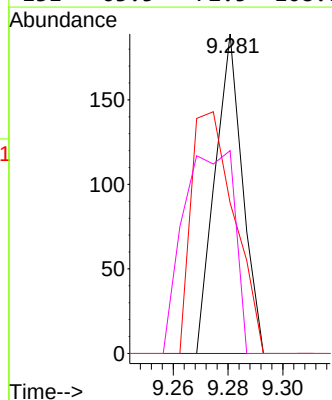
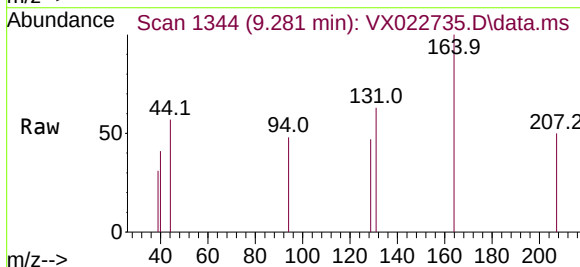
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20210616

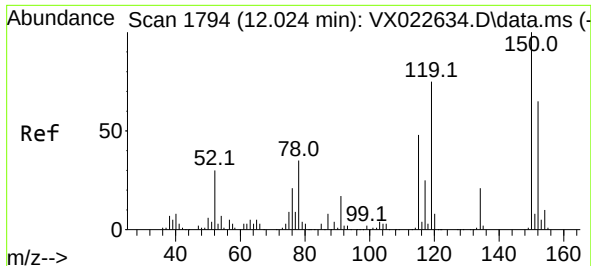
Tgt Ion:117 Resp: 102894
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 30.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.20 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022735.D
Acq: 17 Jun 2021 13:06

Tgt Ion:164 Resp: 131
Ion Ratio Lower Upper
164 100
166 0.0 103.4 155.2#
129 47.1 70.8 106.2#
131 63.5 72.5 108.7#

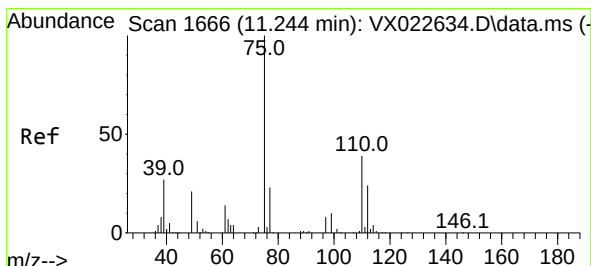
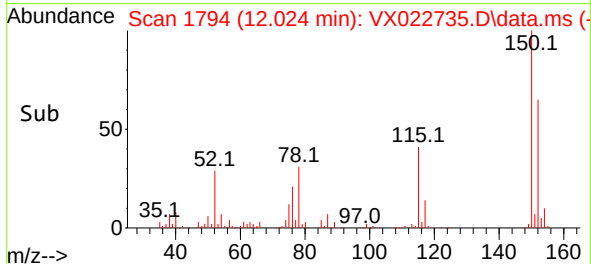
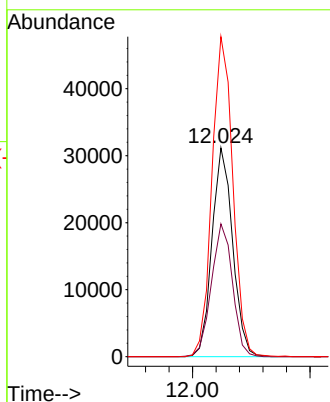
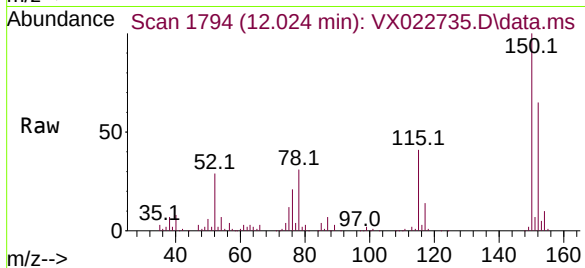




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022735.D
 Acq: 17 Jun 2021 13:06

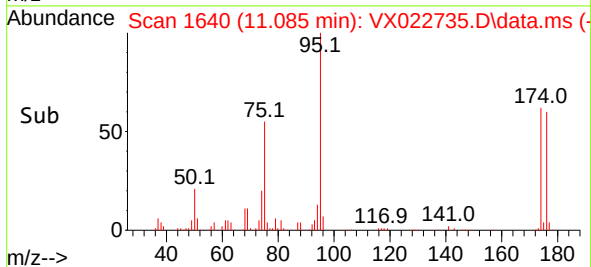
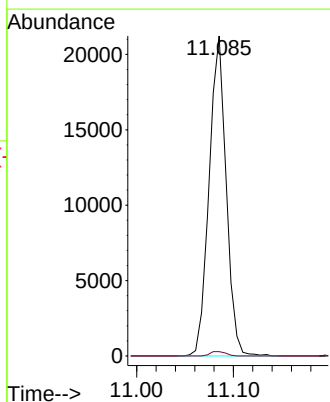
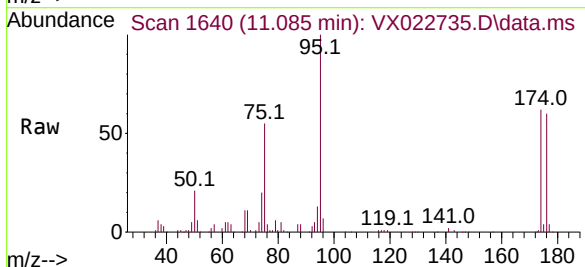
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210616

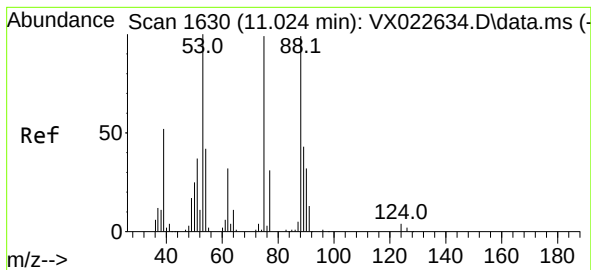
Tgt Ion:152 Resp: 38078
 Ion Ratio Lower Upper
 152 100
 115 64.8 41.1 123.3
 150 154.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.80 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022735.D
 Acq: 17 Jun 2021 13:06

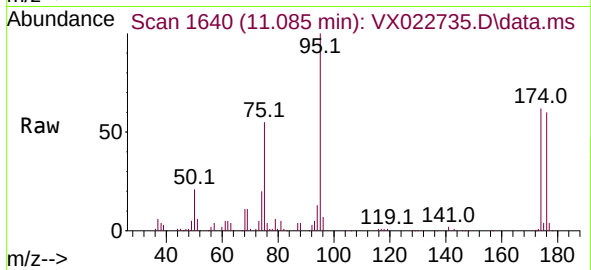
Tgt Ion: 75 Resp: 26050
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.77 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022735.D
 Acq: 17 Jun 2021 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210616



Tgt Ion: 75 Resp: 26050
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

