

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022737.D
 Acq On : 17 Jun 2021 13:53
 Operator : JC/MD
 Sample : M2750-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20210616

Quant Time: Jun 18 01:17:01 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)

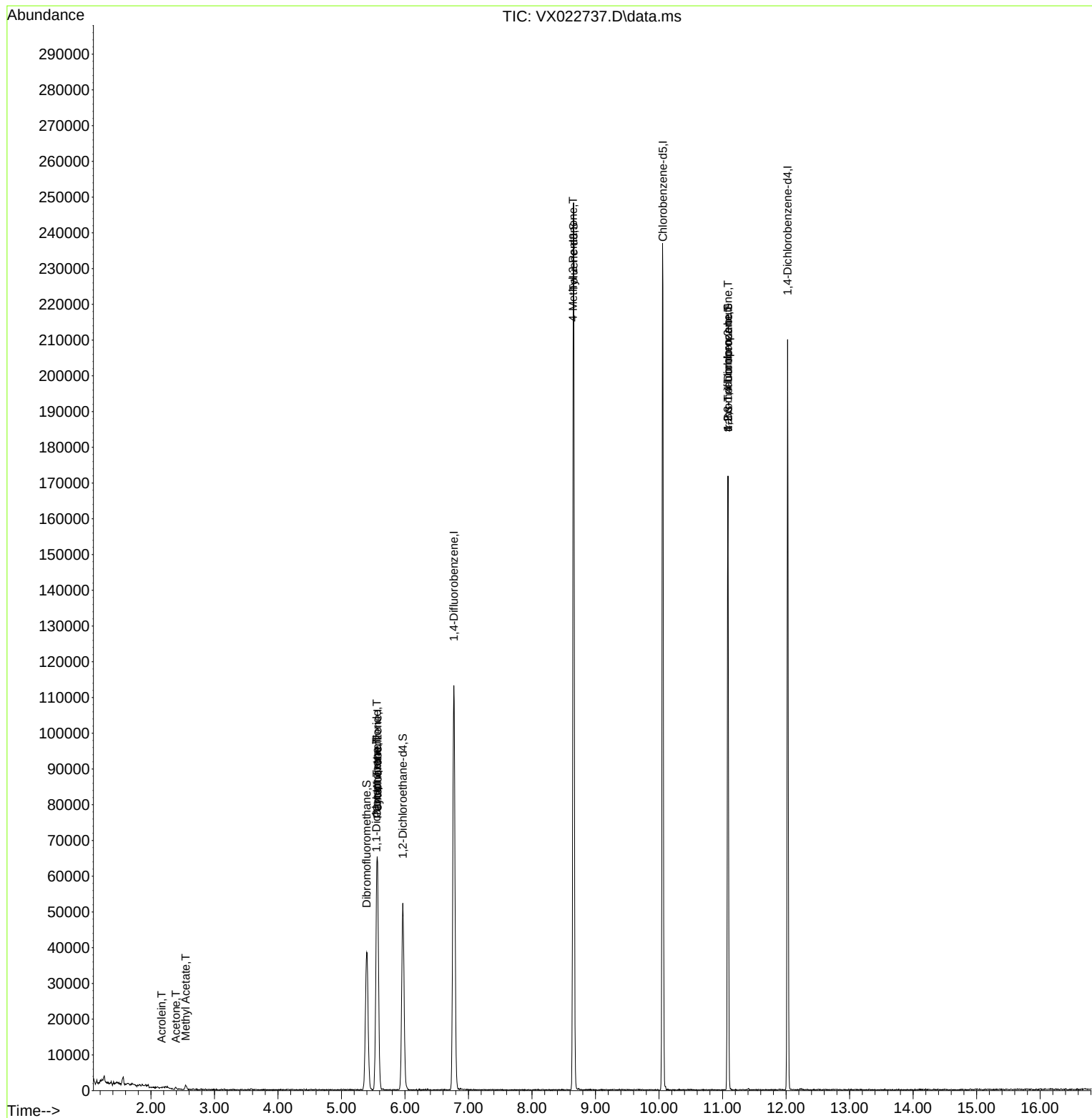
Internal Standards						
1) Pentafluorobenzene	5.568	168	56023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	111065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	98840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47717	47.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.72%		
35) Dibromofluoromethane	5.397	113	34206	48.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.54%		
50) Toluene-d8	8.653	98	138445	49.56	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.12%		
62) 4-Bromofluorobenzene	11.085	95	45574	43.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.28%		
Target Compounds						
13) Acrolein	2.166	56	31	0.32	ug/l #	14
16) Acetone	2.391	43	638	1.41	ug/l #	87
18) Methyl Acetate	2.544	43	404	0.30	ug/l #	47
20) Methylene Chloride	2.788	84	21	Below Cal	#	33
31) Cyclohexane	5.562	56	1622	1.33	ug/l #	17
36) 1,1-Dichloropropene	5.549	75	5616	5.07	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6468	6.83	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	728	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	24584	25.31	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	24584	63.64	ug/l #	12

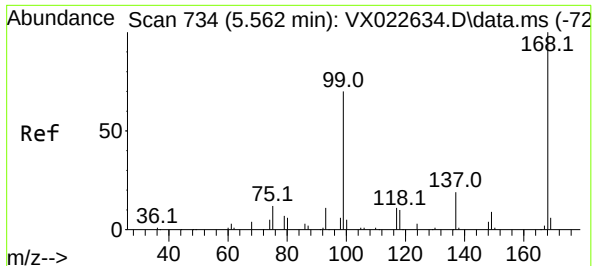
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jun 18 01:17:01 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

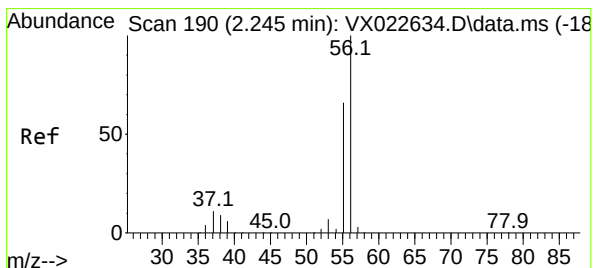
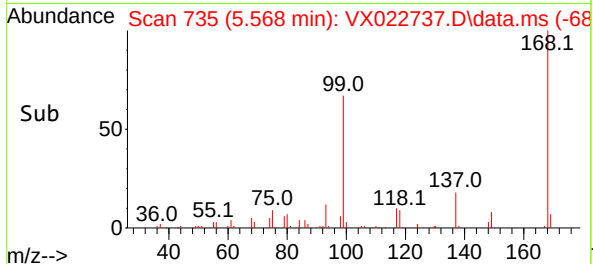
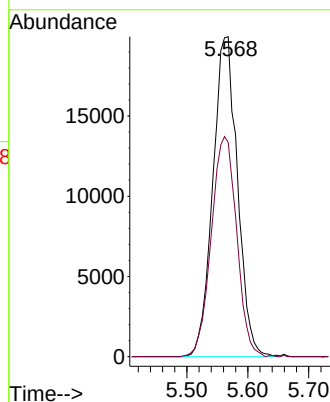
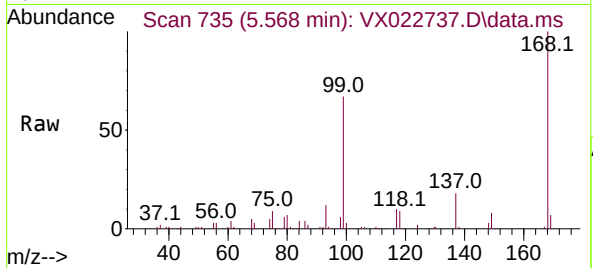




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

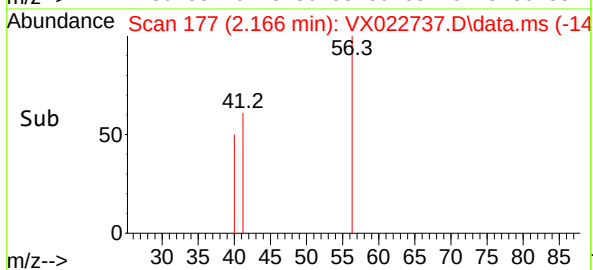
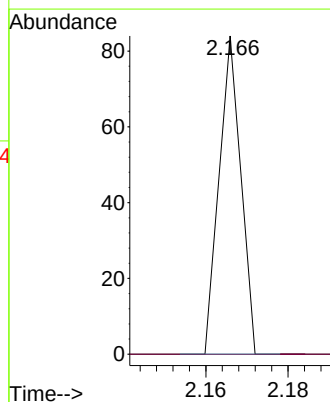
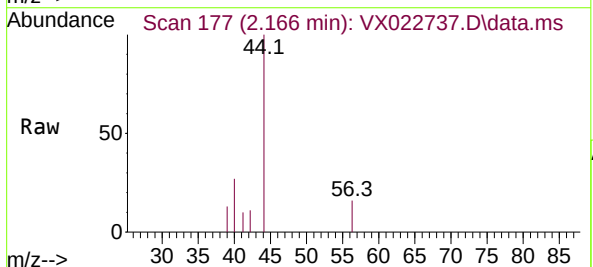
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

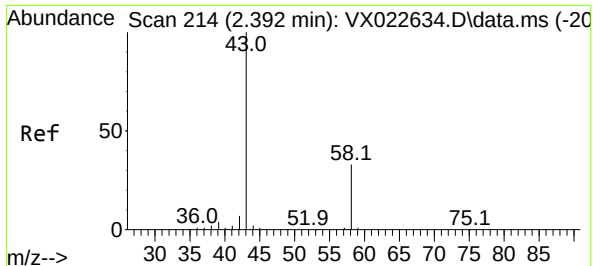
Tgt Ion:168 Resp: 56023
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.6



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.073 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

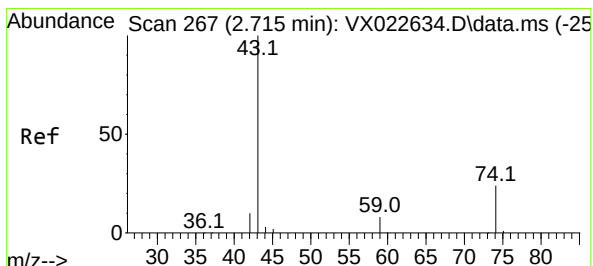
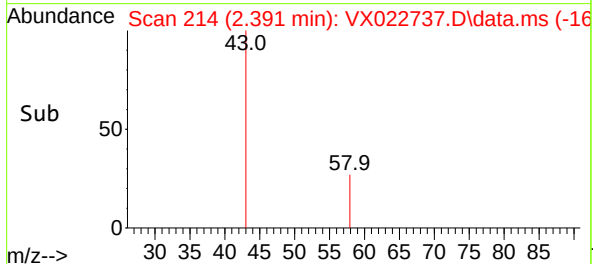
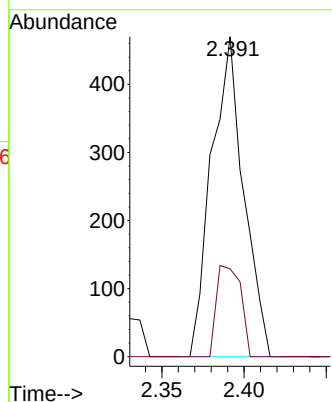
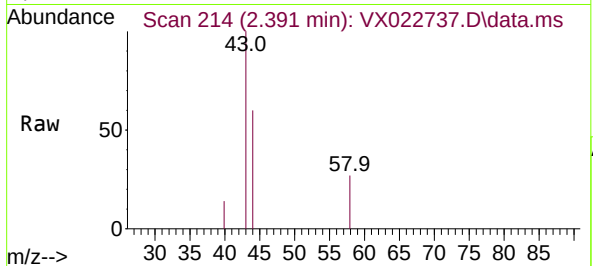




#16
Acetone
Concen: 1.41 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

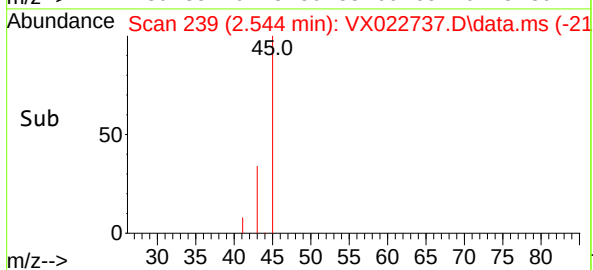
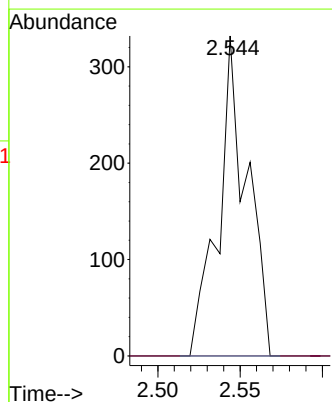
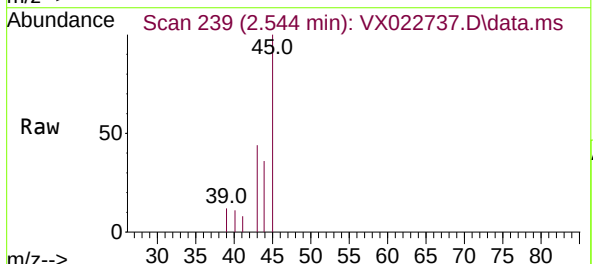
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

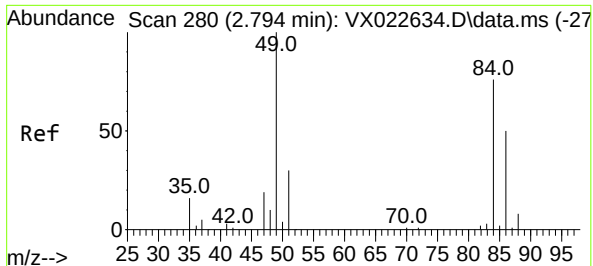
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.165 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022737.D

Acq: 17 Jun 2021 13:53

Tgt Ion: 84 Resp: 21

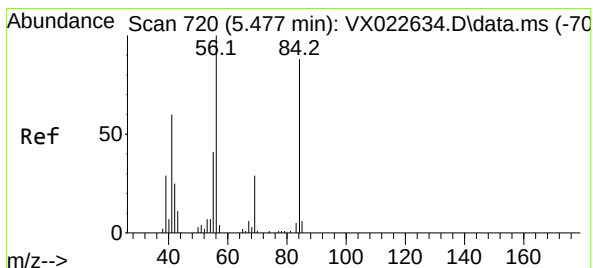
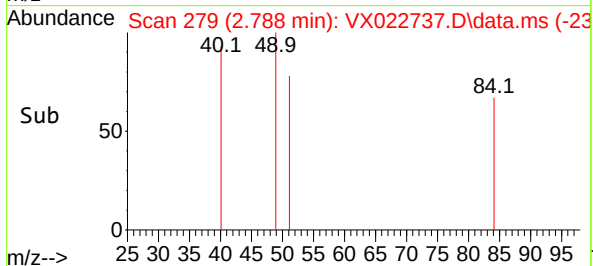
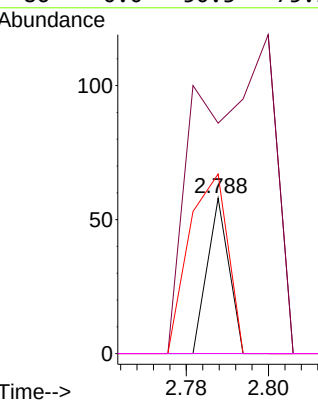
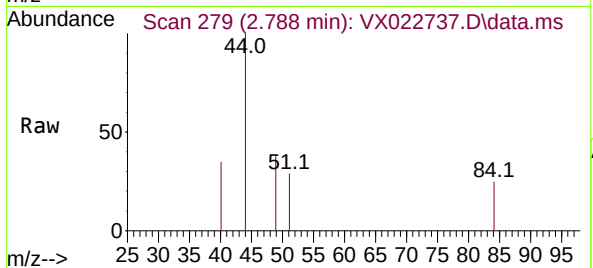
Ion Ratio Lower Upper

84 100

49 148.3 88.6 132.8#

51 115.5 27.0 40.6#

86 0.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.33 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX022737.D

Acq: 17 Jun 2021 13:53

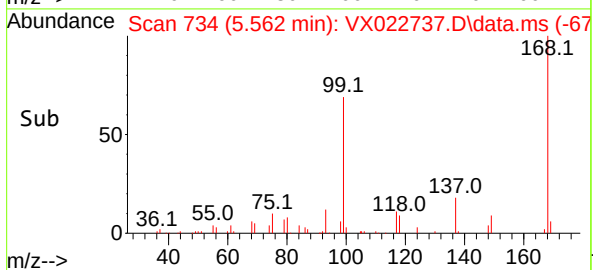
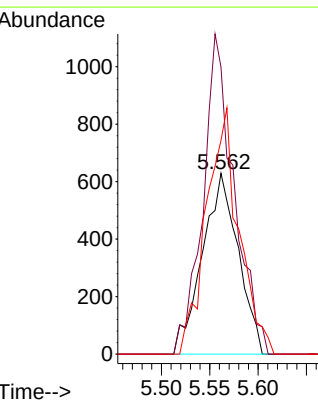
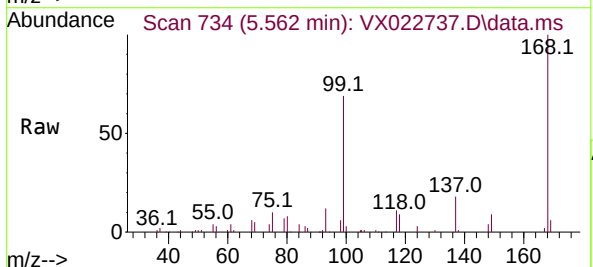
Tgt Ion: 56 Resp: 1622

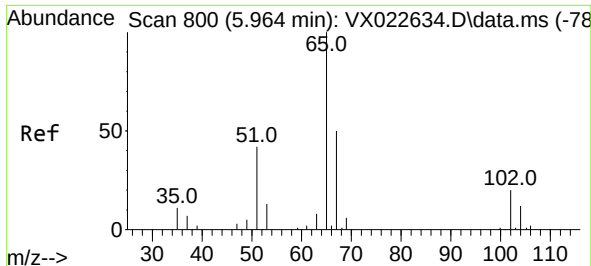
Ion Ratio Lower Upper

56 100

69 158.7 25.3 37.9#

84 118.3 71.4 107.0#

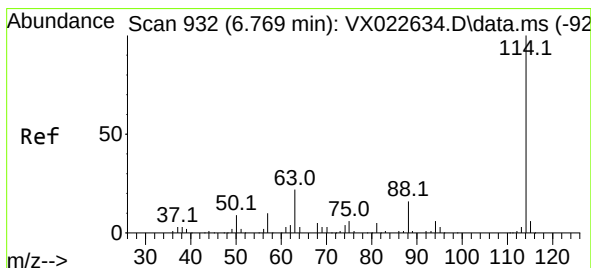
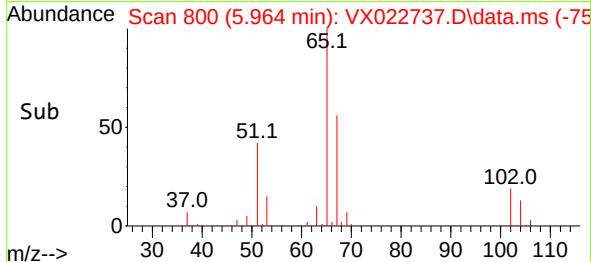
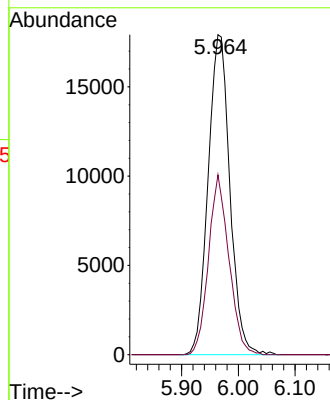
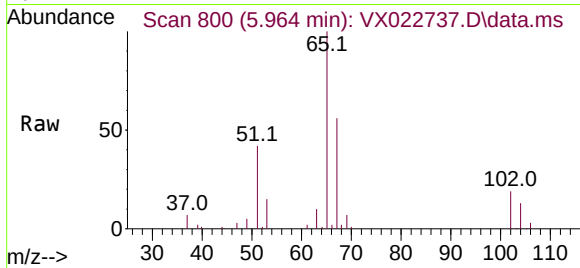




#33
 1,2-Dichloroethane-d4
 Concen: 47.36 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX022737.D
 Acq: 17 Jun 2021 13:53

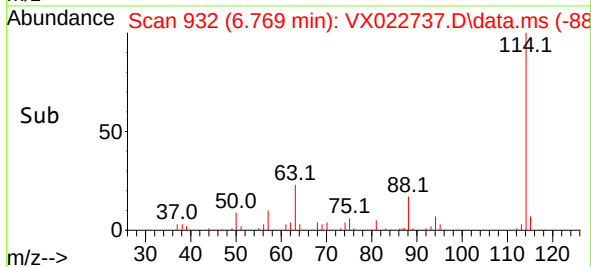
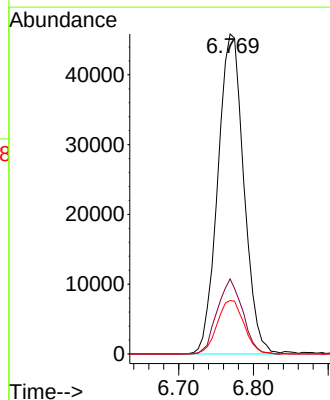
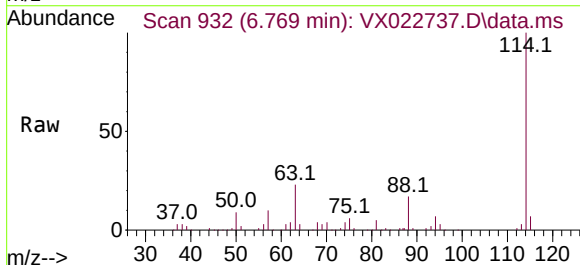
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20210616

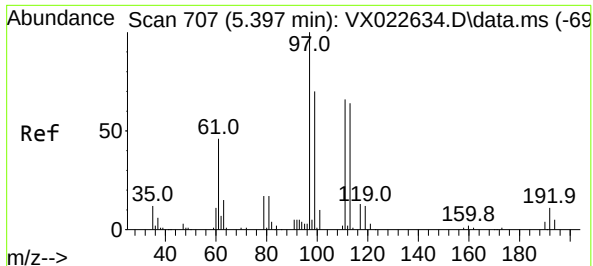
Tgt Ion: 65 Resp: 47717
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX022737.D
 Acq: 17 Jun 2021 13:53

Tgt Ion: 114 Resp: 111065
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.27 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022737.D

Acq: 17 Jun 2021 13:53

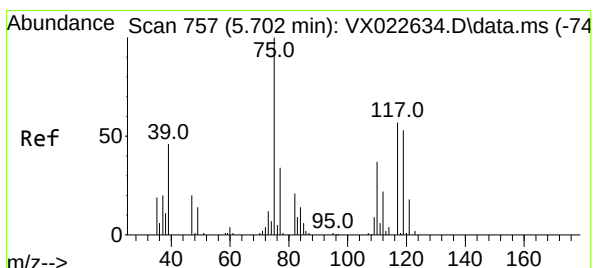
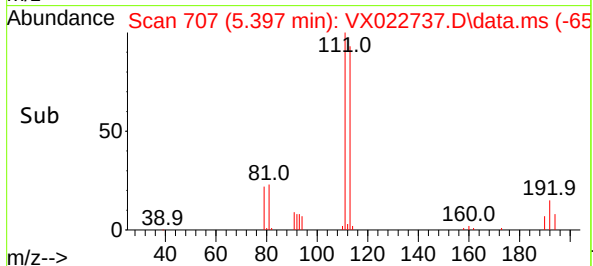
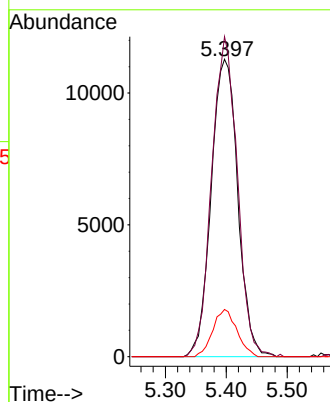
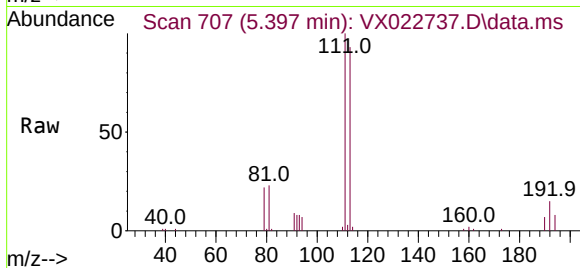
Tgt Ion:	113	Resp:	34206
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	14.4	16.7	25.1#

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20210616



#36

1,1-Dichloropropene

Concen: 5.07 ug/l

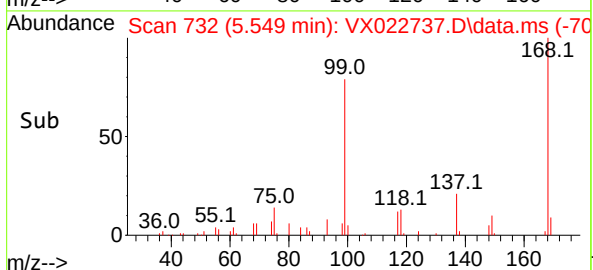
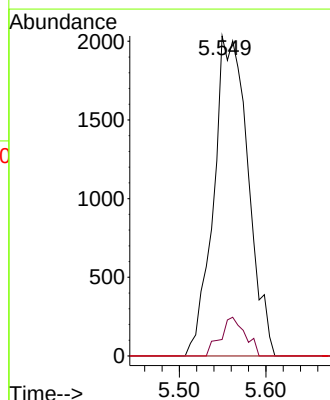
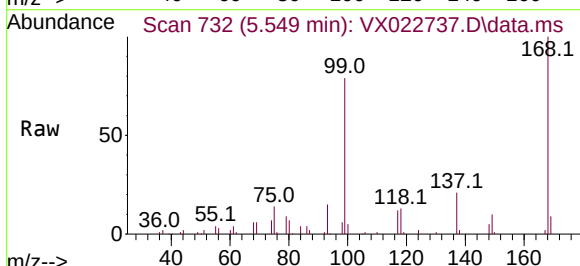
RT: 5.549 min Scan# 732

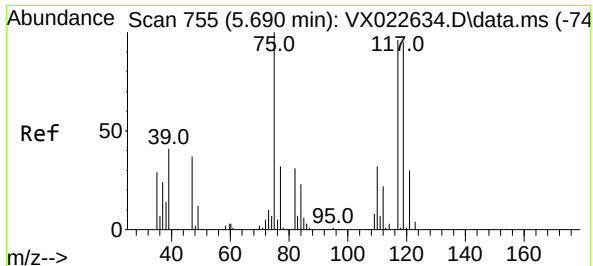
Delta R.T. -0.153 min

Lab File: VX022737.D

Acq: 17 Jun 2021 13:53

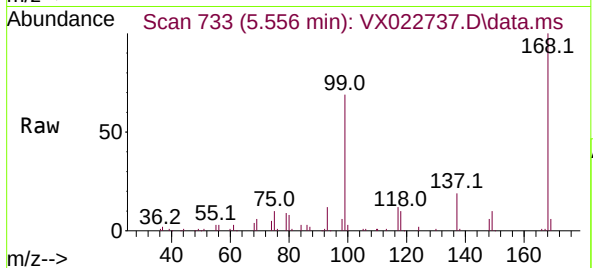
Tgt Ion:	75	Resp:	5616
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#



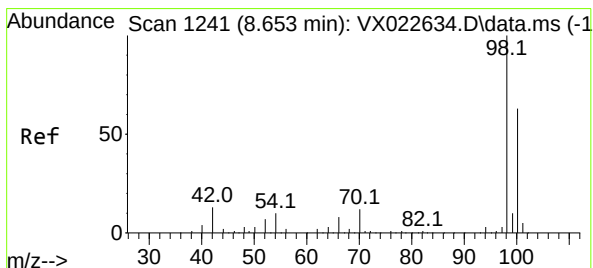
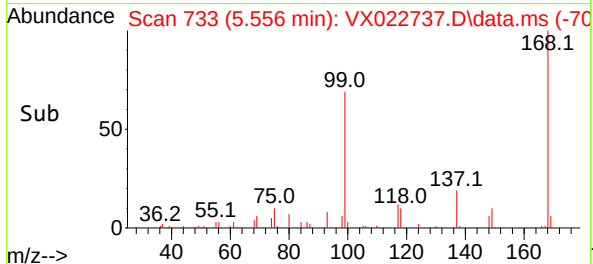
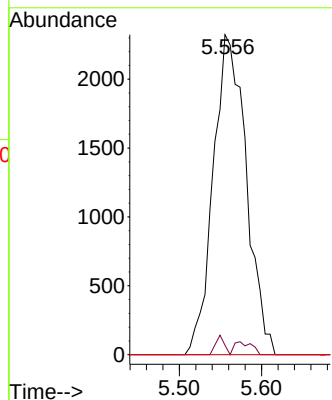


#38
Carbon Tetrachloride
Concen: 6.83 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

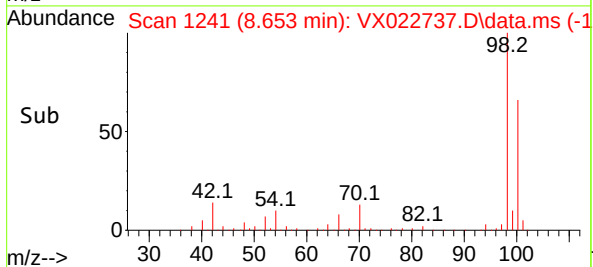
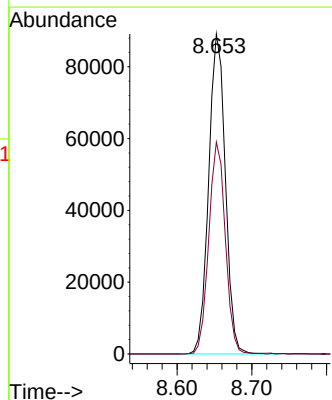
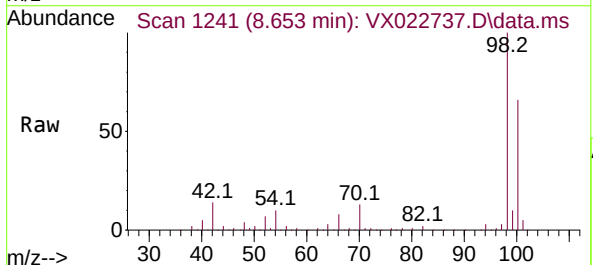


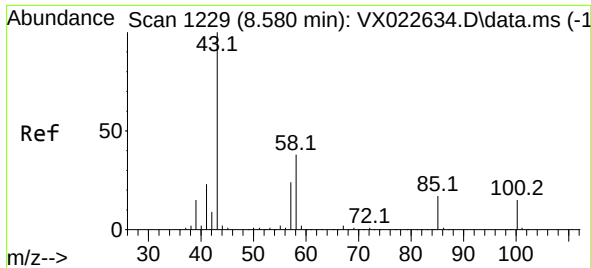
Tgt Ion:117 Resp: 6468
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion: 98 Resp: 138445
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

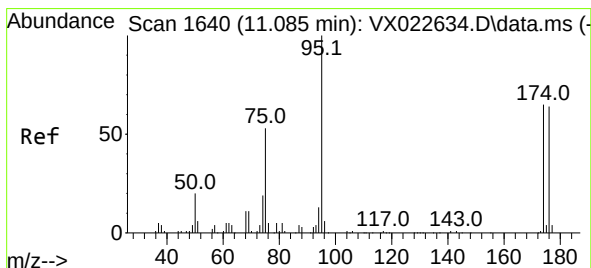
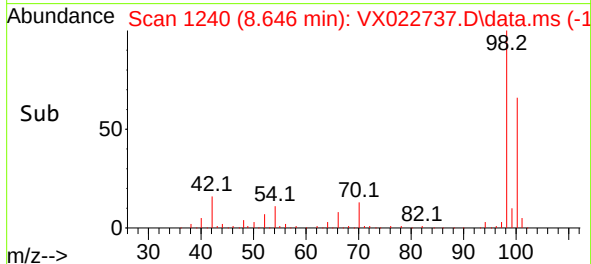
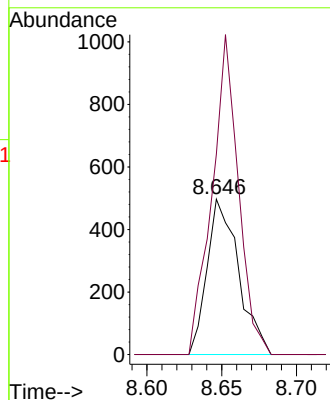
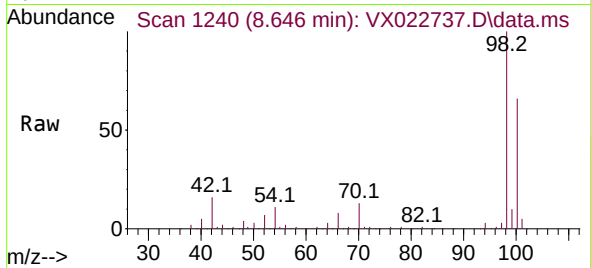




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

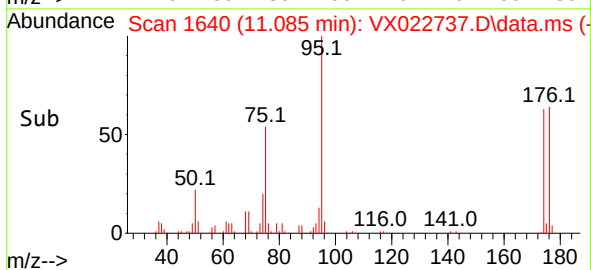
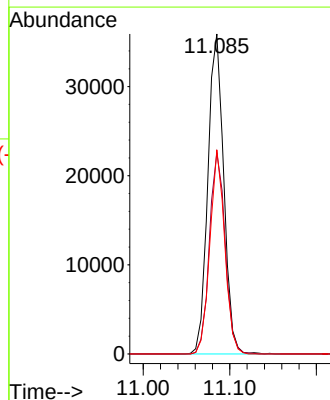
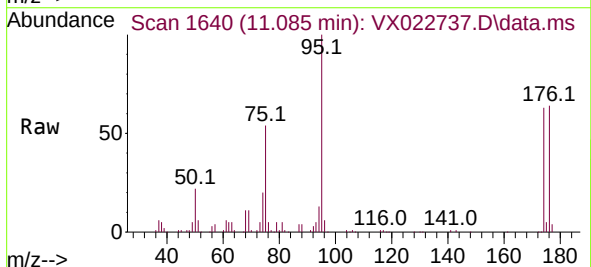
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

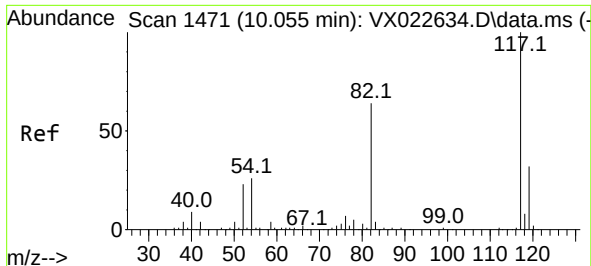
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 173.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion: 95 Resp: 45574
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.7 0.0 155.8

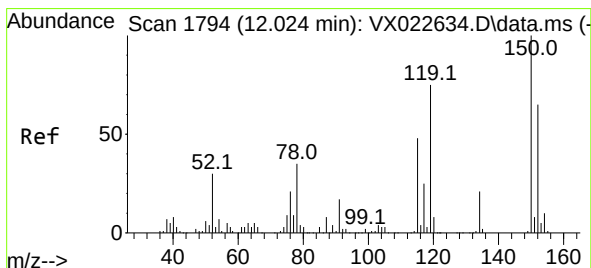
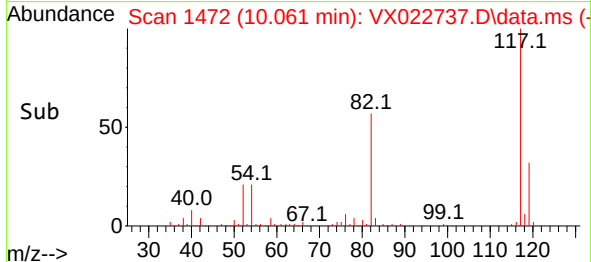
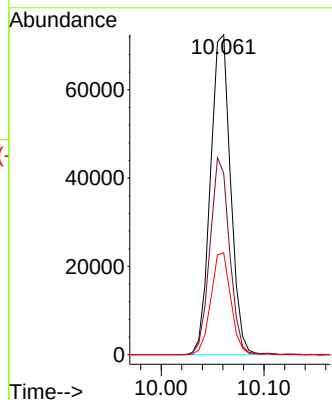
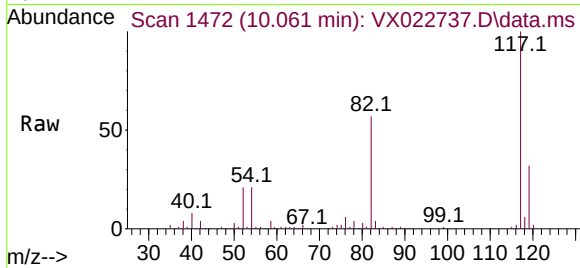




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

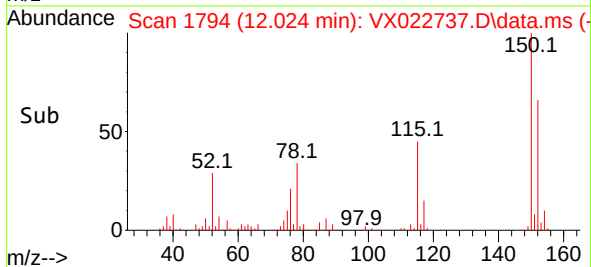
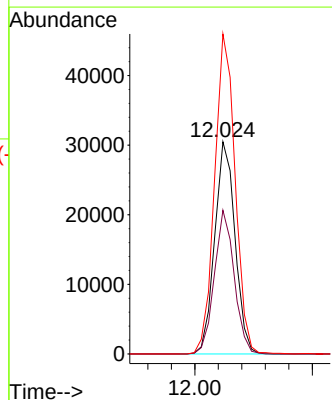
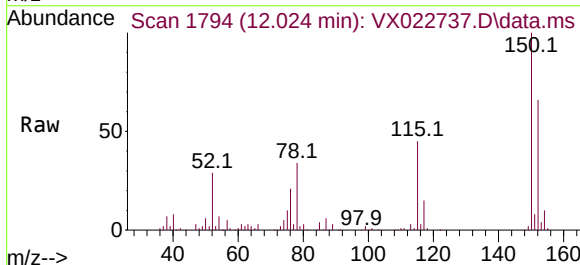
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

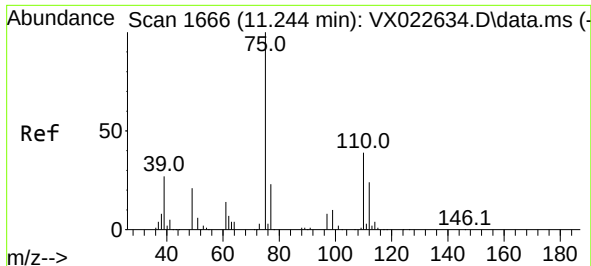
Tgt Ion:117 Resp: 98840
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion:152 Resp: 36640
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 152.0 0.0 349.0

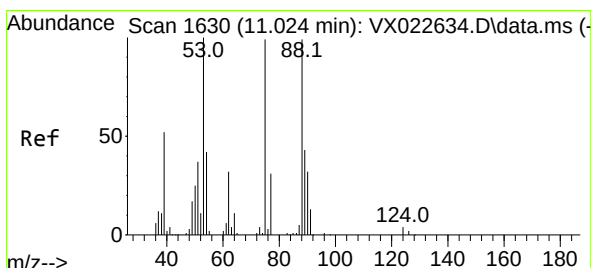
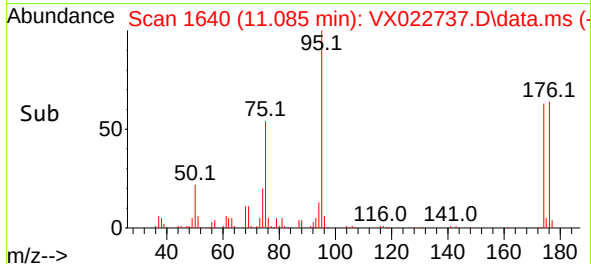
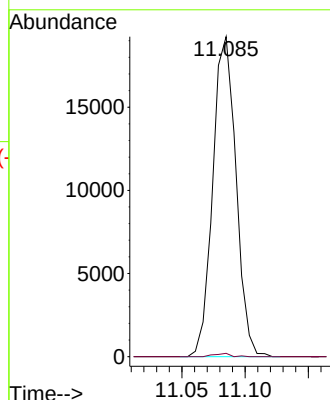
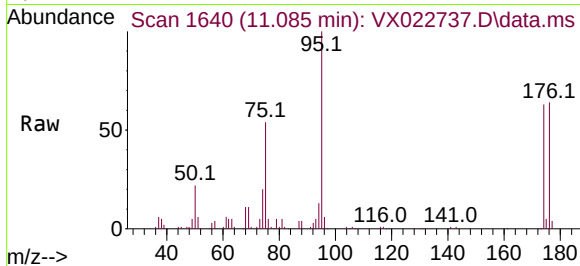




#76
1,2,3-Trichloropropane
Concen: 25.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20210616

Tgt Ion: 75 Resp: 24584
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022737.D
Acq: 17 Jun 2021 13:53

Tgt Ion: 75 Resp: 24584
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

