

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033724.D
 Acq On : 13 Jan 2023 15:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:37:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

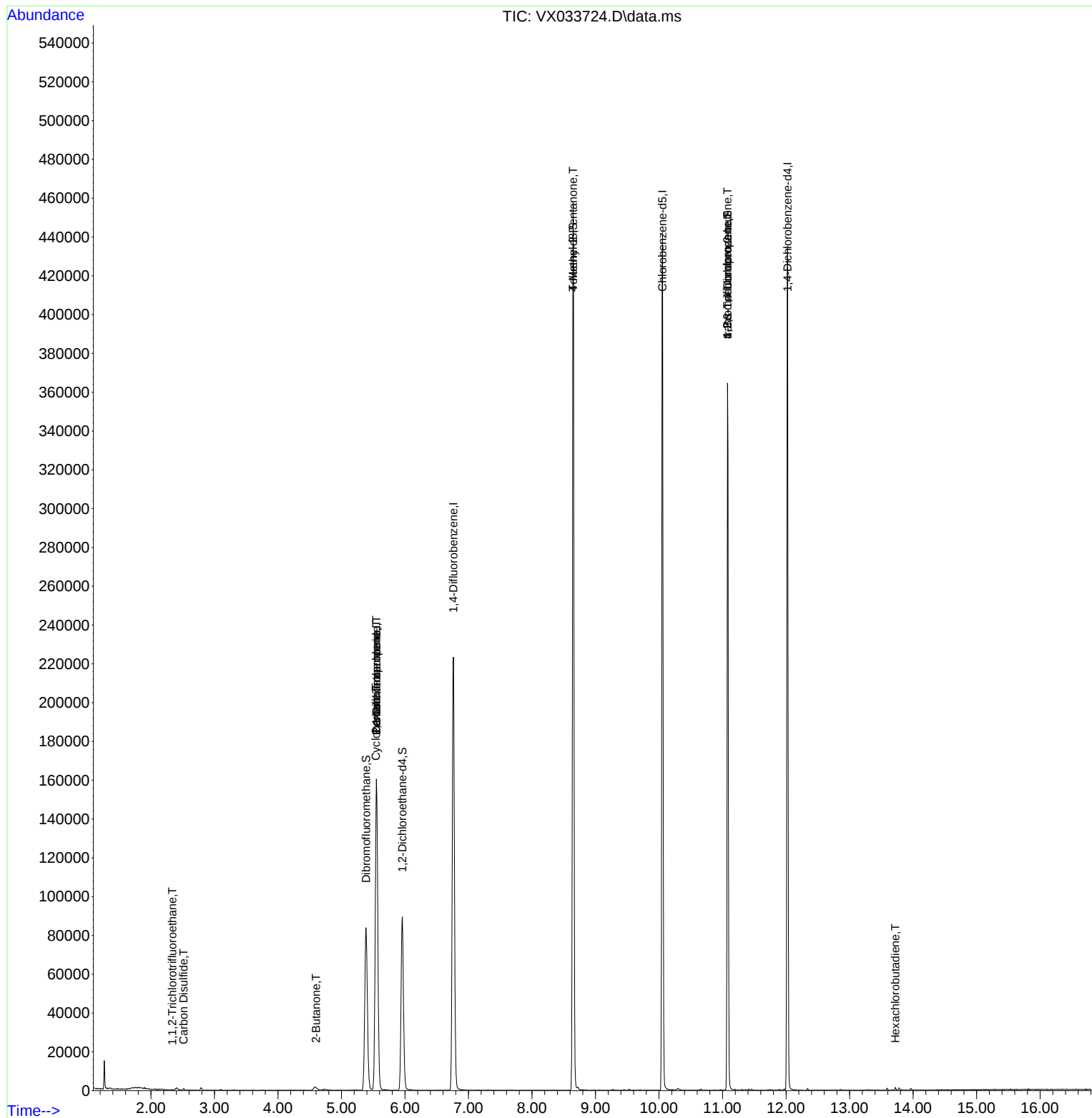
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	162523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85997	50.255	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.500%		
35) Dibromofluoromethane	5.385	113	73057	49.530	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.060%		
50) Toluene-d8	8.647	98	275622	51.285	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.580%		
62) 4-Bromofluorobenzene	11.079	95	94428	47.324	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.640%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	20	0.734	ug/l #	16
16) Acetone	2.404	43	1848	Below Cal	#	70
17) Carbon Disulfide	2.514	76	932	2.091	ug/l #	76
20) Methylene Chloride	2.788	84	608	Below Cal	#	85
25) 2-Butanone	4.599	43	798	0.714	ug/l #	51
31) Cyclohexane	5.544	56	2747	1.091	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10884	5.056	ug/l #	49
37) Ethyl Acetate	4.733	43	1486	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	14733	6.608	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1142	0.547	ug/l #	1
64) Tetrachloroethene	9.268	164	48	Below Cal	#	63
73) Isopropylbenzene	10.969	105	172	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	45543	25.102	ug/l #	34
77) Bromobenzene	11.201	156	56	Below Cal	#	42
79) 2-Chlorotoluene	11.463	91	298	Below Cal		84
81) trans-1,4-Dichloro-2-b...	11.079	75	45543	78.013	ug/l #	8
82) 4-Chlorotoluene	11.463	91	298	Below Cal		91
94) Hexachlorobutadiene	13.719	225	358	0.337	ug/l	89

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

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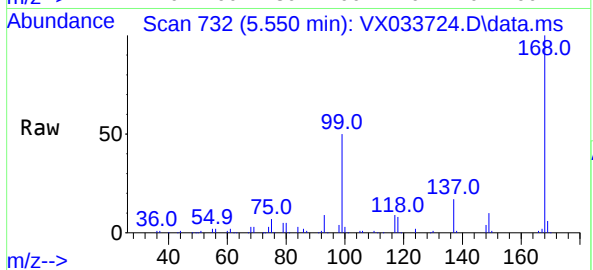
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



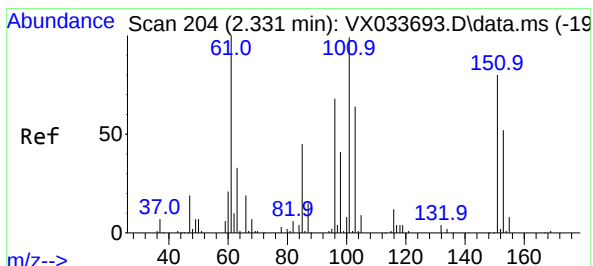
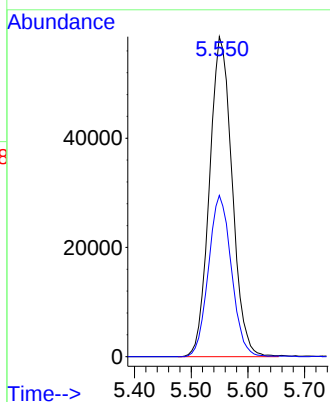
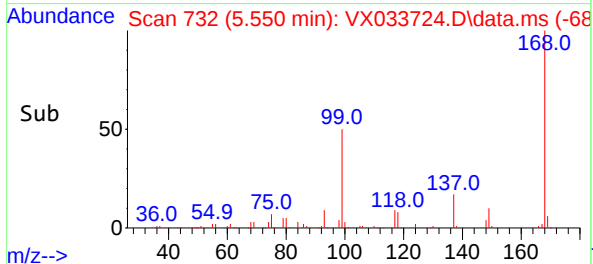


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

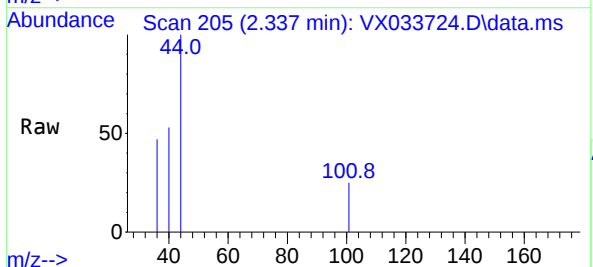
Instrument :
MSVOA_X
ClientSampleId :



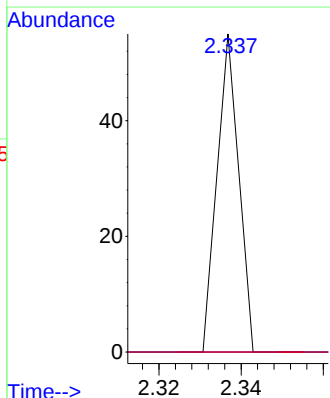
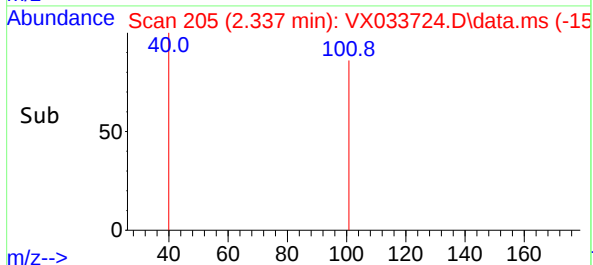
Tgt Ion:168 Resp: 162523
Ion Ratio Lower Upper
168 100
99 50.4 39.6 59.4

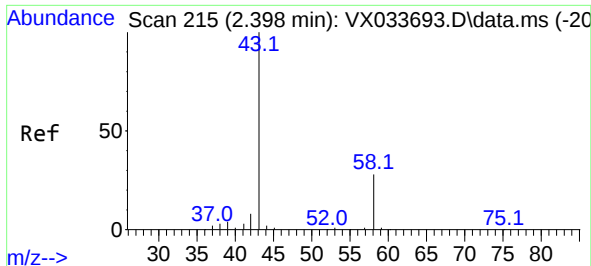


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.734 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55



Tgt Ion:101 Resp: 20
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 66.5 99.7#

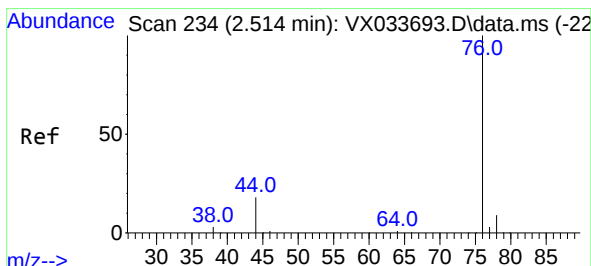
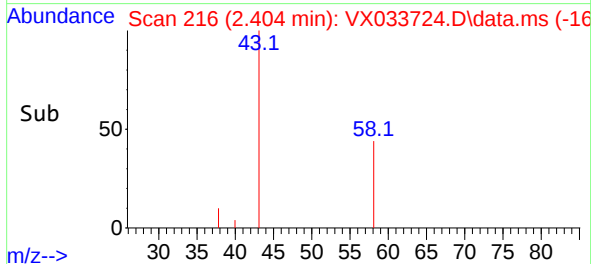
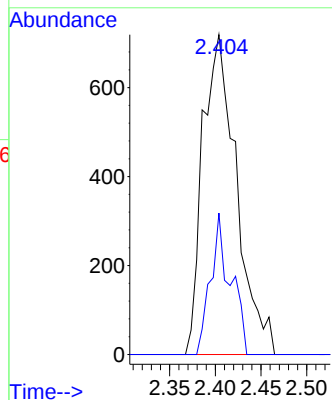
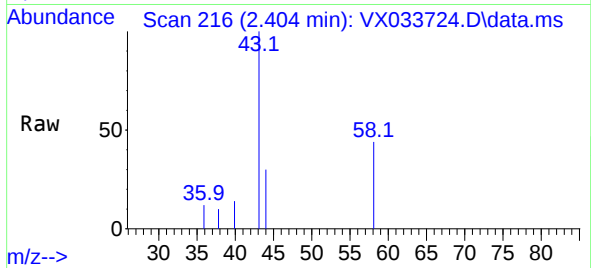




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

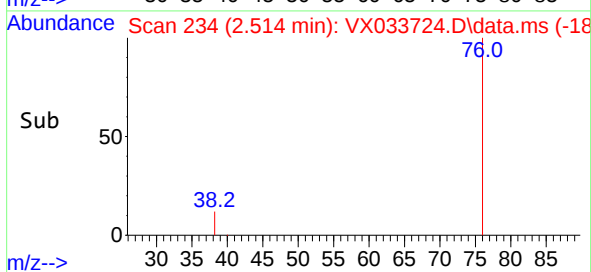
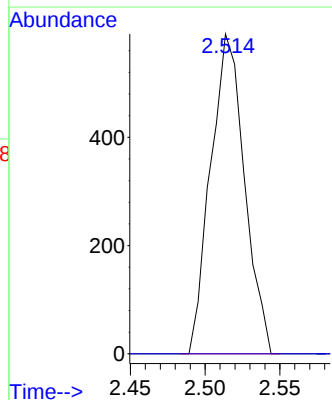
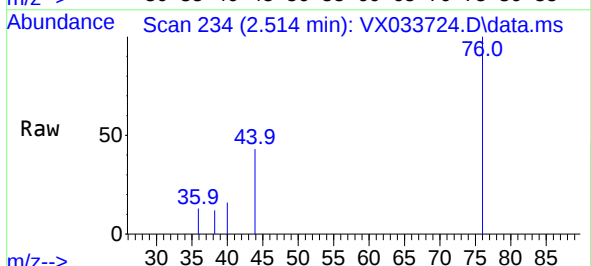
Instrument :
MSVOA_X
ClientSampleId :

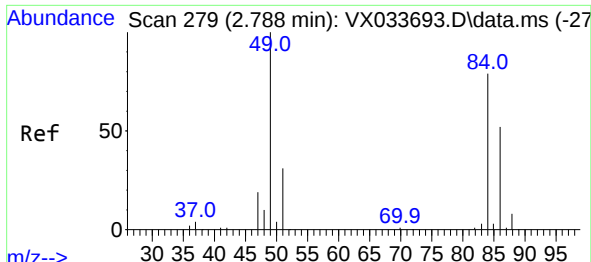
Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 44.2 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.091 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 76 Resp: 932
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

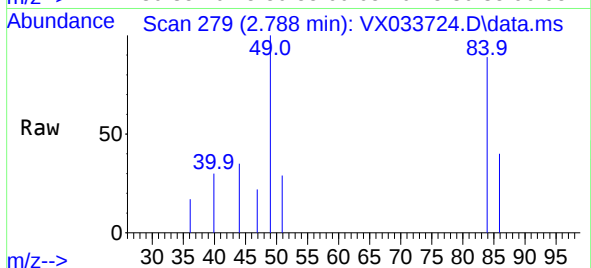
Lab File: VX033724.D

Acq: 13 Jan 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 608

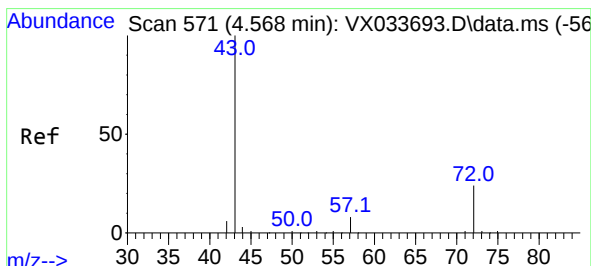
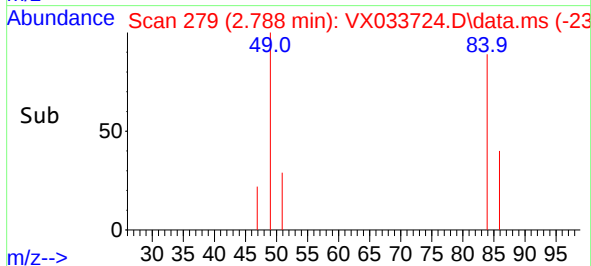
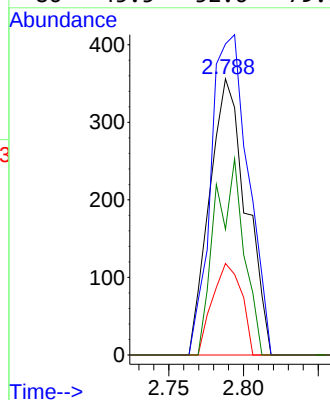
Ion Ratio Lower Upper

84 100

49 112.6 101.1 151.7

51 33.1 31.0 46.6

86 45.5 52.6 79.0#



#25

2-Butanone

Concen: 0.714 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.030 min

Lab File: VX033724.D

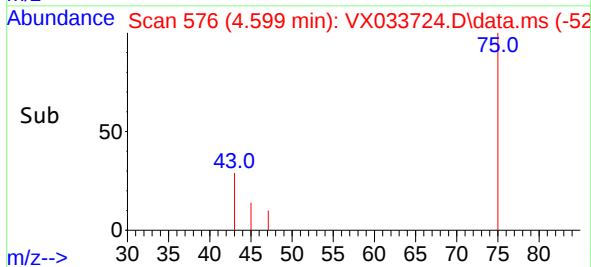
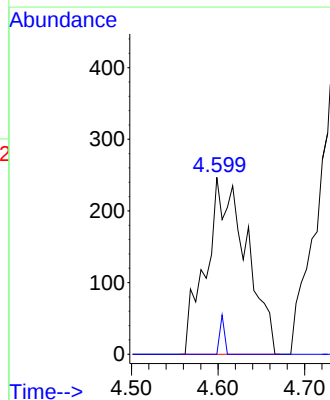
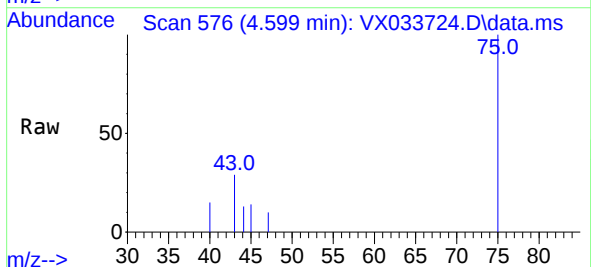
Acq: 13 Jan 2023 15:55

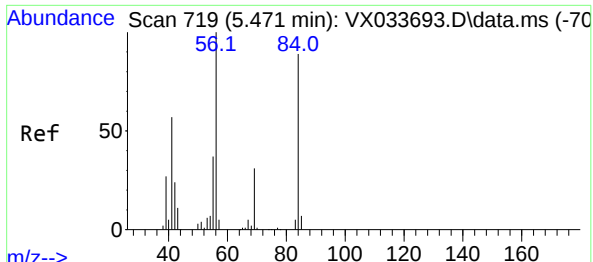
Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

43 100

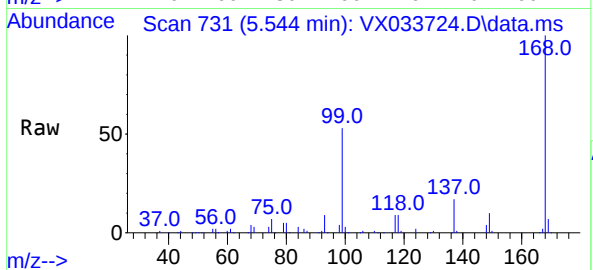
72 0.0 19.4 29.2#



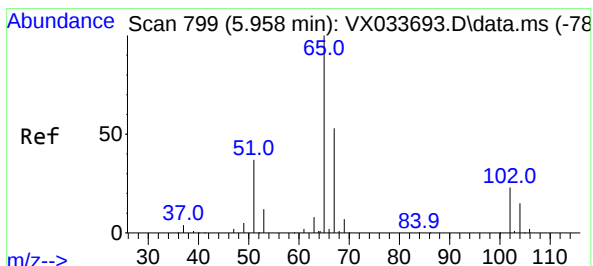
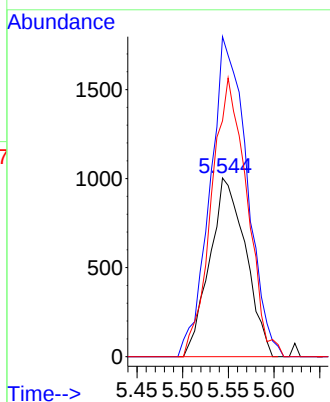
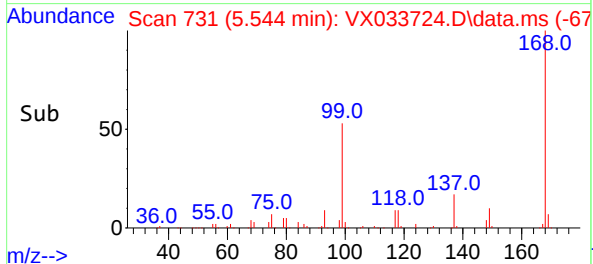


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

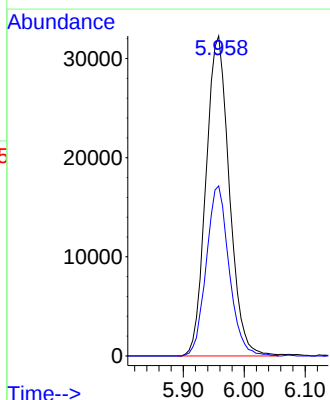
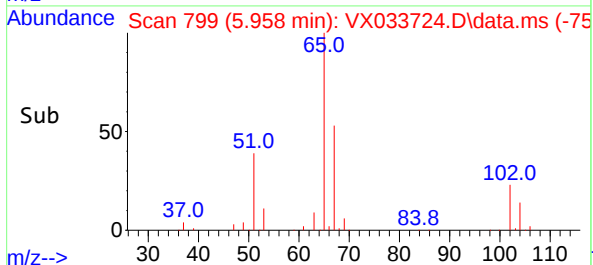
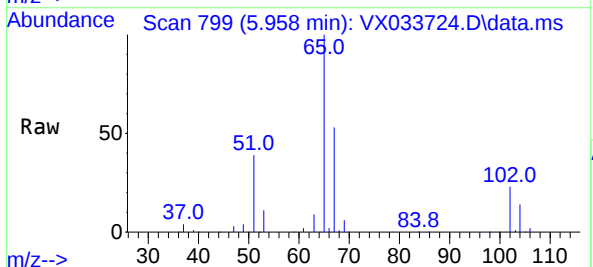


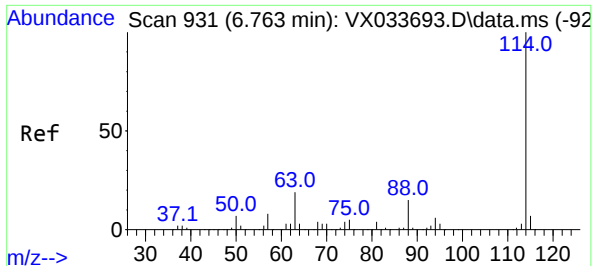
Tgt Ion: 56 Resp: 2747
Ion Ratio Lower Upper
56 100
69 179.0 24.6 37.0#
84 131.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.255 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 65 Resp: 85997
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

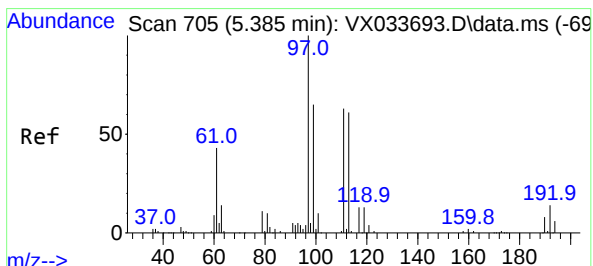
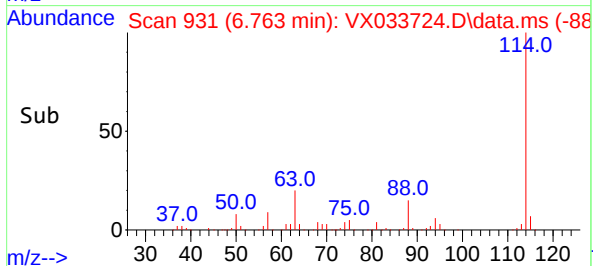
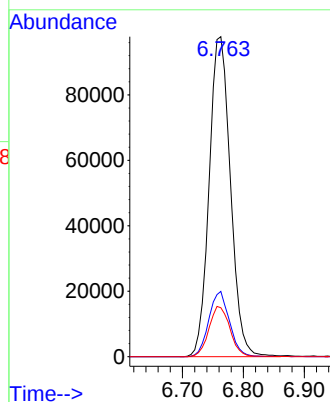
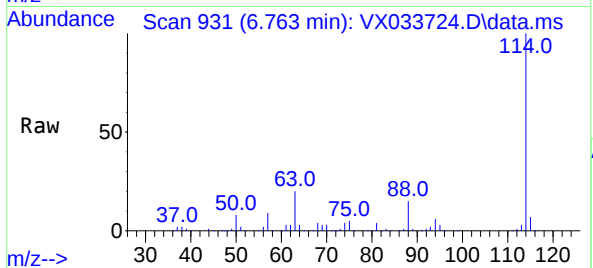




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

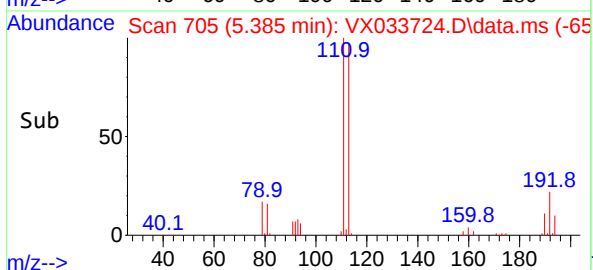
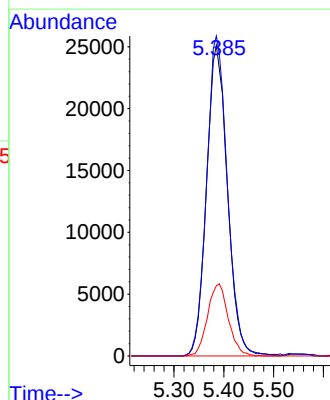
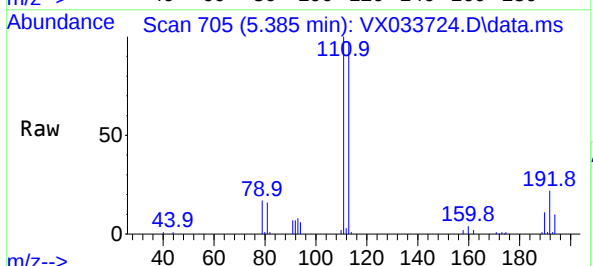
Instrument :
MSVOA_X
ClientSampleId :

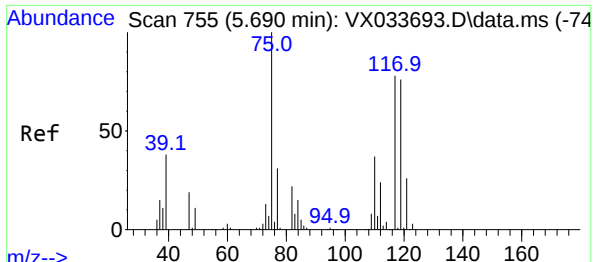
Tgt Ion:114 Resp: 237544
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

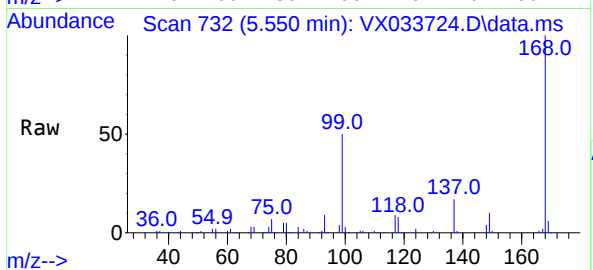
Tgt Ion:113 Resp: 73057
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 23.1 19.0 28.4



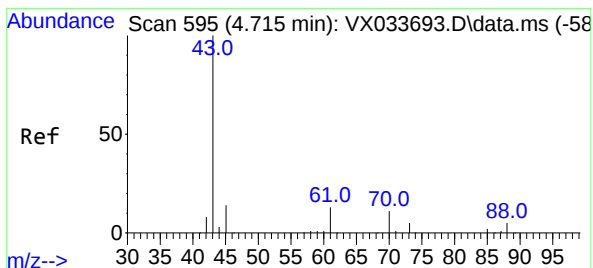
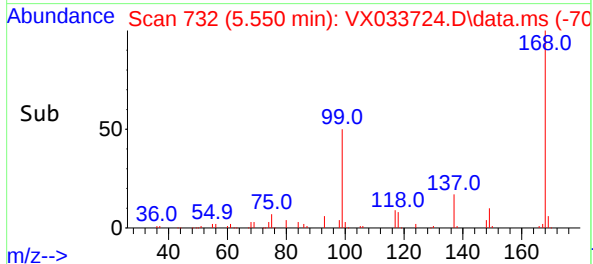
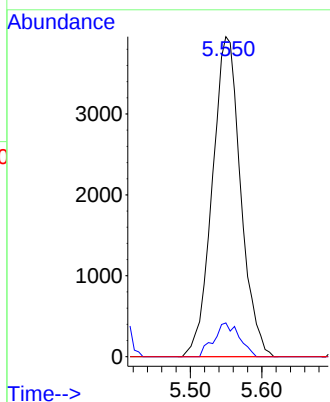


#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

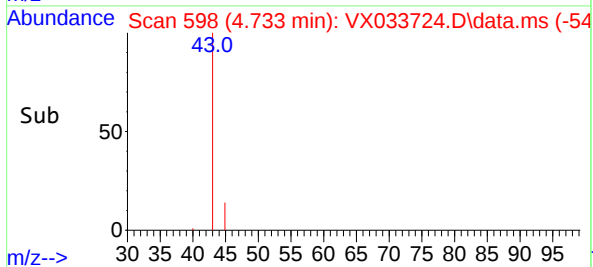
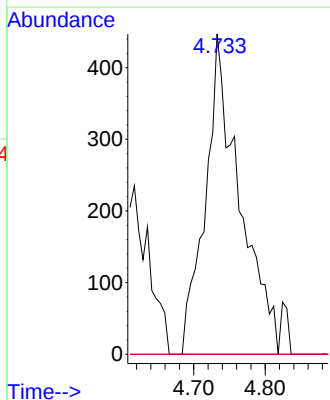
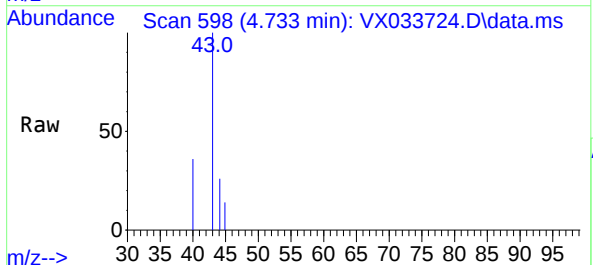


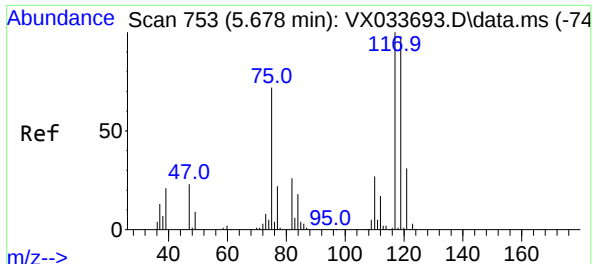
Tgt Ion: 75 Resp: 10884
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

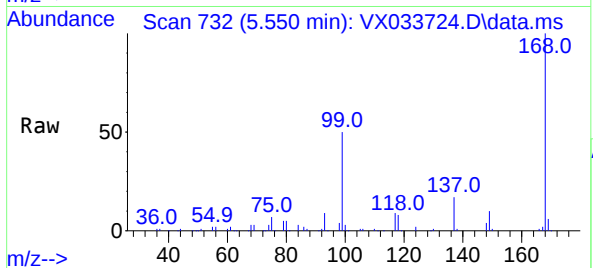
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



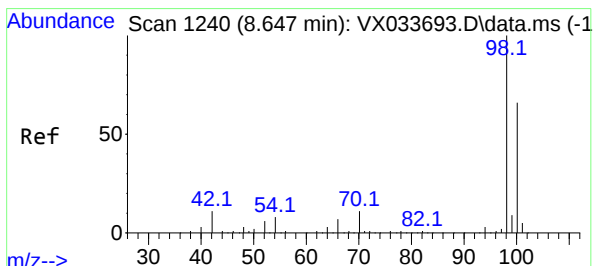
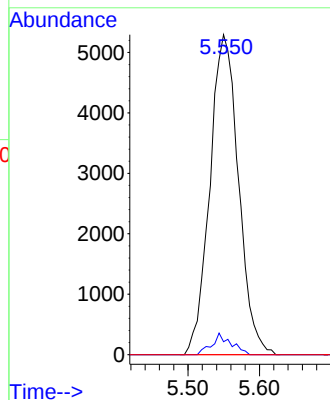
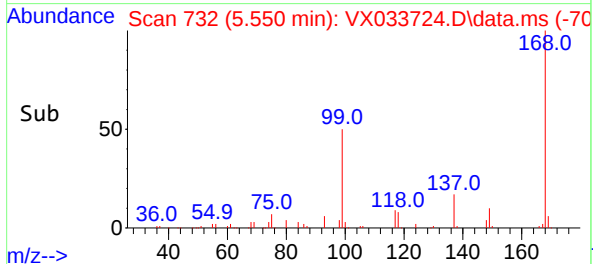


#38
Carbon Tetrachloride
Concen: 6.608 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

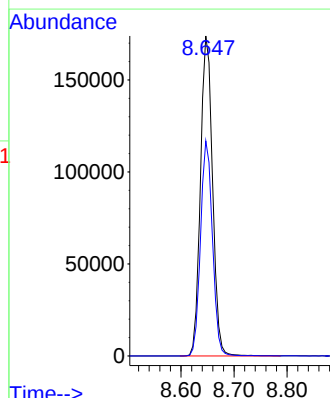
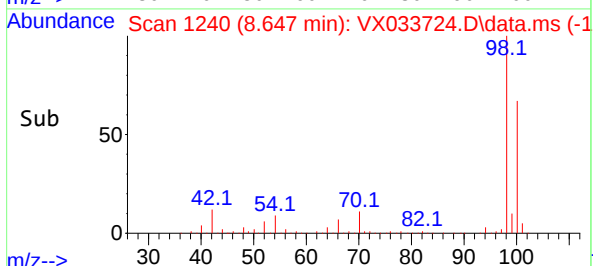
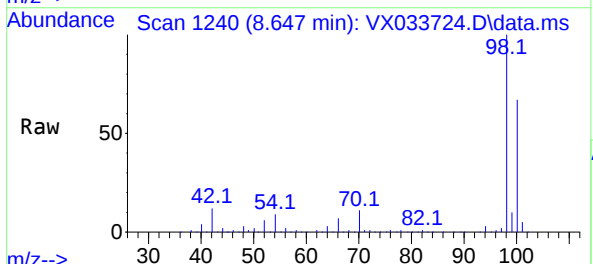


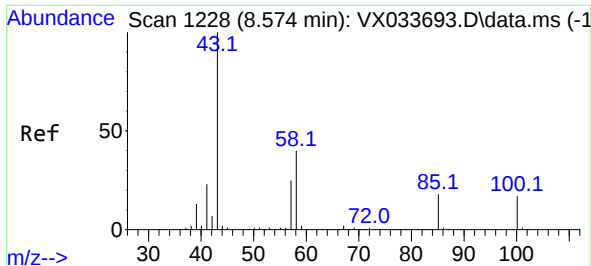
Tgt Ion:117 Resp: 14733
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.285 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 98 Resp: 275622
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

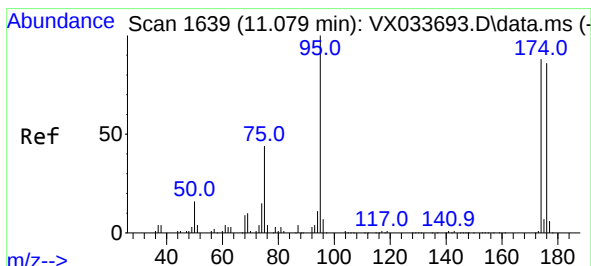
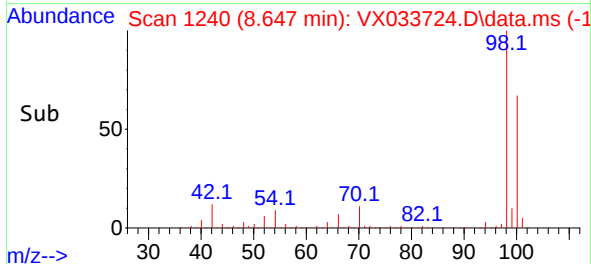
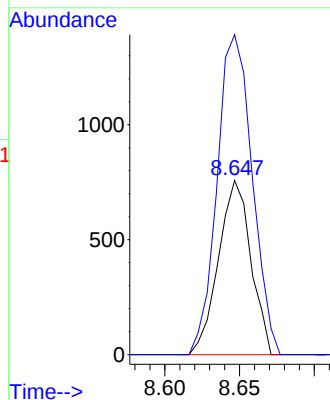
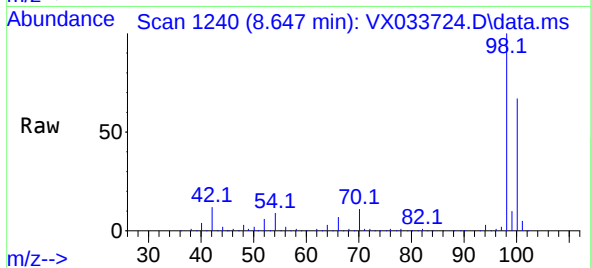




#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.647 min Scan# 1142
Delta R.T. 0.073 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

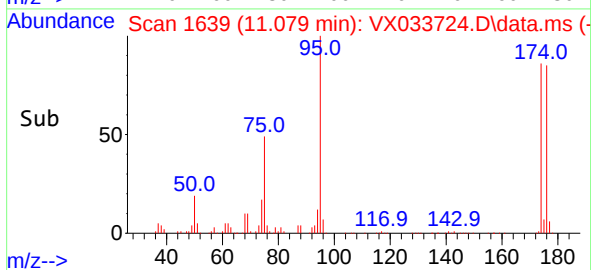
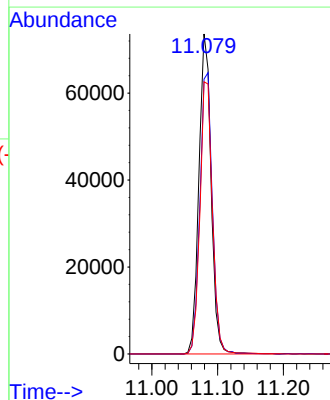
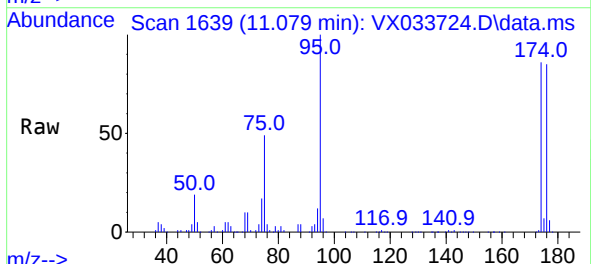
Instrument :
MSVOA_X
ClientSampleId :

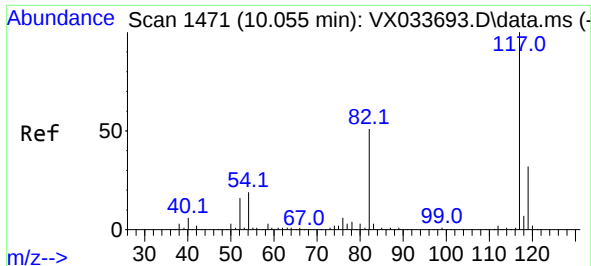
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 198.9 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

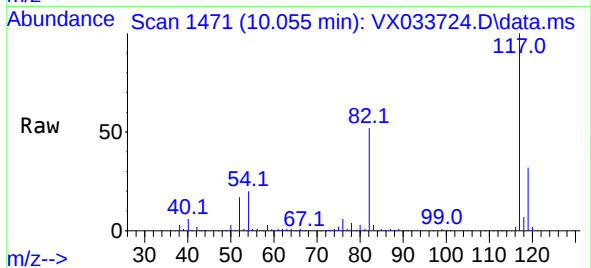
Tgt Ion: 95 Resp: 94428
Ion Ratio Lower Upper
95 100
174 90.4 0.0 184.4
176 87.6 0.0 178.8



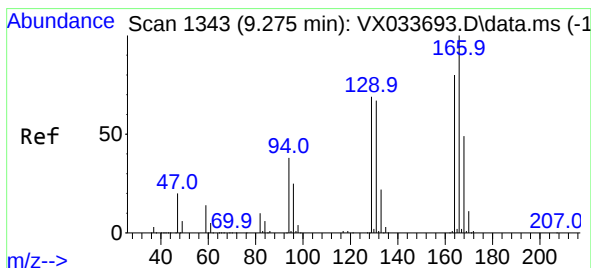
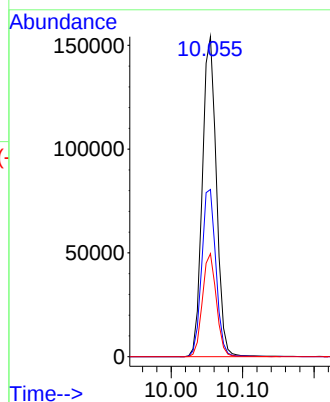
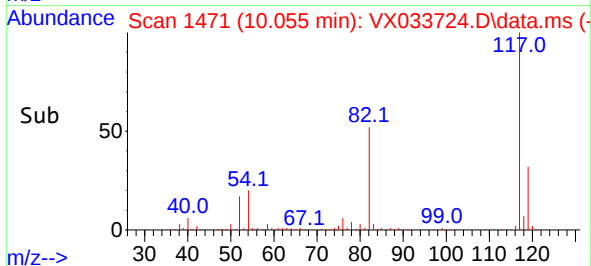


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

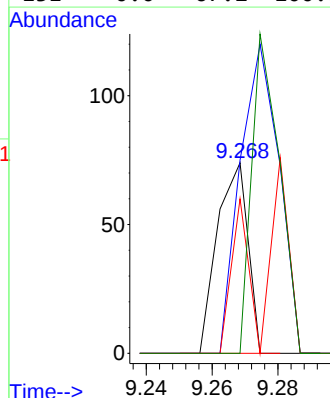
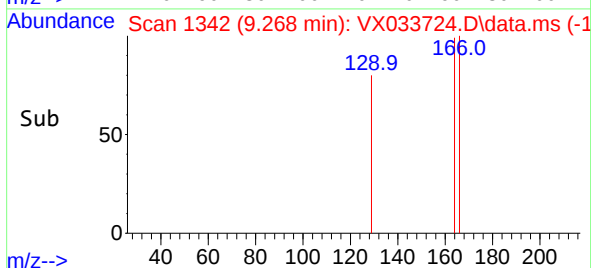
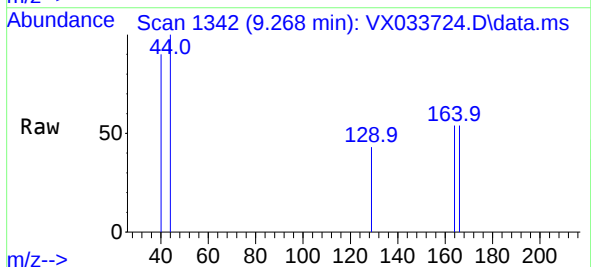


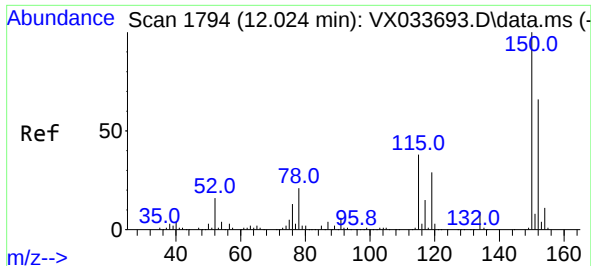
Tgt Ion:117 Resp: 210678
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

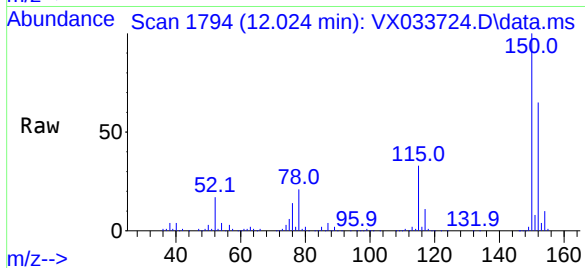
Tgt Ion:164 Resp: 48
Ion Ratio Lower Upper
164 100
166 101.4 100.2 150.2
129 81.1 69.2 103.8
131 0.0 67.2 100.8#



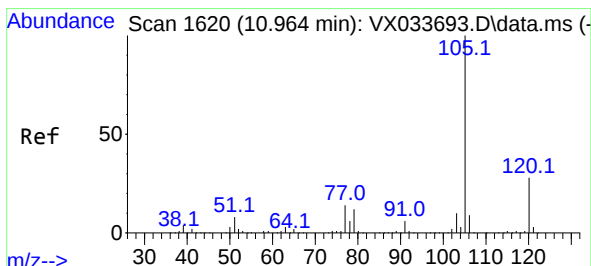
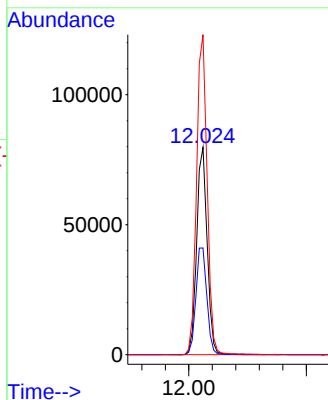
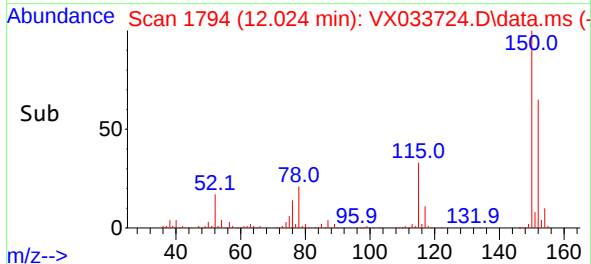


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

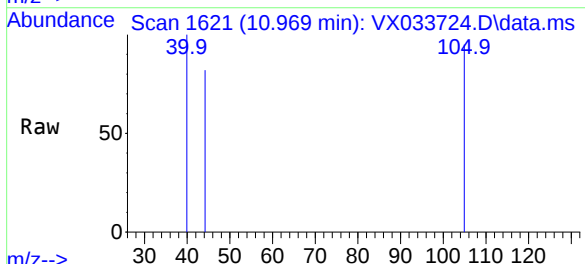
Instrument :
MSVOA_X
ClientSampleId :



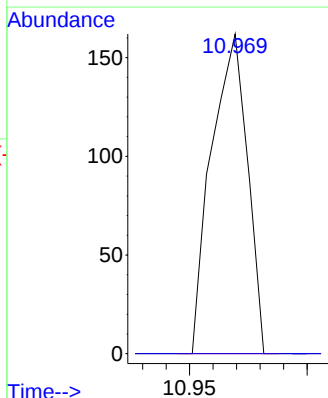
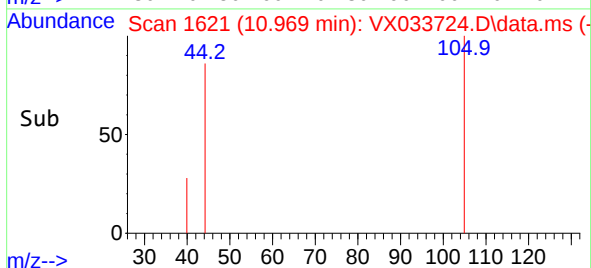
Tgt Ion:152 Resp: 98748
Ion Ratio Lower Upper
152 100
115 53.9 38.7 116.1
150 155.8 0.0 348.2

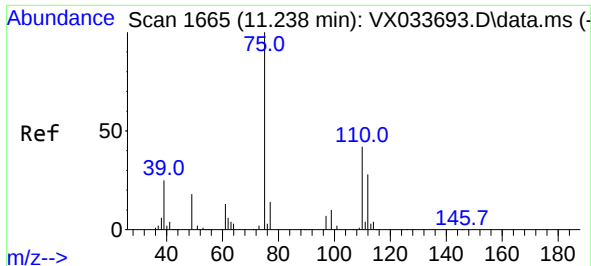


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.969 min Scan# 1621
Delta R.T. 0.005 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55



Tgt Ion:105 Resp: 172
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

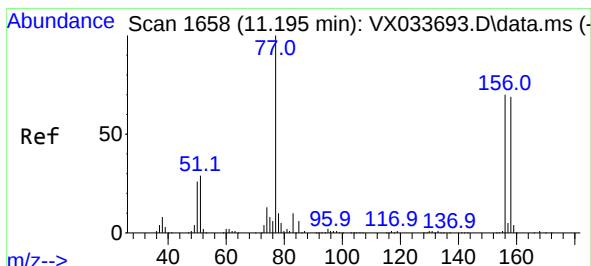
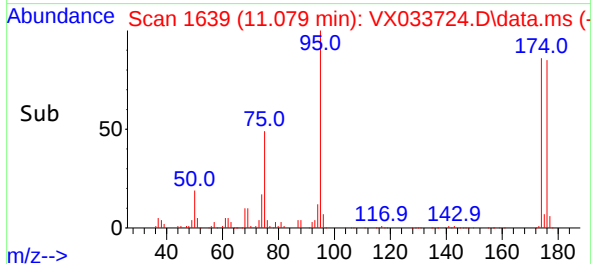
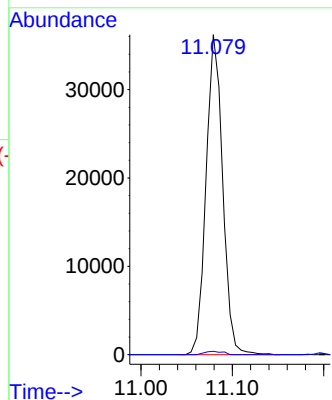
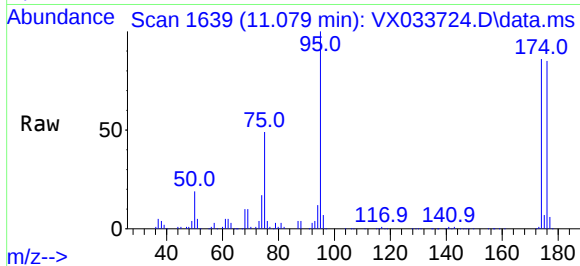




#76
1,2,3-Trichloropropane
Concen: 25.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

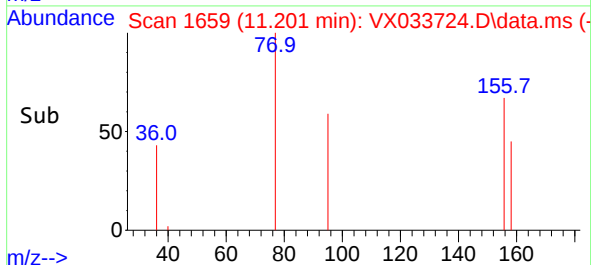
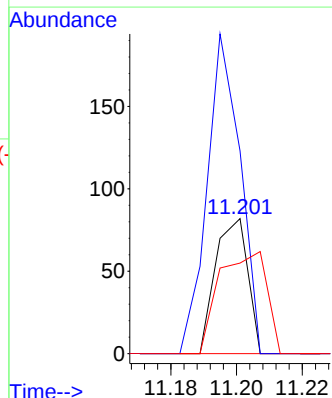
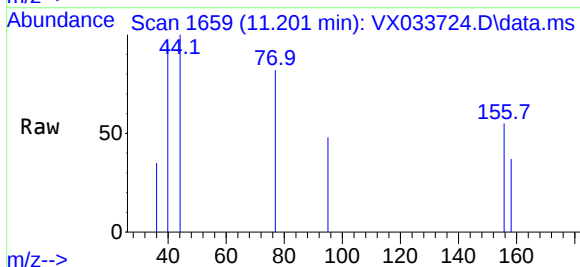
Instrument :
MSVOA_X
ClientSampleId :

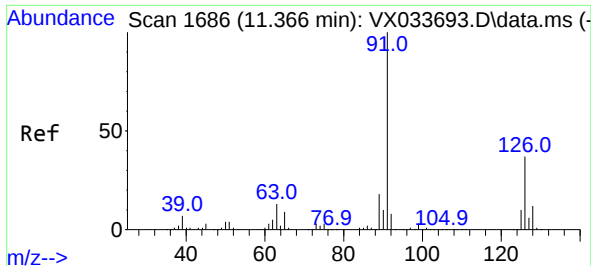
Tgt Ion: 75 Resp: 45543
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

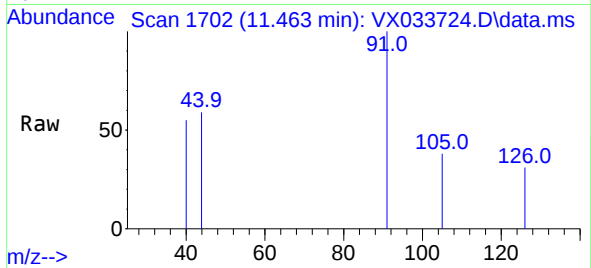
Tgt Ion:156 Resp: 56
Ion Ratio Lower Upper
156 100
77 241.1 68.1 204.3#
158 110.7 48.0 144.2



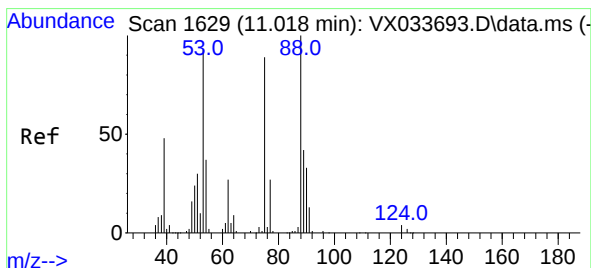
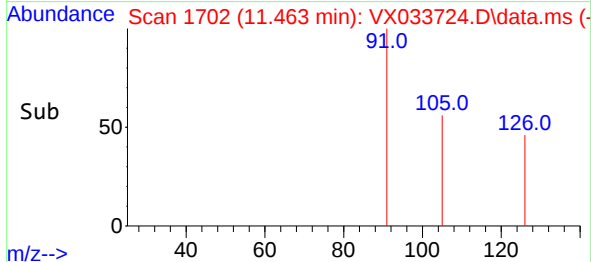
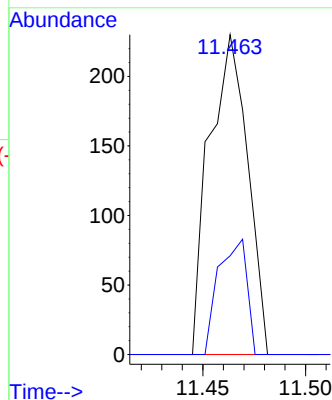


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 11
Delta R.T. 0.097 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

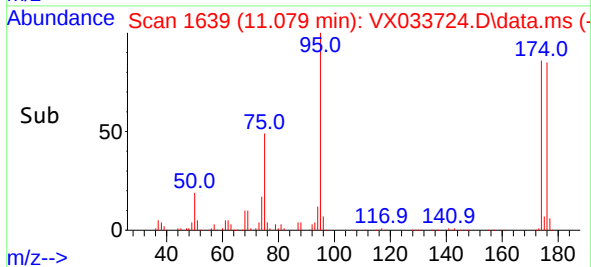
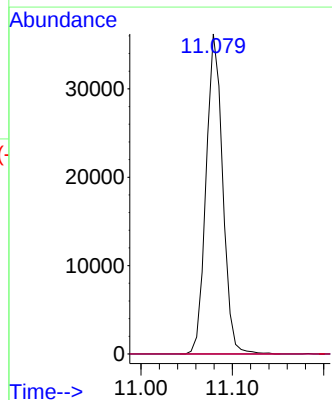
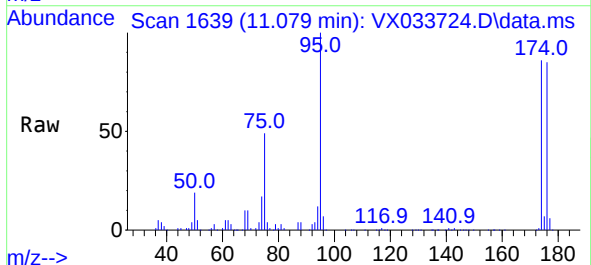


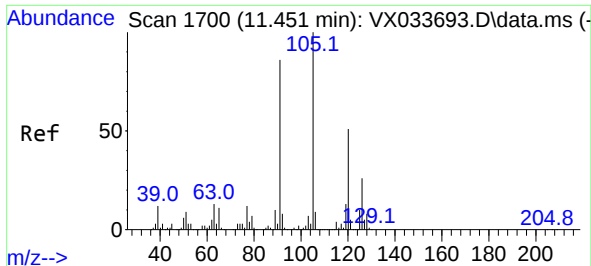
Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 26.5 18.1 54.1



#81
trans-1,4-Dichloro-2-butene
Concen: 78.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 75 Resp: 45543
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

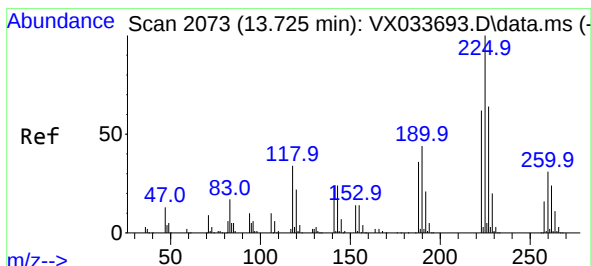
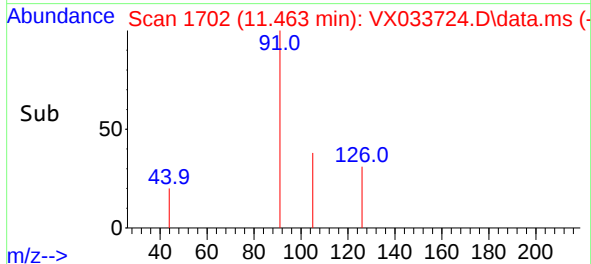
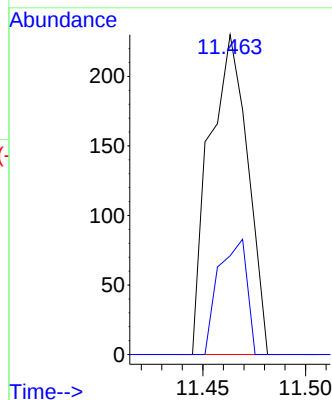
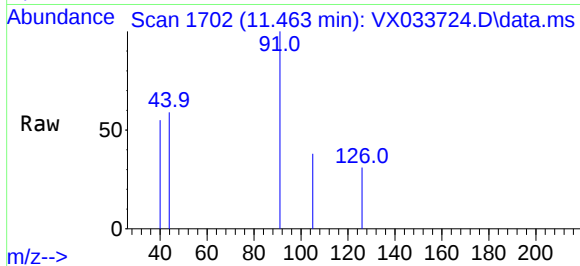




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 26.5 15.8 47.4



#94
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX033724.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 225 Resp: 358
Ion Ratio Lower Upper
225 100
223 50.0 31.3 93.9
227 60.1 32.3 96.9

