

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025770.D
 Acq On : 14 Dec 2021 11:20
 Operator : JC/MD
 Sample : VX1214MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 07:01:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

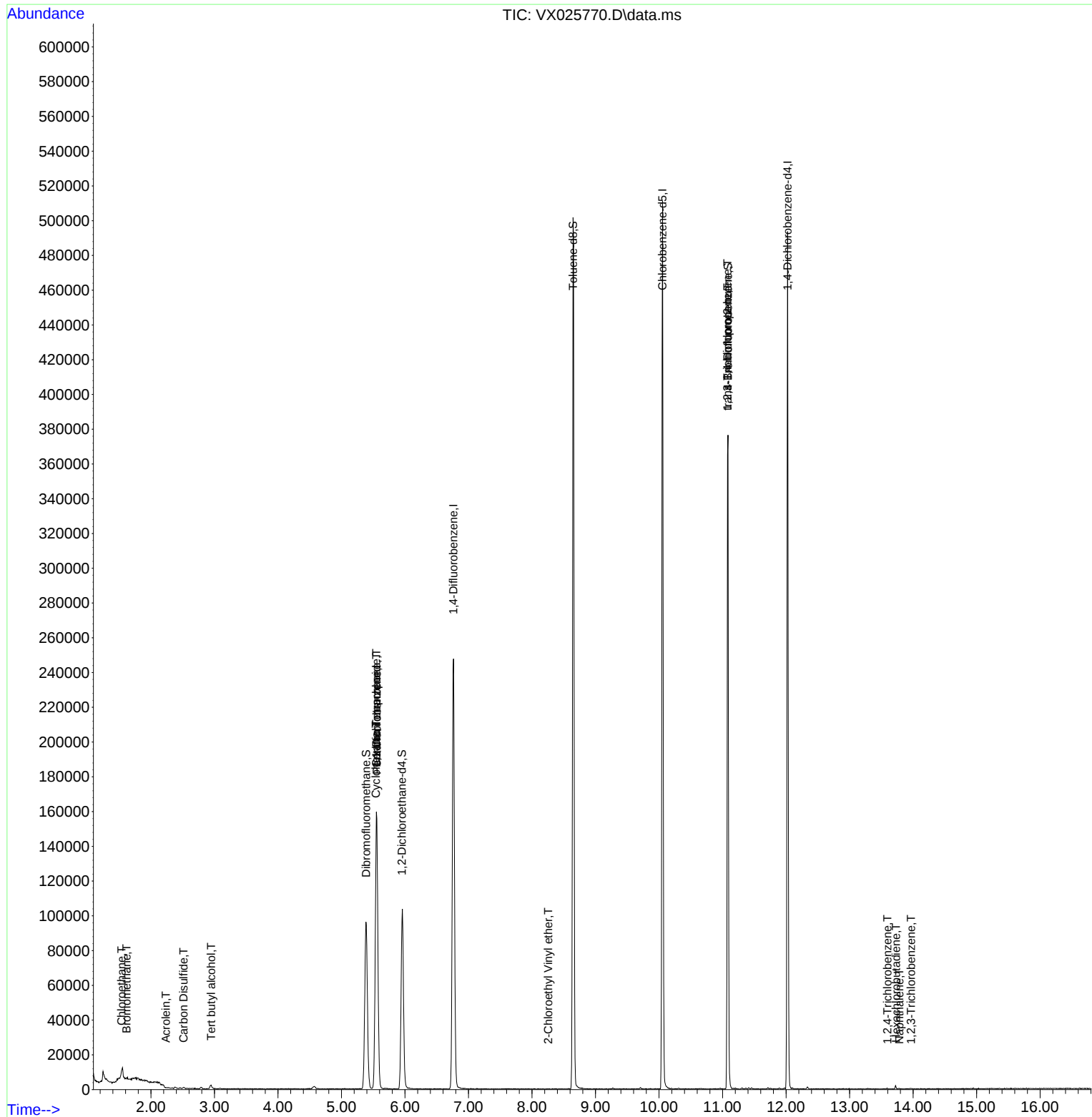
Internal Standards						
1) Pentafluorobenzene	5.556	168	148201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96497	45.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.385	113	83720	46.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.647	98	300990	46.210	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.420%
62) 4-Bromofluorobenzene	11.085	95	104738	42.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	386	0.294	ug/l #	79
6) Chloroethane	1.538	64	9730	7.318	ug/l #	47
11) Tert butyl alcohol	2.947	59	1369	3.201	ug/l #	73
13) Acrolein	2.233	56	102	0.349	ug/l #	38
16) Acetone	2.374	43	726	Below Cal	#	60
17) Carbon Disulfide	2.514	76	989	0.220	ug/l #	75
20) Methylene Chloride	2.794	84	365	Below Cal	#	74
31) Cyclohexane	5.544	56	3172	1.223	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	11381	4.694	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15644	5.546	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.257	63	26	15.654	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	53204	23.525	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53204	72.934	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.597	180	152	3.442	ug/l #	84
94) Hexachlorobutadiene	13.731	225	274	0.394	ug/l	90
95) Naphthalene	13.786	128	466	2.477	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.969	180	199	3.089	ug/l #	79

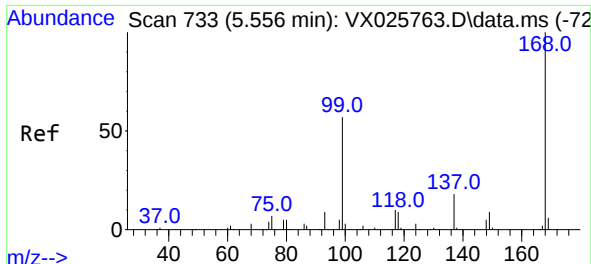
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

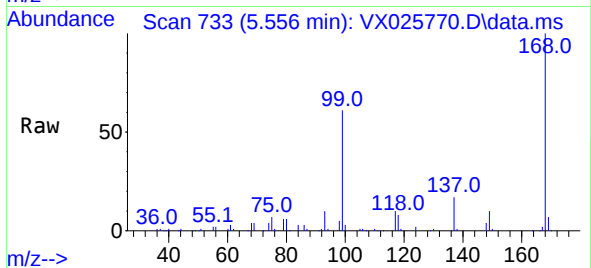
Quant Time: Dec 15 07:01:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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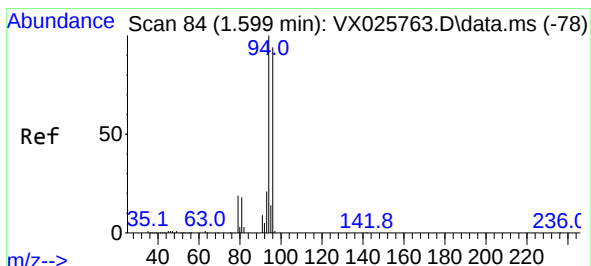
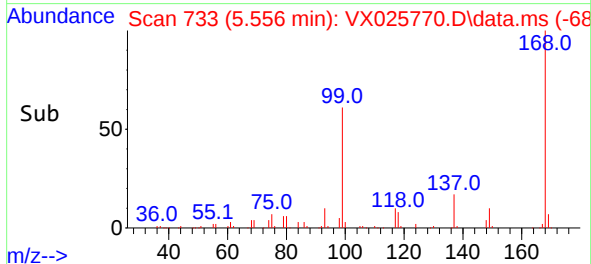
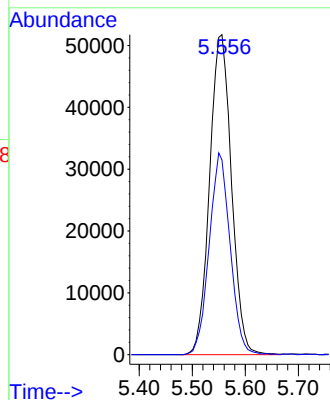


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Instrument :
MSVOA_X
ClientSampleId :

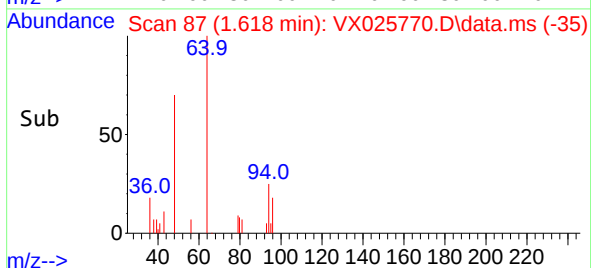
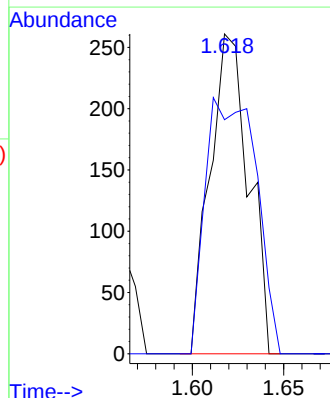
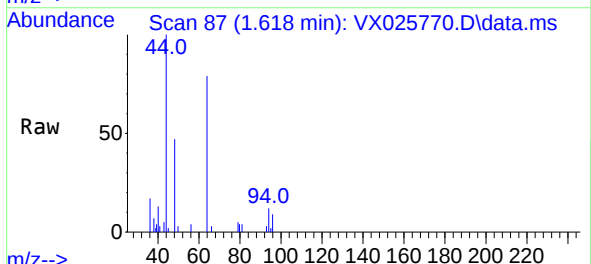


Tgt Ion:168 Resp: 148201
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.8

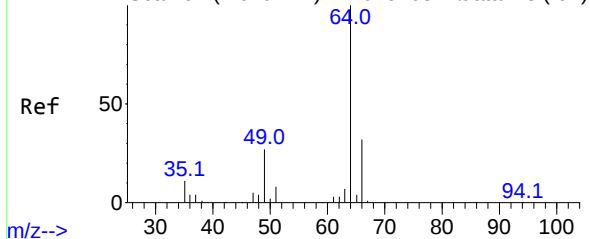


#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 73.2 75.0 112.4#



Abundance Scan 97 (1.679 min): VX025763.D\data.ms (-91)

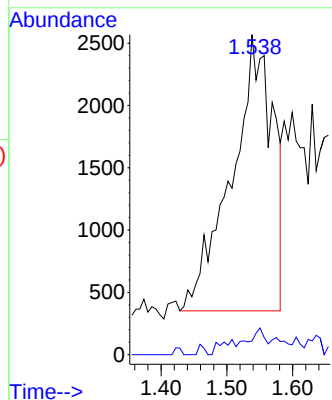
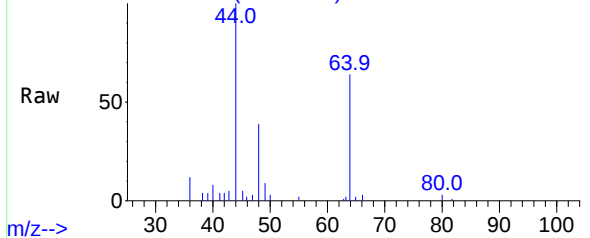


#6
Chloroethane
Concen: 7.318 ug/l
RT: 1.538 min Scan# 74
Delta R.T. -0.140 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

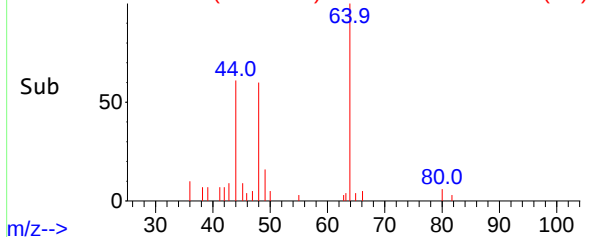
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 9730
Ion Ratio Lower Upper
64 100
66 2.6 25.9 38.9#

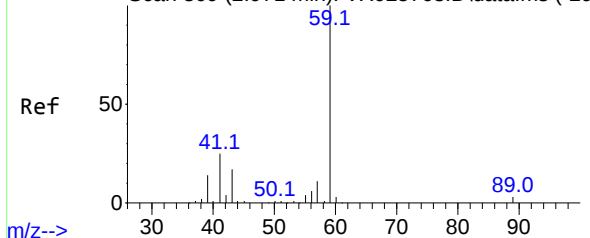
Abundance Scan 74 (1.538 min): VX025770.D\data.ms



Abundance Scan 74 (1.538 min): VX025770.D\data.ms (-48)



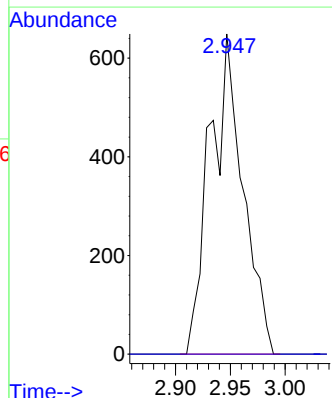
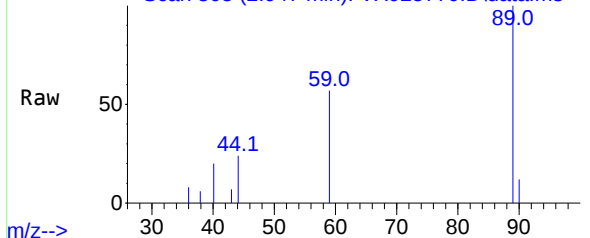
Abundance Scan 309 (2.971 min): VX025763.D\data.ms (-29)



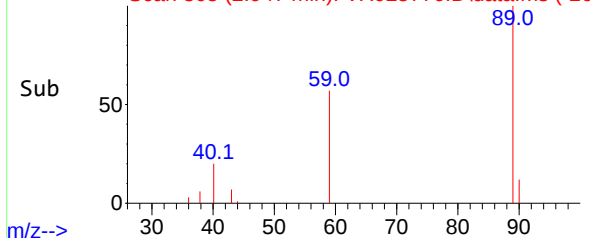
#11
Tert butyl alcohol
Concen: 3.201 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Tgt Ion: 59 Resp: 1369
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

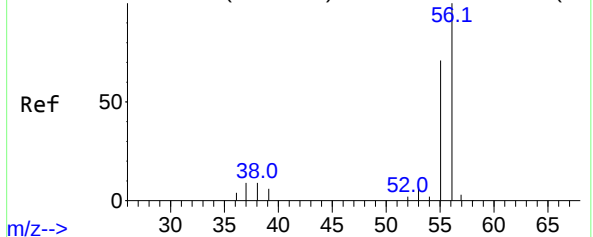
Abundance Scan 305 (2.947 min): VX025770.D\data.ms



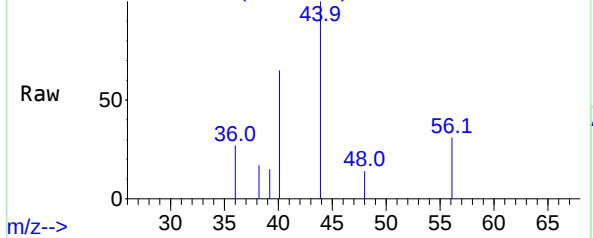
Abundance Scan 305 (2.947 min): VX025770.D\data.ms (-26)



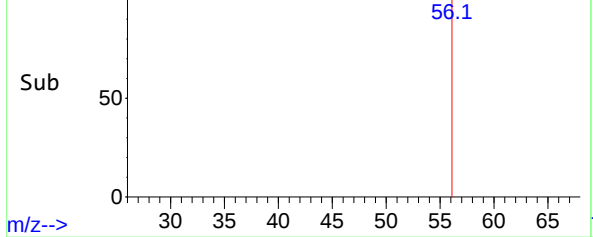
Abundance Scan 189 (2.240 min): VX025763.D\data.ms (-18



Abundance Scan 188 (2.233 min): VX025770.D\data.ms



Abundance Scan 188 (2.233 min): VX025770.D\data.ms (-14



#13

Acrolein

Concen: 0.349 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX025770.D

Acq: 14 Dec 2021 11:20

Instrument :

MSVOA_X

ClientSampleId :

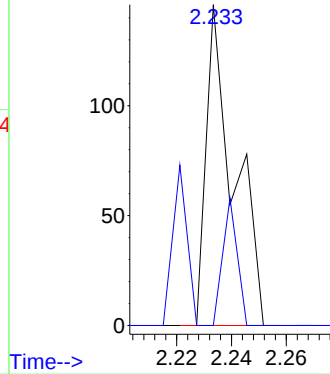
Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

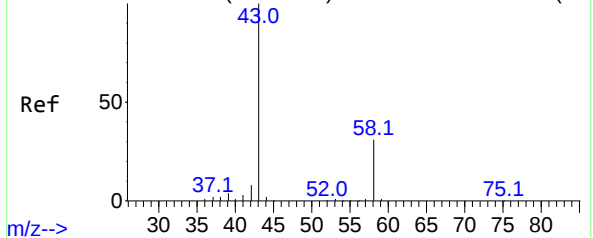
56 100

55 20.6 57.4 86.2#

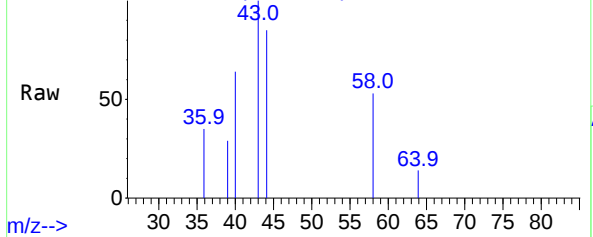
Abundance



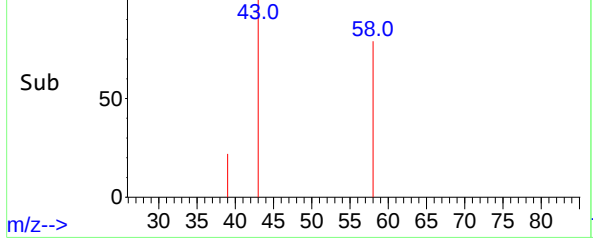
Abundance Scan 212 (2.380 min): VX025763.D\data.ms (-20



Abundance Scan 211 (2.374 min): VX025770.D\data.ms



Abundance Scan 211 (2.374 min): VX025770.D\data.ms (-16



#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX025770.D

Acq: 14 Dec 2021 11:20

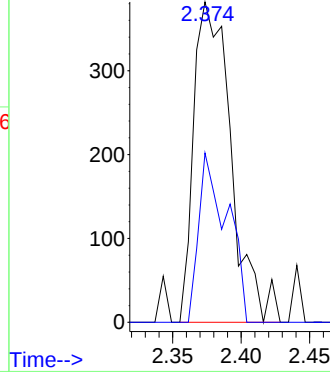
Tgt Ion: 43 Resp: 726

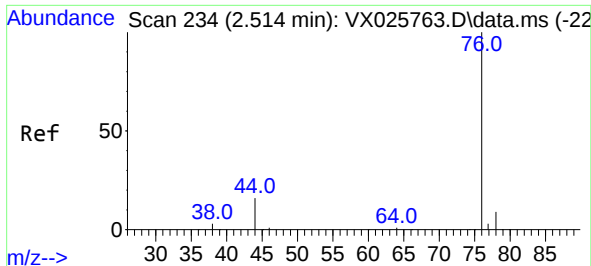
Ion Ratio Lower Upper

43 100

58 52.9 24.8 37.2#

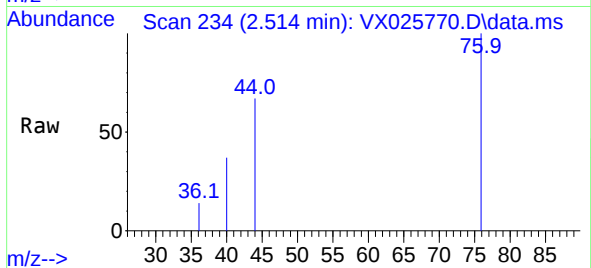
Abundance



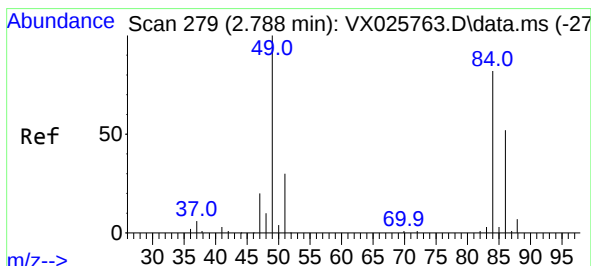
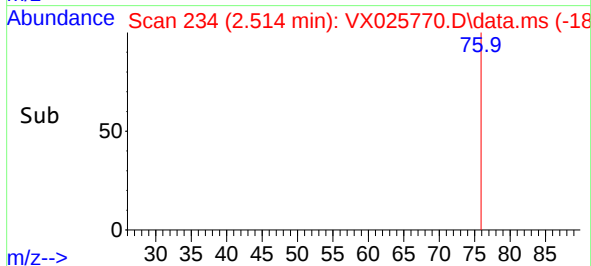
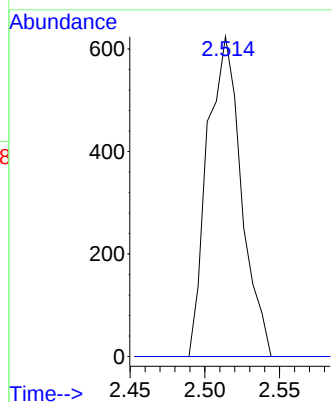


#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Instrument :
MSVOA_X
ClientSampleId :

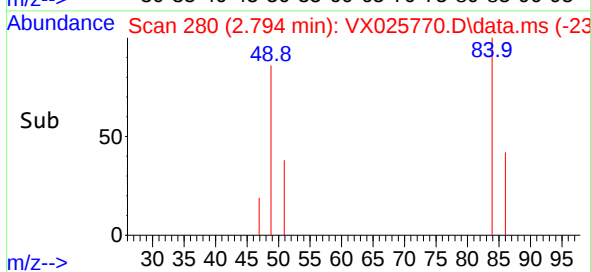
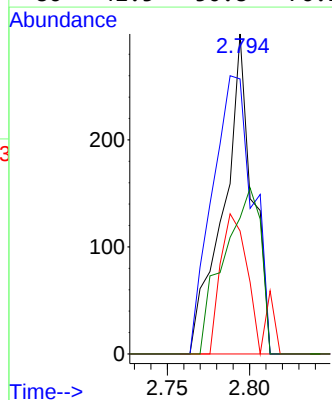
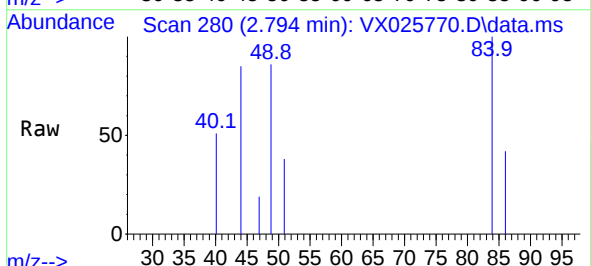


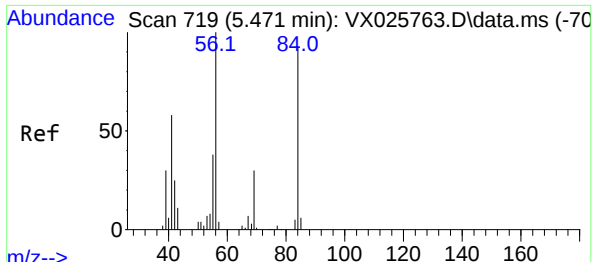
Tgt Ion: 76 Resp: 989
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

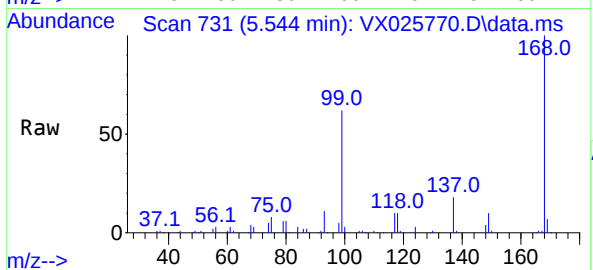
Tgt Ion: 84 Resp: 365
Ion Ratio Lower Upper
84 100
49 86.0 97.1 145.7#
51 38.5 29.3 43.9
86 42.5 50.8 76.2#



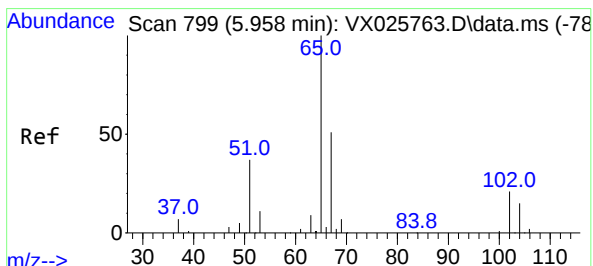
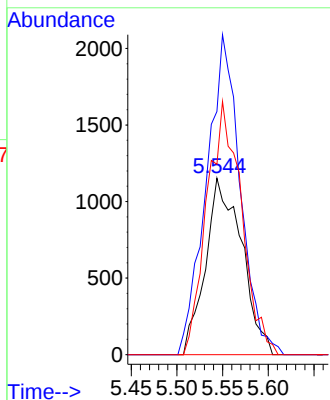
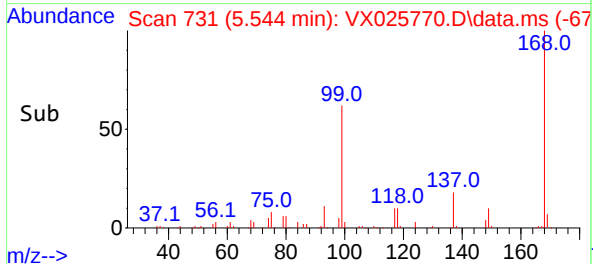


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Instrument :
MSVOA_X
ClientSampleId :

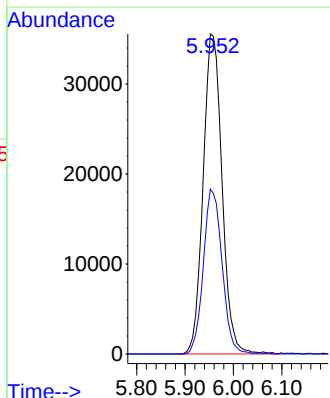
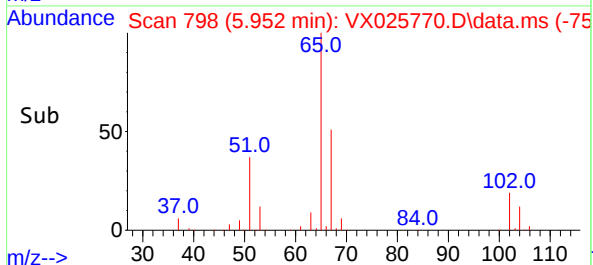
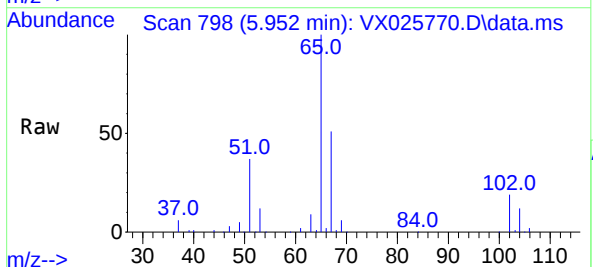


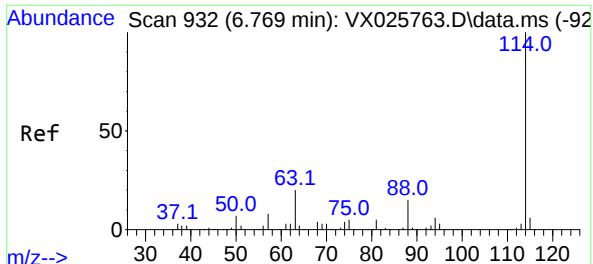
Tgt Ion: 56 Resp: 3172
Ion Ratio Lower Upper
56 100
69 137.7 23.9 35.9#
84 107.8 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 45.254 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Tgt Ion: 65 Resp: 96497
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025770.D

Acq: 14 Dec 2021 11:20

Instrument :

MSVOA_X

ClientSampleId :

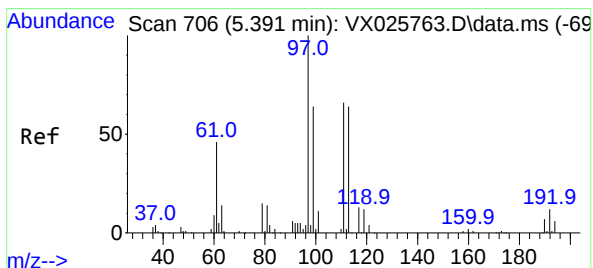
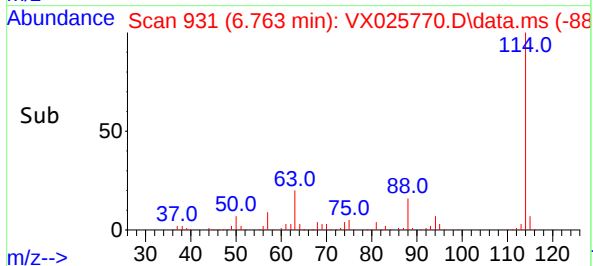
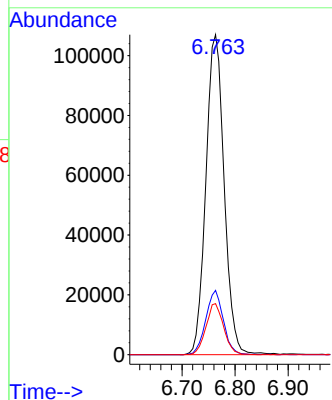
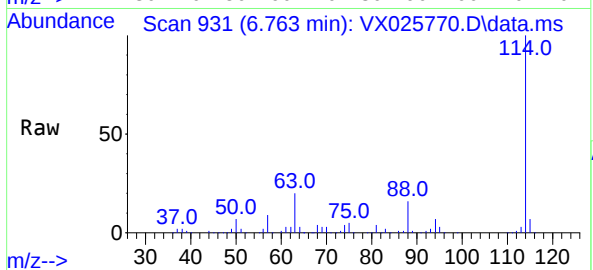
Tgt Ion:114 Resp: 256336

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.831 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX025770.D

Acq: 14 Dec 2021 11:20

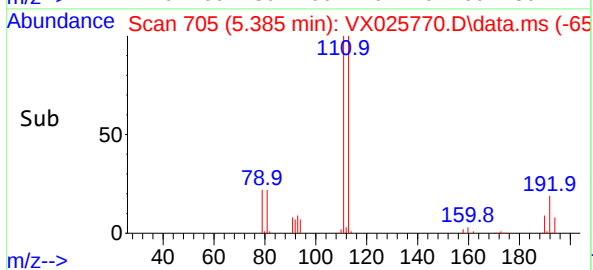
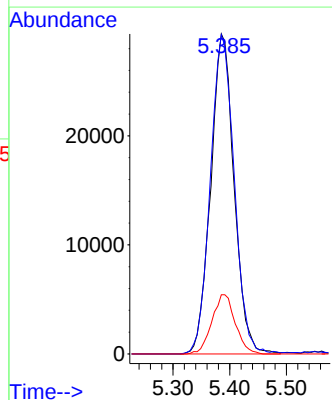
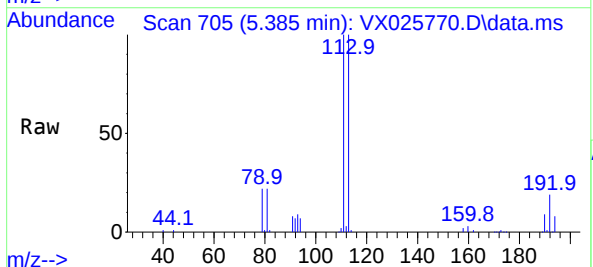
Tgt Ion:113 Resp: 83720

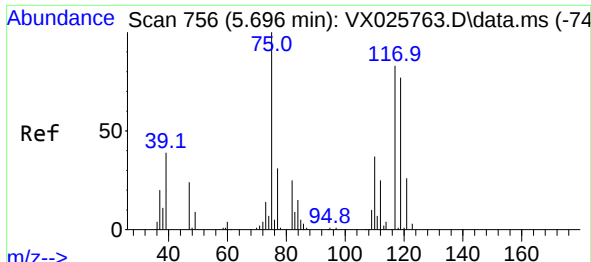
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

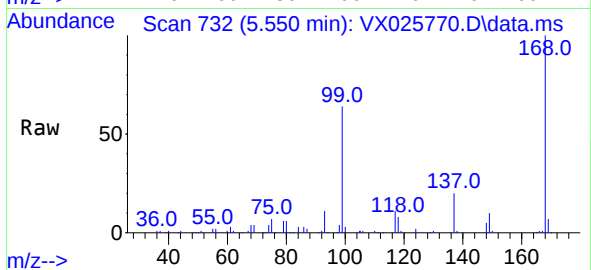
192 18.5 15.0 22.4



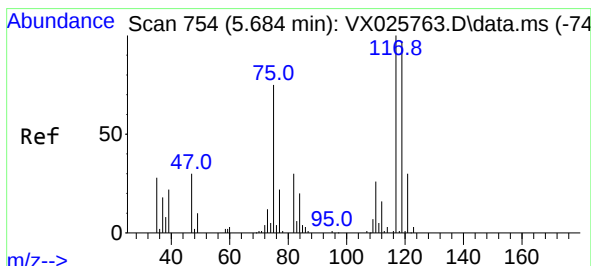
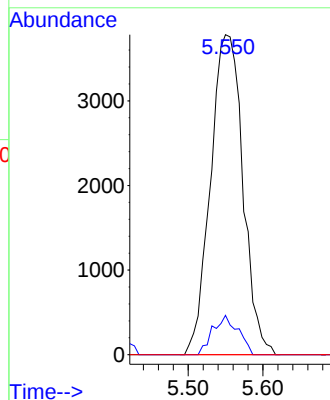
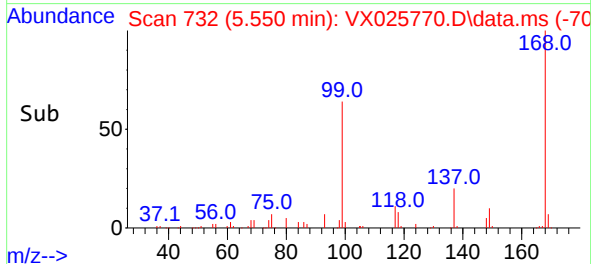


#36
1,1-Dichloropropene
Concen: 4.694 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

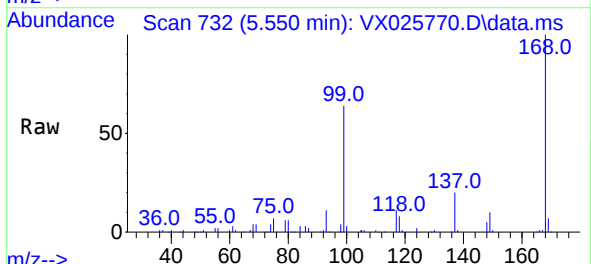
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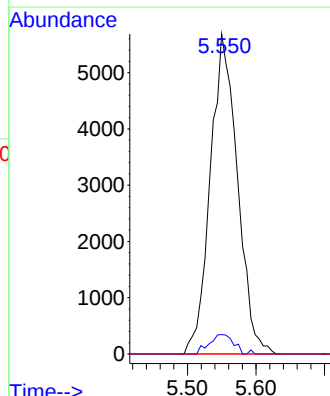
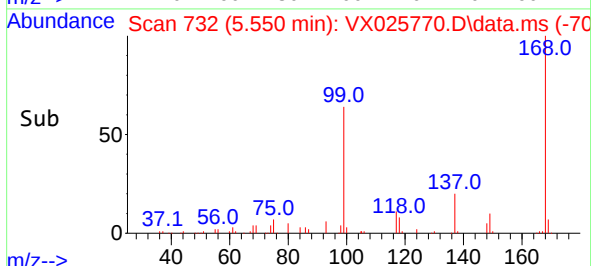
Tgt Ion: 75 Resp: 11381
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#

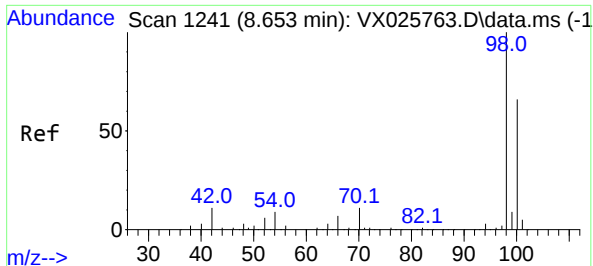


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20



Tgt Ion: 117 Resp: 15644
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 23.8 35.8#

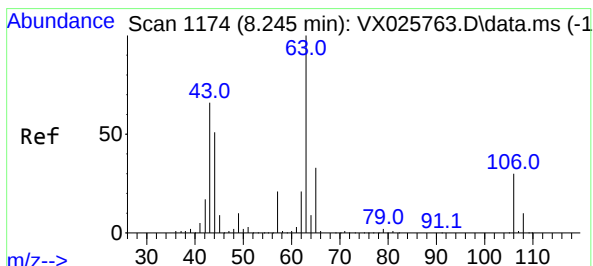
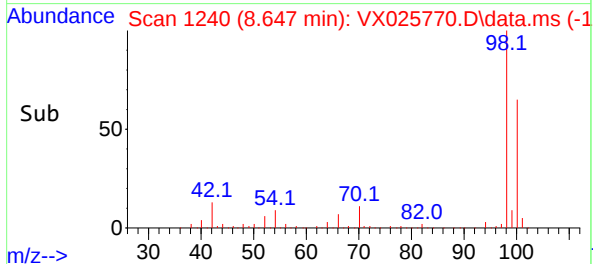
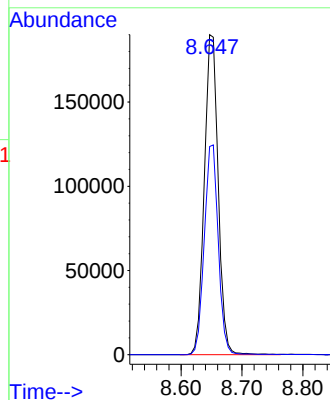
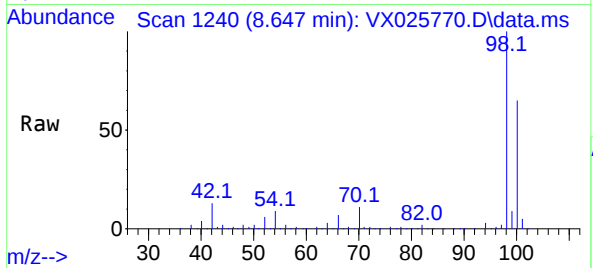




#50
Toluene-d8
Concen: 46.210 ug/l
RT: 8.647 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

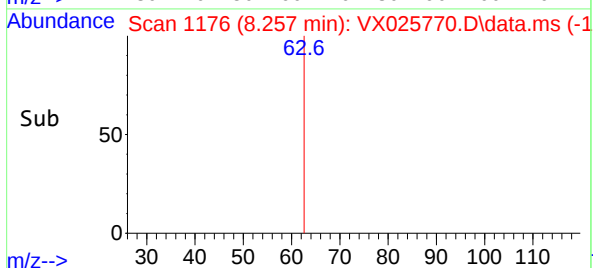
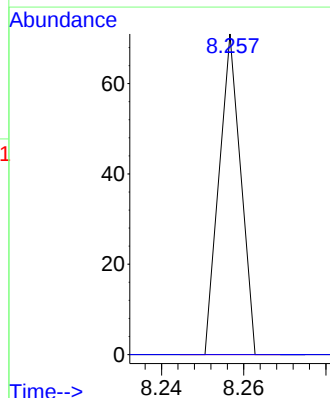
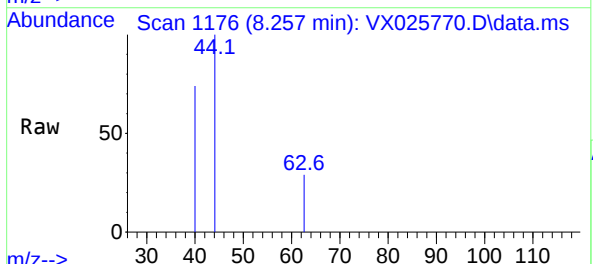
Instrument :
MSVOA_X
ClientSampleId :

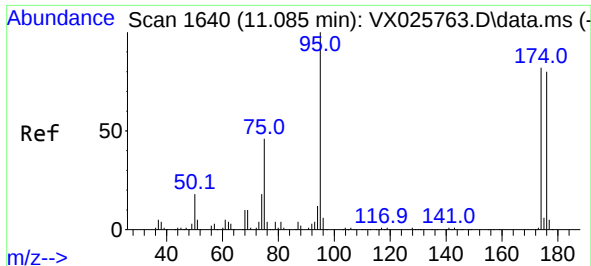
Tgt Ion: 98 Resp: 300990
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 15.654 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

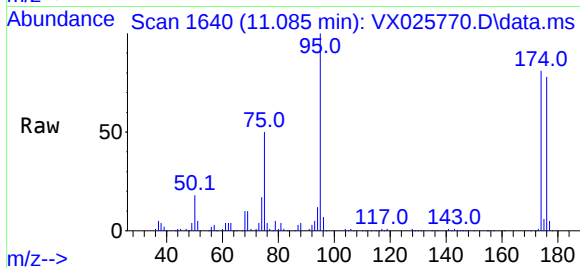
Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#



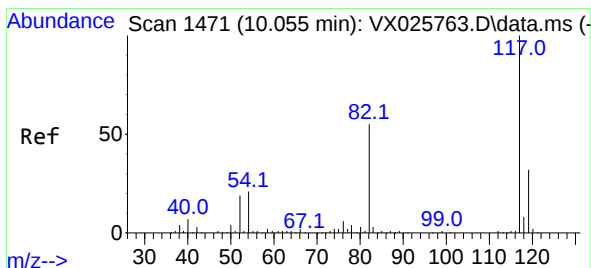
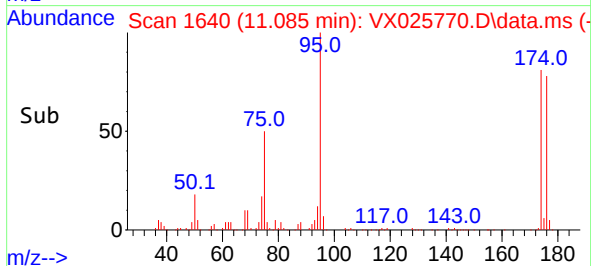
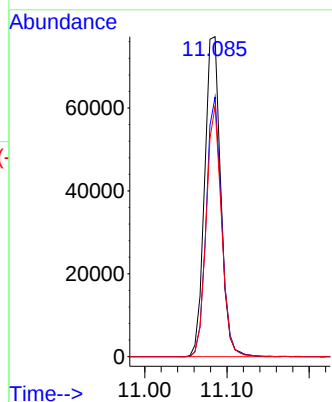


#62
4-Bromofluorobenzene
Concen: 42.331 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Instrument :
MSVOA_X
ClientSampleId :

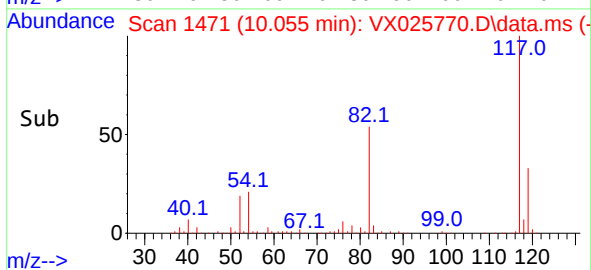
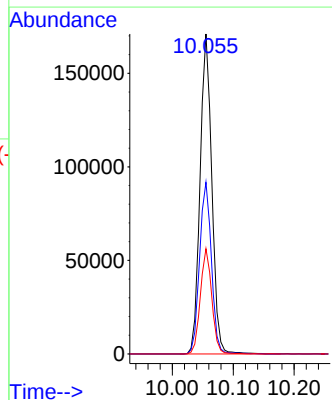
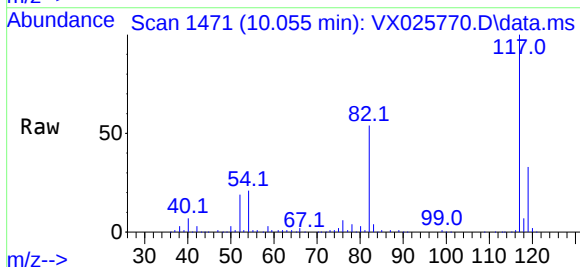


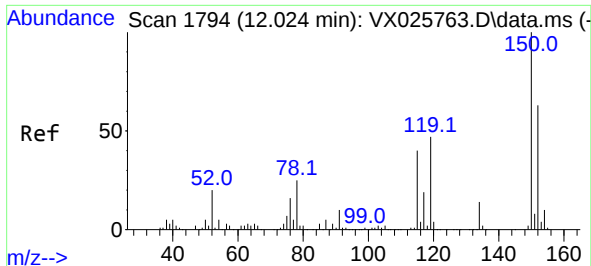
Tgt Ion: 95 Resp: 104738
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.4
176 74.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

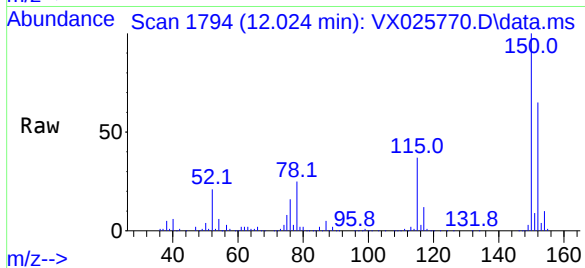
Tgt Ion: 117 Resp: 229574
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 32.9 25.2 37.8



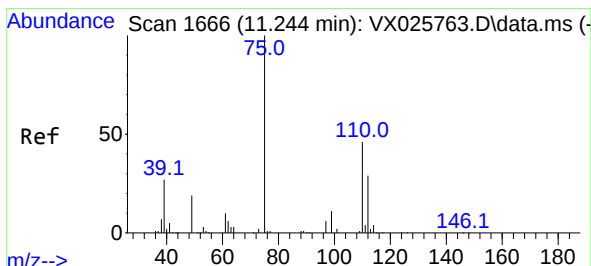
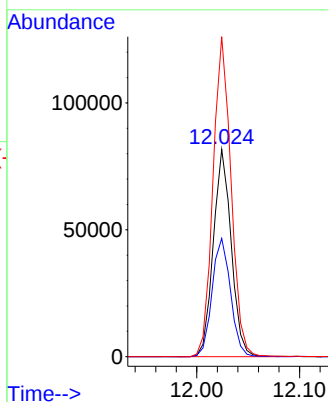
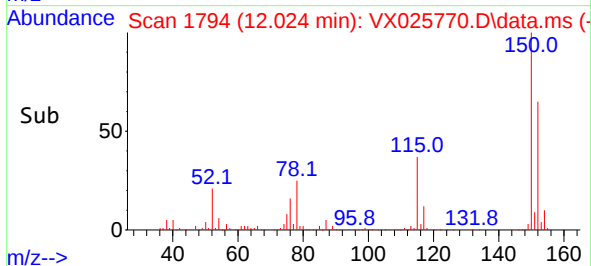


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

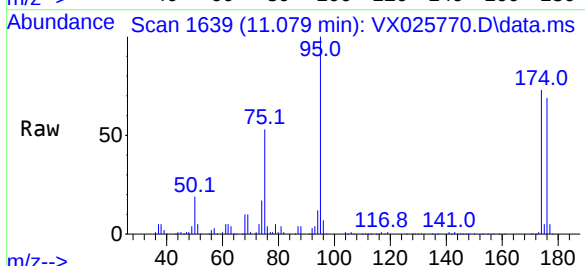
Instrument :
MSVOA_X
ClientSampleId :



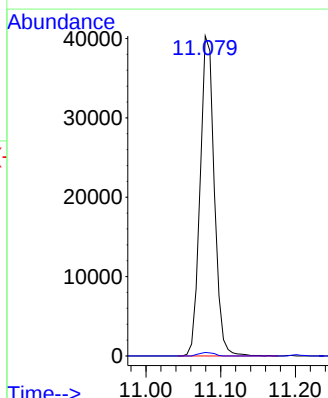
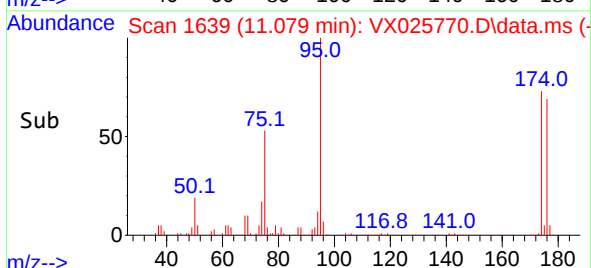
Tgt Ion:152 Resp: 98709
Ion Ratio Lower Upper
152 100
115 58.7 41.3 123.9
150 155.8 0.0 351.8

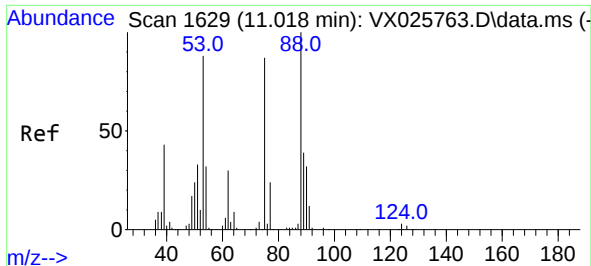


#76
1,2,3-Trichloropropane
Concen: 23.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20



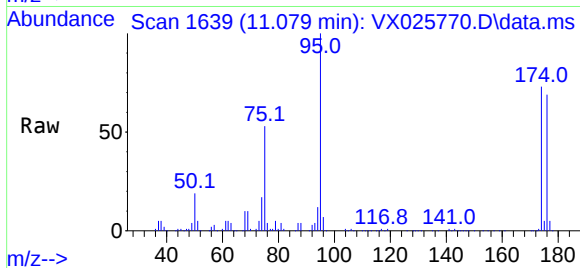
Tgt Ion: 75 Resp: 53204
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



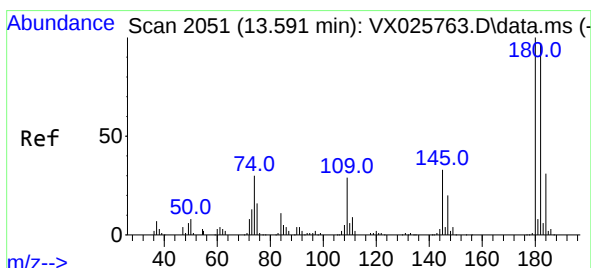
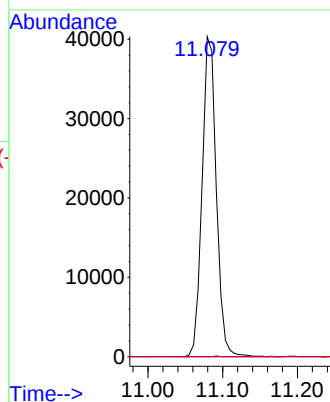
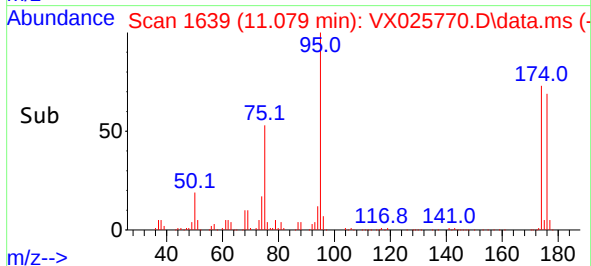


#81
trans-1,4-Dichloro-2-butene
Concen: 72.934 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

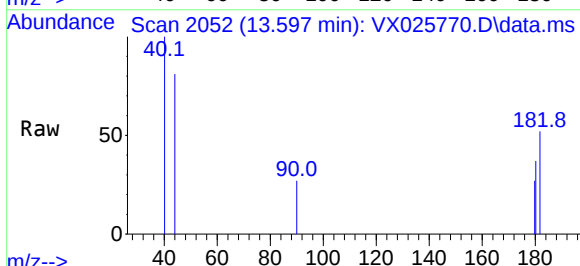
Instrument :
MSVOA_X
ClientSampleId :



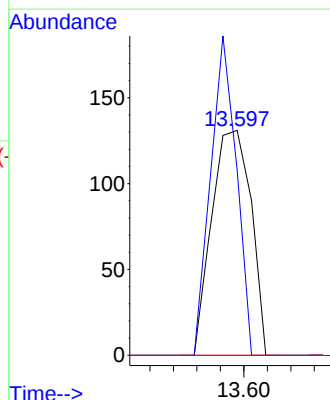
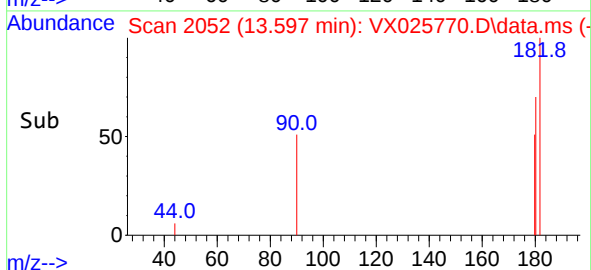
Tgt Ion: 75 Resp: 53204
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.1 38.3 57.5#

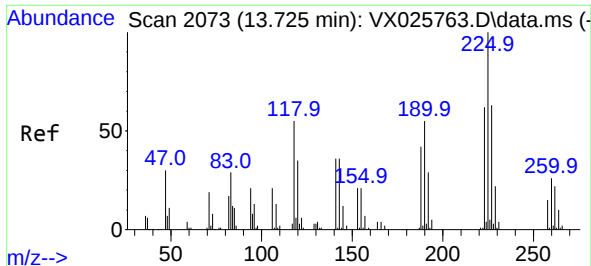


#93
1,2,4-Trichlorobenzene
Concen: 3.442 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20



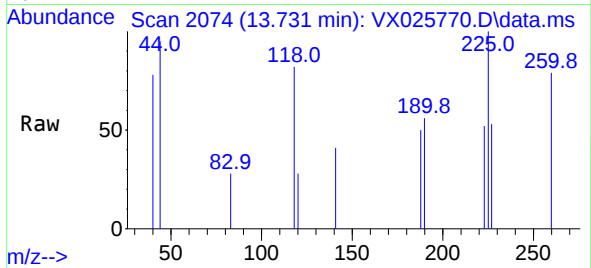
Tgt Ion: 180 Resp: 152
Ion Ratio Lower Upper
180 100
182 92.8 47.2 141.6
145 0.0 16.3 48.9#



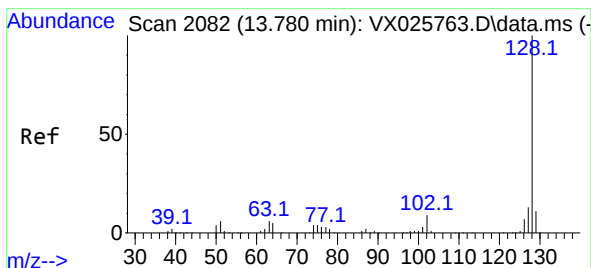
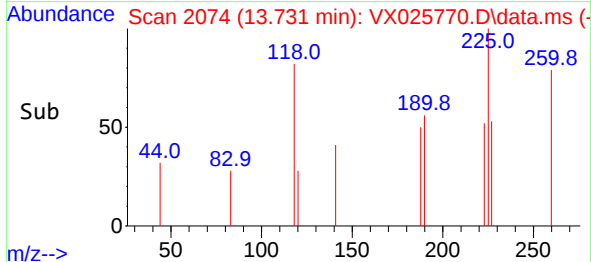
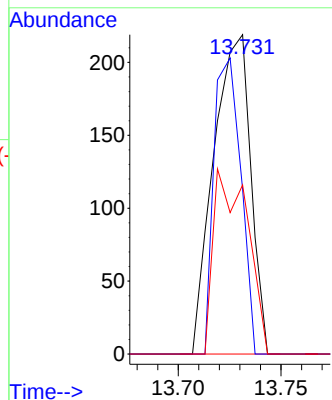


#94
Hexachlorobutadiene
Concen: 0.394 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Instrument :
MSVOA_X
ClientSampleId :

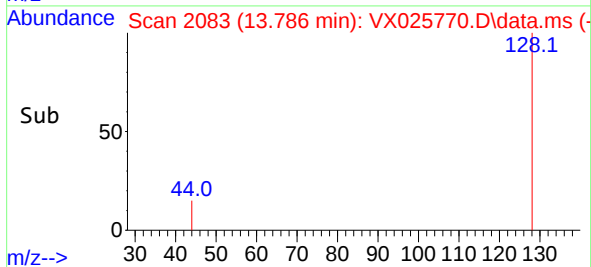
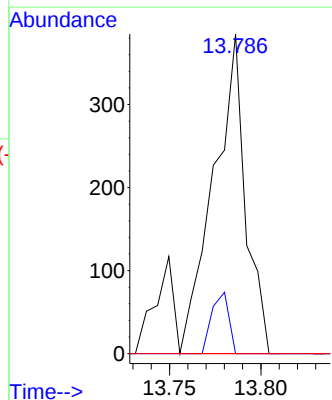
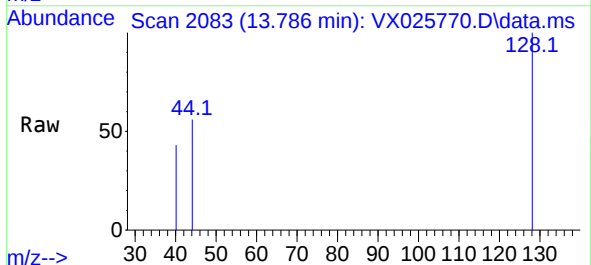


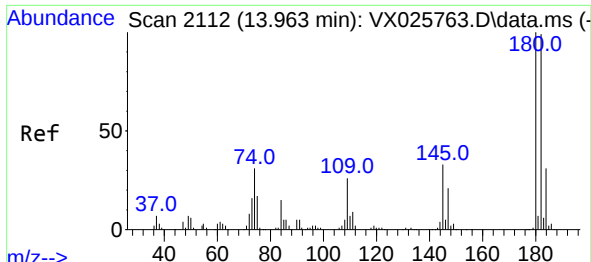
Tgt Ion:225 Resp: 274
Ion Ratio Lower Upper
225 100
223 67.2 31.6 95.0
227 53.3 32.5 97.5



#95
Naphthalene
Concen: 2.477 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025770.D
Acq: 14 Dec 2021 11:20

Tgt Ion:128 Resp: 466
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 0.0 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 3.089 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

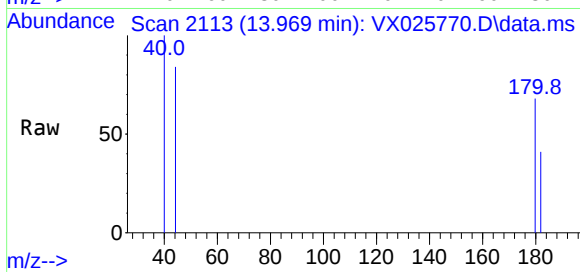
Lab File: VX025770.D

Acq: 14 Dec 2021 11:20

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 199

Ion Ratio Lower Upper

180 100

182 87.4 47.5 142.6

145 0.0 16.7 50.1#

