

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033387.D
 Acq On : 13 Dec 2022 13:12
 Operator : JC/MD
 Sample : N6001-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Dec 14 05:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

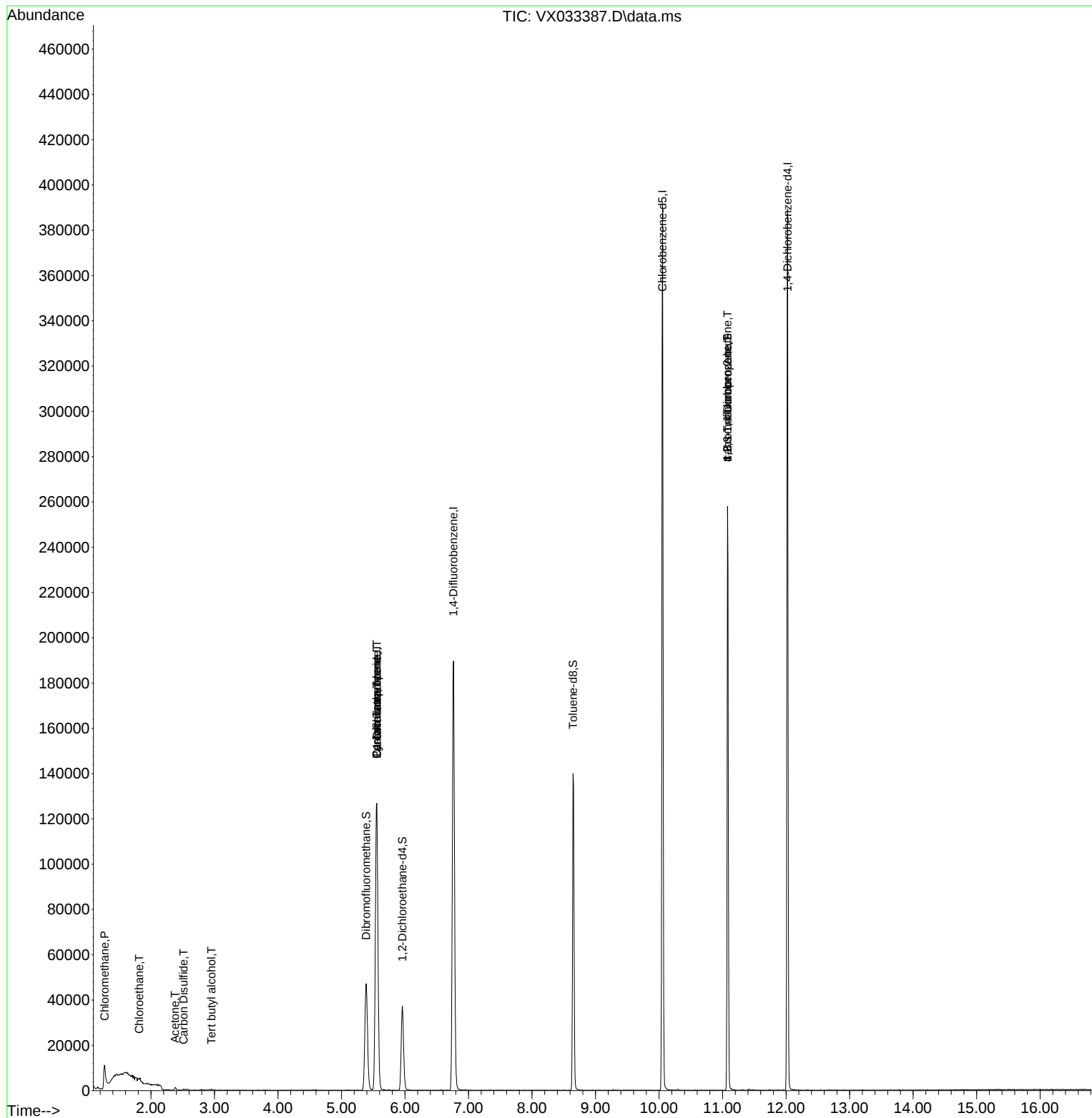
Internal Standards						
1) Pentafluorobenzene	5.556	168	123751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37790	47.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.385	113	42003	46.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	8.647	98	87370	46.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.360%
62) 4-Bromofluorobenzene	11.079	95	67117	46.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	285	0.285	ug/l #	43
6) Chloroethane	1.812	64	1973	2.279	ug/l #	44
11) Tert butyl alcohol	2.953	59	146	0.602	ug/l #	72
16) Acetone	2.379	43	1396	2.376	ug/l	90
17) Carbon Disulfide	2.514	76	775	0.269	ug/l #	74
31) Cyclohexane	5.556	56	2233	1.184	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8546	4.899	ug/l #	47
38) Carbon Tetrachloride	5.556	117	12585	6.439	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	34942	21.056	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34942	65.497	ug/l #	6

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

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ClientSampleId :
MW-4

Quant Time: Dec 14 05:36:21 2022
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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

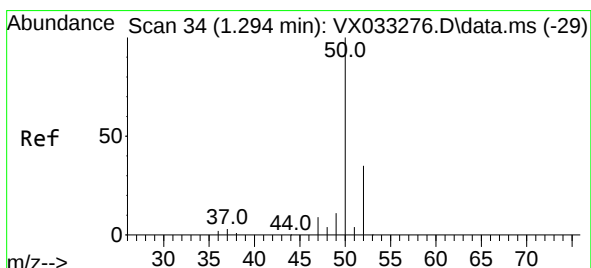
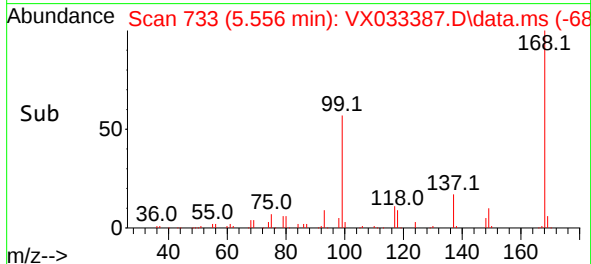
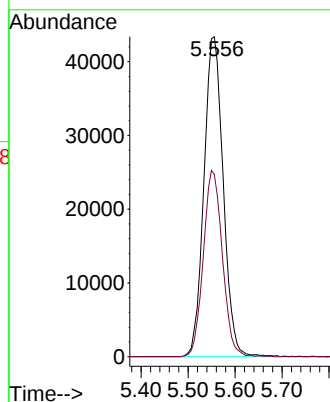
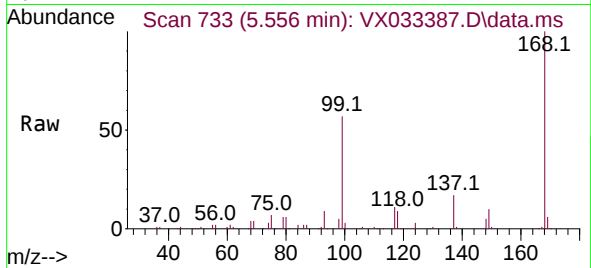




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

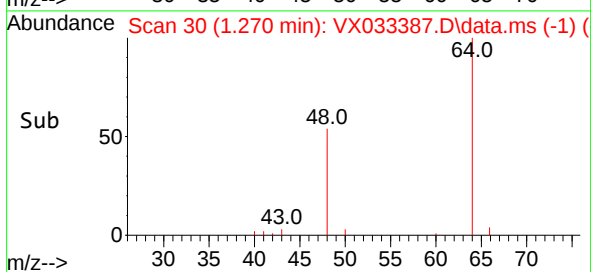
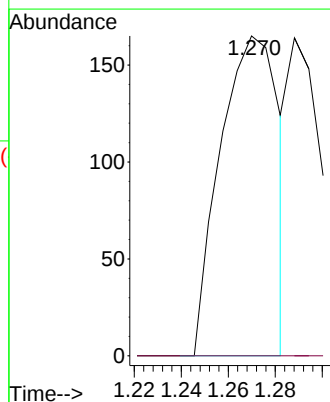
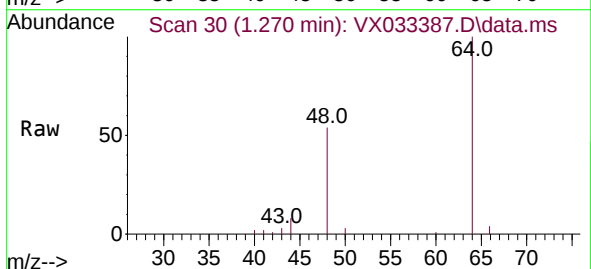
Instrument :
MSVOA_X
ClientSampleId :
MW-4

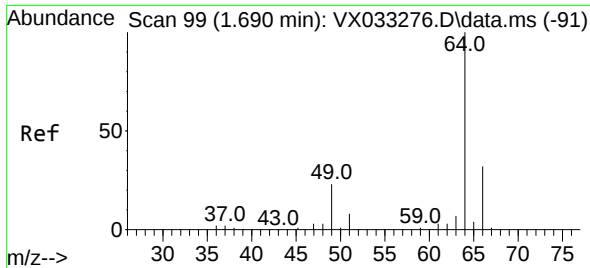
Tgt Ion:168 Resp: 123751
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

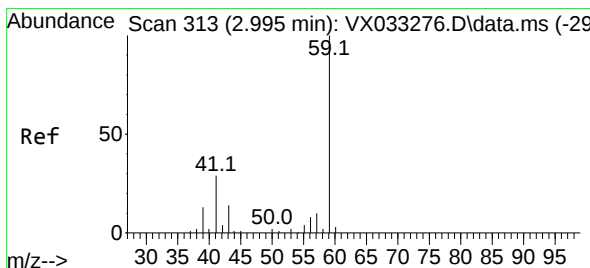
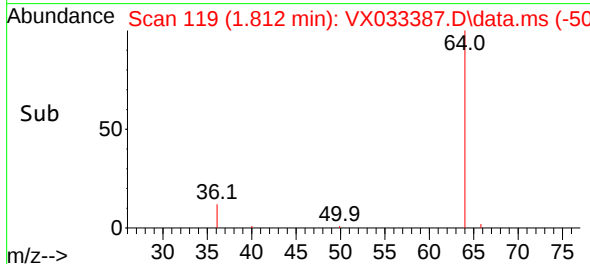
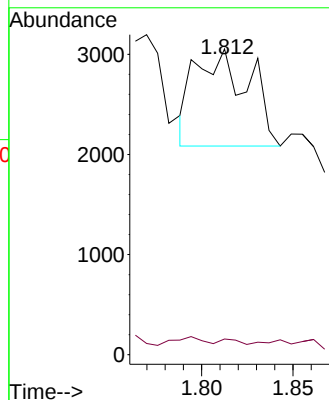
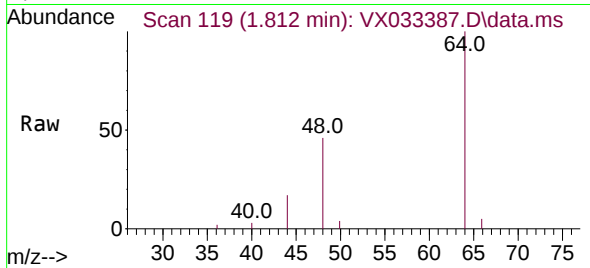




#6
Chloroethane
Concen: 2.279 ug/l
RT: 1.812 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

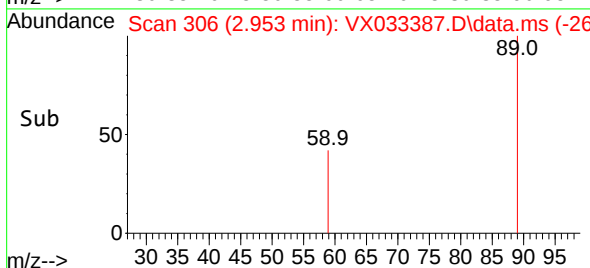
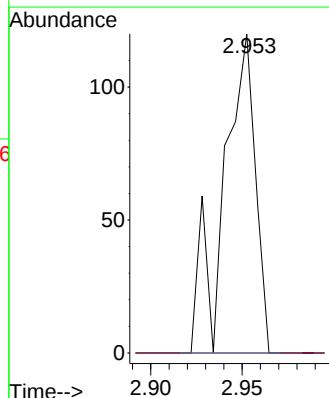
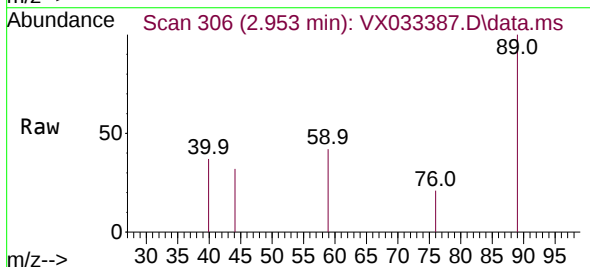
Instrument :
MSVOA_X
ClientSampleId :
MW-4

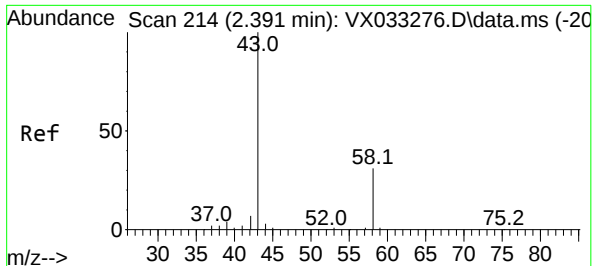
Tgt Ion: 64 Resp: 1973
Ion Ratio Lower Upper
64 100
66 1.1 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.602 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

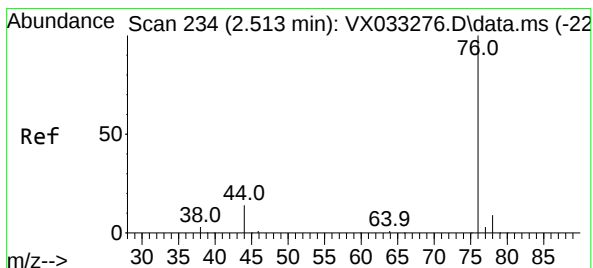
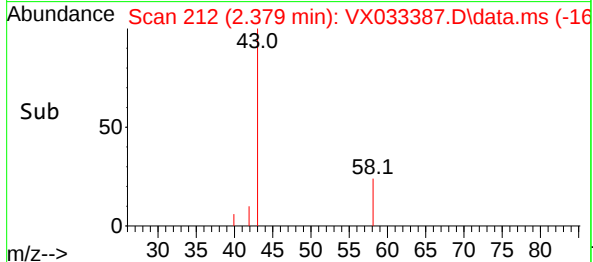
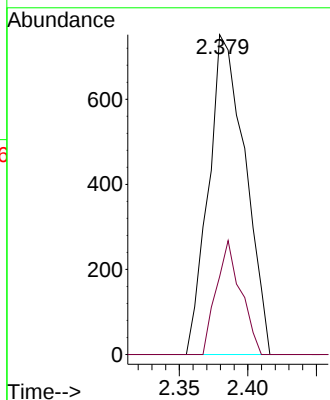
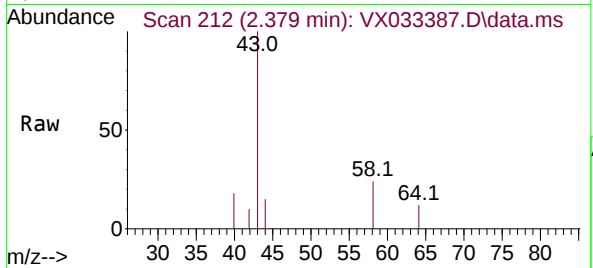




#16
Acetone
Concen: 2.376 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

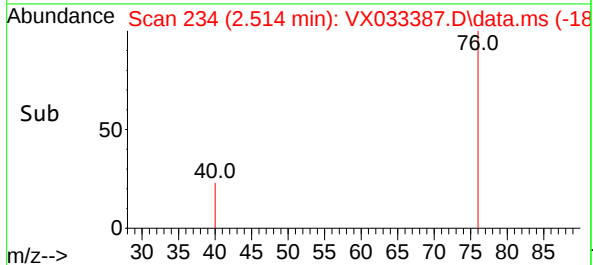
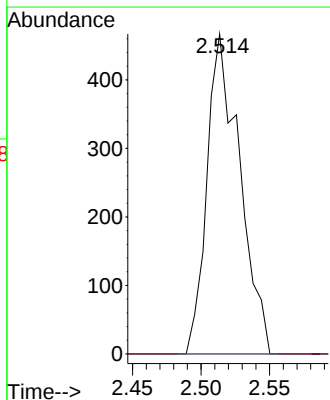
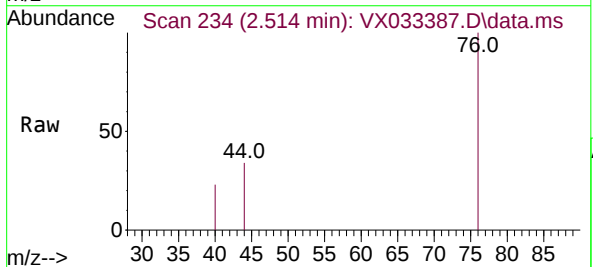
Instrument :
MSVOA_X
ClientSampleId :
MW-4

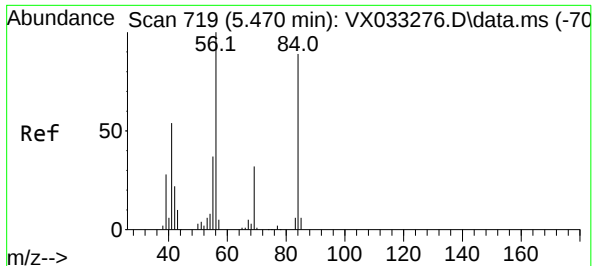
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 24.3 23.8 35.8



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

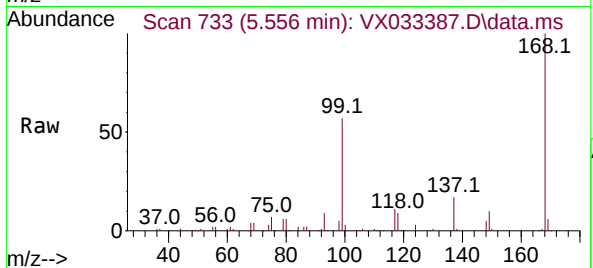
Tgt Ion: 76 Resp: 775
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



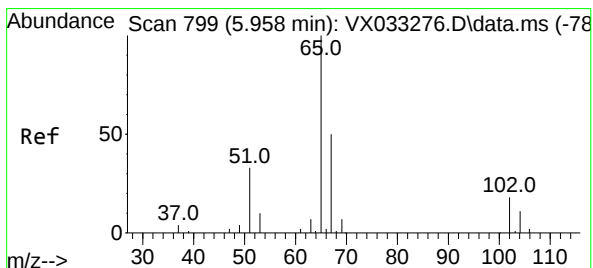
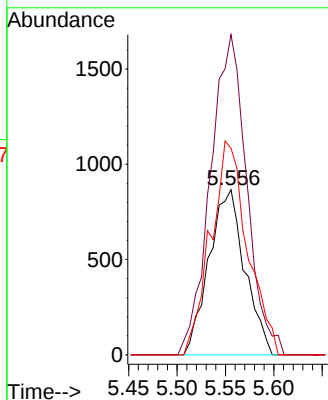
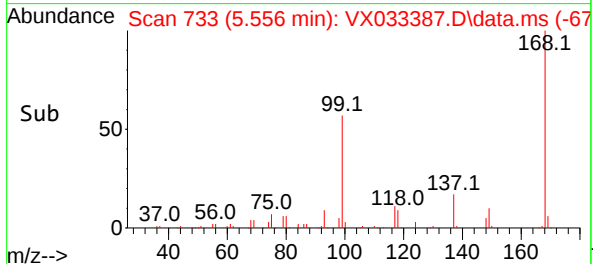


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-4

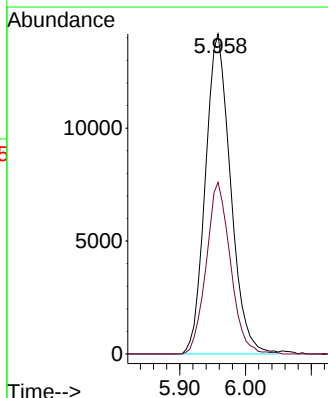
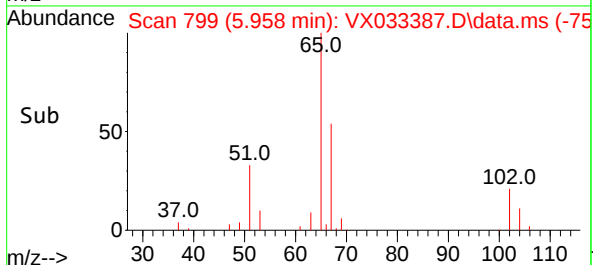
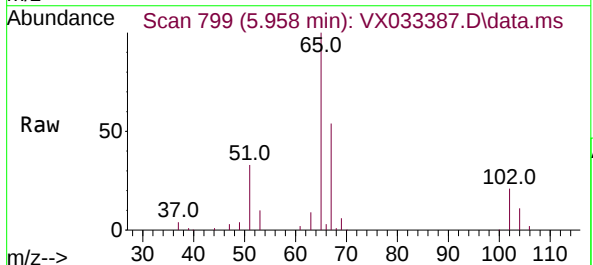


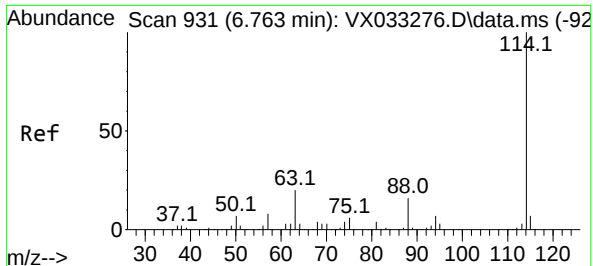
Tgt Ion: 56 Resp: 2233
Ion Ratio Lower Upper
56 100
69 193.9 24.1 36.1#
84 125.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.600 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion: 65 Resp: 37790
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

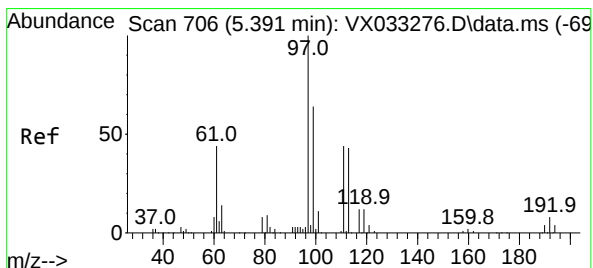
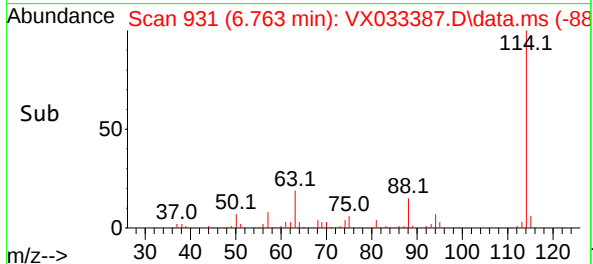
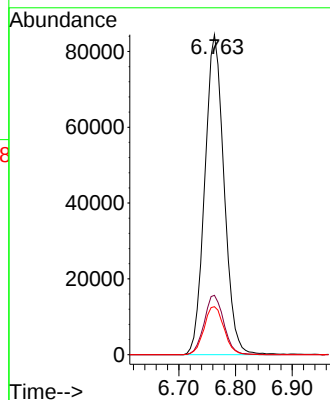
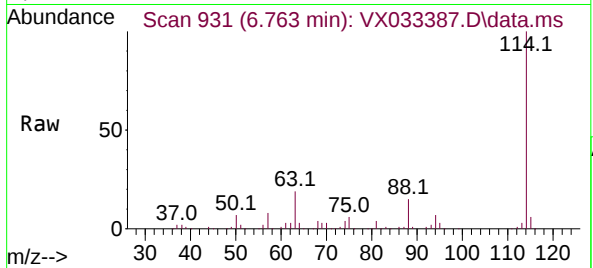




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

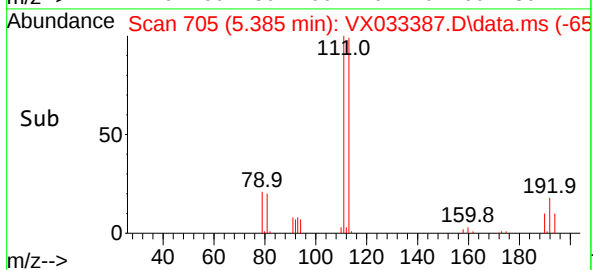
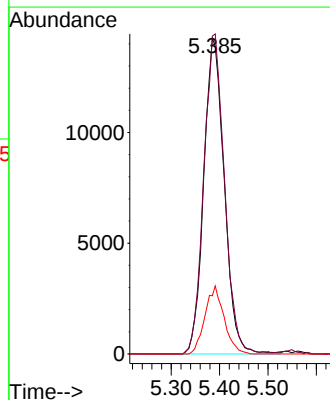
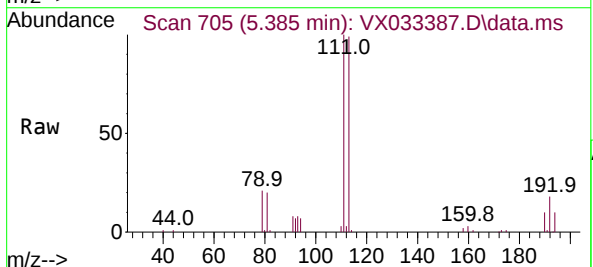
Instrument :
MSVOA_X
ClientSampleId :
MW-4

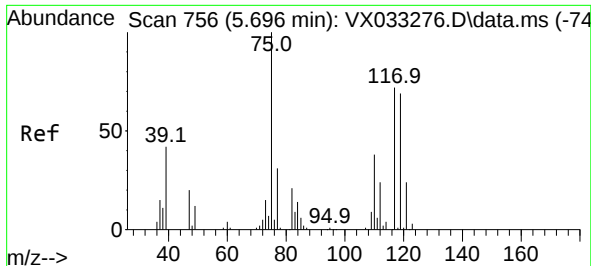
Tgt Ion:114 Resp: 198929
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.944 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion:113 Resp: 42003
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 20.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033387.D

Acq: 13 Dec 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-4

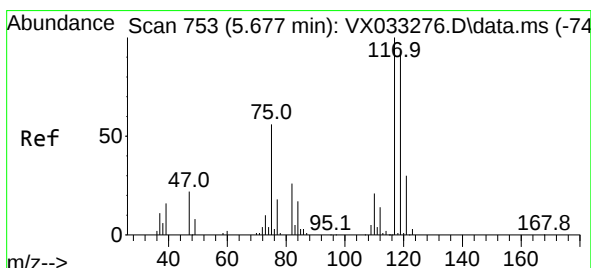
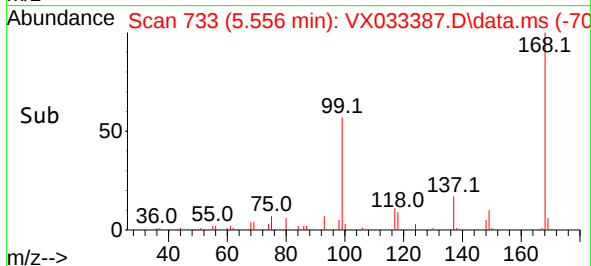
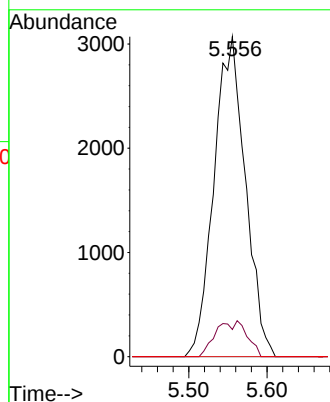
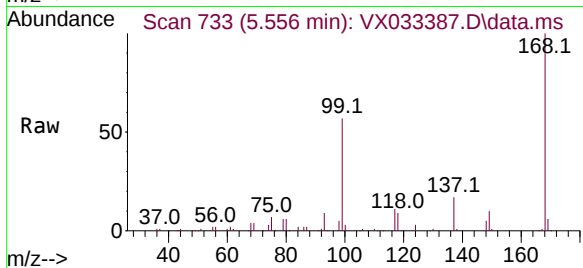
Tgt Ion: 75 Resp: 8546

Ion Ratio Lower Upper

75 100

110 6.6 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.439 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033387.D

Acq: 13 Dec 2022 13:12

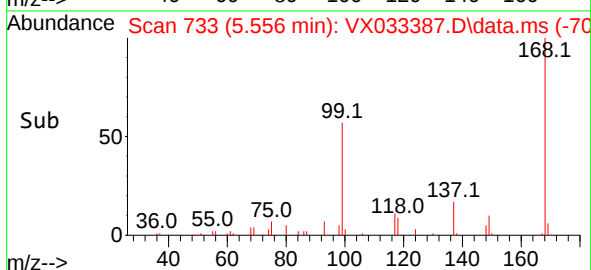
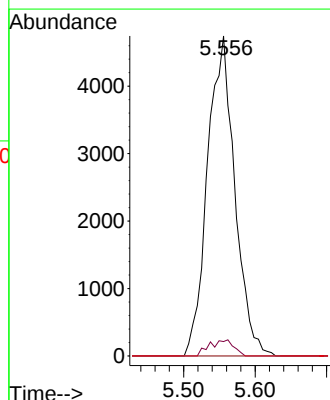
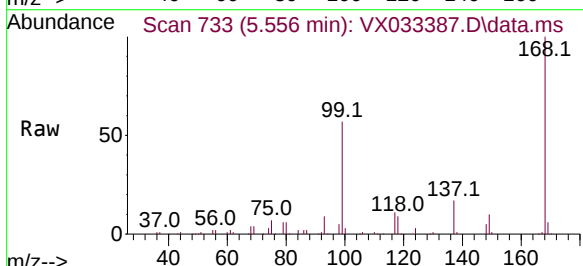
Tgt Ion: 117 Resp: 12585

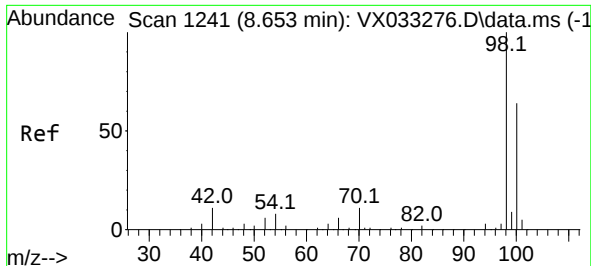
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 25.8 38.6#

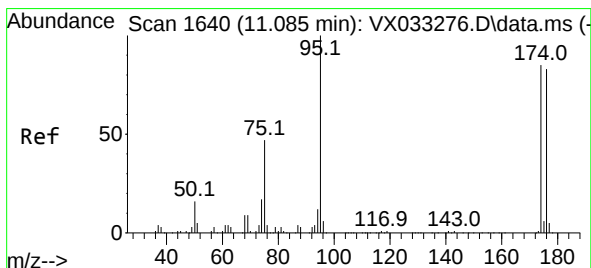
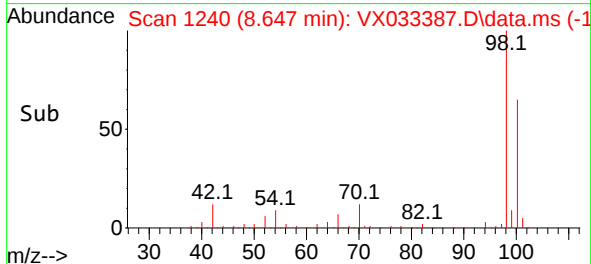
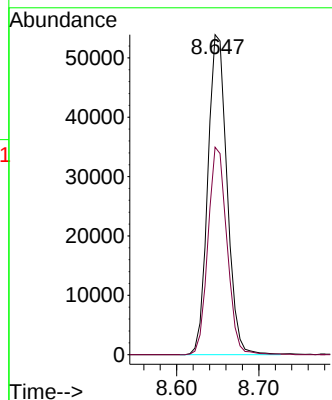
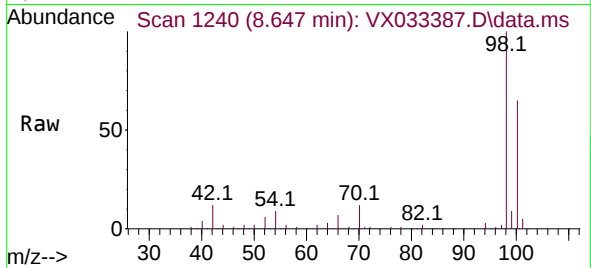




#50
Toluene-d8
Concen: 46.678 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

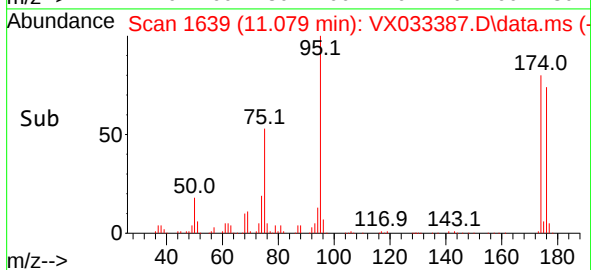
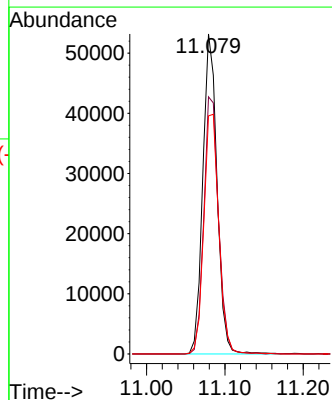
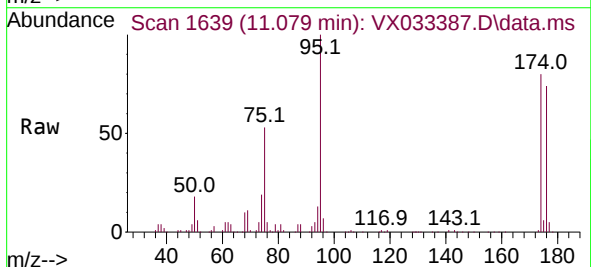
Instrument :
MSVOA_X
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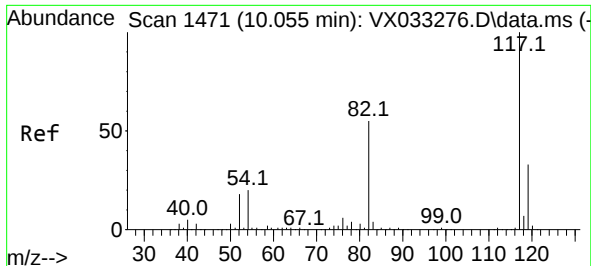
Tgt Ion: 98 Resp: 87370
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion: 95 Resp: 67117
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 79.2 0.0 154.4

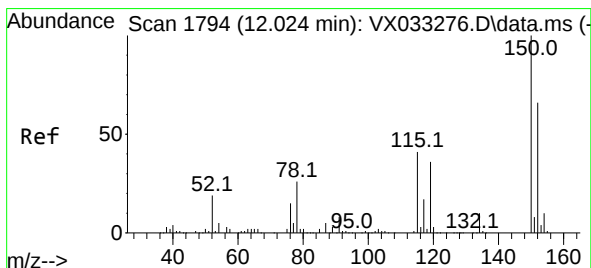
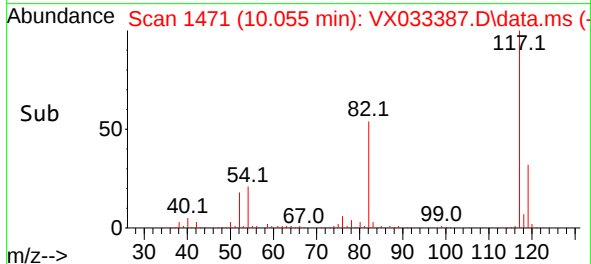
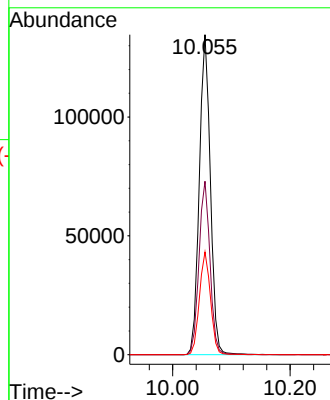
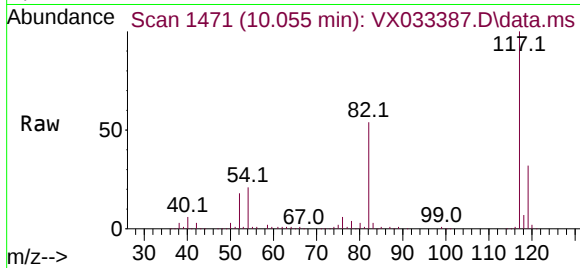




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

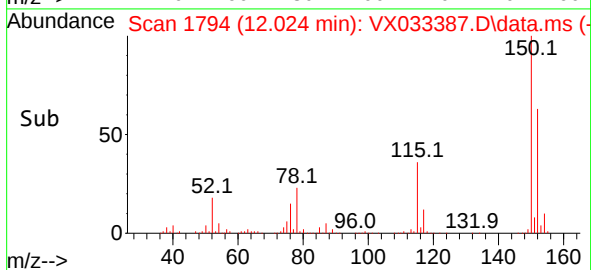
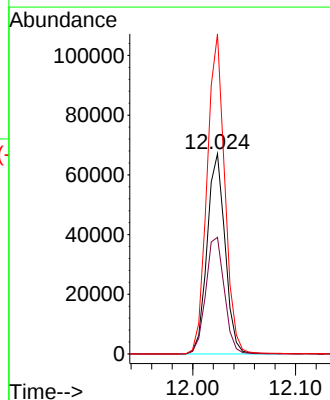
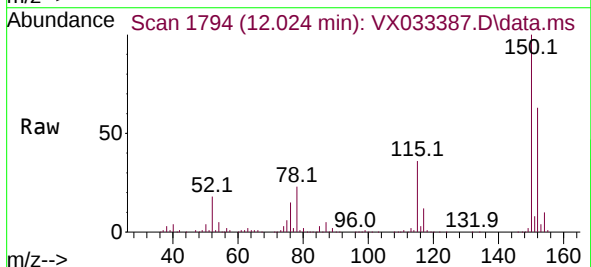
Instrument :
MSVOA_X
ClientSampleId :
MW-4

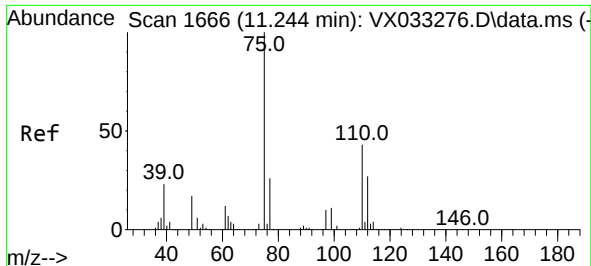
Tgt Ion:117 Resp: 176234
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion:152 Resp: 81568
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 157.9 0.0 351.8

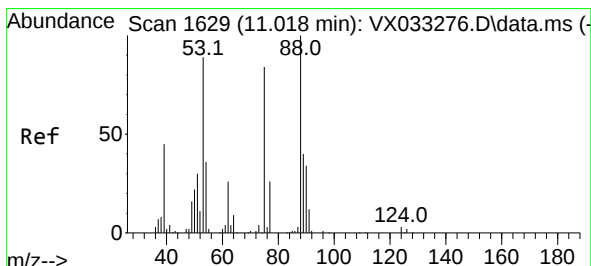
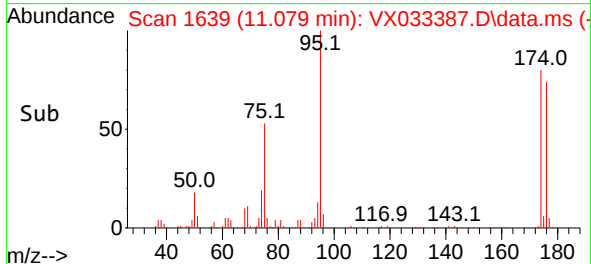
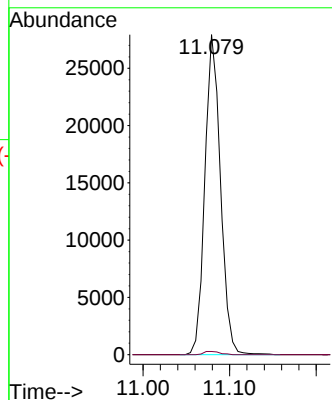
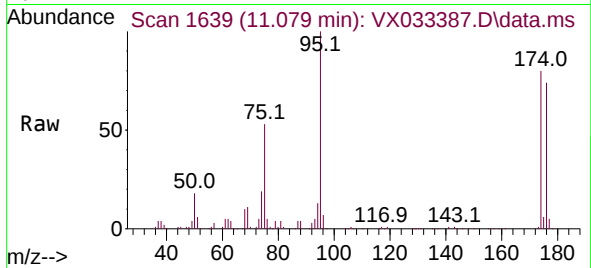




#76
1,2,3-Trichloropropane
Concen: 21.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 34942
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033387.D
Acq: 13 Dec 2022 13:12

Tgt Ion: 75 Resp: 34942
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

