

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043150.D
 Acq On : 25 Sep 2024 14:02
 Operator : JC/MD
 Sample : P4164-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Sep 26 01:35:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79570	54.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.720%
35) Dibromofluoromethane	5.391	113	59405	48.496	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	216326	52.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.400%
62) 4-Bromofluorobenzene	11.079	95	89352	53.538	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.080%

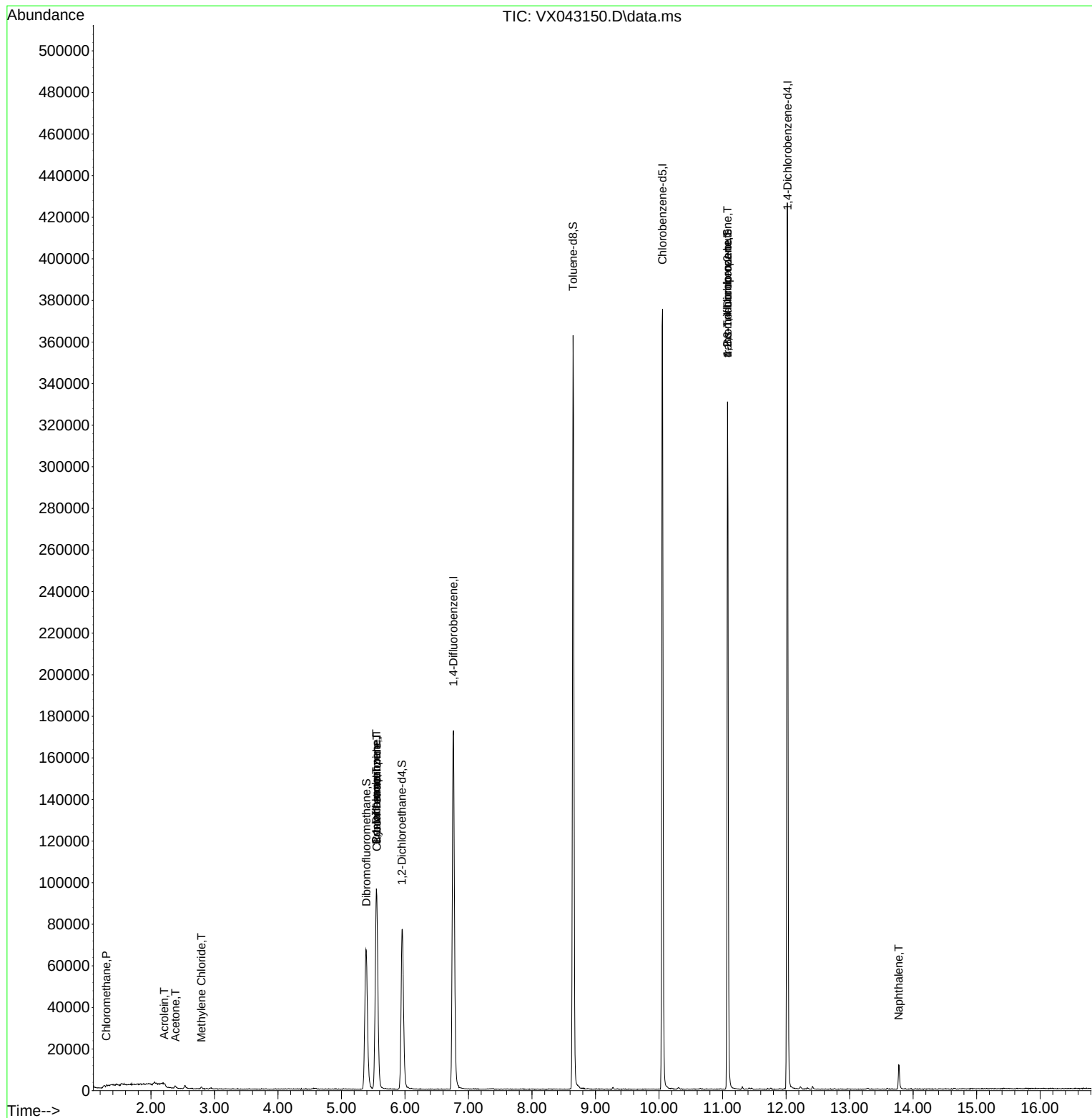
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	514	0.541	ug/l #	82
13) Acrolein	2.209	56	63	1.477	ug/l #	1
16) Acetone	2.386	43	1603	2.363	ug/l #	88
20) Methylene Chloride	2.794	84	405	0.375	ug/l #	87
31) Cyclohexane	5.550	56	2273	1.593	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	7612	5.057	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9803	5.056	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	49530	26.622	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49530	63.429	ug/l #	7
95) Naphthalene	13.774	128	8836	1.449	ug/l	98

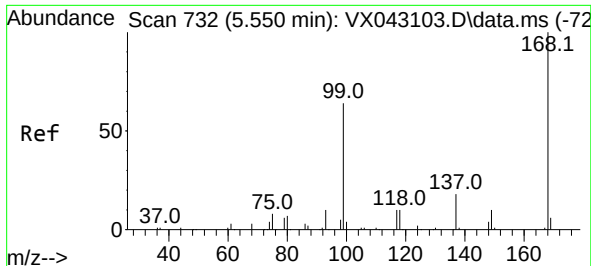
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration





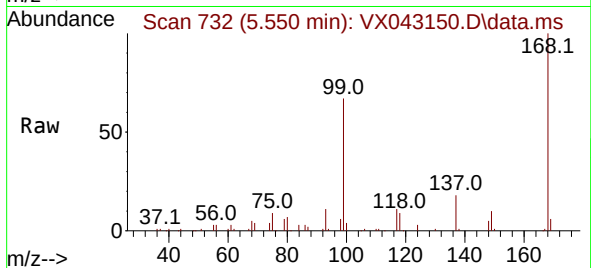
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Instrument :

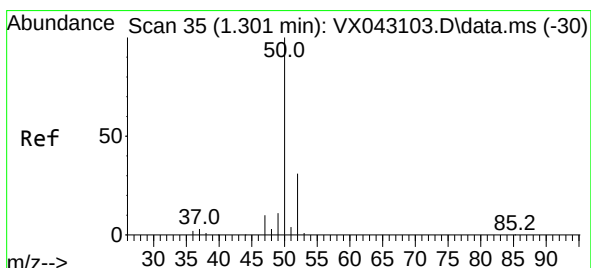
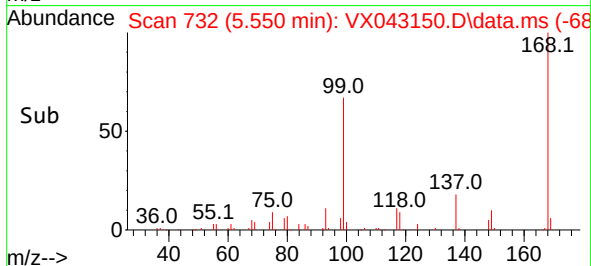
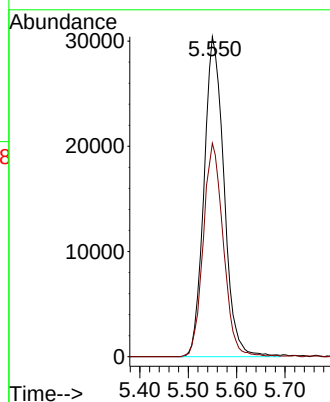
MSVOA_X

ClientSampleId :

FB

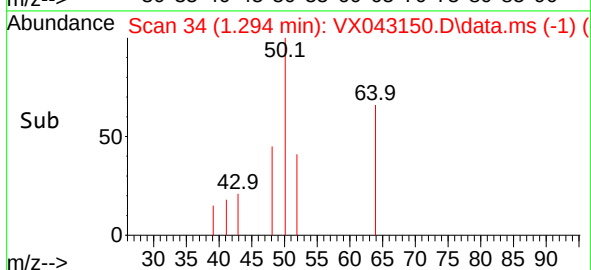
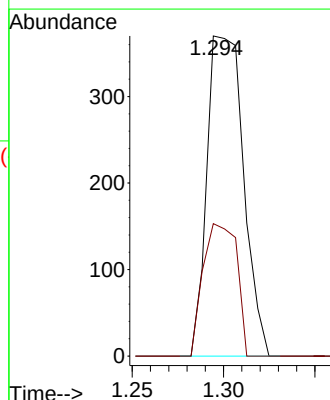
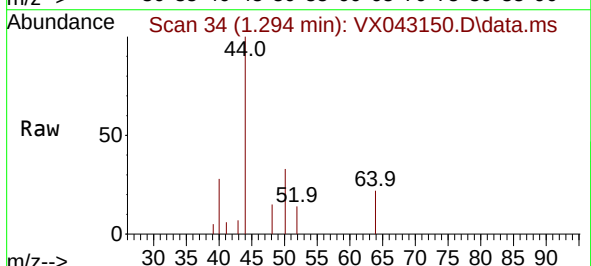


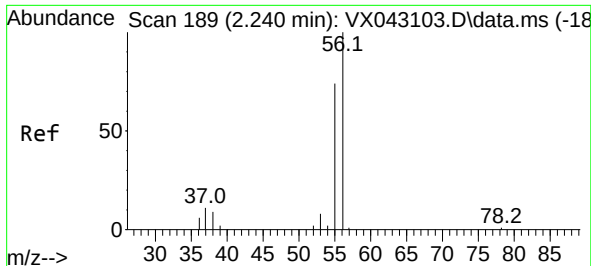
Tgt Ion:168 Resp: 87323
Ion Ratio Lower Upper
168 100
99 66.7 50.8 76.2



#3
Chloromethane
Concen: 0.541 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 41.4 25.1 37.7#

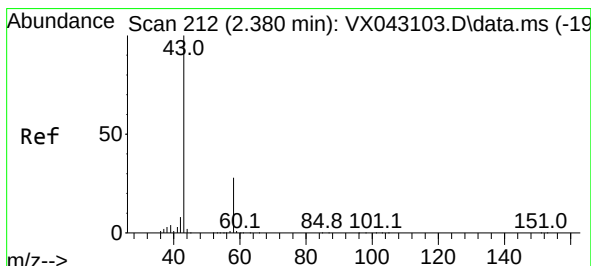
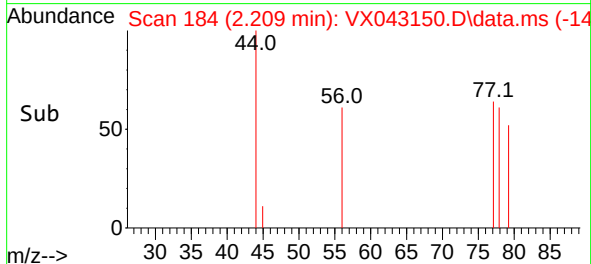
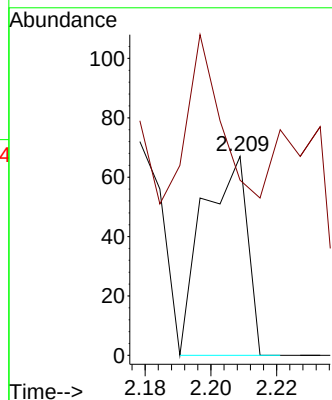
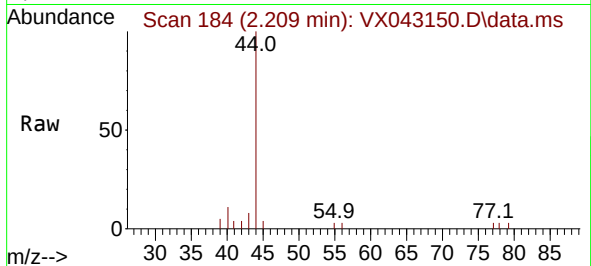




#13
Acrolein
Concen: 1.477 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

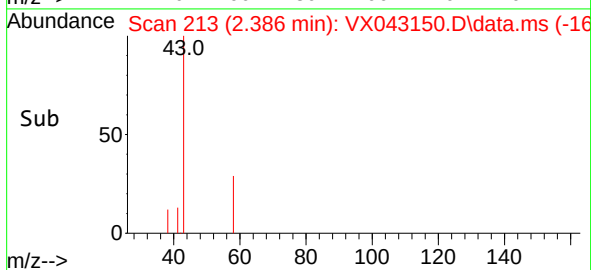
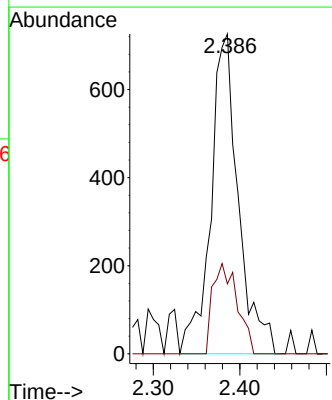
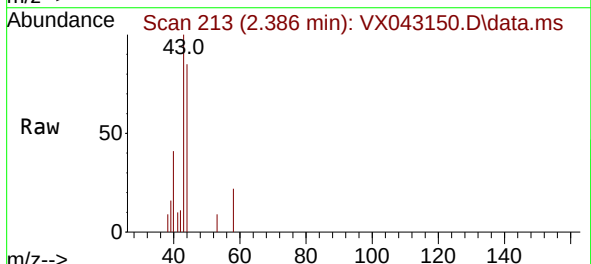
Instrument :
MSVOA_X
ClientSampleId :
FB

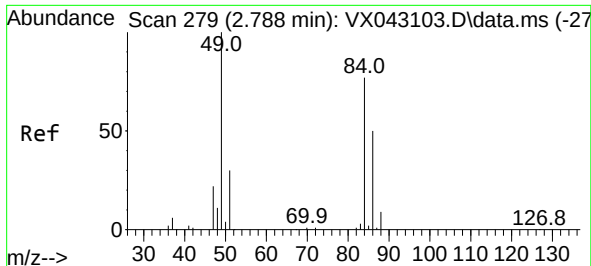
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 211.1 55.8 83.6#



#16
Acetone
Concen: 2.363 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
58 21.9 22.6 34.0#

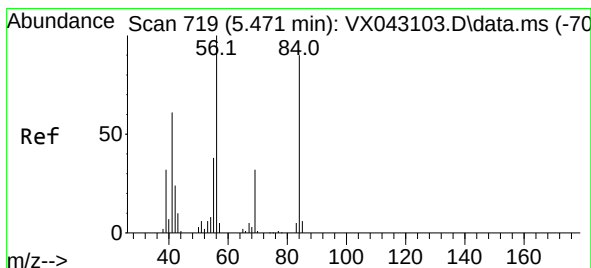
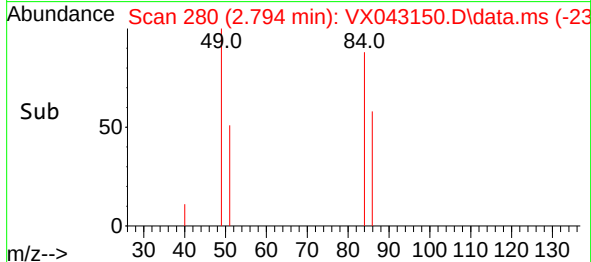
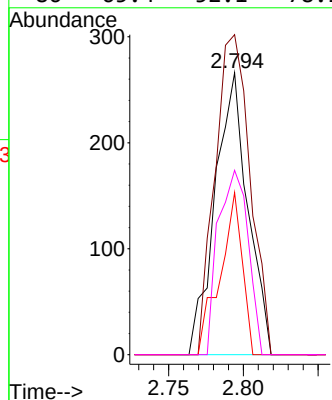
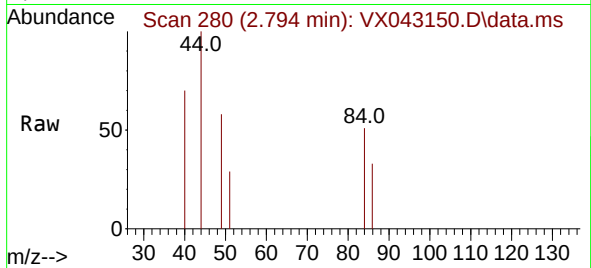




#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

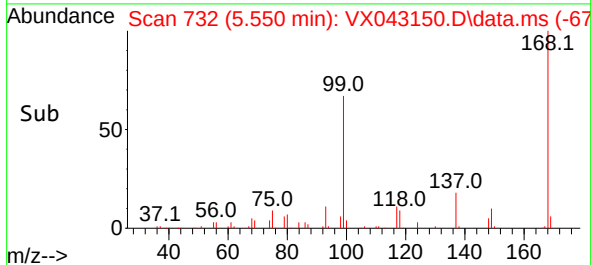
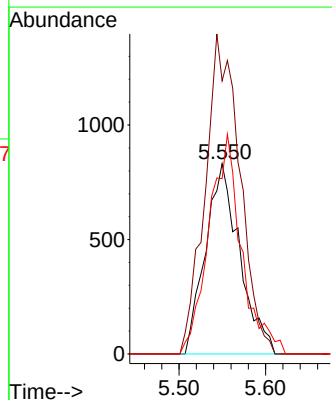
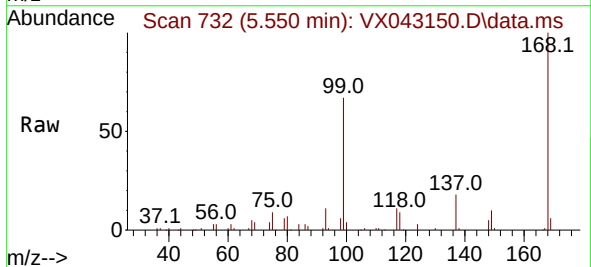
Instrument :
MSVOA_X
ClientSampleId :
FB

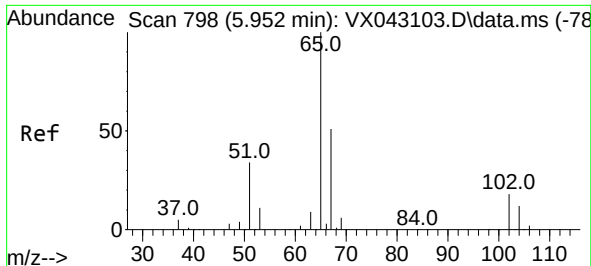
Tgt Ion:	84	Resp:	405
Ion	Ratio	Lower	Upper
84	100		
49	113.5	104.1	156.1
51	57.5	31.1	46.7#
86	65.4	52.1	78.1



#31
Cyclohexane
Concen: 1.593 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion:	56	Resp:	2273
Ion	Ratio	Lower	Upper
56	100		
69	143.6	25.8	38.6#
84	92.2	72.4	108.6





#33

1,2-Dichloroethane-d4

Concen: 54.858 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043150.D

Acq: 25 Sep 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

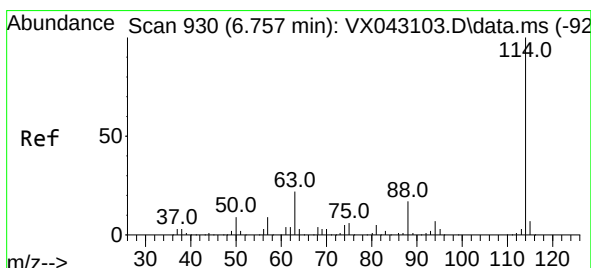
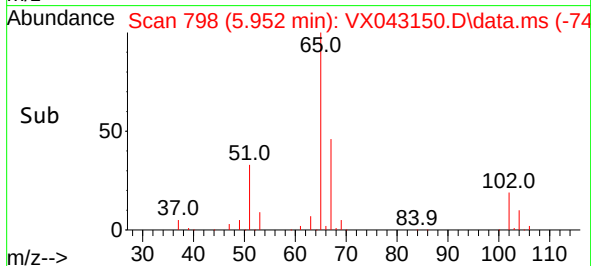
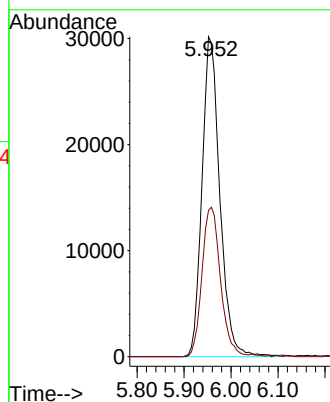
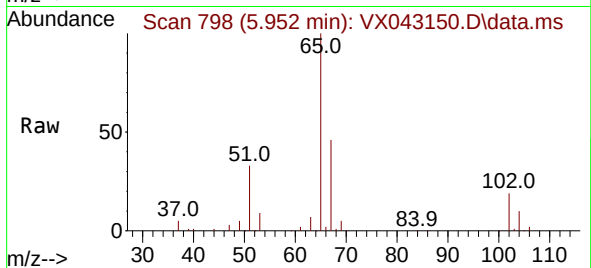
FB

Tgt Ion: 65 Resp: 79570

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043150.D

Acq: 25 Sep 2024 14:02

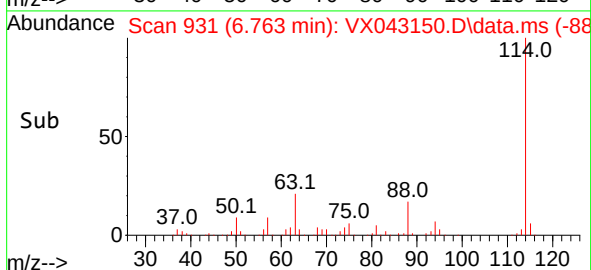
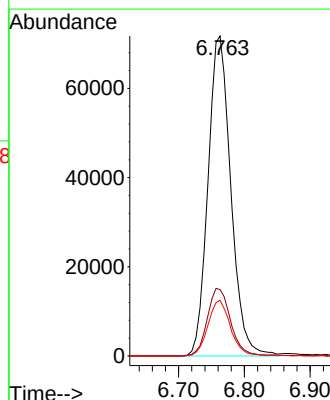
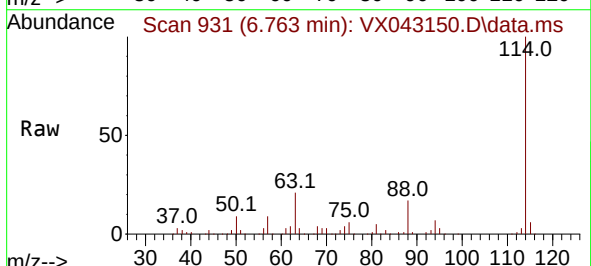
Tgt Ion: 114 Resp: 173643

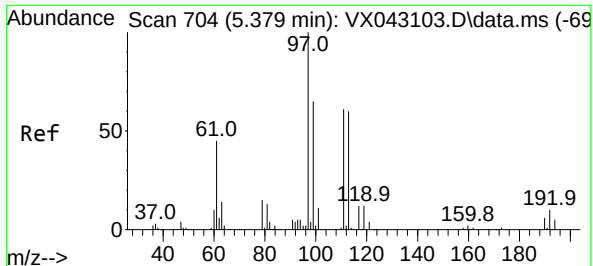
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 17.4 0.0 33.4

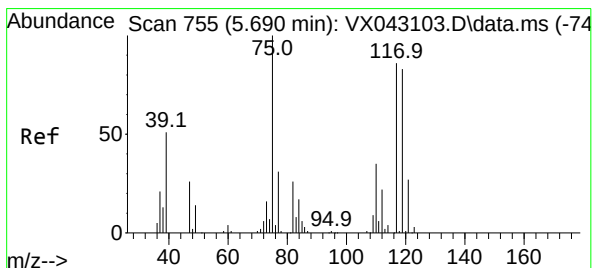
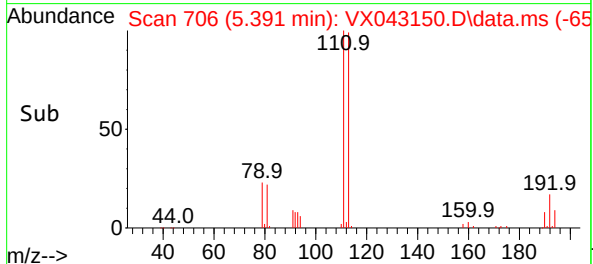
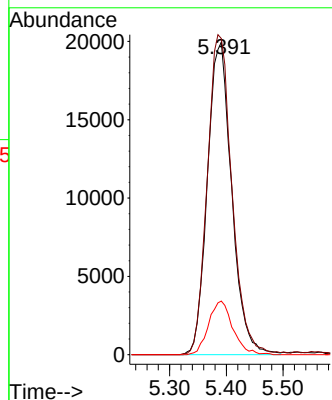
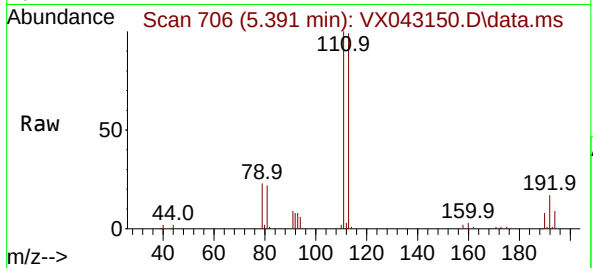




#35
Dibromofluoromethane
Concen: 48.496 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

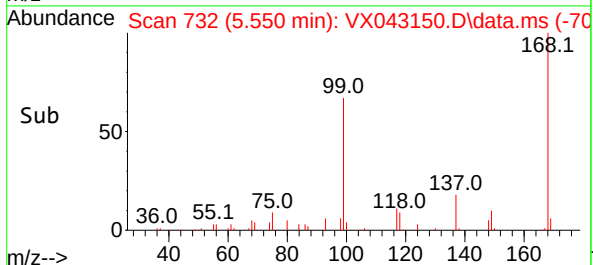
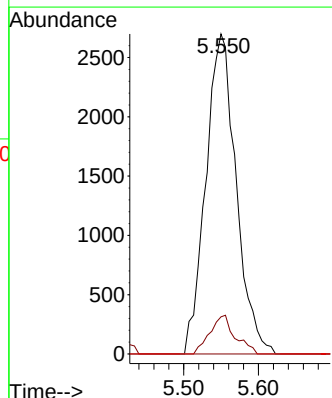
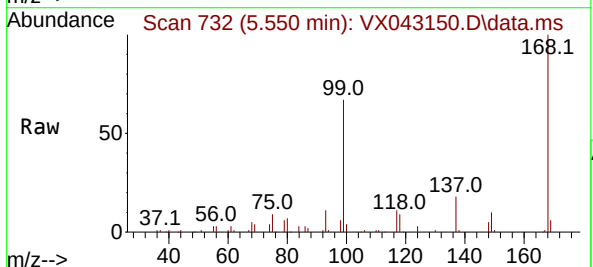
Instrument :
MSVOA_X
ClientSampleId :
FB

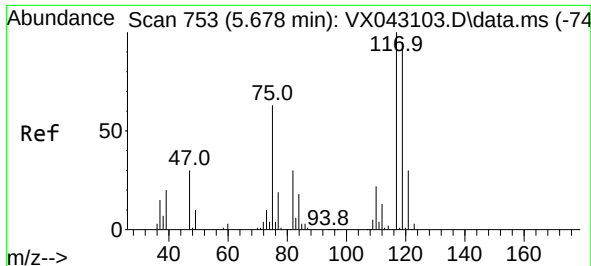
Tgt Ion:113 Resp: 59405
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.1 14.6 22.0



#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

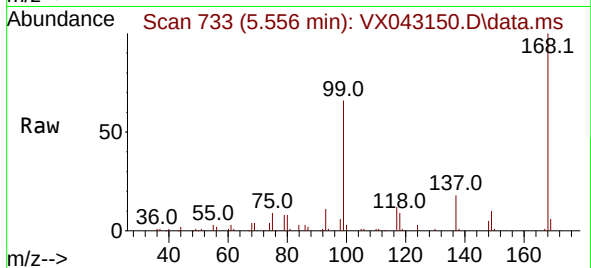
Tgt Ion: 75 Resp: 7612
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.4#
77 0.0 25.2 37.8#



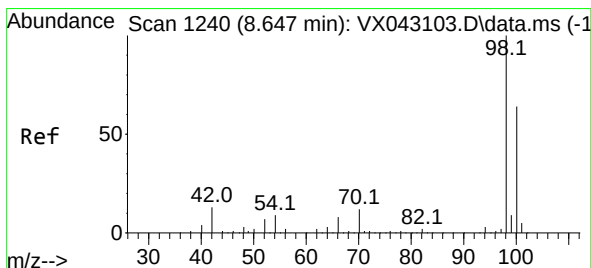
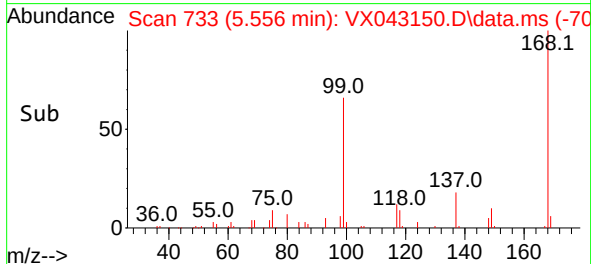
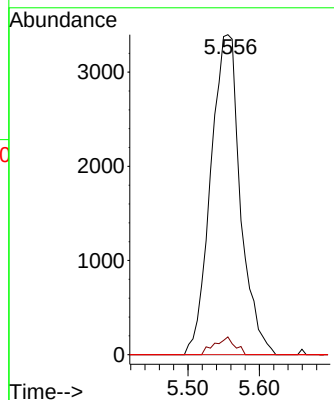


#38
Carbon Tetrachloride
Concen: 5.056 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
FB

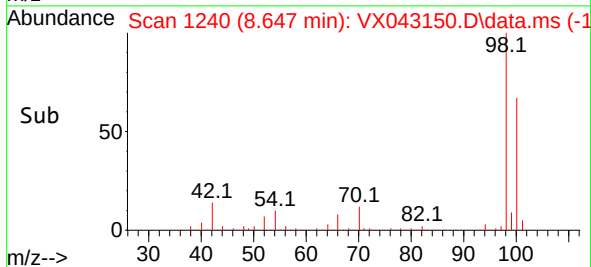
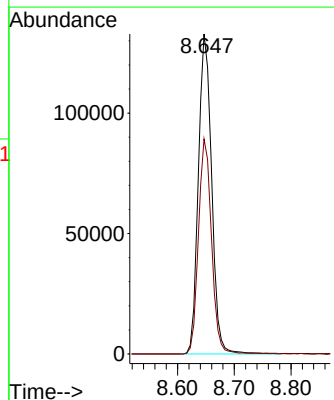
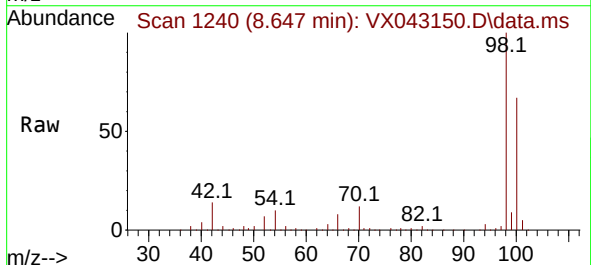


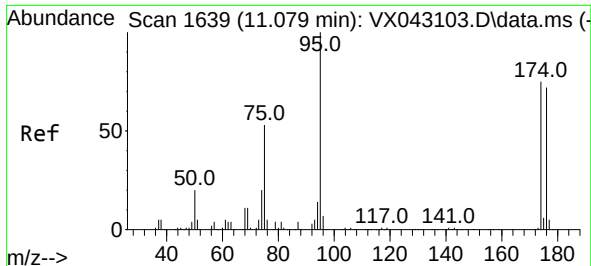
Tgt Ion:117 Resp: 9803
Ion Ratio Lower Upper
117 100
119 5.5 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 98 Resp: 216326
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 53.538 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043150.D

Acq: 25 Sep 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

FB

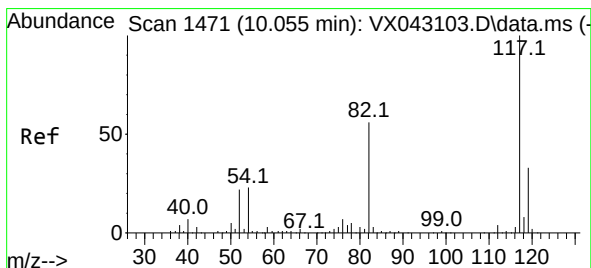
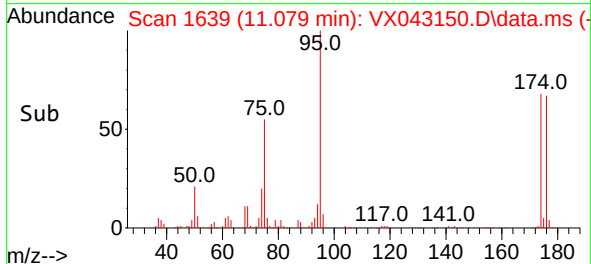
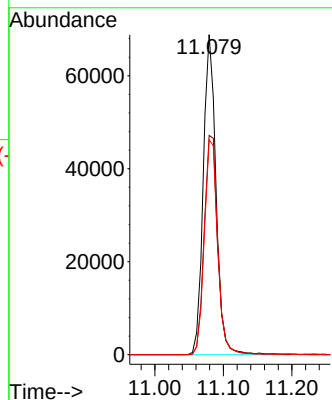
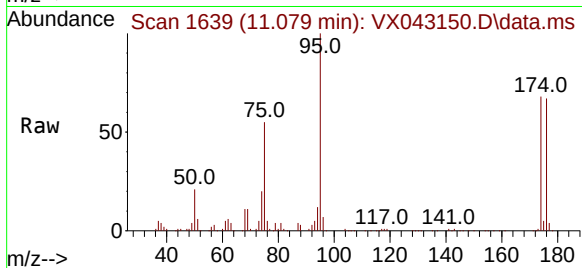
Tgt Ion: 95 Resp: 89352

Ion Ratio Lower Upper

95 100

174 72.5 0.0 146.0

176 70.6 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043150.D

Acq: 25 Sep 2024 14:02

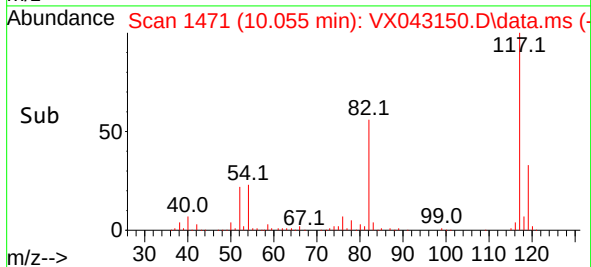
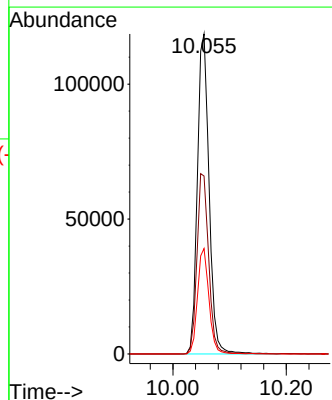
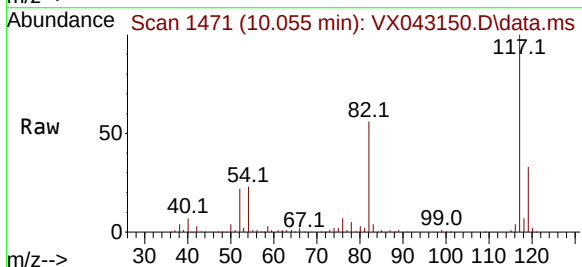
Tgt Ion: 117 Resp: 169695

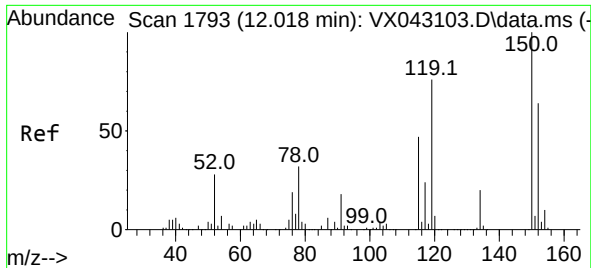
Ion Ratio Lower Upper

117 100

82 55.6 44.7 67.1

119 32.9 26.3 39.5

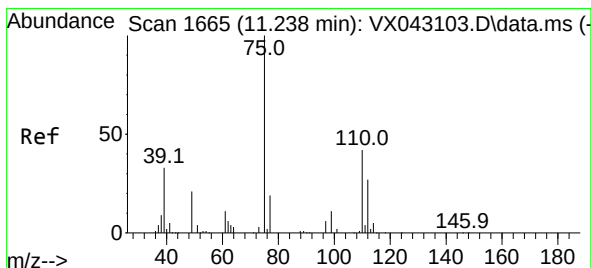
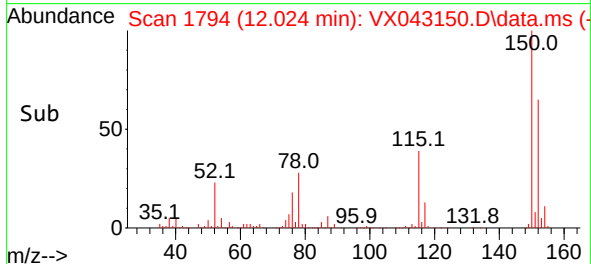
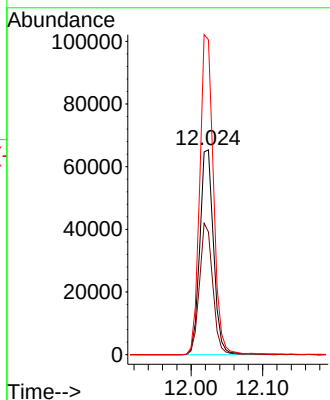
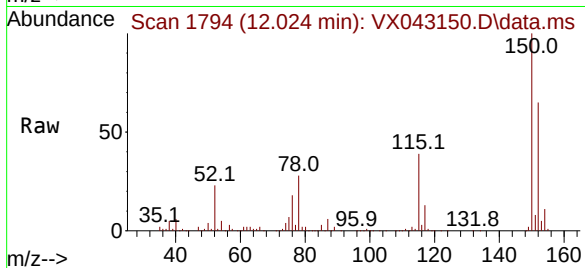




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

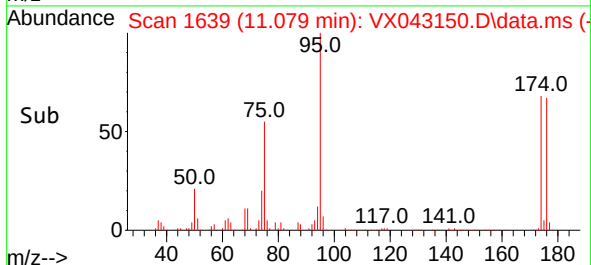
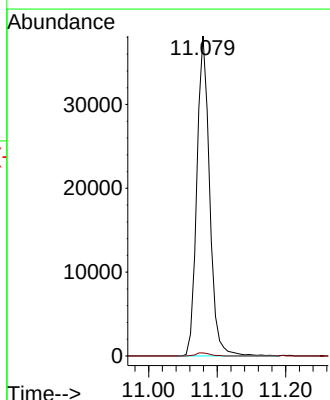
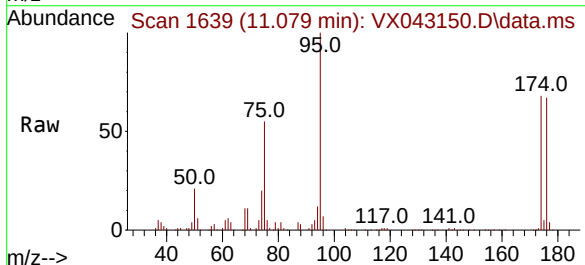
Instrument :
MSVOA_X
ClientSampleId :
FB

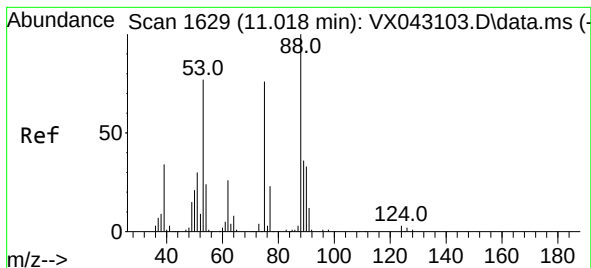
Tgt Ion:152 Resp: 87509
Ion Ratio Lower Upper
152 100
115 61.9 43.7 131.1
150 154.6 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 26.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 75 Resp: 49530
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#

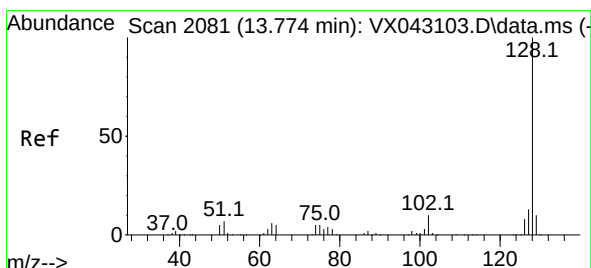
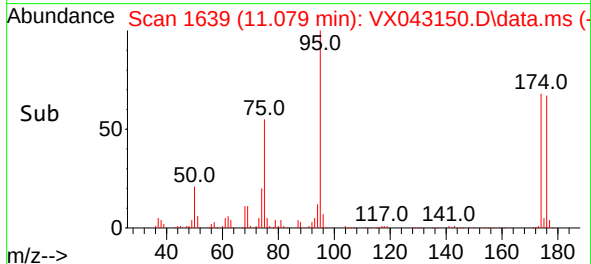
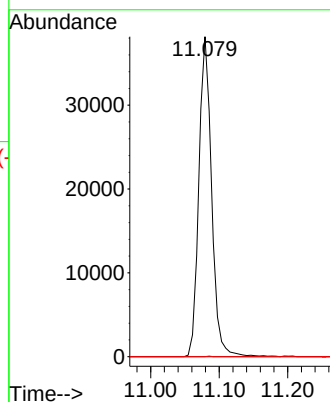
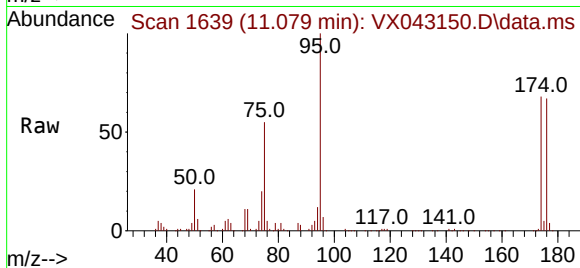




#81
trans-1,4-Dichloro-2-butene
Concen: 63.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 75 Resp: 49530
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.1 38.8 58.2#



#95
Naphthalene
Concen: 1.449 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043150.D
Acq: 25 Sep 2024 14:02

Tgt Ion: 128 Resp: 8836
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 10.1 8.6 13.0

