

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031126.D
 Acq On : 06 Sep 2022 14:17
 Operator : JC/MD
 Sample : VX0906WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBL01

Quant Time: Sep 06 17:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

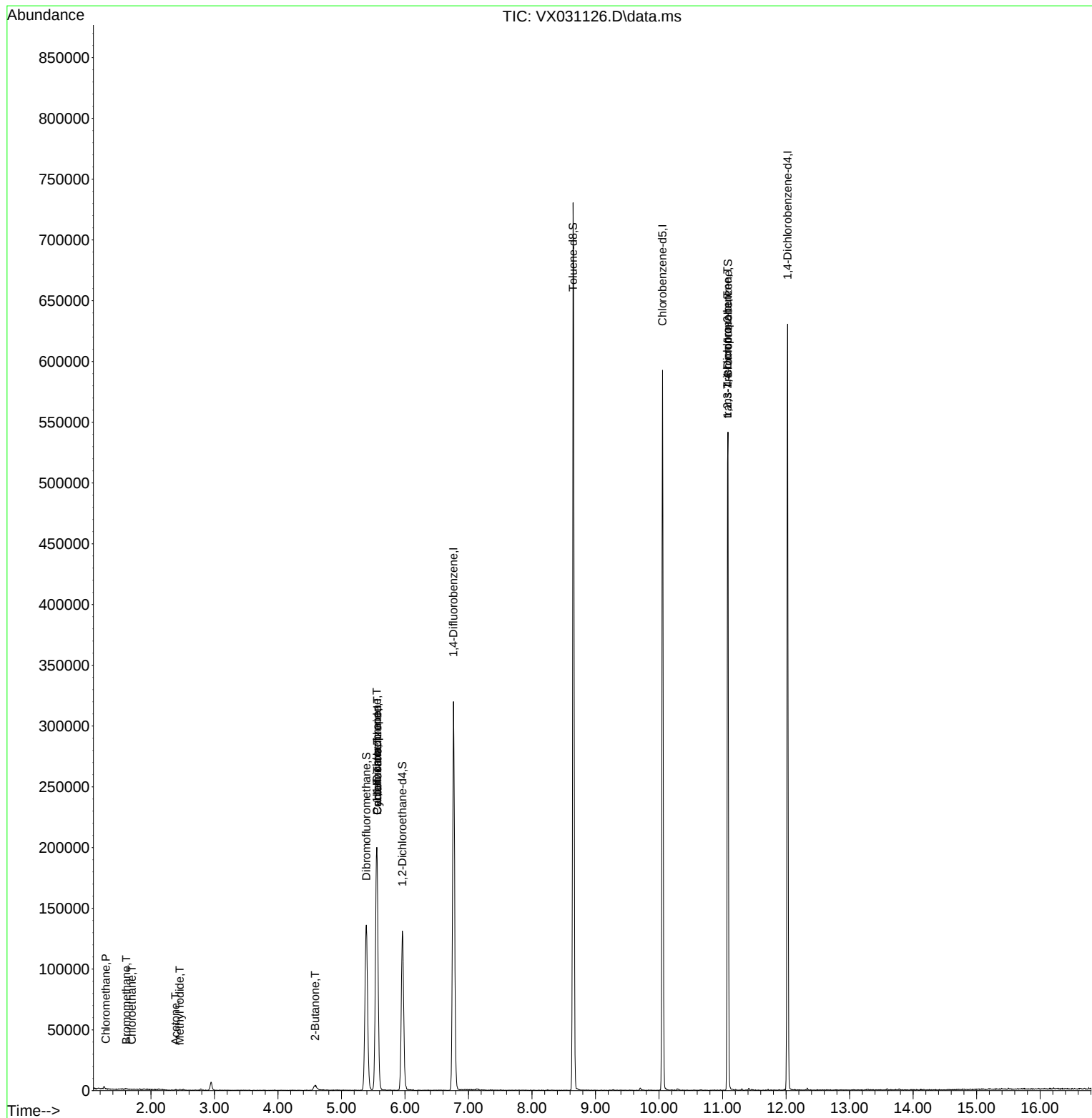
Internal Standards						
1) Pentafluorobenzene	5.562	168	203445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130006	49.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	5.391	113	123245	49.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	8.647	98	444365	48.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.085	95	148553	45.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	178	0.788	ug/l #	42
5) Bromomethane	1.611	94	268	0.274	ug/l #	38
6) Chloroethane	1.697	64	45	1.768	ug/l #	41
10) Methyl Iodide	2.453	142	809	3.230	ug/l #	88
11) Tert butyl alcohol	2.947	59	3616	Below Cal	#	74
16) Acetone	2.386	43	598	0.592	ug/l #	87
20) Methylene Chloride	2.782	84	506	Below Cal	#	83
25) 2-Butanone	4.586	43	409	0.262	ug/l #	48
31) Cyclohexane	5.562	56	3306	0.925	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14153	4.028	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19991	5.481	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	68721	22.309	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68721	70.111	ug/l #	12

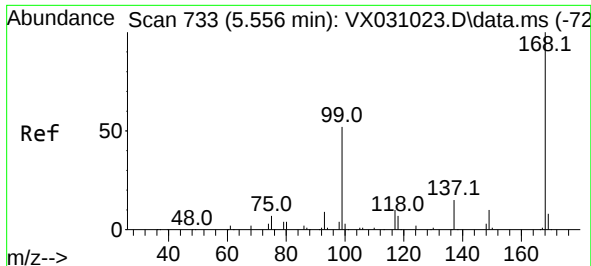
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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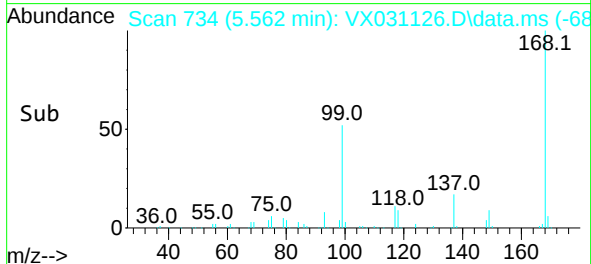
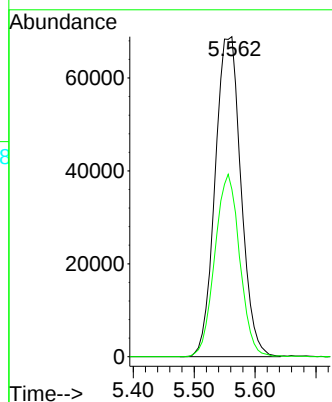
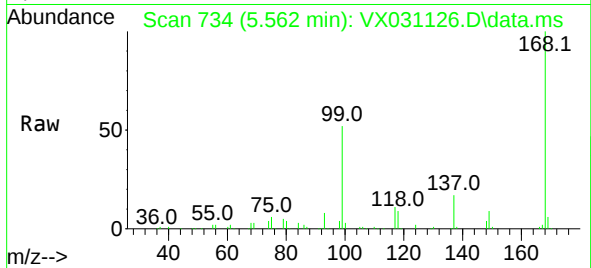




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

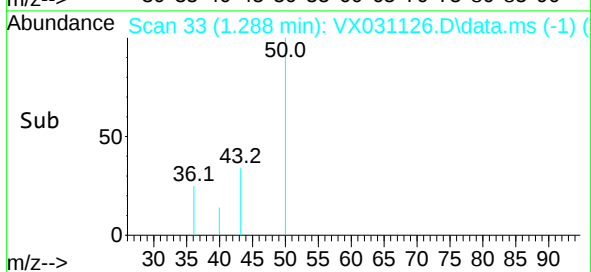
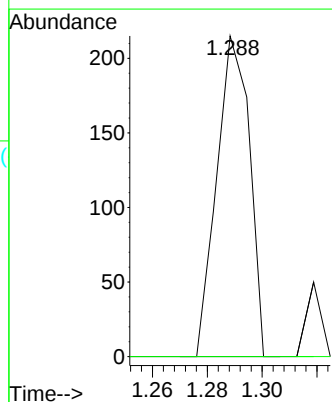
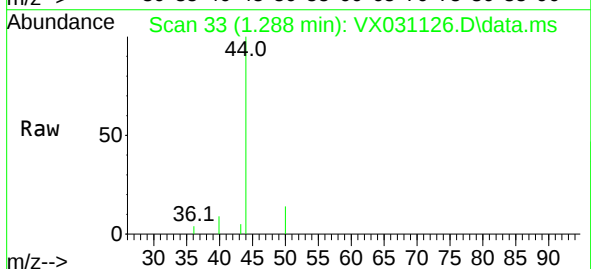
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

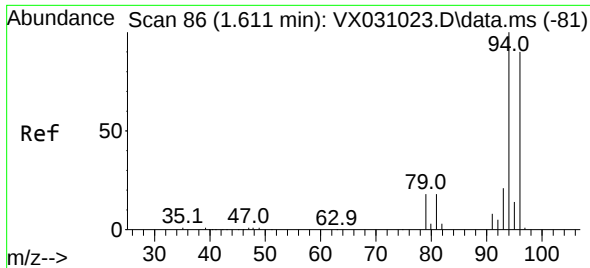
Tgt Ion:168 Resp: 203445
Ion Ratio Lower Upper
168 100
99 52.3 44.0 66.0



#3
Chloromethane
Concen: 0.788 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 50 Resp: 178
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

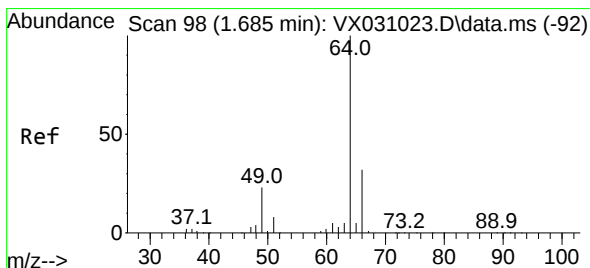
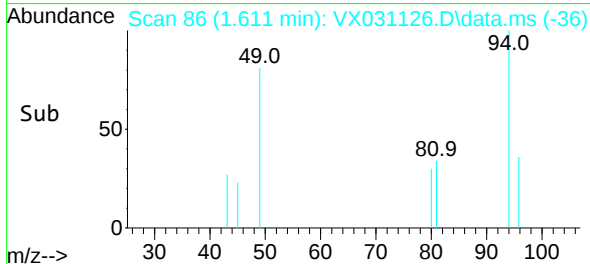
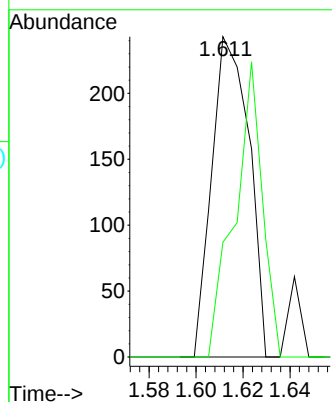
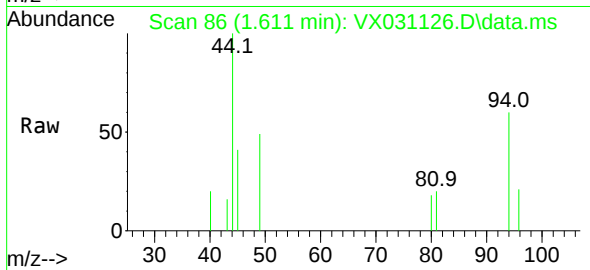




#5
 Bromomethane
 Concen: 0.274 ug/l
 RT: 1.611 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX031126.D
 Acq: 06 Sep 2022 14:17

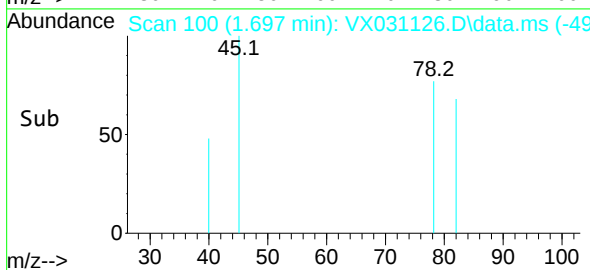
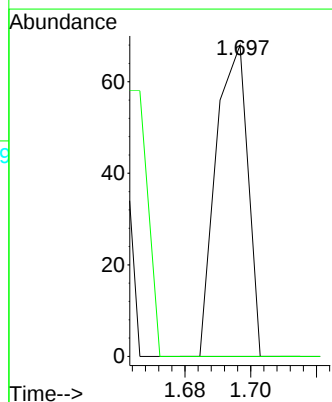
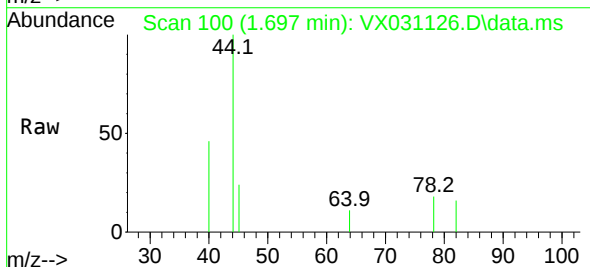
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBL01

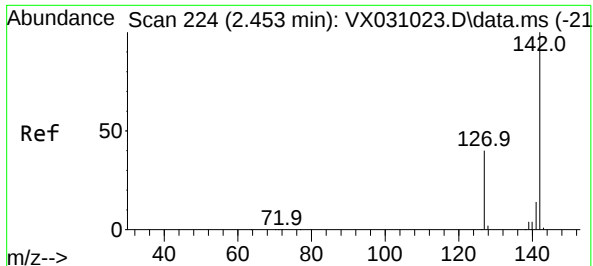
Tgt Ion: 94 Resp: 268
 Ion Ratio Lower Upper
 94 100
 96 35.8 76.9 115.3#



#6
 Chloroethane
 Concen: 1.768 ug/l
 RT: 1.697 min Scan# 100
 Delta R.T. 0.012 min
 Lab File: VX031126.D
 Acq: 06 Sep 2022 14:17

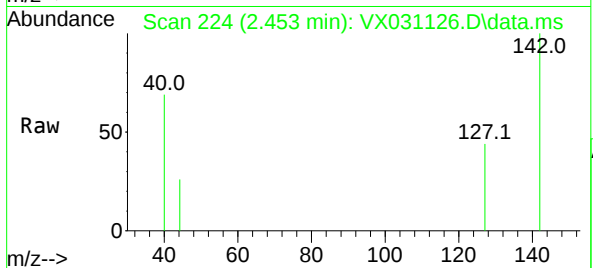
Tgt Ion: 64 Resp: 45
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#



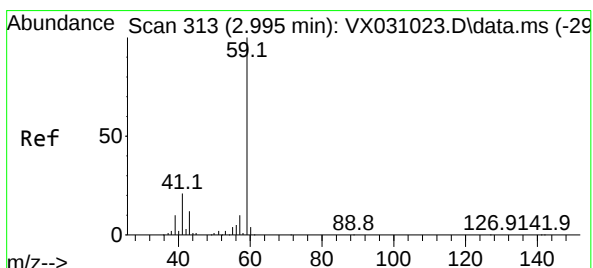
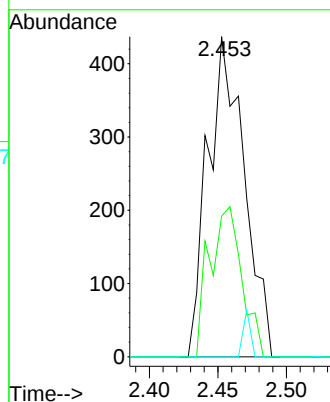
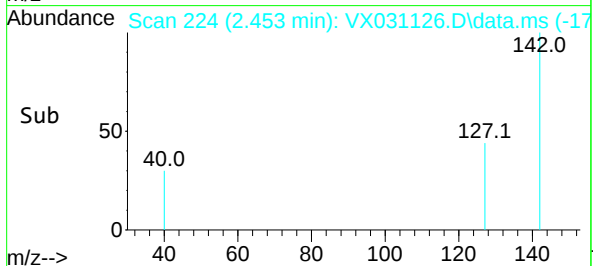


#10
Methyl Iodide
Concen: 3.230 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

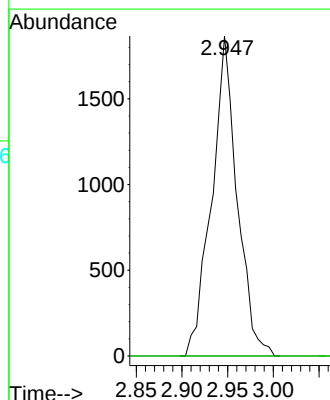
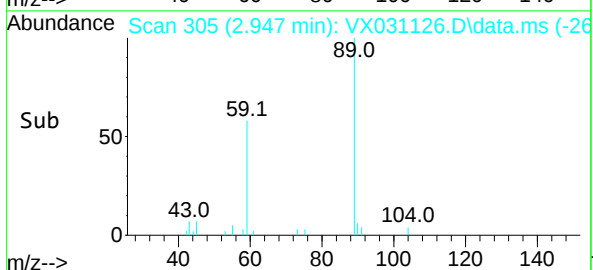
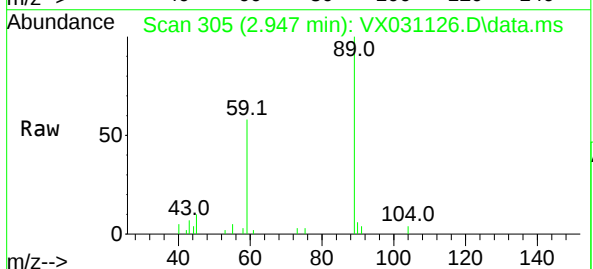


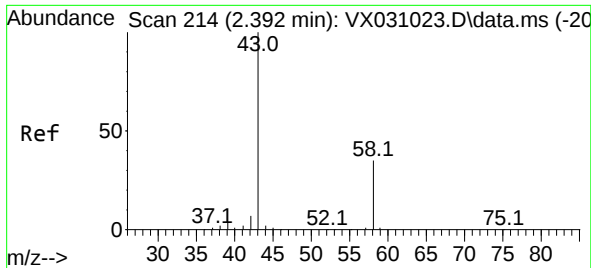
Tgt Ion:142 Resp: 809
Ion Ratio Lower Upper
142 100
127 41.8 30.2 45.2
141 2.8 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 59 Resp: 3616
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

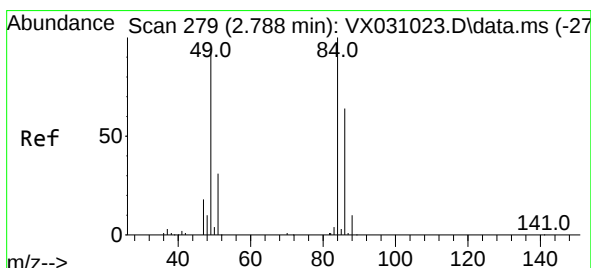
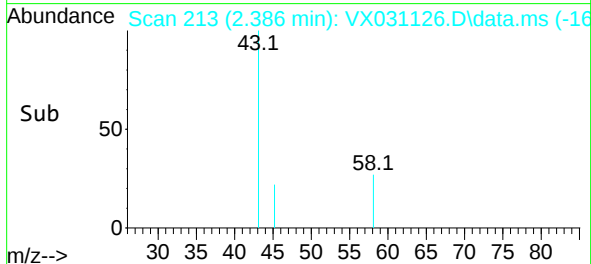
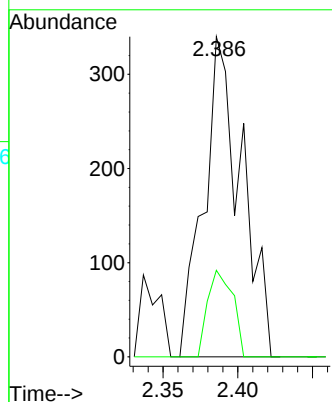
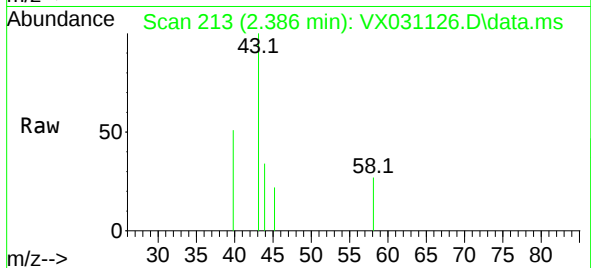




#16
Acetone
Concen: 0.592 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

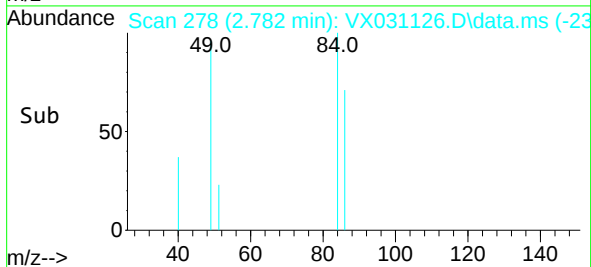
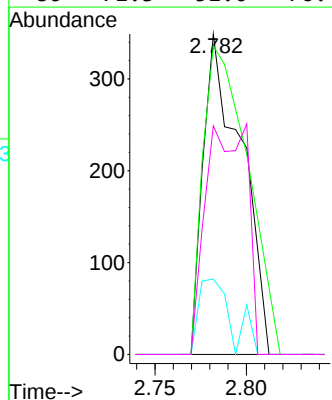
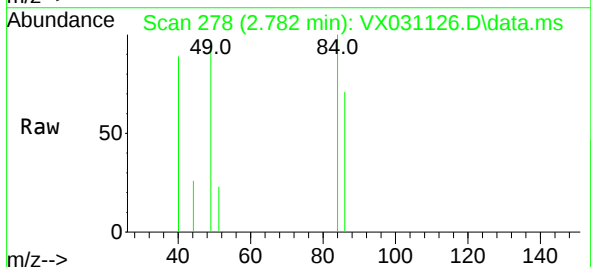
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

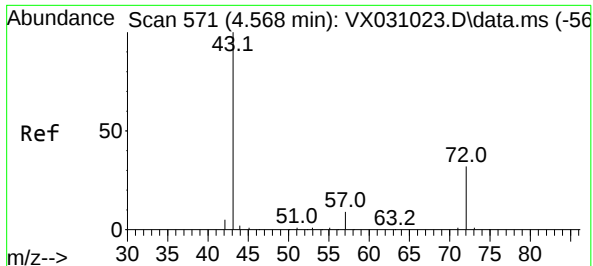
Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 27.1 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 96.3 93.8 140.6
51 23.5 29.4 44.0#
86 71.3 51.0 76.4





#25

2-Butanone

Concen: 0.262 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031126.D

Acq: 06 Sep 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

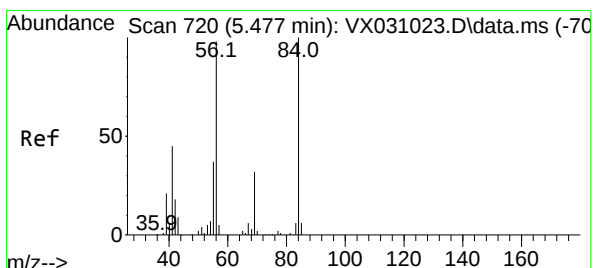
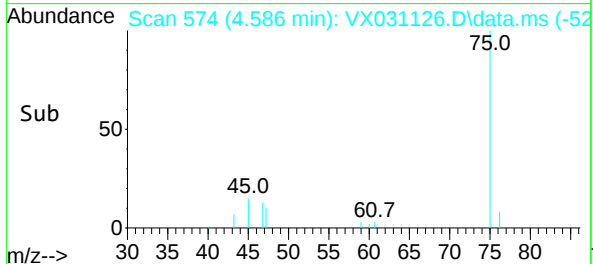
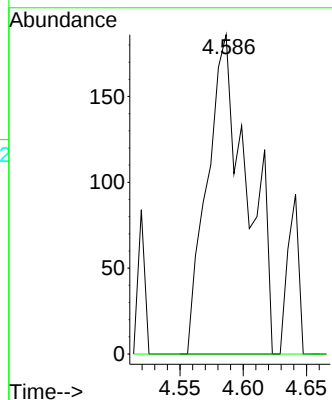
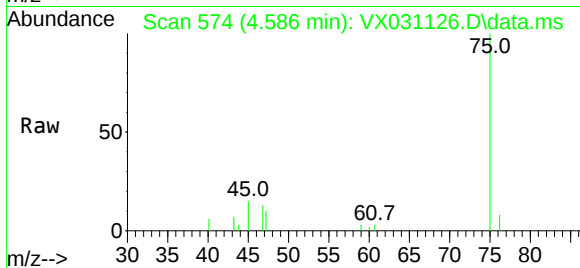
VX0906WBL01

Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 0.925 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX031126.D

Acq: 06 Sep 2022 14:17

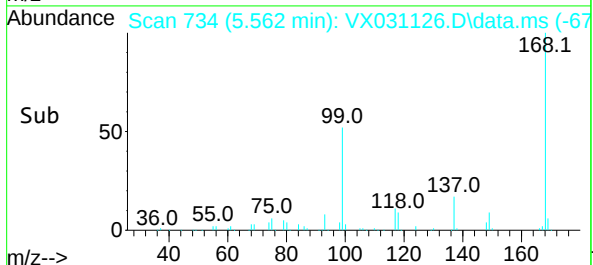
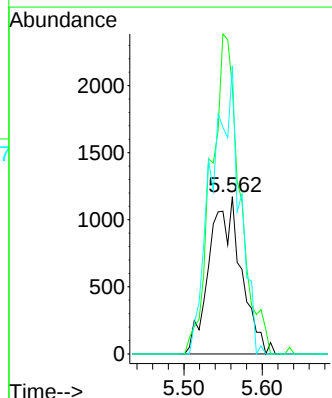
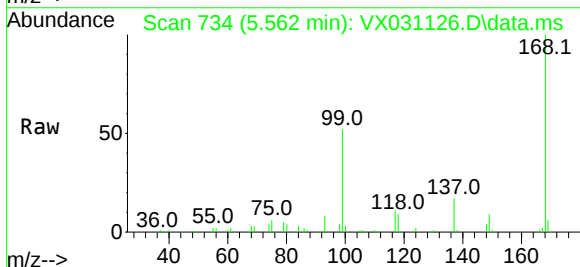
Tgt Ion: 56 Resp: 3306

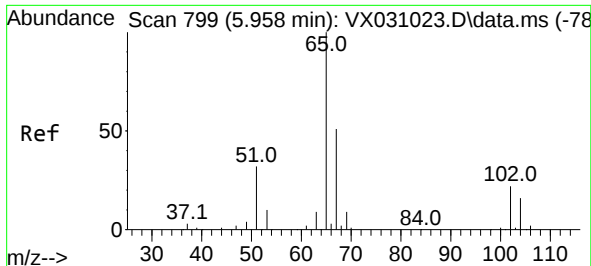
Ion Ratio Lower Upper

56 100

69 169.7 25.4 38.0#

84 183.3 68.9 103.3#

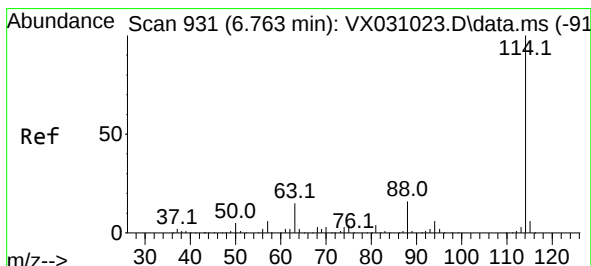
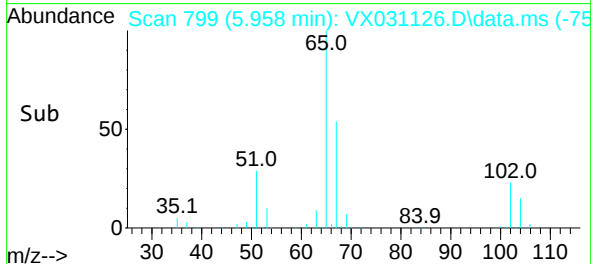
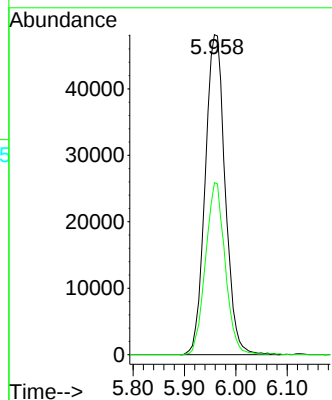
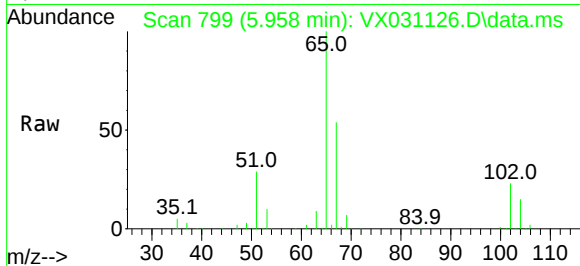




#33
 1,2-Dichloroethane-d4
 Concen: 49.664 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031126.D
 Acq: 06 Sep 2022 14:17

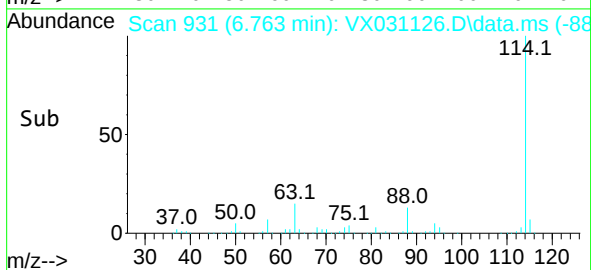
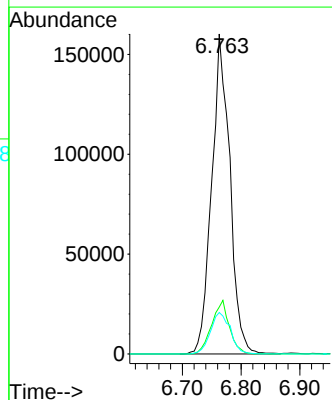
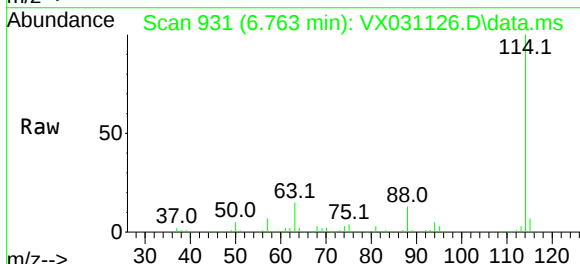
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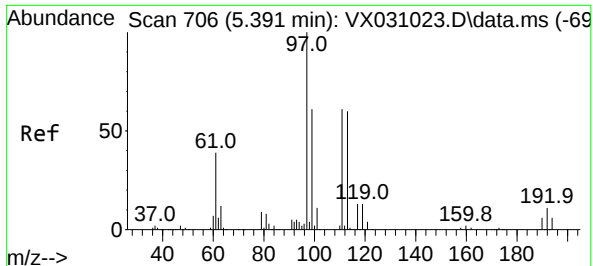
Tgt Ion: 65 Resp: 130006
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031126.D
 Acq: 06 Sep 2022 14:17

Tgt Ion: 114 Resp: 343767
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 38.4
 88 13.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.127 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031126.D

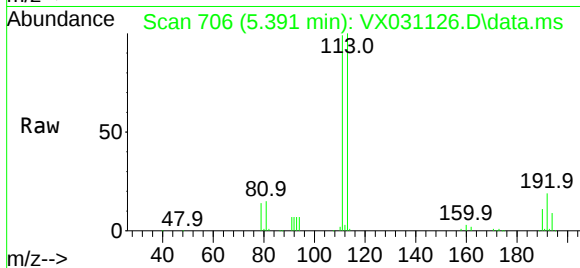
Acq: 06 Sep 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

VX0906WBL01



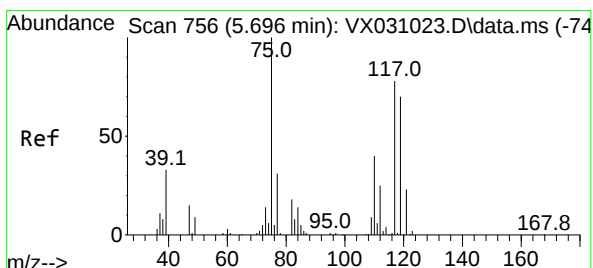
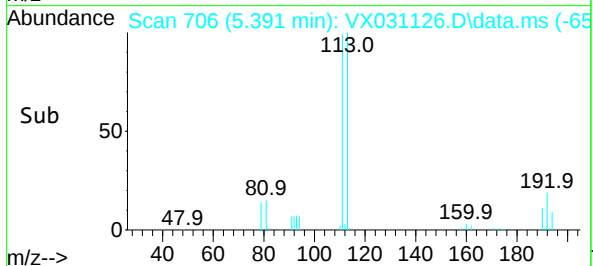
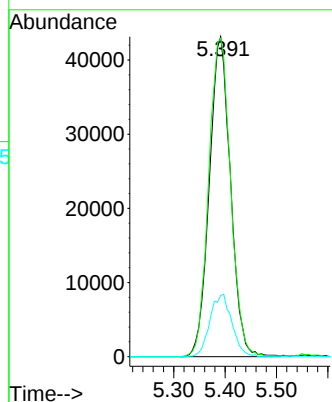
Tgt Ion:113 Resp: 123245

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 20.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.028 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031126.D

Acq: 06 Sep 2022 14:17

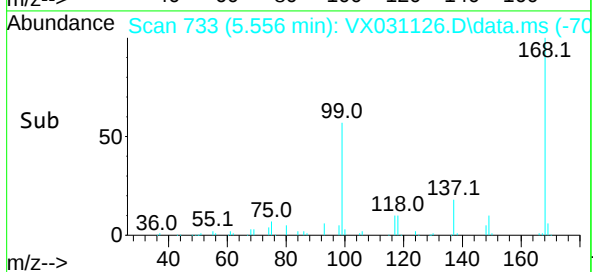
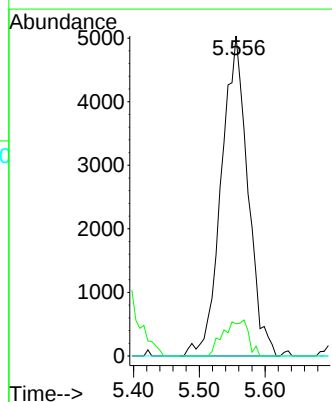
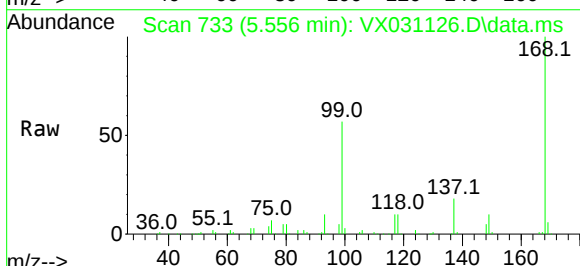
Tgt Ion: 75 Resp: 14153

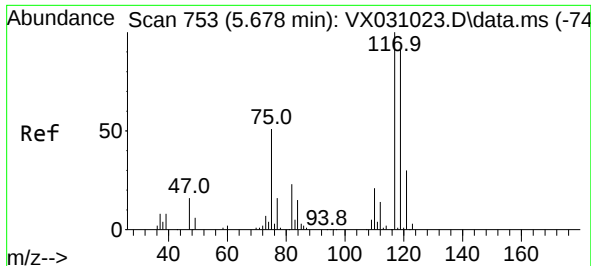
Ion Ratio Lower Upper

75 100

110 10.6 19.3 57.9#

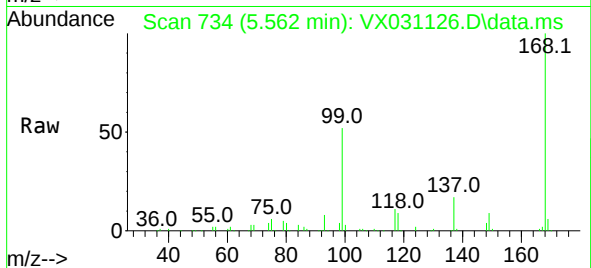
77 0.0 24.4 36.6#



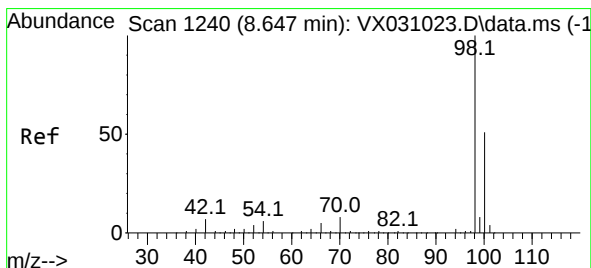
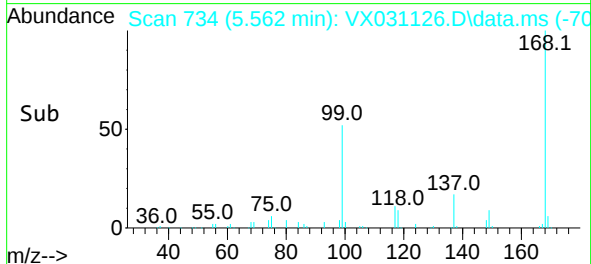
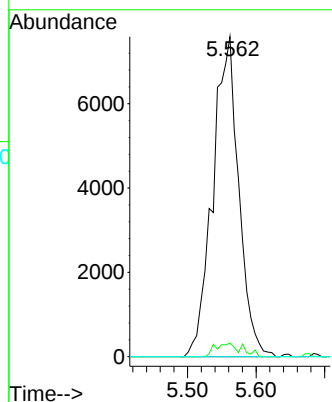


#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

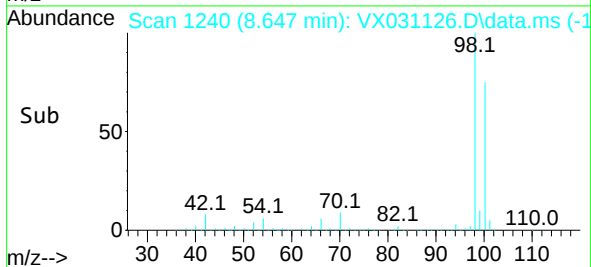
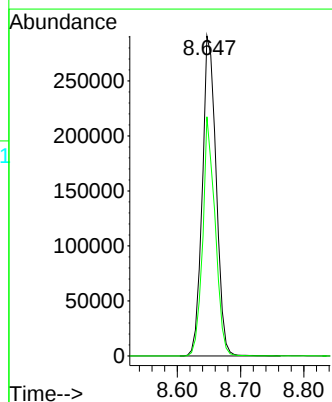
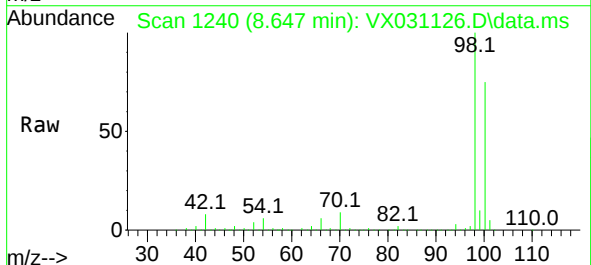


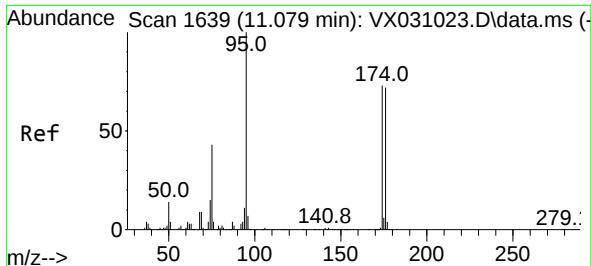
Tgt Ion:117 Resp: 19991
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 98 Resp: 444365
Ion Ratio Lower Upper
98 100
100 66.7 52.3 78.5

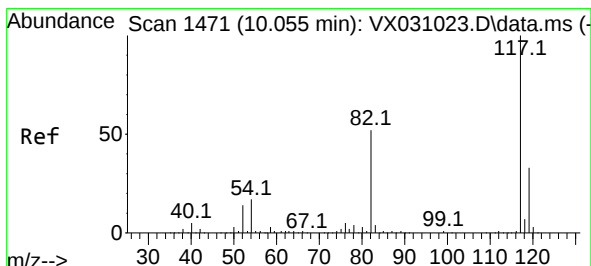
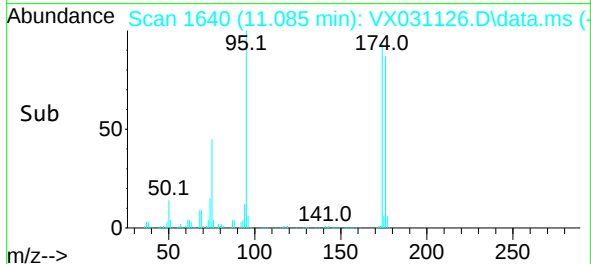
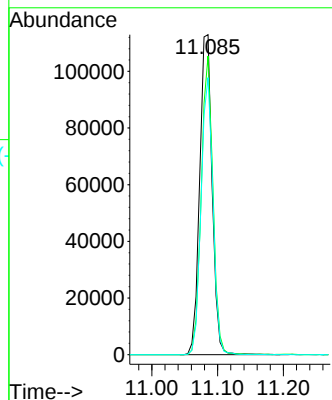
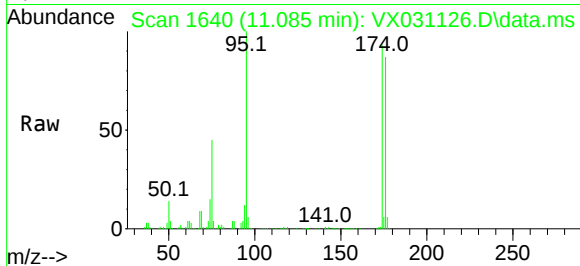




#62
4-Bromofluorobenzene
Concen: 45.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

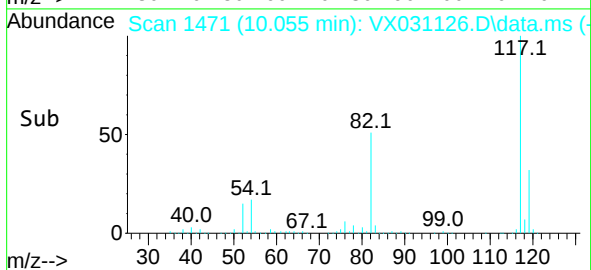
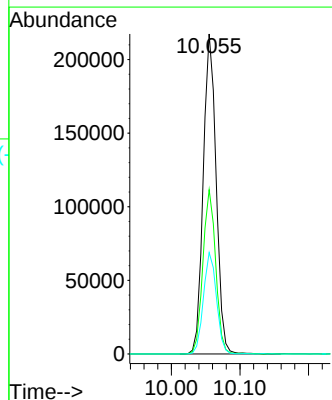
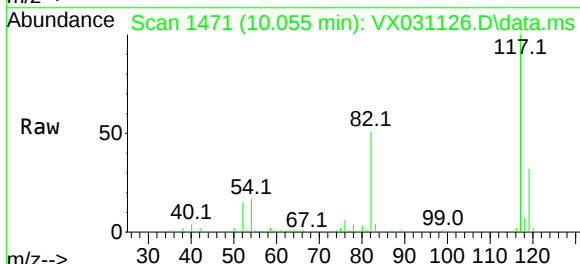
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

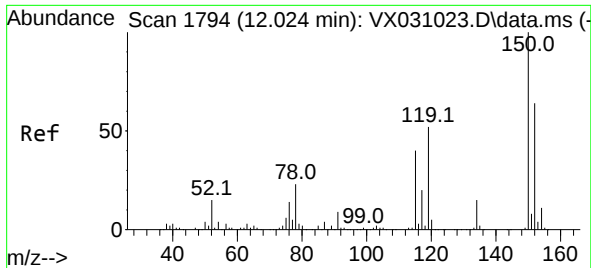
Tgt Ion: 95 Resp: 148553
Ion Ratio Lower Upper
95 100
174 87.7 0.0 149.0
176 82.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 117 Resp: 285190
Ion Ratio Lower Upper
117 100
82 51.4 42.7 64.1
119 31.7 25.4 38.2

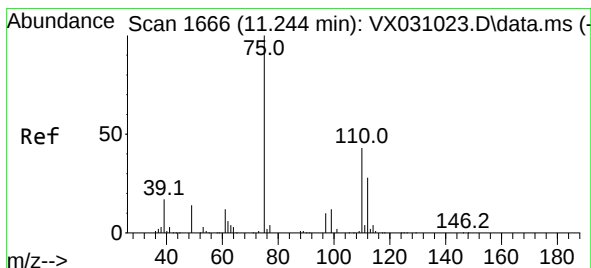
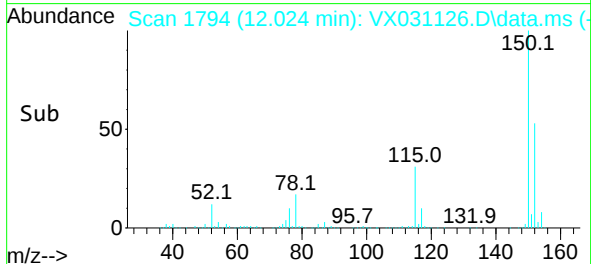
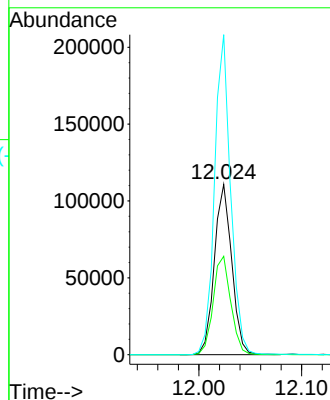
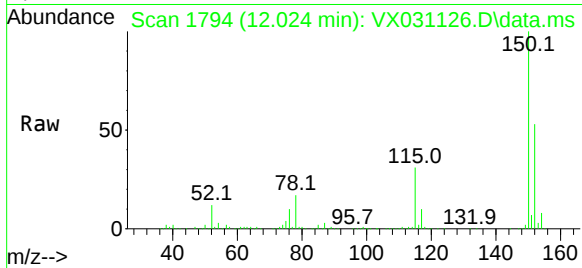




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

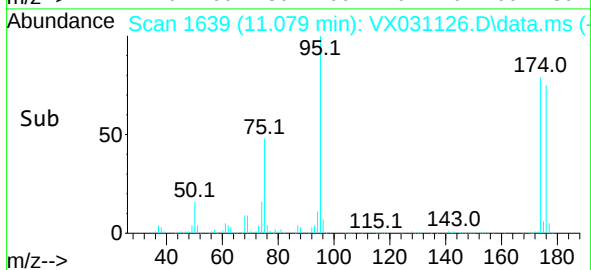
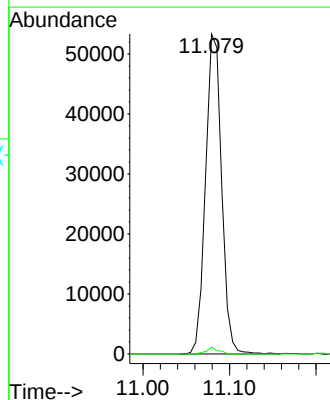
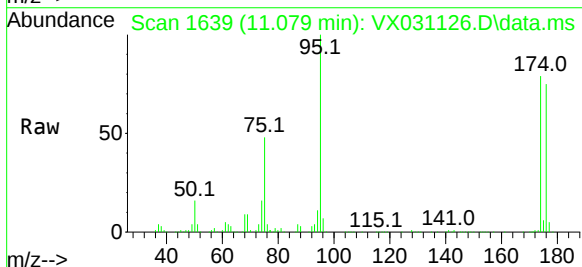
Instrument :
MSVOA_X
ClientSampleId :
VX0906WBL01

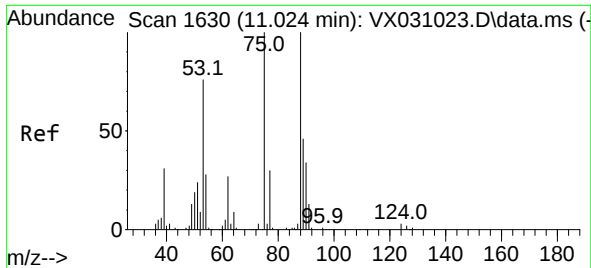
Tgt Ion:152 Resp: 130311
Ion Ratio Lower Upper
152 100
115 58.6 40.5 121.5
150 174.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031126.D
Acq: 06 Sep 2022 14:17

Tgt Ion: 75 Resp: 68721
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.111 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031126.D
 Acq: 06 Sep 2022 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBL01

Tgt Ion: 75 Resp: 68721
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

