

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029658.D
 Acq On : 21 Jun 2022 13:14
 Operator : JC/MD
 Sample : VX0621WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL01

Quant Time: Jun 22 01:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

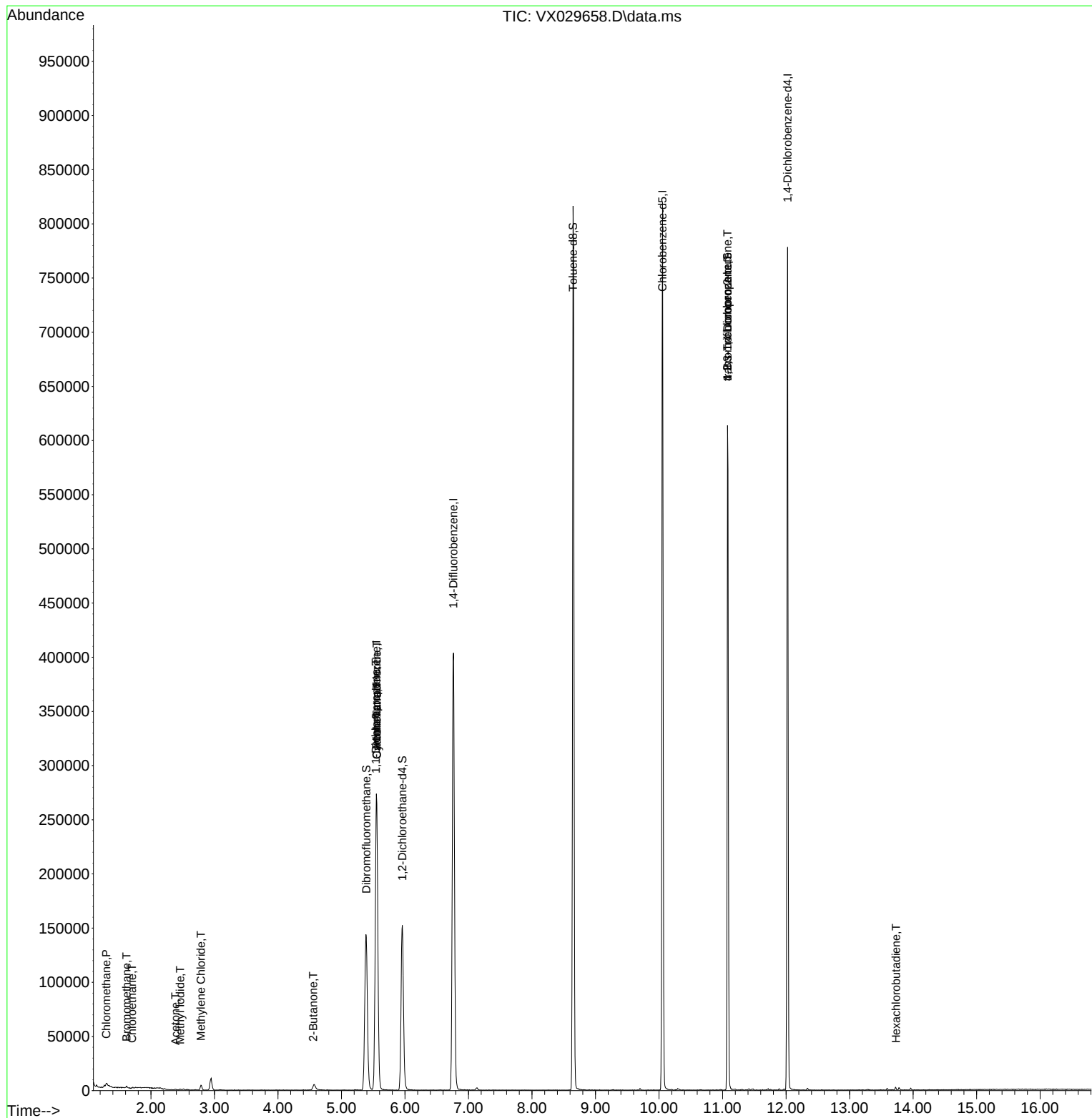
Internal Standards						
1) Pentafluorobenzene	5.550	168	265972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146520	41.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.240%
35) Dibromofluoromethane	5.391	113	130943	45.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.060%
50) Toluene-d8	8.647	98	497974	47.397	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	11.079	95	176399	44.522	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1106	0.319	ug/l	92
5) Bromomethane	1.617	94	897	0.550	ug/l #	80
6) Chloroethane	1.703	64	241	1.387	ug/l #	43
10) Methyl Iodide	2.459	142	885	3.279	ug/l #	91
11) Tert butyl alcohol	2.940	59	6284	Below Cal	#	72
16) Acetone	2.386	43	676	0.482	ug/l	97
20) Methylene Chloride	2.788	84	2287	0.732	ug/l	88
25) 2-Butanone	4.556	43	449	0.202	ug/l #	44
31) Cyclohexane	5.556	56	4962	1.050	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	19268	4.950	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26831	7.010	ug/l #	16
44) Trichloroethene	7.129	130	876	Below Cal		53
76) 1,2,3-Trichloropropane	11.079	75	85527	23.553	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85527	78.357	ug/l #	15
94) Hexachlorobutadiene	13.731	225	526	0.394	ug/l	80

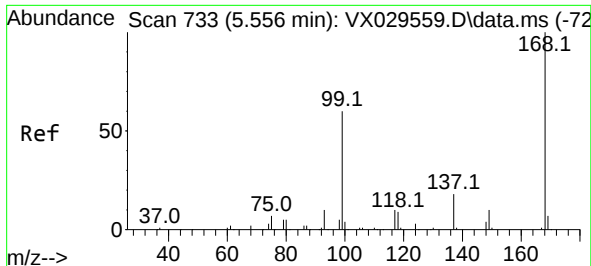
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 01:10:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
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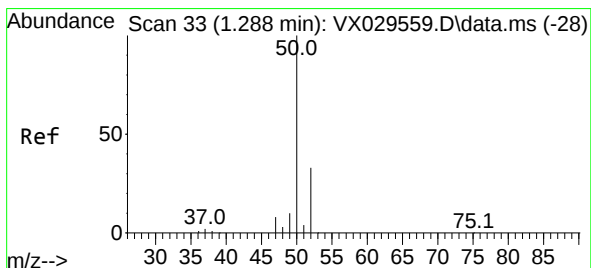
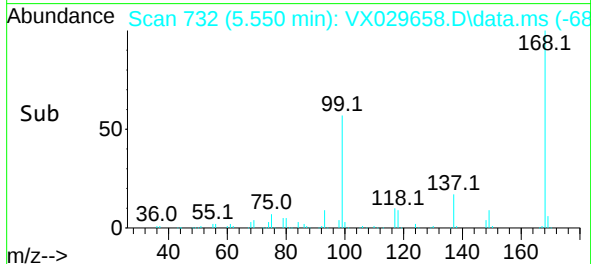
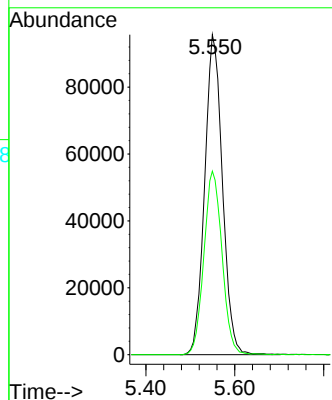
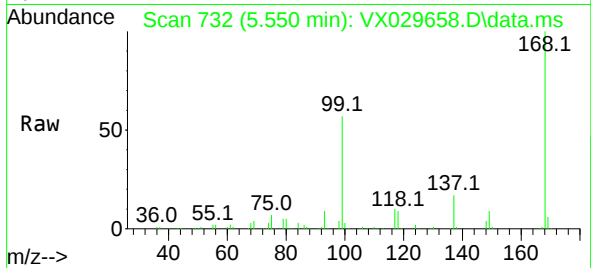




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

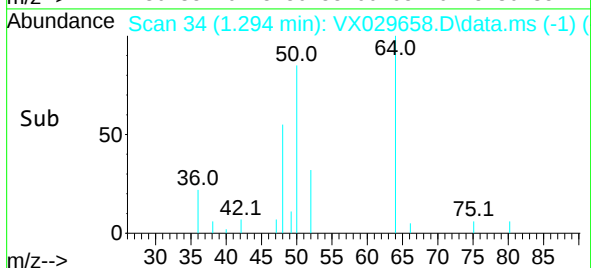
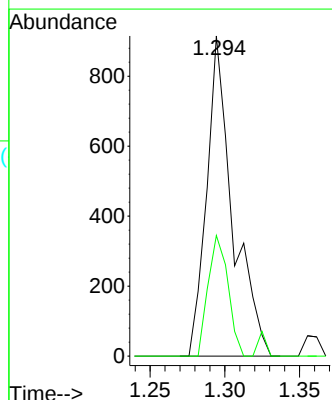
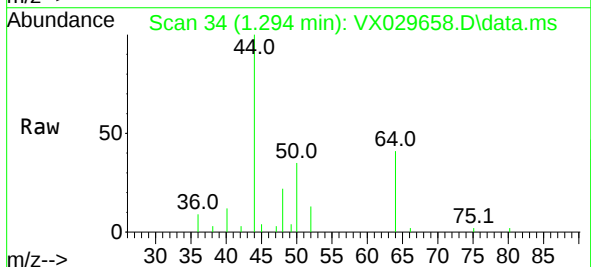
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

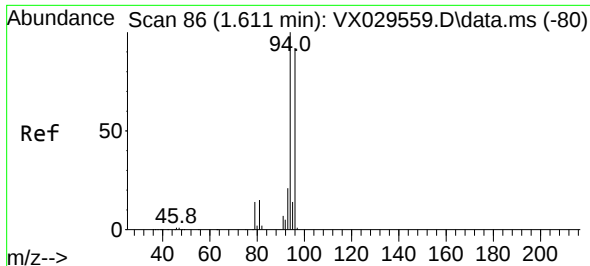
Tgt Ion:168 Resp: 265972
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 50 Resp: 1106
Ion Ratio Lower Upper
50 100
52 37.7 26.4 39.6

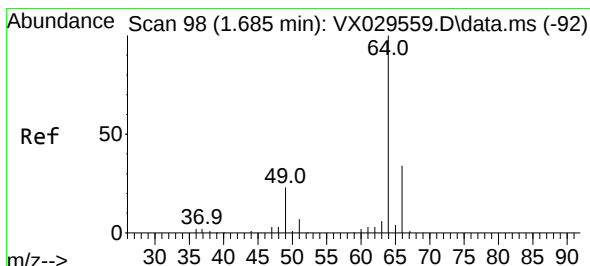
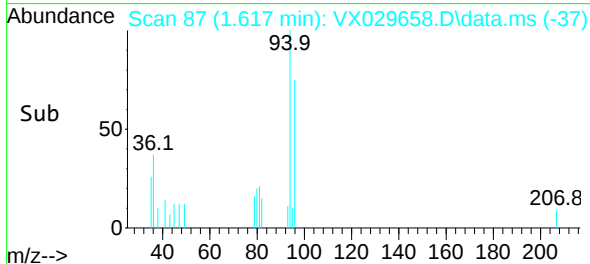
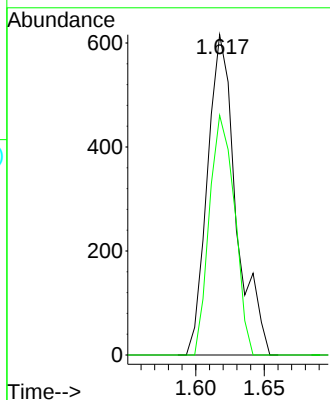
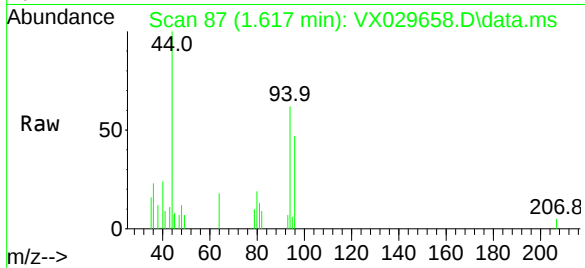




#5
Bromomethane
Concen: 0.550 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

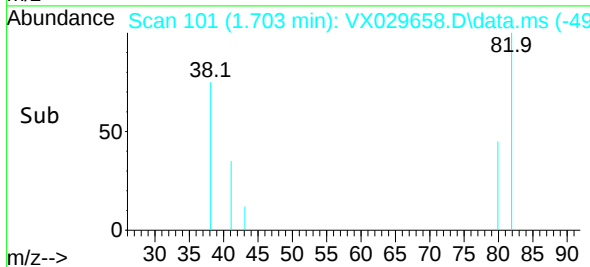
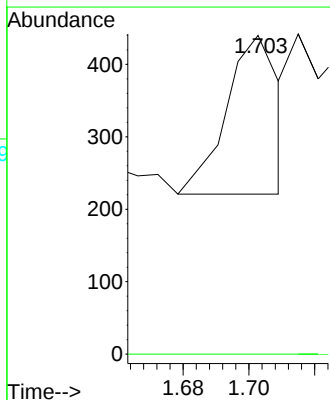
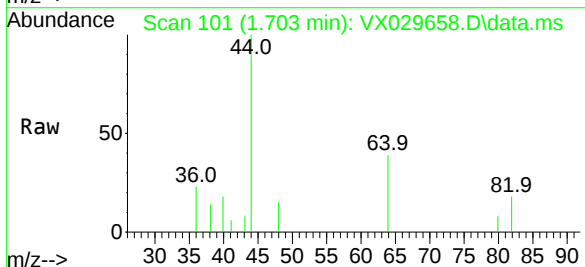
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

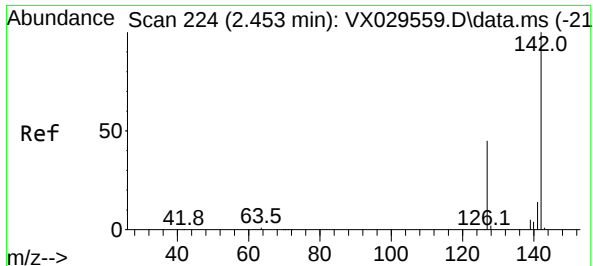
Tgt Ion: 94 Resp: 897
Ion Ratio Lower Upper
94 100
96 74.8 75.3 112.9#



#6
Chloroethane
Concen: 1.387 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

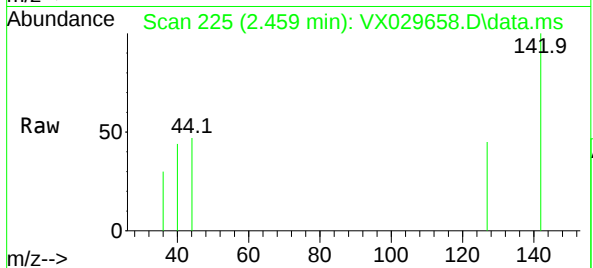
Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



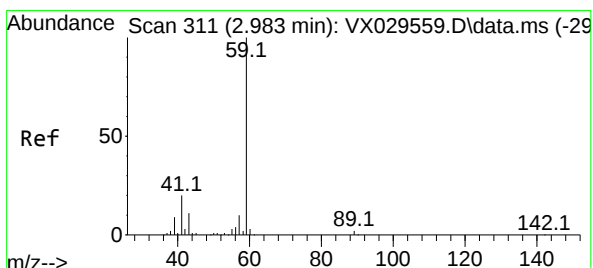
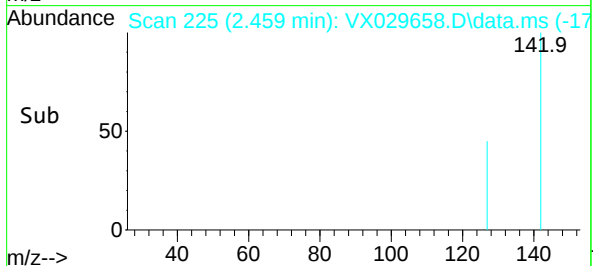
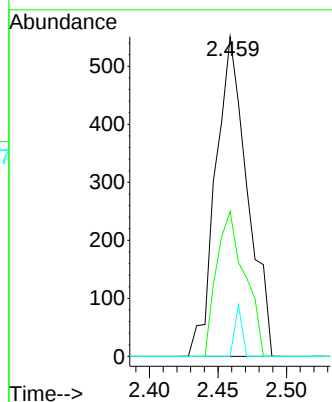


#10
Methyl Iodide
Concen: 3.279 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

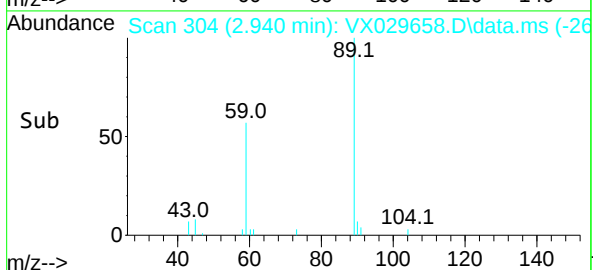
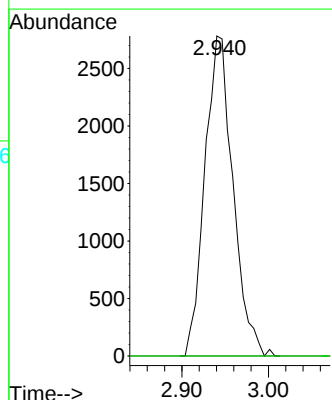
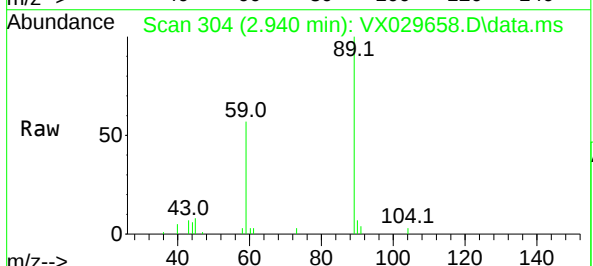


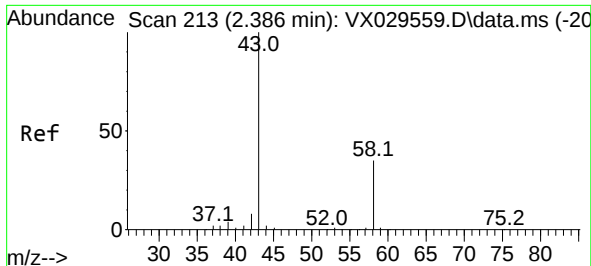
Tgt Ion:142 Resp: 885
Ion Ratio Lower Upper
142 100
127 40.3 33.9 50.9
141 3.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 59 Resp: 6284
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

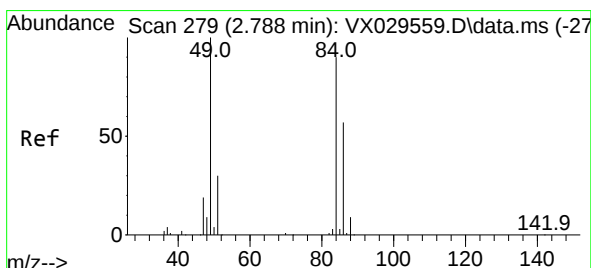
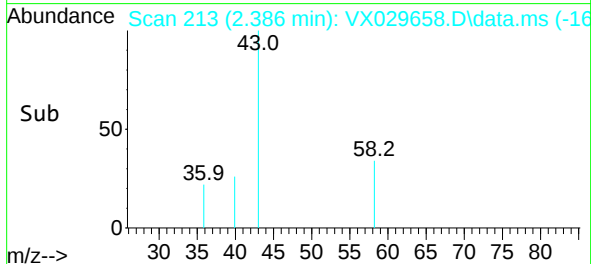
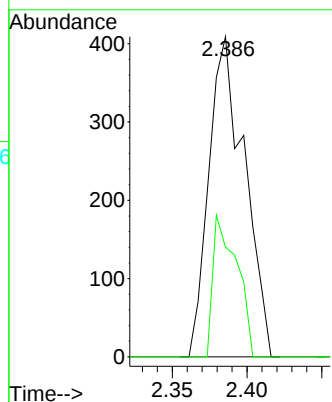
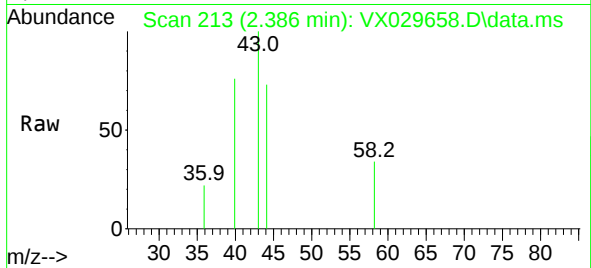




#16
Acetone
Concen: 0.482 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

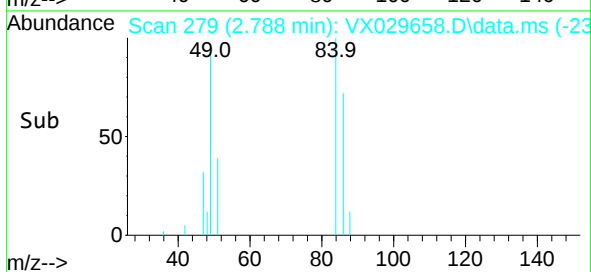
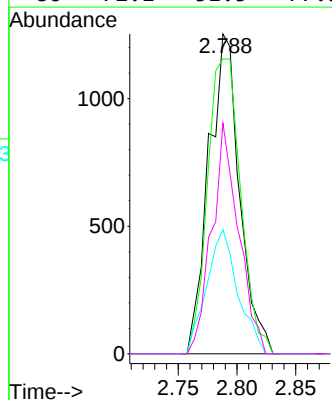
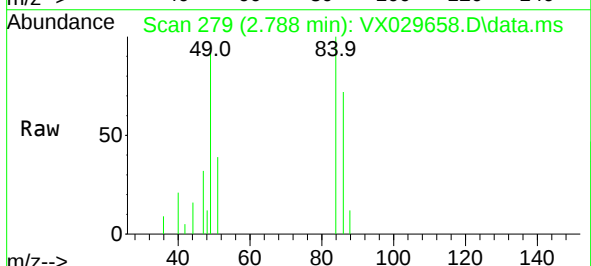
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

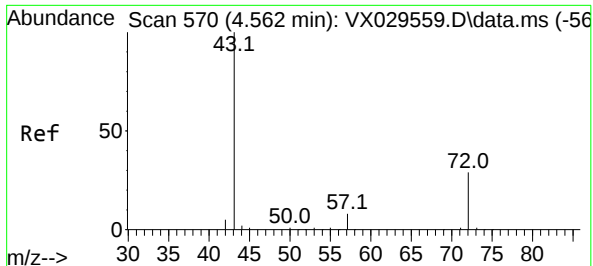
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2



#20
Methylene Chloride
Concen: 0.732 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 84 Resp: 2287
Ion Ratio Lower Upper
84 100
49 92.3 85.5 128.3
51 38.9 26.6 39.8
86 72.1 51.5 77.3

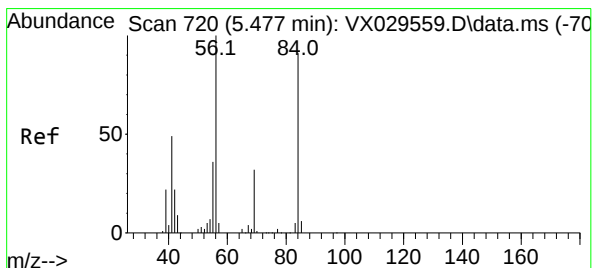
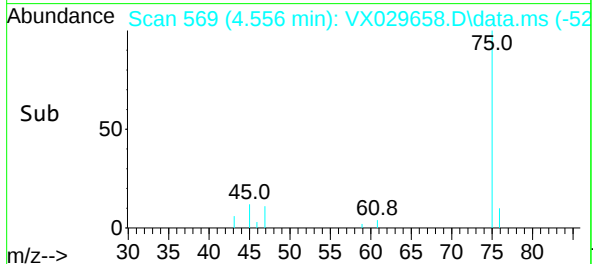
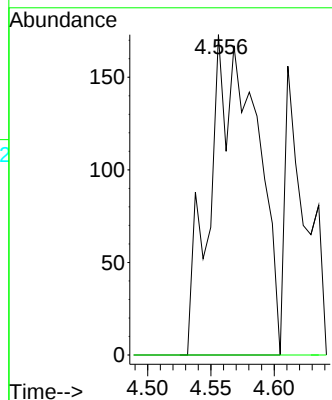
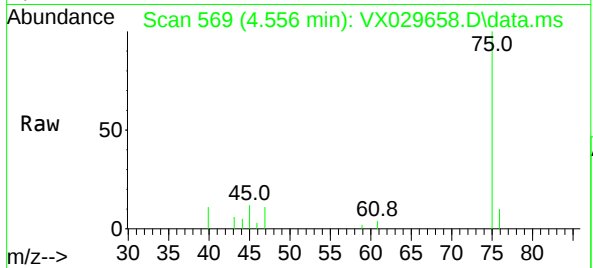




#25
2-Butanone
Concen: 0.202 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

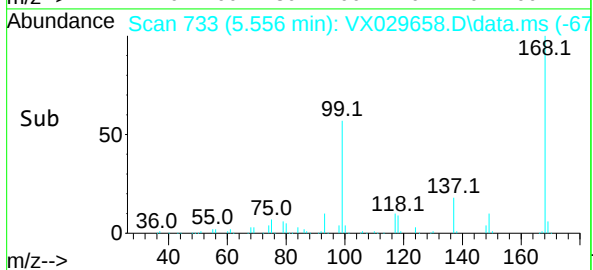
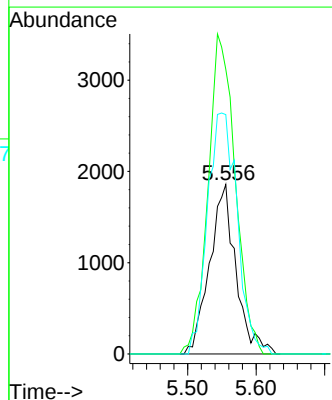
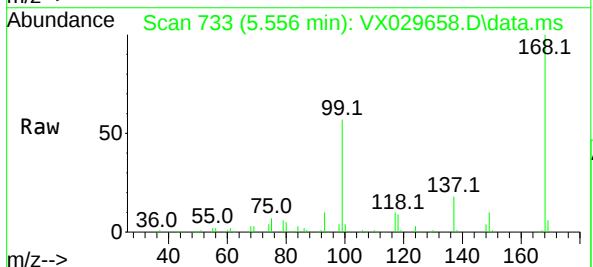
Instrument :
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ClientSampleId :
VX0621WBL01

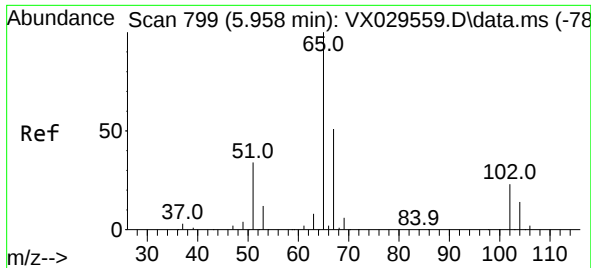
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 56 Resp: 4962
Ion Ratio Lower Upper
56 100
69 168.0 26.7 40.1#
84 141.2 77.2 115.8#

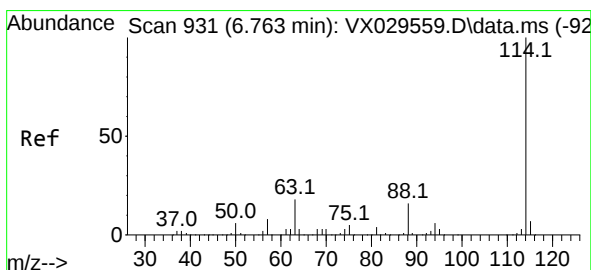
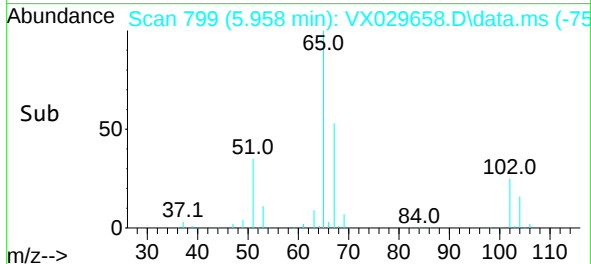
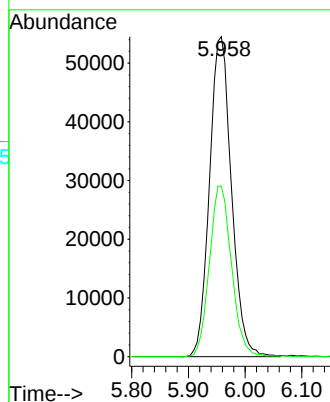
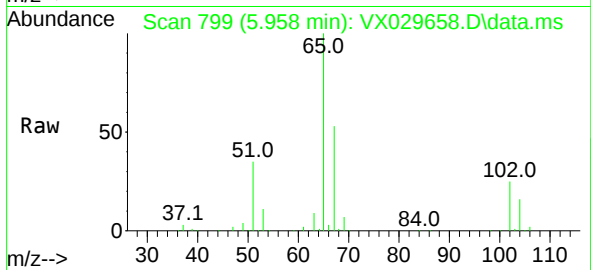




#33
 1,2-Dichloroethane-d4
 Concen: 41.616 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029658.D
 Acq: 21 Jun 2022 13:14

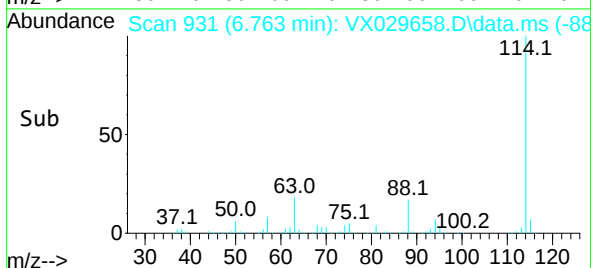
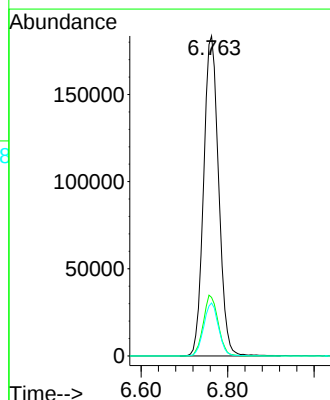
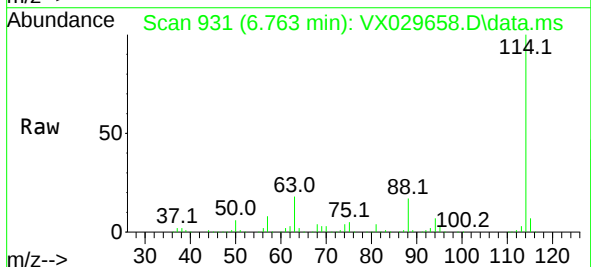
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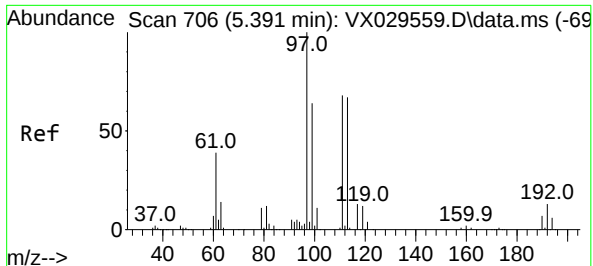
Tgt Ion: 65 Resp: 146520
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029658.D
 Acq: 21 Jun 2022 13:14

Tgt Ion: 114 Resp: 441310
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.530 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029658.D

Acq: 21 Jun 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBL01

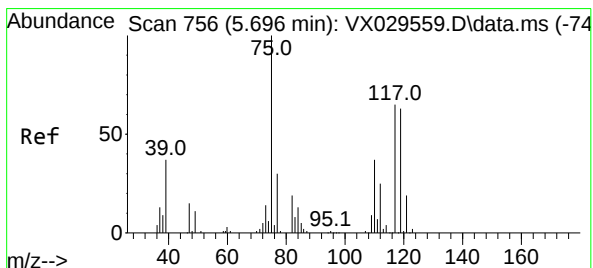
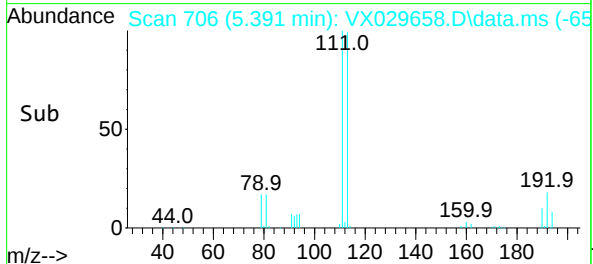
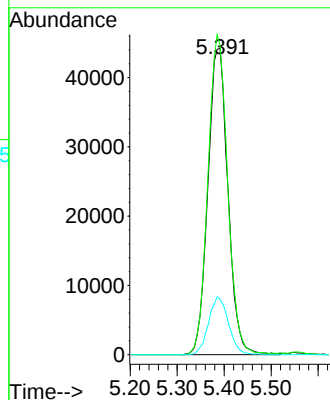
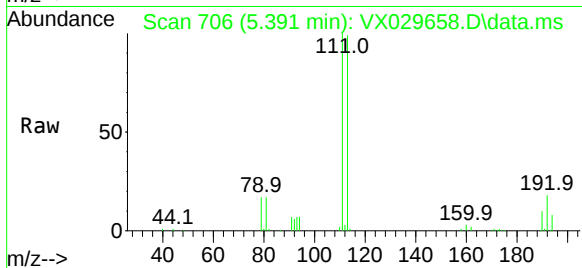
Tgt Ion:113 Resp: 130943

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.950 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX029658.D

Acq: 21 Jun 2022 13:14

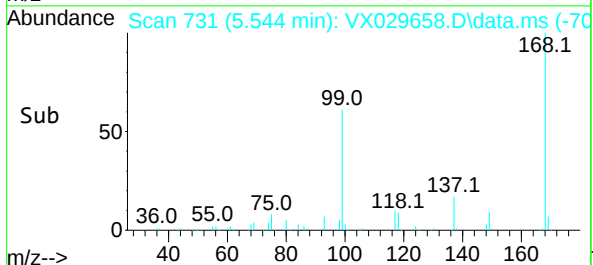
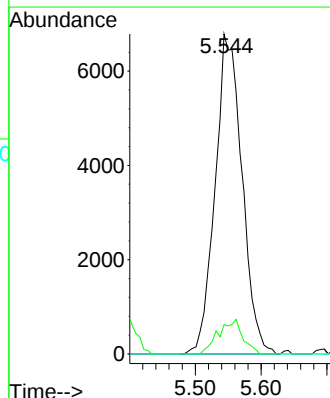
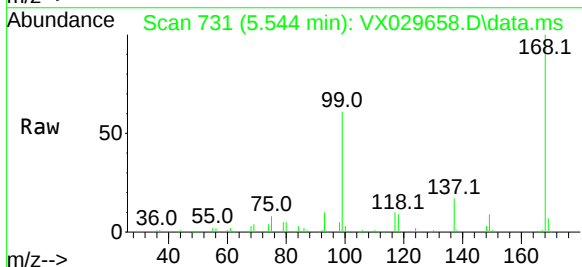
Tgt Ion: 75 Resp: 19268

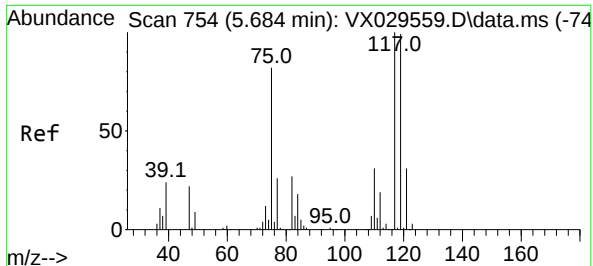
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

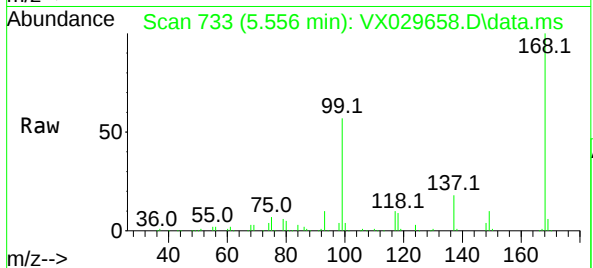
77 0.0 24.8 37.2#



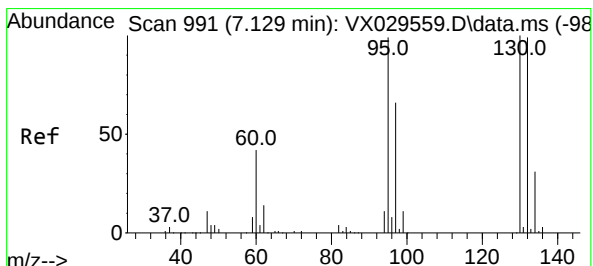
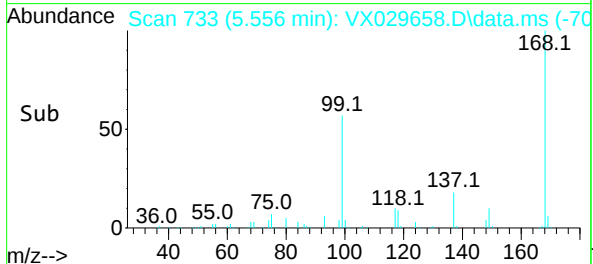
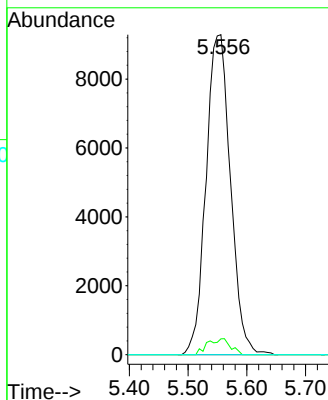


#38
Carbon Tetrachloride
Concen: 7.010 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

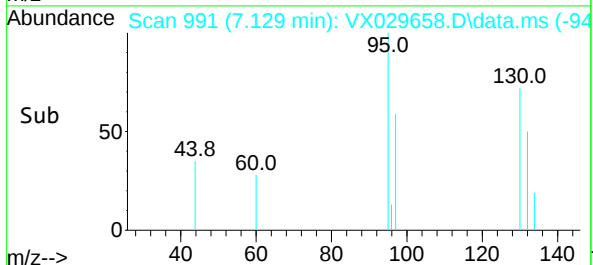
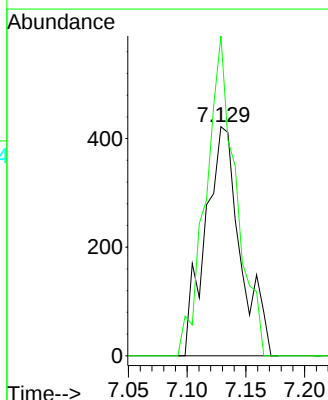
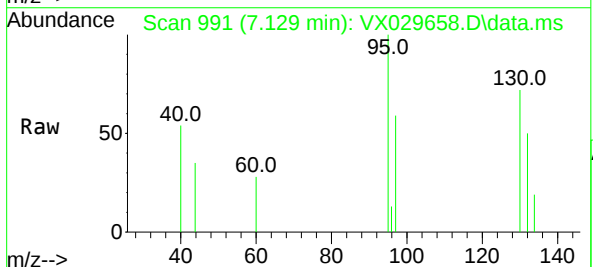


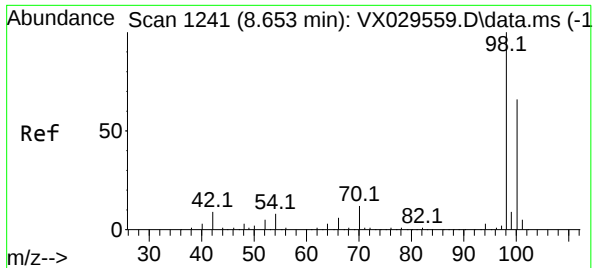
Tgt Ion:117 Resp: 26831
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion:130 Resp: 876
Ion Ratio Lower Upper
130 100
95 139.6 0.0 188.8

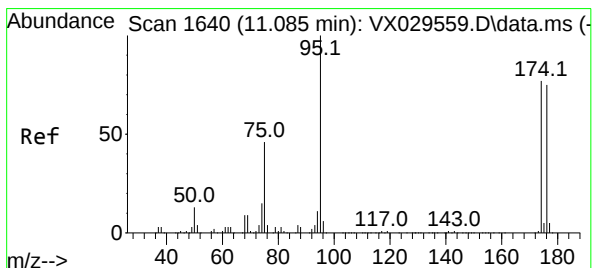
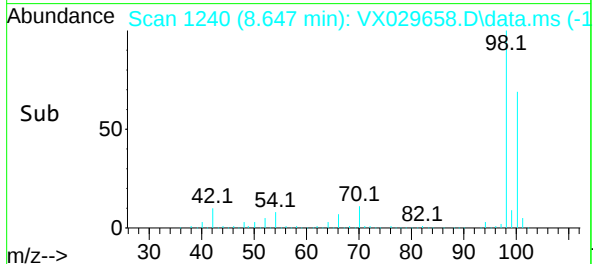
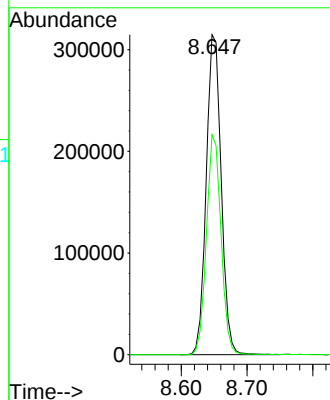
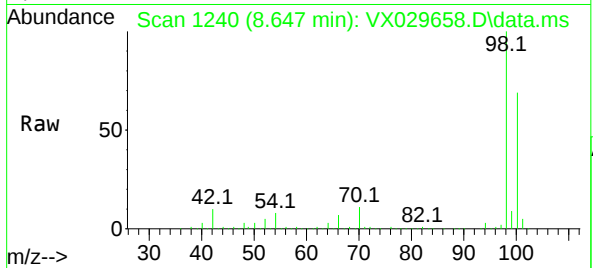




#50
Toluene-d8
Concen: 47.397 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

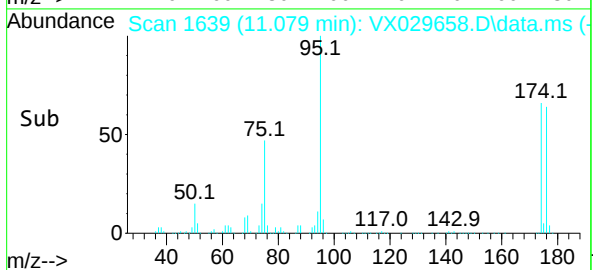
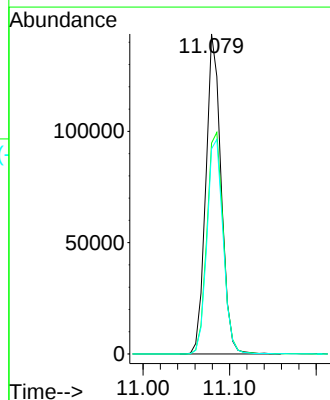
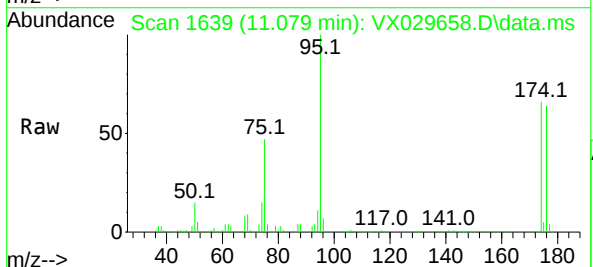
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

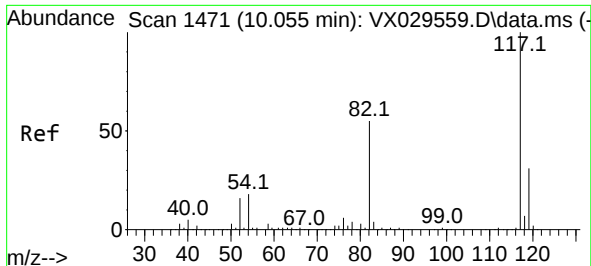
Tgt Ion: 98 Resp: 497974
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 95 Resp: 176399
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 70.7 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029658.D

Acq: 21 Jun 2022 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBL01

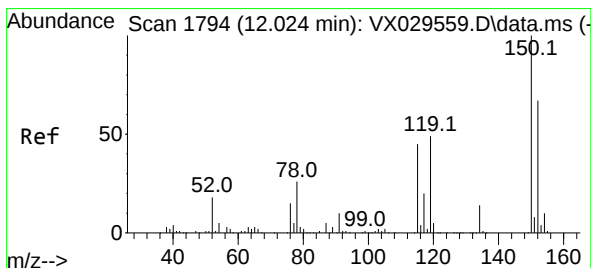
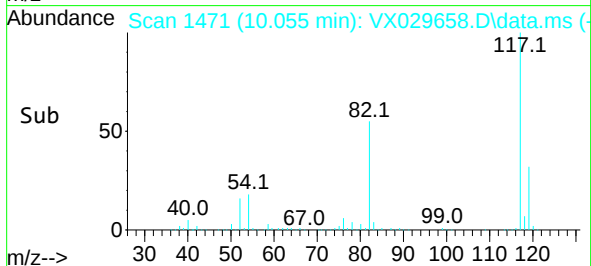
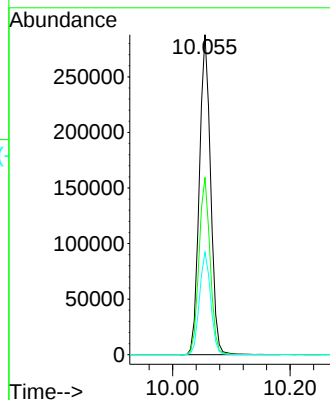
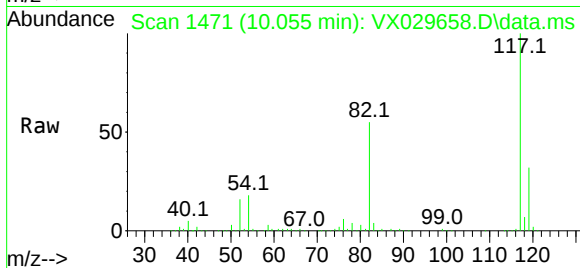
Tgt Ion:117 Resp: 383550

Ion Ratio Lower Upper

117 100

82 55.4 41.8 62.8

119 32.0 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029658.D

Acq: 21 Jun 2022 13:14

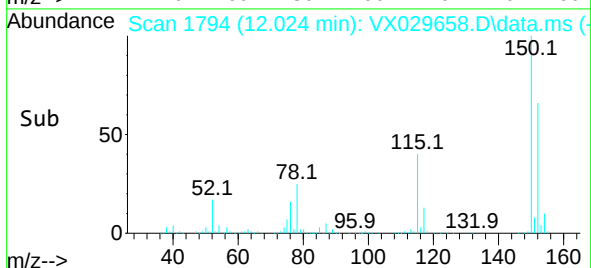
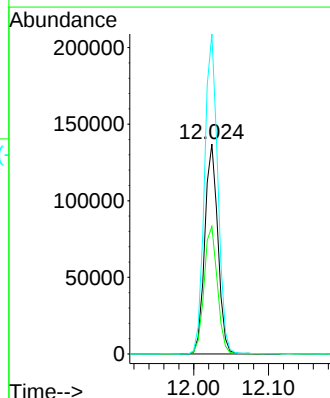
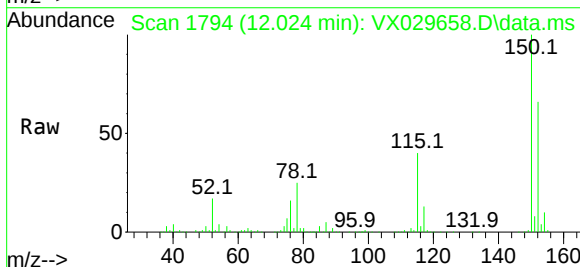
Tgt Ion:152 Resp: 166683

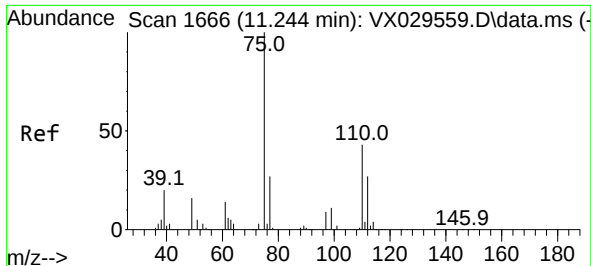
Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 154.4 0.0 338.2

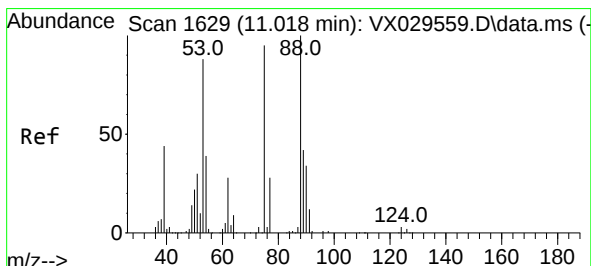
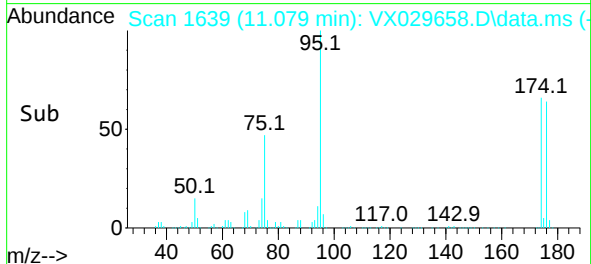
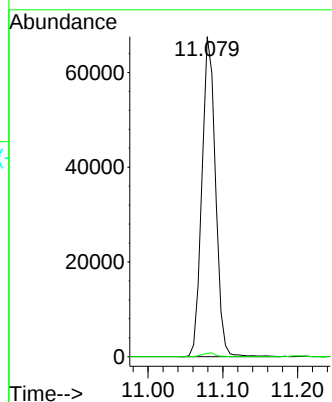
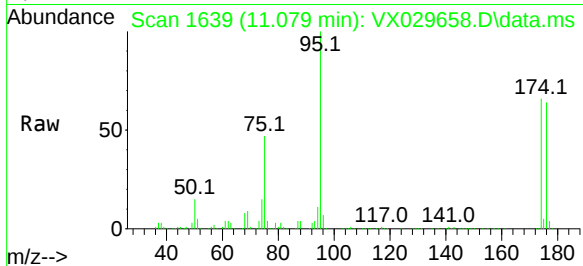




#76
1,2,3-Trichloropropane
Concen: 23.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

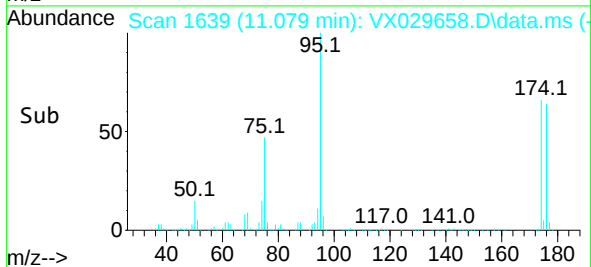
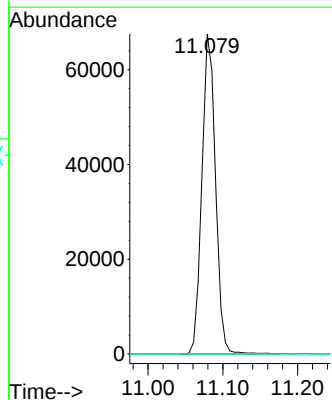
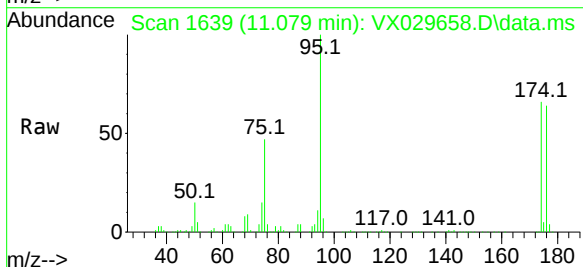
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBL01

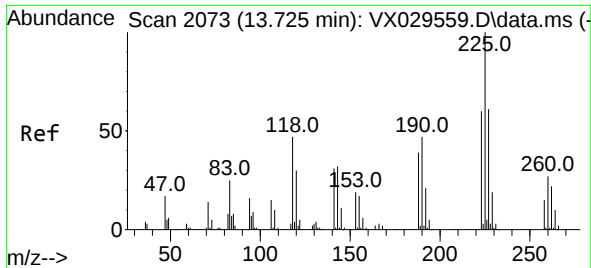
Tgt Ion: 75 Resp: 85527
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029658.D
Acq: 21 Jun 2022 13:14

Tgt Ion: 75 Resp: 85527
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.394 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX029658.D
 Acq: 21 Jun 2022 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL01

Tgt Ion:	225	Resp:	526
Ion	Ratio	Lower	Upper
225	100		
223	65.2	34.2	102.5
227	37.8	33.9	101.7

