

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030082.D
 Acq On : 15 Jul 2022 10:53
 Operator : JC/MD
 Sample : VX0715WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

Quant Time: Jul 16 06:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

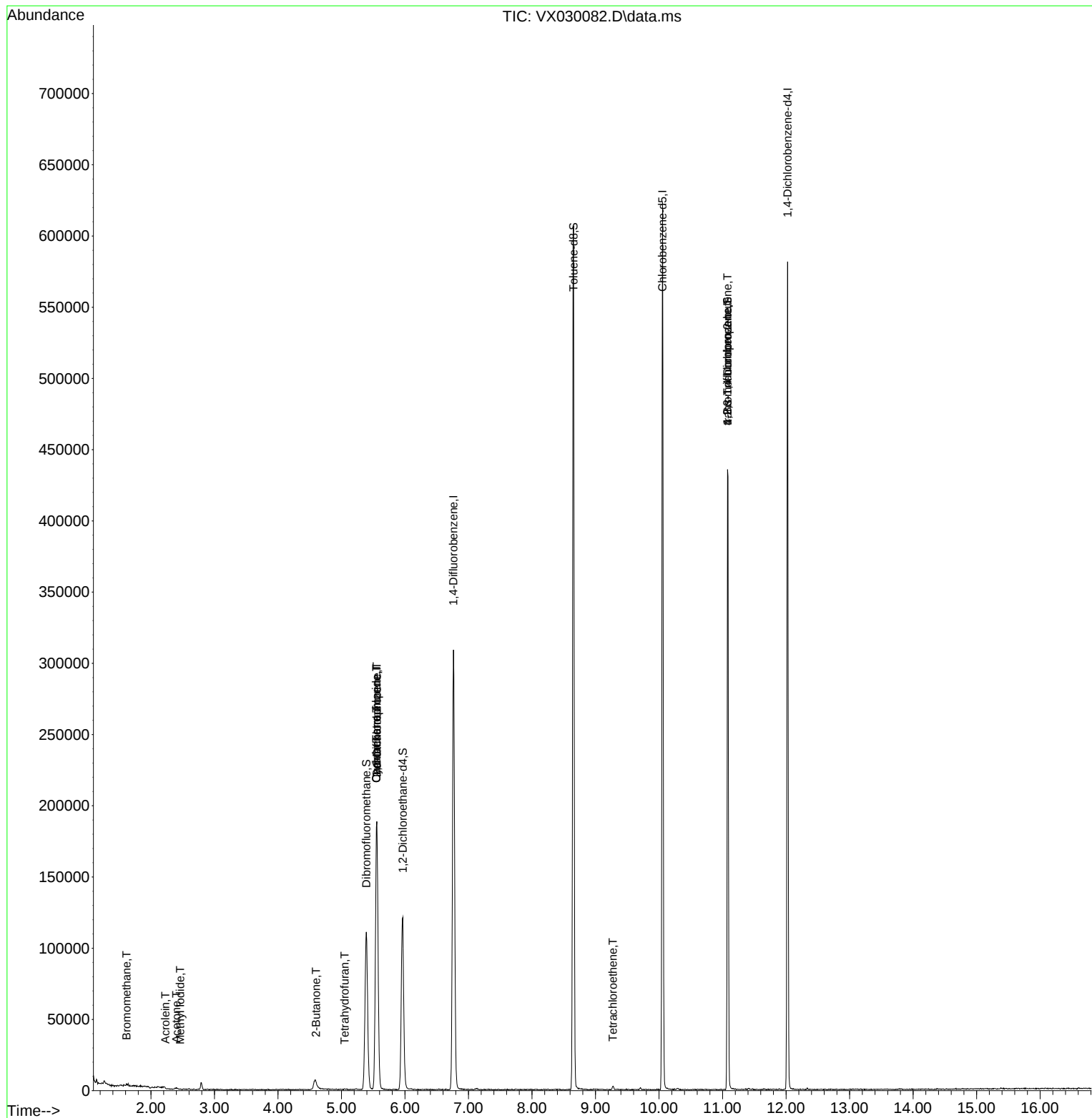
Internal Standards						
1) Pentafluorobenzene	5.556	168	185594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109341	48.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	5.391	113	98395	47.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.653	98	377675	48.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.079	95	121457	44.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	390	Below Cal	#	42
5) Bromomethane	1.617	94	300	0.329	ug/l	89
10) Methyl Iodide	2.459	142	329	2.576	ug/l #	84
13) Acrolein	2.227	56	44	0.379	ug/l #	29
16) Acetone	2.398	43	1145	1.076	ug/l	93
17) Carbon Disulfide	2.520	76	604	Below Cal	#	74
20) Methylene Chloride	2.788	84	1988	Below Cal		86
25) 2-Butanone	4.599	43	645	0.356	ug/l #	48
29) Tetrahydrofuran	5.050	42	302	0.245	ug/l #	52
31) Cyclohexane	5.550	56	4211	1.286	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14181	5.280	ug/l #	48
38) Carbon Tetrachloride	5.550	117	18437	7.361	ug/l #	17
64) Tetrachloroethene	9.275	164	598	0.263	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	59014	21.756	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59014	62.786	ug/l #	13

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

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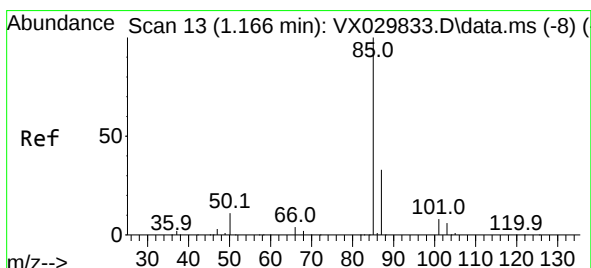
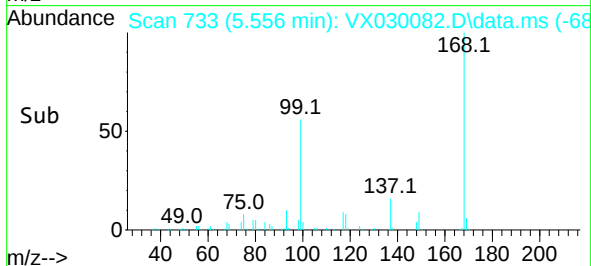
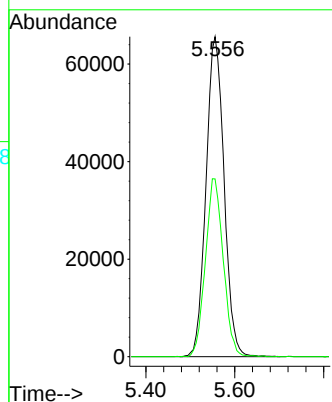
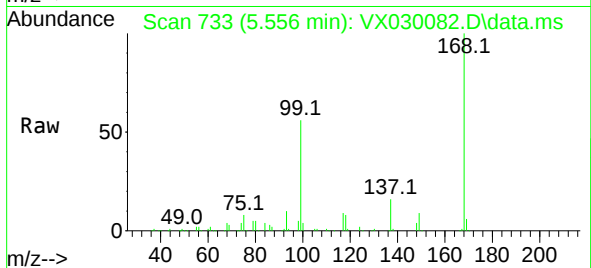




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

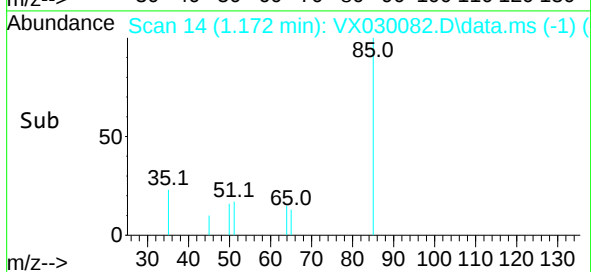
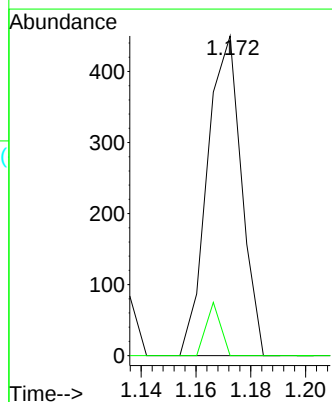
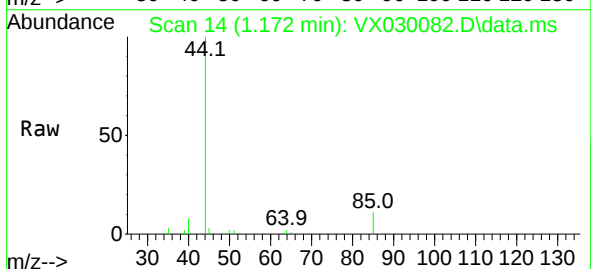
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

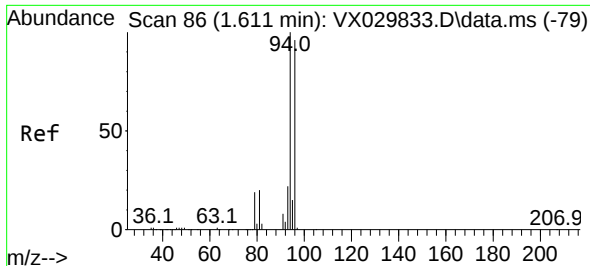
Tgt Ion:168 Resp: 185594
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 85 Resp: 390
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

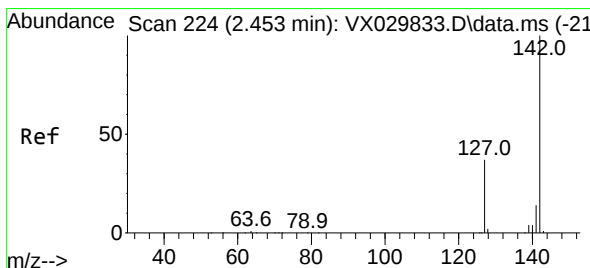
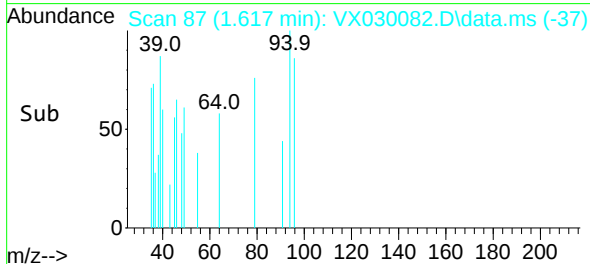
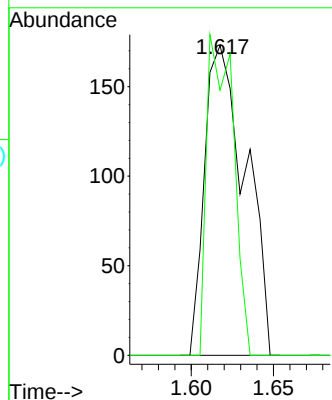
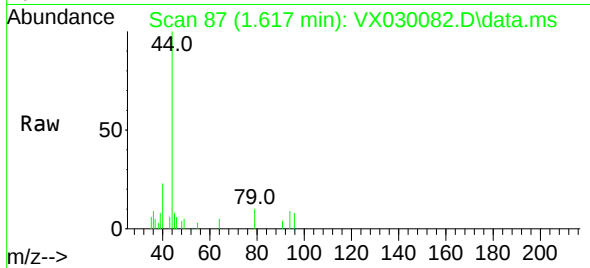




#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

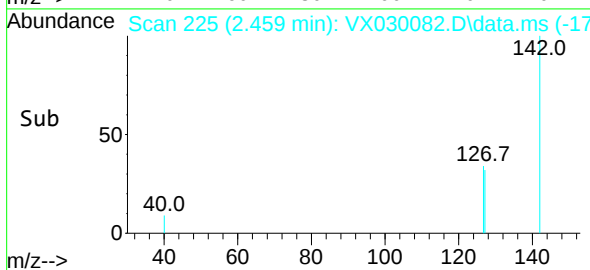
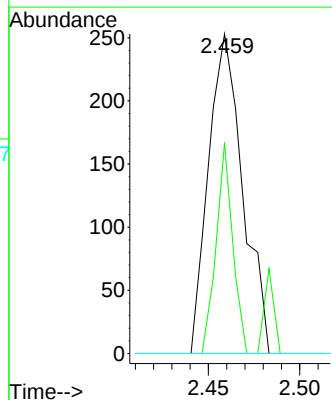
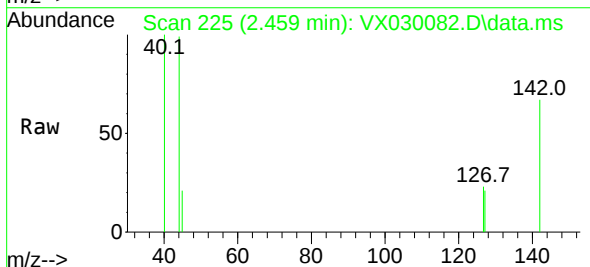
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

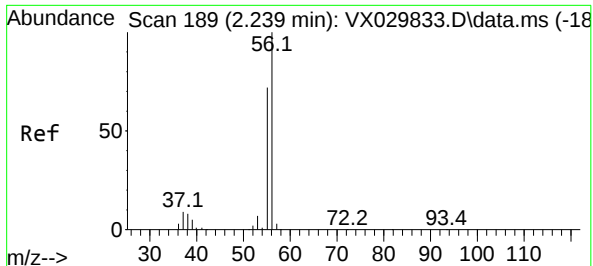
Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 85.5 76.9 115.3



#10
Methyl Iodide
Concen: 2.576 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 142 Resp: 329
Ion Ratio Lower Upper
142 100
127 31.9 30.2 45.2
141 0.0 11.3 16.9#

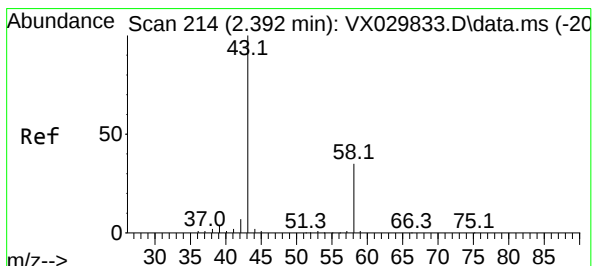
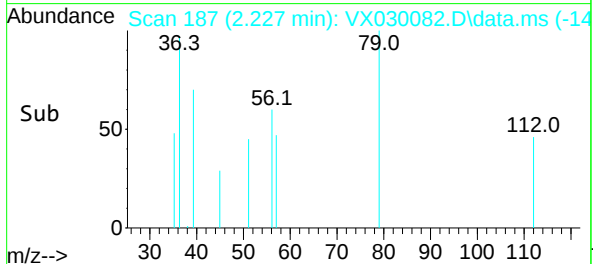
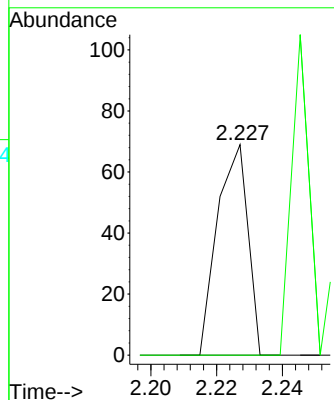
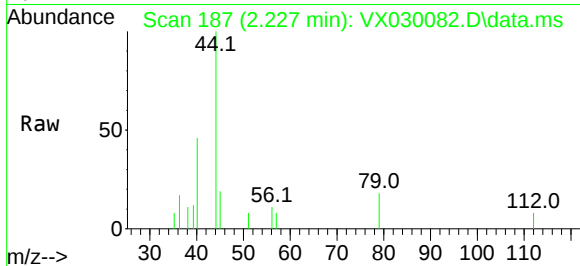




#13
Acrolein
Concen: 0.379 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

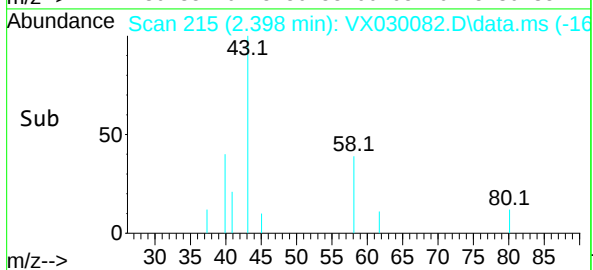
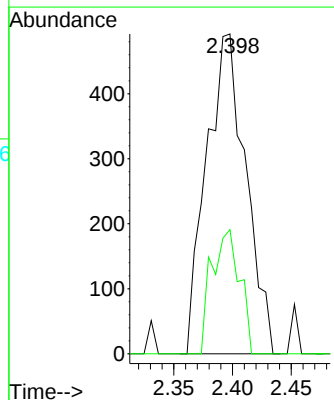
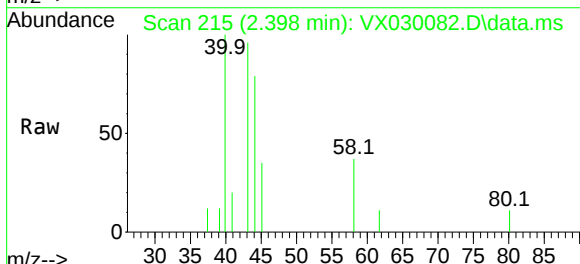
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

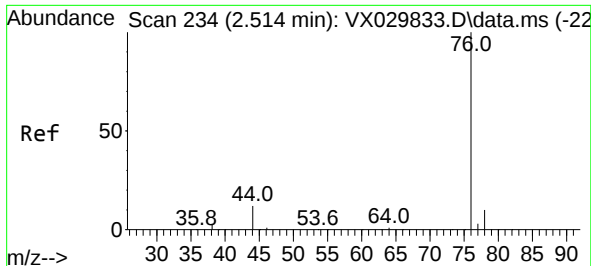
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 129.5 56.6 84.8#



#16
Acetone
Concen: 1.076 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 38.8 27.7 41.5

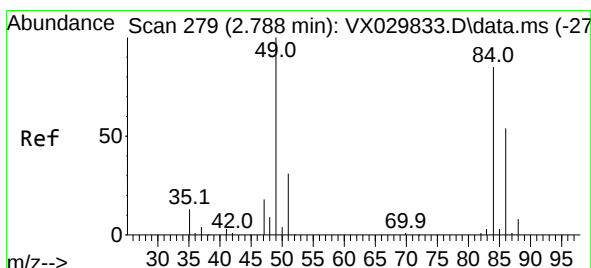
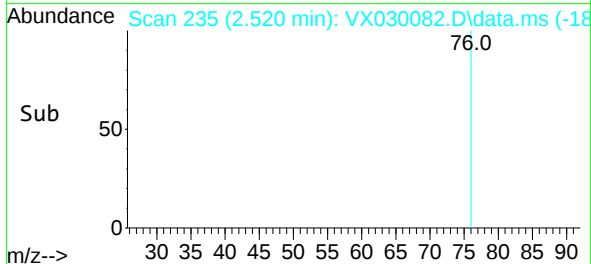
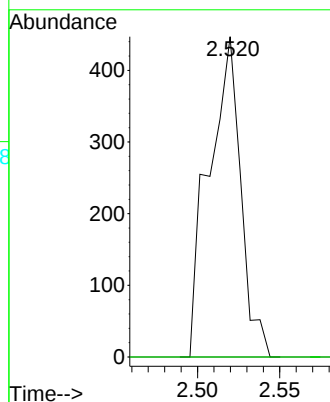
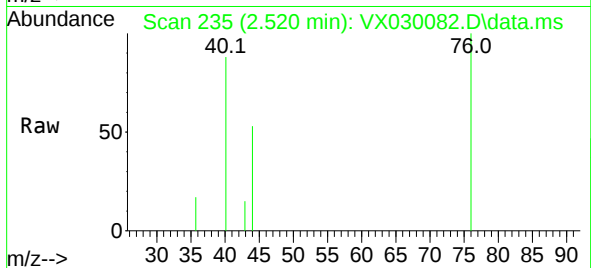




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

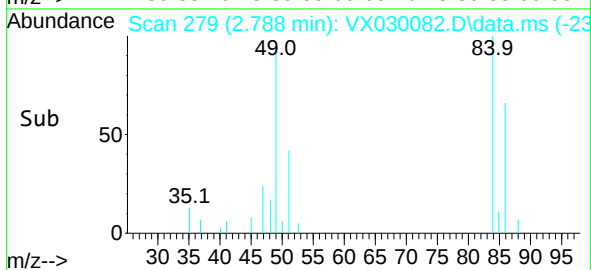
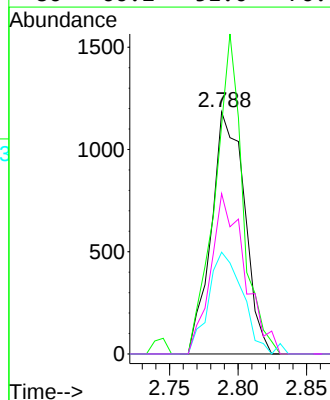
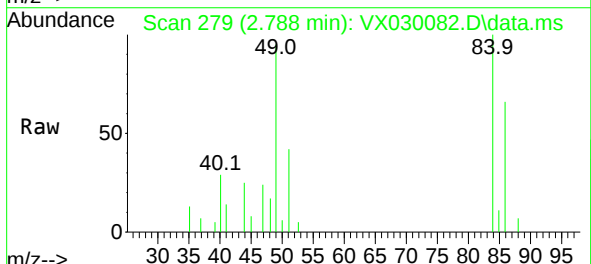
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

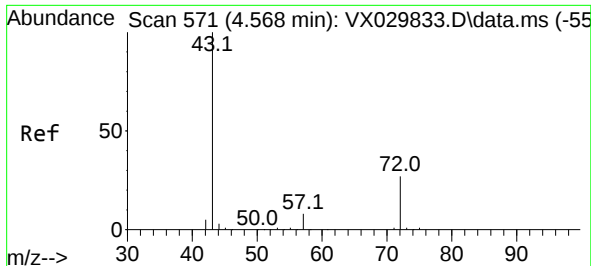
Tgt Ion: 76 Resp: 604
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 84 Resp: 1988
Ion Ratio Lower Upper
84 100
49 94.6 93.8 140.6
51 42.1 29.4 44.0
86 66.2 51.0 76.4





#25

2-Butanone

Concen: 0.356 ug/l

RT: 4.599 min Scan# 5

Delta R.T. 0.031 min

Lab File: VX030082.D

Acq: 15 Jul 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

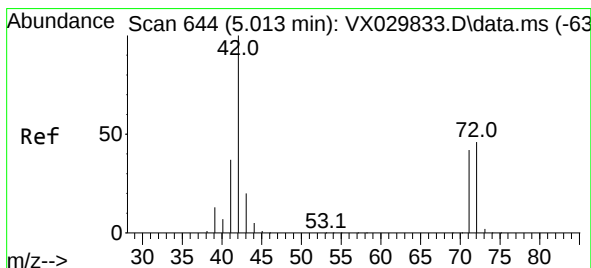
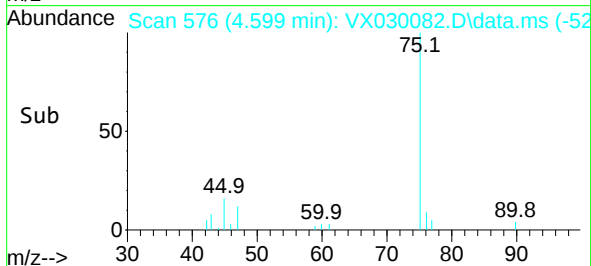
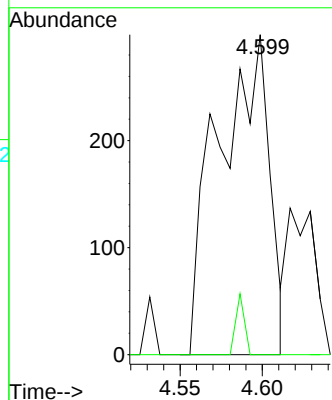
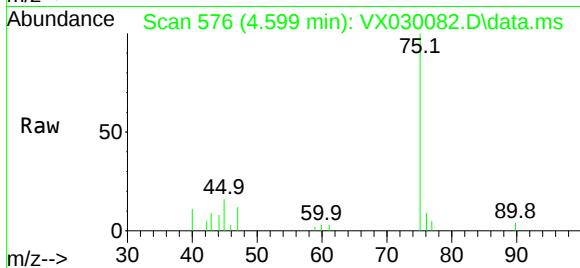
VX0715WBL01

Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.245 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX030082.D

Acq: 15 Jul 2022 10:53

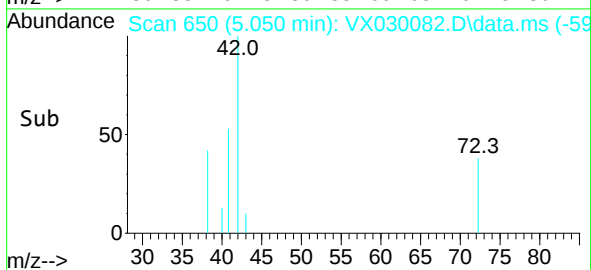
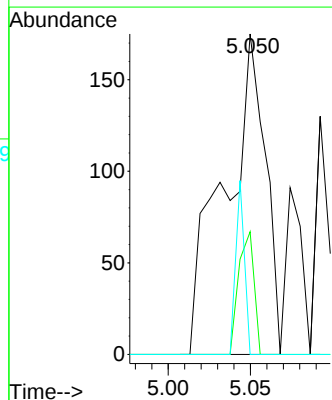
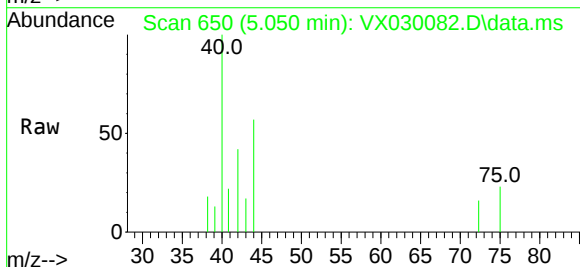
Tgt Ion: 42 Resp: 302

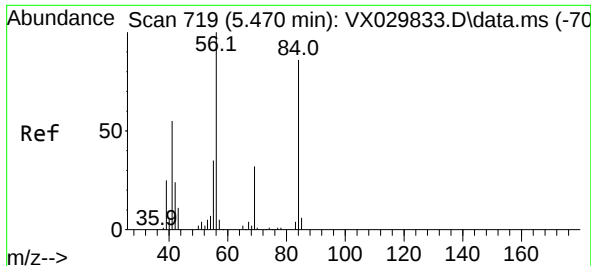
Ion Ratio Lower Upper

42 100

72 14.6 36.5 54.7#

71 11.6 33.9 50.9#

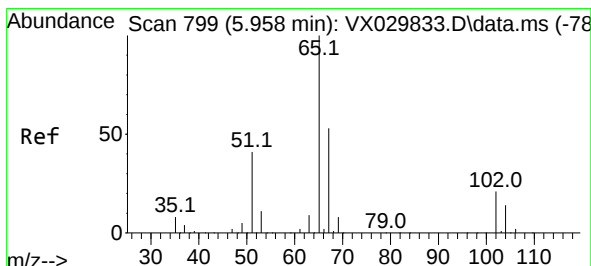
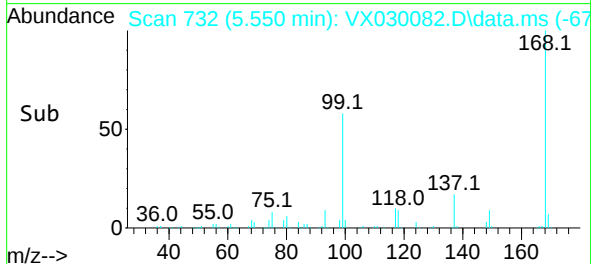
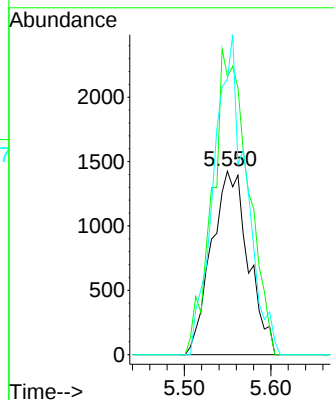
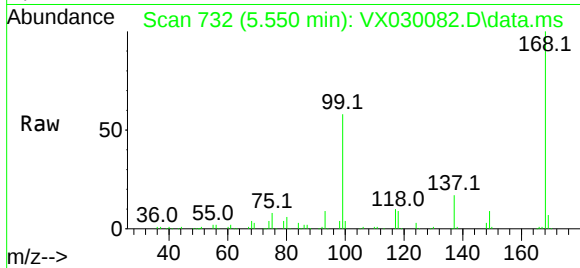




#31
Cyclohexane
Concen: 1.286 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

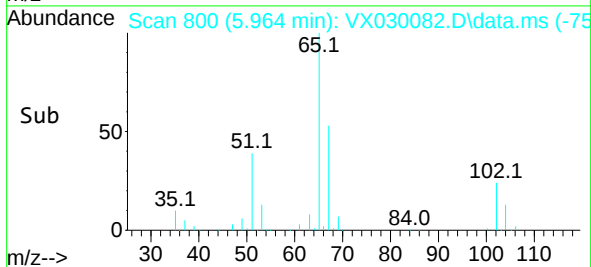
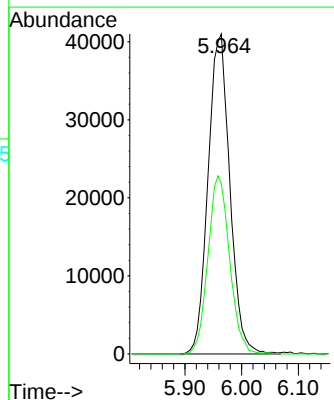
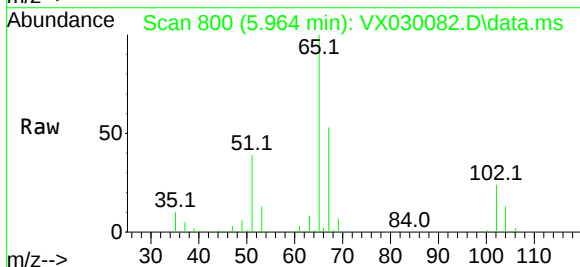
Instrument :
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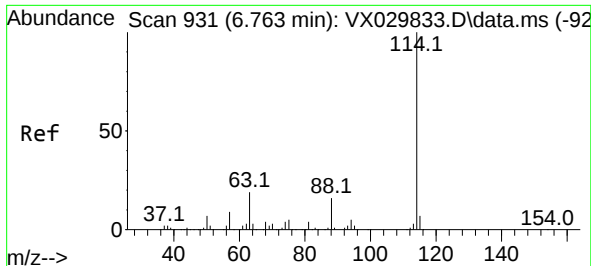
Tgt Ion: 56 Resp: 4211
Ion Ratio Lower Upper
56 100
69 151.6 25.4 38.0#
84 150.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.402 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 65 Resp: 109341
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

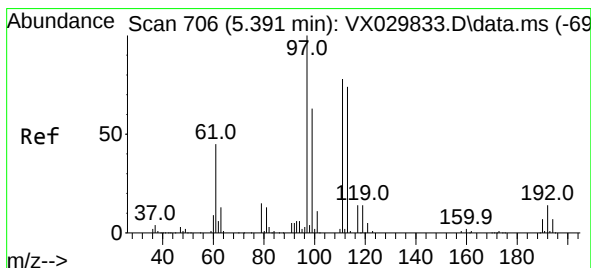
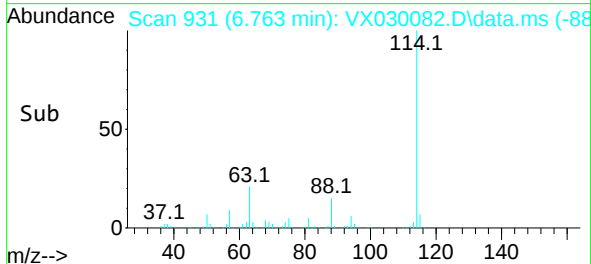
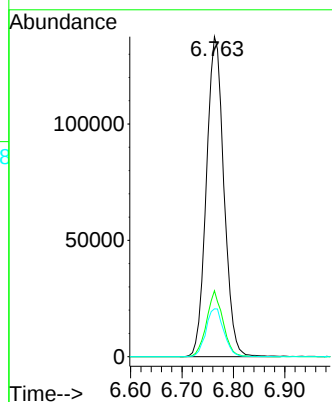
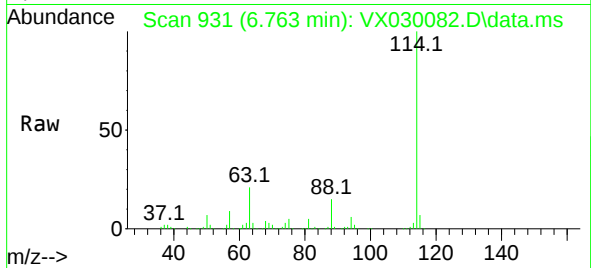




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

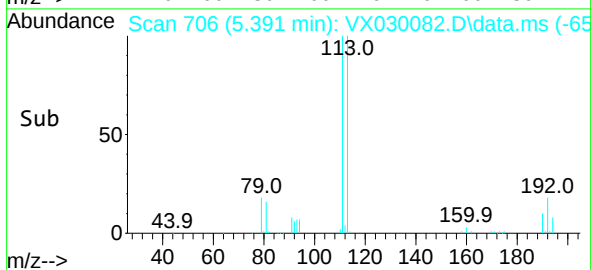
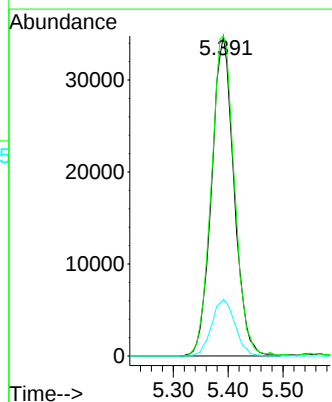
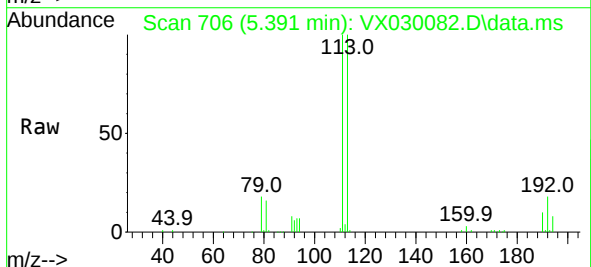
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

Tgt Ion:114 Resp: 325472
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.323 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion:113 Resp: 98395
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.4 14.8 22.2

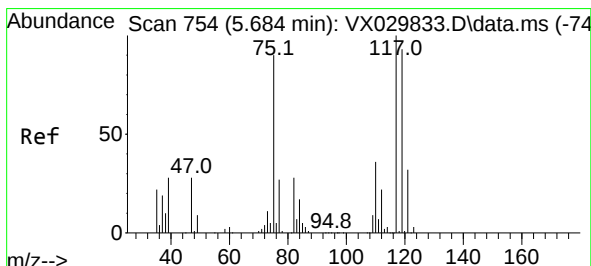
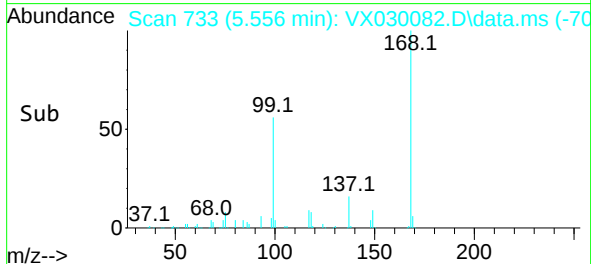
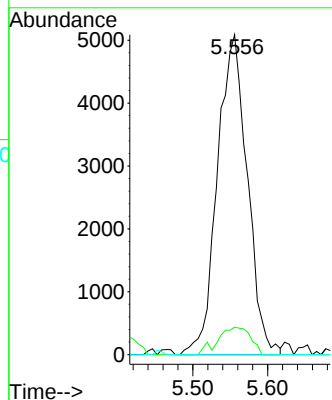
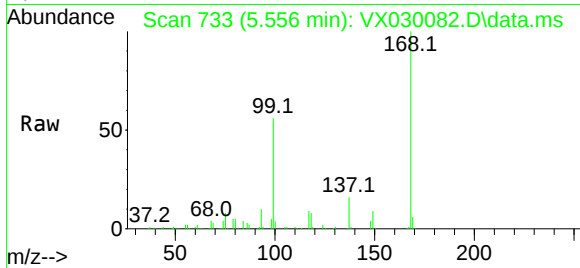




#36
1,1-Dichloropropene
Concen: 5.280 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

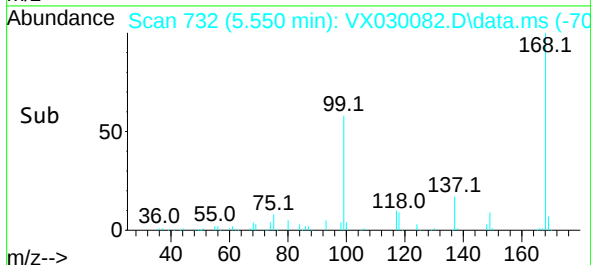
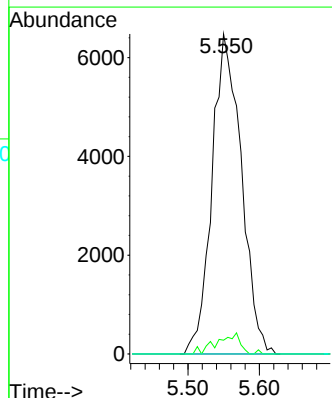
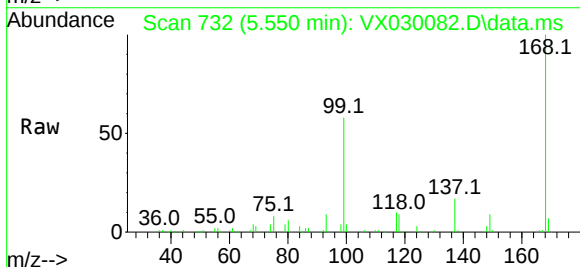
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

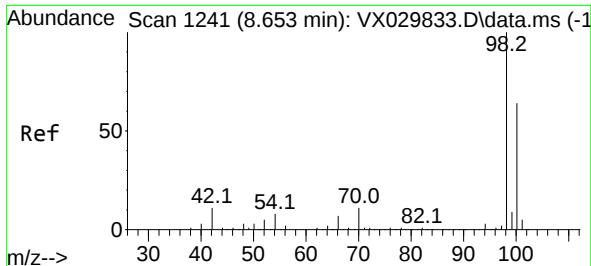
Tgt Ion: 75 Resp: 14181
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.361 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 117 Resp: 18437
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#

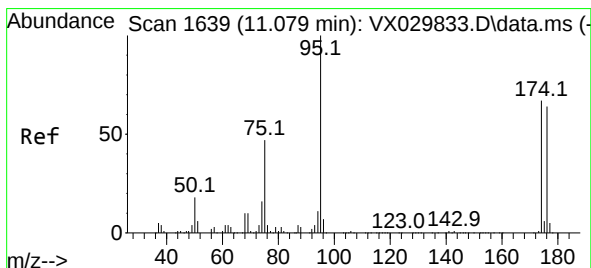
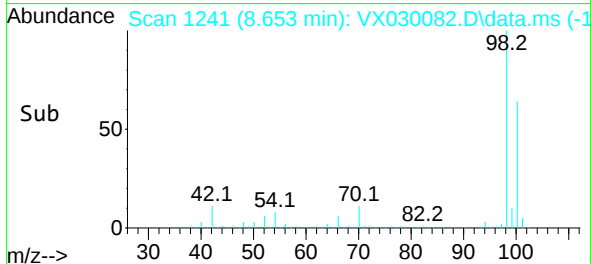
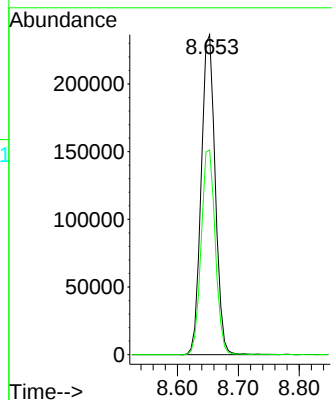
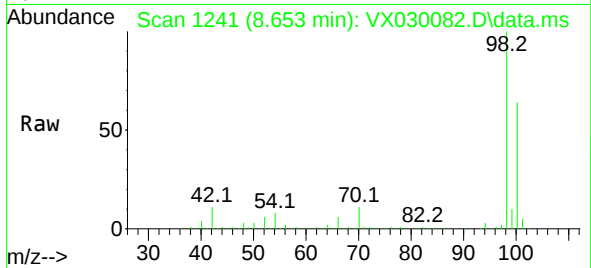




#50
Toluene-d8
Concen: 48.297 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

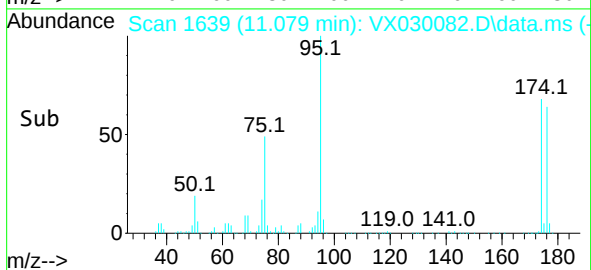
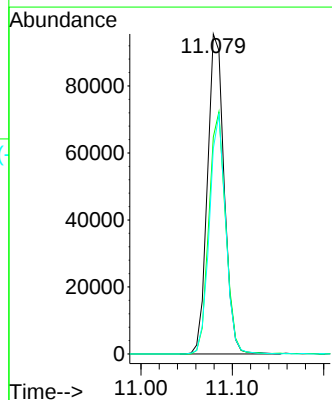
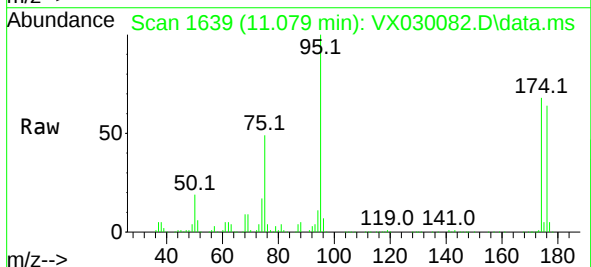
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

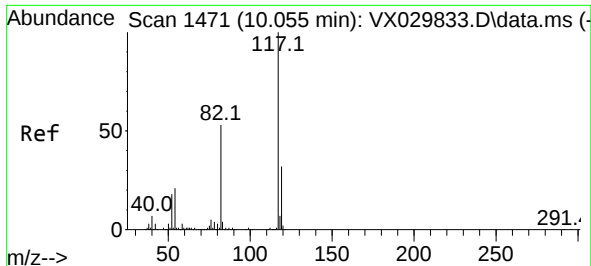
Tgt Ion: 98 Resp: 377675
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 95 Resp: 121457
Ion Ratio Lower Upper
95 100
174 75.6 0.0 149.0
176 72.9 0.0 146.0

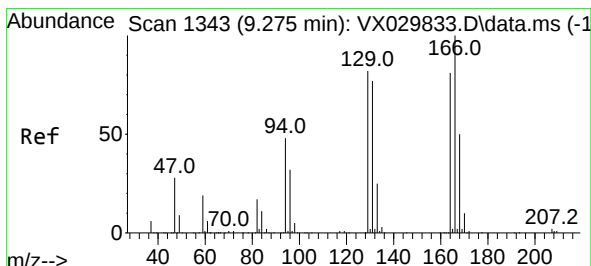
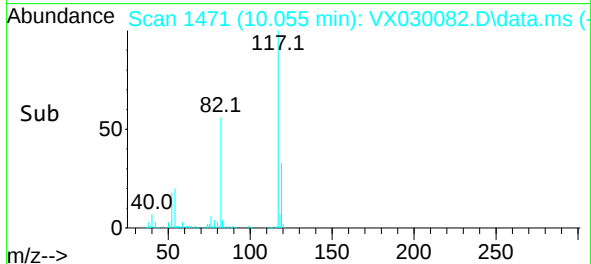
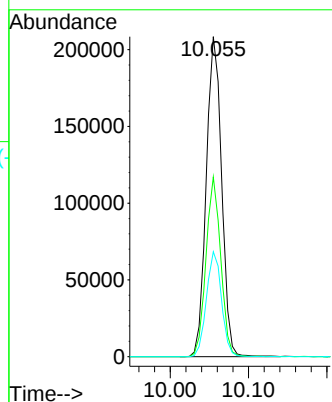
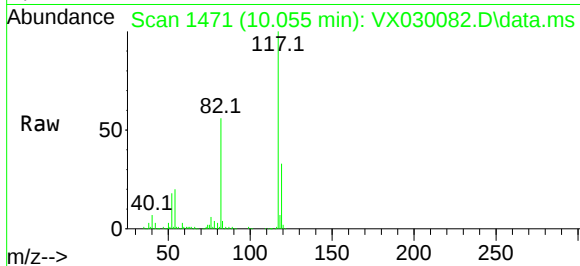




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

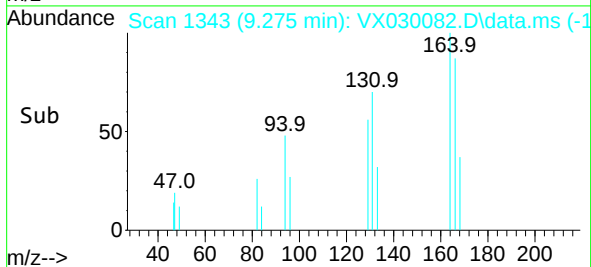
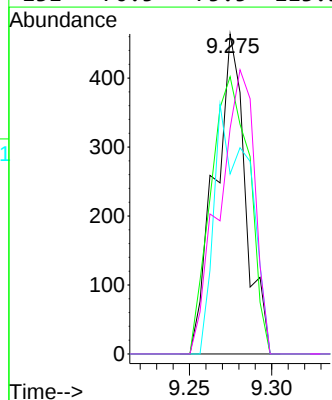
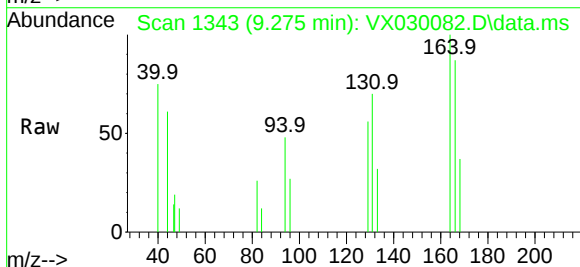
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

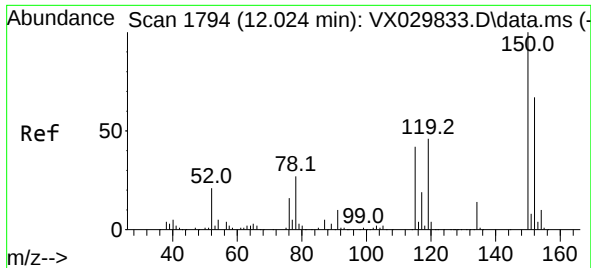
Tgt Ion:117 Resp: 283679
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.263 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion:164 Resp: 598
Ion Ratio Lower Upper
164 100
166 86.6 98.2 147.4#
129 56.3 80.8 121.2#
131 70.5 75.5 113.3#

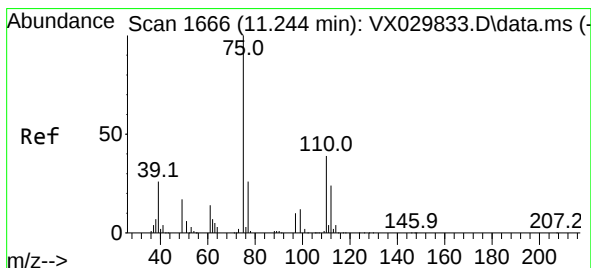
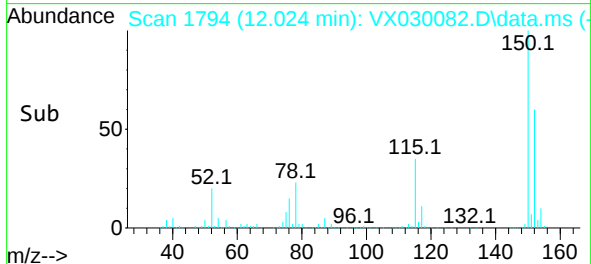
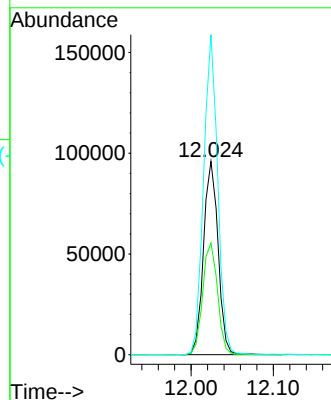
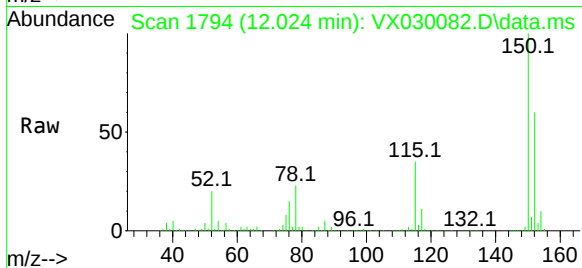




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

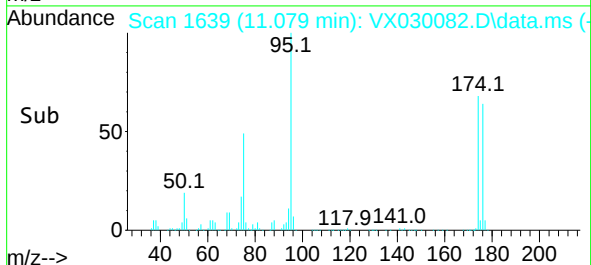
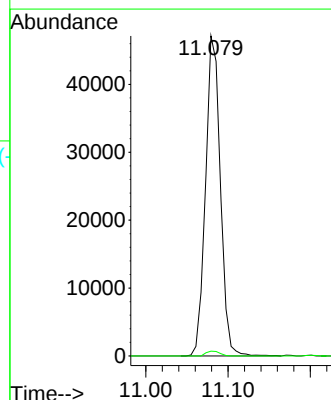
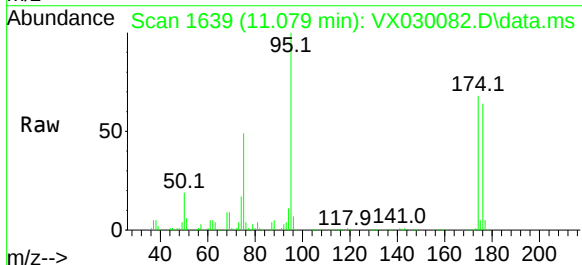
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBL01

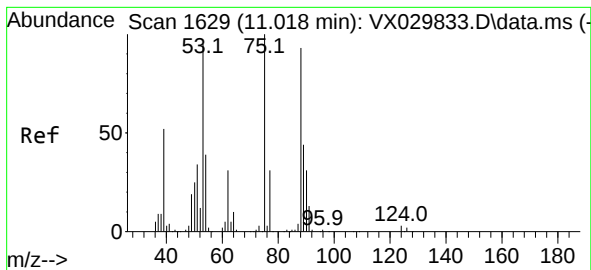
Tgt Ion:152 Resp: 117979
Ion Ratio Lower Upper
152 100
115 58.9 40.5 121.5
150 160.6 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030082.D
Acq: 15 Jul 2022 10:53

Tgt Ion: 75 Resp: 59014
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.786 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030082.D
 Acq: 15 Jul 2022 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBL01

Tgt Ion: 75 Resp: 59014
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

