

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028642.D
 Acq On : 12 May 2022 16:44
 Operator : JC/MD
 Sample : VX0512WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

Quant Time: May 13 02:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

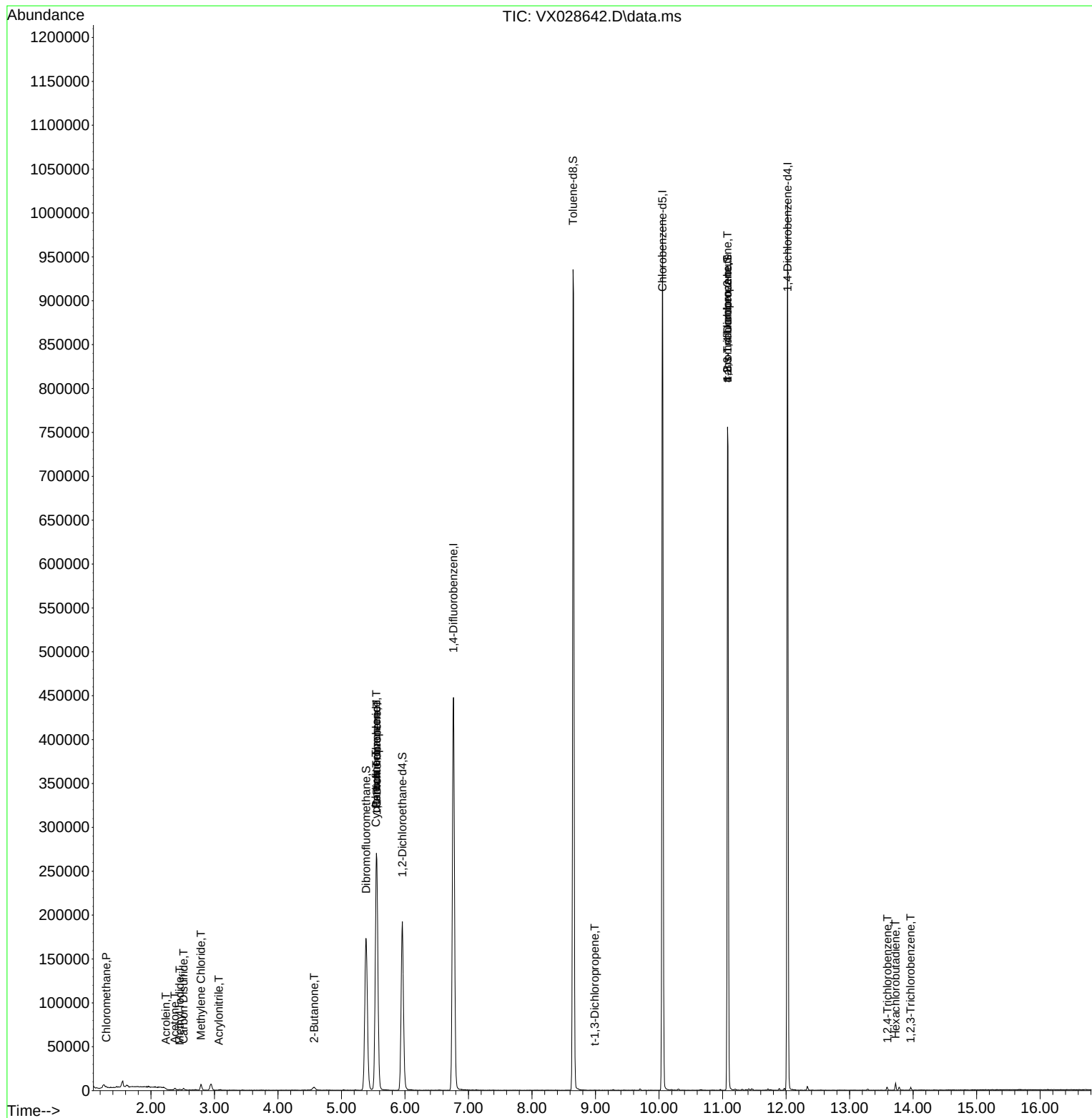
Internal Standards						
1) Pentafluorobenzene	5.549	168	247149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176281	52.033	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.060%	
35) Dibromofluoromethane	5.385	113	150875	50.444	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.880%	
50) Toluene-d8	8.646	98	548418	48.635	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	200703	47.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	718	0.236	ug/l #	88
5) Bromomethane	1.617	94	1189	Below Cal		89
6) Chloroethane	1.654	64	268	Below Cal	#	43
10) Methyl Iodide	2.452	142	958	0.290	ug/l #	93
11) Tert butyl alcohol	2.946	59	3996	Below Cal	#	72
13) Acrolein	2.233	56	180	0.324	ug/l #	75
15) Acrylonitrile	3.068	53	403	0.247	ug/l #	65
16) Acetone	2.373	43	1893	1.302	ug/l	90
17) Carbon Disulfide	2.513	76	1981	0.299	ug/l #	87
20) Methylene Chloride	2.788	84	2878	0.943	ug/l #	87
25) 2-Butanone	4.568	43	463	0.203	ug/l #	44
31) Cyclohexane	5.543	56	5868	1.248	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	21581	4.804	ug/l #	49
38) Carbon Tetrachloride	5.549	117	26858	5.941	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	120	1.663	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	107040	23.767	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107040	69.285	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.597	180	928	0.242	ug/l	93
94) Hexachlorobutadiene	13.725	225	943	0.604	ug/l	93
96) 1,2,3-Trichlorobenzene	13.963	180	852	0.221	ug/l	96

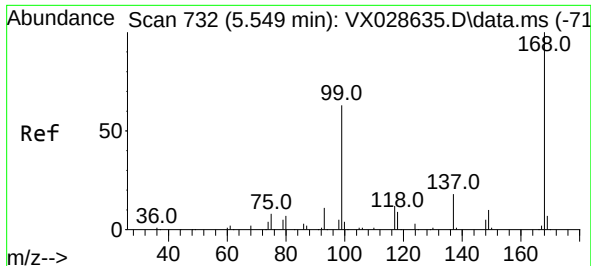
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

Quant Time: May 13 02:47:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX028642.D

Acq: 12 May 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

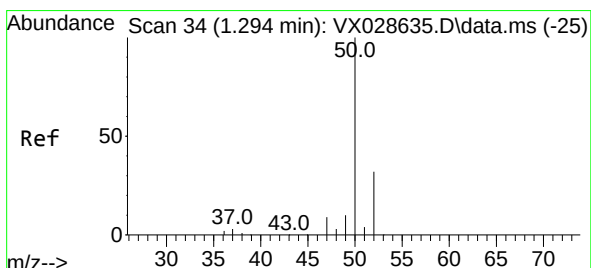
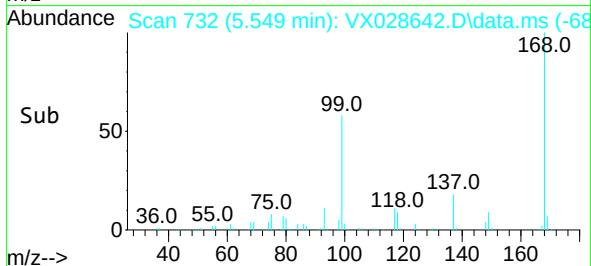
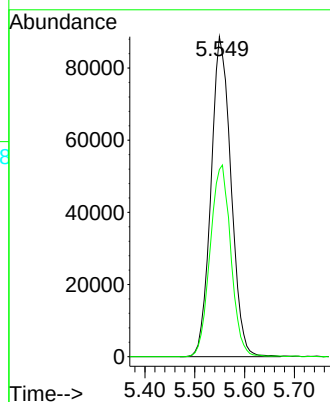
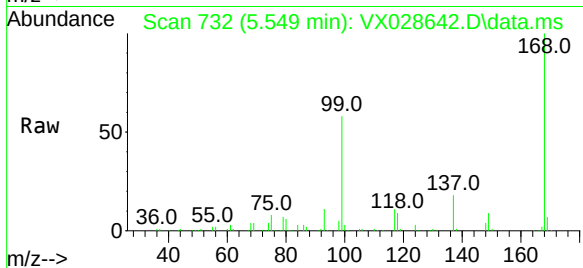
VX0512WBL01

Tgt Ion:168 Resp: 247149

Ion Ratio Lower Upper

168 100

99 58.5 41.7 62.5



#3

Chloromethane

Concen: 0.236 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX028642.D

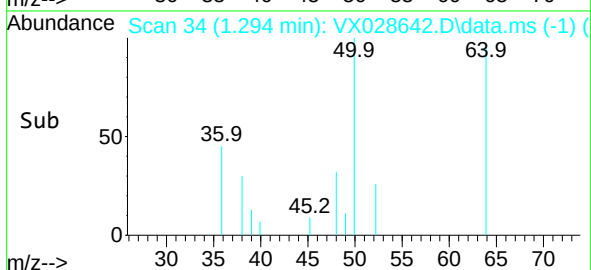
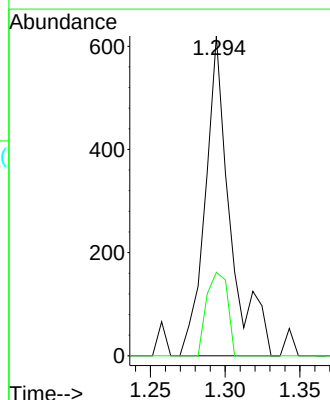
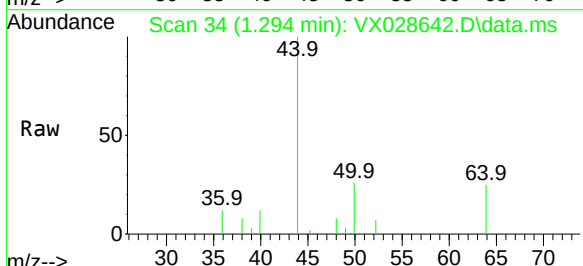
Acq: 12 May 2022 16:44

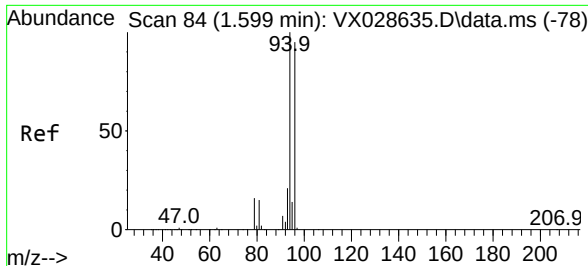
Tgt Ion: 50 Resp: 718

Ion Ratio Lower Upper

50 100

52 26.1 26.4 39.6#

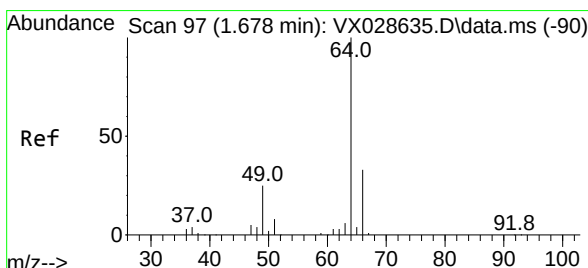
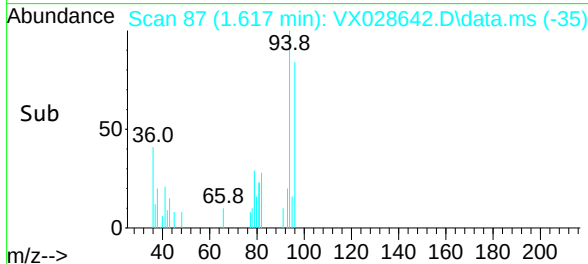
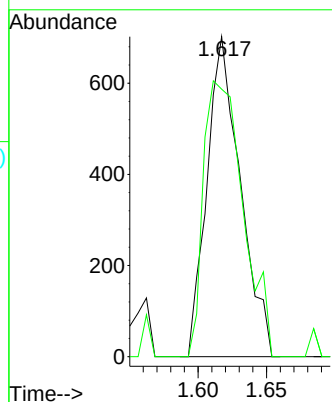
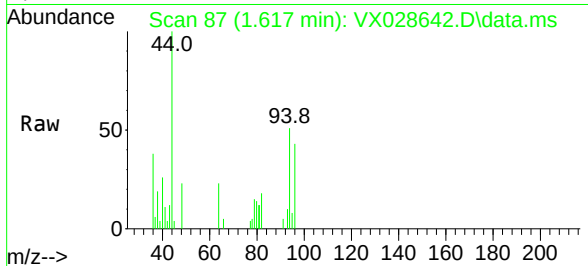




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

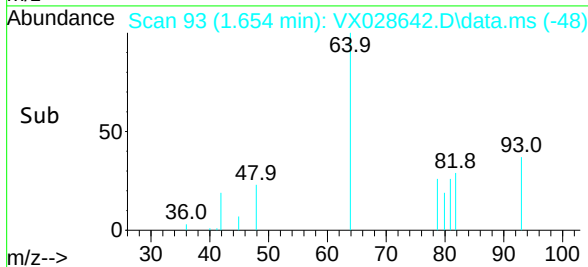
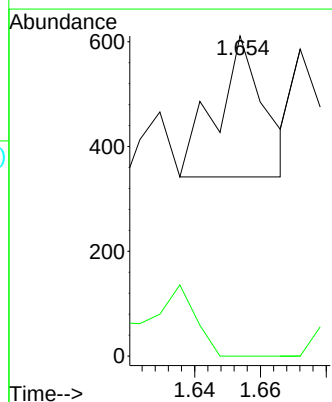
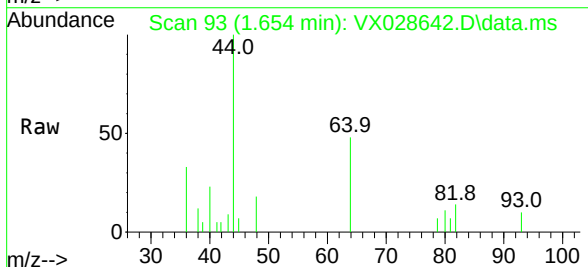
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

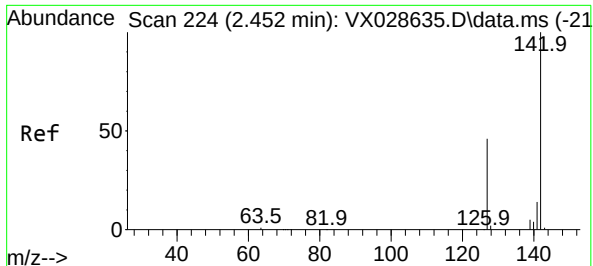
Tgt Ion: 94 Resp: 1189
Ion Ratio Lower Upper
94 100
96 83.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

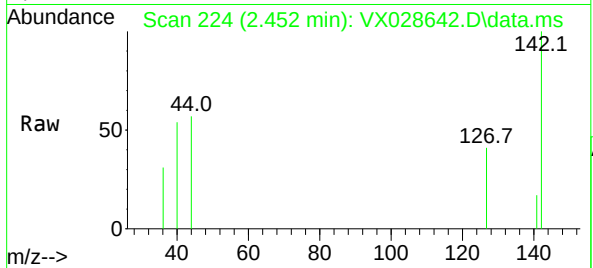
Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



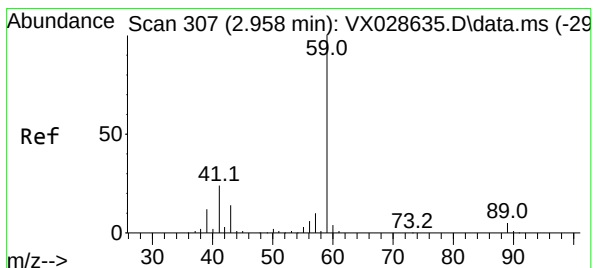
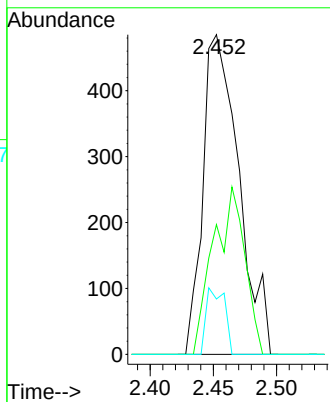
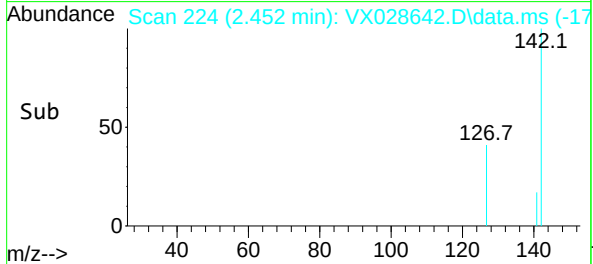


#10
Methyl Iodide
Concen: 0.290 ug/l
RT: 2.452 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

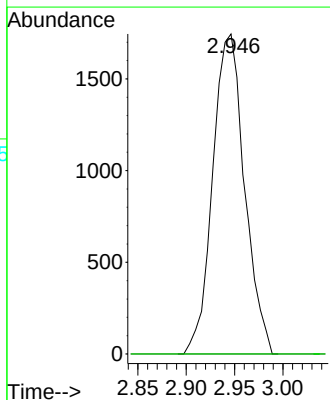
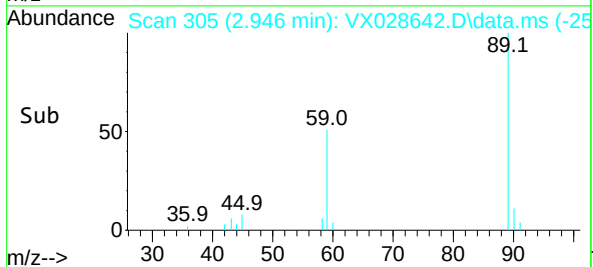
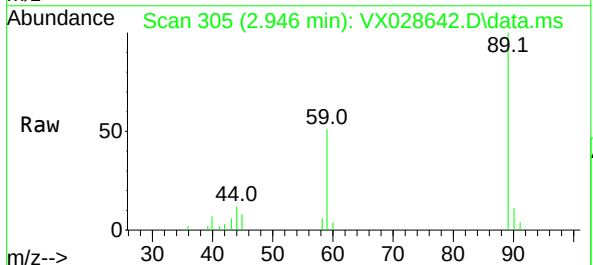


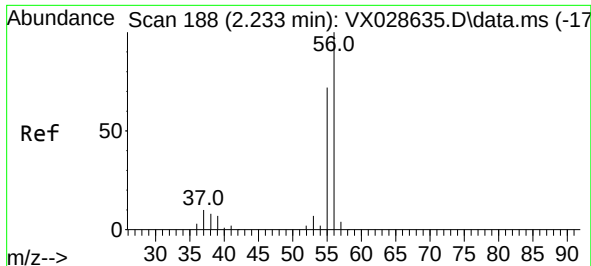
Tgt Ion:142 Resp: 958
Ion Ratio Lower Upper
142 100
127 46.0 33.9 50.9
141 10.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 59 Resp: 3996
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

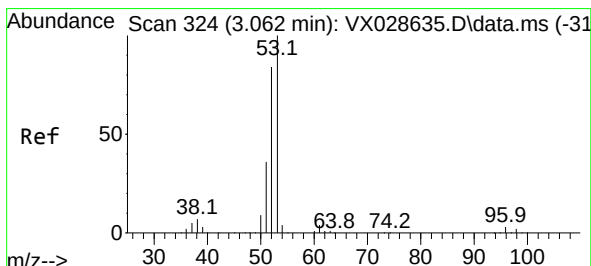
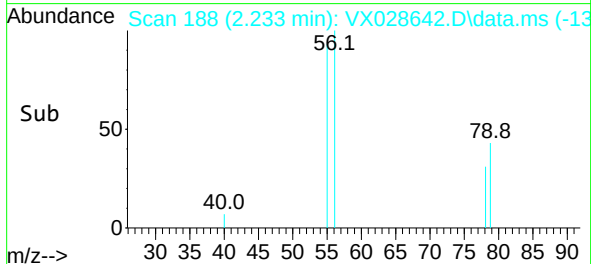
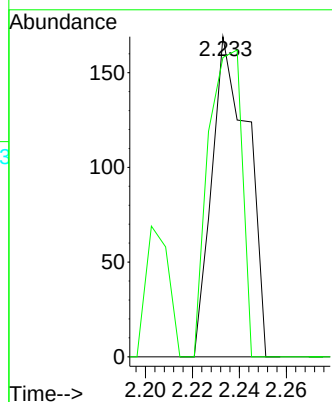
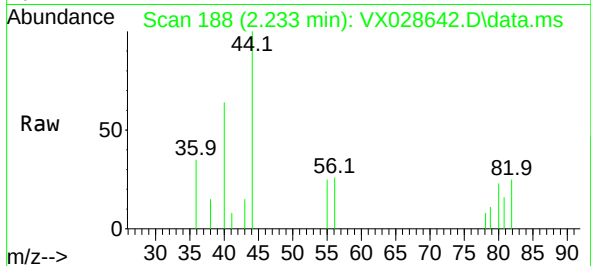




#13
Acrolein
Concen: 0.324 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

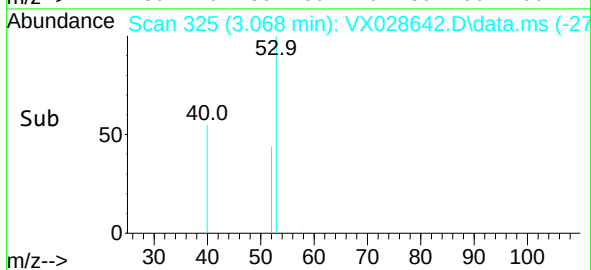
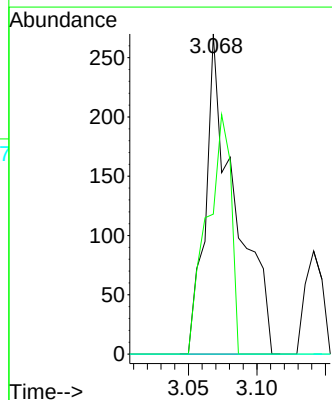
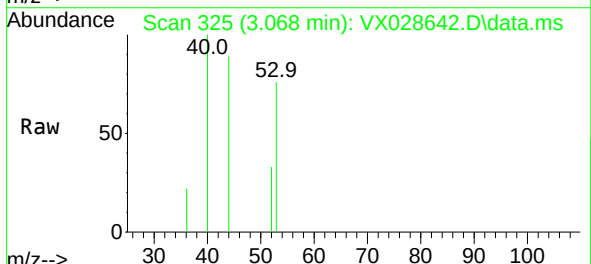
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

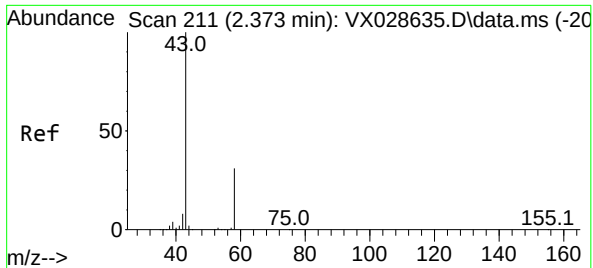
Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 89.4 55.0 82.6#



#15
Acrylonitrile
Concen: 0.247 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 53 Resp: 403
Ion Ratio Lower Upper
53 100
52 60.5 65.7 98.5#
51 0.0 28.4 42.6#

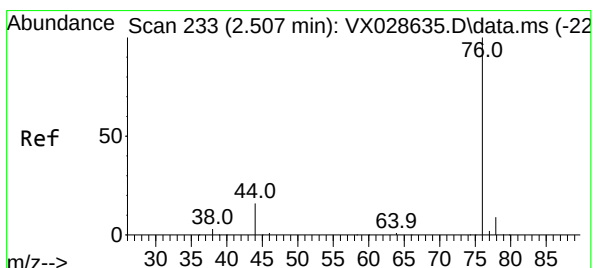
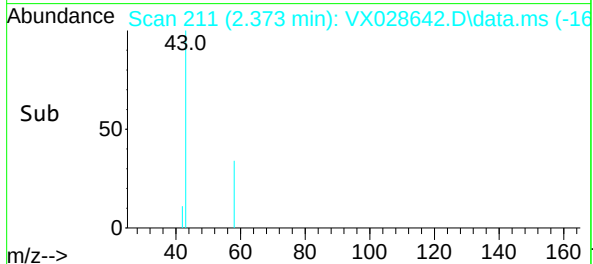
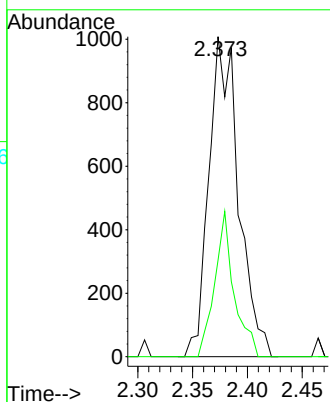
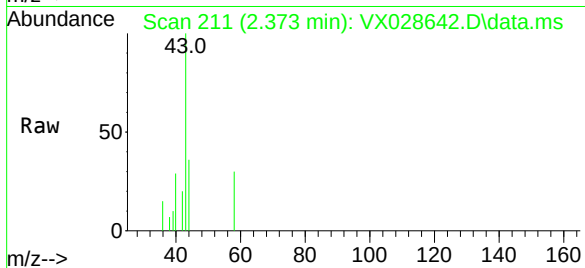




#16
Acetone
Concen: 1.302 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

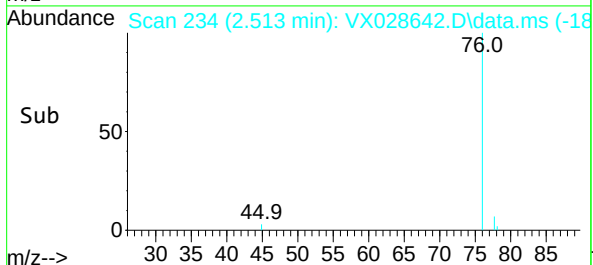
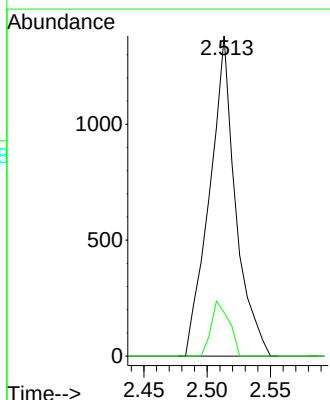
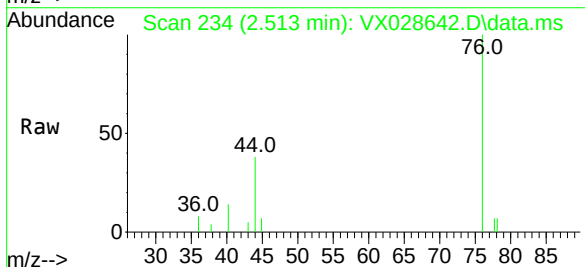
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

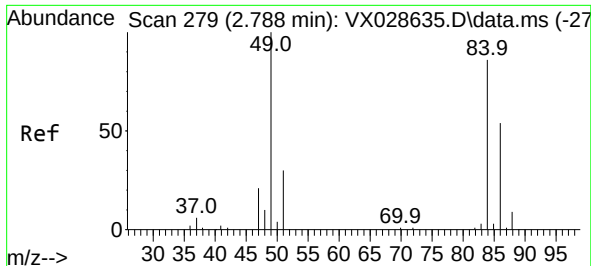
Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 76 Resp: 1981
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#





#20

Methylene Chloride

Concen: 0.943 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028642.D

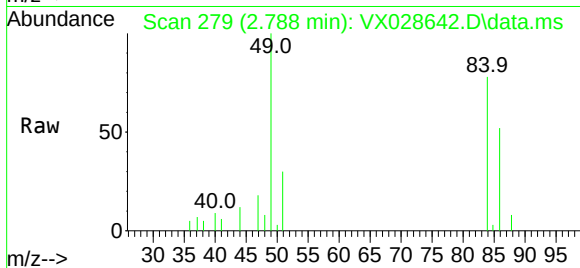
Acq: 12 May 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01



Tgt Ion: 84 Resp: 2878

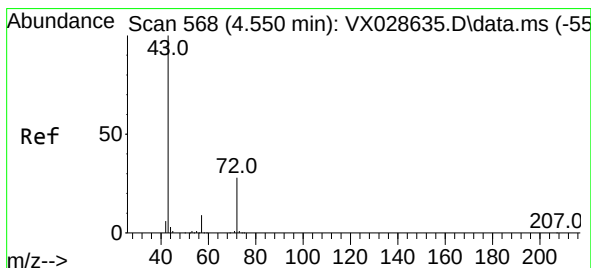
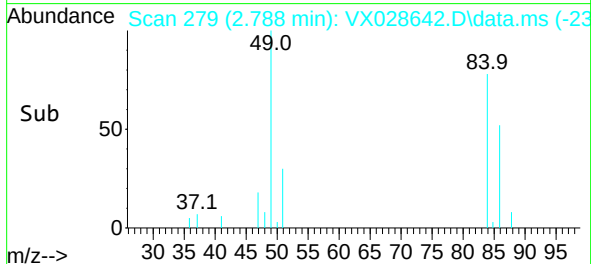
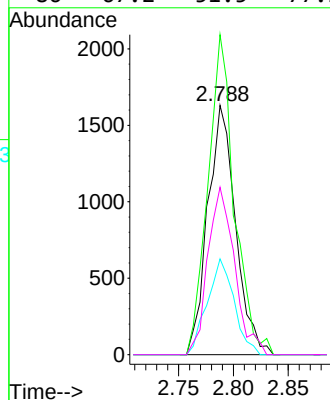
Ion Ratio Lower Upper

84 100

49 128.4 85.5 128.3#

51 38.5 26.6 39.8

86 67.2 51.5 77.3



#25

2-Butanone

Concen: 0.203 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX028642.D

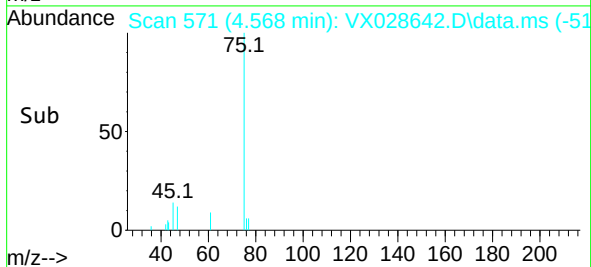
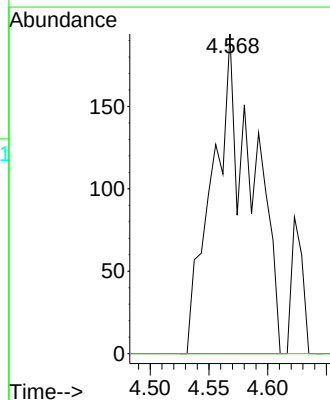
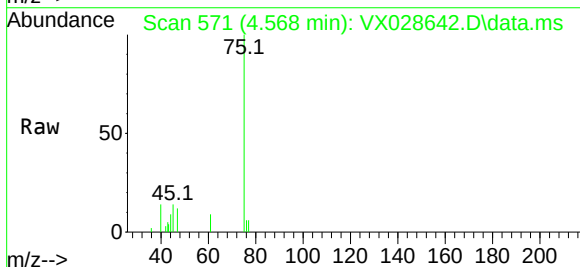
Acq: 12 May 2022 16:44

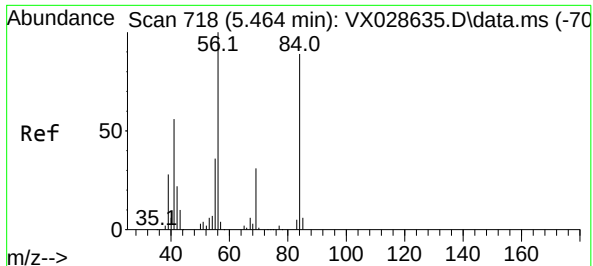
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

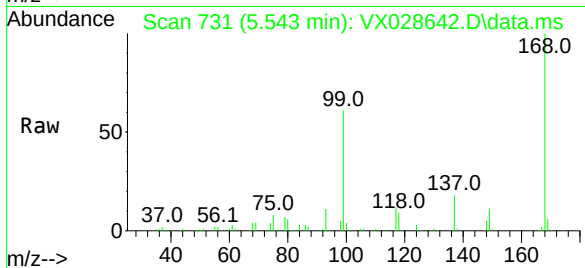
72 0.0 24.4 36.6#



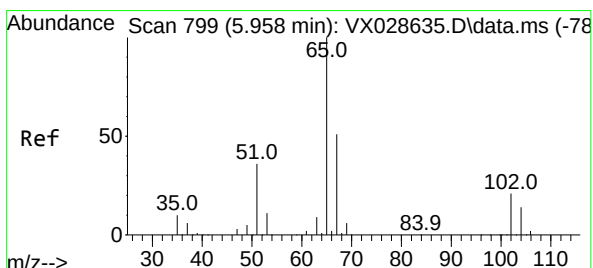
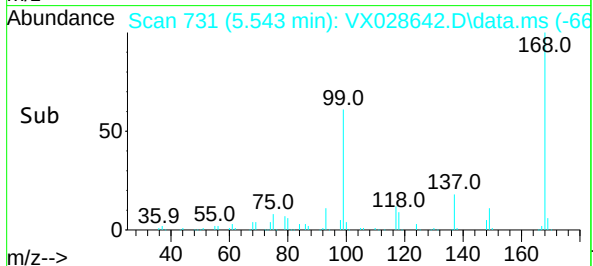
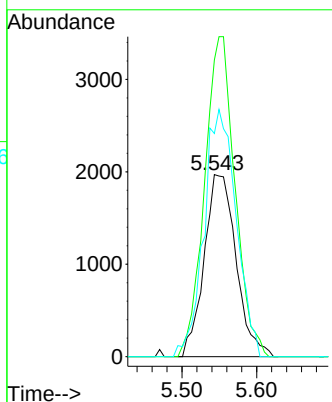


#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

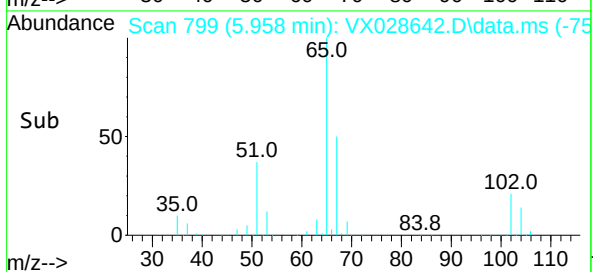
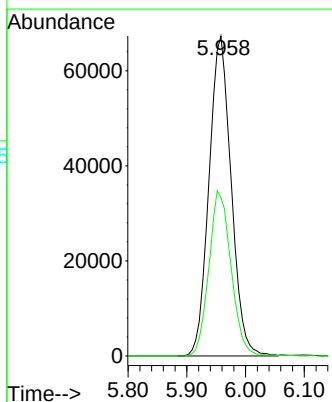
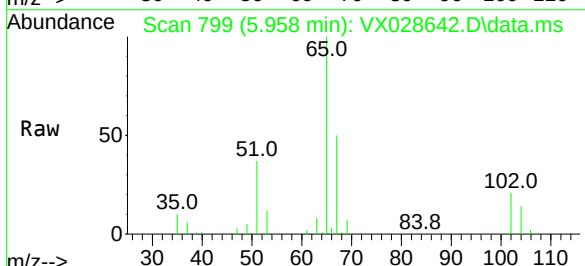


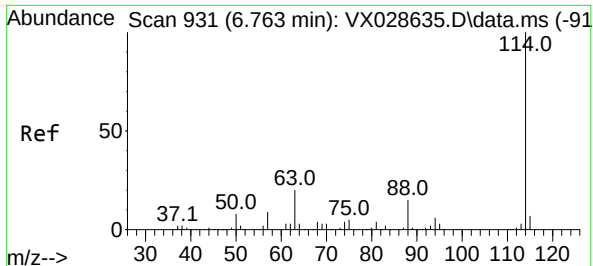
Tgt Ion: 56 Resp: 5868
Ion Ratio Lower Upper
56 100
69 162.9 26.7 40.1#
84 122.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.033 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 65 Resp: 176281
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

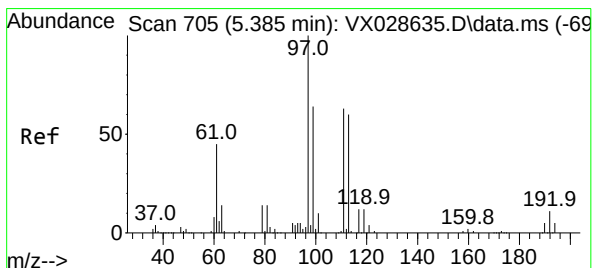
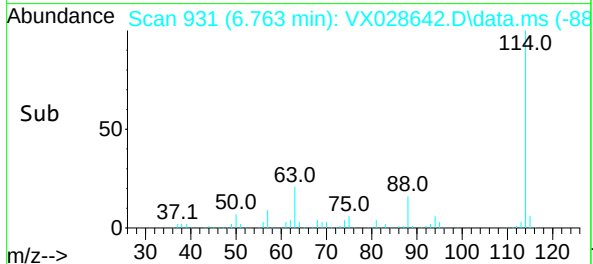
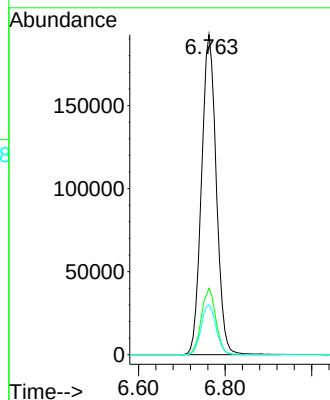
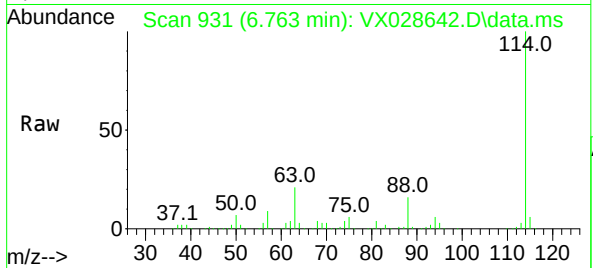




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

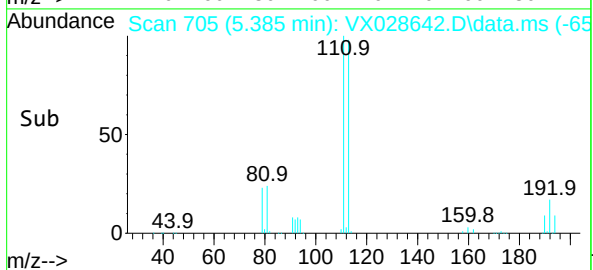
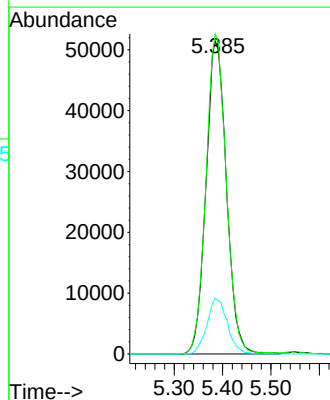
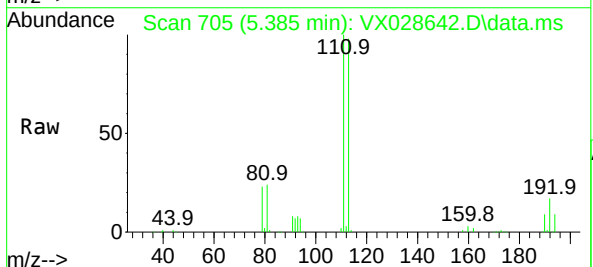
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

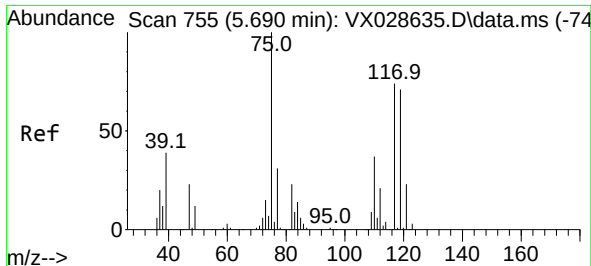
Tgt Ion:114 Resp: 456499
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion:113 Resp: 150875
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 17.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.804 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028642.D

Acq: 12 May 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

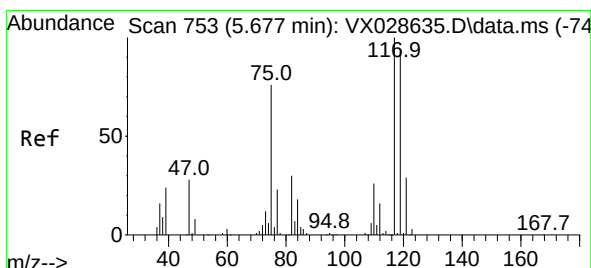
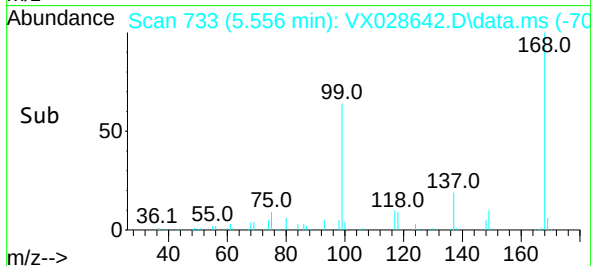
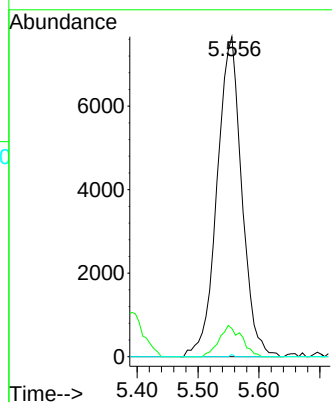
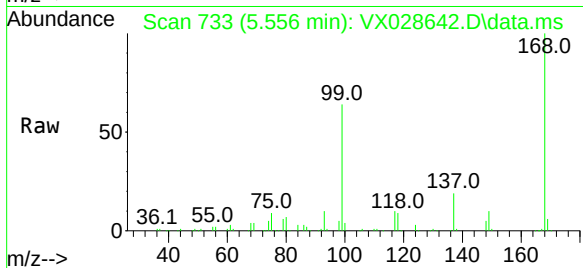
Tgt Ion: 75 Resp: 21581

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.941 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX028642.D

Acq: 12 May 2022 16:44

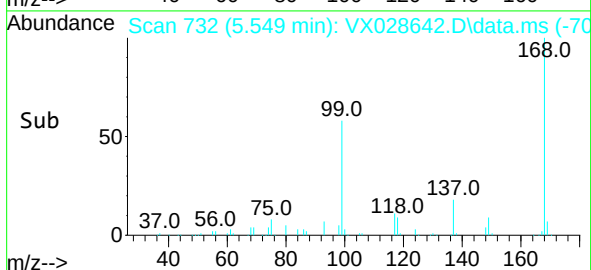
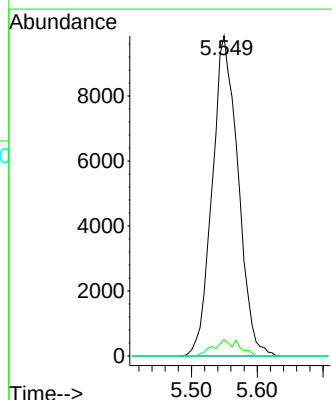
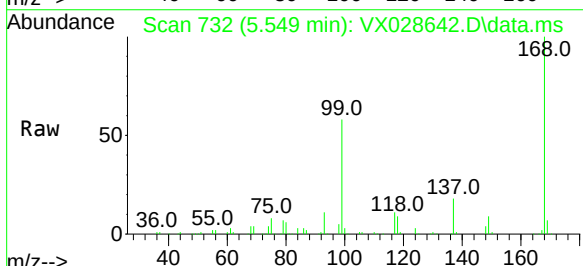
Tgt Ion: 117 Resp: 26858

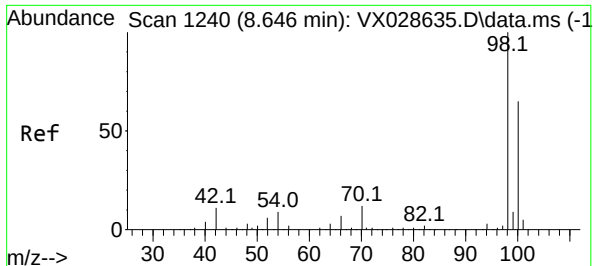
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 24.2 36.2#

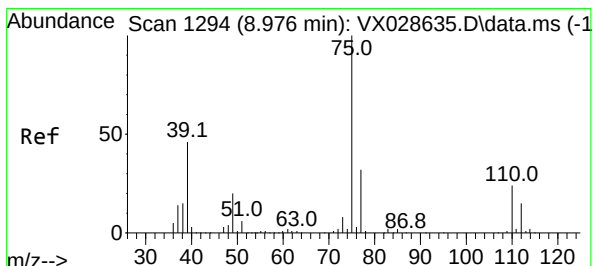
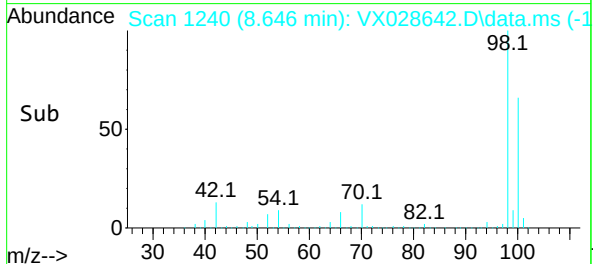
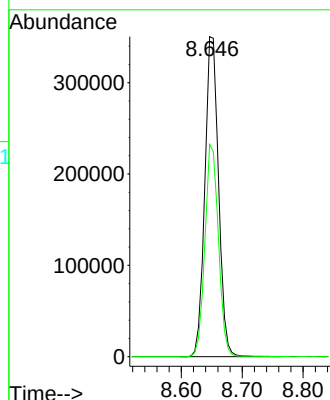
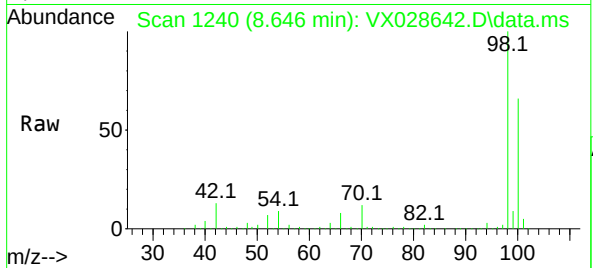




#50
Toluene-d8
Concen: 48.635 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

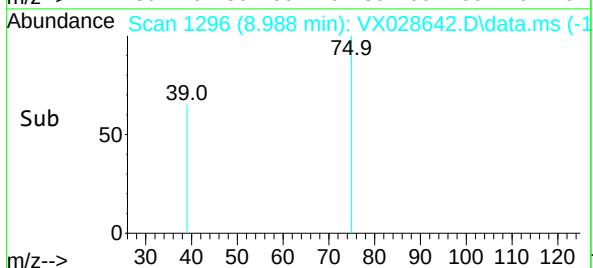
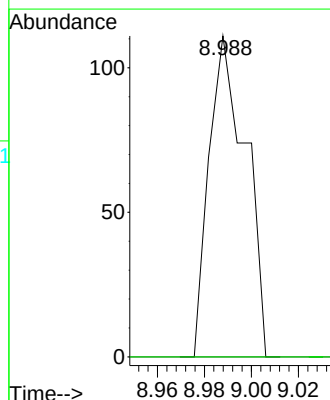
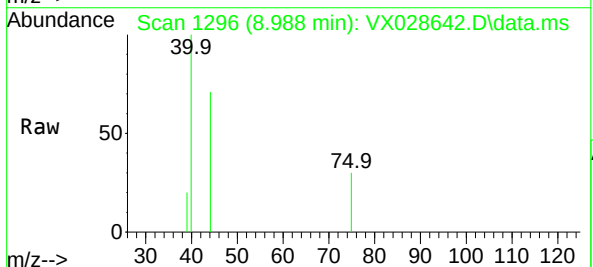
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

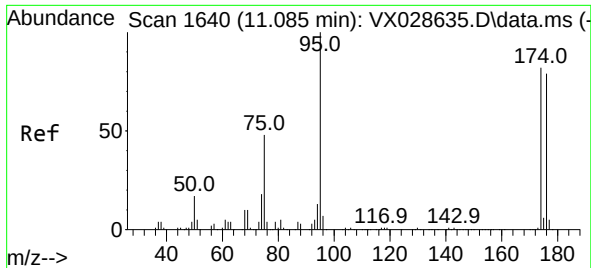
Tgt Ion: 98 Resp: 548418
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.663 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 75 Resp: 120
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

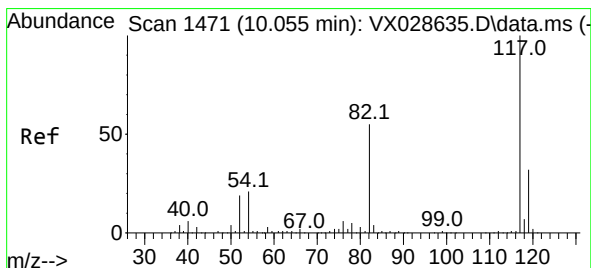
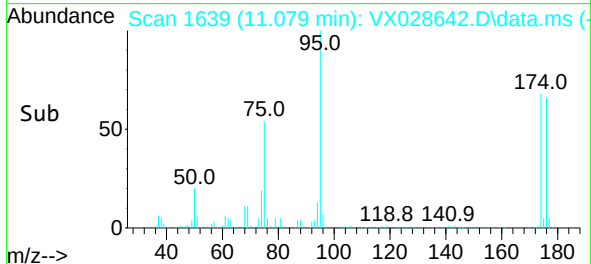
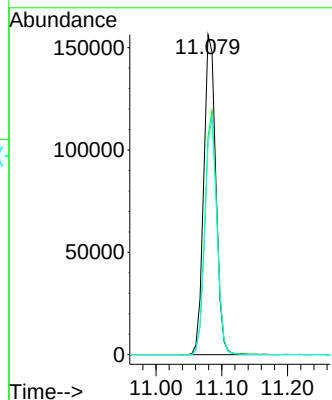
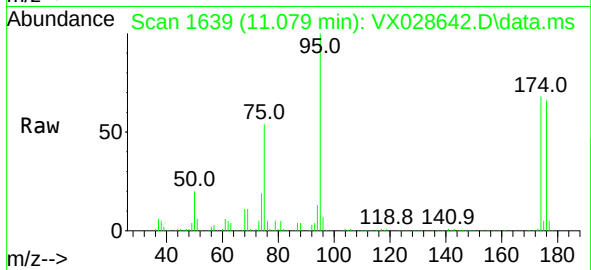




#62
4-Bromofluorobenzene
Concen: 47.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

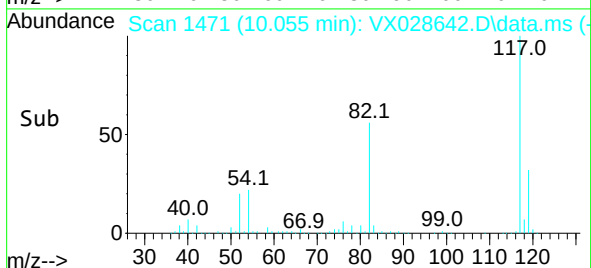
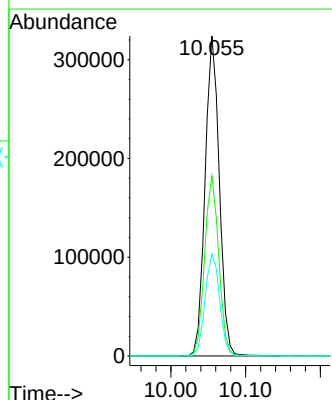
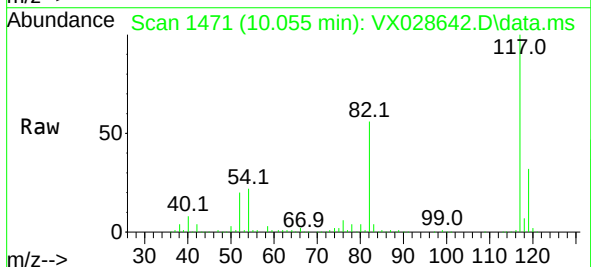
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

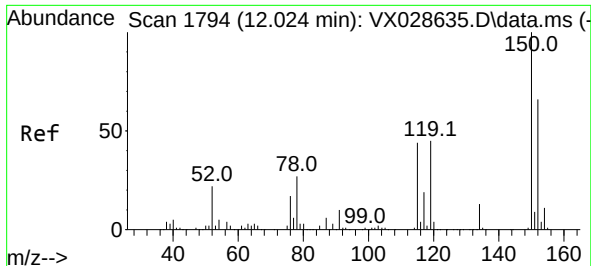
Tgt Ion: 95 Resp: 200703
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 117 Resp: 428206
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.9 24.8 37.2

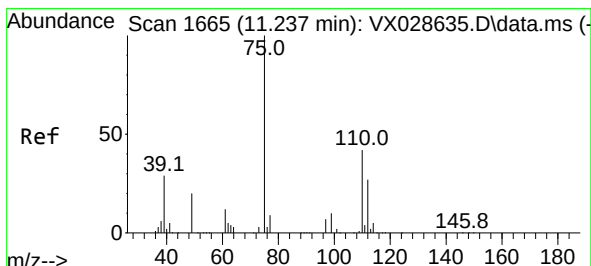
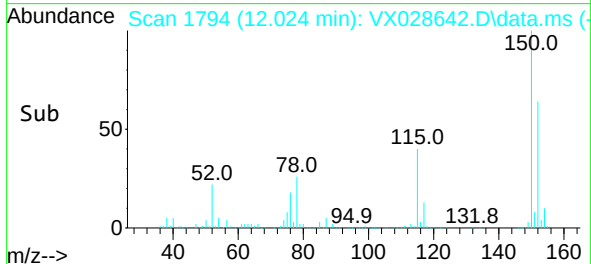
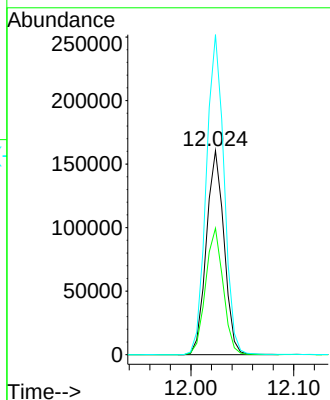
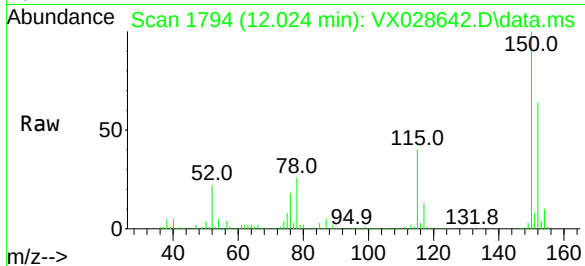




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028642.D
 Acq: 12 May 2022 16:44

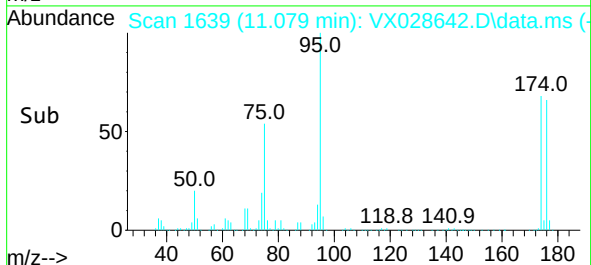
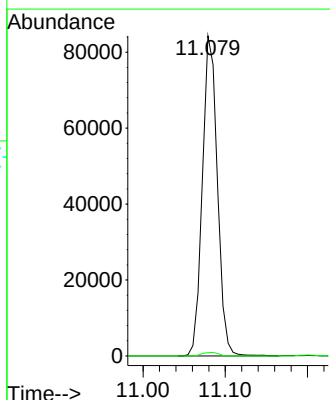
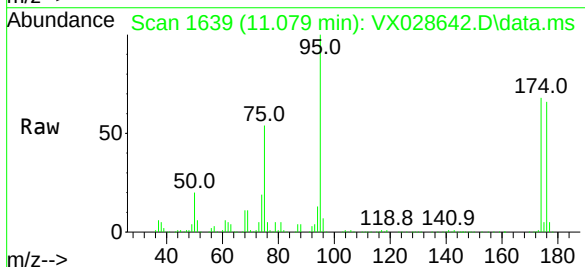
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

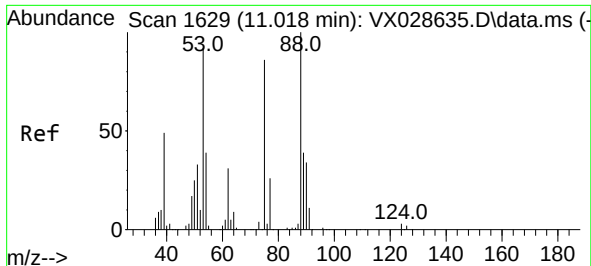
Tgt Ion:152 Resp: 192308
 Ion Ratio Lower Upper
 152 100
 115 61.5 37.5 112.7
 150 157.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.767 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028642.D
 Acq: 12 May 2022 16:44

Tgt Ion: 75 Resp: 107040
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

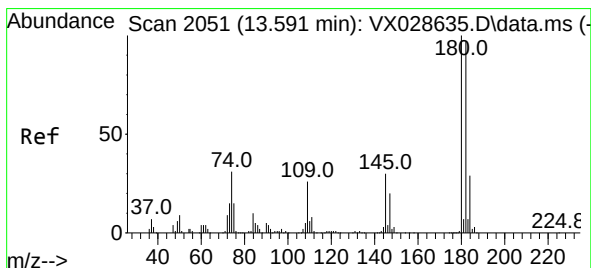
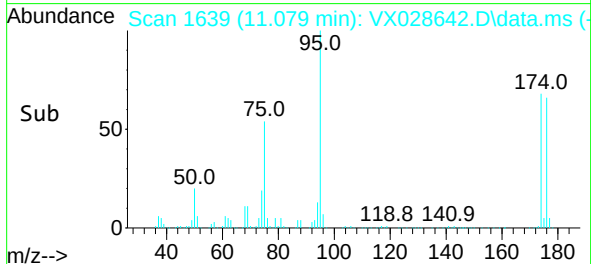
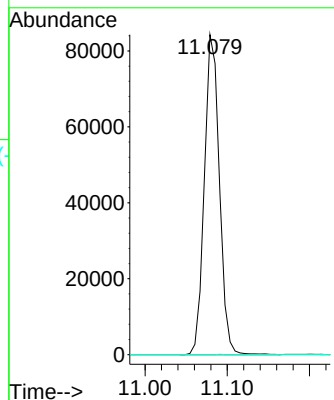
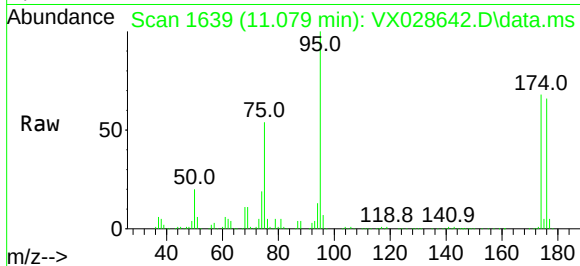




#81
trans-1,4-Dichloro-2-butene
Concen: 69.285 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

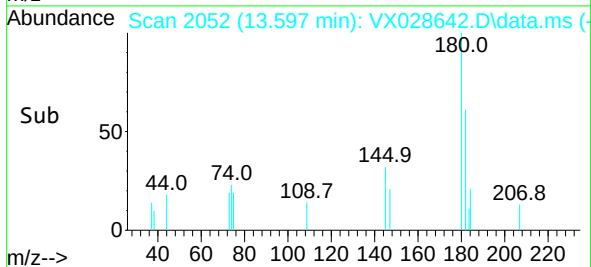
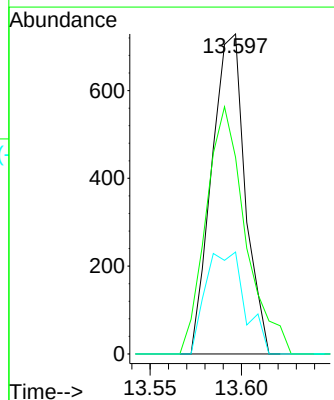
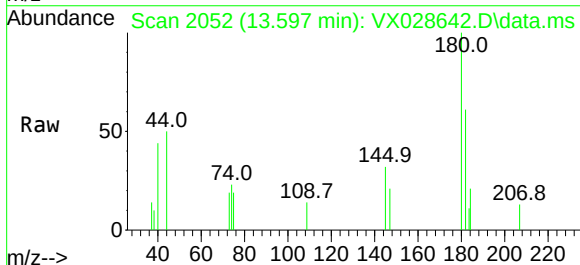
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

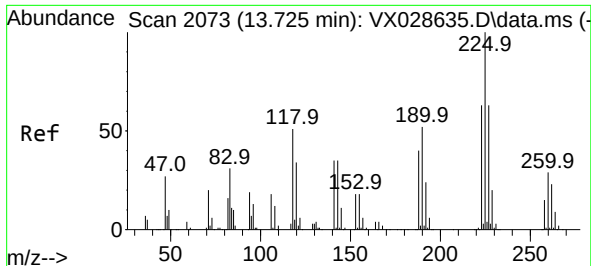
Tgt Ion: 75 Resp: 107040
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.242 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion: 180 Resp: 928
Ion Ratio Lower Upper
180 100
182 91.1 47.7 143.1
145 37.7 15.2 45.5

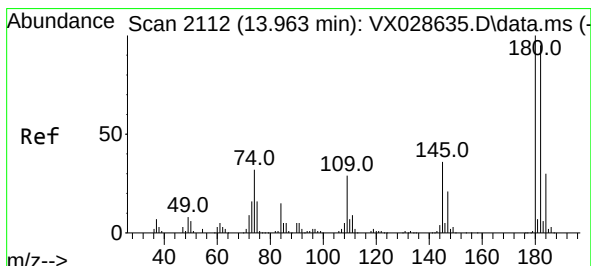
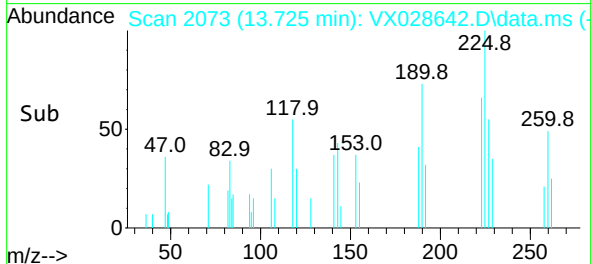
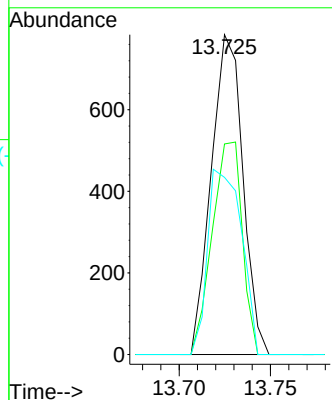
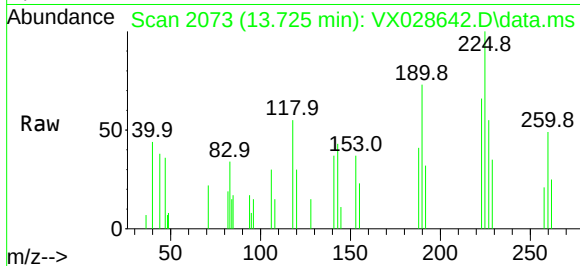




#94
Hexachlorobutadiene
Concen: 0.604 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

Tgt Ion:225 Resp: 943
Ion Ratio Lower Upper
225 100
223 63.0 34.2 102.5
227 62.0 33.9 101.7



#96
1,2,3-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028642.D
Acq: 12 May 2022 16:44

Tgt Ion:180 Resp: 852
Ion Ratio Lower Upper
180 100
182 98.4 50.0 149.8
145 26.8 16.2 48.5

