

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028888.D
 Acq On : 23 May 2022 12:44
 Operator : JC/MD
 Sample : VX0523MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBL01

Quant Time: May 23 15:31:37 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)

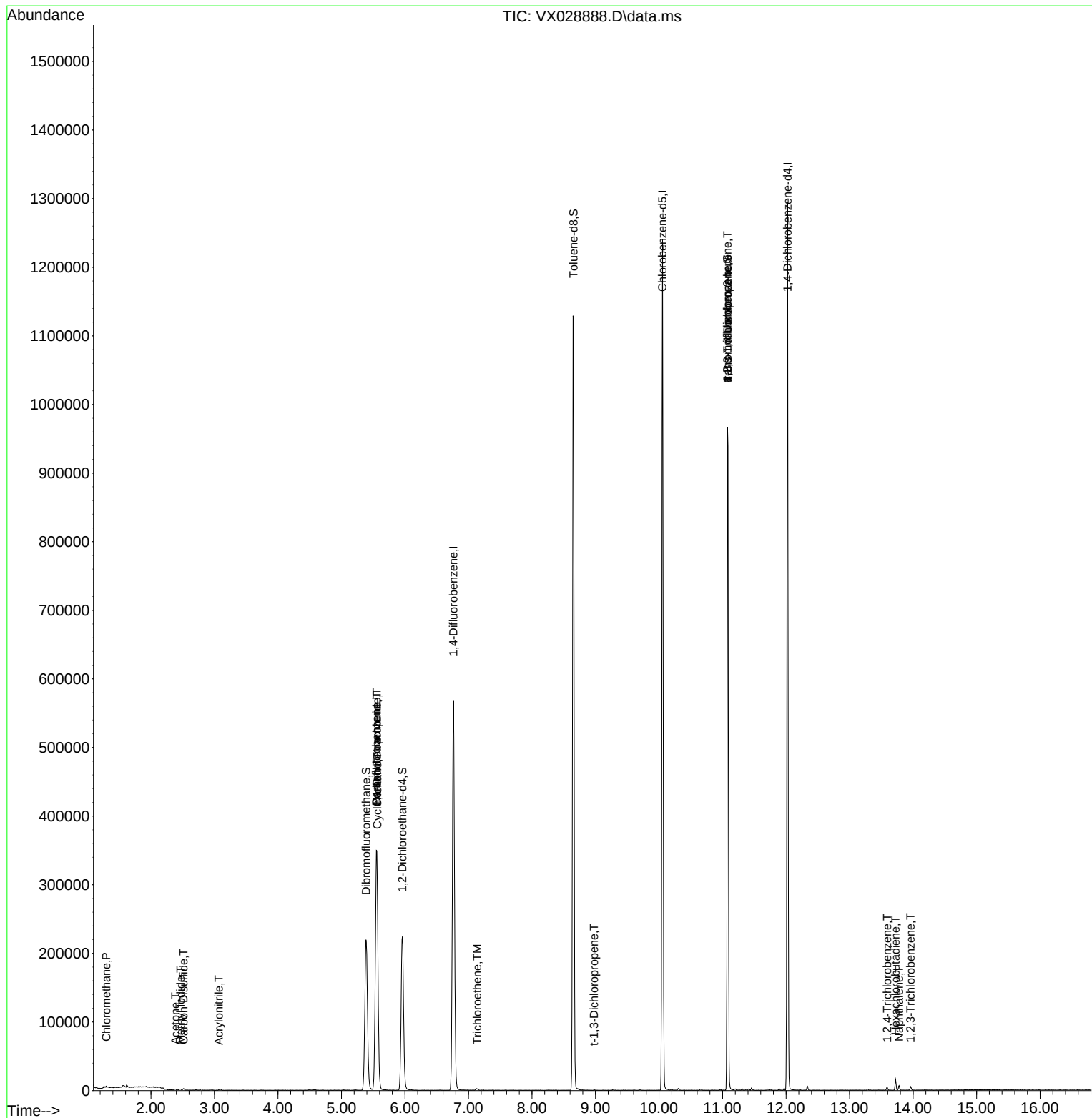
Internal Standards						
1) Pentafluorobenzene	5.550	168	328464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	576771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	545835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	228956	50.851	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.700%			
35) Dibromofluoromethane	5.385	113	192811	51.023	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.040%			
50) Toluene-d8	8.653	98	687768	48.274	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.540%			
62) 4-Bromofluorobenzene	11.079	95	270024	50.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.480%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	819	0.202	ug/l	92
5) Bromomethane	1.617	94	1870	Below Cal		93
6) Chloroethane	1.678	64	290	Below Cal #		43
10) Methyl Iodide	2.465	142	1813	0.414	ug/l	95
11) Tert butyl alcohol	2.946	59	735	Below Cal #		72
15) Acrylonitrile	3.068	53	560	0.258	ug/l #	80
16) Acetone	2.386	43	1444	0.747	ug/l	90
17) Carbon Disulfide	2.514	76	2768	0.314	ug/l #	94
31) Cyclohexane	5.562	56	7251	1.160	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	26127	4.603	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35512	6.217	ug/l #	16
44) Trichloroethene	7.135	130	1063	0.240	ug/l	80
53) t-1,3-Dichloropropene	8.976	75	296	1.685	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	138568	23.722	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	138568	69.160	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	1517	0.305	ug/l	92
94) Hexachlorobutadiene	13.725	225	2236	1.105	ug/l	87
95) Naphthalene	13.780	128	4558	0.257	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1626	0.325	ug/l	96

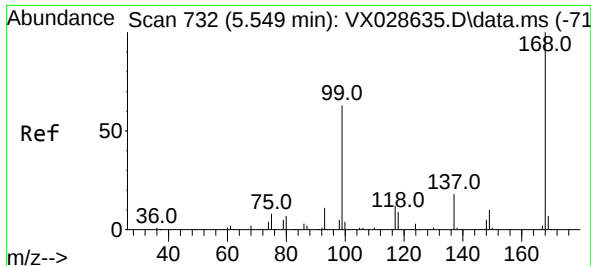
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

Quant Time: May 23 15:31:37 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

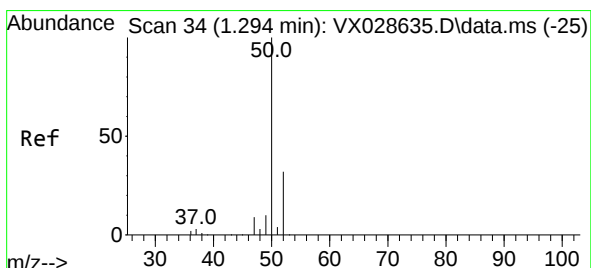
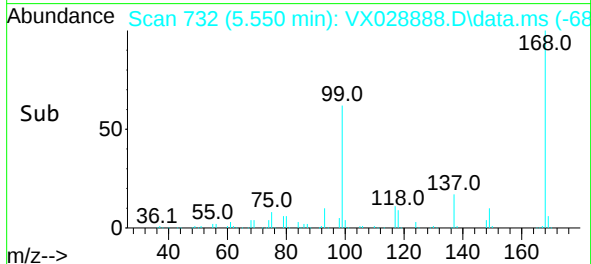
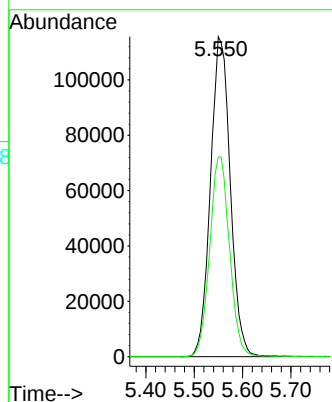
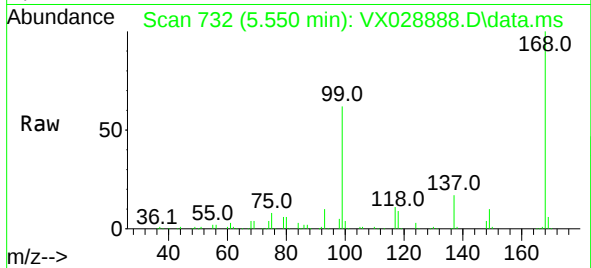




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

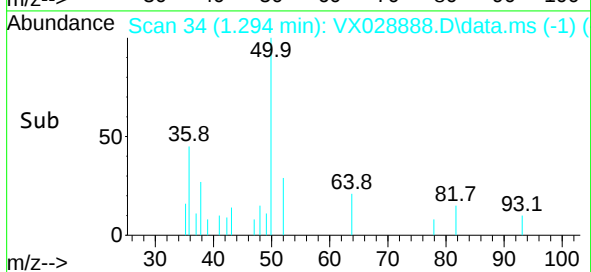
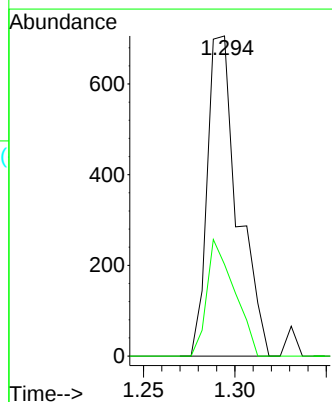
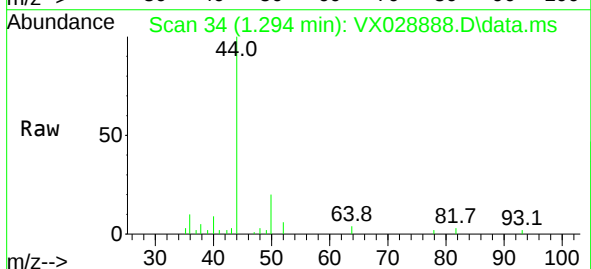
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

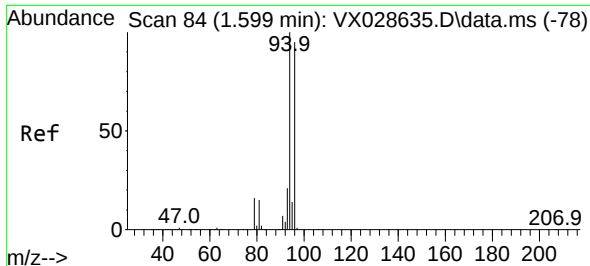
Tgt Ion:168 Resp: 328464
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 28.6 26.4 39.6

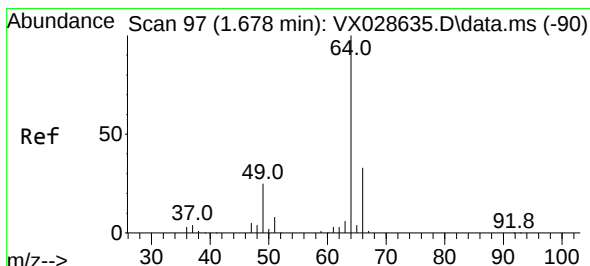
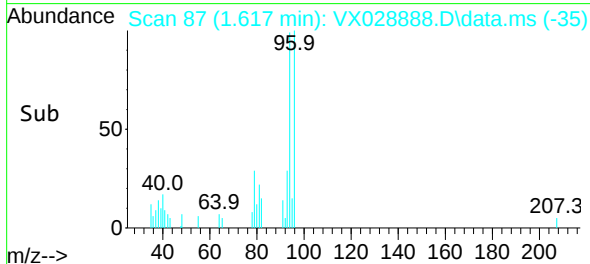
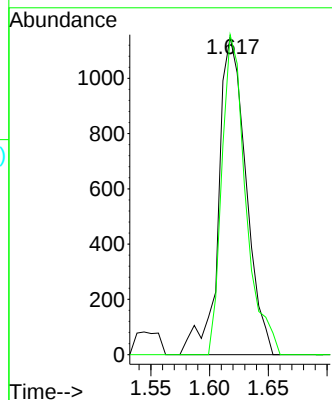
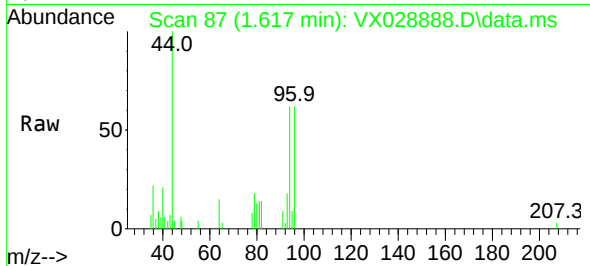




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

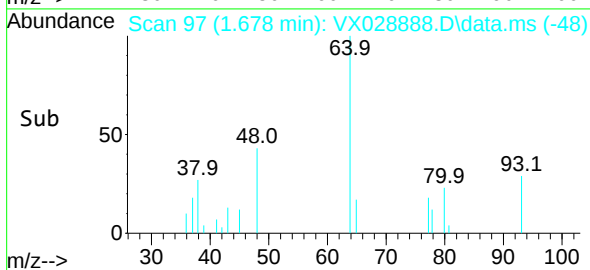
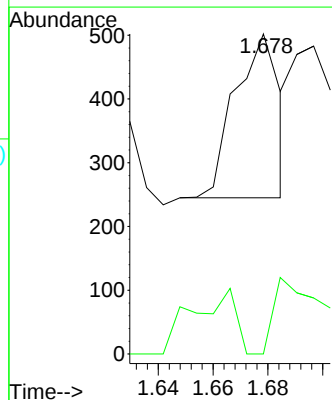
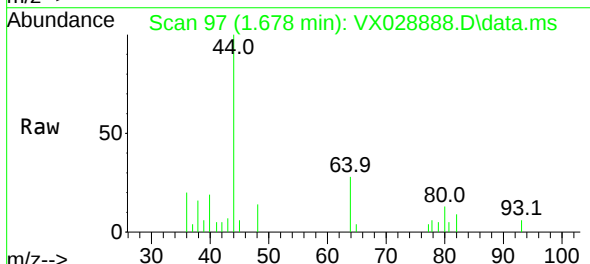
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

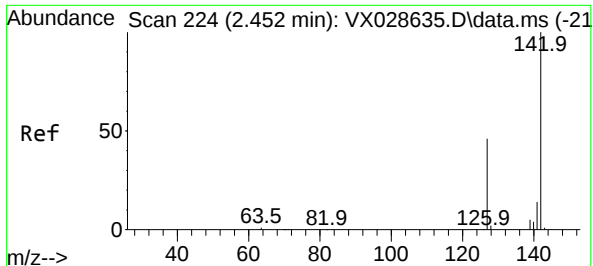
Tgt Ion: 94 Resp: 1870
Ion Ratio Lower Upper
94 100
96 100.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

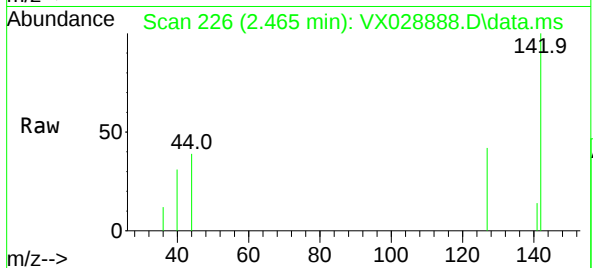
Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



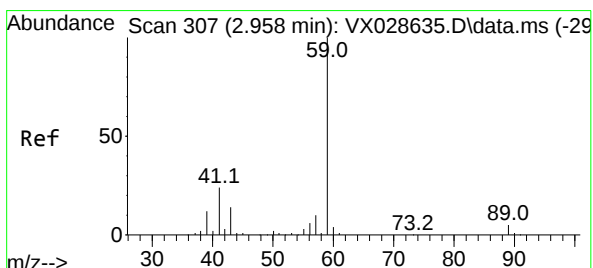
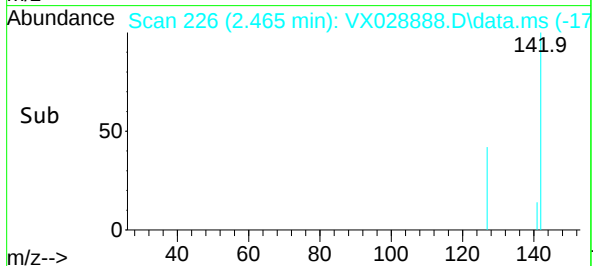
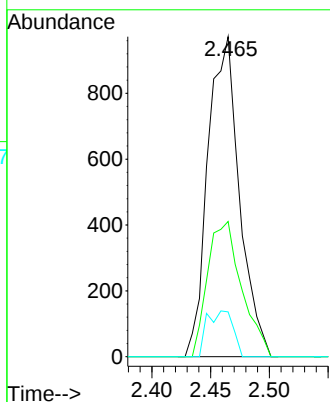


#10
Methyl Iodide
Concen: 0.414 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

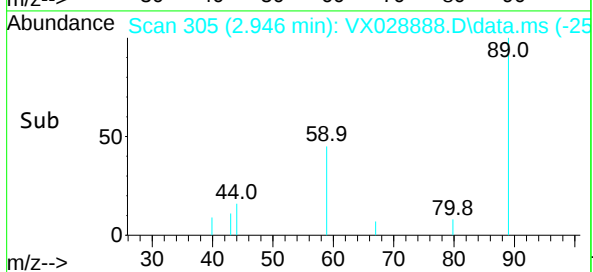
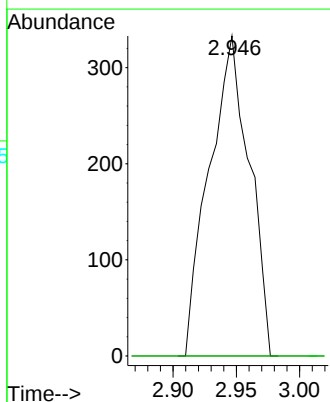
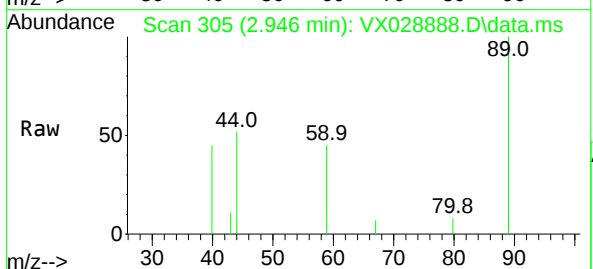


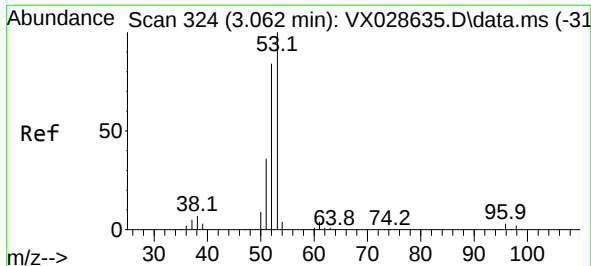
Tgt Ion:142 Resp: 1813
Ion Ratio Lower Upper
142 100
127 45.6 33.9 50.9
141 11.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 0.258 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028888.D

Acq: 23 May 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

VX0523MBL01

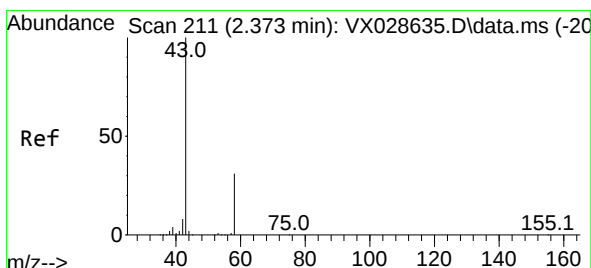
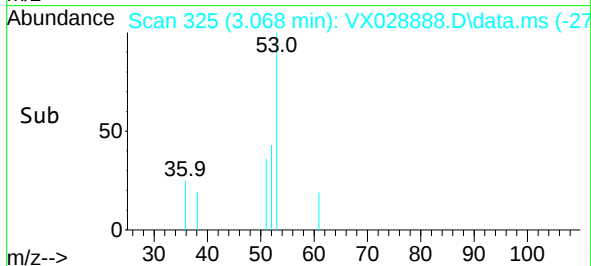
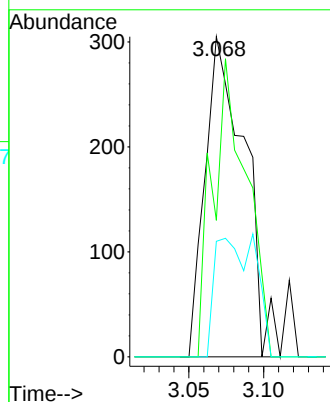
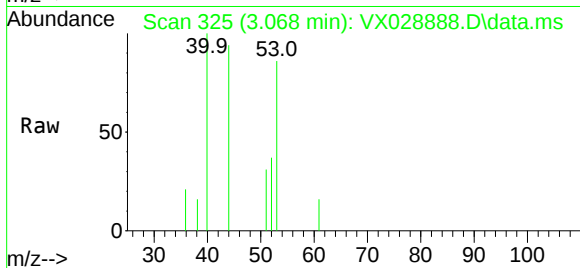
Tgt Ion: 53 Resp: 560

Ion Ratio Lower Upper

53 100

52 79.8 65.7 98.5

51 0.0 28.4 42.6#



#16

Acetone

Concen: 0.747 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.013 min

Lab File: VX028888.D

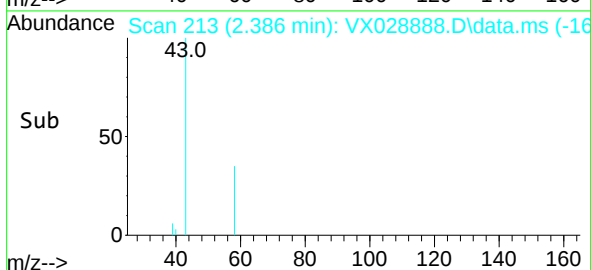
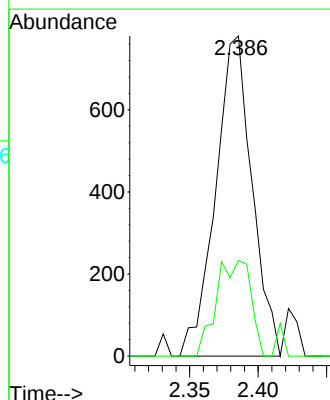
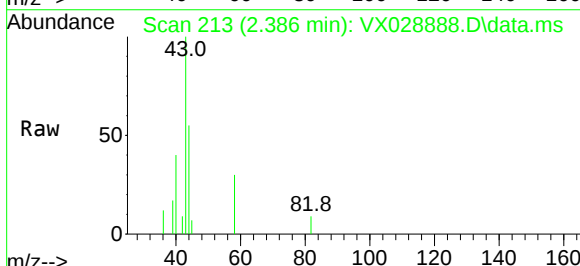
Acq: 23 May 2022 12:44

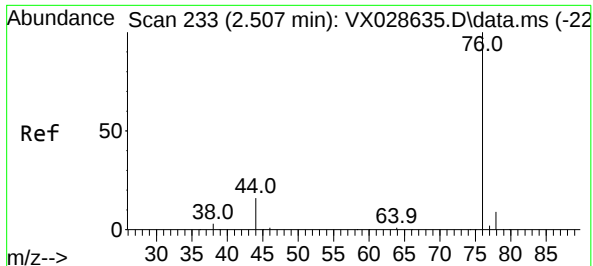
Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 29.9 28.8 43.2

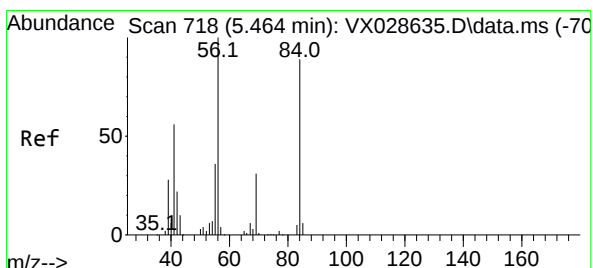
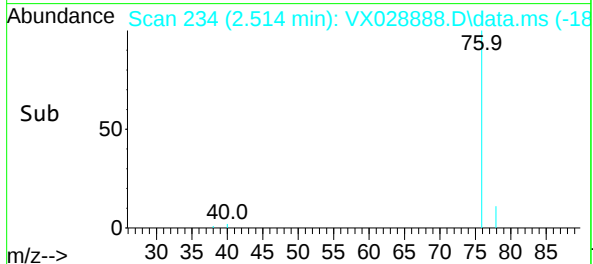
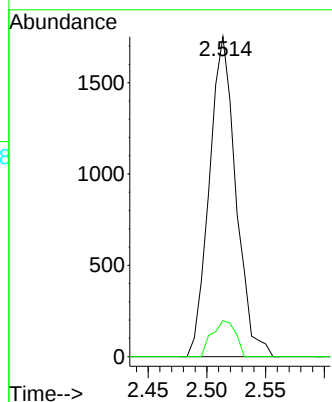
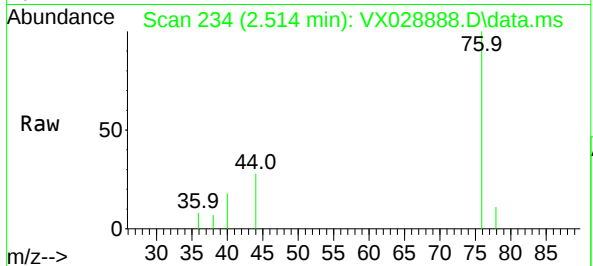




#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

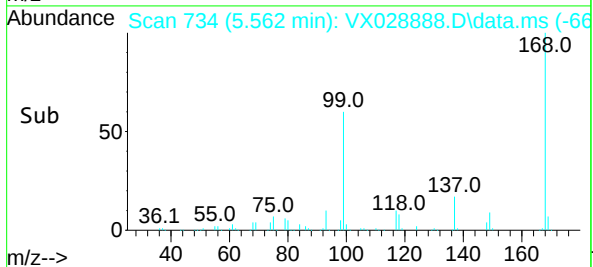
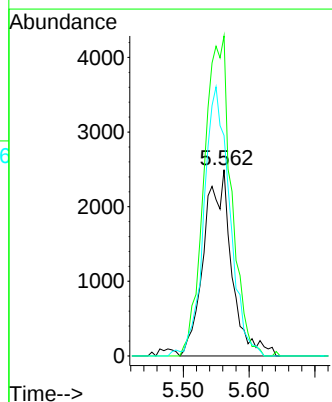
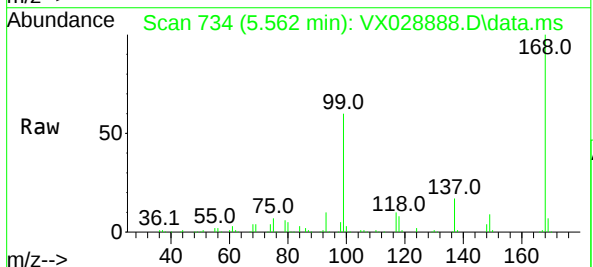
Instrument :
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ClientSampleId :
VX0523MBL01

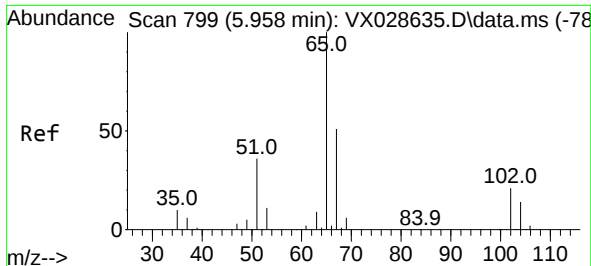
Tgt Ion: 76 Resp: 2768
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 56 Resp: 7251
Ion Ratio Lower Upper
56 100
69 171.9 26.7 40.1#
84 118.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.851 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028888.D

Acq: 23 May 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

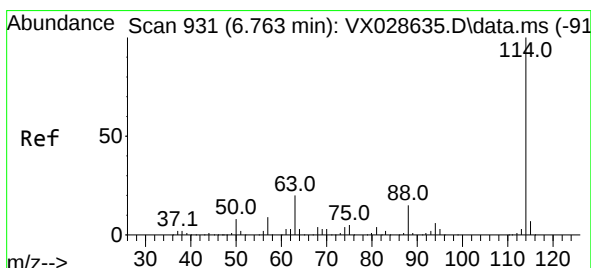
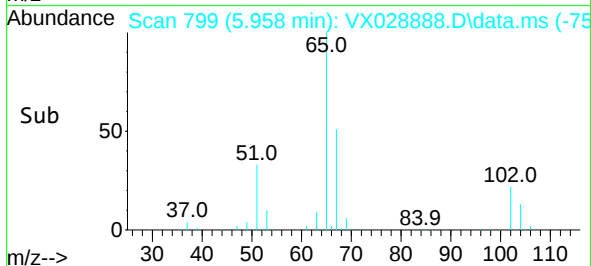
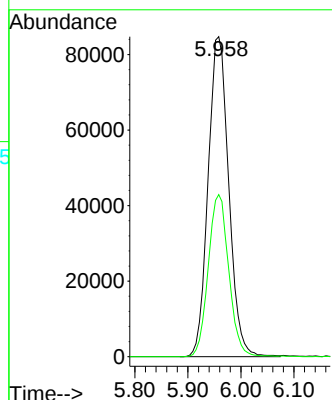
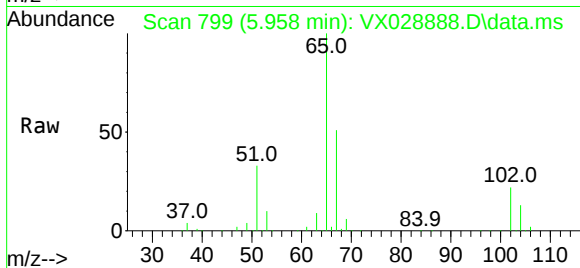
VX0523MBL01

Tgt Ion: 65 Resp: 228956

Ion Ratio Lower Upper

65 100

67 50.3 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: VX028888.D

Acq: 23 May 2022 12:44

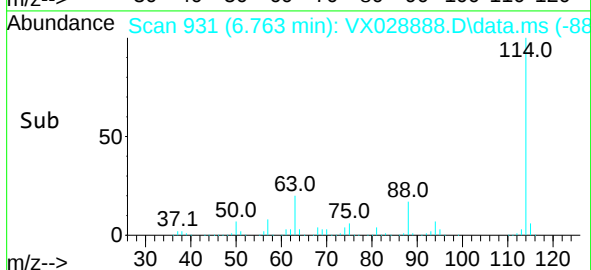
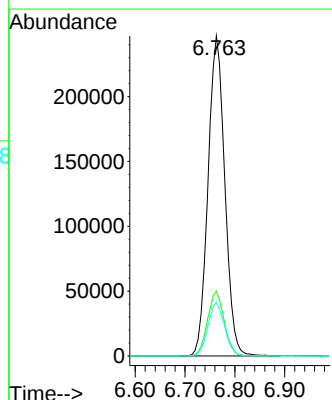
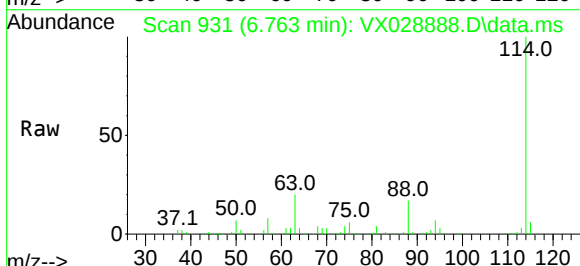
Tgt Ion: 114 Resp: 576771

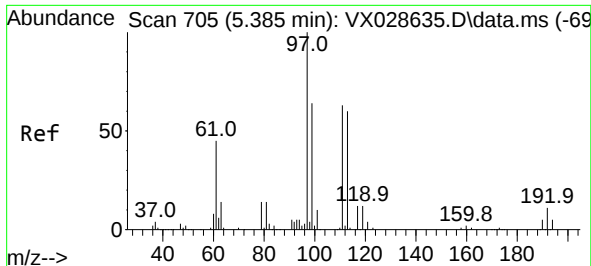
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.8 0.0 32.4

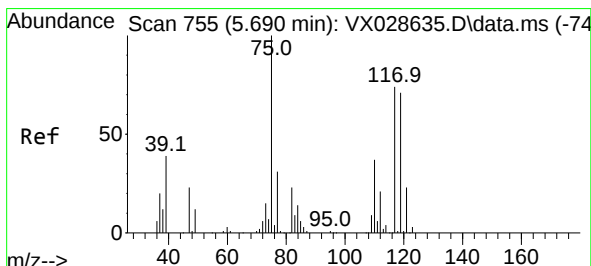
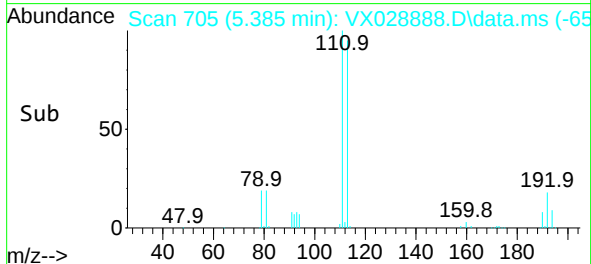
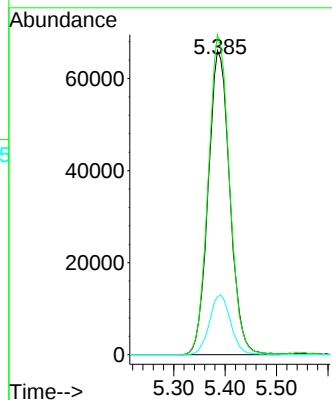
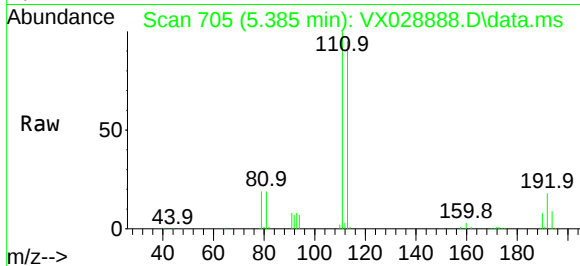




#35
Dibromofluoromethane
Concen: 51.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

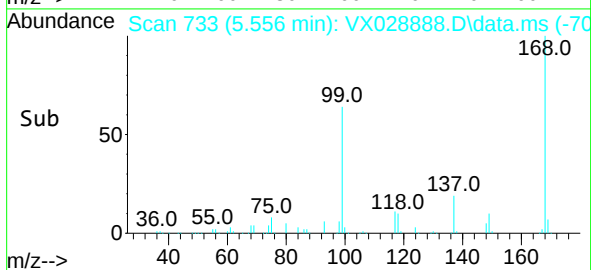
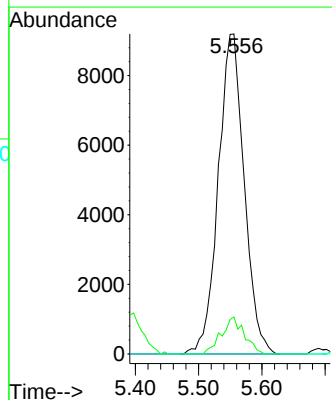
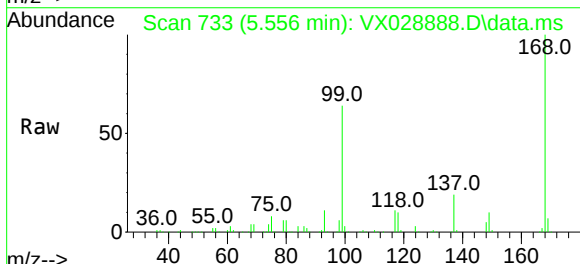
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VX0523MBL01

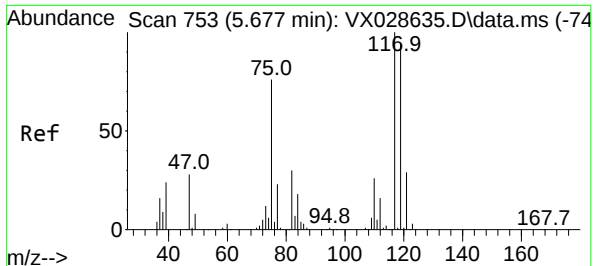
Tgt Ion:113 Resp: 192811
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

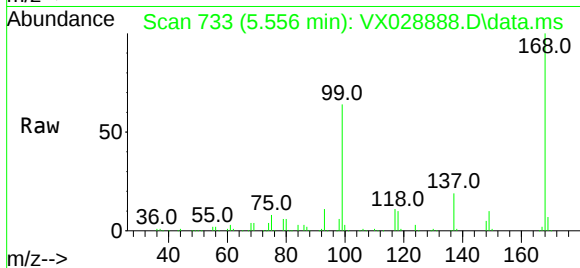
Tgt Ion: 75 Resp: 26127
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



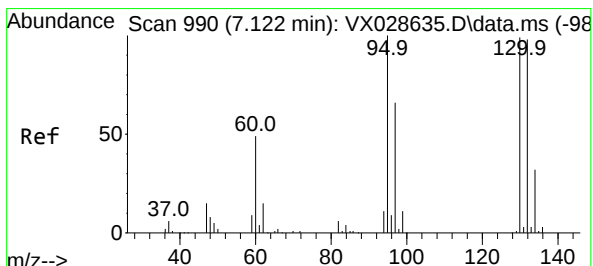
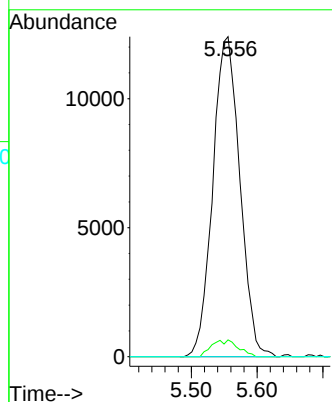
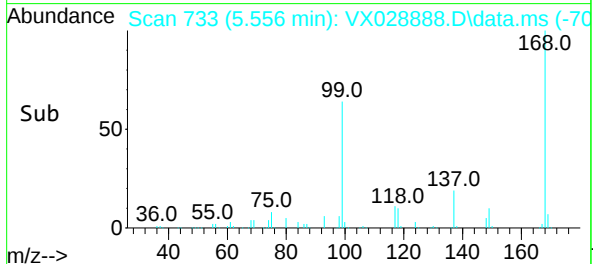


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

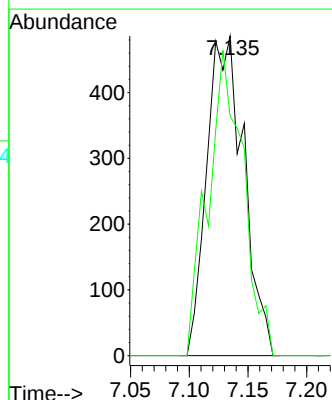
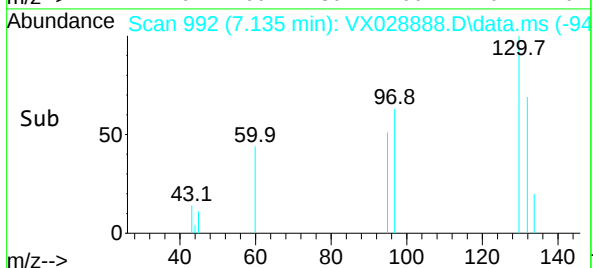
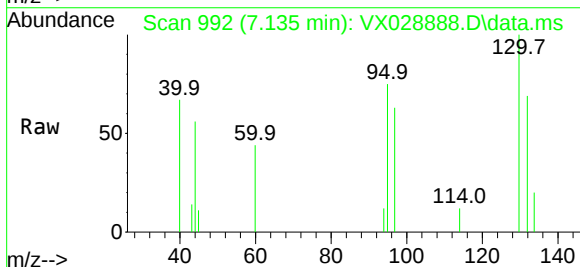


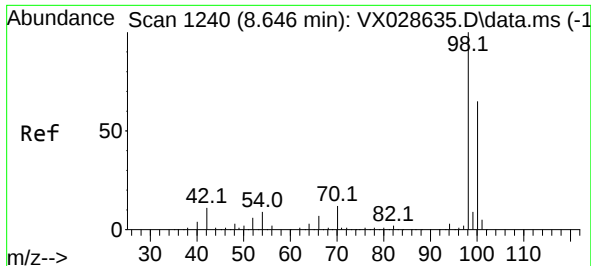
Tgt Ion:117 Resp: 35512
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.240 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.013 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion:130 Resp: 1063
Ion Ratio Lower Upper
130 100
95 74.9 0.0 188.8

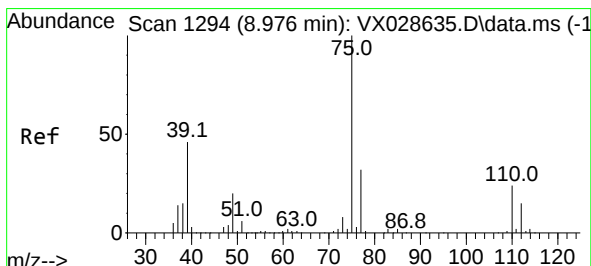
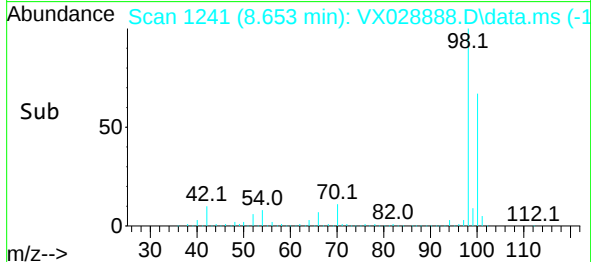
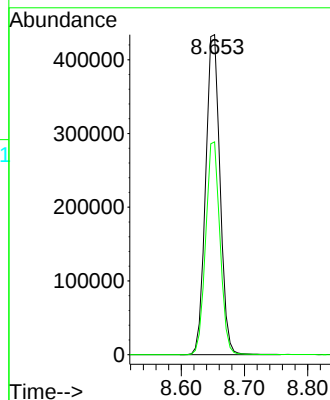
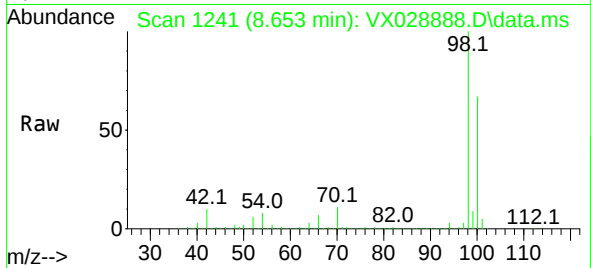




#50
Toluene-d8
Concen: 48.274 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

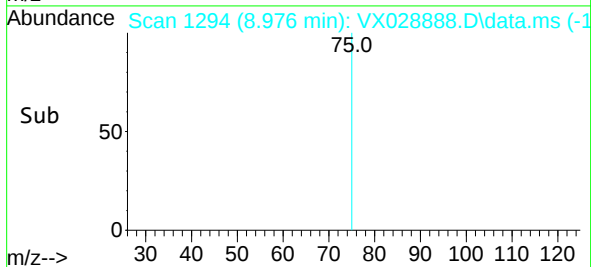
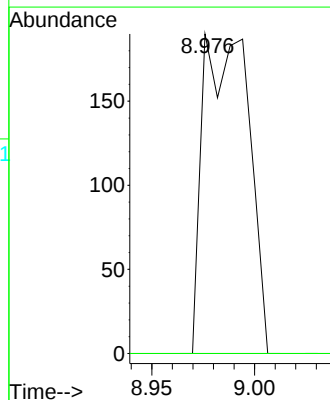
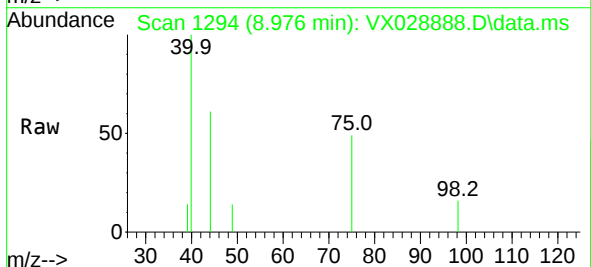
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

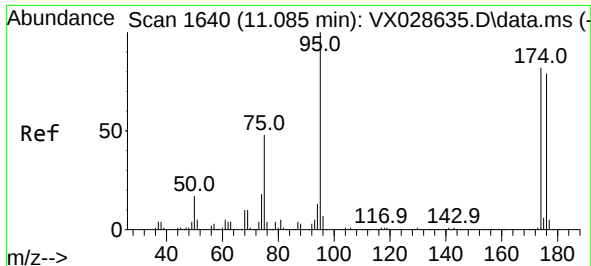
Tgt Ion: 98 Resp: 687768
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.685 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 75 Resp: 296
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

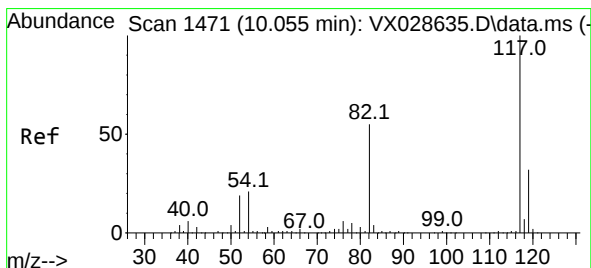
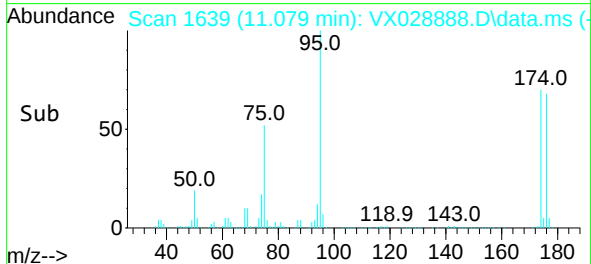
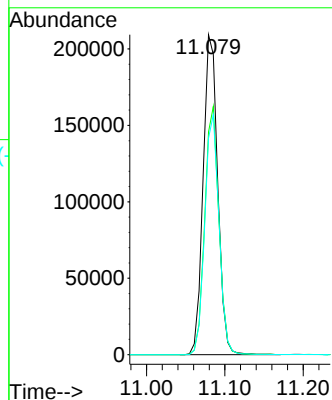
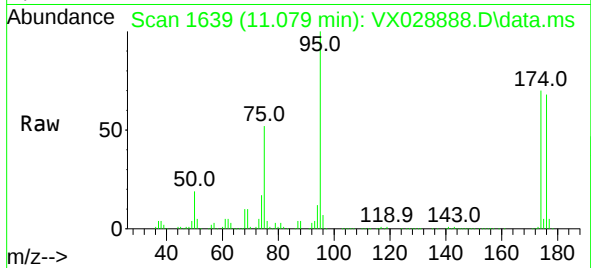




#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

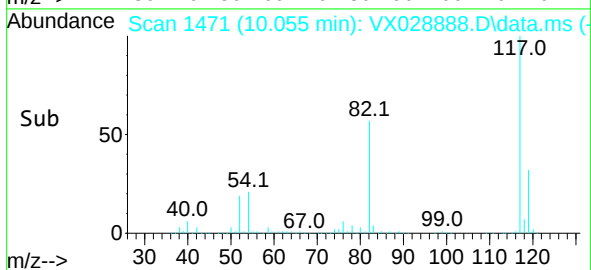
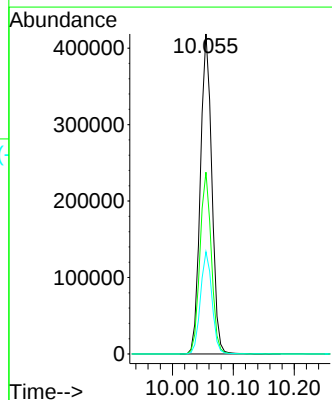
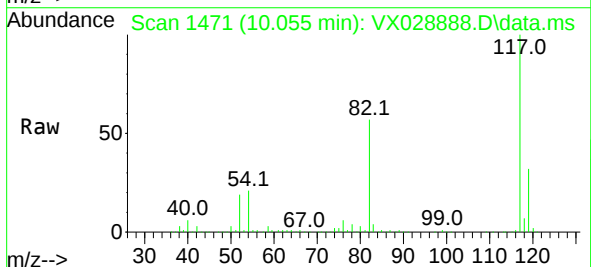
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

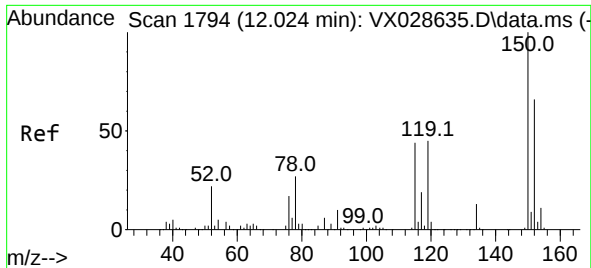
Tgt Ion: 95 Resp: 270024
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 73.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 117 Resp: 545835
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 31.9 24.8 37.2

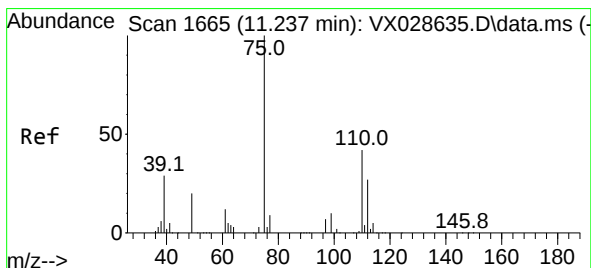
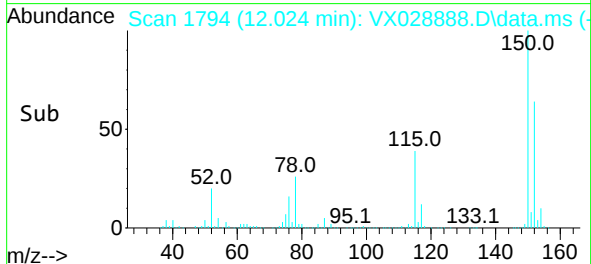
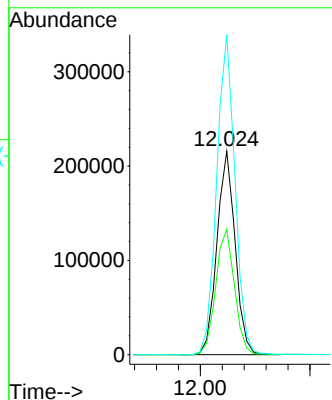
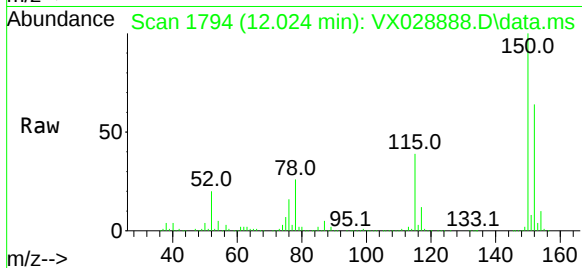




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

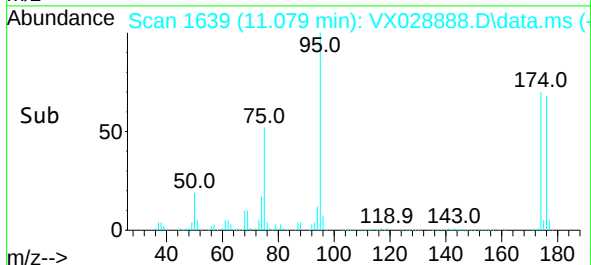
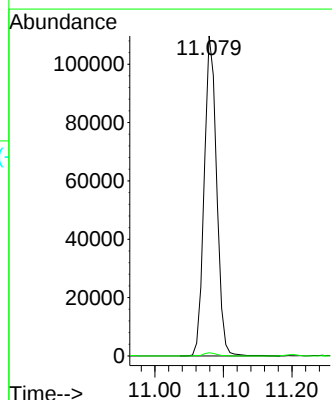
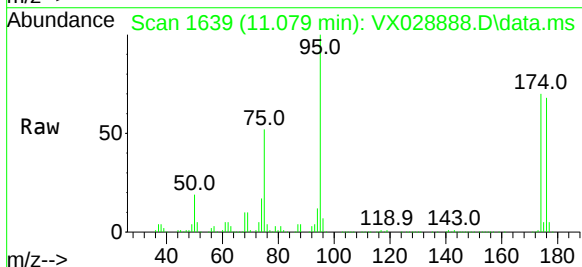
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

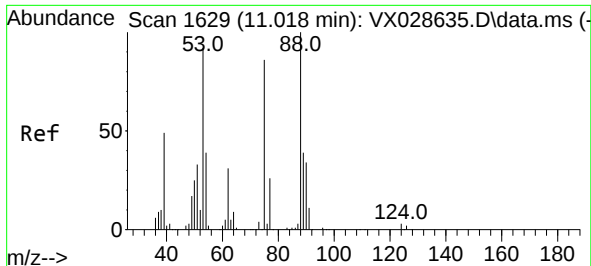
Tgt Ion:152 Resp: 249430
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion: 75 Resp: 138568
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

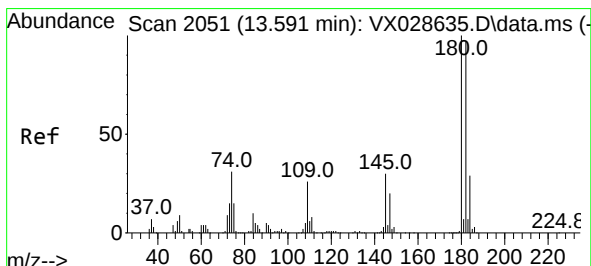
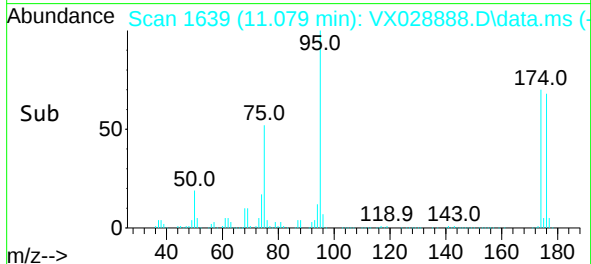
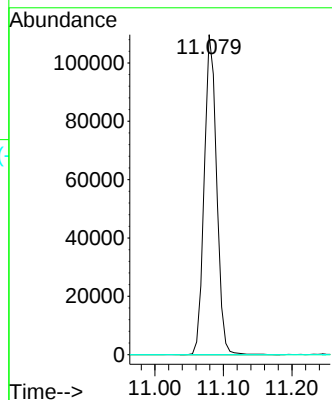
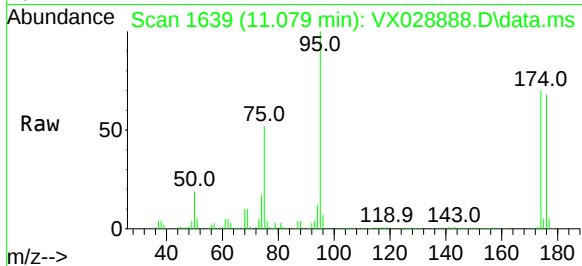




#81
trans-1,4-Dichloro-2-butene
Concen: 69.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

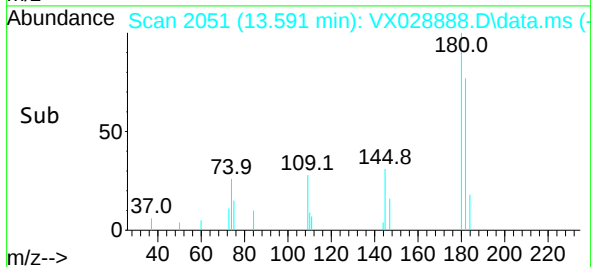
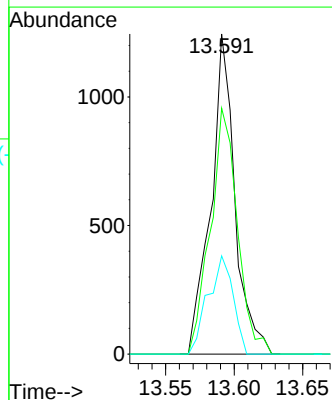
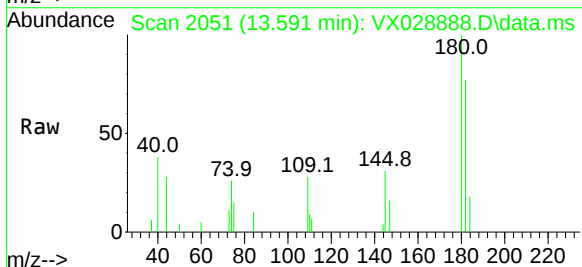
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

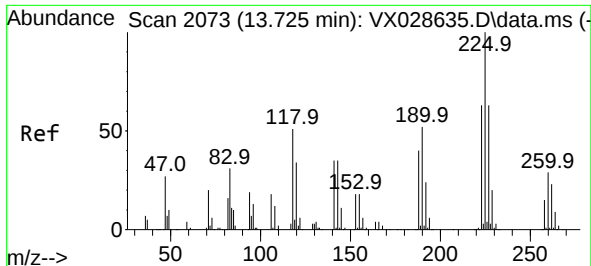
Tgt Ion: 75 Resp: 138568
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.305 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

Tgt Ion:180 Resp: 1517
Ion Ratio Lower Upper
180 100
182 86.3 47.7 143.1
145 31.8 15.2 45.5

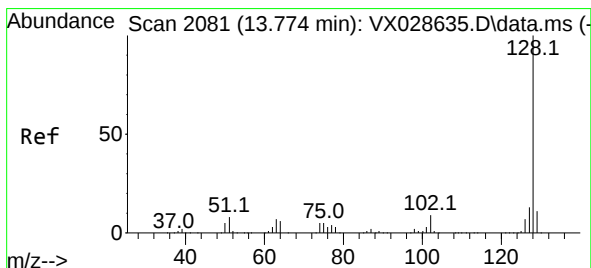
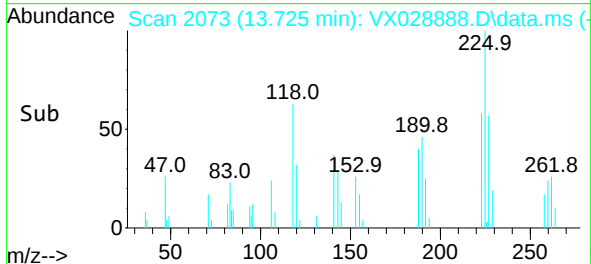
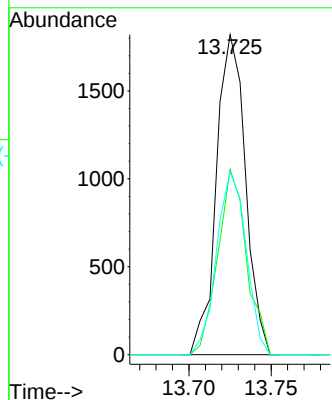
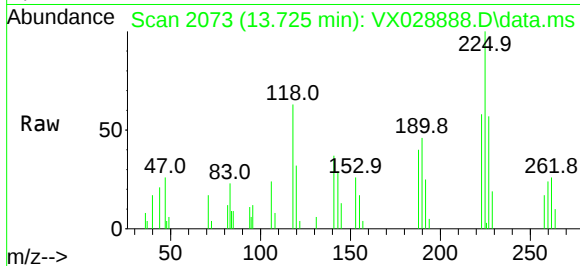




#94
Hexachlorobutadiene
Concen: 1.105 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

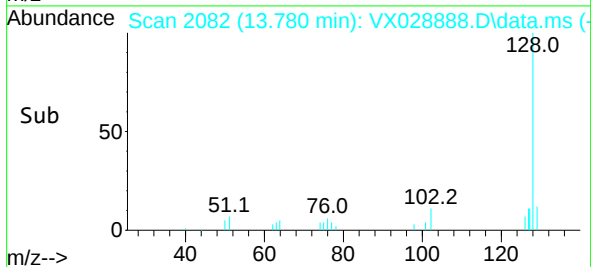
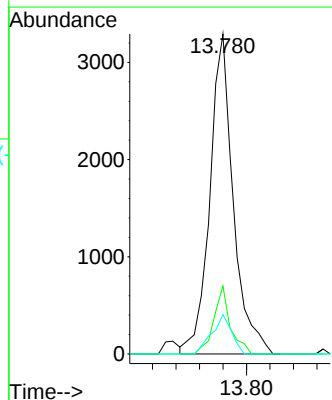
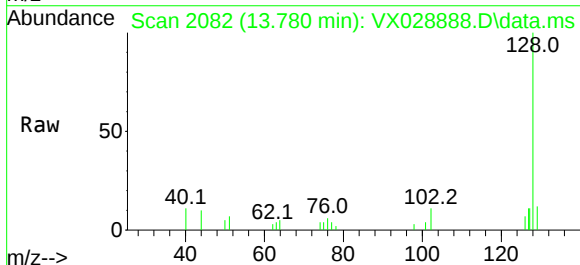
Instrument :
MSVOA_X
ClientSampleId :
VX0523MBL01

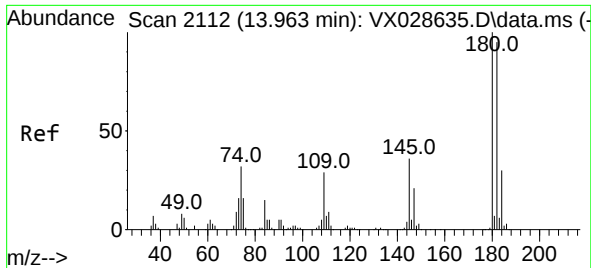
Tgt Ion:225 Resp: 2236
Ion Ratio Lower Upper
225 100
223 57.3 34.2 102.5
227 58.1 33.9 101.7



#95
Naphthalene
Concen: 0.257 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028888.D
Acq: 23 May 2022 12:44

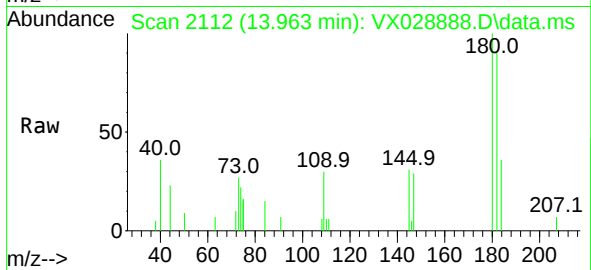
Tgt Ion:128 Resp: 4558
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.4
129 10.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.325 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028888.D
 Acq: 23 May 2022 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBL01



Tgt Ion:	180	Resp:	1626
Ion	Ratio	Lower	Upper
180	100		
182	94.0	50.0	149.8
145	32.2	16.2	48.5

