

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027784.D
 Acq On : 29 Mar 2022 19:08
 Operator : JC/MD
 Sample : VX0329WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

Quant Time: Mar 30 05:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

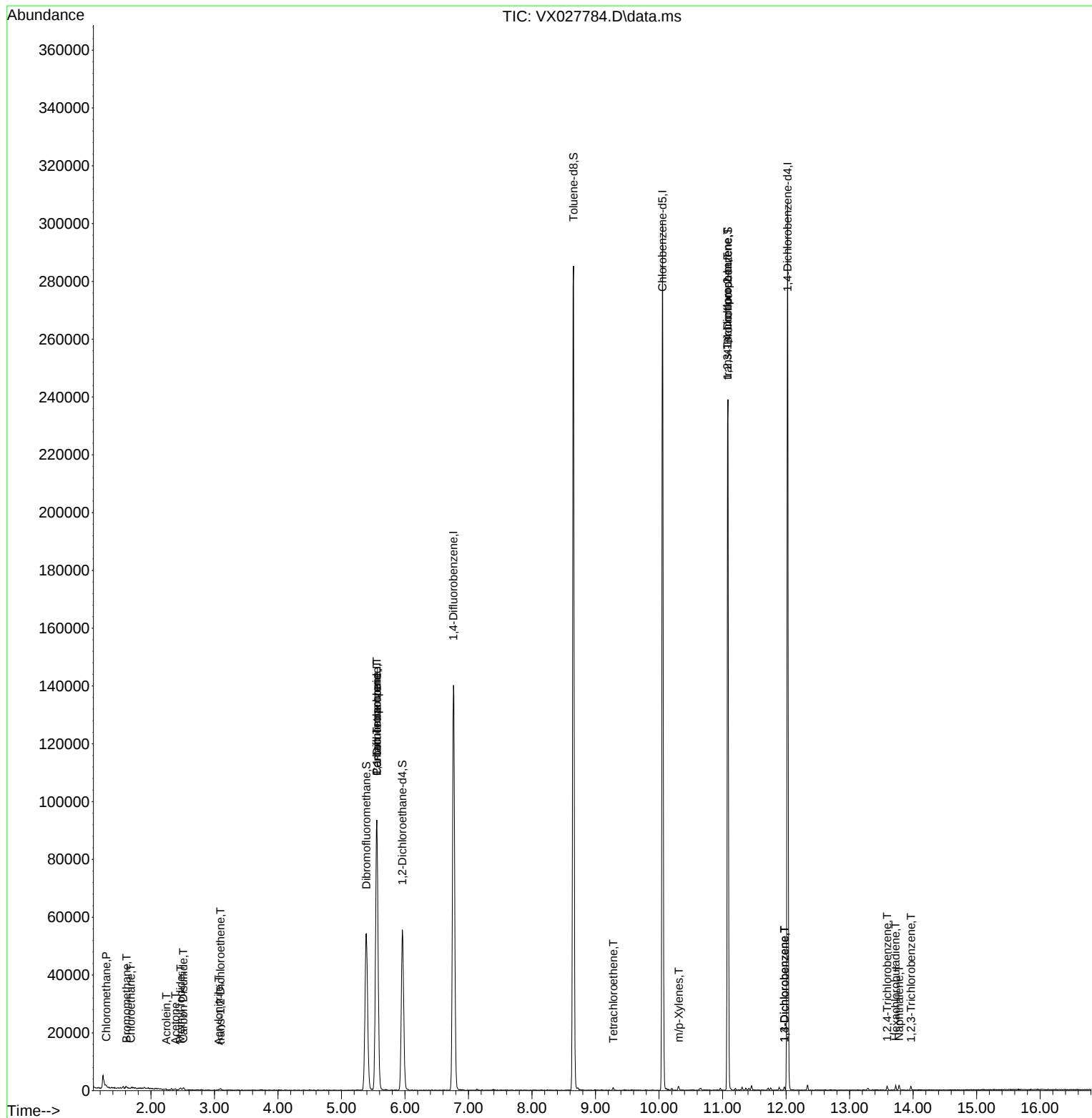
Internal Standards						
1) Pentafluorobenzene	5.556	168	88349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54839	48.107	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	5.391	113	48231	50.793	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.580%		
50) Toluene-d8	8.653	98	176593	52.856	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.720%		
62) 4-Bromofluorobenzene	11.085	95	68624	48.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.660%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	242	0.342	ug/l #	42
5) Bromomethane	1.617	94	428	1.308	ug/l #	73
6) Chloroethane	1.684	64	201	0.411	ug/l #	43
10) Methyl Iodide	2.465	142	896	0.933	ug/l #	90
13) Acrolein	2.239	56	56	0.341	ug/l #	5
15) Acrylonitrile	3.068	53	179	0.348	ug/l #	64
16) Acetone	2.386	43	422	0.836	ug/l #	77
17) Carbon Disulfide	2.508	76	1019	0.656	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	199	0.242	ug/l #	56
36) 1,1-Dichloropropene	5.556	75	6406	5.356	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9158	6.931	ug/l #	15
64) Tetrachloroethene	9.281	164	195	0.214	ug/l #	57
68) m/p-Xylenes	10.311	106	440	0.249	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	33534	23.602	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33534	69.495	ug/l #	15
87) 1,3-Dichlorobenzene	11.975	146	473	0.234	ug/l	92
88) 1,4-Dichlorobenzene	11.975	146	473	0.227	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	463	0.379	ug/l	97
94) Hexachlorobutadiene	13.725	225	300	1.360	ug/l	98
95) Naphthalene	13.780	128	1391	0.326	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	445	0.372	ug/l	87

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

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Sample : VX0329WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

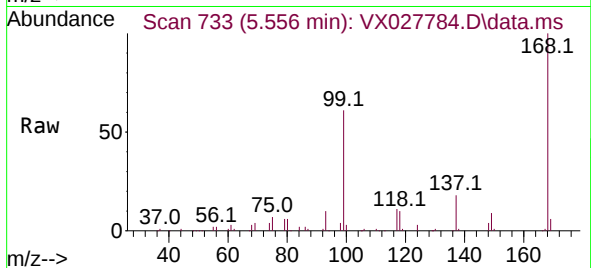
Quant Time: Mar 30 05:05:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



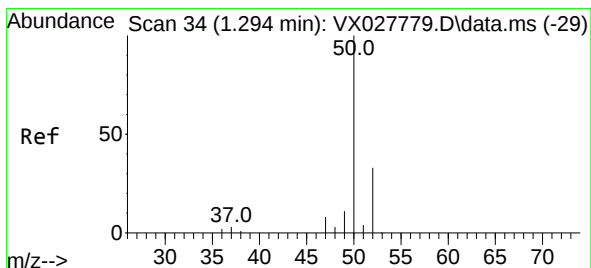
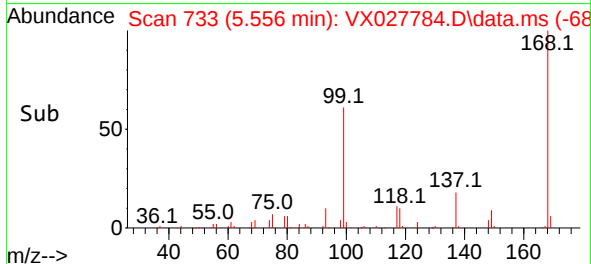
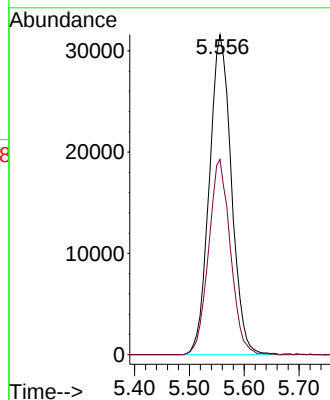


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

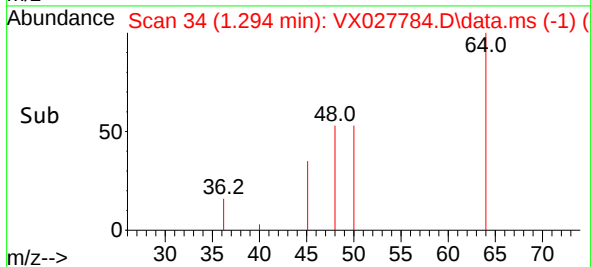
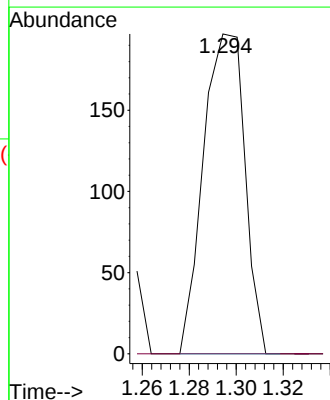
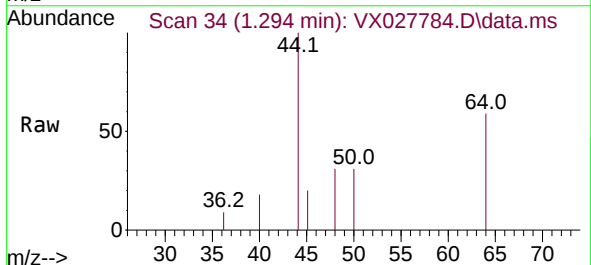


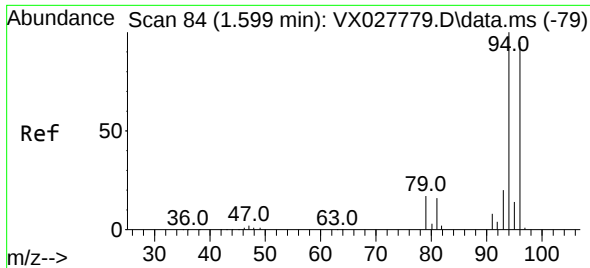
Tgt Ion:168 Resp: 88349
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

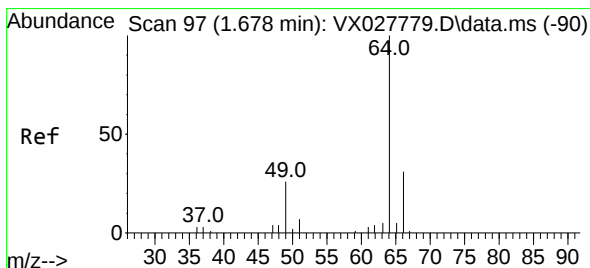
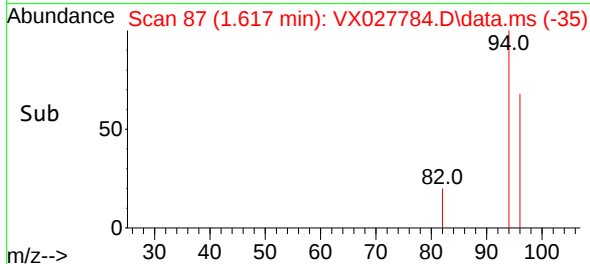
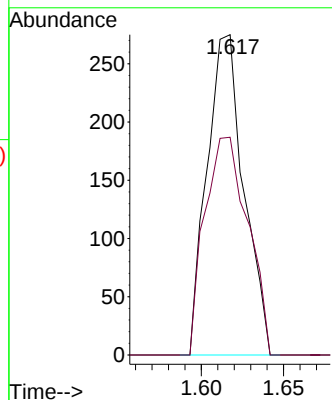
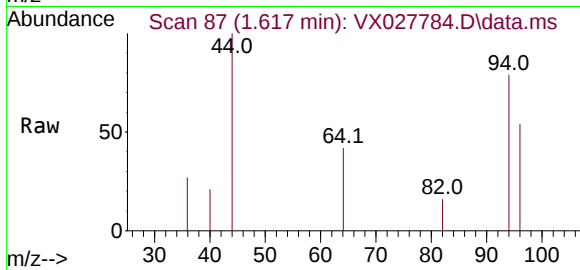




#5
Bromomethane
Concen: 1.308 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

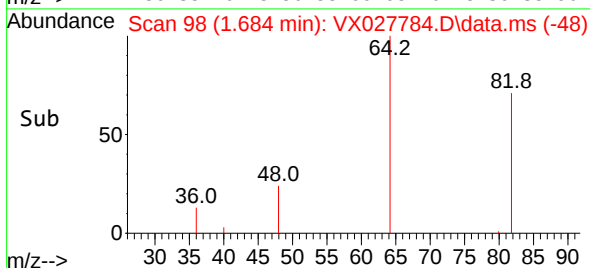
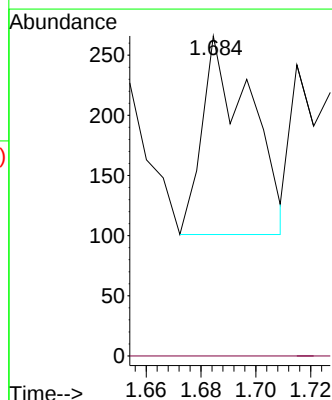
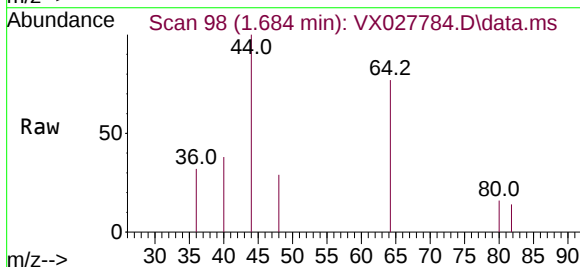
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

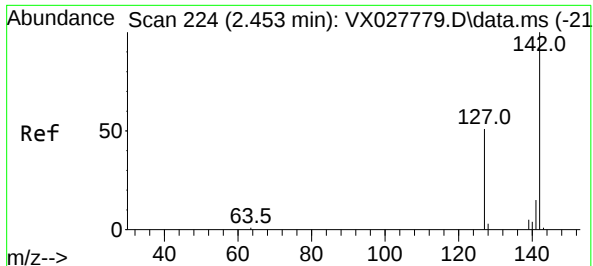
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 68.0 75.3 112.9#



#6
Chloroethane
Concen: 0.411 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 64 Resp: 201
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

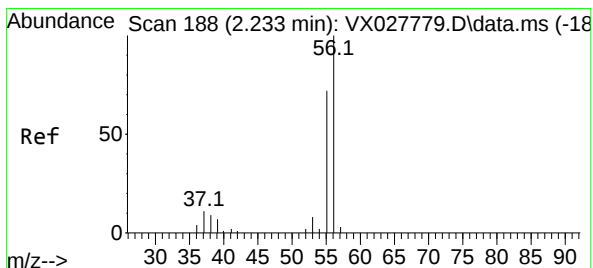
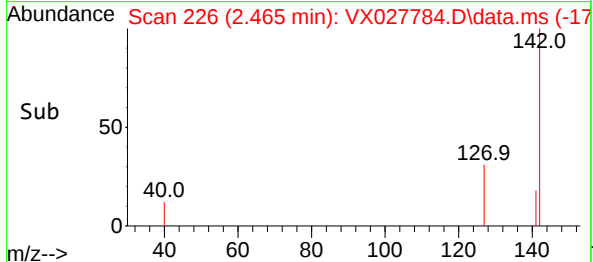
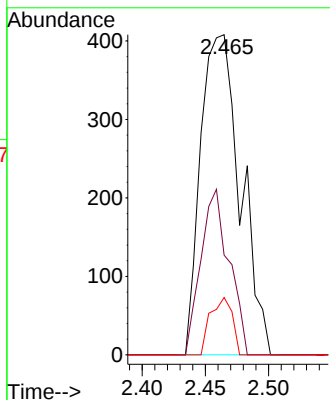
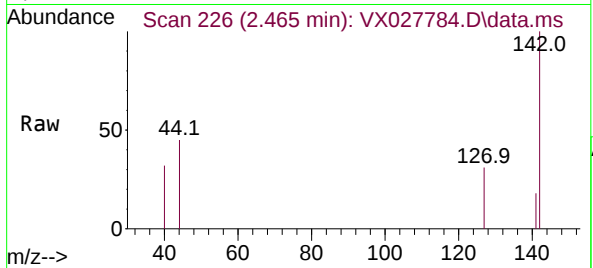




#10
Methyl Iodide
Concen: 0.933 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

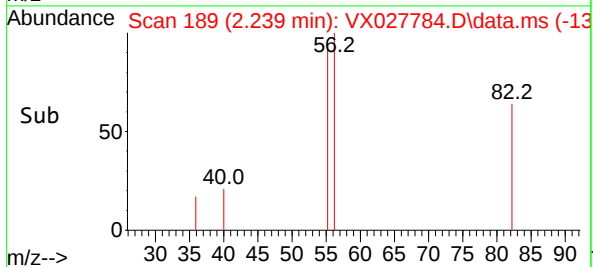
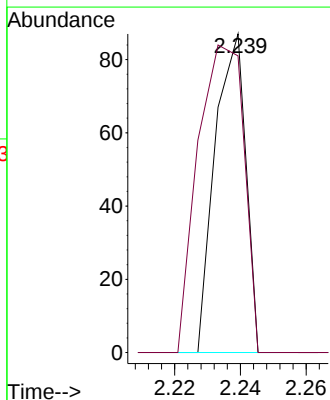
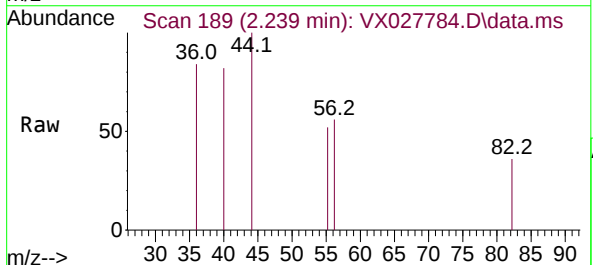
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

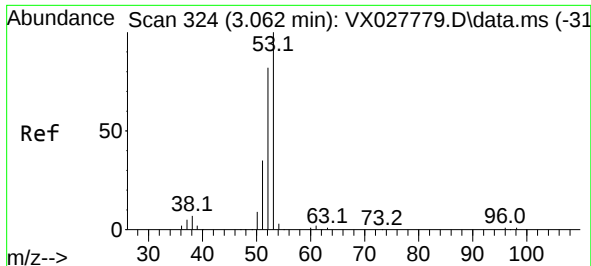
Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
127 36.5 33.9 50.9
141 9.7 11.4 17.2#



#13
Acrolein
Concen: 0.341 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 146.4 55.0 82.6#





#15

Acrylonitrile

Concen: 0.348 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027784.D

Acq: 29 Mar 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL01

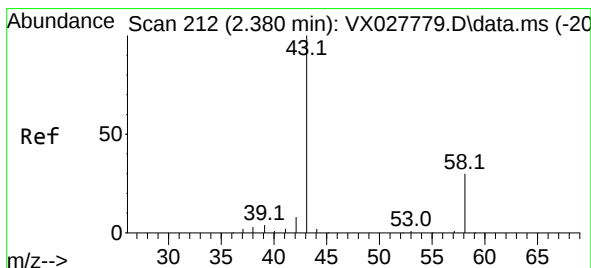
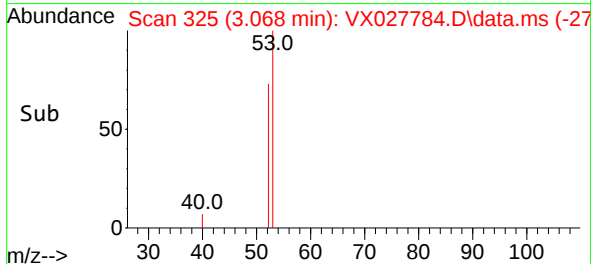
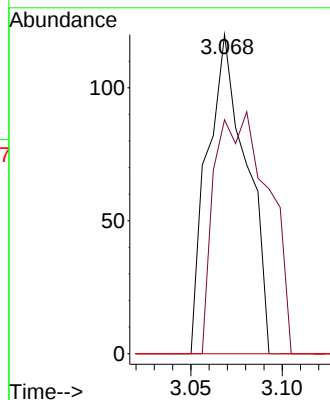
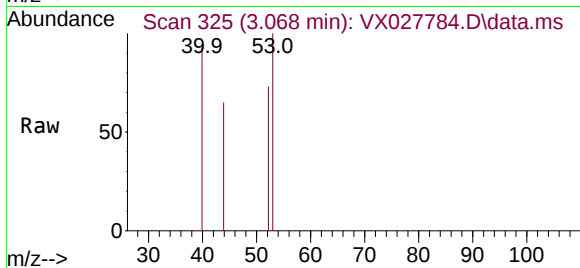
Tgt Ion: 53 Resp: 179

Ion Ratio Lower Upper

53 100

52 104.5 65.7 98.5#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 0.836 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027784.D

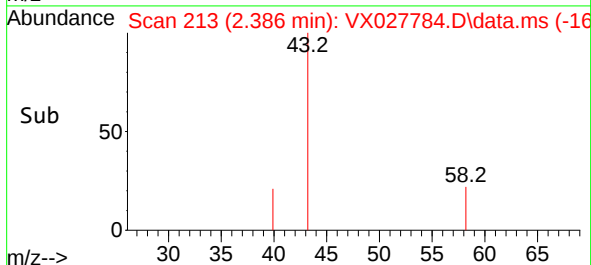
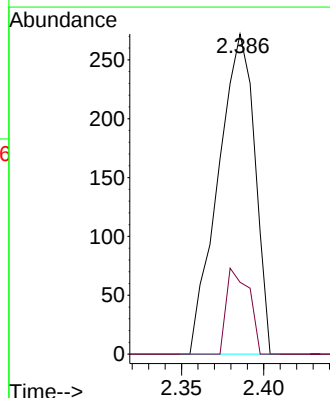
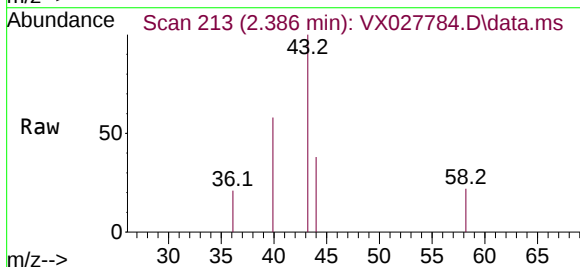
Acq: 29 Mar 2022 19:08

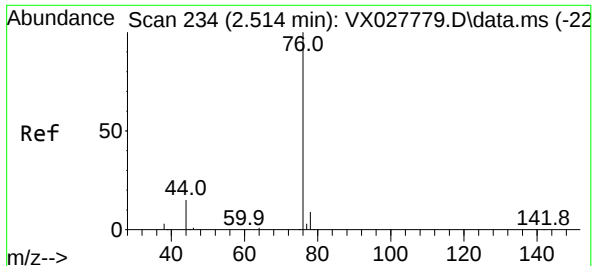
Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 22.4 28.8 43.2#

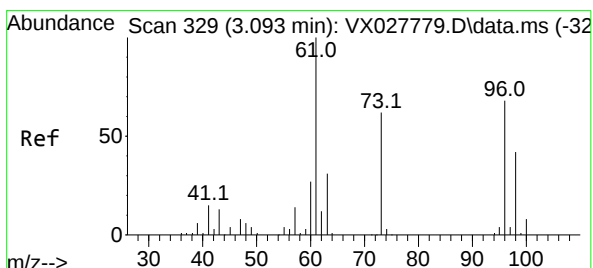
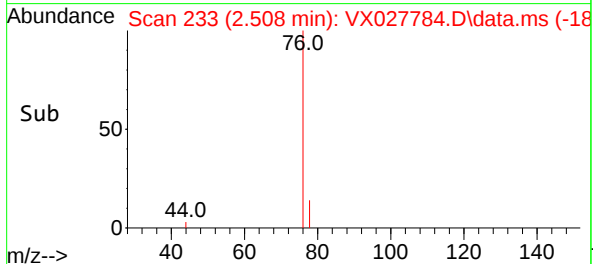
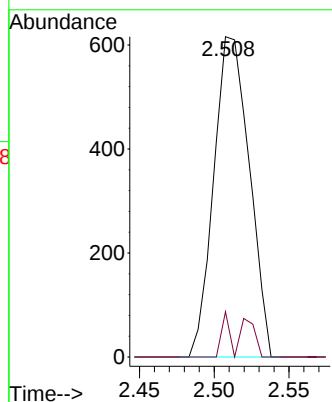
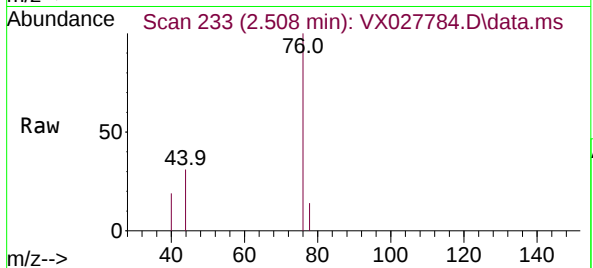




#17
Carbon Disulfide
Concen: 0.656 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

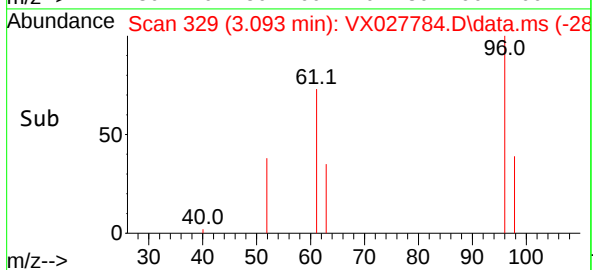
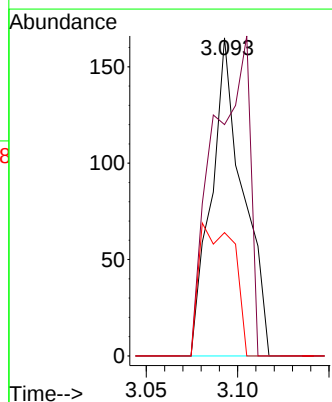
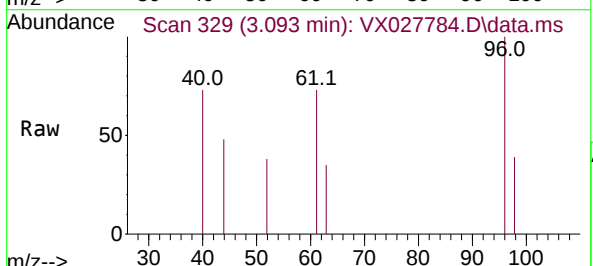
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

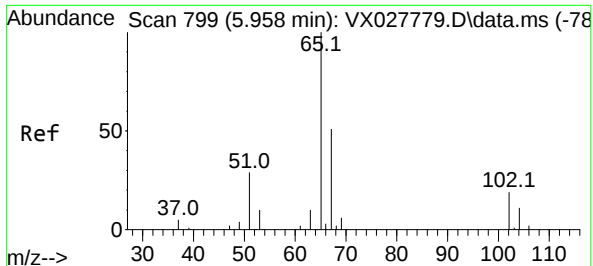
Tgt Ion: 76 Resp: 1019
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 96 Resp: 199
Ion Ratio Lower Upper
96 100
61 72.7 105.4 158.2#
98 38.8 50.0 75.0#





#33

1,2-Dichloroethane-d4

Concen: 48.107 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027784.D

Acq: 29 Mar 2022 19:08

Instrument :

MSVOA_X

ClientSampleId :

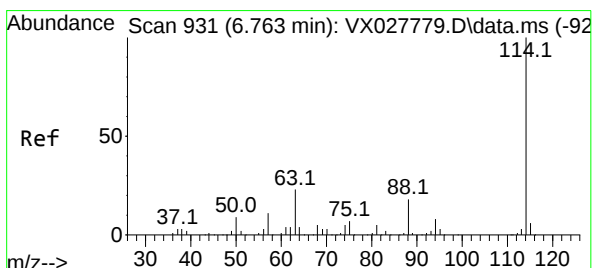
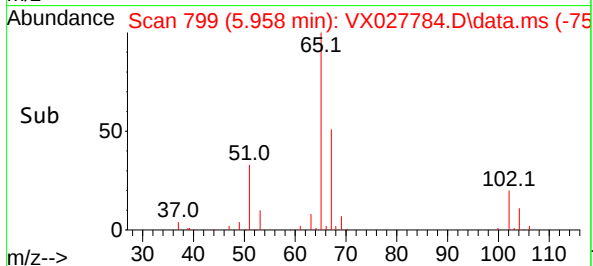
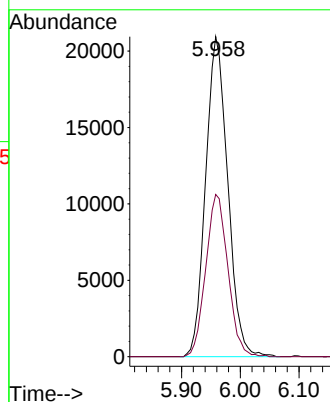
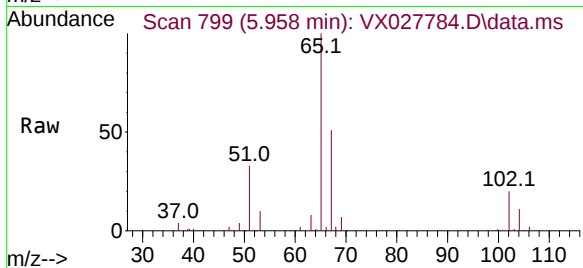
VX0329WBL01

Tgt Ion: 65 Resp: 54839

Ion Ratio Lower Upper

65 100

67 50.7 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: VX027784.D

Acq: 29 Mar 2022 19:08

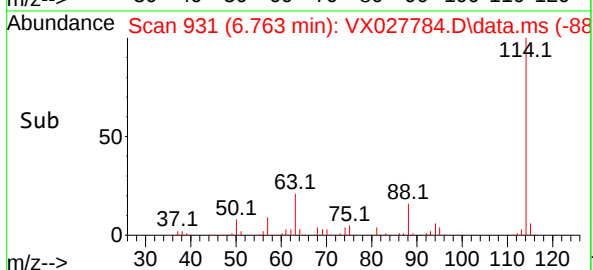
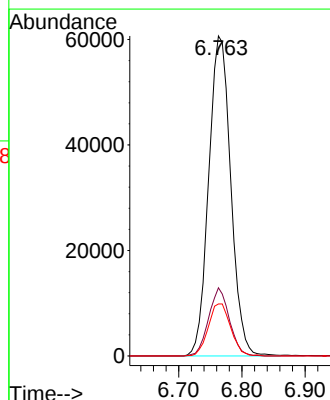
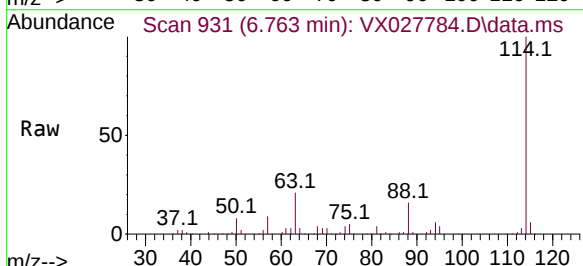
Tgt Ion: 114 Resp: 147111

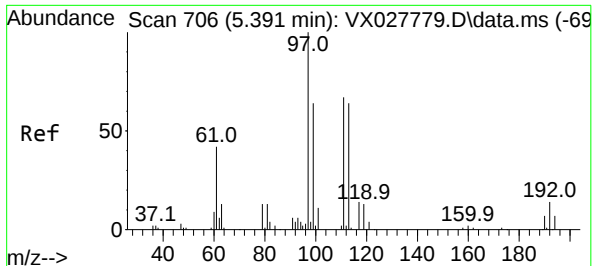
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.8

88 16.3 0.0 32.4

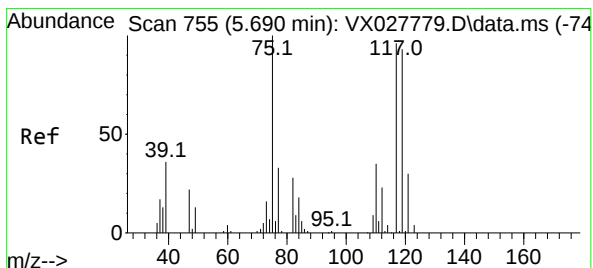
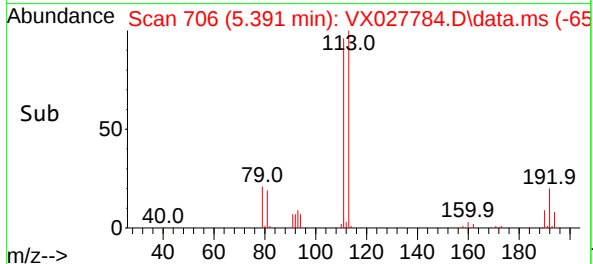
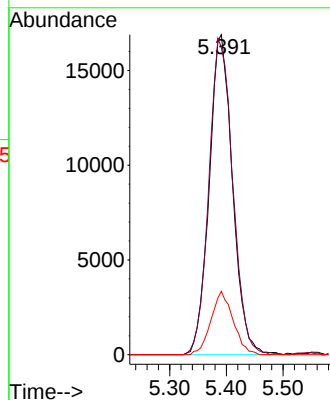
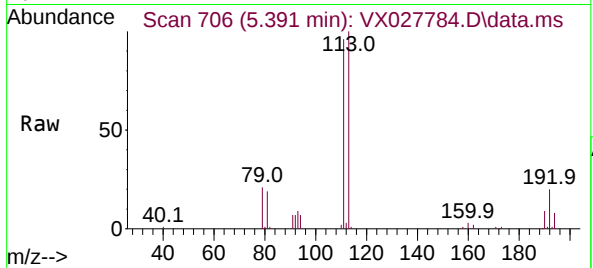




#35
Dibromofluoromethane
Concen: 50.793 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

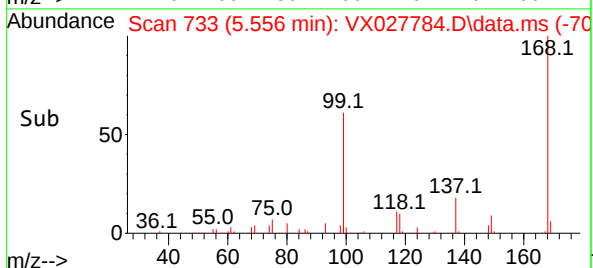
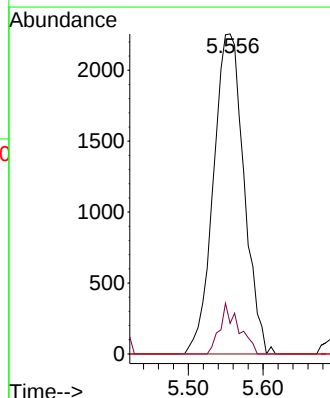
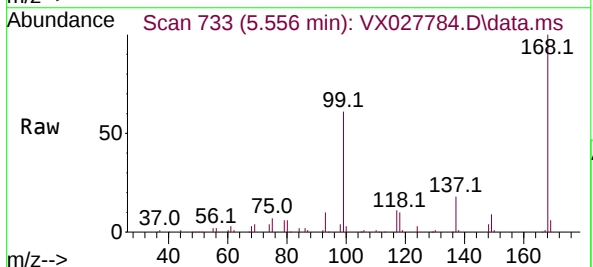
Instrument :
MSVOA_X
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VX0329WBL01

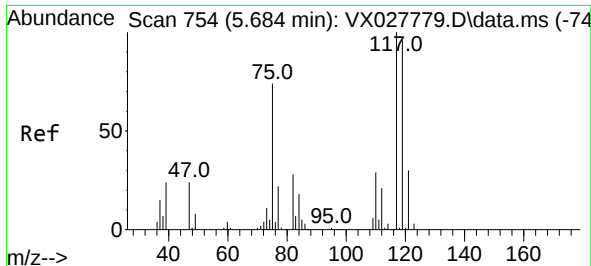
Tgt Ion:113 Resp: 48231
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

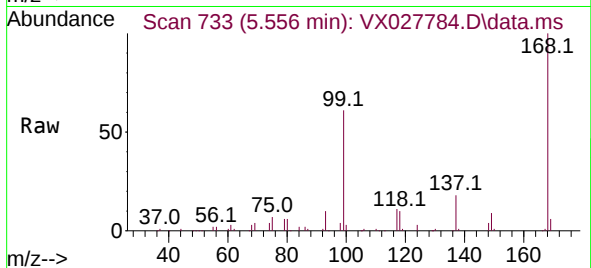
Tgt Ion: 75 Resp: 6406
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



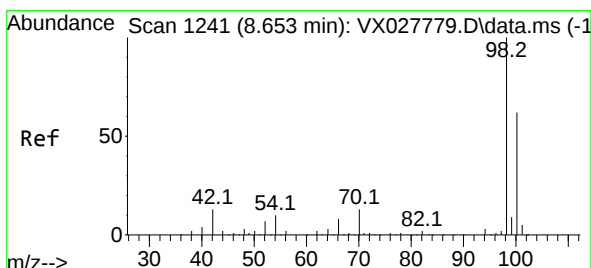
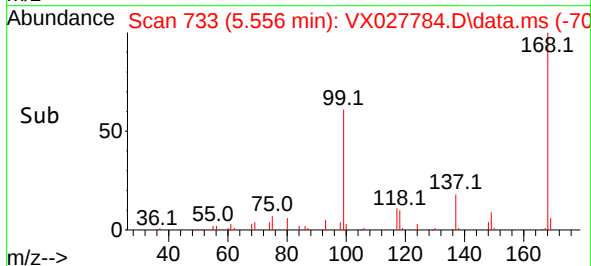
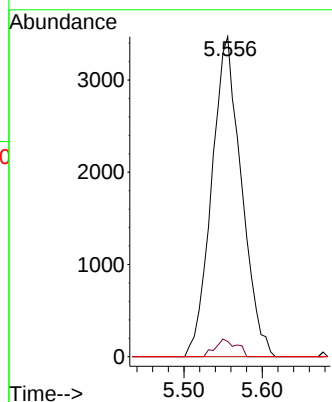


#38
Carbon Tetrachloride
Concen: 6.931 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

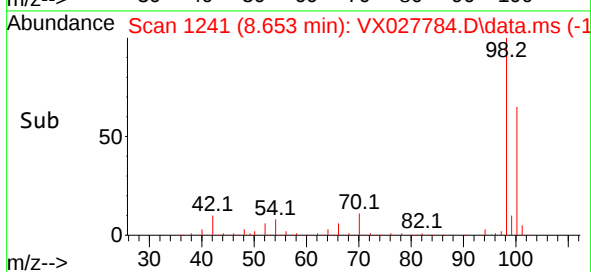
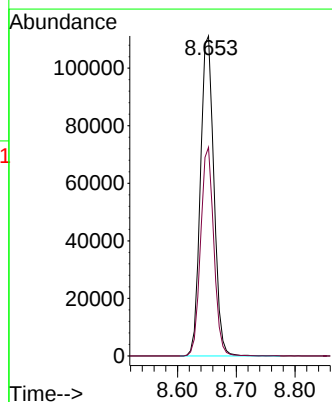
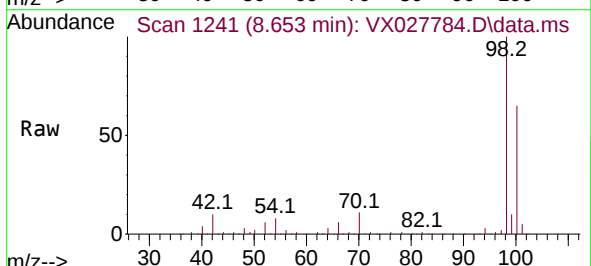


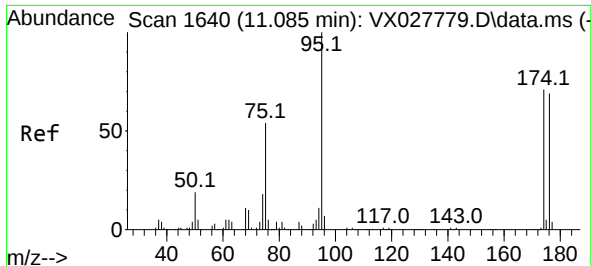
Tgt Ion:117 Resp: 9158
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.856 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 98 Resp: 176593
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

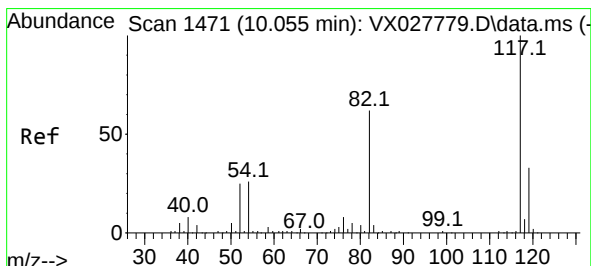
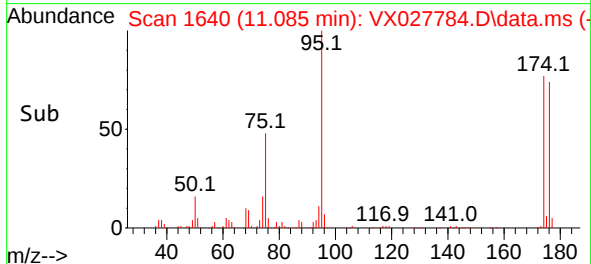
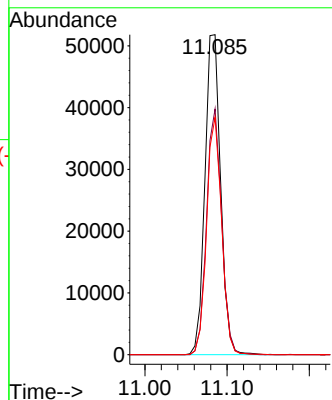
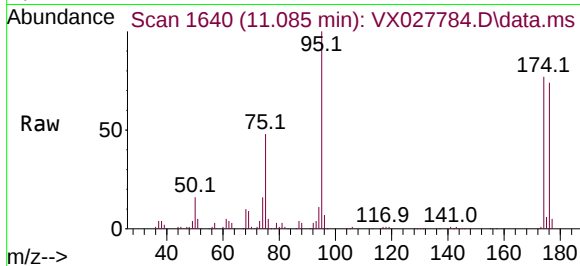




#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

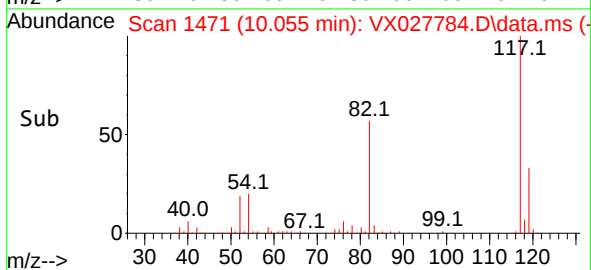
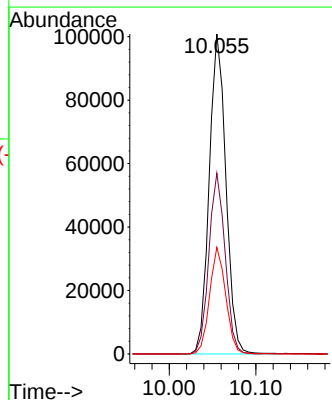
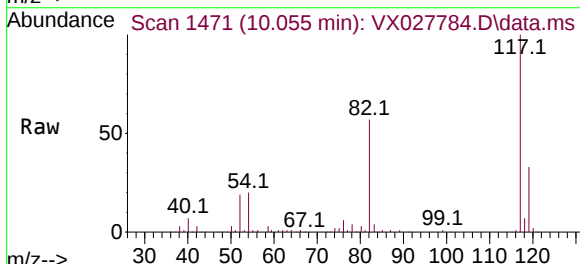
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

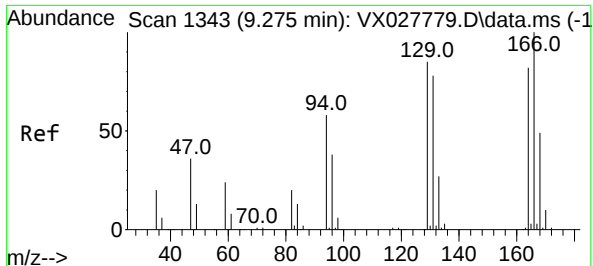
Tgt Ion: 95 Resp: 68624
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion: 117 Resp: 134695
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 33.3 24.8 37.2

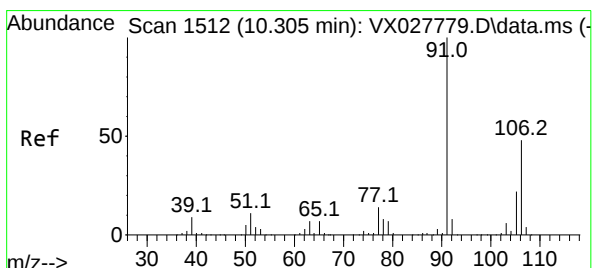
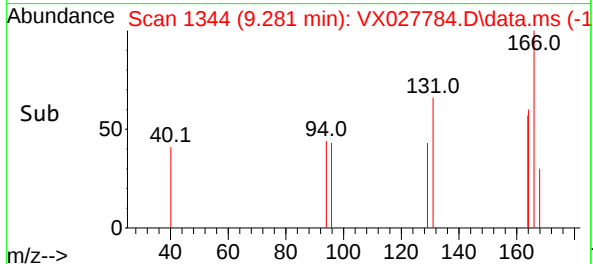
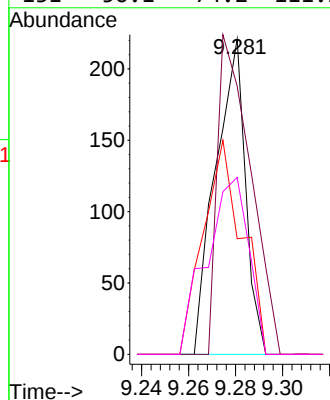
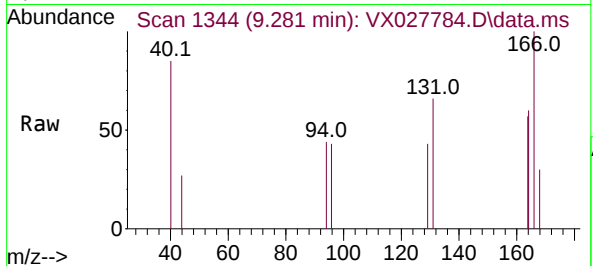




#64
Tetrachloroethene
Concen: 0.214 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

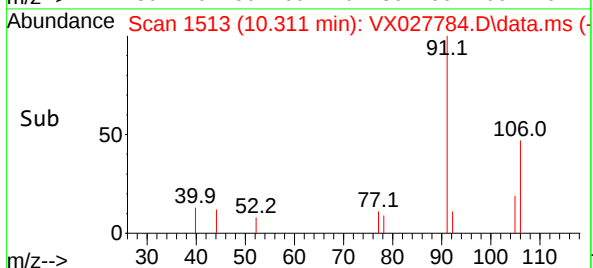
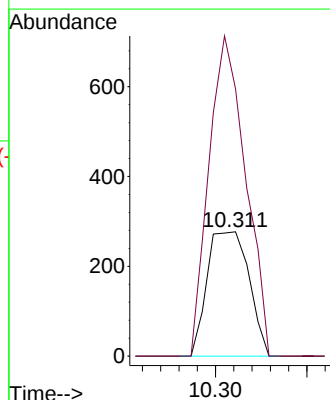
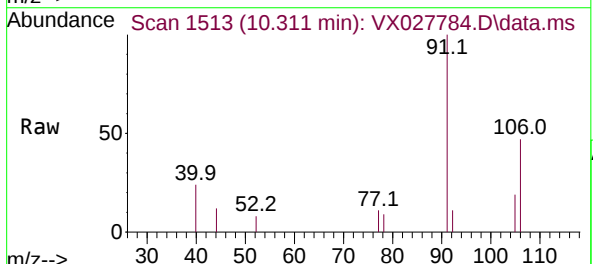
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

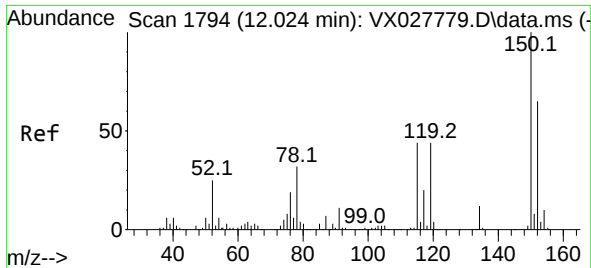
Tgt Ion:164 Resp: 195
Ion Ratio Lower Upper
164 100
166 85.1 101.2 151.8#
129 36.7 73.0 109.4#
131 56.1 74.2 111.2#



#68
m/p-Xylenes
Concen: 0.249 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion:106 Resp: 440
Ion Ratio Lower Upper
106 100
91 226.1 160.4 240.6

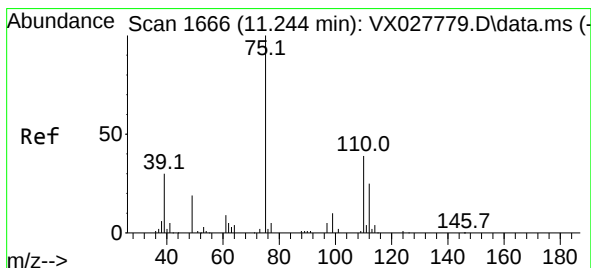
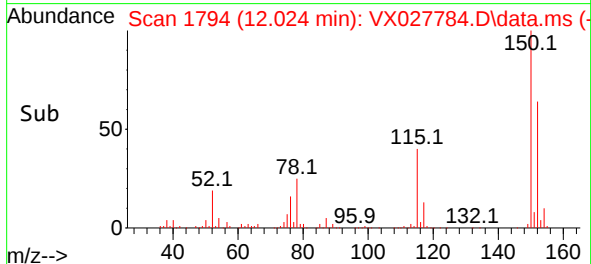
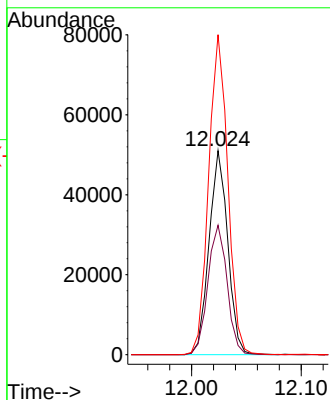
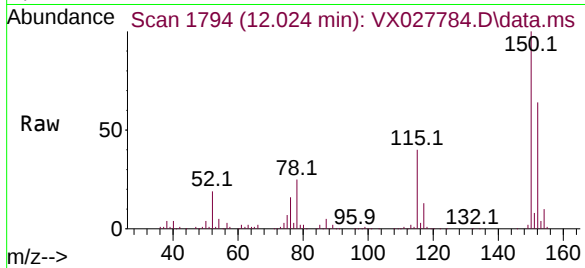




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027784.D
 Acq: 29 Mar 2022 19:08

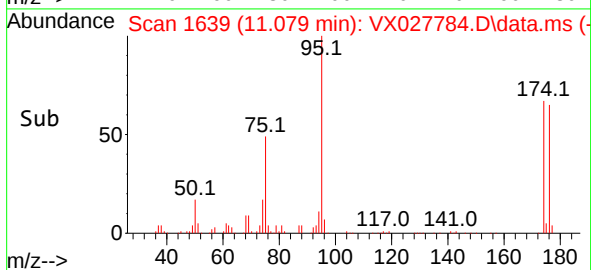
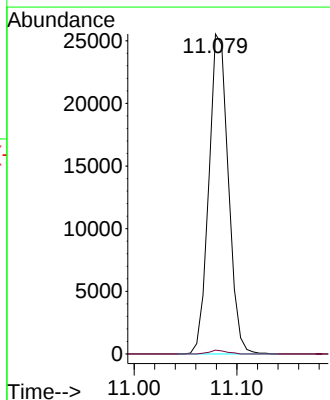
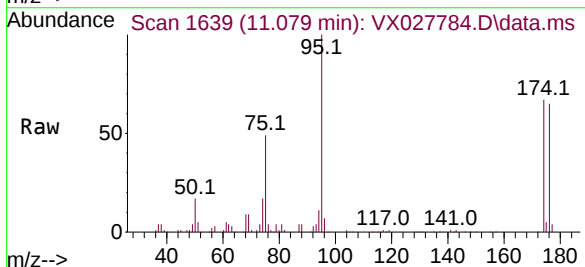
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

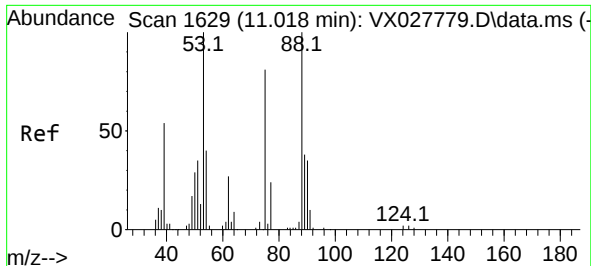
Tgt Ion:152 Resp: 60566
 Ion Ratio Lower Upper
 152 100
 115 65.1 37.5 112.7
 150 160.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.602 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027784.D
 Acq: 29 Mar 2022 19:08

Tgt Ion: 75 Resp: 33534
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

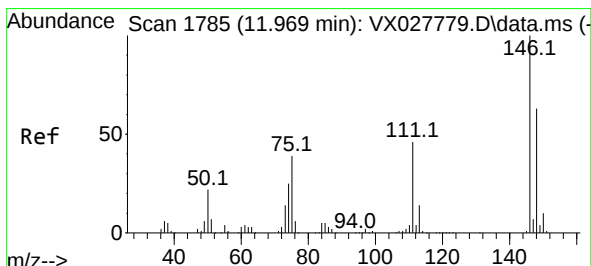
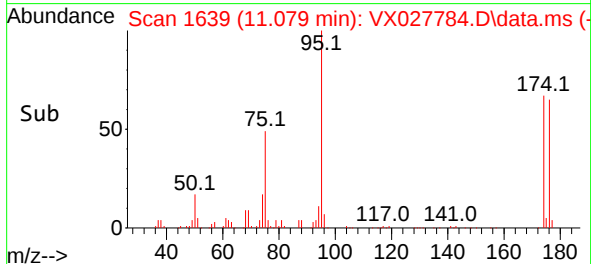
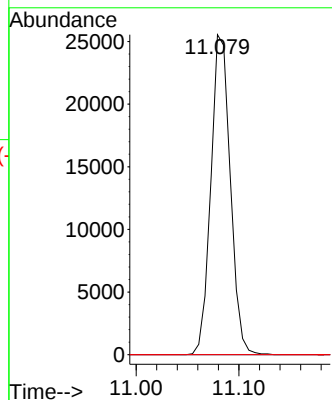
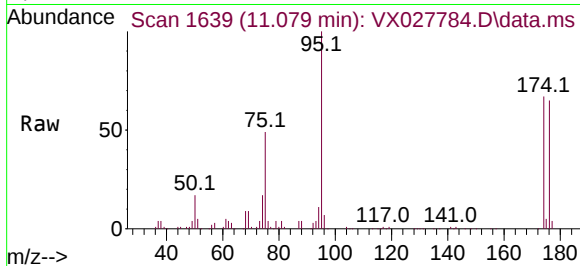




#81
trans-1,4-Dichloro-2-butene
Concen: 69.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

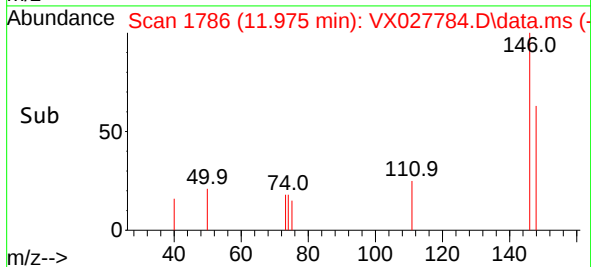
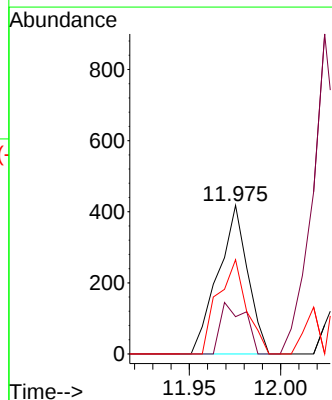
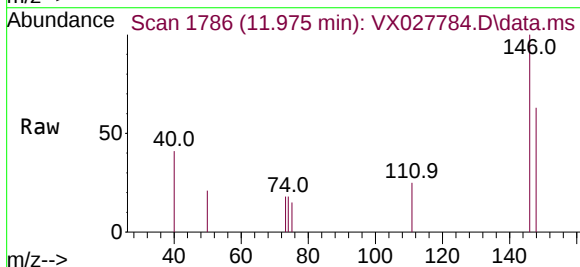
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

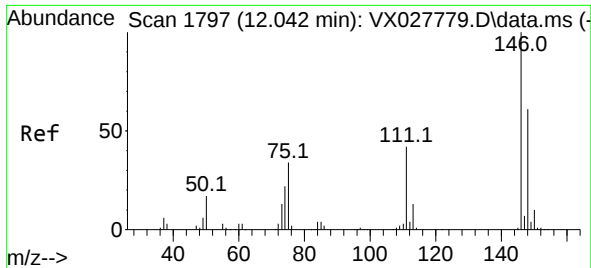
Tgt Ion: 75 Resp: 33534
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#87
1,3-Dichlorobenzene
Concen: 0.234 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion:146 Resp: 473
Ion Ratio Lower Upper
146 100
111 28.5 19.7 59.1
148 61.3 31.6 94.7

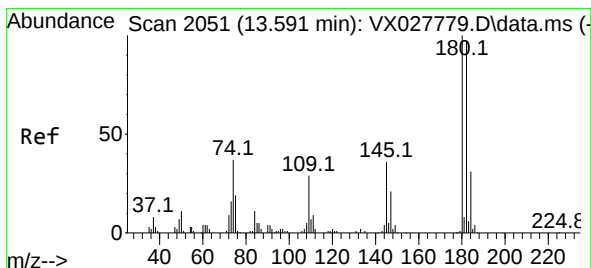
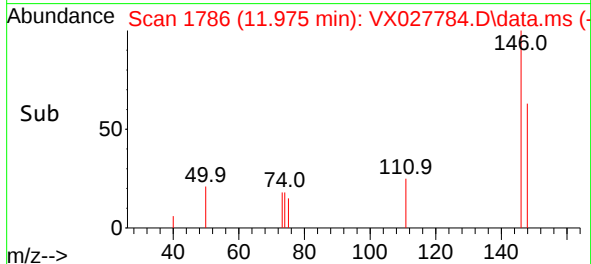
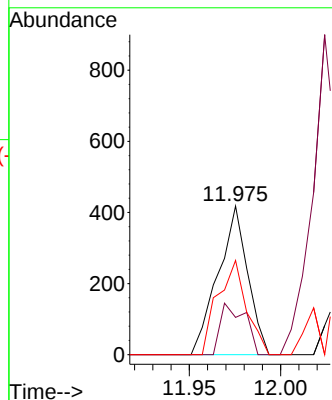
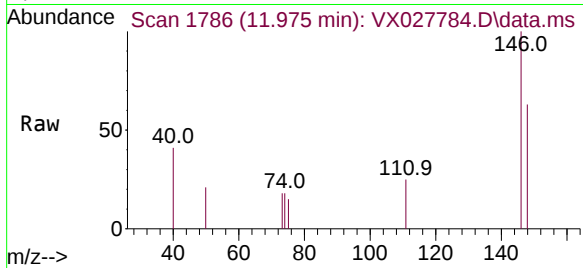




#88
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 11.975 min Scan# 1797
Delta R.T. -0.067 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

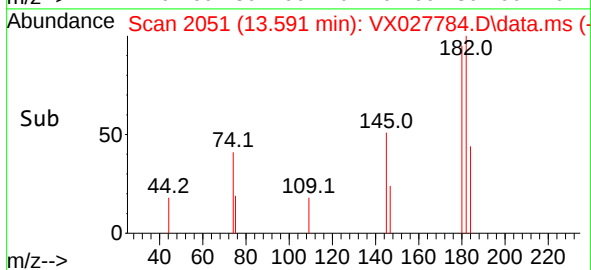
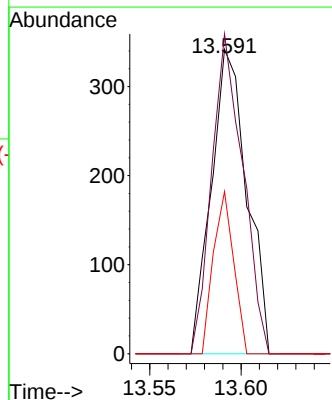
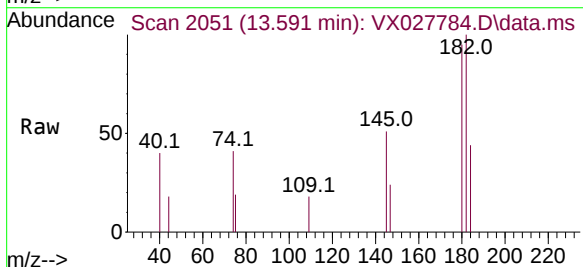
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

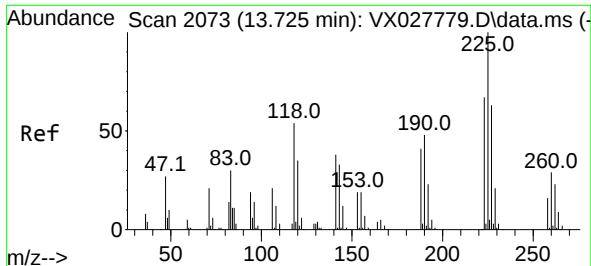
Tgt Ion:146 Resp: 473
Ion Ratio Lower Upper
146 100
111 28.5 19.2 57.6
148 61.3 32.3 96.9



#93
1,2,4-Trichlorobenzene
Concen: 0.379 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

Tgt Ion:180 Resp: 463
Ion Ratio Lower Upper
180 100
182 92.0 47.7 143.1
145 30.2 15.2 45.5

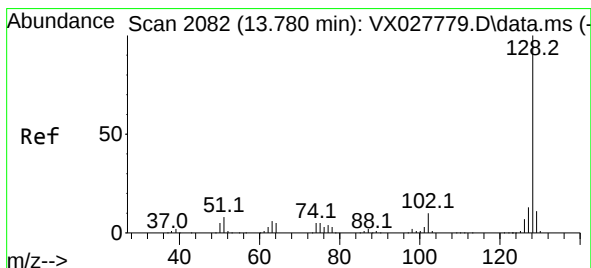
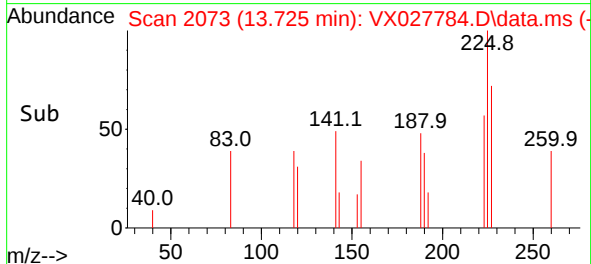
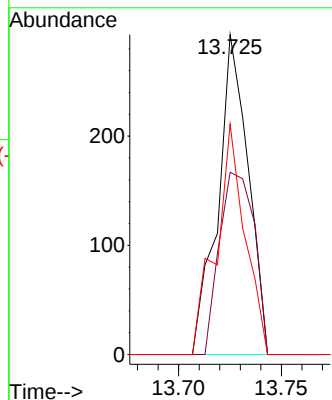
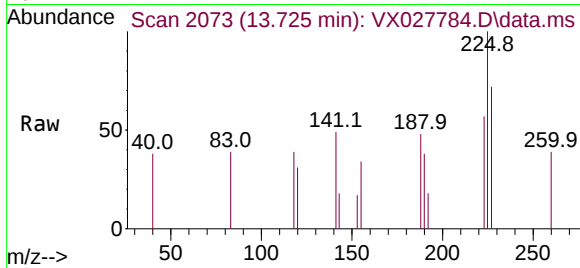




#94
Hexachlorobutadiene
Concen: 1.360 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

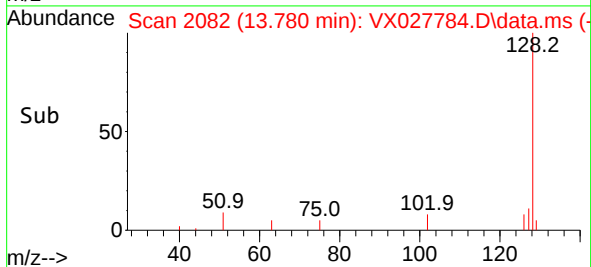
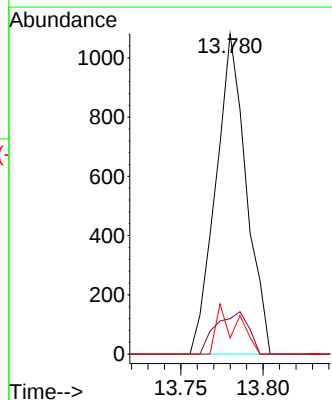
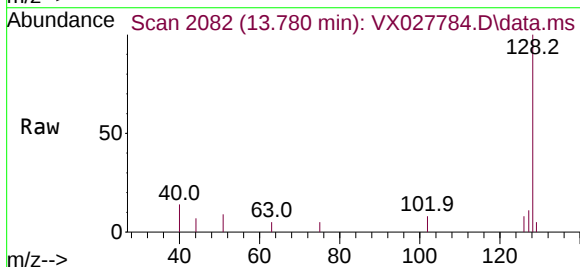
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

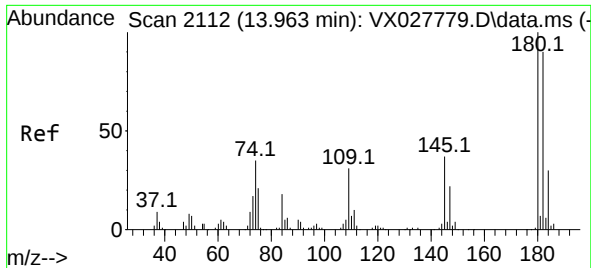
Tgt Ion:225 Resp: 300
Ion Ratio Lower Upper
225 100
223 66.0 34.2 102.5
227 69.0 33.9 101.7



#95
Naphthalene
Concen: 0.326 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027784.D
Acq: 29 Mar 2022 19:08

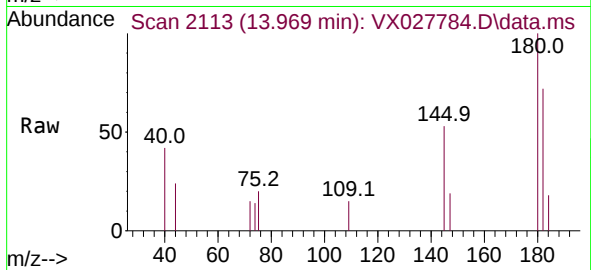
Tgt Ion:128 Resp: 1391
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.372 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX027784.D
 Acq: 29 Mar 2022 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01



Tgt Ion:180 Resp: 445
 Ion Ratio Lower Upper
 180 100
 182 91.0 50.0 149.8
 145 45.6 16.2 48.5

