

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029042.D
 Acq On : 27 May 2022 23:23
 Operator : JC/MD
 Sample : VX0527WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBL02

Quant Time: May 28 08:35:12 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)

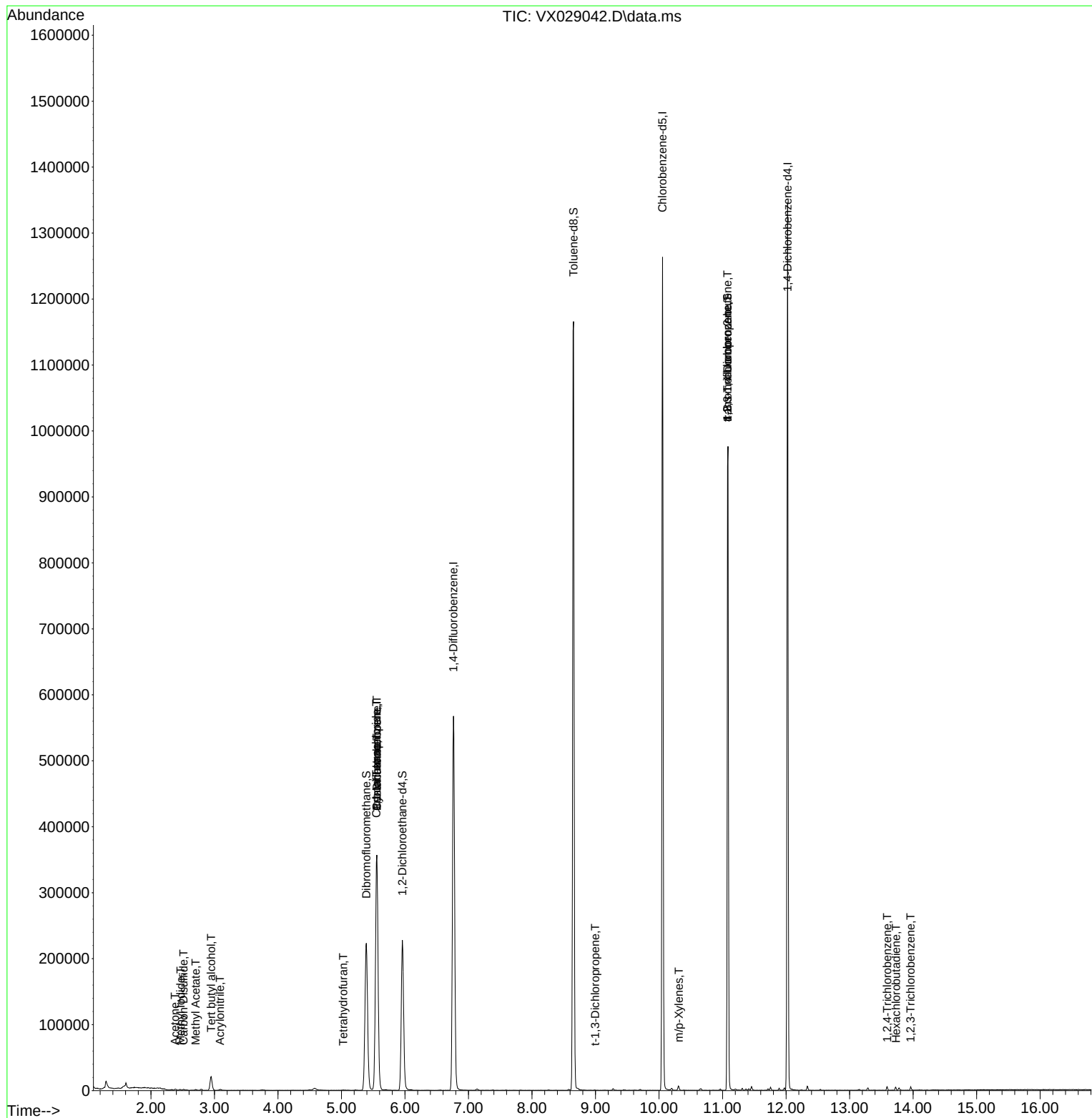
Internal Standards						
1) Pentafluorobenzene	5.556	168	343057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217116	46.170	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.340%
35) Dibromofluoromethane	5.391	113	197674	49.597	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.200%
50) Toluene-d8	8.653	98	715567	47.620	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	278443	49.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1760	Below Cal		91
6) Chloroethane	1.679	64	457	Below Cal		89
10) Methyl Iodide	2.465	142	1290	0.282 ug/l	#	90
11) Tert butyl alcohol	2.947	59	12028	4.208 ug/l	#	74
15) Acrylonitrile	3.087	53	507	0.224 ug/l		93
16) Acetone	2.380	43	1549	0.768 ug/l	#	87
17) Carbon Disulfide	2.514	76	1926	0.209 ug/l	#	93
18) Methyl Acetate	2.703	43	1340	0.265 ug/l		99
29) Tetrahydrofuran	5.025	42	661	0.321 ug/l	#	55
31) Cyclohexane	5.556	56	6531	1.001 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	26063	4.354 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	35399	5.876 ug/l	#	15
53) t-1,3-Dichloropropene	8.994	75	244	1.675 ug/l	#	43
68) m/p-Xylenes	10.311	106	1958	0.230 ug/l		89
76) 1,2,3-Trichloropropane	11.079	75	134006	21.167 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	134006	62.130 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.591	180	1658	0.307 ug/l		91
94) Hexachlorobutadiene	13.731	225	728	0.332 ug/l		94
96) 1,2,3-Trichlorobenzene	13.963	180	1263	0.233 ug/l		86

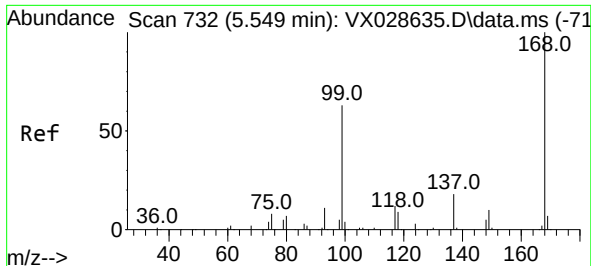
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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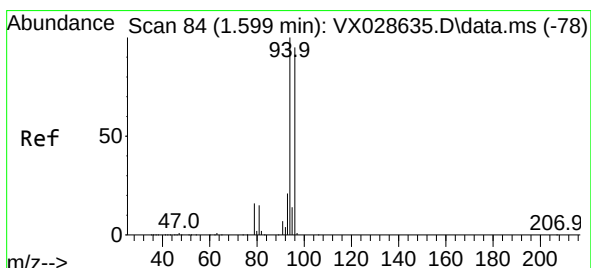
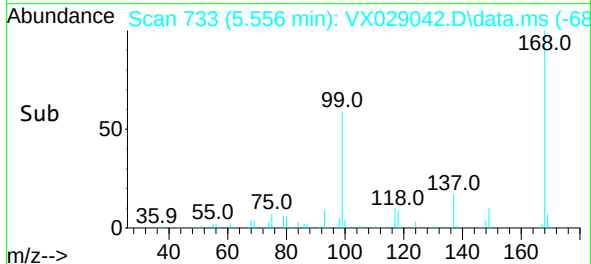
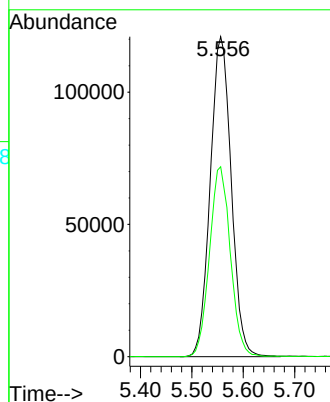
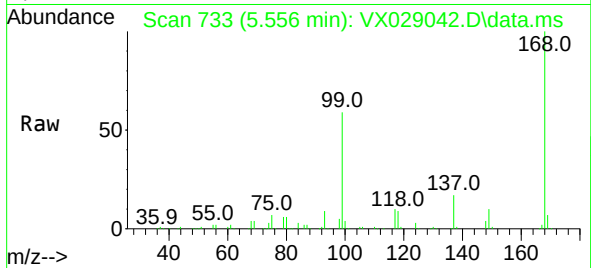




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

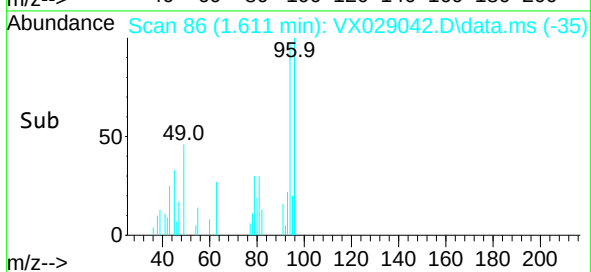
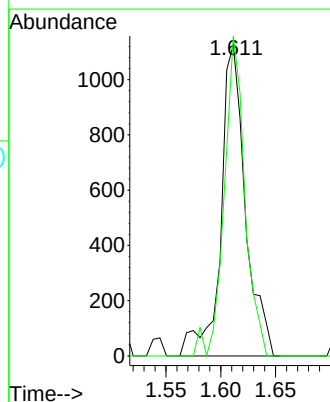
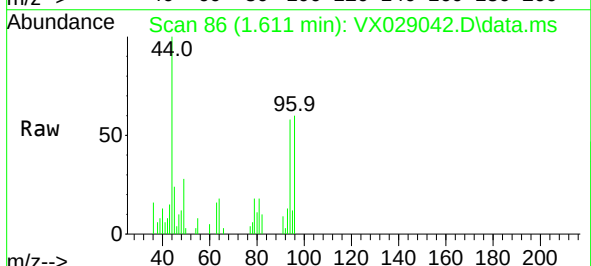
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

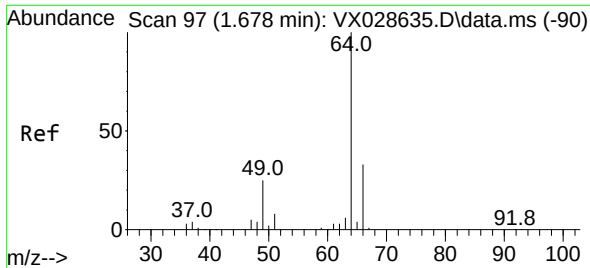
Tgt Ion:168 Resp: 343057
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 94 Resp: 1760
Ion Ratio Lower Upper
94 100
96 102.8 75.3 112.9

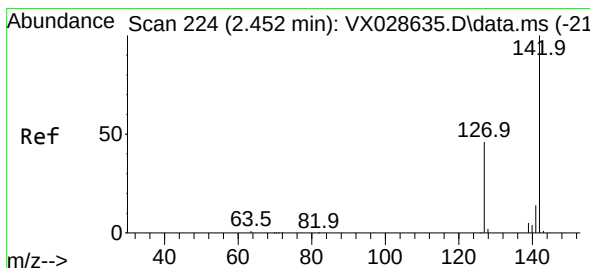
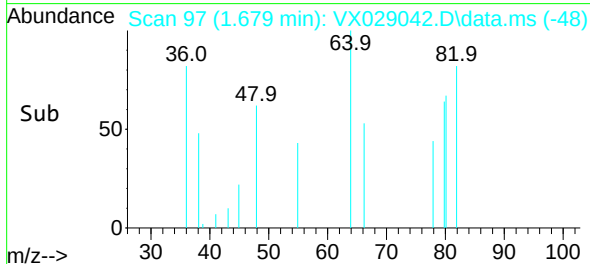
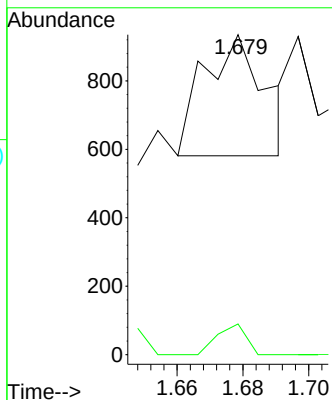
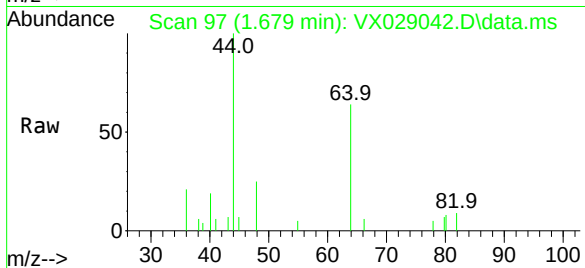




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

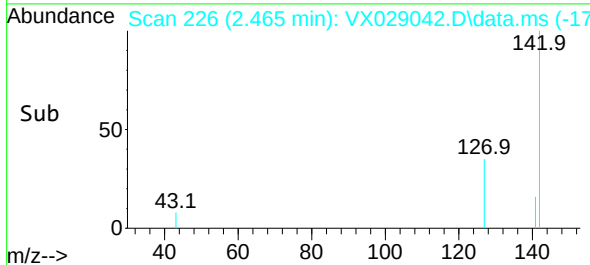
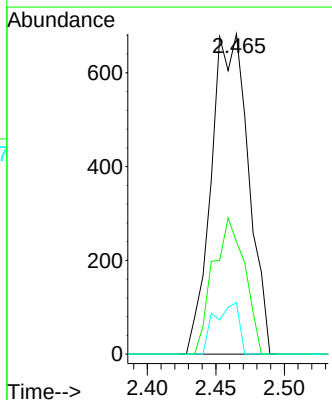
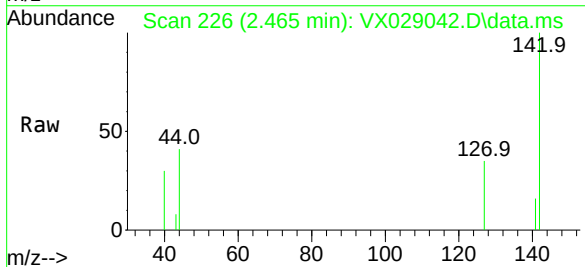
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

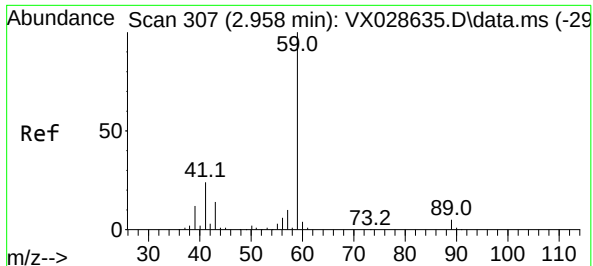
Tgt Ion: 64 Resp: 457
Ion Ratio Lower Upper
64 100
66 25.4 25.3 37.9



#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.013 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 142 Resp: 1290
Ion Ratio Lower Upper
142 100
127 36.1 33.9 50.9
141 10.5 11.4 17.2#





#11

Tert butyl alcohol

Concen: 4.208 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

Instrument :

MSVOA_X

ClientSampleId :

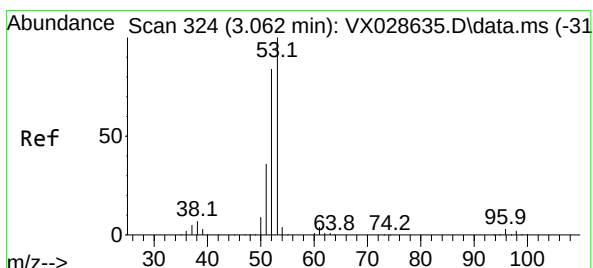
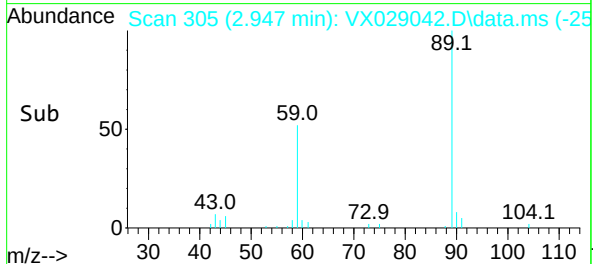
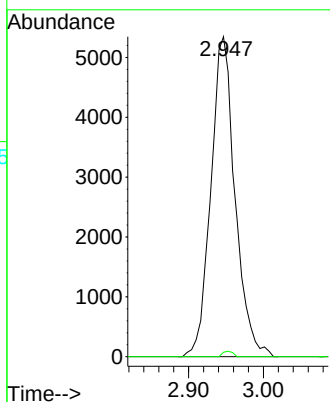
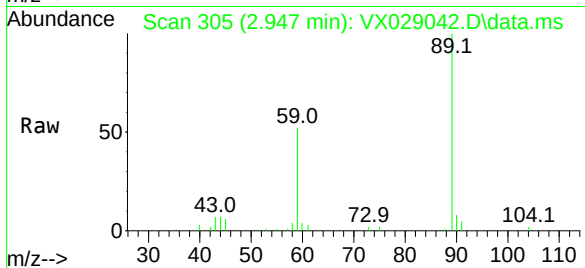
VX0527WBL02

Tgt Ion: 59 Resp: 12028

Ion Ratio Lower Upper

59 100

57 0.7 8.3 12.5#



#15

Acrylonitrile

Concen: 0.224 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.025 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

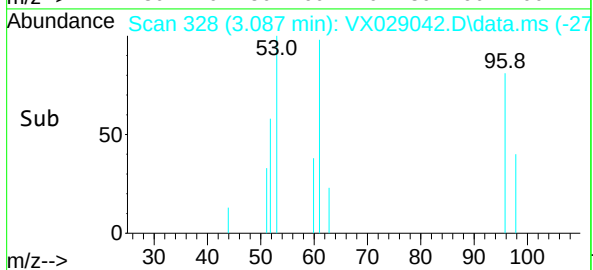
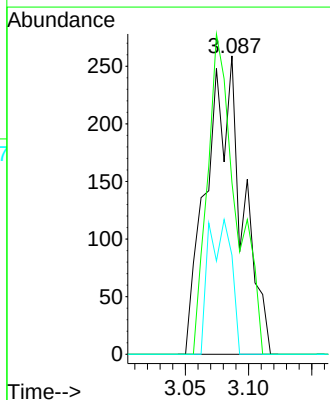
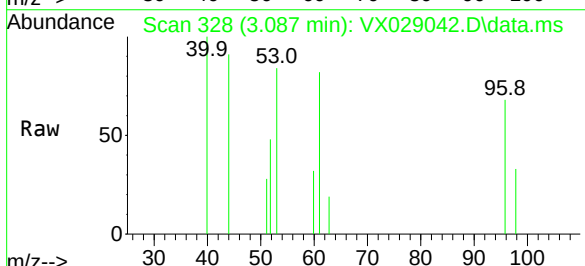
Tgt Ion: 53 Resp: 507

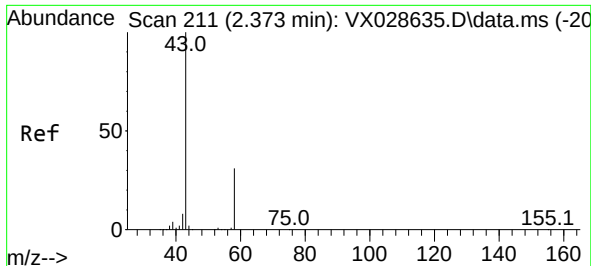
Ion Ratio Lower Upper

53 100

52 86.4 65.7 98.5

51 28.8 28.4 42.6

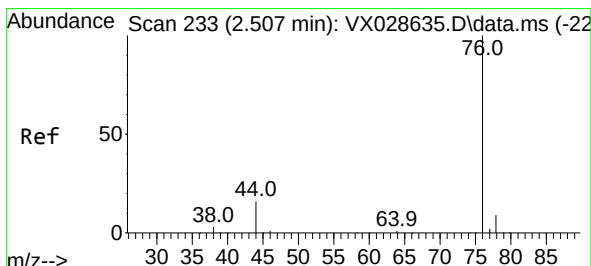
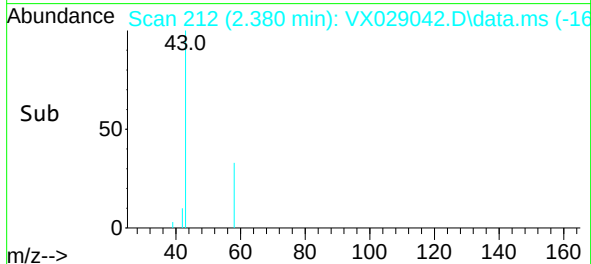
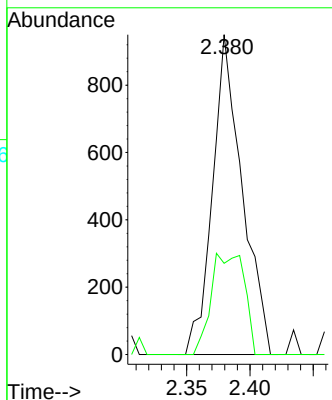
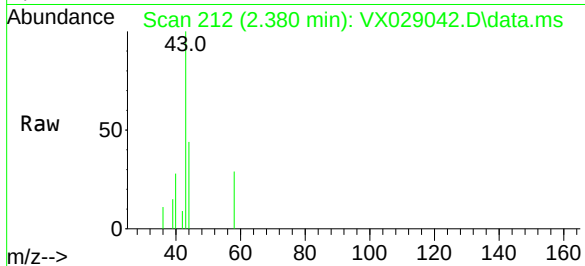




#16
Acetone
Concen: 0.768 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

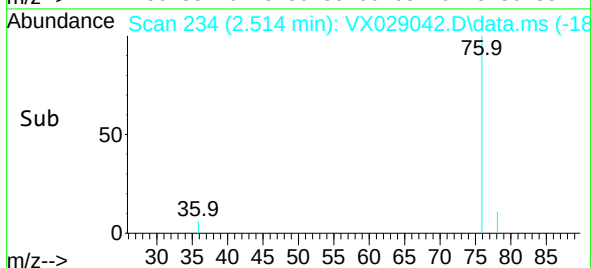
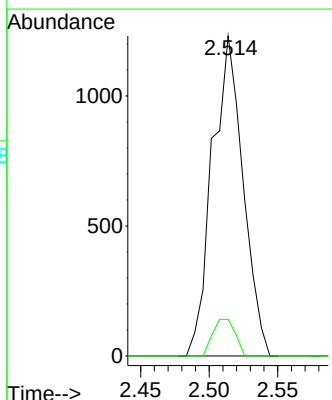
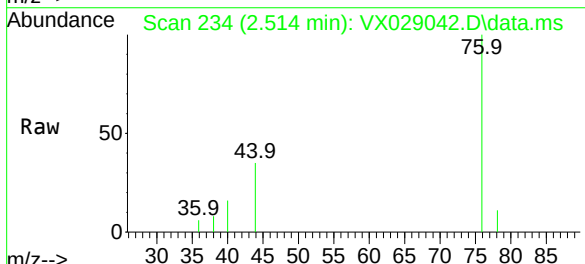
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

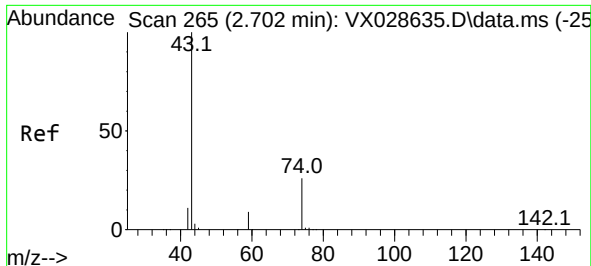
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 28.5 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 76 Resp: 1926
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#





#18

Methyl Acetate

Concen: 0.265 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

Instrument :

MSVOA_X

ClientSampleId :

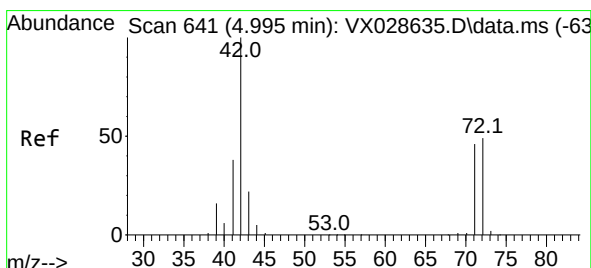
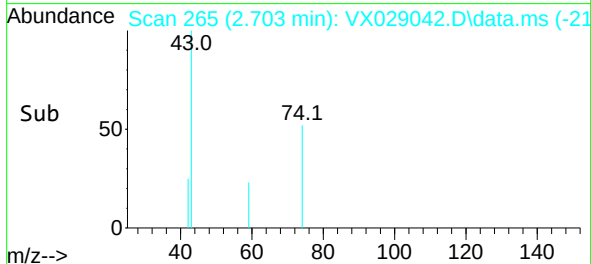
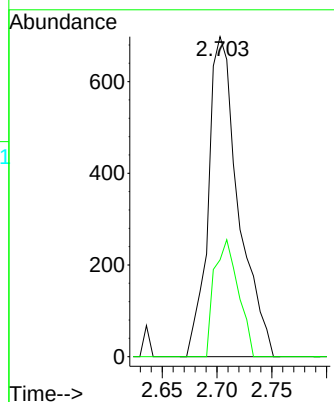
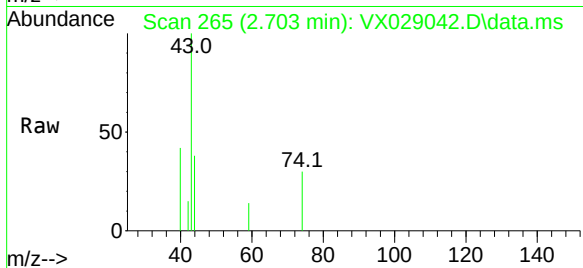
VX0527WBL02

Tgt Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

74 28.9 22.8 34.2



#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.030 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

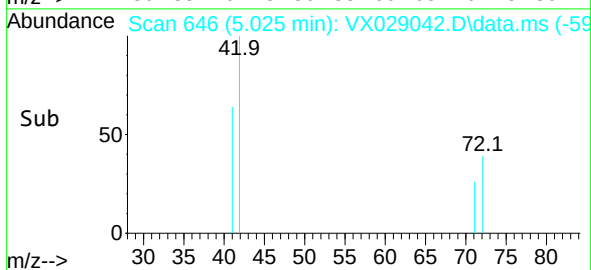
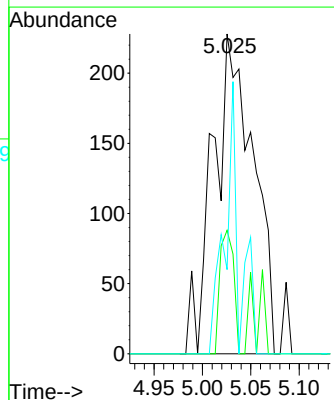
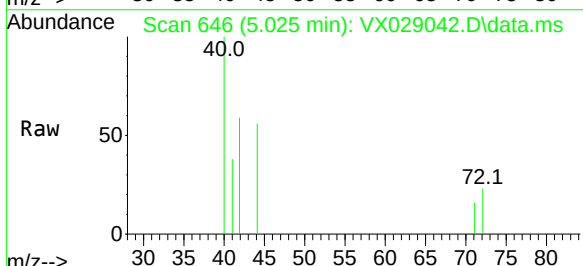
Tgt Ion: 42 Resp: 661

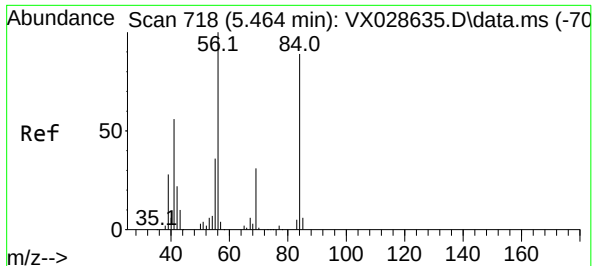
Ion Ratio Lower Upper

42 100

72 13.0 44.1 66.1#

71 30.0 40.5 60.7#

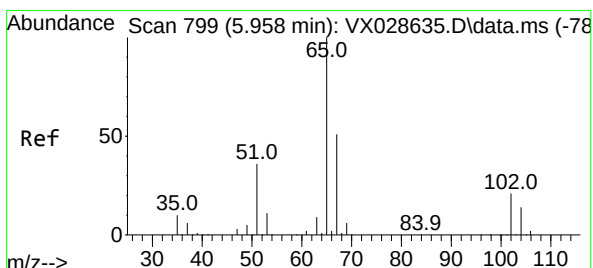
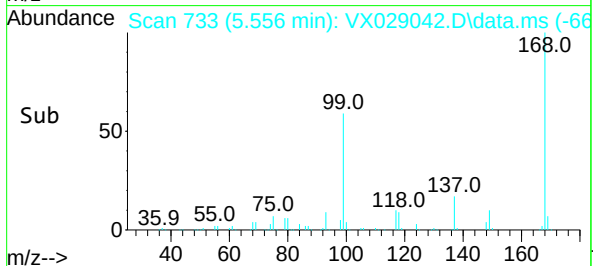
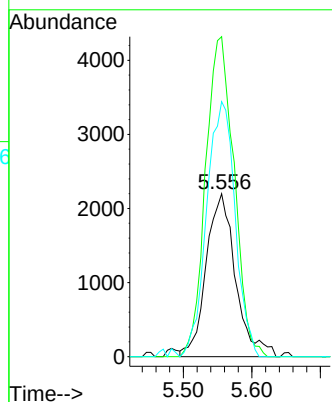
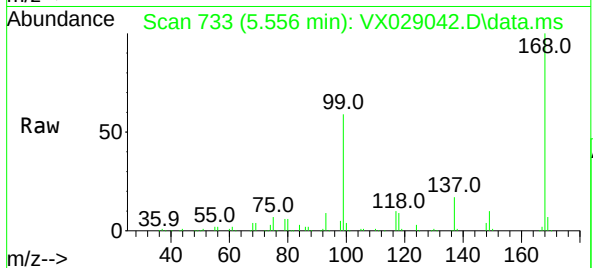




#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

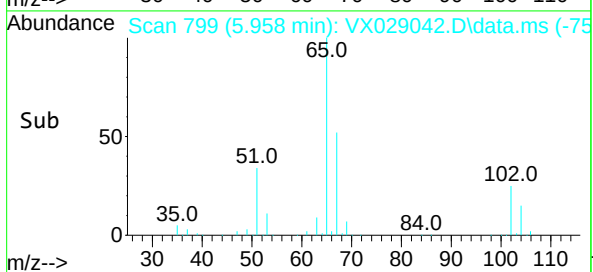
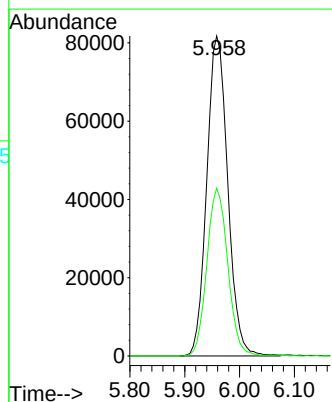
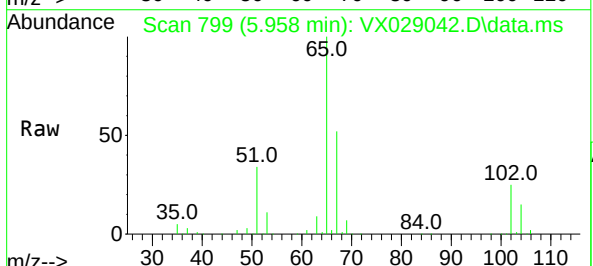
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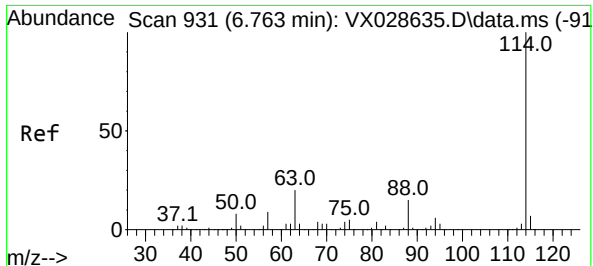
Tgt Ion: 56 Resp: 6531
Ion Ratio Lower Upper
56 100
69 196.5 26.7 40.1#
84 156.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.170 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 65 Resp: 217116
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

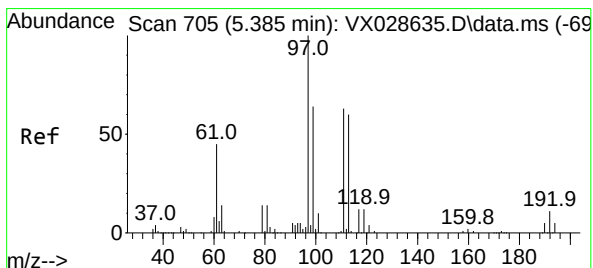
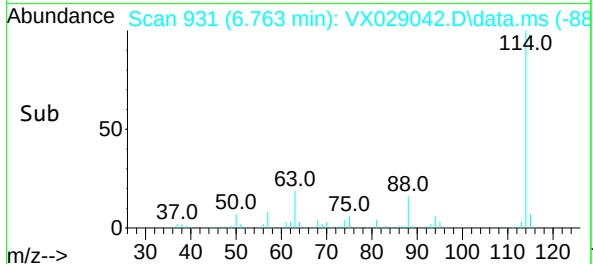
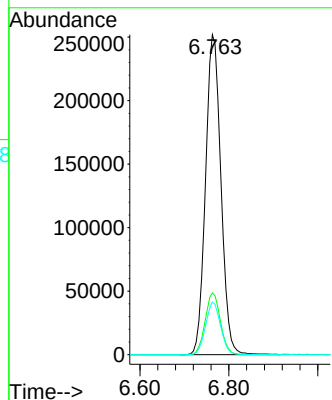
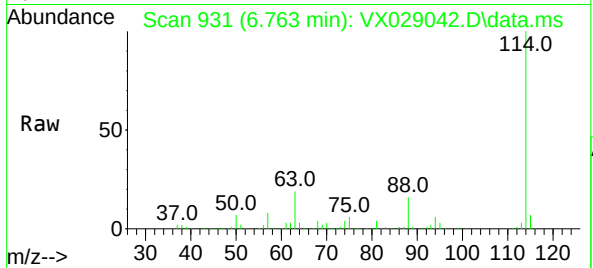




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

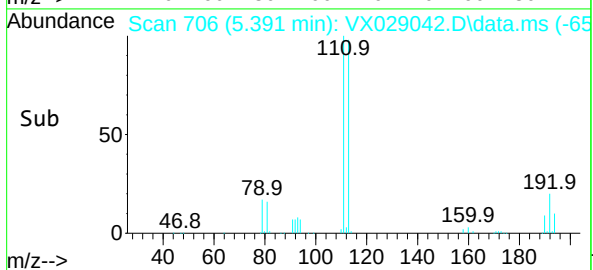
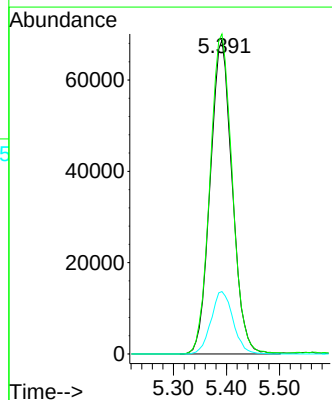
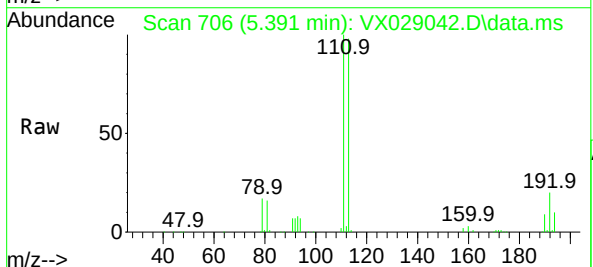
Instrument :
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VX0527WBL02

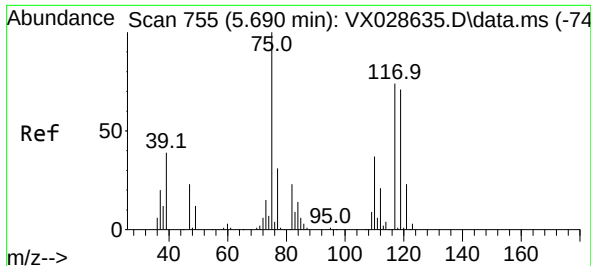
Tgt Ion:114 Resp: 608322
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.597 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion:113 Resp: 197674
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.354 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBL02

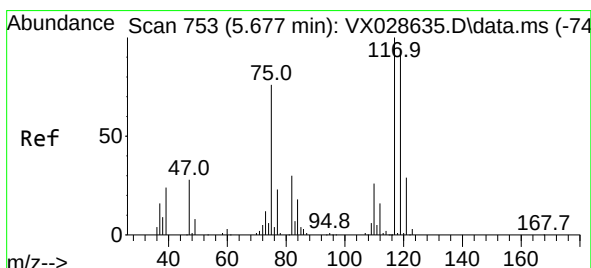
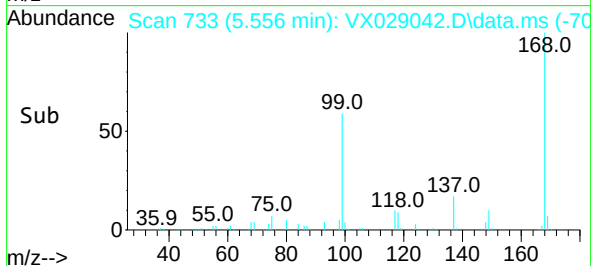
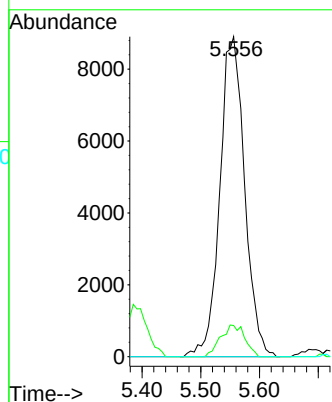
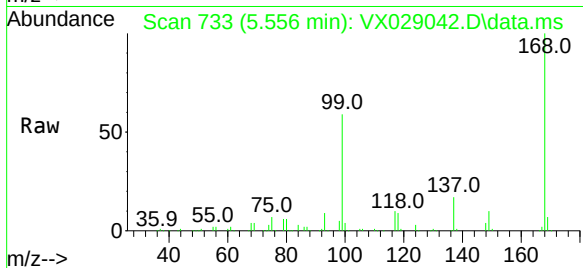
Tgt Ion: 75 Resp: 26063

Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

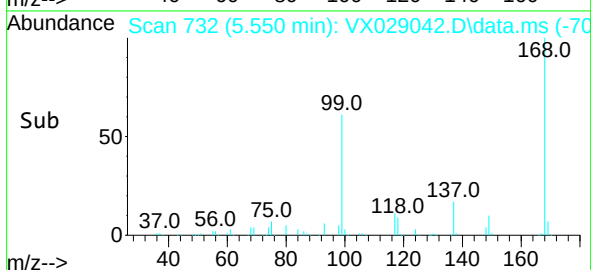
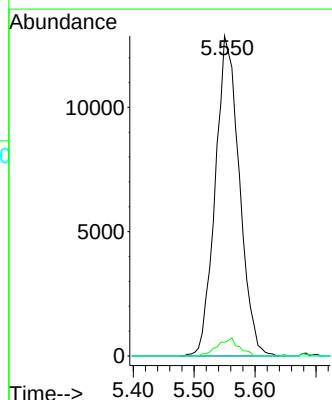
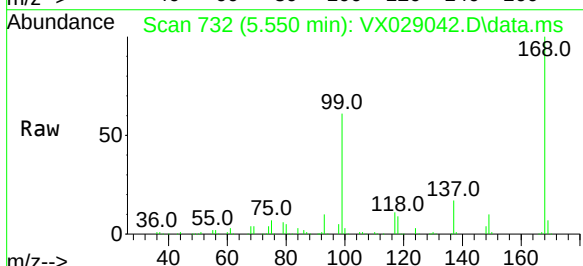
Tgt Ion: 117 Resp: 35399

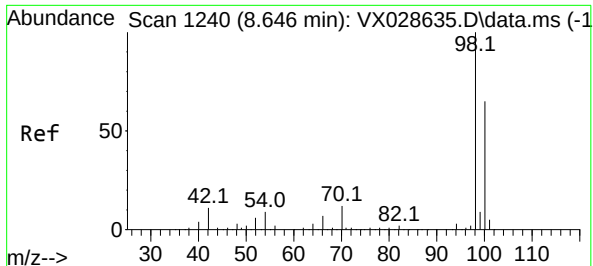
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 24.2 36.2#

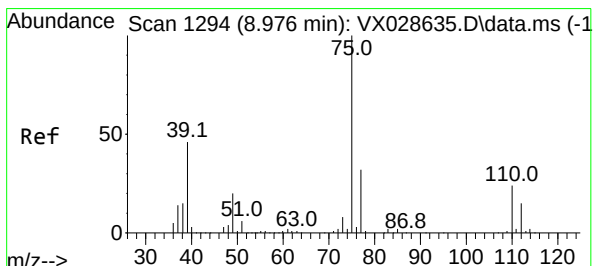
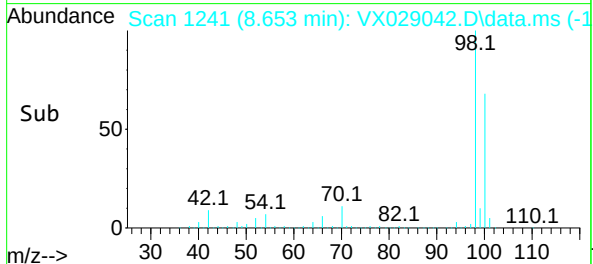
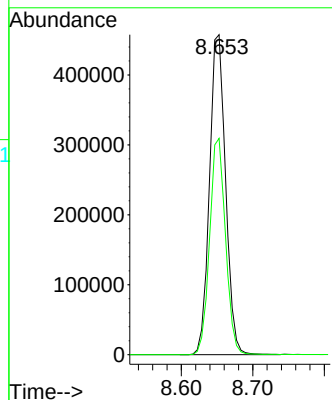
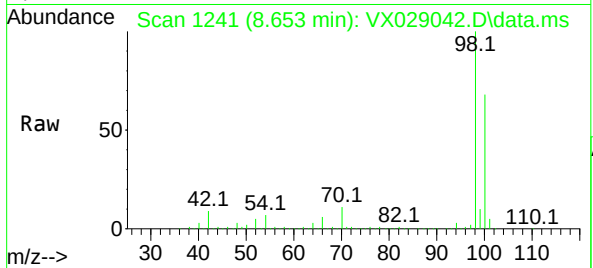




#50
Toluene-d8
Concen: 47.620 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

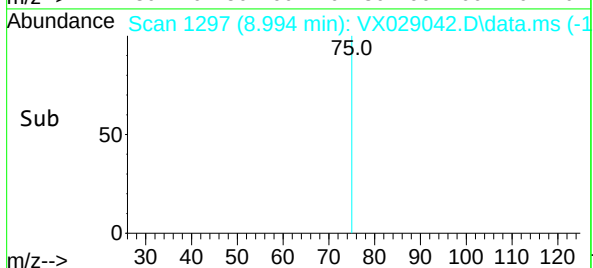
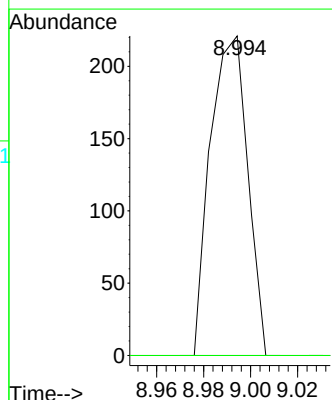
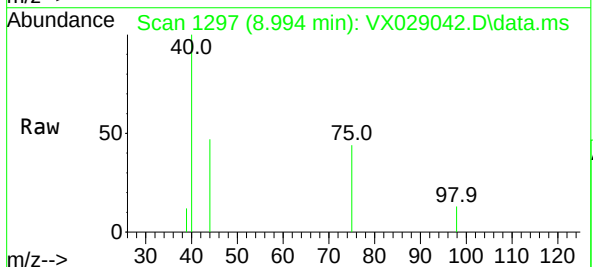
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

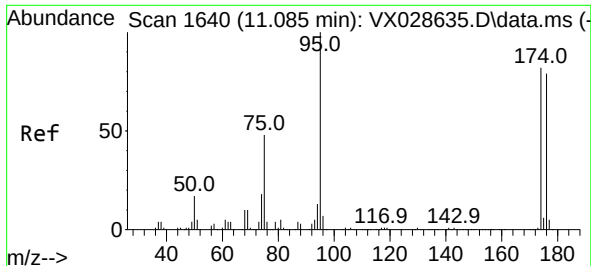
Tgt Ion: 98 Resp: 715567
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.675 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 75 Resp: 244
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

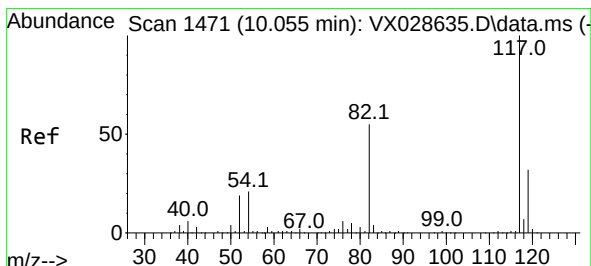
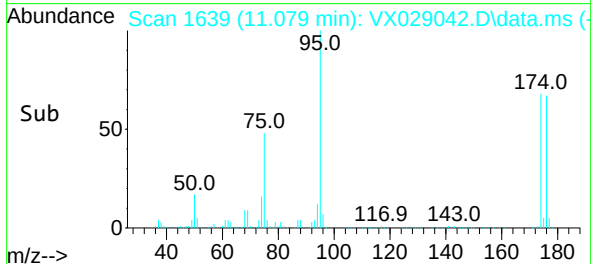
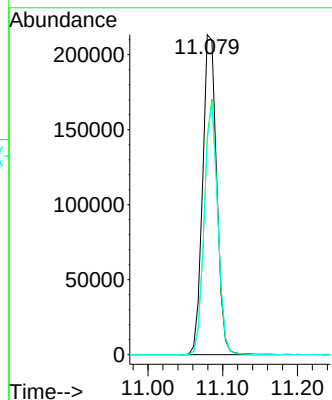
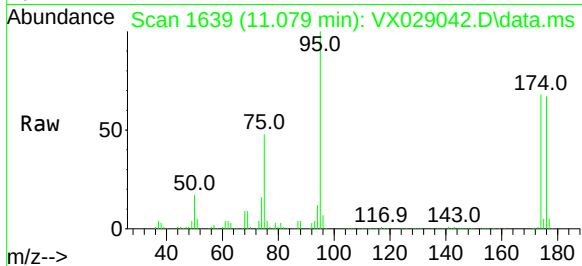




#62
4-Bromofluorobenzene
Concen: 49.611 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

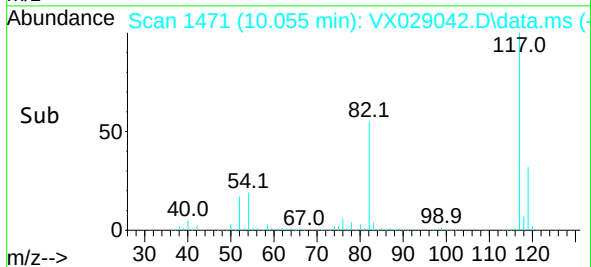
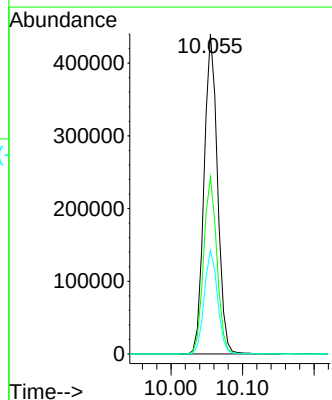
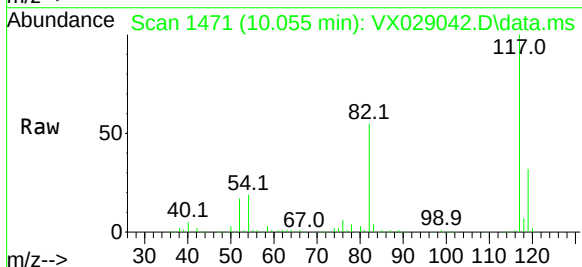
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

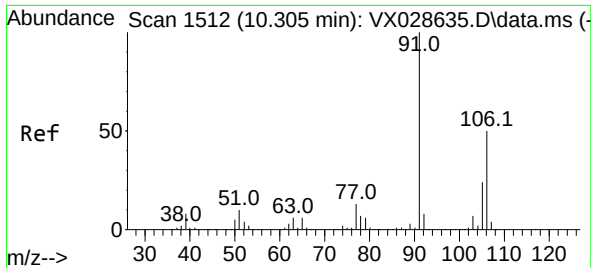
Tgt Ion: 95 Resp: 278443
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 75.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 117 Resp: 574770
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.4 24.8 37.2

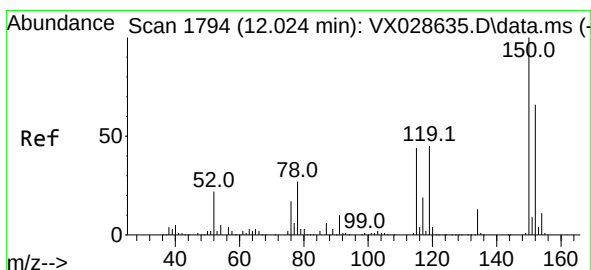
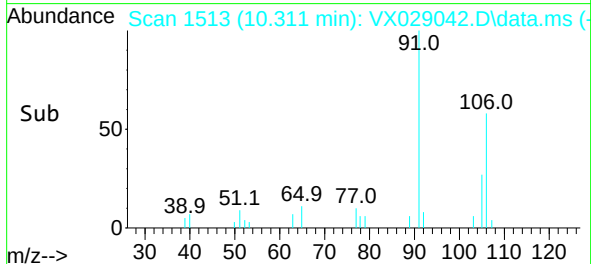
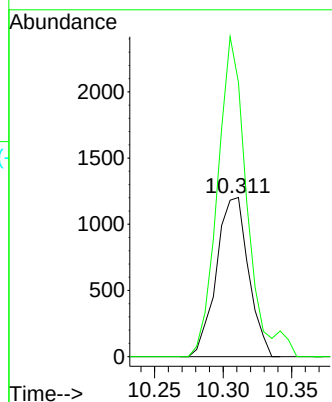
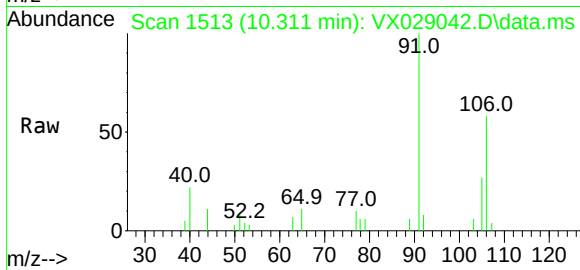




#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

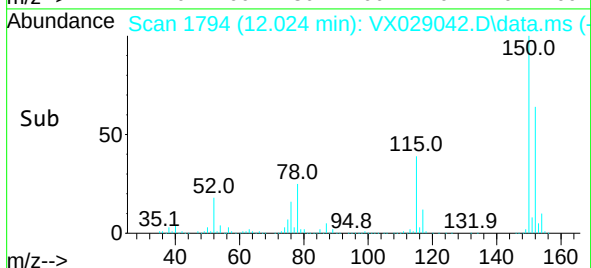
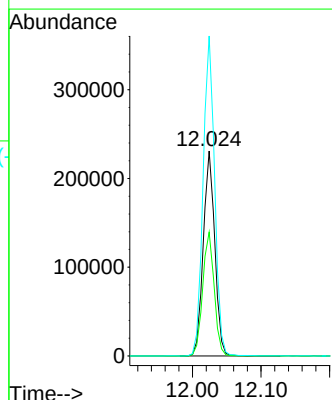
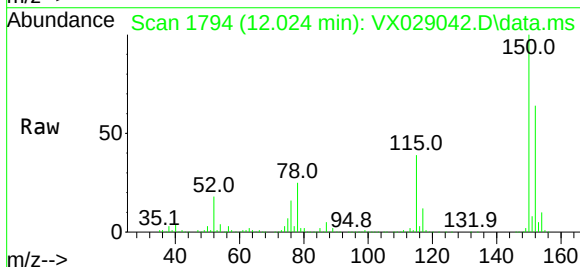
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

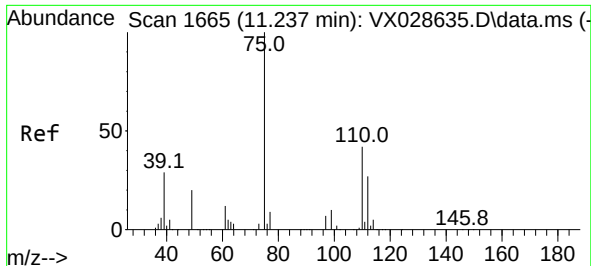
Tgt Ion:106 Resp: 1958
Ion Ratio Lower Upper
106 100
91 183.9 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion:152 Resp: 270326
Ion Ratio Lower Upper
152 100
115 60.5 37.5 112.7
150 156.5 0.0 338.2

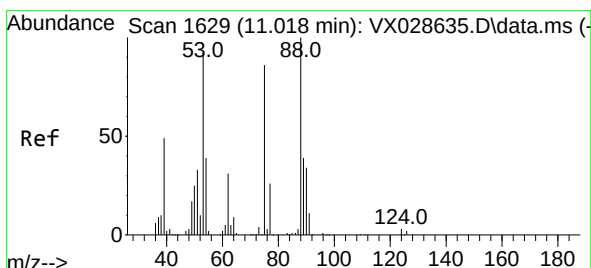
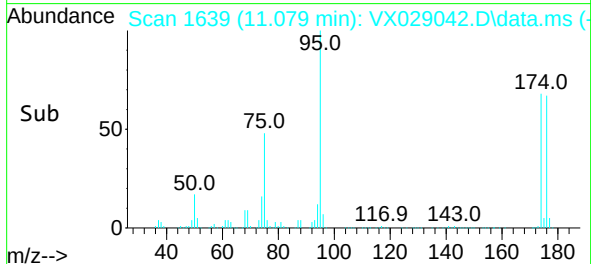
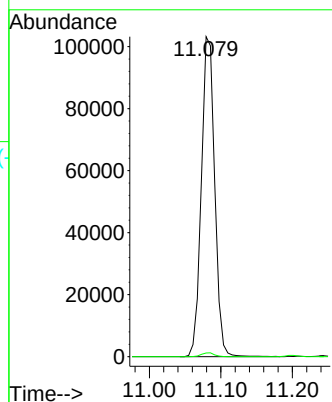
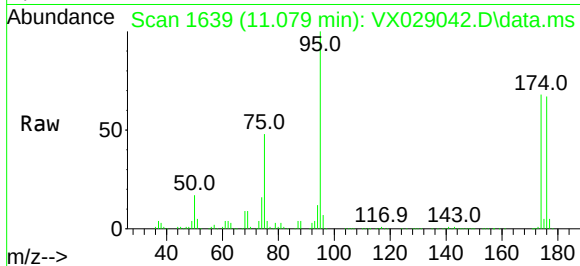




#76
1,2,3-Trichloropropane
Concen: 21.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

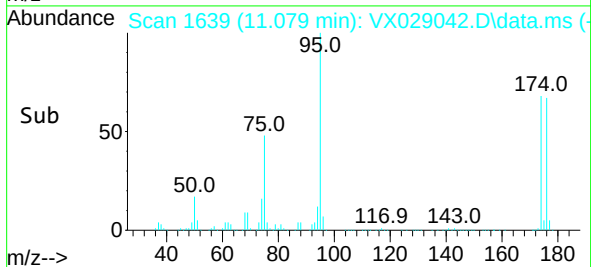
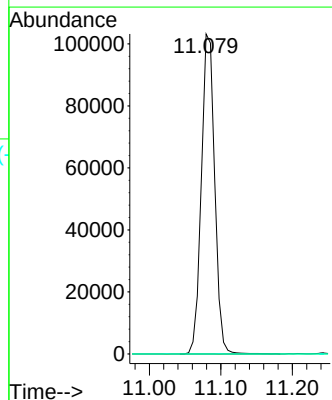
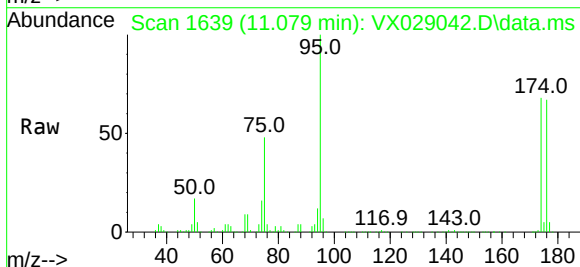
Instrument :
MSVOA_X
ClientSampleId :
VX0527WBL02

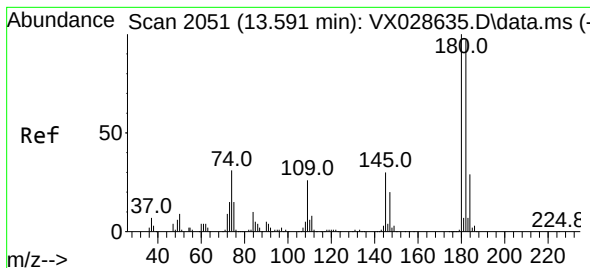
Tgt Ion: 75 Resp: 134006
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029042.D
Acq: 27 May 2022 23:23

Tgt Ion: 75 Resp: 134006
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: 0.307 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBL02

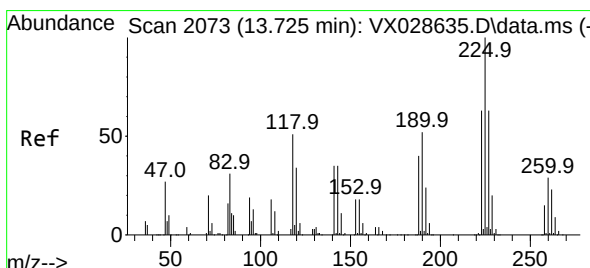
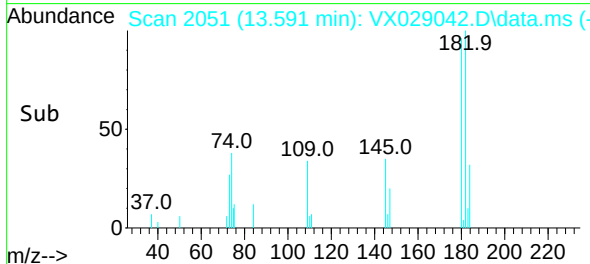
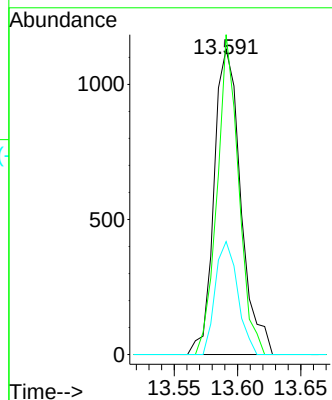
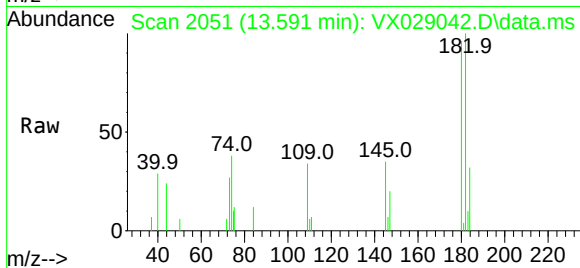
Tgt Ion:180 Resp: 1658

Ion Ratio Lower Upper

180 100

182 84.0 47.7 143.1

145 30.9 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.332 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX029042.D

Acq: 27 May 2022 23:23

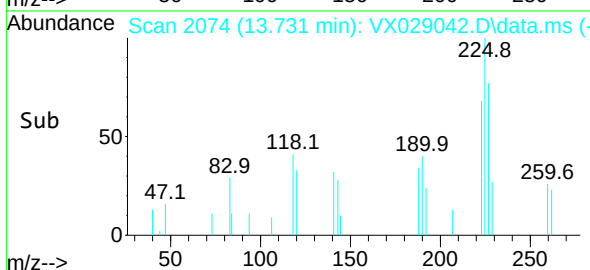
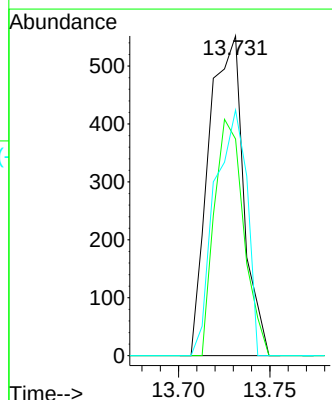
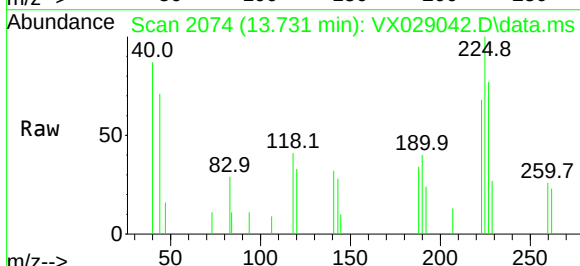
Tgt Ion:225 Resp: 728

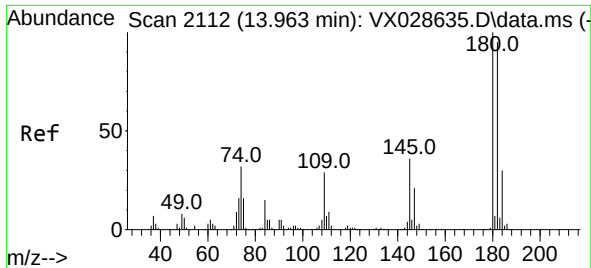
Ion Ratio Lower Upper

225 100

223 62.6 34.2 102.5

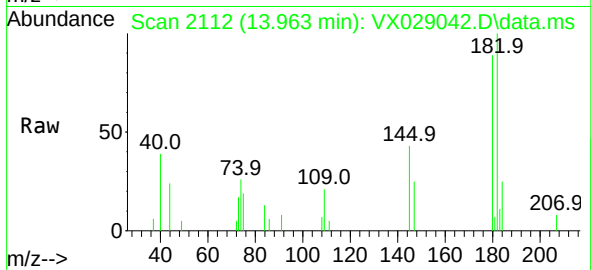
227 71.3 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029042.D
 Acq: 27 May 2022 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBL02



Tgt Ion:	180	Resp:	1263
Ion	Ratio	Lower	Upper
180	100		
182	111.9	50.0	149.8
145	43.2	16.2	48.5

