

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028919.D
 Acq On : 24 May 2022 14:22
 Operator : JC/MD
 Sample : N2958-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20220516

Quant Time: May 25 01:48:54 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

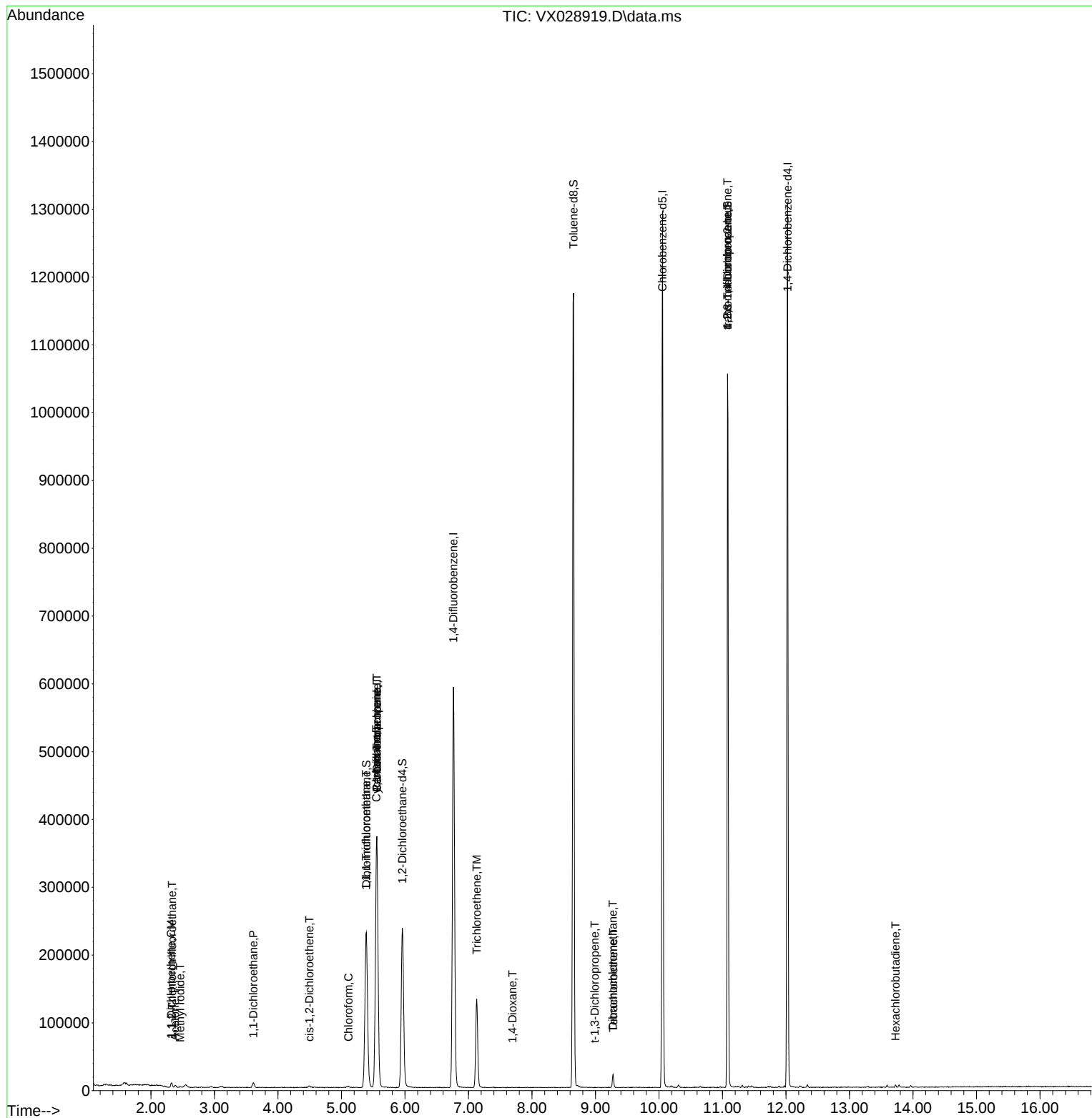
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	346830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	614751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233825	49.182	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.360%
35) Dibromofluoromethane	5.391	113	201340	49.988	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.980%
50) Toluene-d8	8.653	98	724991	47.743	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	282870	49.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1607	Below Cal		90
6) Chloroethane	1.703	64	2566	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	958	0.248	ug/l	97
10) Methyl Iodide	2.459	142	1337	0.289	ug/l	# 97
11) Tert butyl alcohol	2.941	59	969	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	1874	0.522	ug/l	# 87
16) Acetone	2.380	43	3339	1.636	ug/l	94
24) 1,1-Dichloroethane	3.611	63	7694	1.076	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	1511	0.320	ug/l	93
30) Chloroform	5.111	83	2477	0.320	ug/l	95
31) Cyclohexane	5.550	56	6992	1.060	ug/l	# 1
32) 1,1,1-Trichloroethane	5.385	97	1448	0.214	ug/l	# 46
36) 1,1-Dichloropropene	5.556	75	27335	4.518	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	36536	6.001	ug/l	# 16
44) Trichloroethene	7.129	130	52089	11.047	ug/l	98
49) 1,4-Dioxane	7.690	88	58	0.486	ug/l	# 14
53) t-1,3-Dichloropropene	8.988	75	126	1.658	ug/l	# 43
60) Dibromochloromethane	9.275	129	3388	0.762	ug/l	# 9
64) Tetrachloroethene	9.281	164	3677	0.838	ug/l	# 87
76) 1,2,3-Trichloropropane	11.079	75	143957	22.543	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	143957	65.916	ug/l	# 15
94) Hexachlorobutadiene	13.725	225	548	0.248	ug/l	91

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

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Quant Title : SW846 8260
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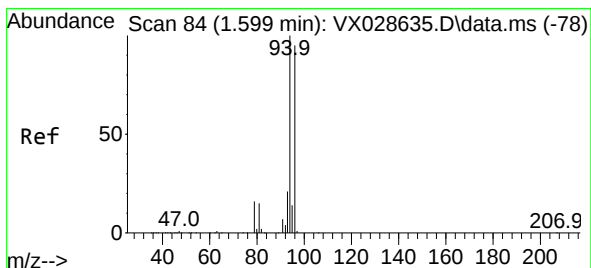
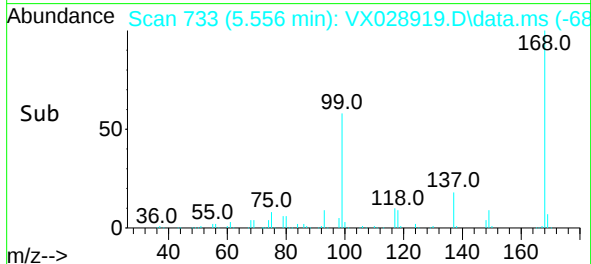
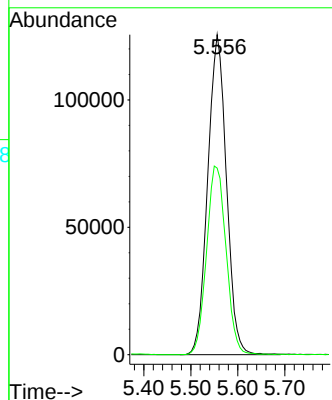
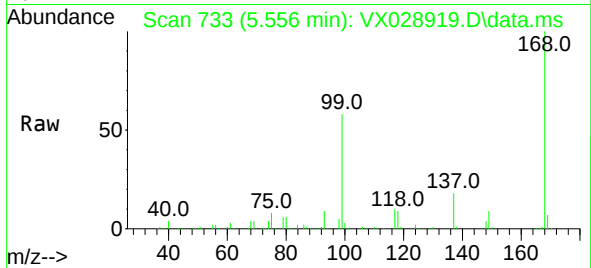




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

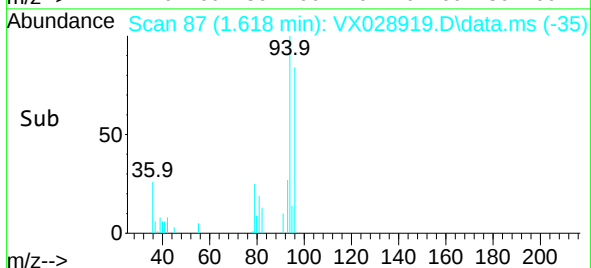
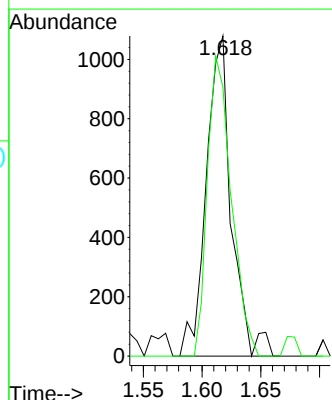
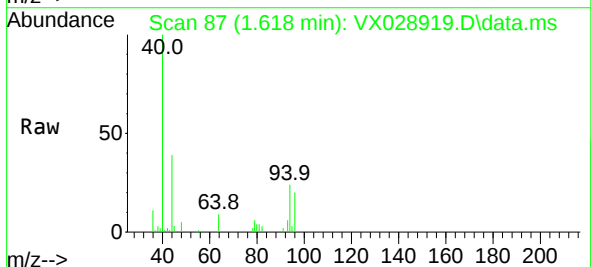
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

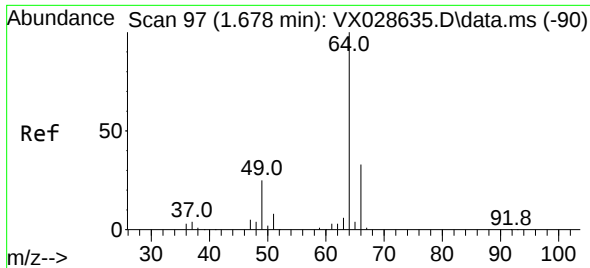
Tgt Ion:168 Resp: 346830
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 94 Resp: 1607
Ion Ratio Lower Upper
94 100
96 84.0 75.3 112.9

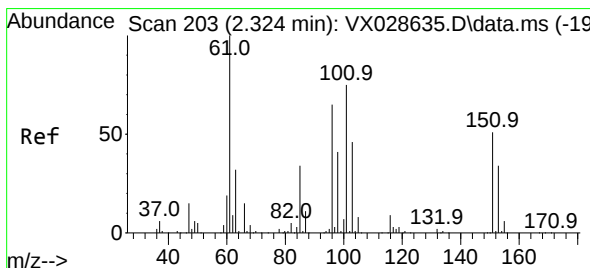
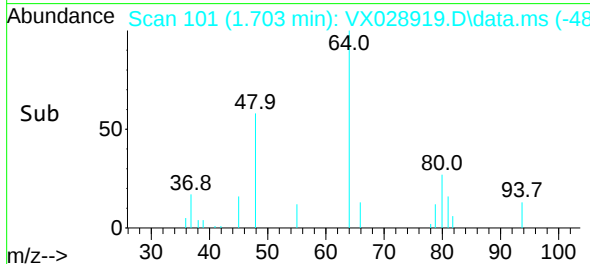
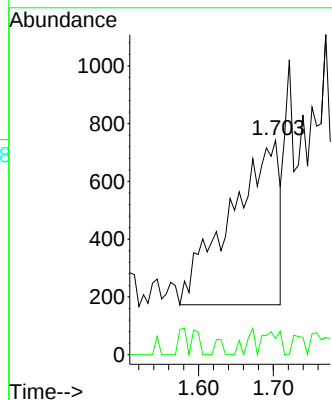
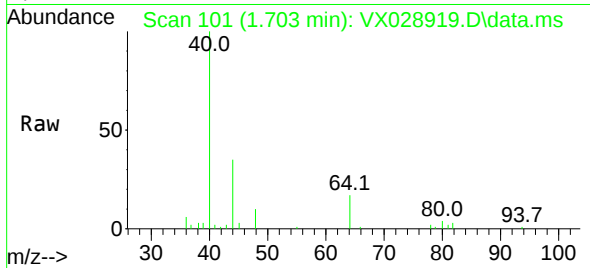




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

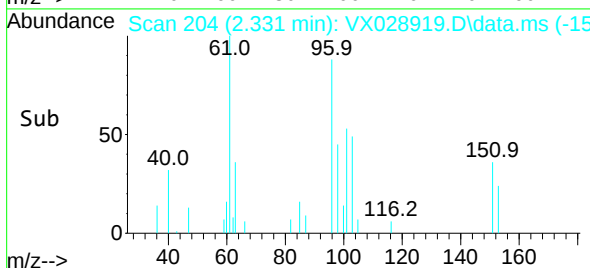
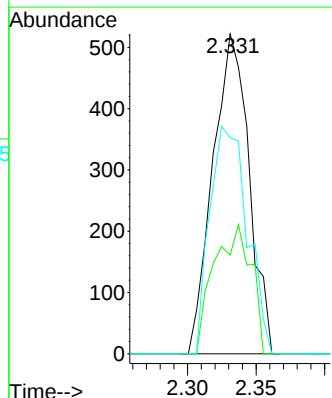
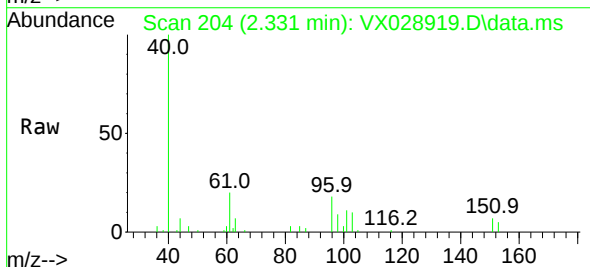
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

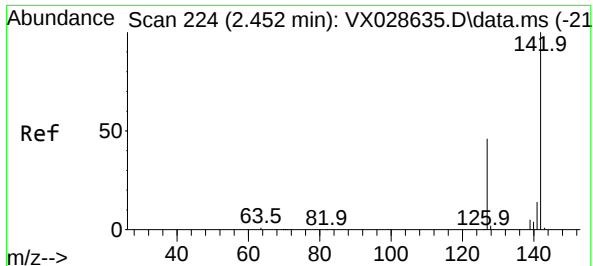
Tgt Ion: 64 Resp: 2566
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.248 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

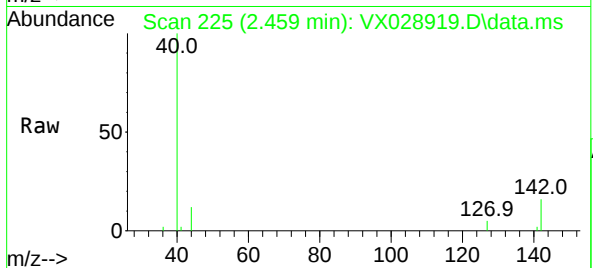
Tgt Ion: 101 Resp: 958
Ion Ratio Lower Upper
101 100
85 41.5 33.5 50.3
151 73.8 61.8 92.6



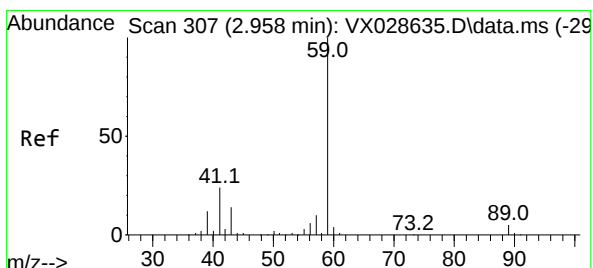
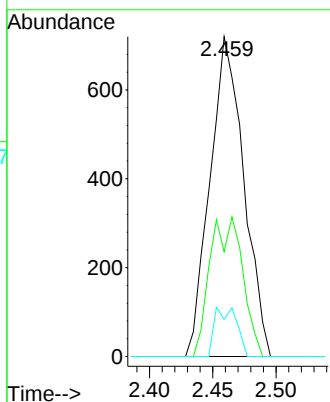
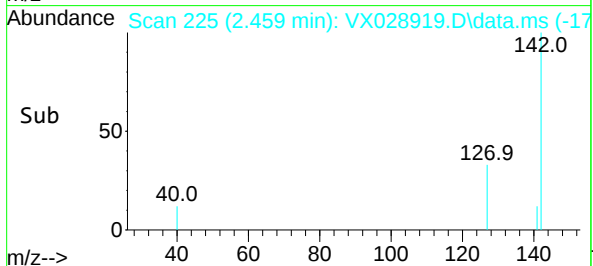


#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

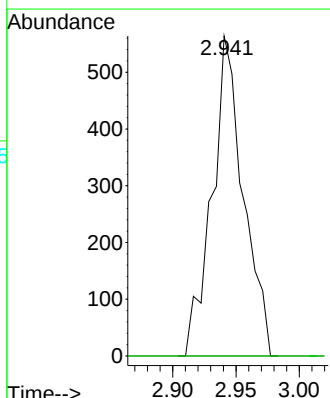
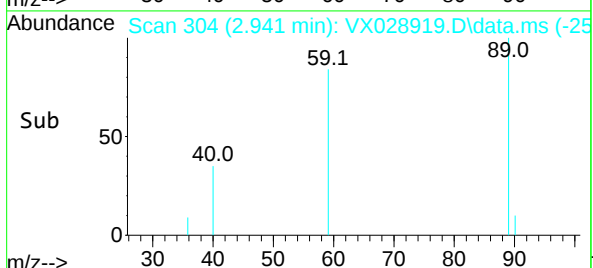
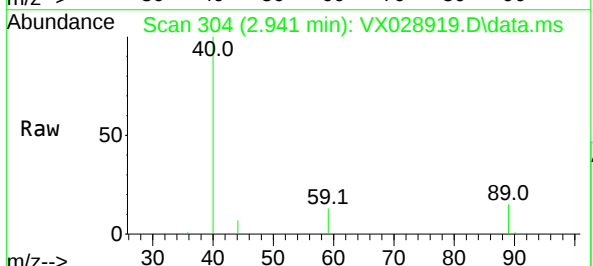


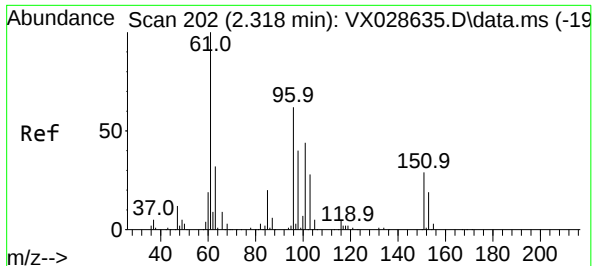
Tgt Ion:142 Resp: 1337
Ion Ratio Lower Upper
142 100
127 42.0 33.9 50.9
141 9.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 59 Resp: 969
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

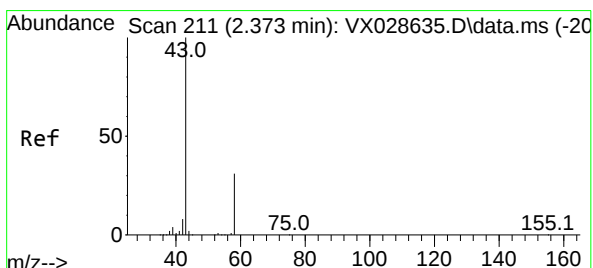
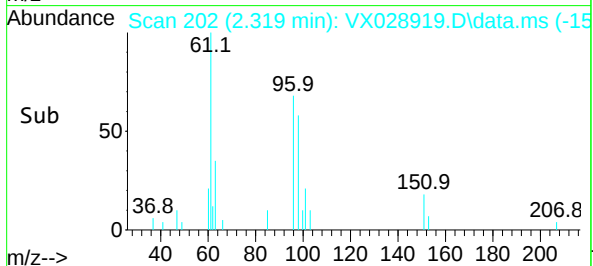
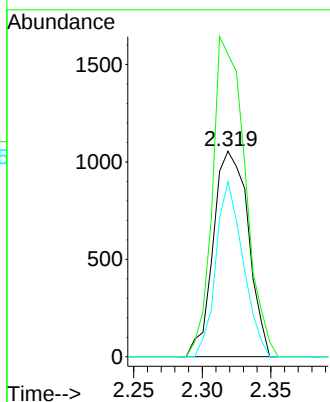
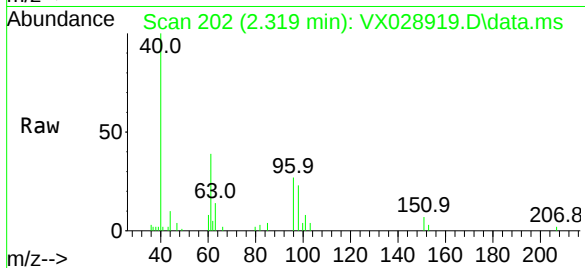




#12
1,1-Dichloroethene
Concen: 0.522 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

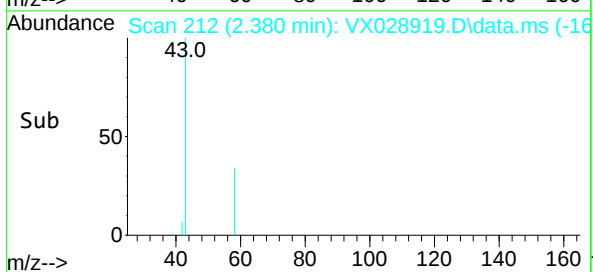
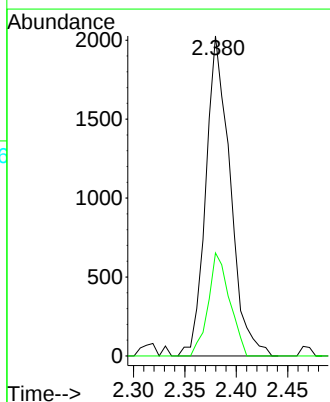
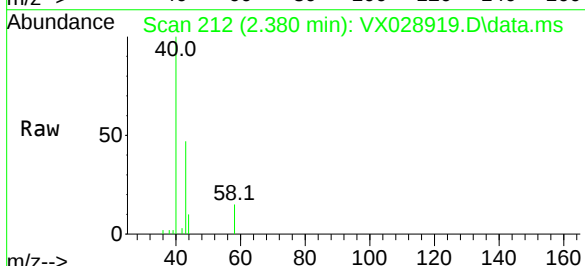
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

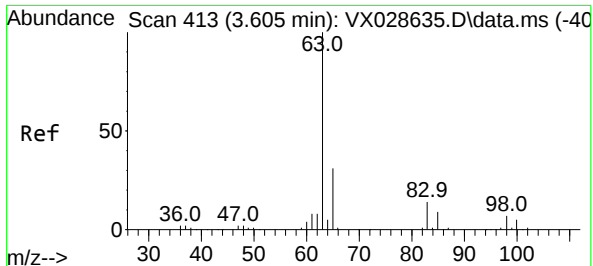
Tgt Ion: 96 Resp: 1874
Ion Ratio Lower Upper
96 100
61 147.2 124.6 187.0
98 85.1 51.0 76.4#



#16
Acetone
Concen: 1.636 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 32.2 28.8 43.2

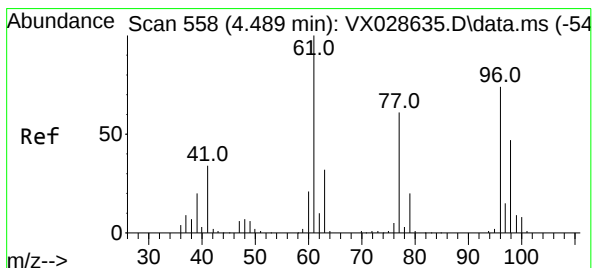
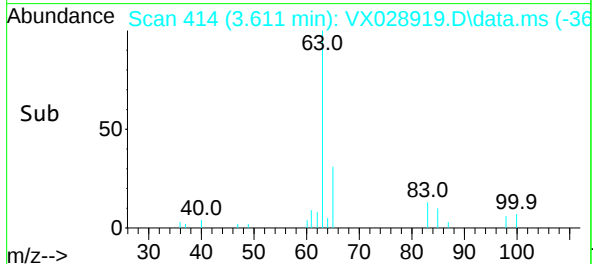
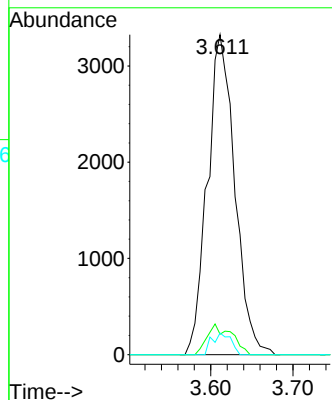
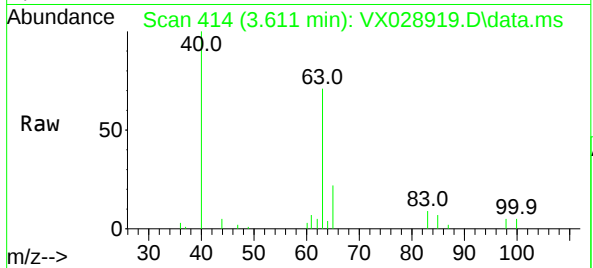




#24
 1,1-Dichloroethane
 Concen: 1.076 ug/l
 RT: 3.611 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX028919.D
 Acq: 24 May 2022 14:22

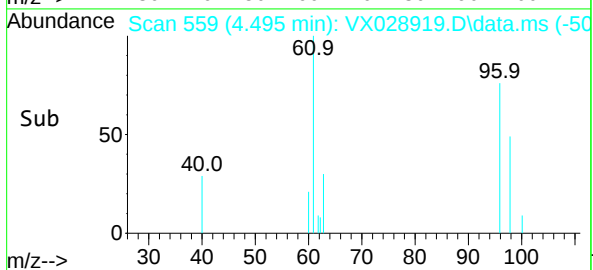
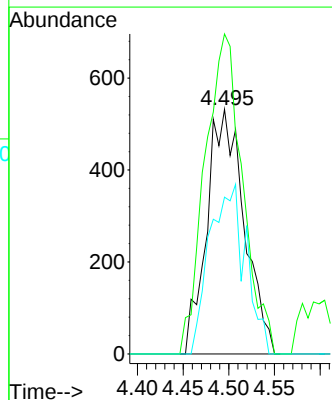
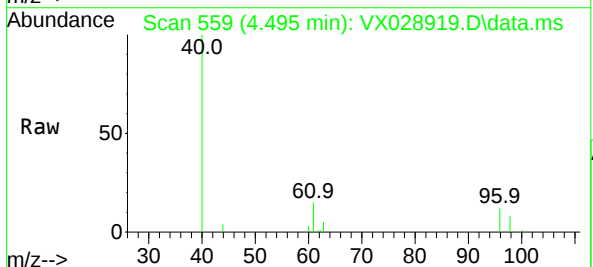
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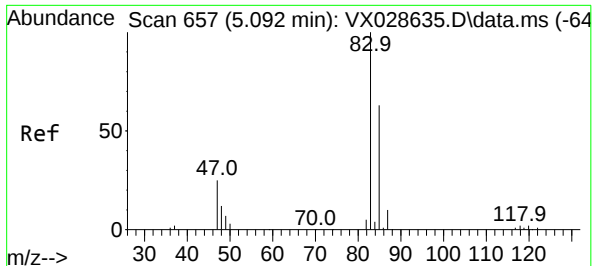
Tgt Ion: 63 Resp: 7694
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 6.8 2.4 7.2



#27
 cis-1,2-Dichloroethene
 Concen: 0.320 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX028919.D
 Acq: 24 May 2022 14:22

Tgt Ion: 96 Resp: 1511
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 283.8
 98 67.3 0.0 129.8





#30

Chloroform

Concen: 0.320 ug/l

RT: 5.111 min Scan# 60

Delta R.T. 0.019 min

Lab File: VX028919.D

Acq: 24 May 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

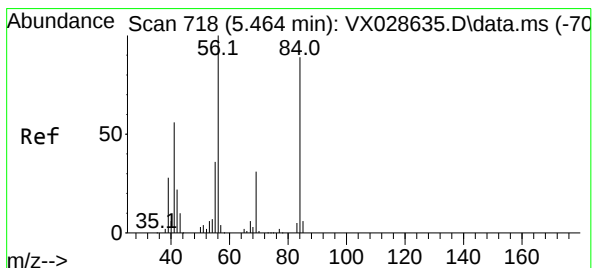
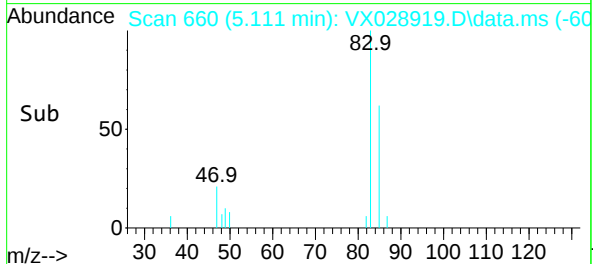
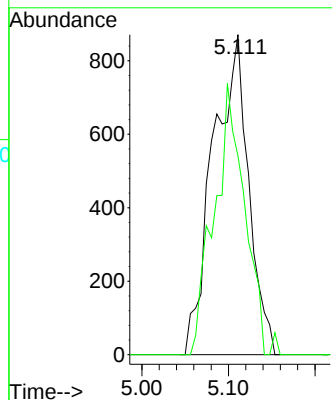
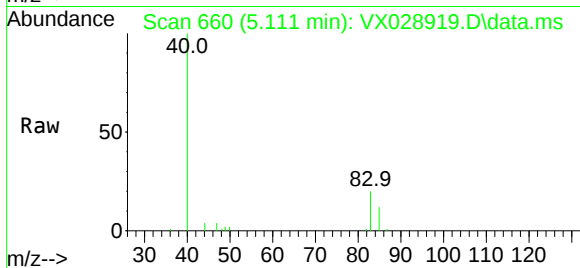
TT162S1-20220516

Tgt Ion: 83 Resp: 2477

Ion Ratio Lower Upper

83 100

85 62.1 52.7 79.1



#31

Cyclohexane

Concen: 1.060 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028919.D

Acq: 24 May 2022 14:22

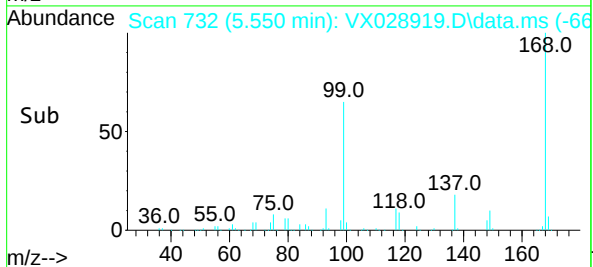
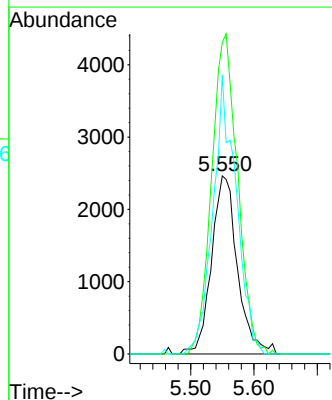
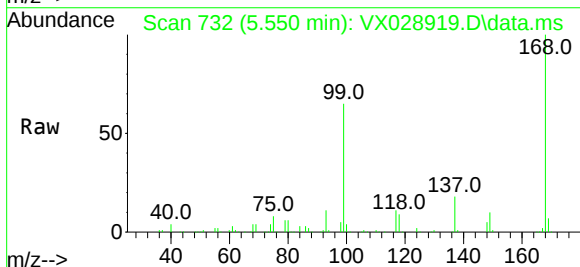
Tgt Ion: 56 Resp: 6992

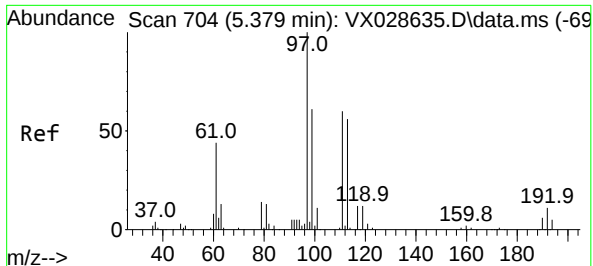
Ion Ratio Lower Upper

56 100

69 174.9 26.7 40.1#

84 156.7 77.2 115.8#

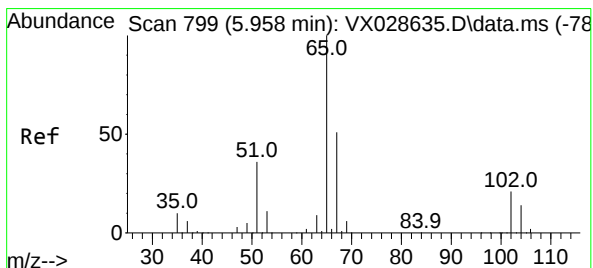
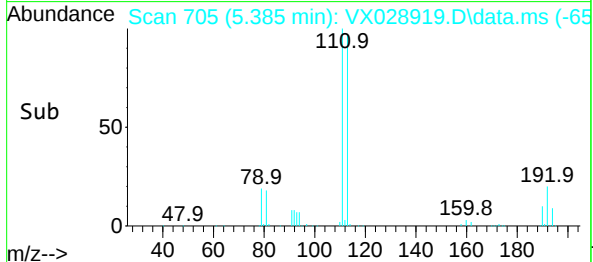
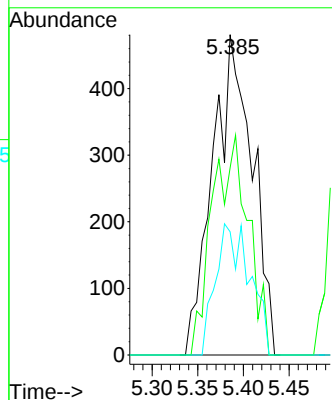
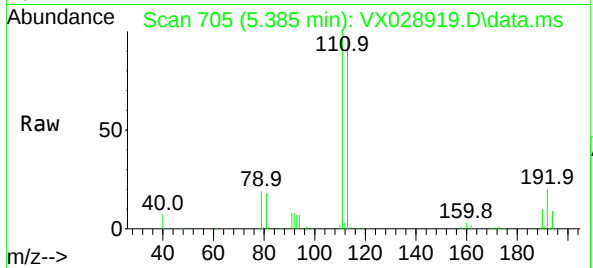




#32
1,1,1-Trichloroethane
Concen: 0.214 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

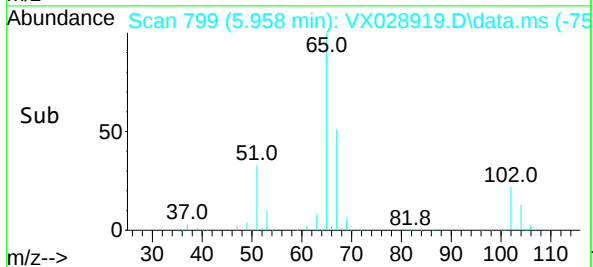
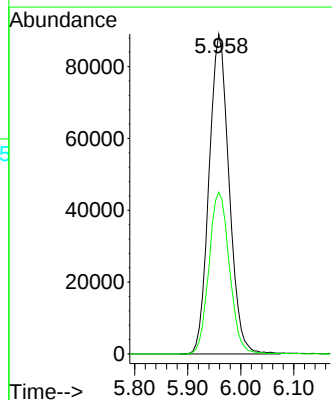
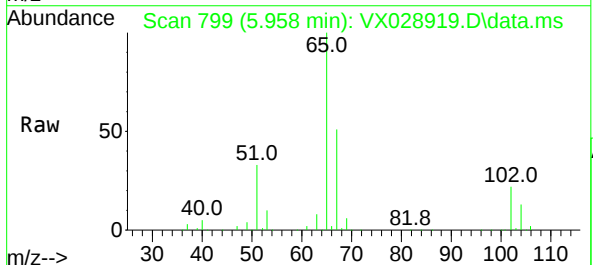
Instrument :
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TT162S1-20220516

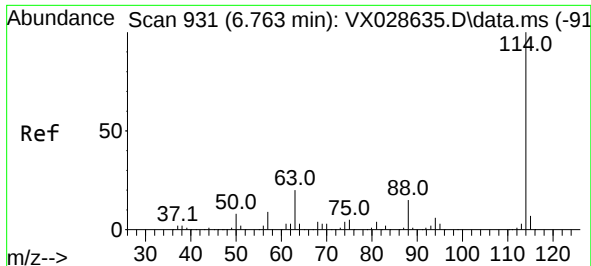
Tgt Ion: 97 Resp: 1448
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 35.5 34.0 51.0



#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 65 Resp: 233825
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

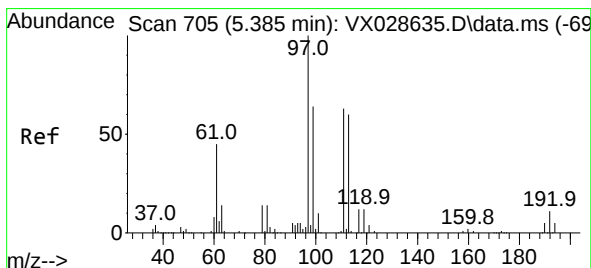
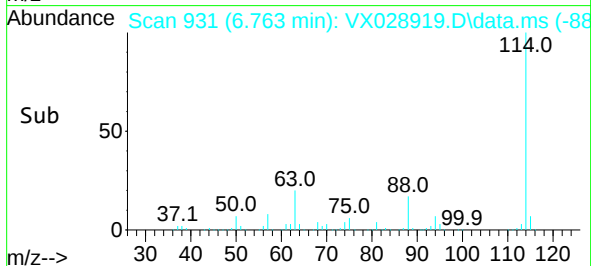
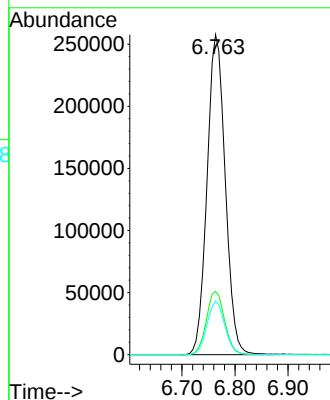
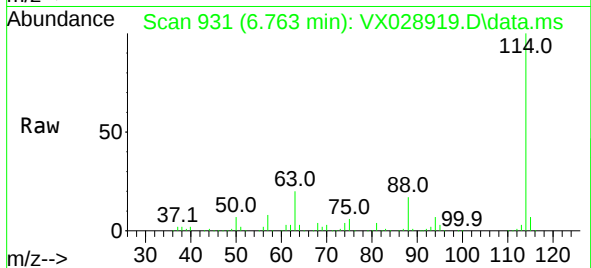




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

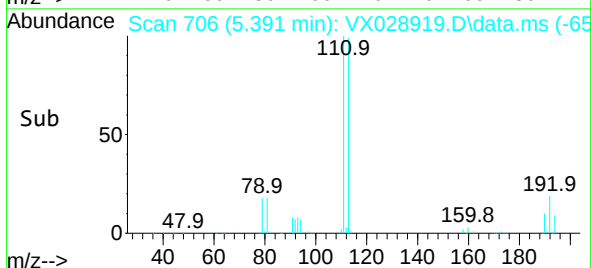
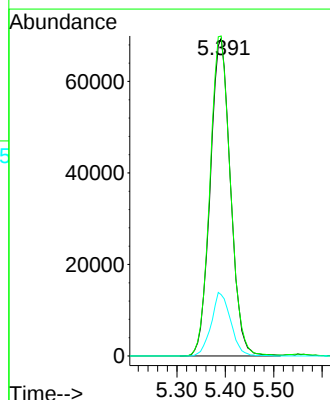
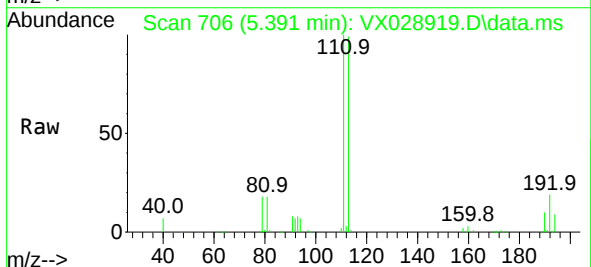
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

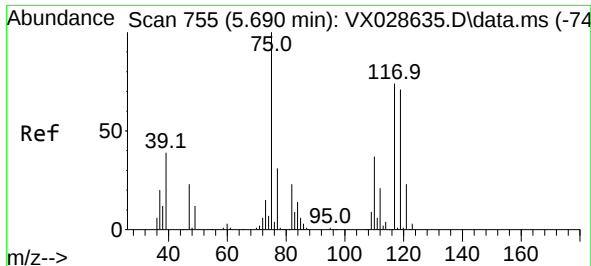
Tgt Ion:114 Resp: 614751
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.988 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

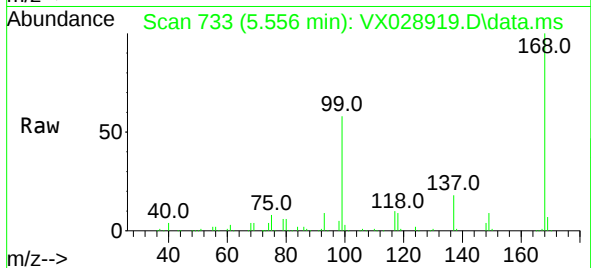
Tgt Ion:113 Resp: 201340
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.2 16.9 25.3



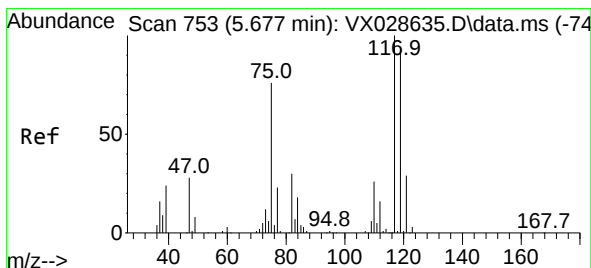
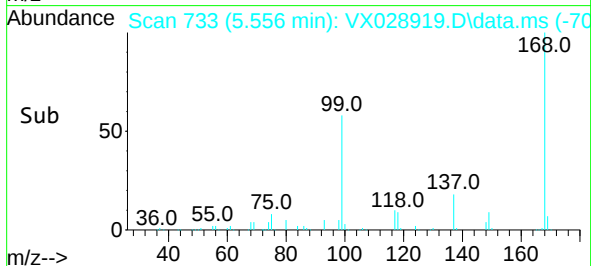
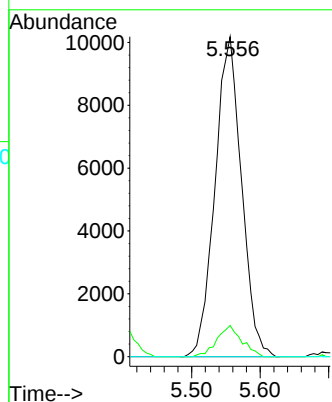


#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

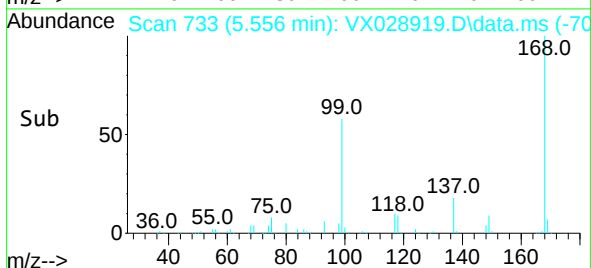
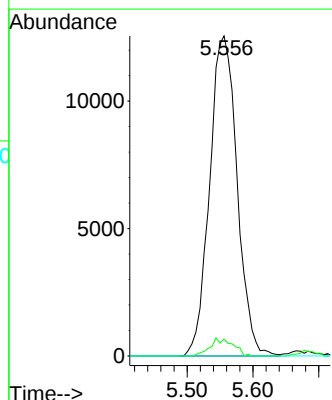
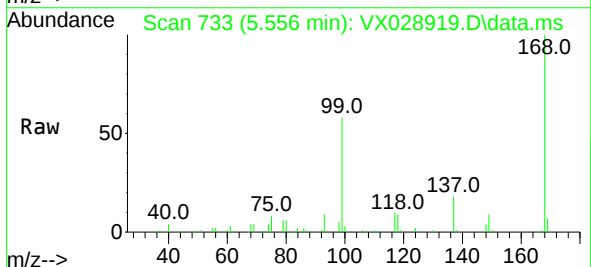


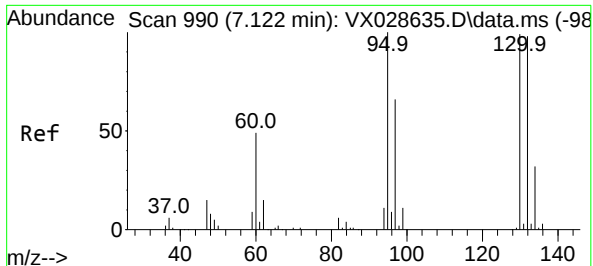
Tgt Ion: 75 Resp: 27335
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 117 Resp: 36536
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#

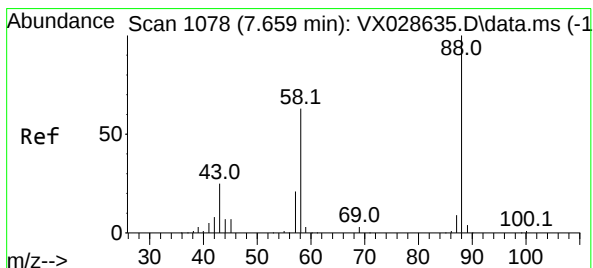
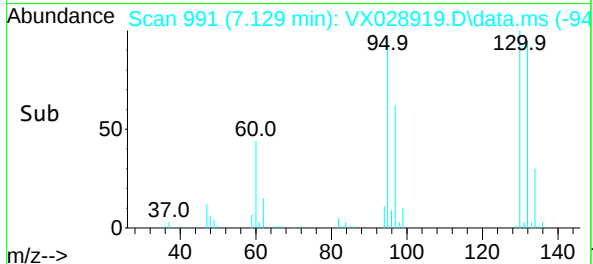
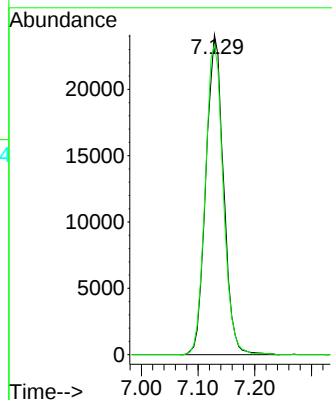
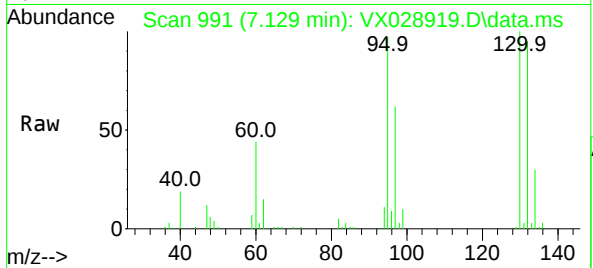




#44
Trichloroethene
Concen: 11.047 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

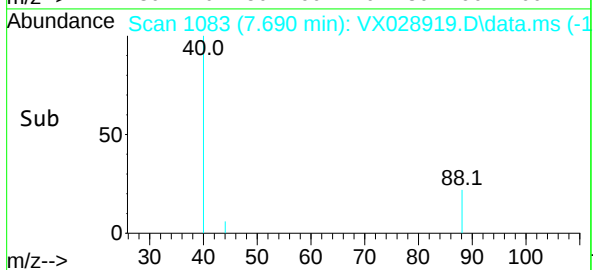
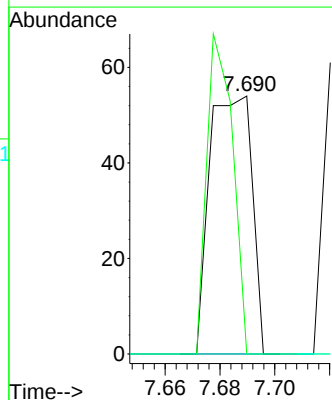
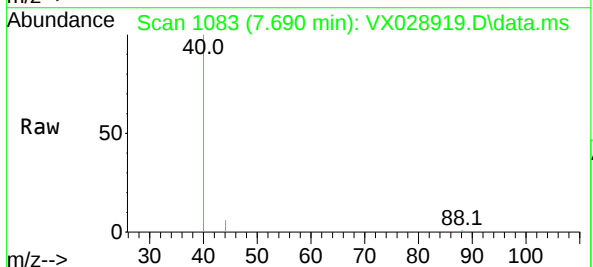
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

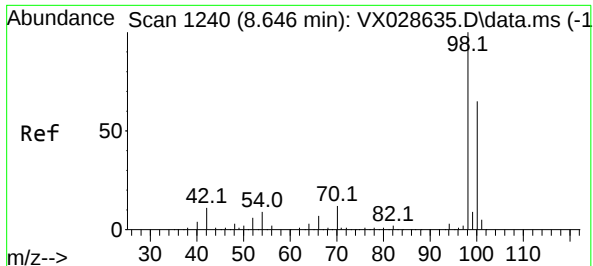
Tgt Ion:130 Resp: 52089
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.8



#49
1,4-Dioxane
Concen: 0.486 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 75.9 21.9 32.9#
58 0.0 53.7 80.5#

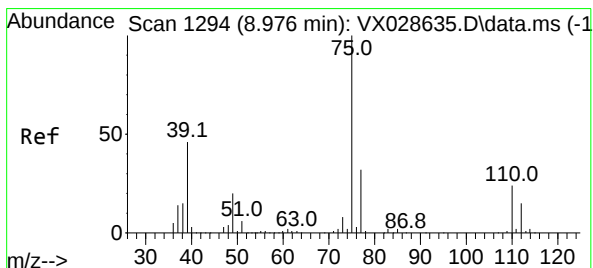
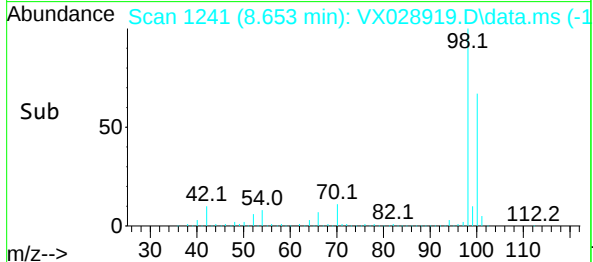
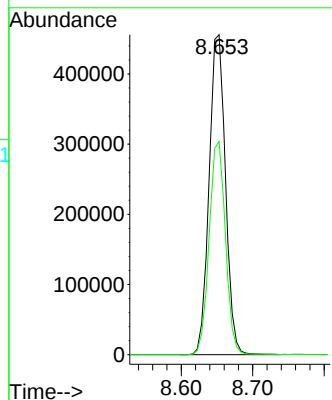
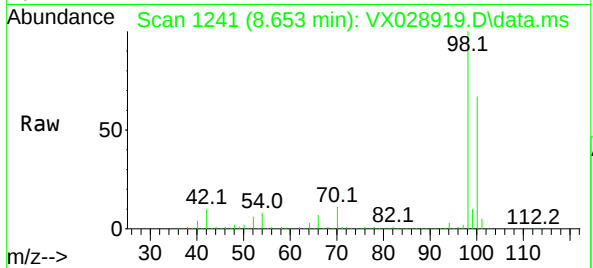




#50
Toluene-d8
Concen: 47.743 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

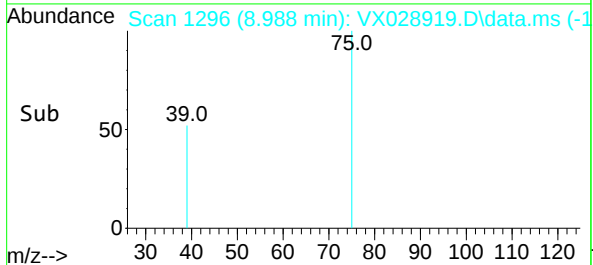
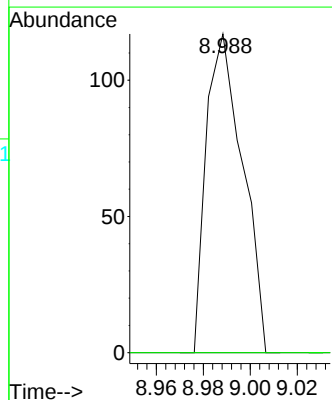
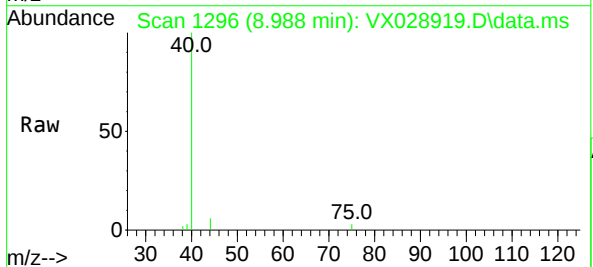
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

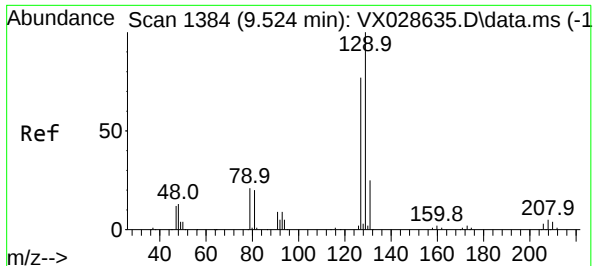
Tgt Ion: 98 Resp: 724991
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.658 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 75 Resp: 126
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

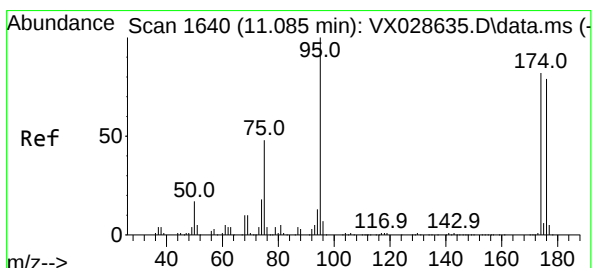
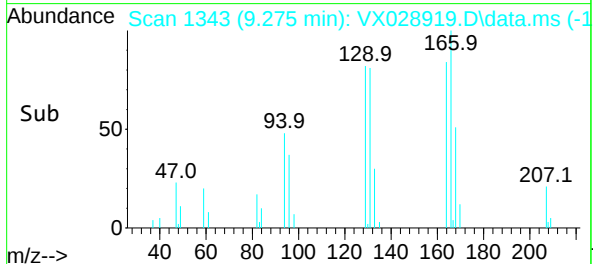
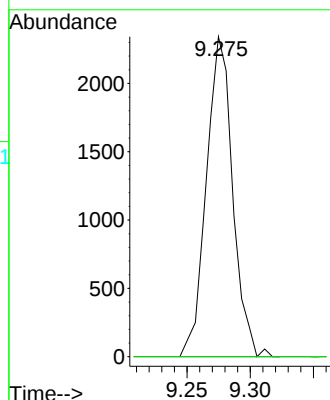
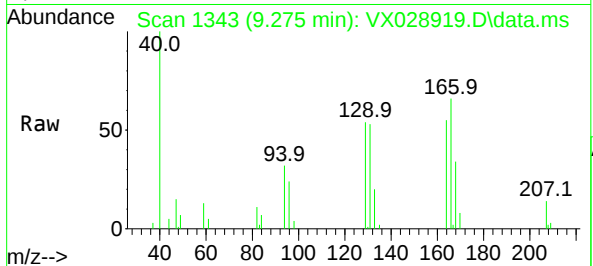




#60
Dibromochloromethane
Concen: 0.762 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.249 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

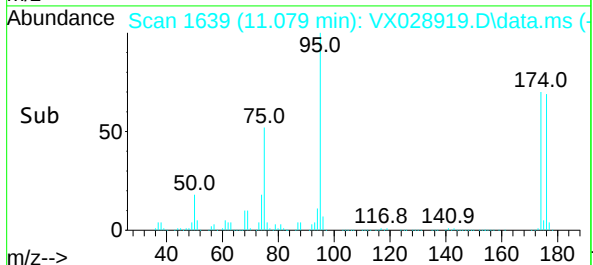
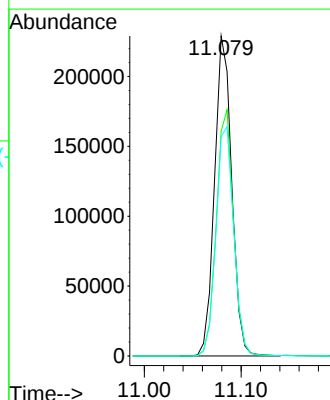
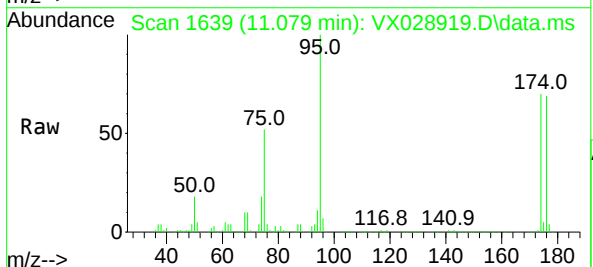
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

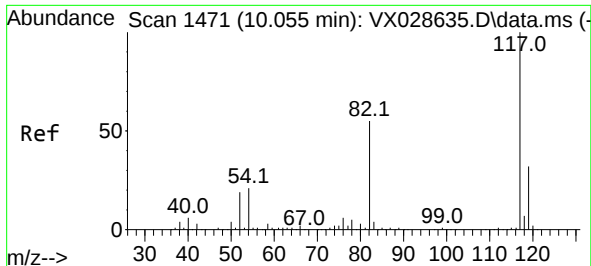
Tgt Ion:129 Resp: 3388
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 49.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 95 Resp: 282870
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 74.1 0.0 155.0

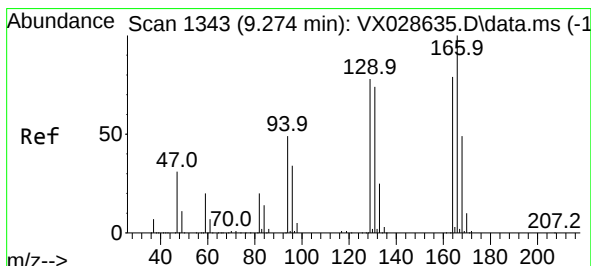
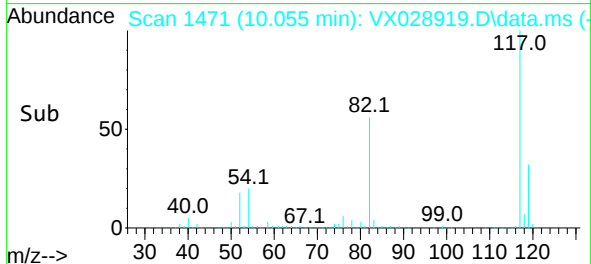
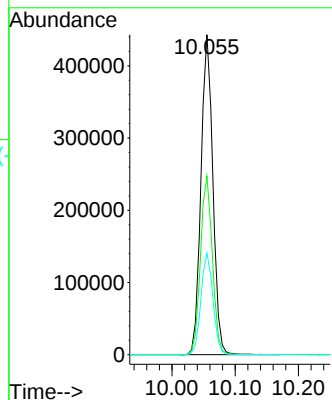
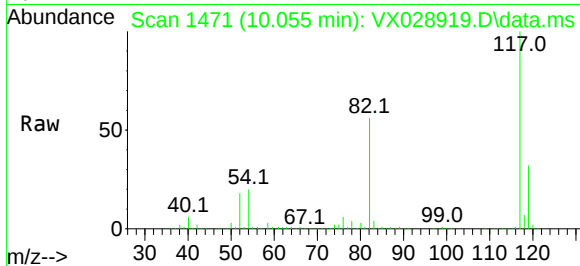




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

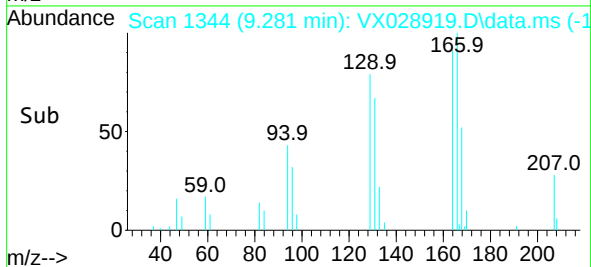
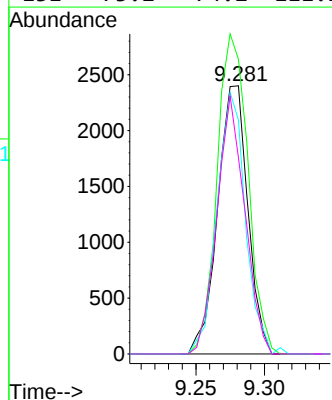
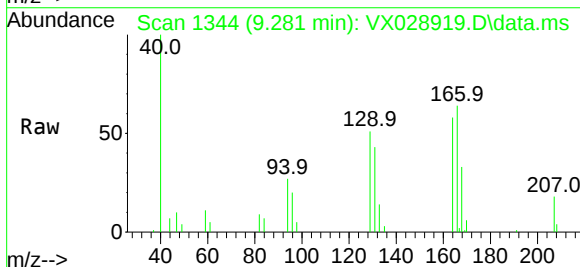
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

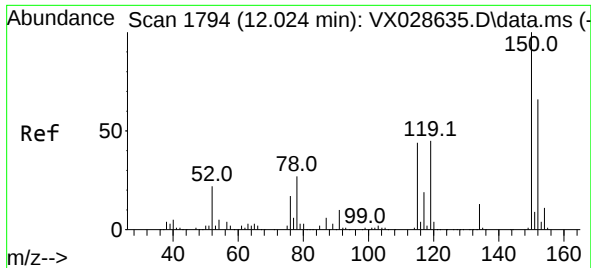
Tgt Ion:117 Resp: 581312
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 0.838 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion:164 Resp: 3677
Ion Ratio Lower Upper
164 100
166 109.9 101.2 151.8
129 87.2 73.0 109.4
131 73.2 74.2 111.2#

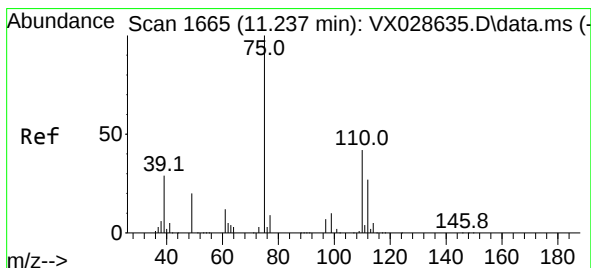
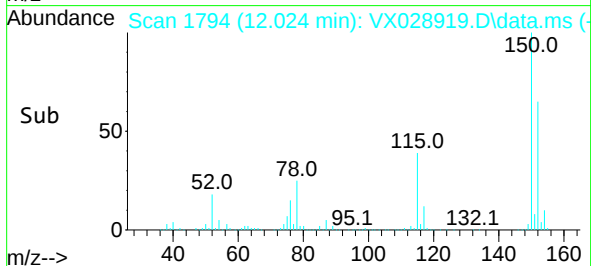
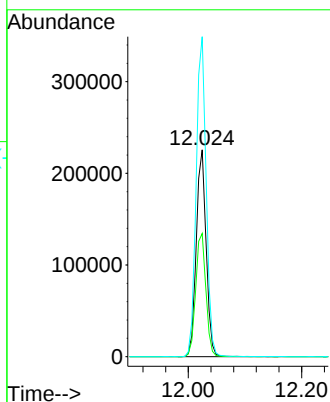
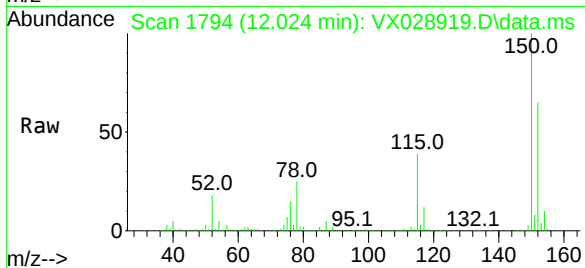




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028919.D
 Acq: 24 May 2022 14:22

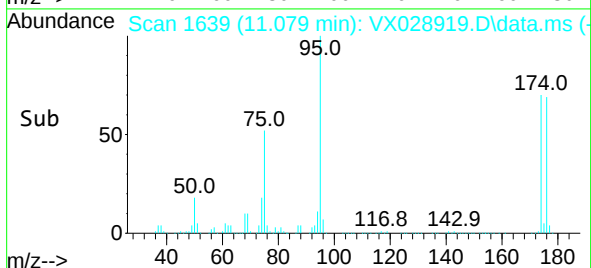
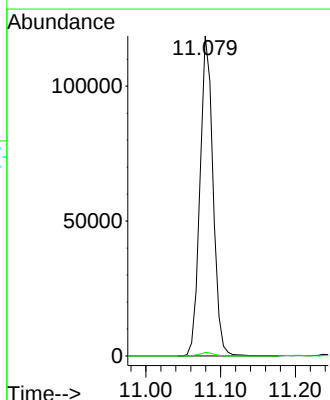
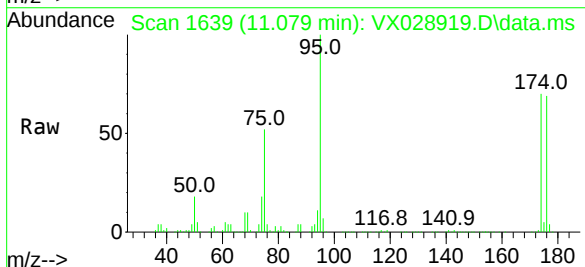
Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20220516

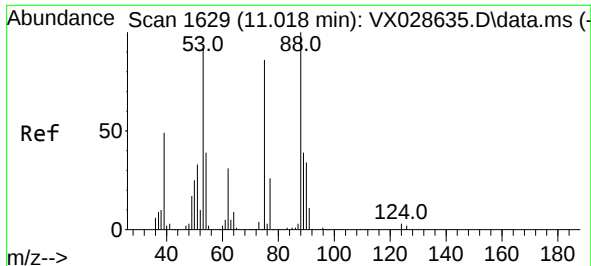
Tgt Ion:152 Resp: 272677
 Ion Ratio Lower Upper
 152 100
 115 61.5 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.543 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028919.D
 Acq: 24 May 2022 14:22

Tgt Ion: 75 Resp: 143957
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

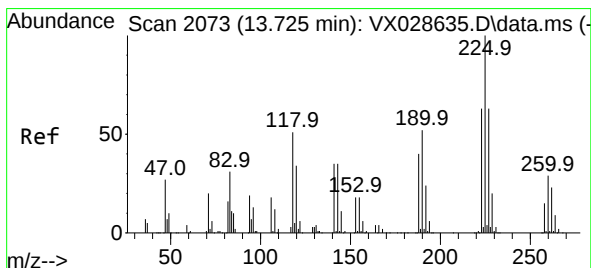
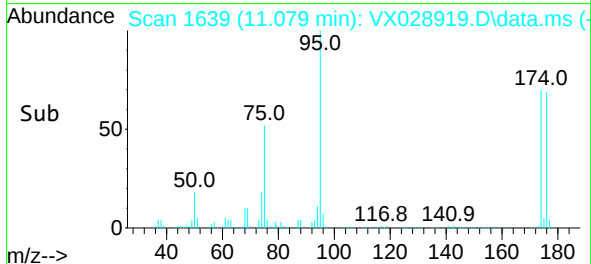
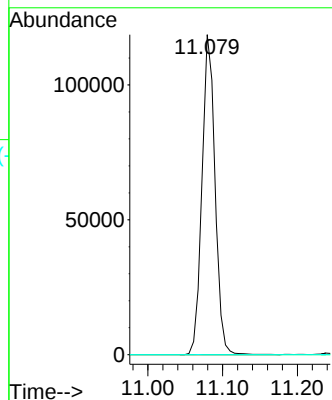
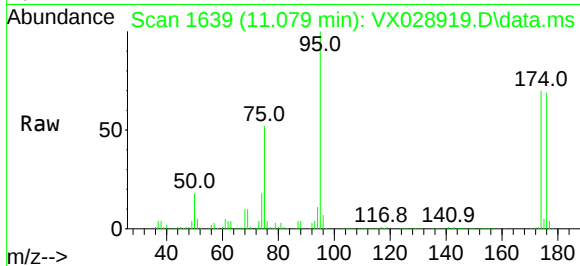




#81
trans-1,4-Dichloro-2-butene
Concen: 65.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20220516

Tgt Ion: 75 Resp: 143957
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.248 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028919.D
Acq: 24 May 2022 14:22

Tgt Ion: 225 Resp: 548
Ion Ratio Lower Upper
225 100
223 81.2 34.2 102.5
227 66.6 33.9 101.7

