

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032130.D
 Acq On : 14 Oct 2022 13:34
 Operator : JC/MD
 Sample : N5151-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-5

Quant Time: Oct 17 02:24:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

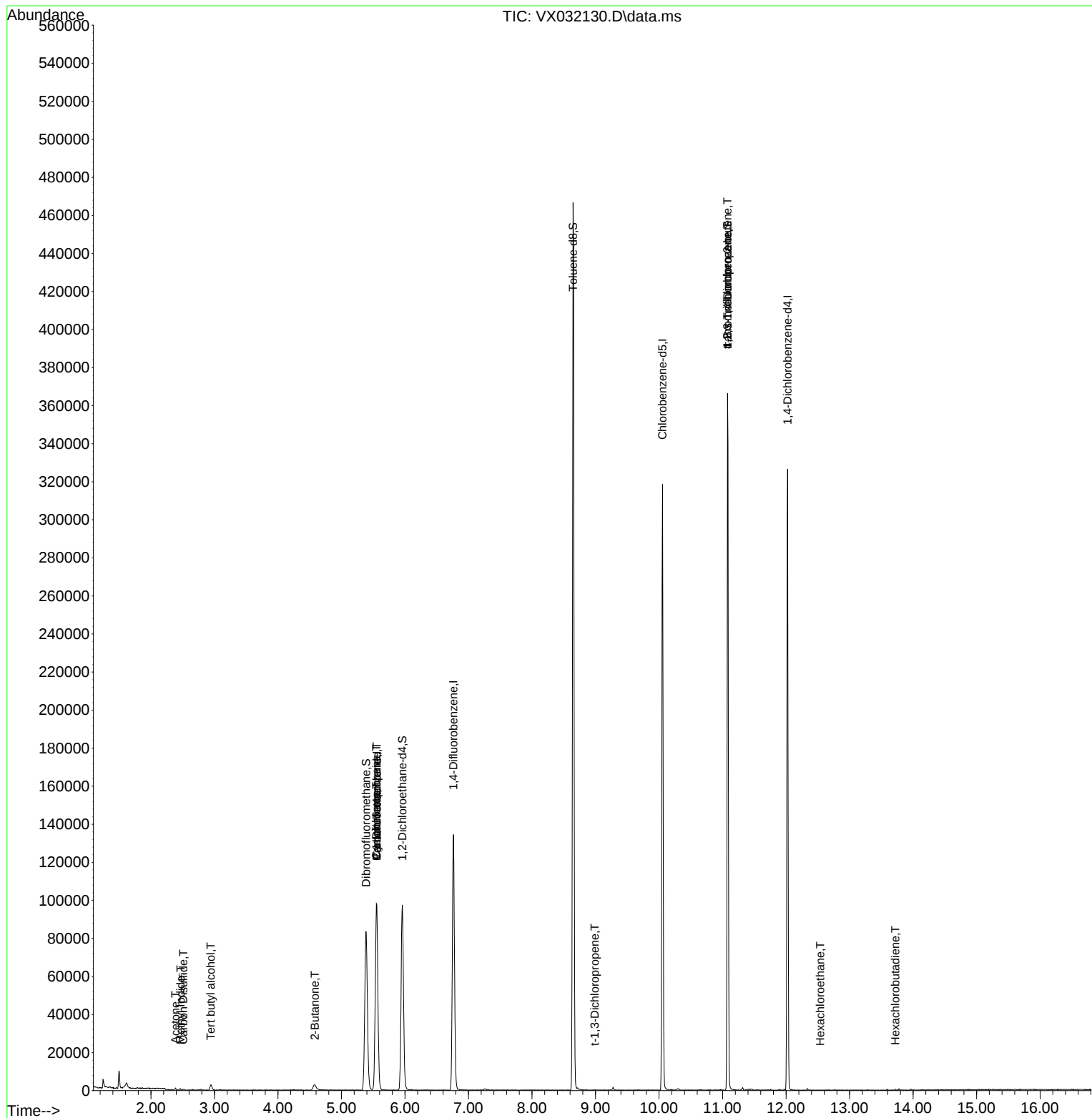
Internal Standards						
1) Pentafluorobenzene	5.556	168	87650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95559	52.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.580%
35) Dibromofluoromethane	5.385	113	70994	47.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	262976	48.812	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	92861	48.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	442	Below Cal		88
10) Methyl Iodide	2.465	142	581	3.127 ug/l	#	84
11) Tert butyl alcohol	2.940	59	1816	8.063 ug/l	#	73
16) Acetone	2.386	43	836	1.359 ug/l		91
17) Carbon Disulfide	2.507	76	603	0.210 ug/l	#	70
25) 2-Butanone	4.580	43	210	0.218 ug/l	#	49
31) Cyclohexane	5.550	56	2148	0.993 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	7754	3.906 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	9637	4.747 ug/l	#	17
53) t-1,3-Dichloropropene	8.988	75	22	1.218 ug/l	#	44
76) 1,2,3-Trichloropropane	11.079	75	52095	39.622 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52095	134.085 ug/l	#	11
90) Hexachloroethane	12.536	117	31	1.354 ug/l	#	15
94) Hexachlorobutadiene	13.719	225	190	0.343 ug/l	#	41

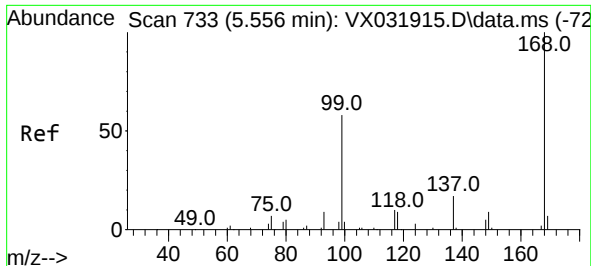
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

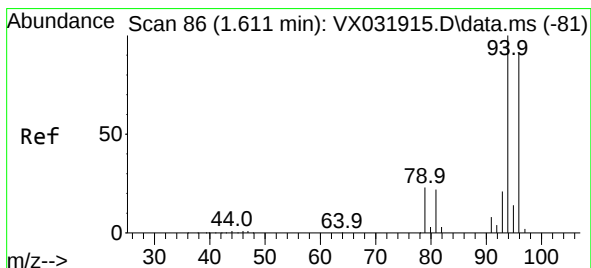
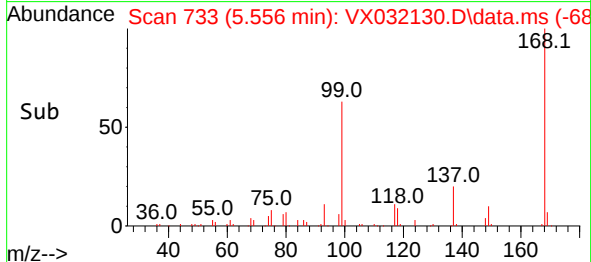
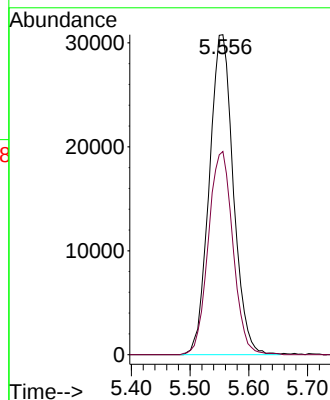
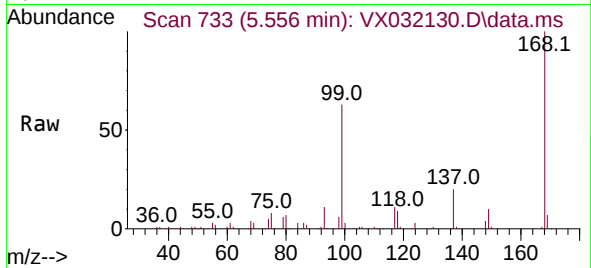
256317-5

Tgt Ion:168 Resp: 87650

Ion Ratio Lower Upper

168 100

99 63.5 48.8 73.2



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 87

Delta R.T. 0.006 min

Lab File: VX032130.D

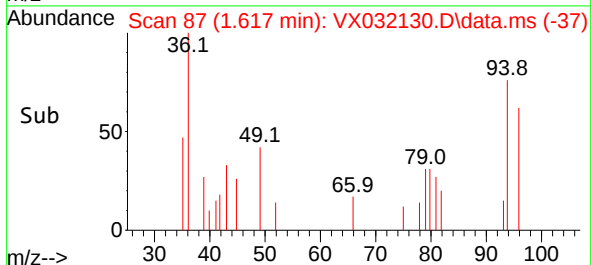
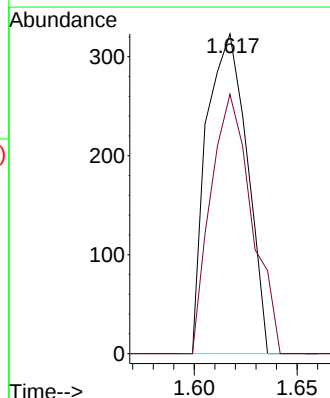
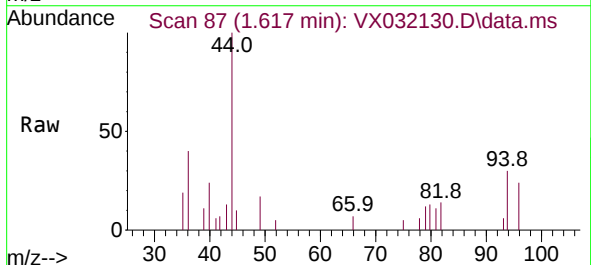
Acq: 14 Oct 2022 13:34

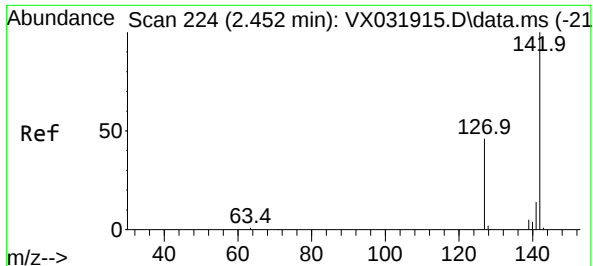
Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

94 100

96 81.1 74.4 111.6

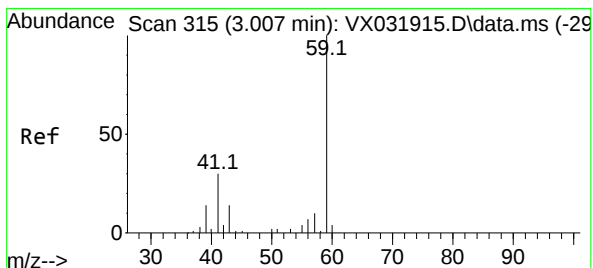
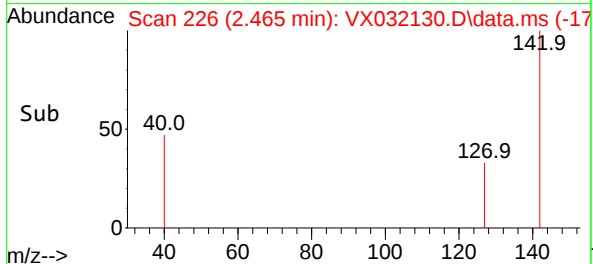
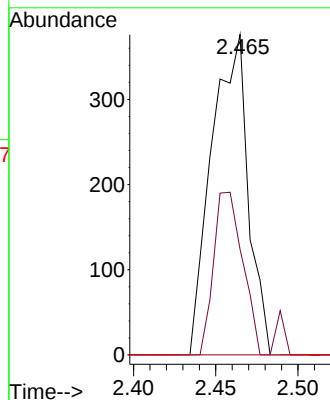
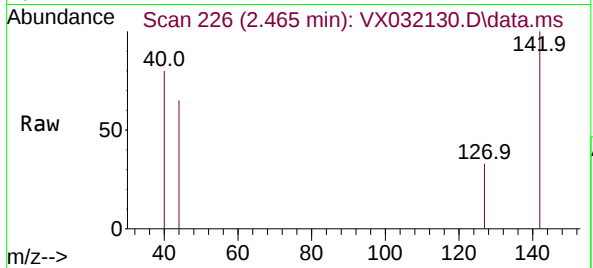




#10
Methyl Iodide
Concen: 3.127 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

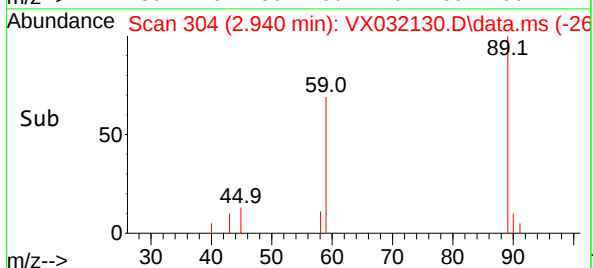
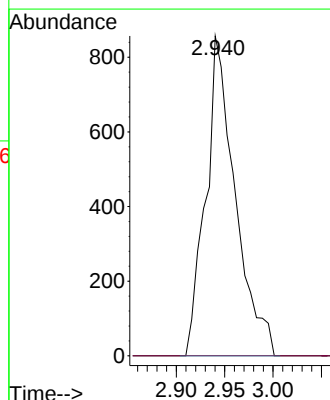
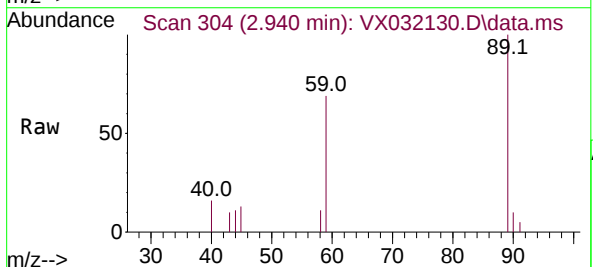
Instrument :
MSVOA_X
ClientSampleId :
256317-5

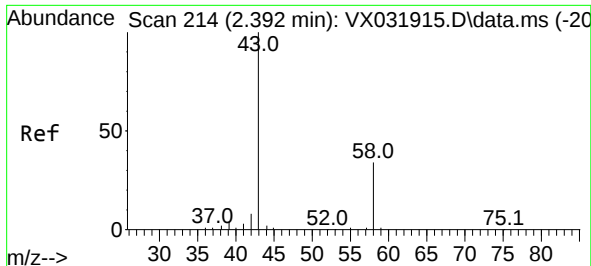
Tgt Ion:142 Resp: 581
Ion Ratio Lower Upper
142 100
127 40.3 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 8.063 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion: 59 Resp: 1816
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

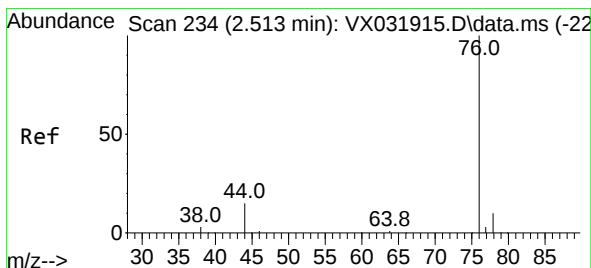
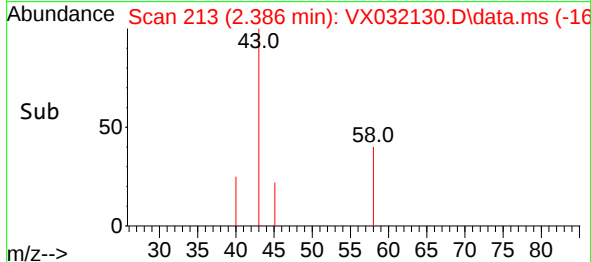
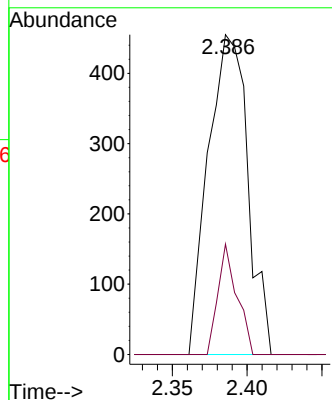
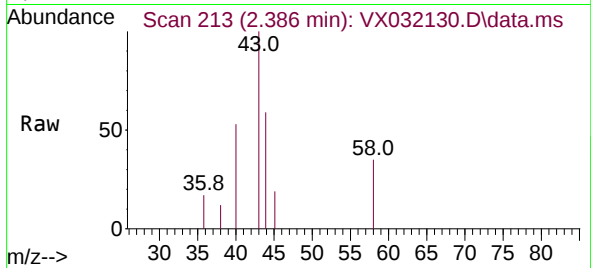




#16
Acetone
Concen: 1.359 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

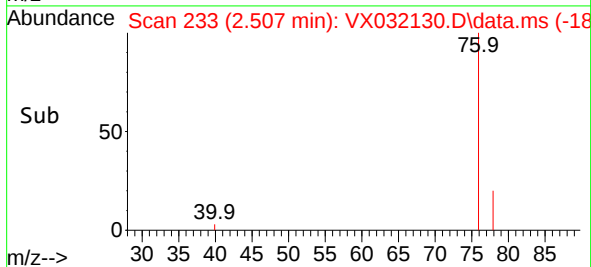
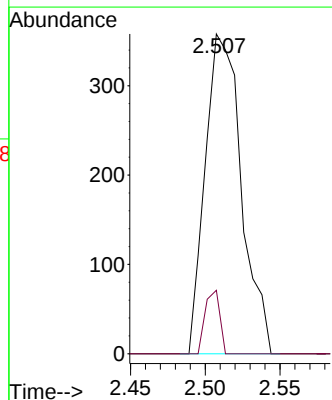
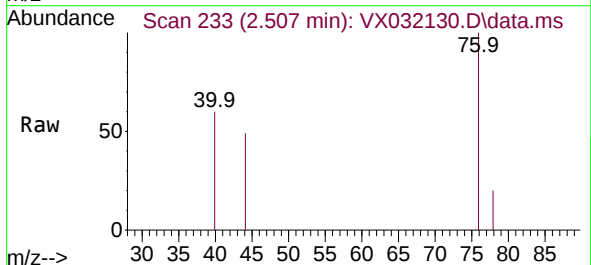
Instrument :
MSVOA_X
ClientSampleId :
256317-5

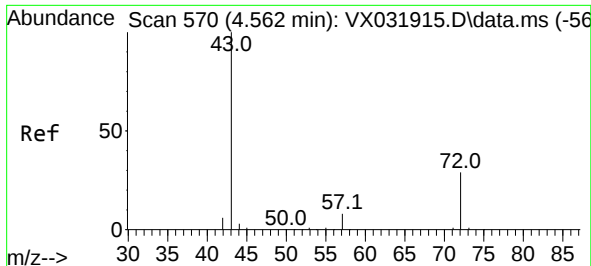
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 34.5 23.8 35.8



#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion: 76 Resp: 603
Ion Ratio Lower Upper
76 100
78 19.8 7.2 10.8#





#25

2-Butanone

Concen: 0.218 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

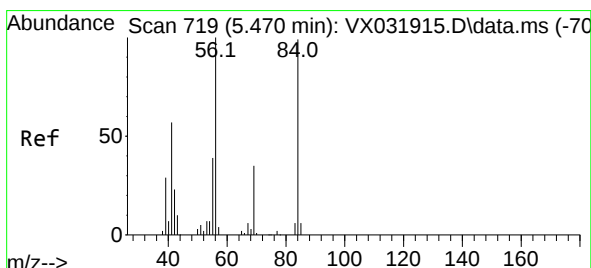
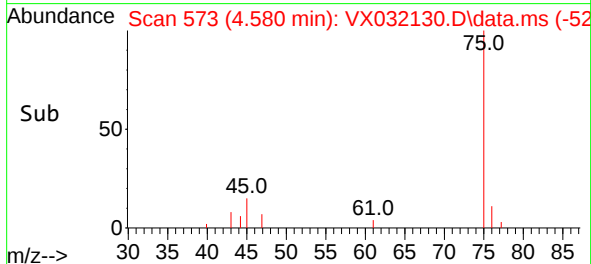
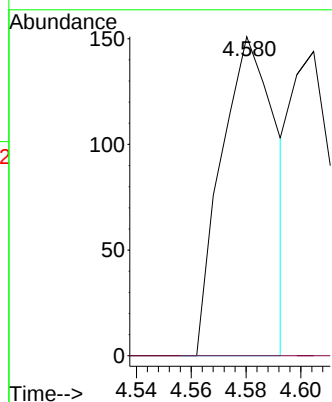
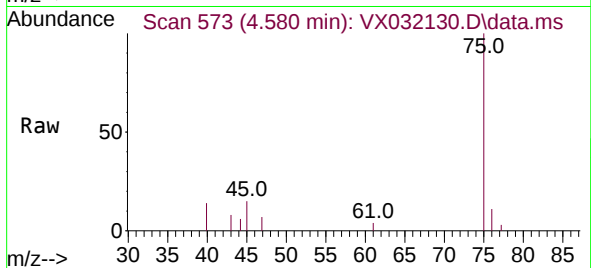
256317-5

Tgt Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.993 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

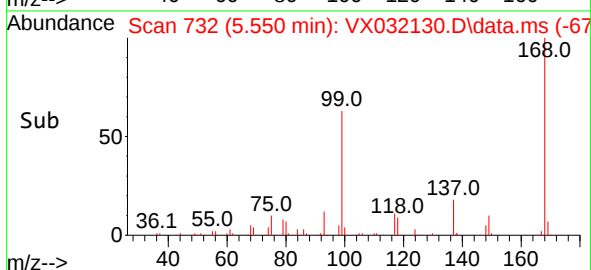
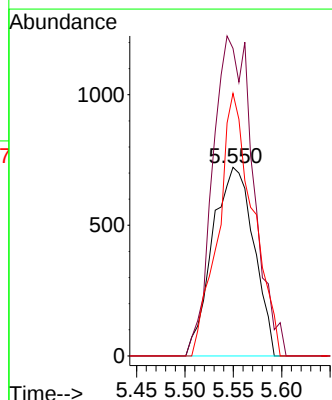
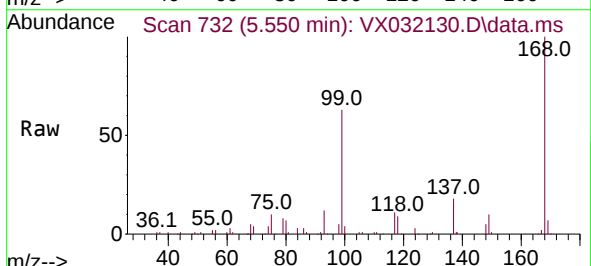
Tgt Ion: 56 Resp: 2148

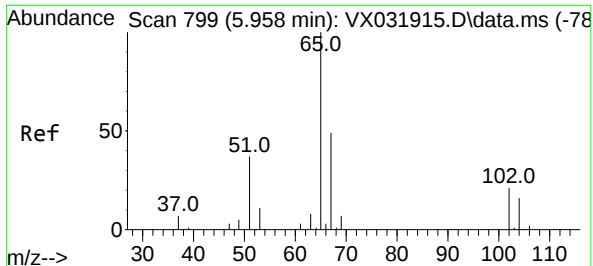
Ion Ratio Lower Upper

56 100

69 163.0 25.1 37.7#

84 139.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.790 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

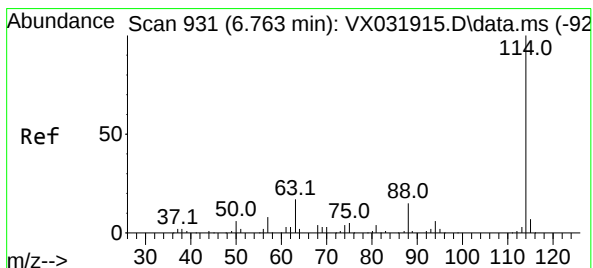
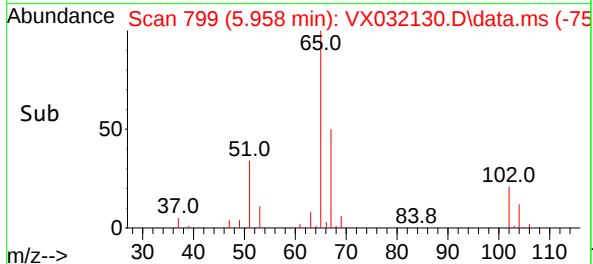
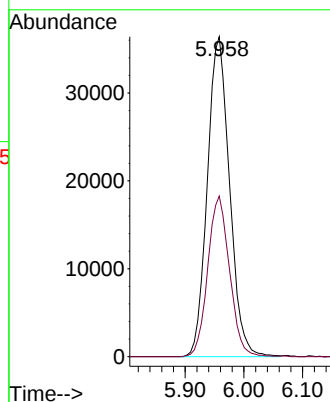
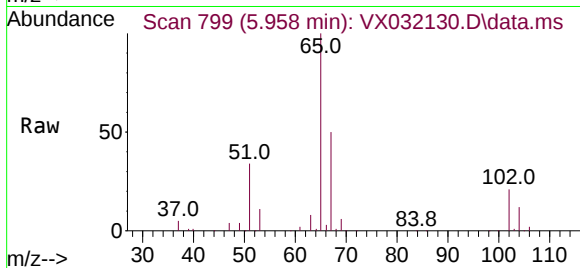
256317-5

Tgt Ion: 65 Resp: 95559

Ion Ratio Lower Upper

65 100

67 49.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

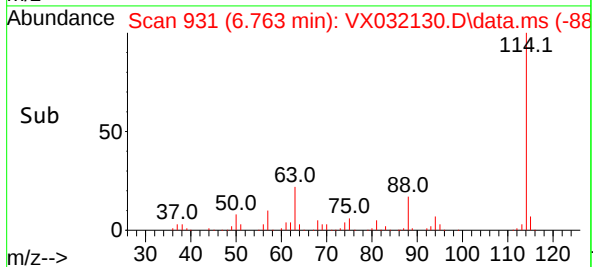
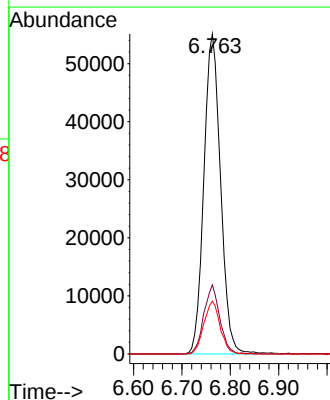
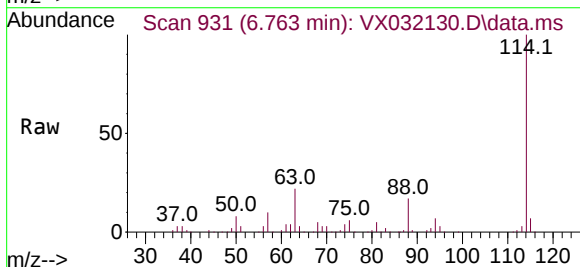
Tgt Ion: 114 Resp: 132270

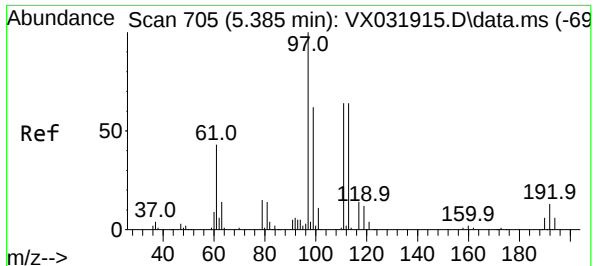
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

88 16.5 0.0 33.0

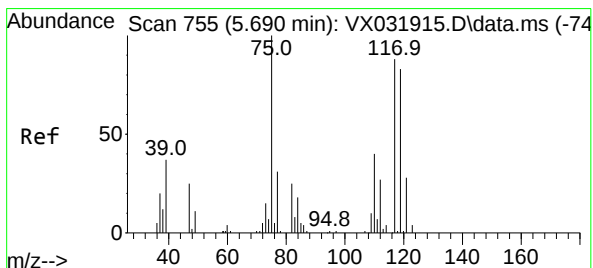
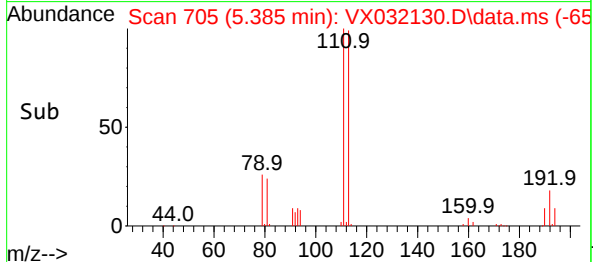
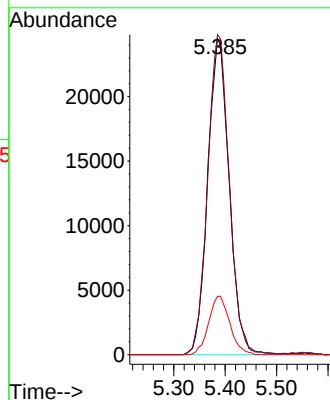
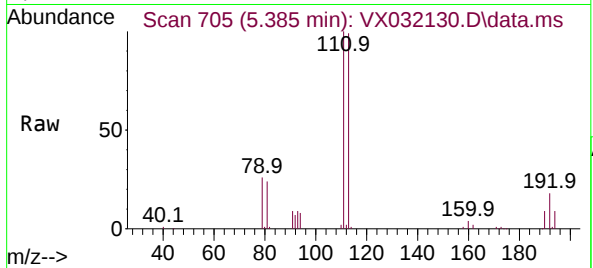




#35
Dibromofluoromethane
Concen: 47.417 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

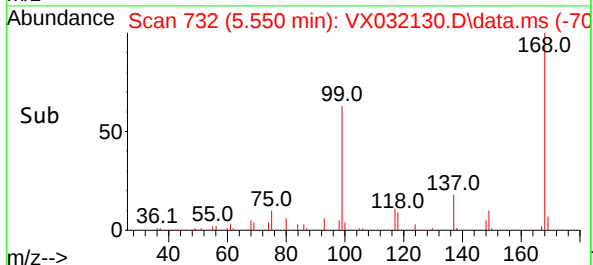
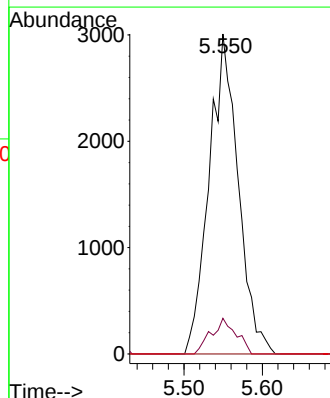
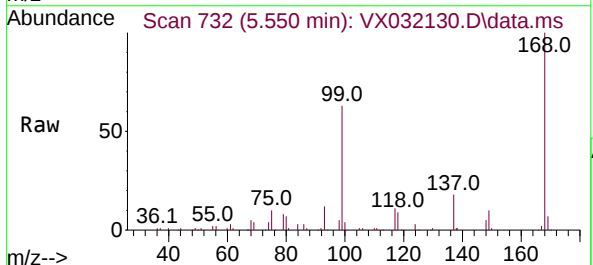
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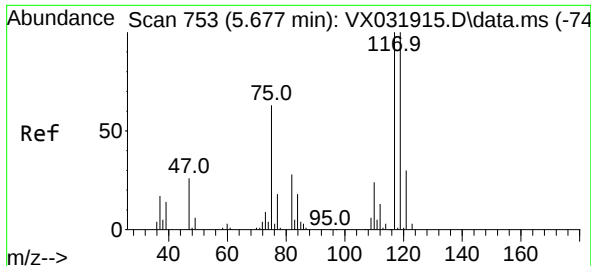
Tgt Ion:113 Resp: 70994
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.906 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

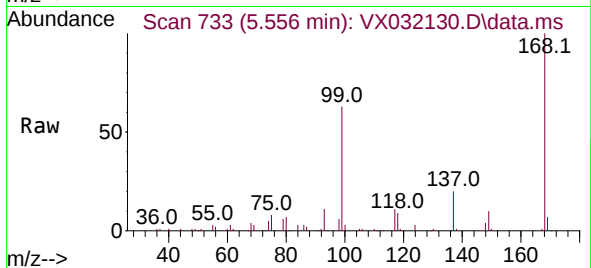
Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.9 37.3#



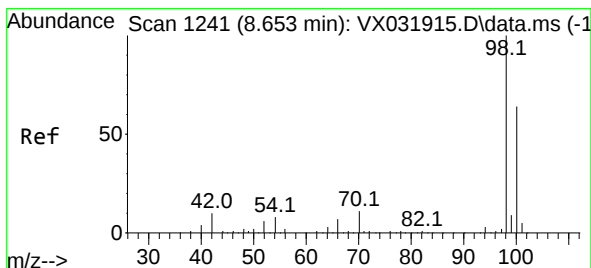
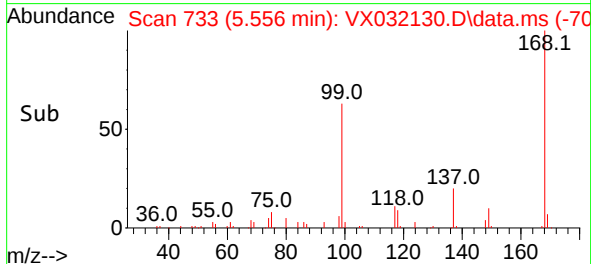
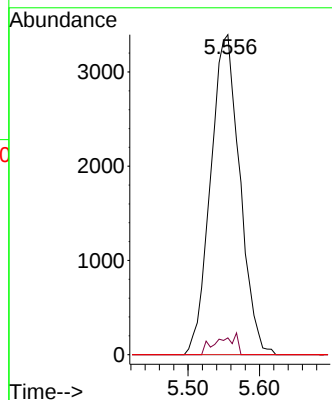


#38
Carbon Tetrachloride
Concen: 4.747 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Instrument :
MSVOA_X
ClientSampleId :
256317-5

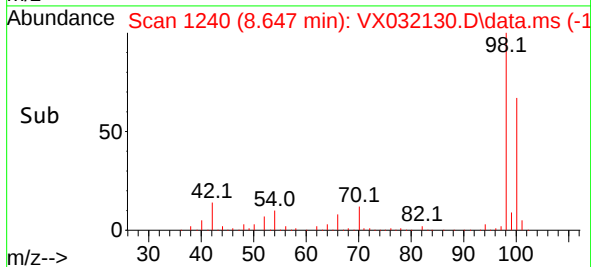
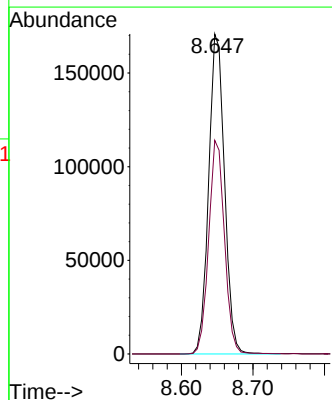
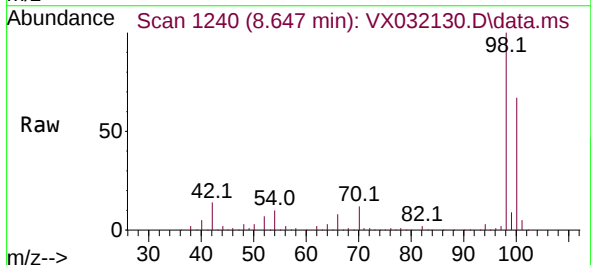


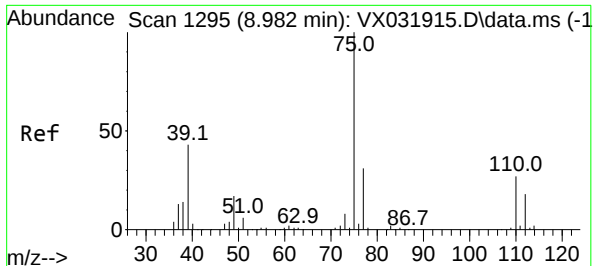
Tgt Ion:117 Resp: 9637
Ion Ratio Lower Upper
117 100
119 5.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion: 98 Resp: 262976
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#53

t-1,3-Dichloropropene

Concen: 1.218 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

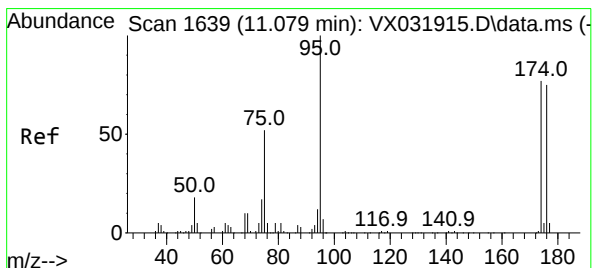
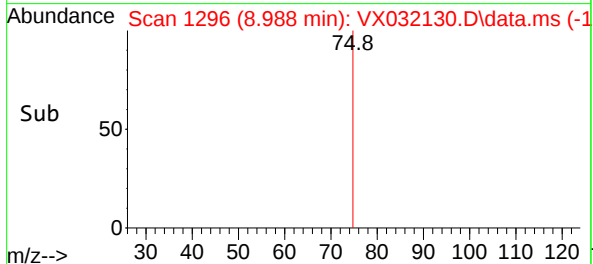
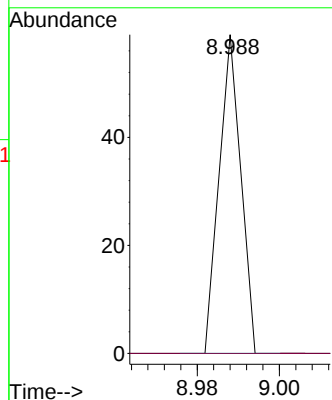
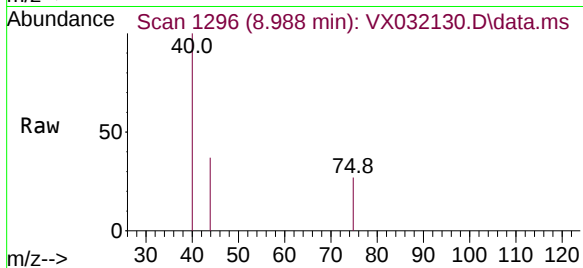
256317-5

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#62

4-Bromofluorobenzene

Concen: 48.755 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032130.D

Acq: 14 Oct 2022 13:34

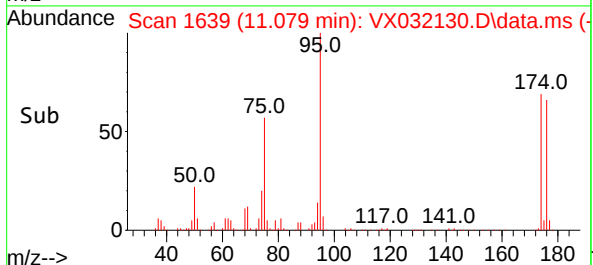
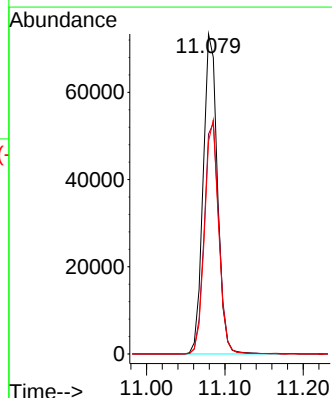
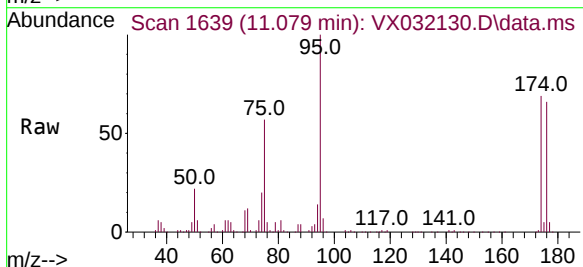
Tgt Ion: 95 Resp: 92861

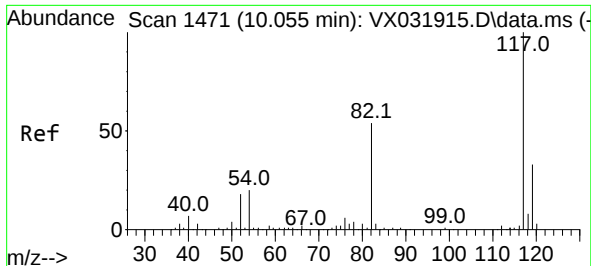
Ion Ratio Lower Upper

95 100

174 74.4 0.0 153.2

176 72.1 0.0 144.0

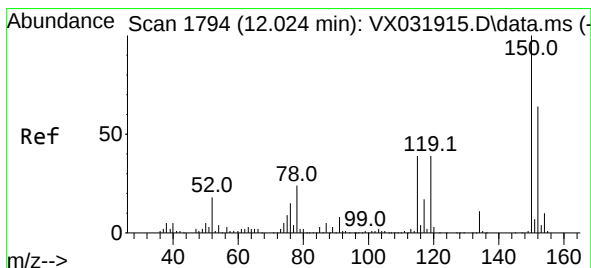
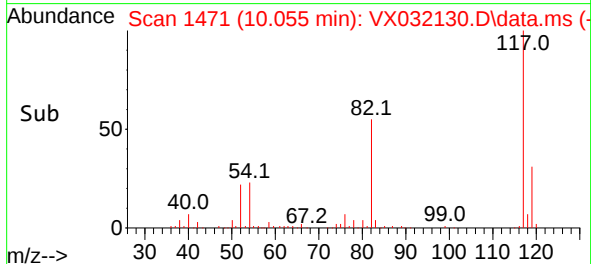
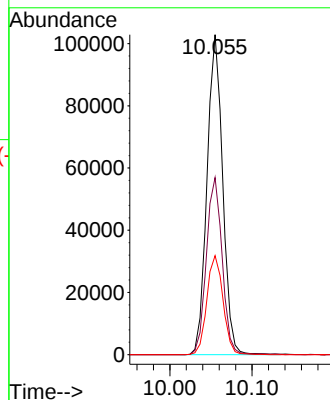
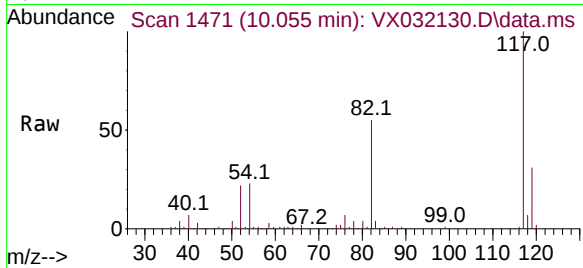




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

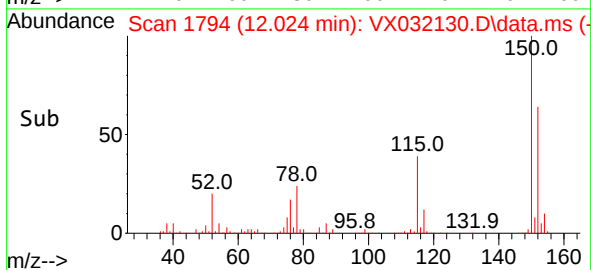
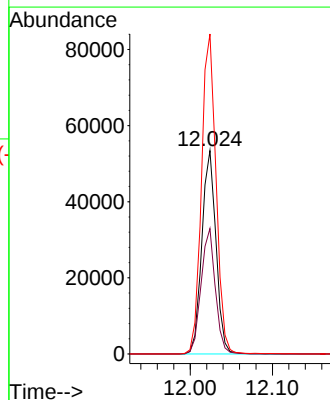
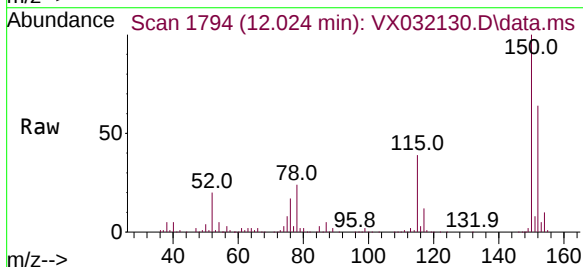
Instrument :
MSVOA_X
ClientSampleId :
256317-5

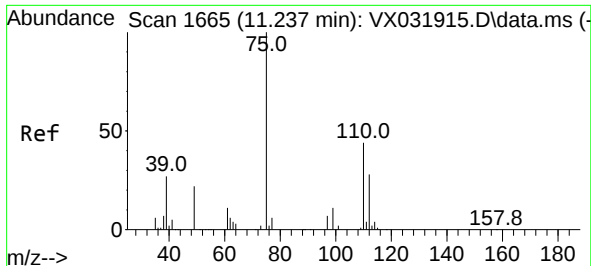
Tgt Ion:117 Resp: 136321
Ion Ratio Lower Upper
117 100
82 55.3 46.8 70.2
119 31.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion:152 Resp: 64153
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 162.0 0.0 346.8

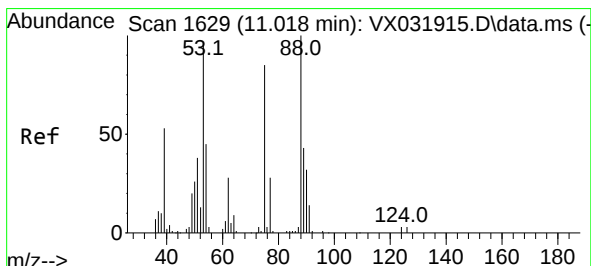
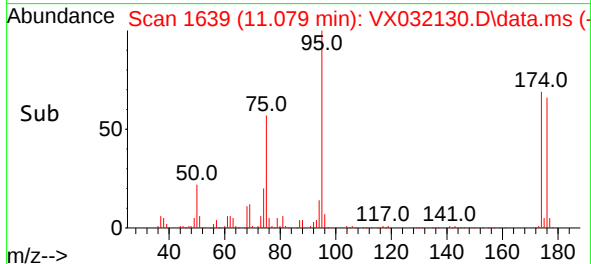
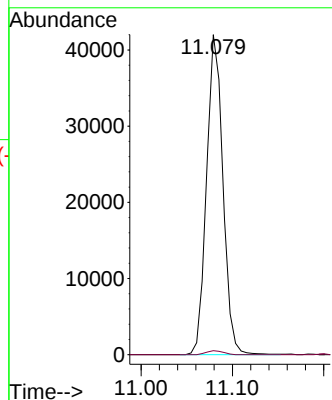
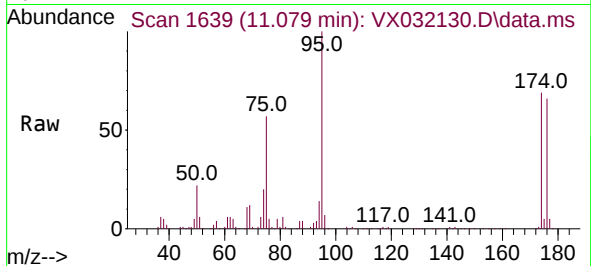




#76
1,2,3-Trichloropropane
Concen: 39.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

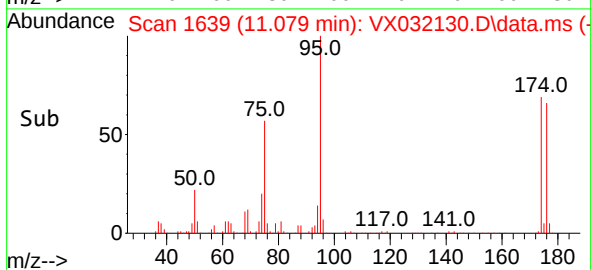
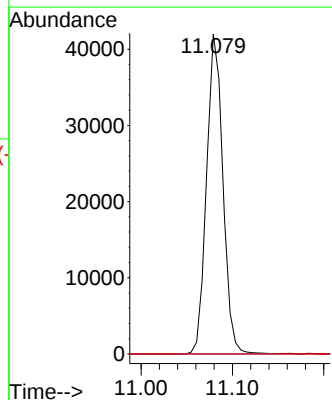
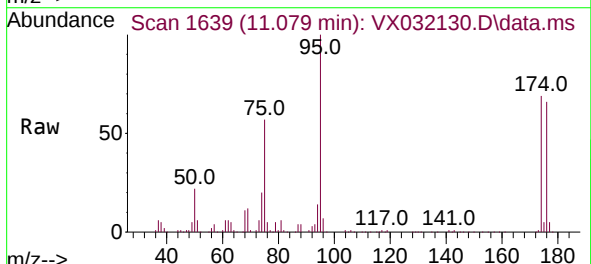
Instrument :
MSVOA_X
ClientSampleId :
256317-5

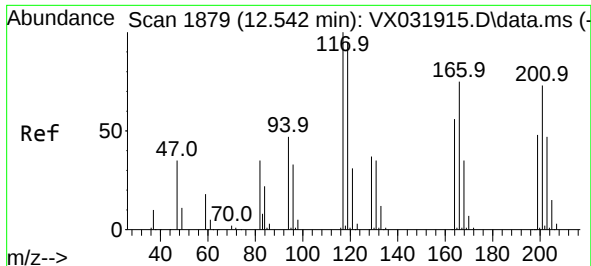
Tgt Ion: 75 Resp: 52095
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion: 75 Resp: 52095
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

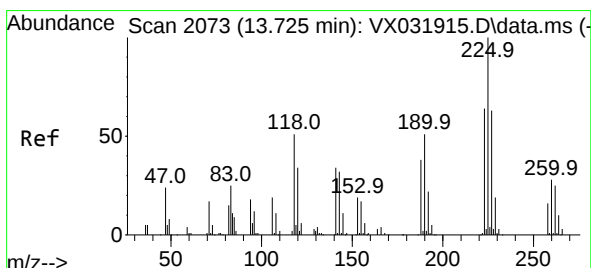
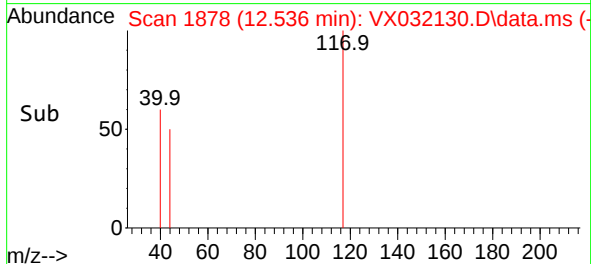
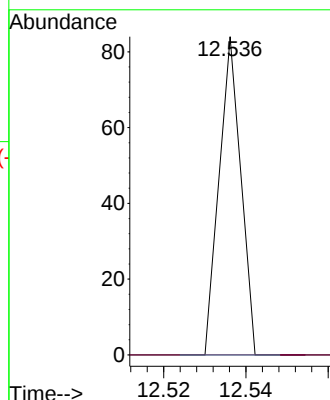
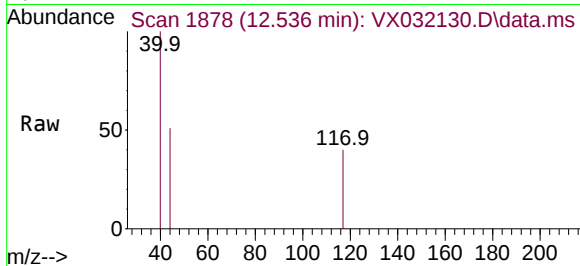




#90
Hexachloroethane
Concen: 1.354 ug/l
RT: 12.536 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Instrument :
MSVOA_X
ClientSampleId :
256317-5

Tgt Ion:117 Resp: 31
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#94
Hexachlorobutadiene
Concen: 0.343 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX032130.D
Acq: 14 Oct 2022 13:34

Tgt Ion:225 Resp: 190
Ion Ratio Lower Upper
225 100
223 34.7 30.8 92.4
227 0.0 32.3 96.9#

