

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031924.D
 Acq On : 06 Oct 2022 17:46
 Operator : JC/MD
 Sample : N4915-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 257155-3

Quant Time: Oct 07 08:07:40 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)

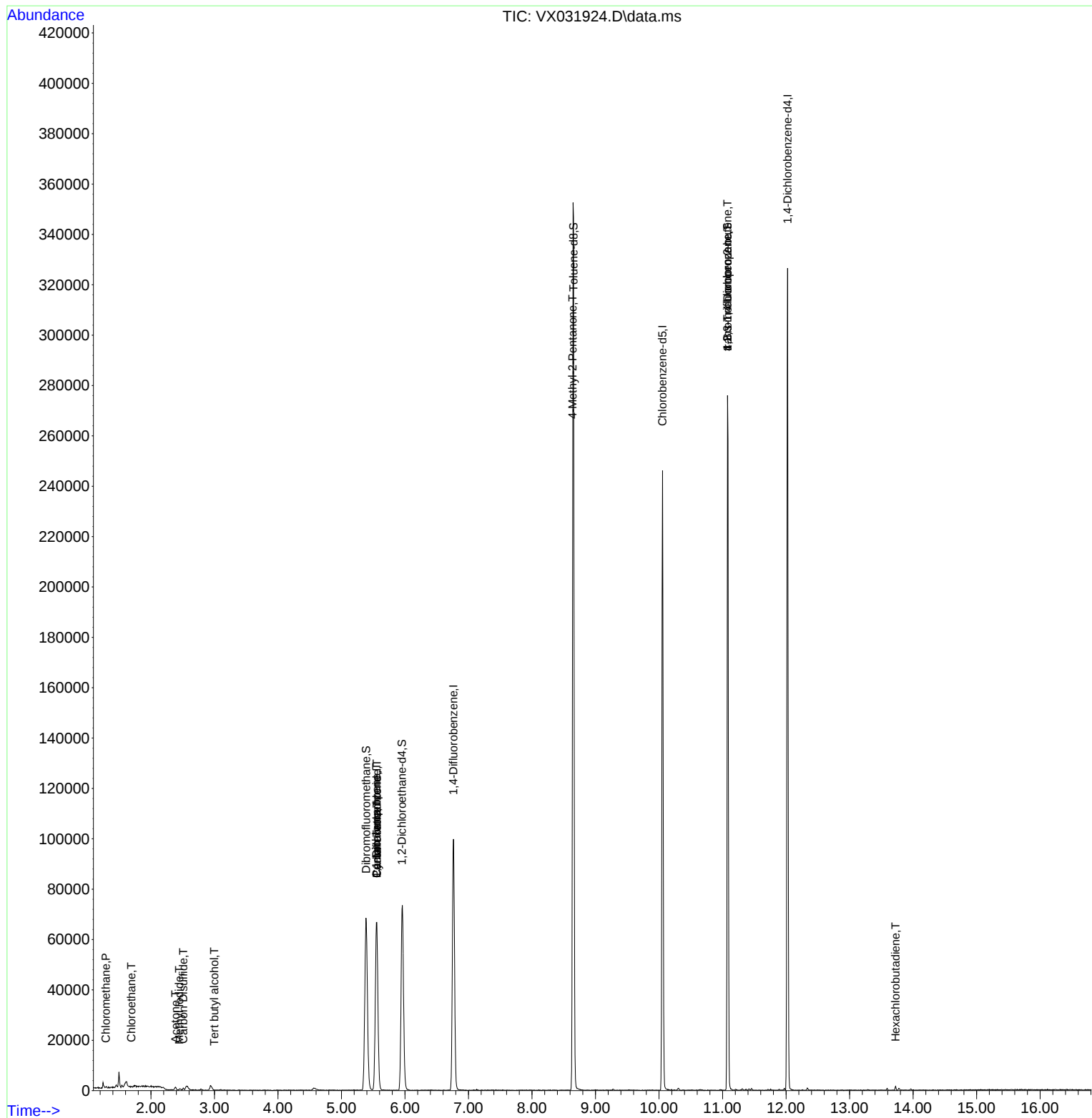
Internal Standards						
1) Pentafluorobenzene	5.556	168	64136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69749	52.659	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	5.385	113	59622	49.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	8.653	98	211256	48.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.079	95	73070	47.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.720%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	216	0.216	ug/l #	41
5) Bromomethane	1.611	94	469	Below Cal		98
6) Chloroethane	1.691	64	255	0.257	ug/l #	43
10) Methyl Iodide	2.447	142	522	3.212	ug/l #	90
11) Tert butyl alcohol	2.995	59	76	0.461	ug/l #	73
13) Acrolein	2.069	56	41	Below Cal		92
16) Acetone	2.386	43	1329	2.952	ug/l	89
17) Carbon Disulfide	2.508	76	824	0.393	ug/l	97
31) Cyclohexane	5.556	56	1448	0.915	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	4855	3.051	ug/l #	45
38) Carbon Tetrachloride	5.556	117	6814	4.187	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	771	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36833	26.107	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36833	89.577	ug/l #	11
94) Hexachlorobutadiene	13.725	225	232	0.390	ug/l	74

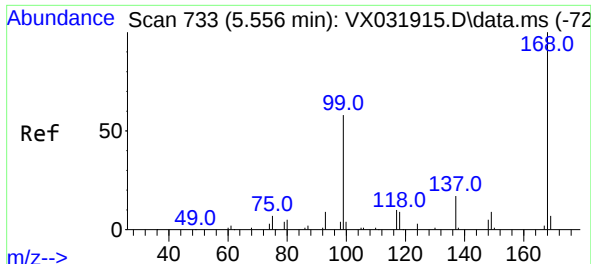
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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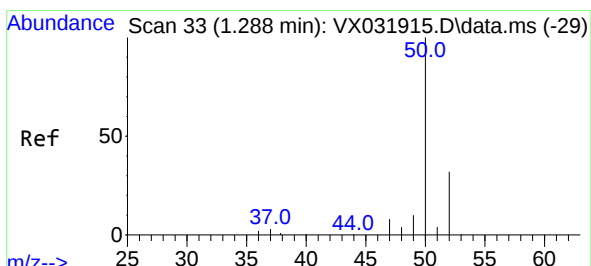
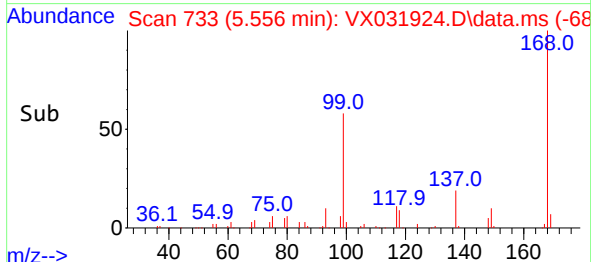
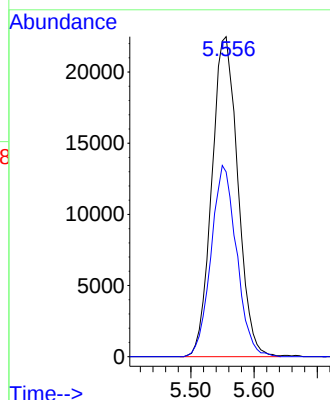
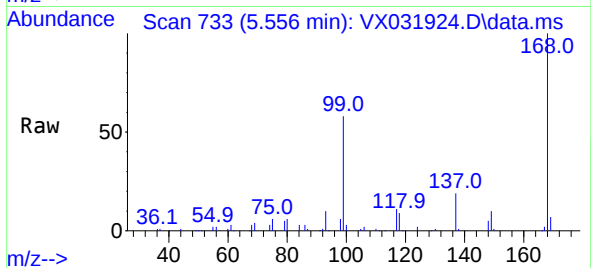




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

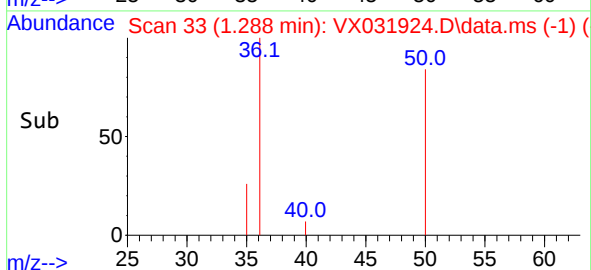
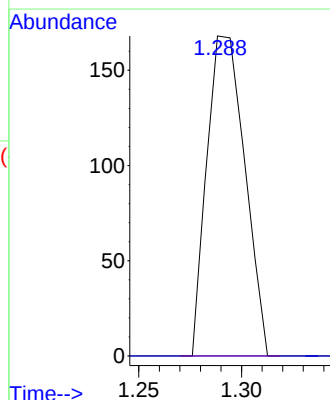
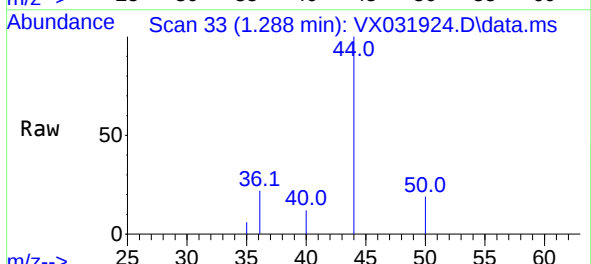
Instrument :
MSVOA_X
ClientSampleId :
257155-3

Tgt Ion:168 Resp: 64136
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2

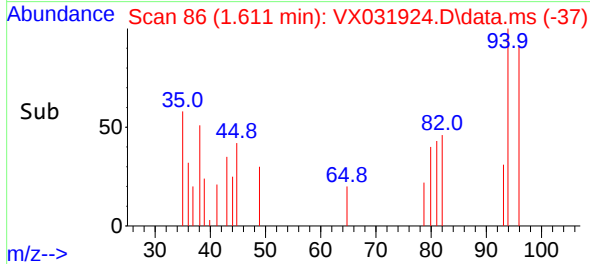
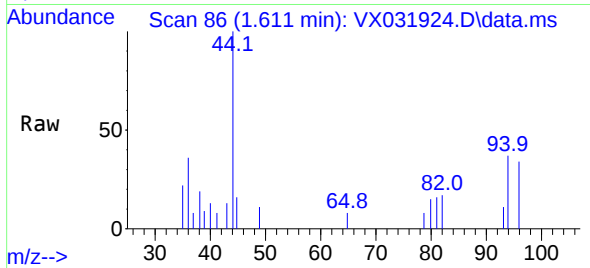
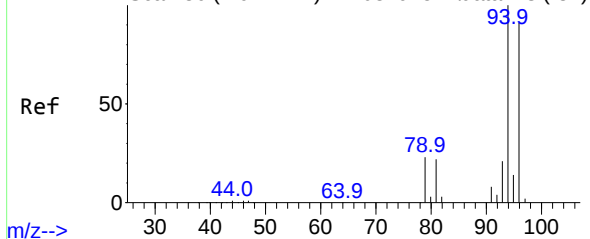


#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion: 50 Resp: 216
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031915.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031924.D

Acq: 06 Oct 2022 17:46

Instrument :

MSVOA_X

ClientSampleId :

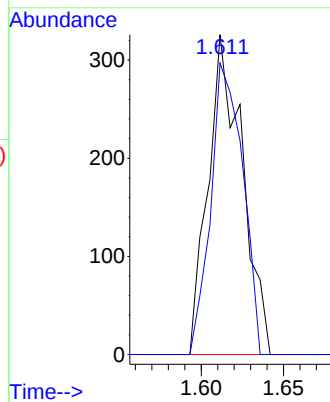
257155-3

Tgt Ion: 94 Resp: 469

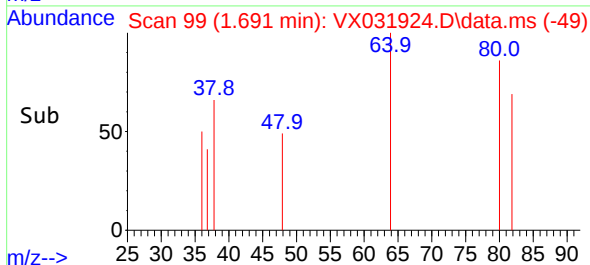
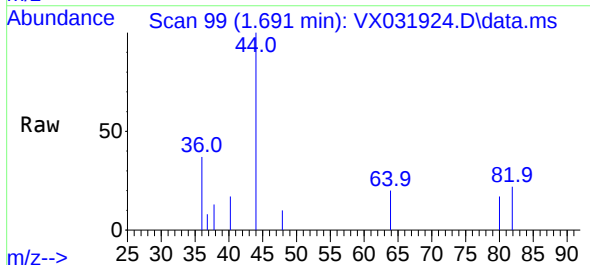
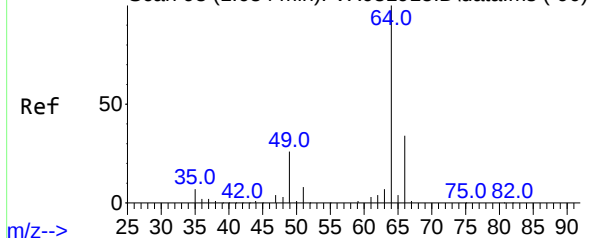
Ion Ratio Lower Upper

94 100

96 91.1 74.4 111.6



Abundance Scan 98 (1.684 min): VX031915.D\data.ms (-90)



#6

Chloroethane

Concen: 0.257 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.007 min

Lab File: VX031924.D

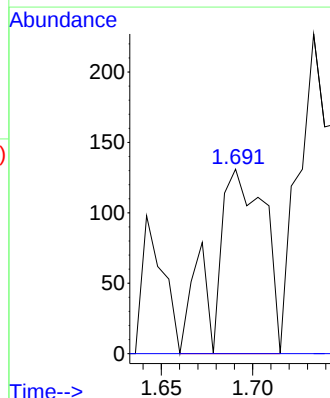
Acq: 06 Oct 2022 17:46

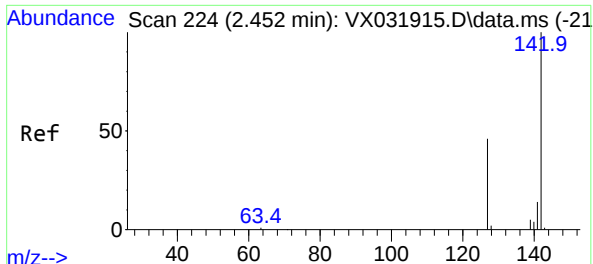
Tgt Ion: 64 Resp: 255

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

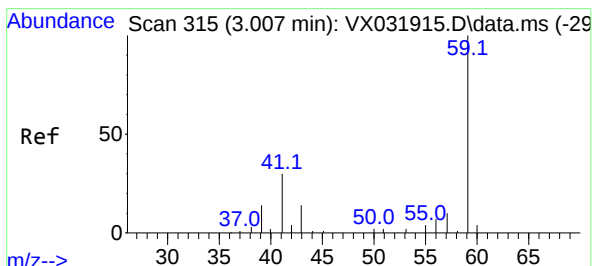
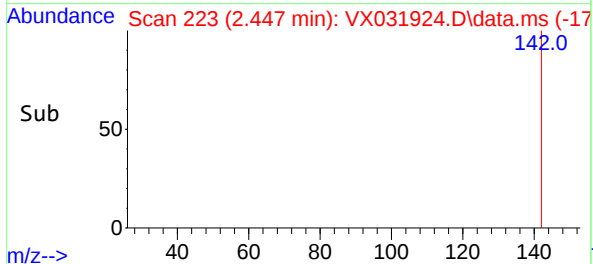
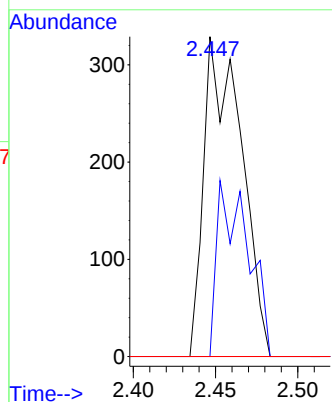
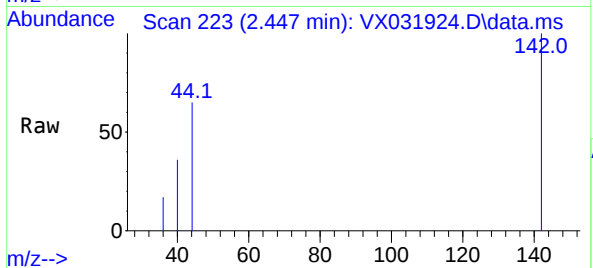




#10
Methyl Iodide
Concen: 3.212 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

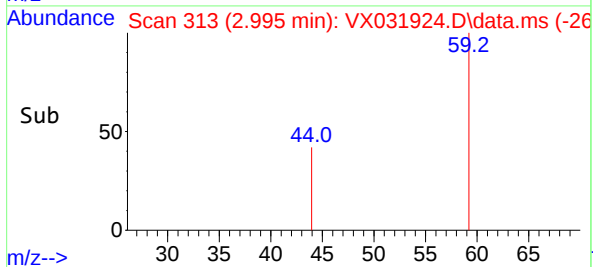
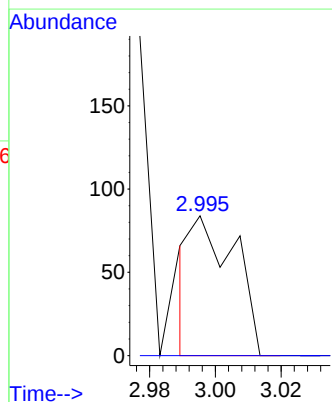
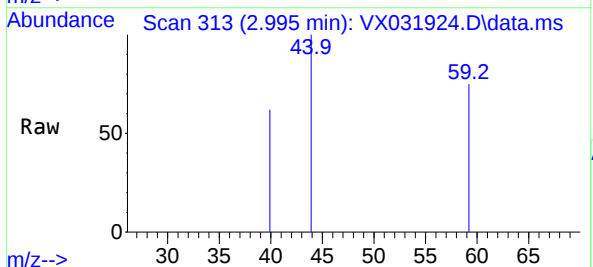
Instrument :
MSVOA_X
ClientSampleId :
257155-3

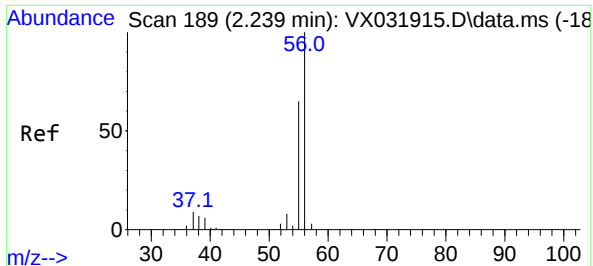
Tgt Ion:142 Resp: 522
Ion Ratio Lower Upper
142 100
127 45.6 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.461 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

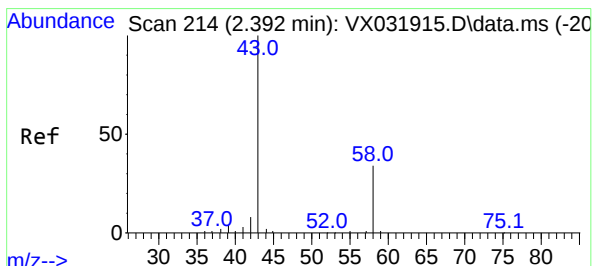
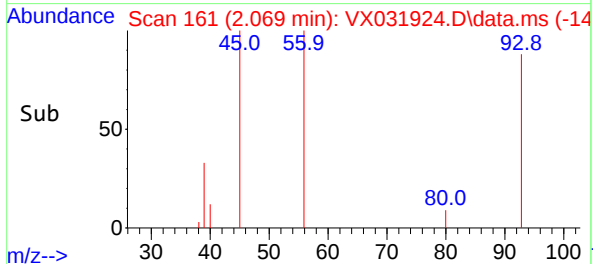
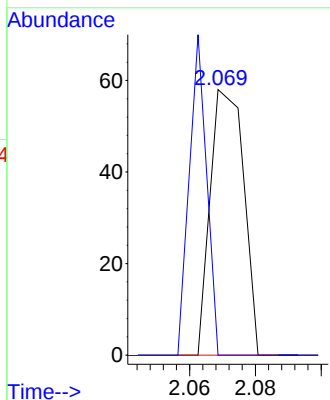
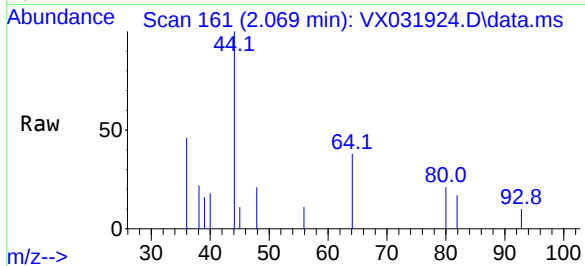




#13
Acrolein
Concen: Below Cal
RT: 2.069 min Scan# 11
Delta R.T. -0.170 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

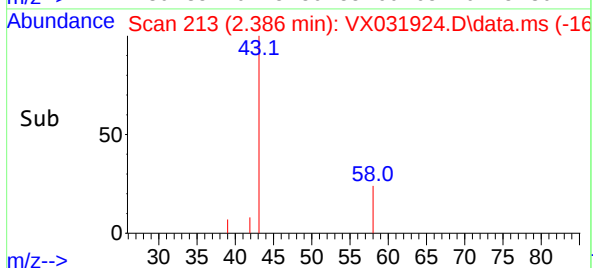
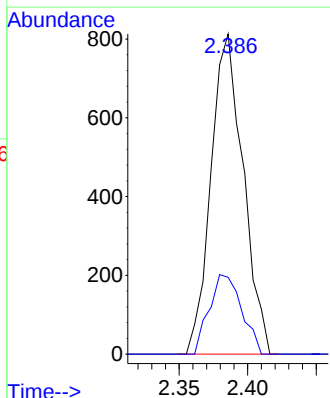
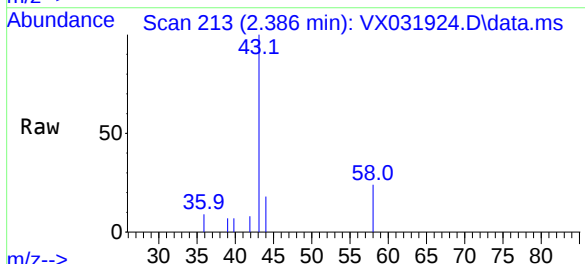
Instrument :
MSVOA_X
ClientSampleId :
257155-3

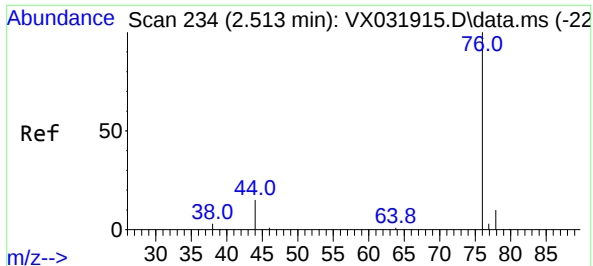
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 63.4 56.0 84.0



#16
Acetone
Concen: 2.952 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
58 24.0 23.8 35.8

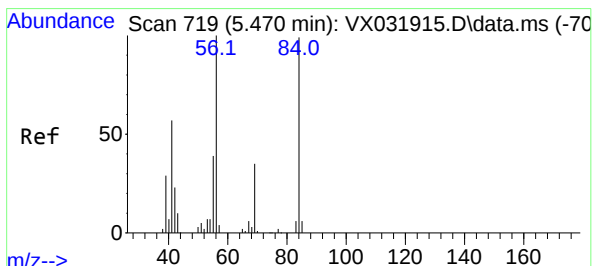
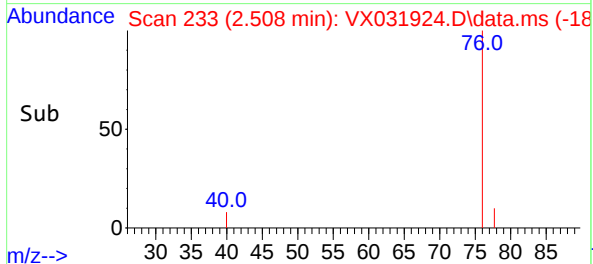
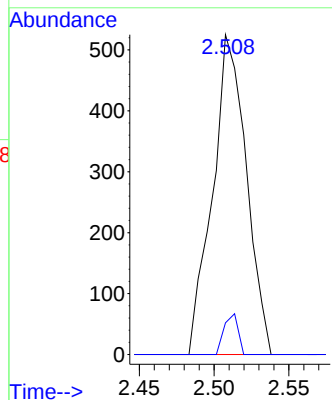
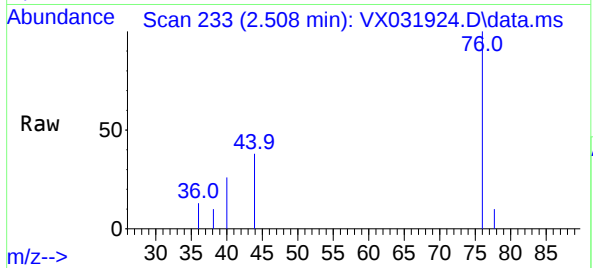




#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

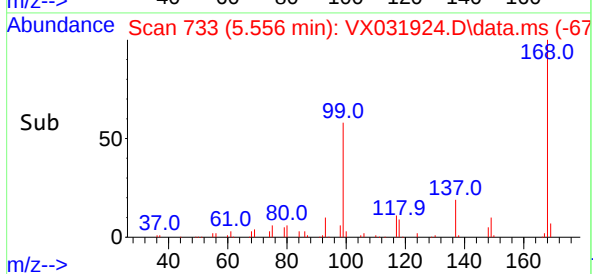
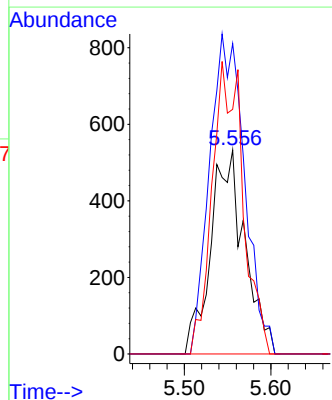
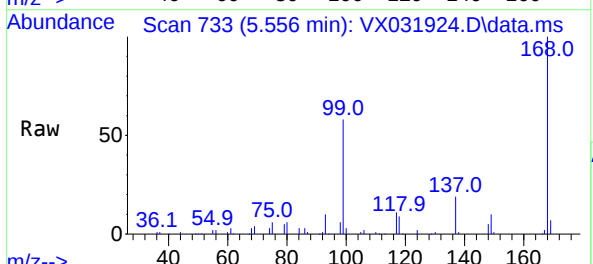
Instrument :
MSVOA_X
ClientSampleId :
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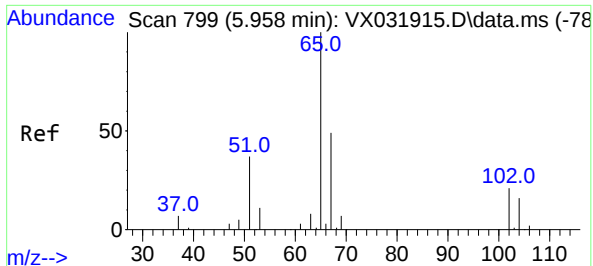
Tgt Ion: 76 Resp: 824
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#31
Cyclohexane
Concen: 0.915 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion: 56 Resp: 1448
Ion Ratio Lower Upper
56 100
69 152.2 25.1 37.7#
84 119.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.659 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031924.D

Acq: 06 Oct 2022 17:46

Instrument :

MSVOA_X

ClientSampleId :

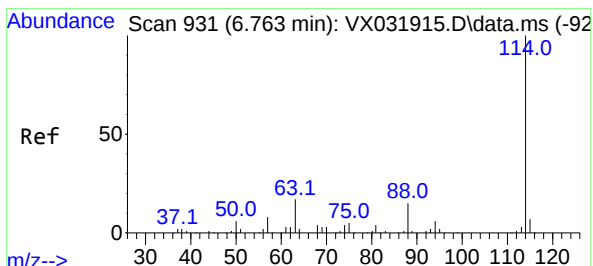
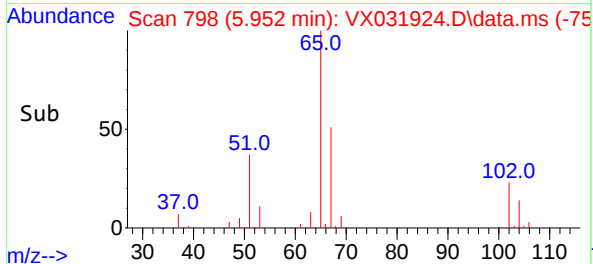
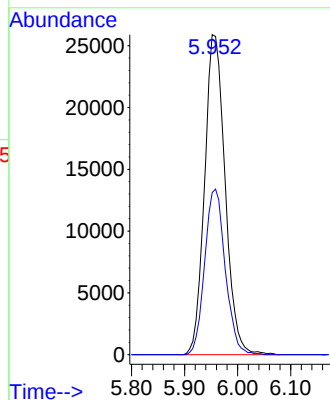
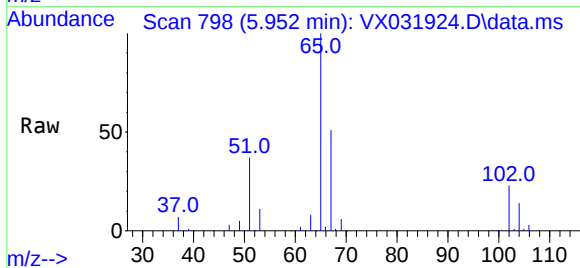
257155-3

Tgt Ion: 65 Resp: 69749

Ion Ratio Lower Upper

65 100

67 51.7 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: VX031924.D

Acq: 06 Oct 2022 17:46

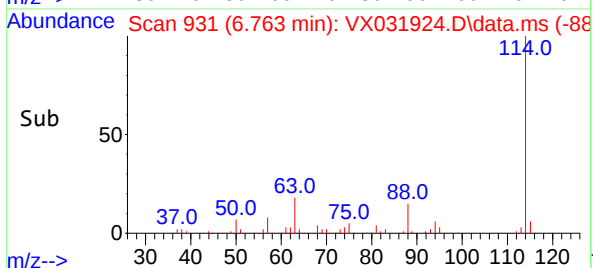
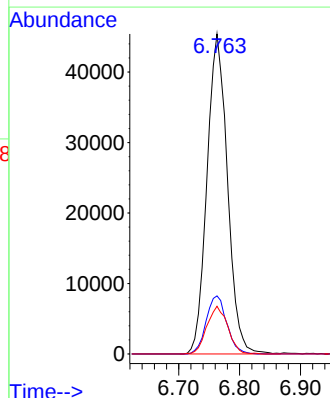
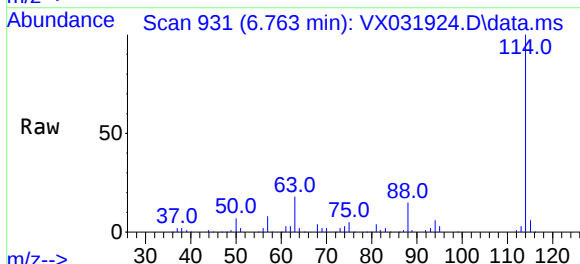
Tgt Ion: 114 Resp: 106026

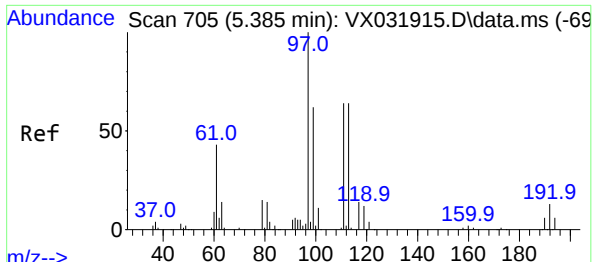
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

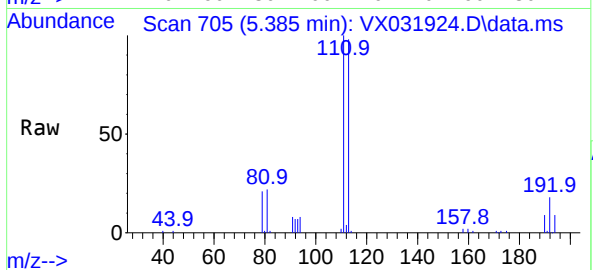
88 14.9 0.0 33.0



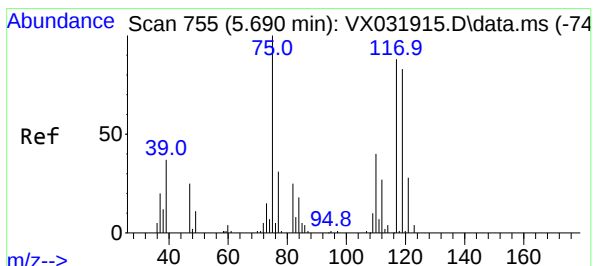
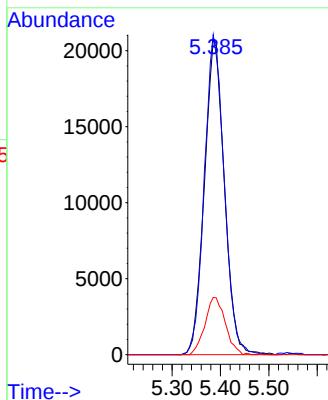
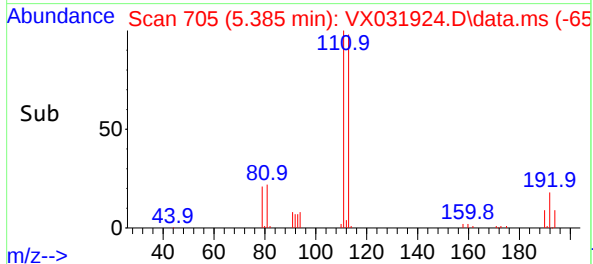


#35
Dibromofluoromethane
Concen: 49.679 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

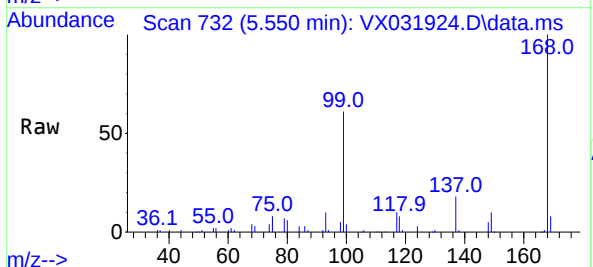
Instrument :
MSVOA_X
ClientSampleId :
257155-3



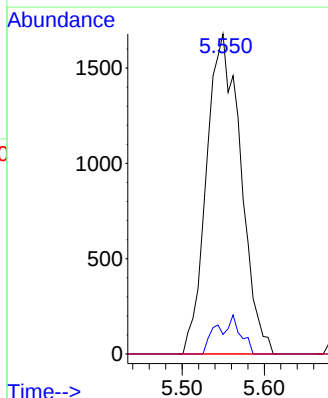
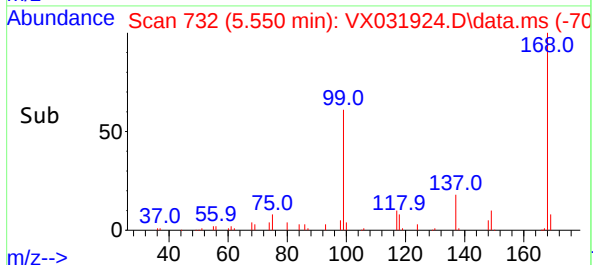
Tgt Ion:113 Resp: 59622
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 18.4 14.1 21.1

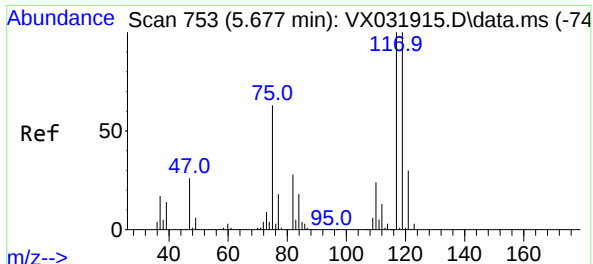


#36
1,1-Dichloropropene
Concen: 3.051 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46



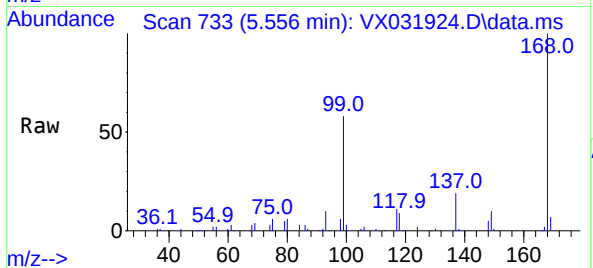
Tgt Ion: 75 Resp: 4855
Ion Ratio Lower Upper
75 100
110 3.6 17.5 52.5#
77 0.0 24.9 37.3#



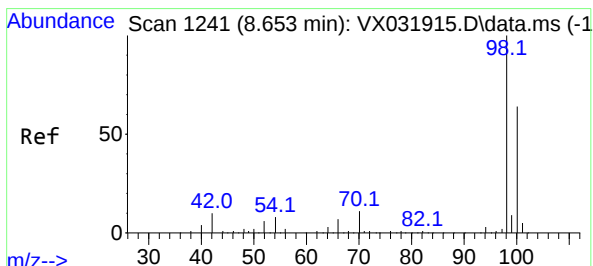
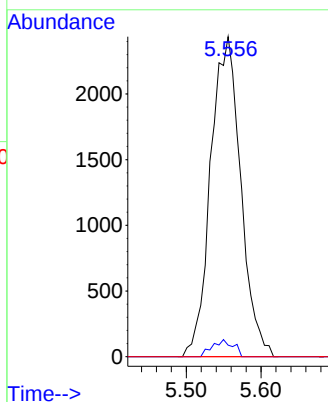
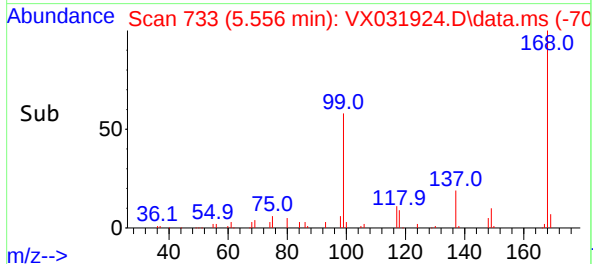


#38
Carbon Tetrachloride
Concen: 4.187 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :
257155-3

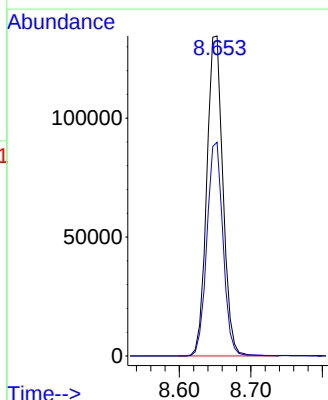
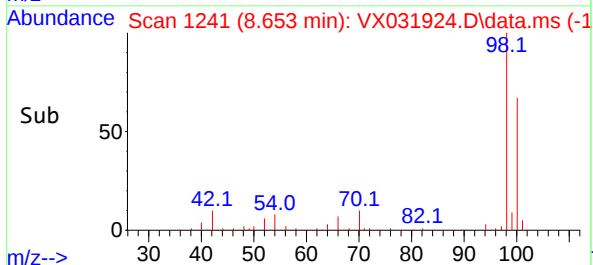
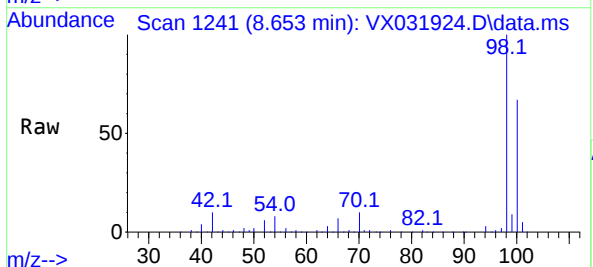


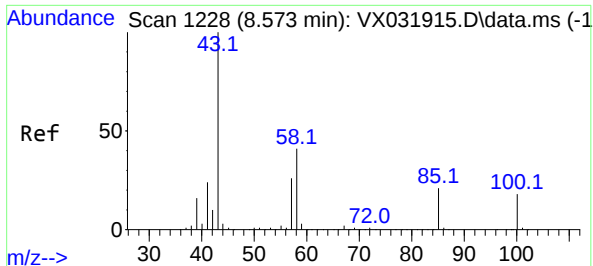
Tgt Ion:117 Resp: 6814
Ion Ratio Lower Upper
117 100
119 3.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.918 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion: 98 Resp: 211256
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.512 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.068 min

Lab File: VX031924.D

Acq: 06 Oct 2022 17:46

Instrument :

MSVOA_X

ClientSampleId :

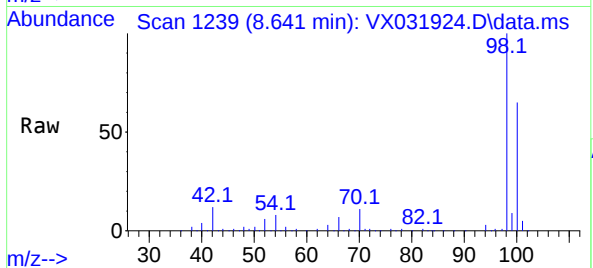
257155-3

Tgt Ion: 43 Resp: 771

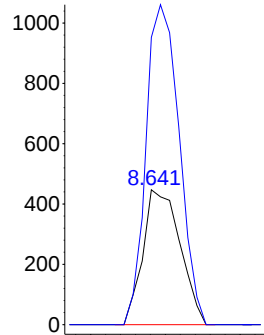
Ion Ratio Lower Upper

43 100

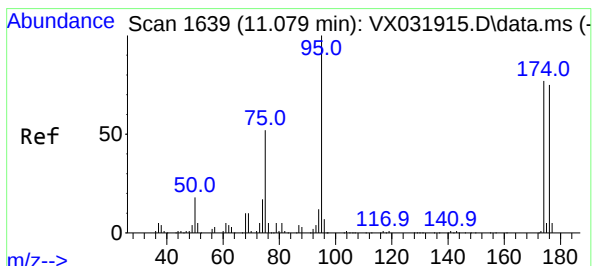
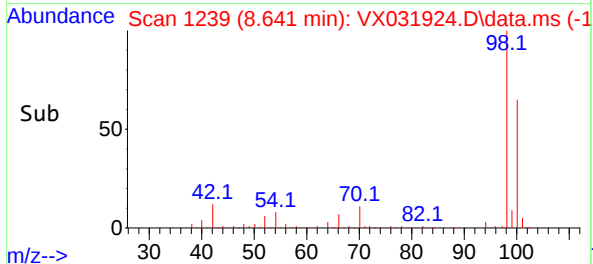
58 212.3 30.6 46.0#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 47.860 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031924.D

Acq: 06 Oct 2022 17:46

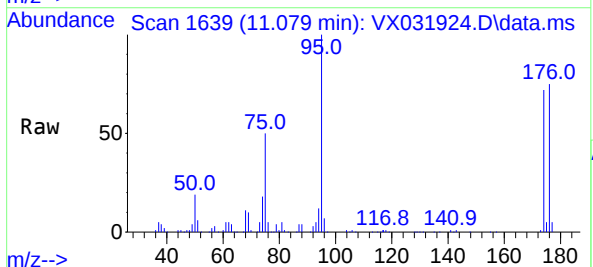
Tgt Ion: 95 Resp: 73070

Ion Ratio Lower Upper

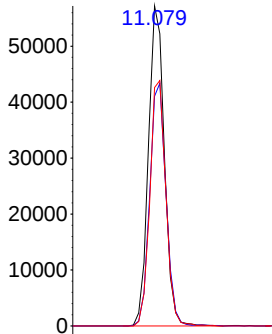
95 100

174 76.9 0.0 153.2

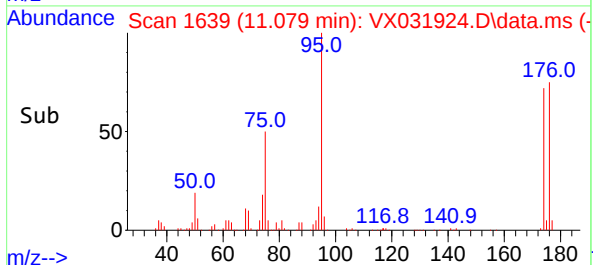
176 76.9 0.0 144.0

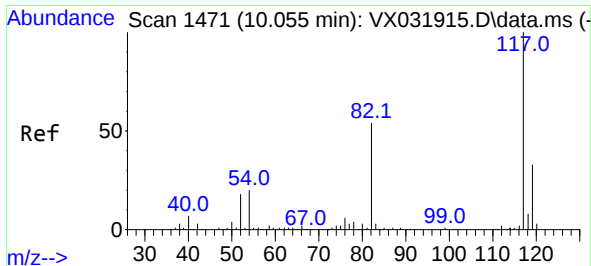


Abundance



Time-->

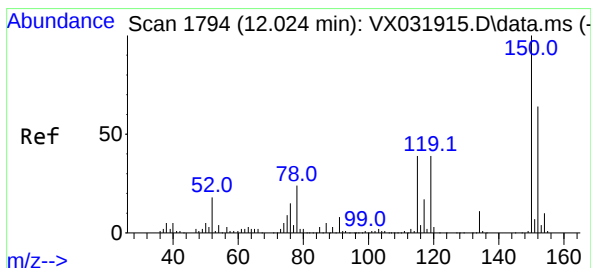
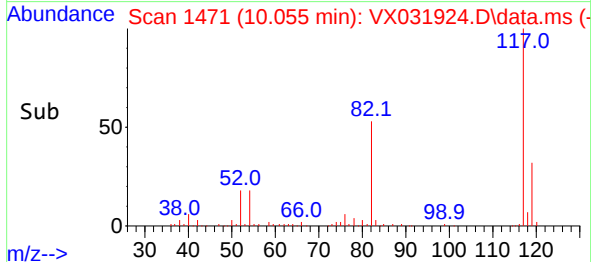
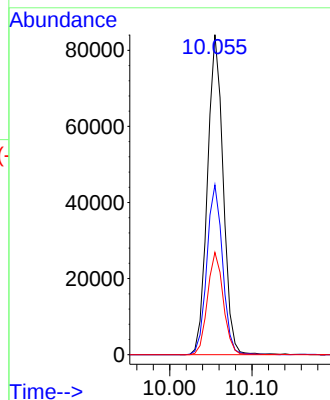
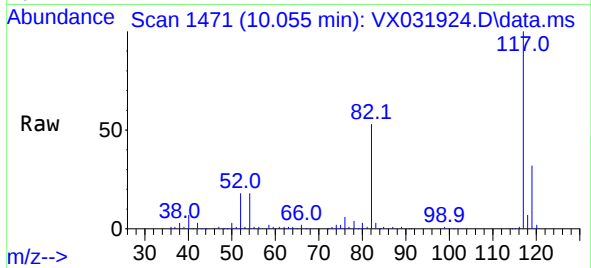




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

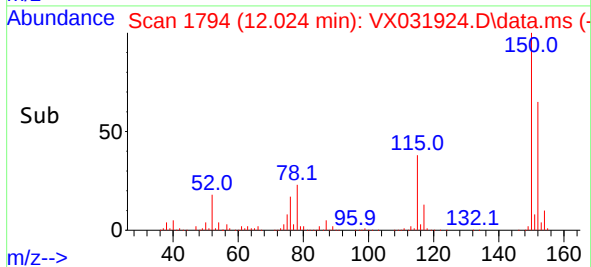
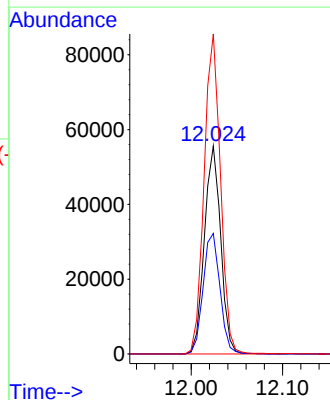
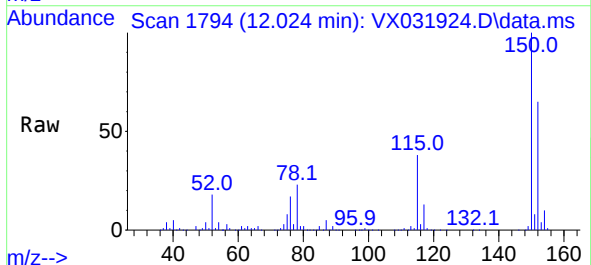
Instrument :
MSVOA_X
ClientSampleId :
257155-3

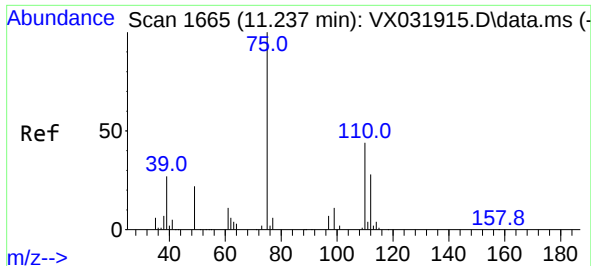
Tgt Ion:117 Resp: 111766
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Tgt Ion:152 Resp: 68838
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 154.3 0.0 346.8

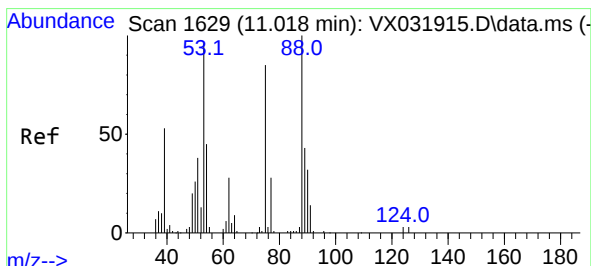
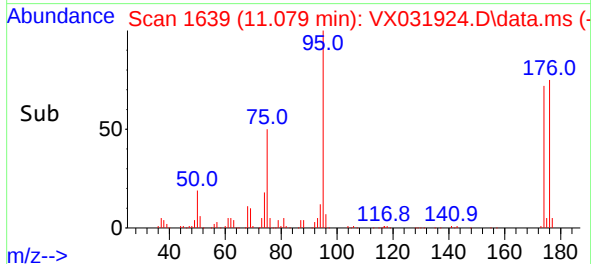
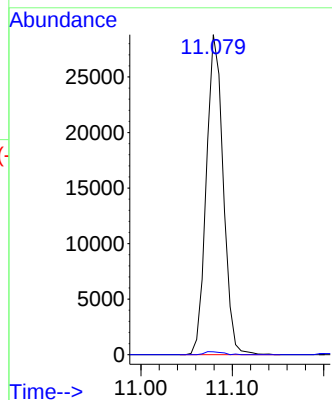
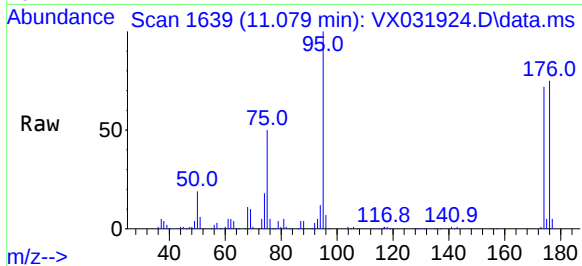




#76
1,2,3-Trichloropropane
Concen: 26.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

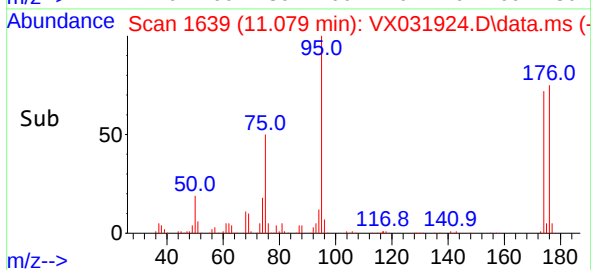
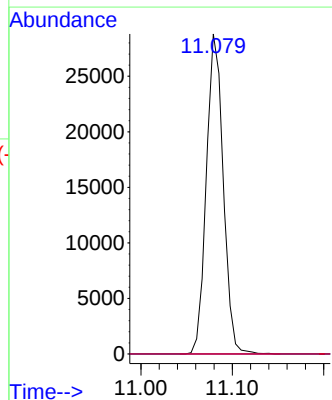
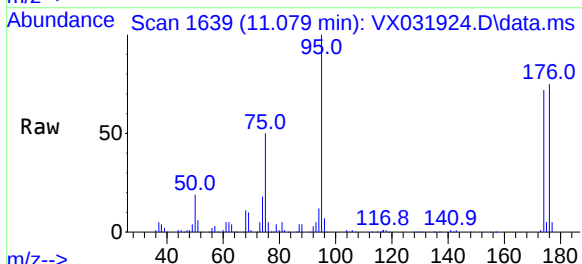
Instrument :
MSVOA_X
ClientSampleId :
257155-3

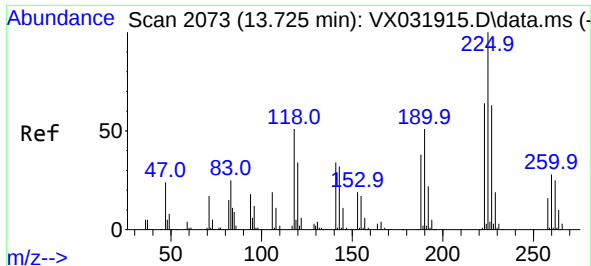
Tgt Ion: 75 Resp: 36833
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

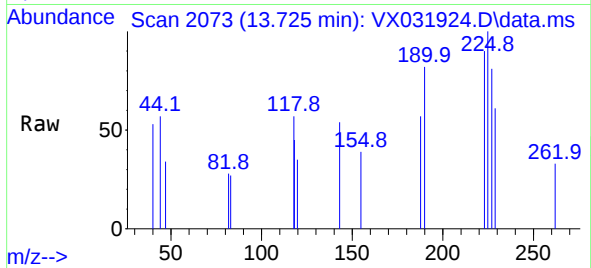
Tgt Ion: 75 Resp: 36833
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
Hexachlorobutadiene
Concen: 0.390 ug/l
RT: 13.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX031924.D
Acq: 06 Oct 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :
257155-3



Tgt Ion:	225	Resp:	232
Ion	Ratio	Lower	Upper
225	100		
223	90.1	30.8	92.4
227	76.3	32.3	96.9

