

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032138.D
 Acq On : 14 Oct 2022 16:40
 Operator : JC/MD
 Sample : N5151-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 256317-6

Quant Time: Oct 17 02:26:35 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)

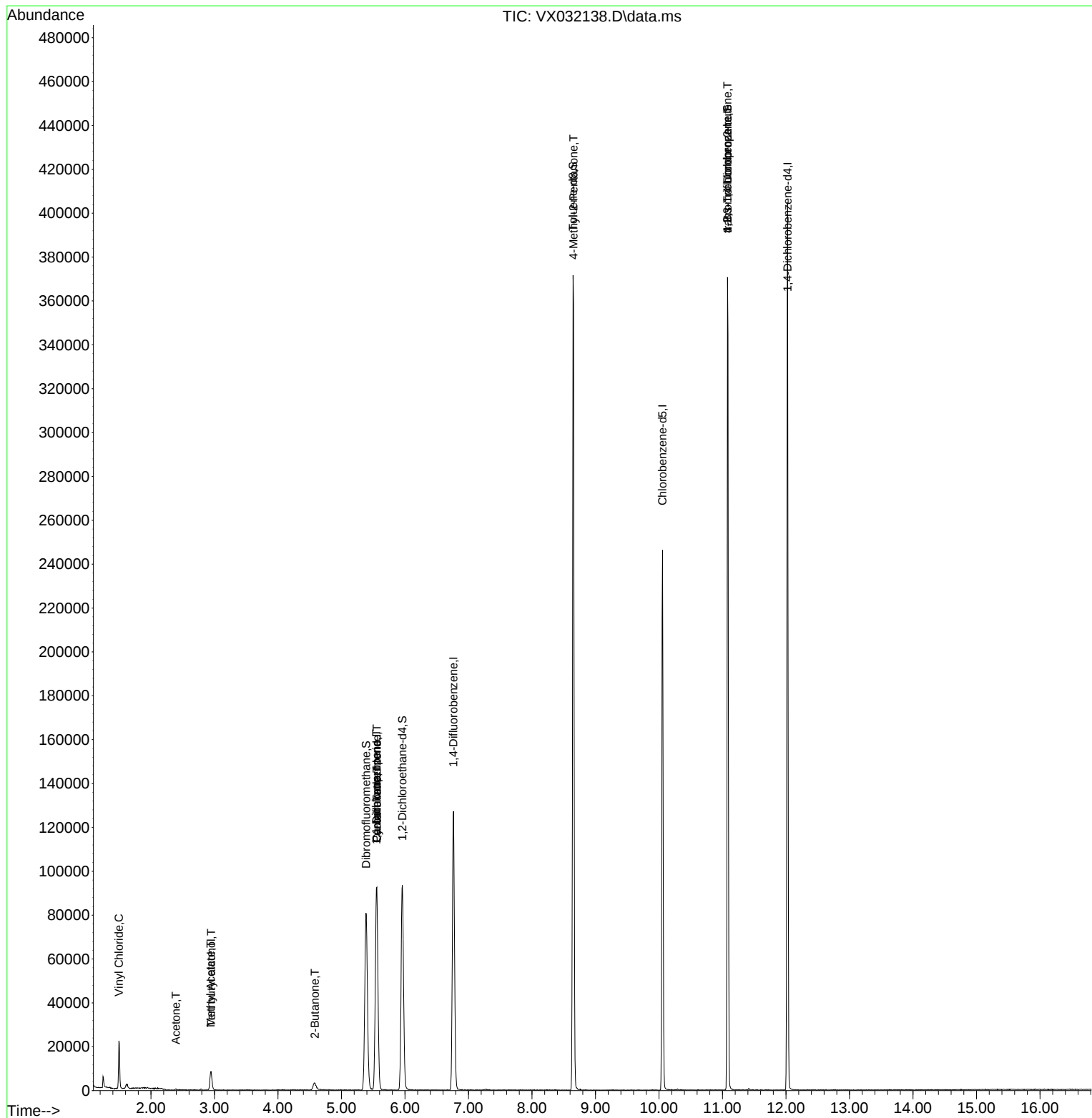
Internal Standards						
1) Pentafluorobenzene	5.556	168	83684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92824	53.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	5.385	113	69411	49.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.360%			
50) Toluene-d8	8.647	98	219286	43.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 86.360%			
62) 4-Bromofluorobenzene	11.079	95	94196	52.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.940%			
Target Compounds			Qvalue			
4) Vinyl Chloride	1.496	62	454	0.298	ug/l #	67
5) Bromomethane	1.618	94	380	Below Cal		84
11) Tert butyl alcohol	2.947	59	5012	23.309	ug/l #	73
16) Acetone	2.392	43	511	0.870	ug/l #	68
18) Methyl Acetate	2.941	43	801	0.413	ug/l #	52
25) 2-Butanone	4.581	43	280	0.305	ug/l #	49
31) Cyclohexane	5.556	56	2131	1.032	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	7576	4.048	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9359	4.891	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1058	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54022	34.436	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	54022	117.008	ug/l #	11

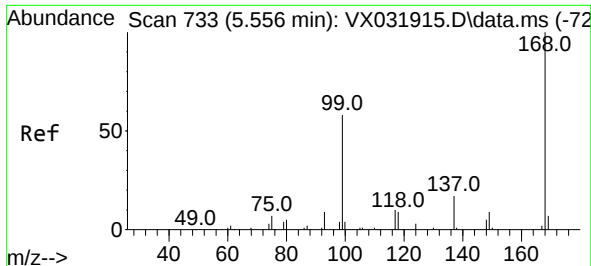
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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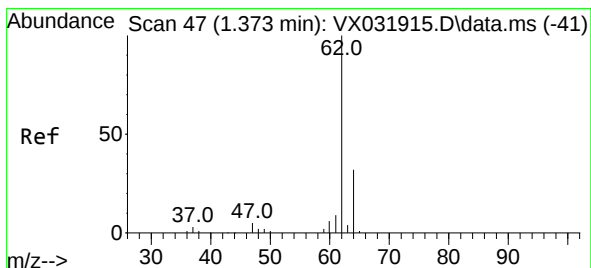
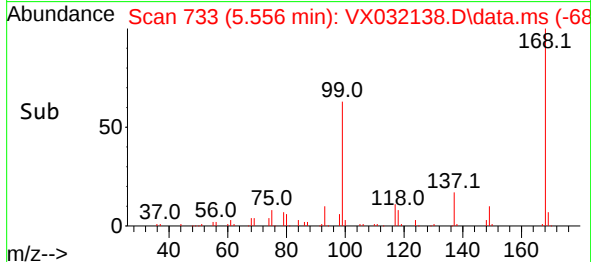
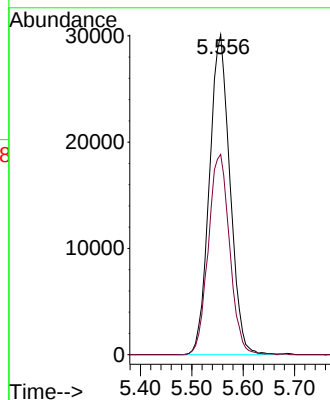
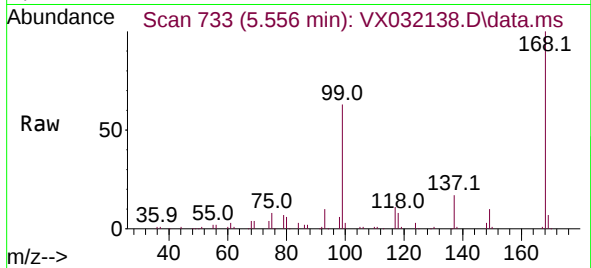




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

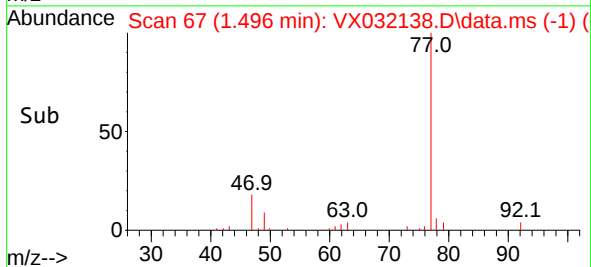
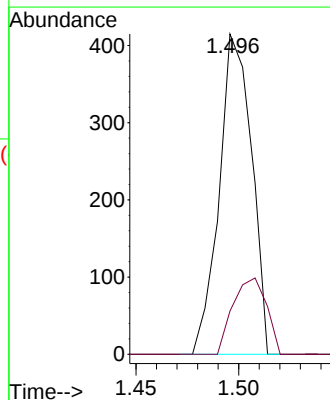
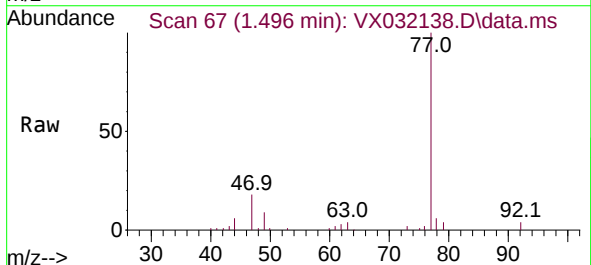
Instrument :
MSVOA_X
ClientSampleId :
256317-6

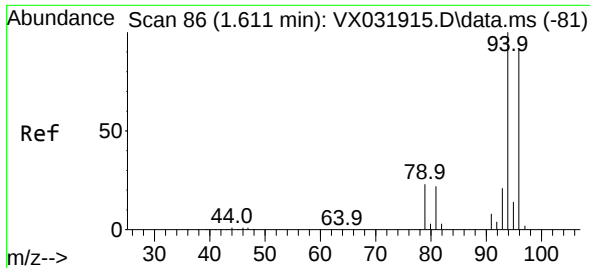
Tgt Ion:168 Resp: 83684
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#4
Vinyl Chloride
Concen: 0.298 ug/l
RT: 1.496 min Scan# 67
Delta R.T. 0.123 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Tgt Ion: 62 Resp: 454
Ion Ratio Lower Upper
62 100
64 13.5 25.3 37.9#

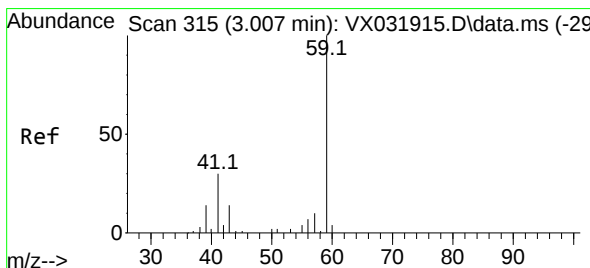
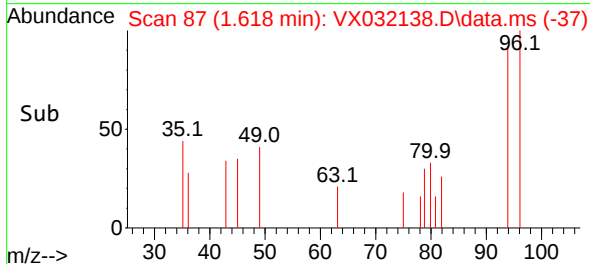
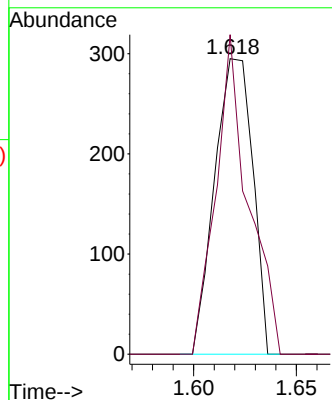
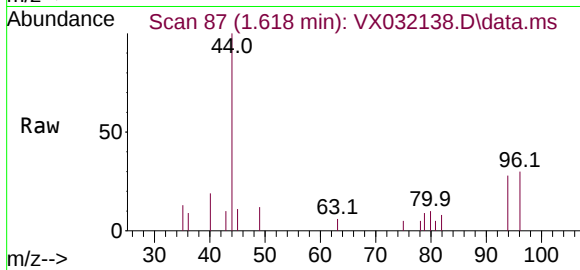




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

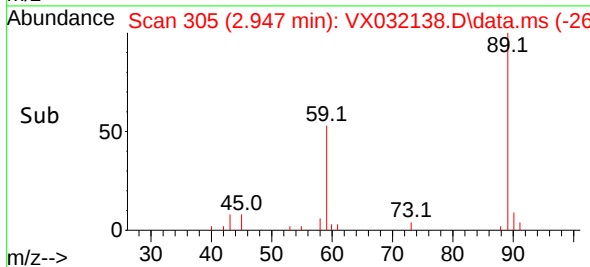
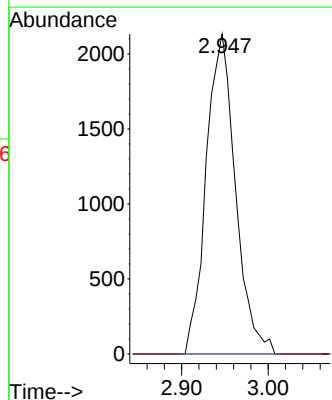
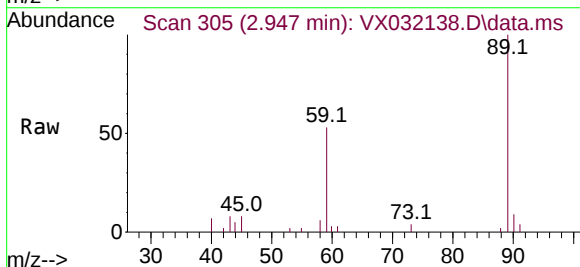
Instrument :
MSVOA_X
ClientSampleId :
256317-6

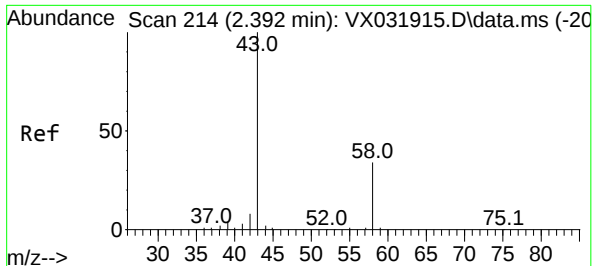
Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 108.1 74.4 111.6



#11
Tert butyl alcohol
Concen: 23.309 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Tgt Ion: 59 Resp: 5012
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

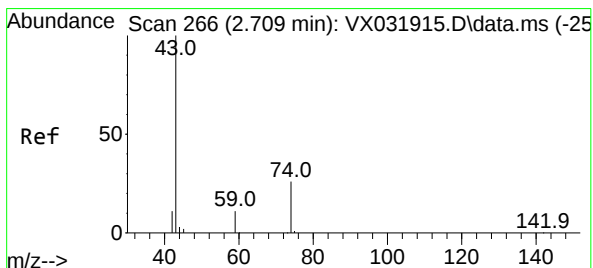
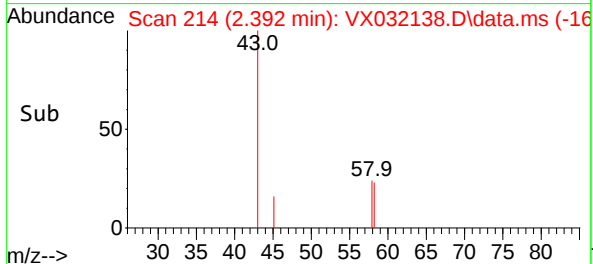
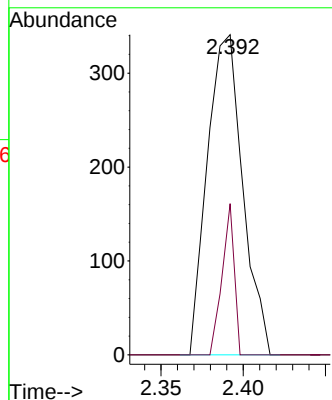
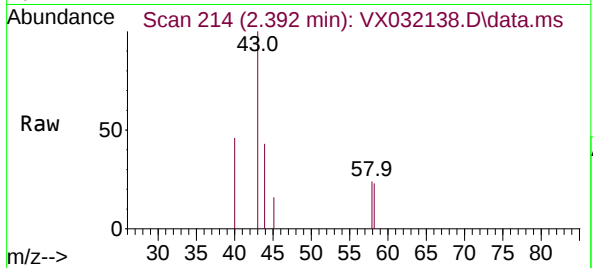




#16
Acetone
Concen: 0.870 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

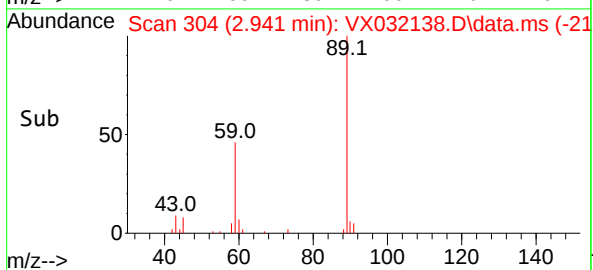
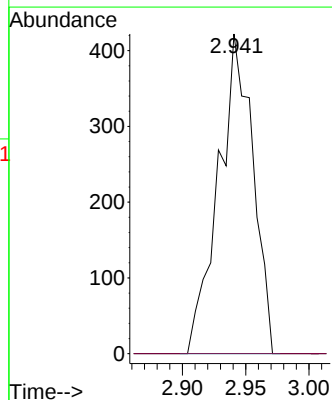
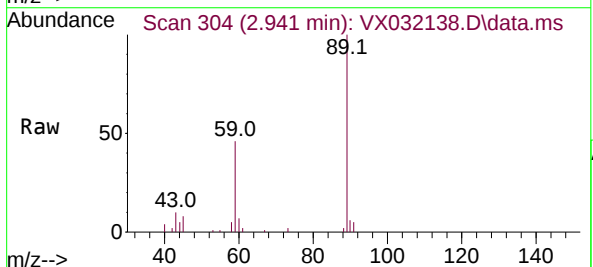
Instrument :
MSVOA_X
ClientSampleId :
256317-6

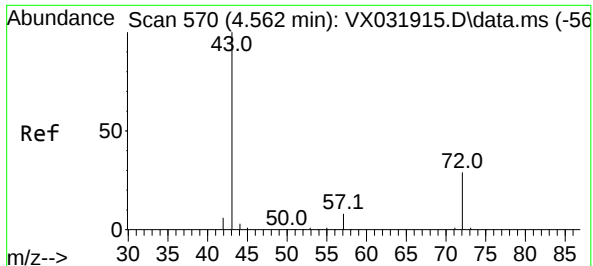
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 47.2 23.8 35.8#



#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#





#25

2-Butanone

Concen: 0.305 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

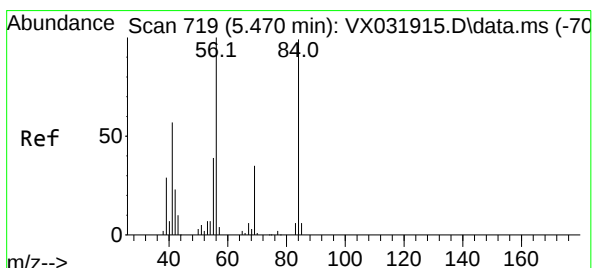
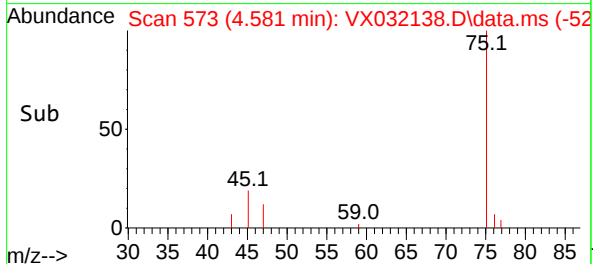
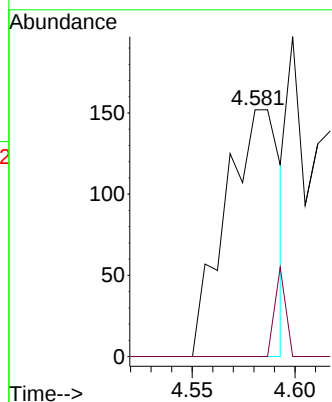
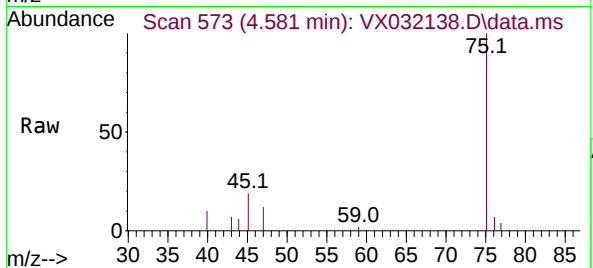
256317-6

Tgt Ion: 43 Resp: 280

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 1.032 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

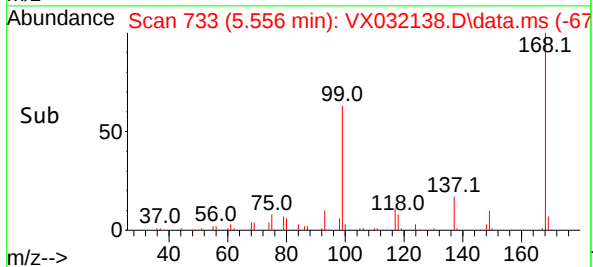
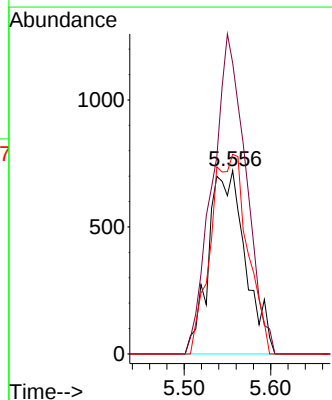
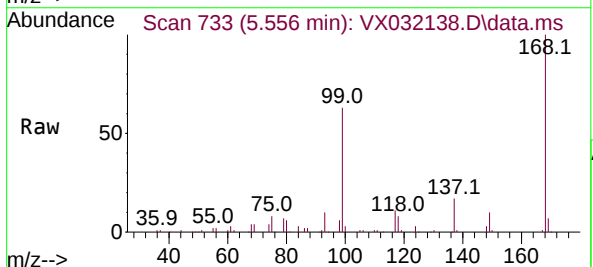
Tgt Ion: 56 Resp: 2131

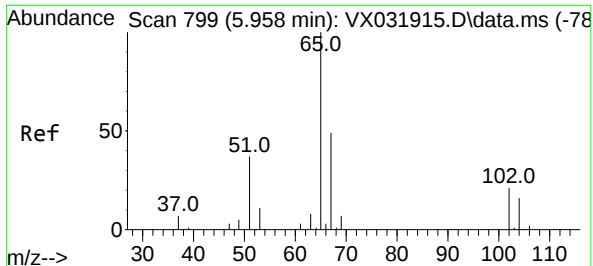
Ion Ratio Lower Upper

56 100

69 158.7 25.1 37.7#

84 108.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 53.710 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

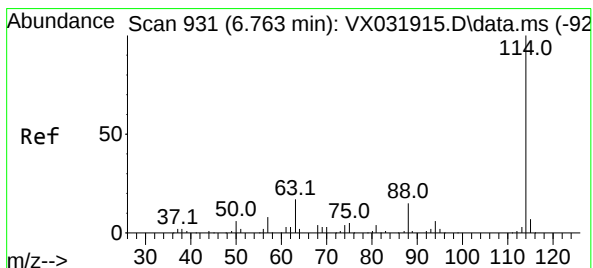
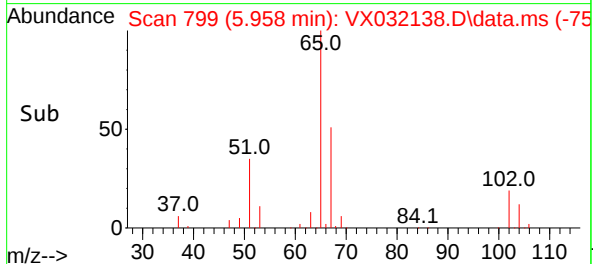
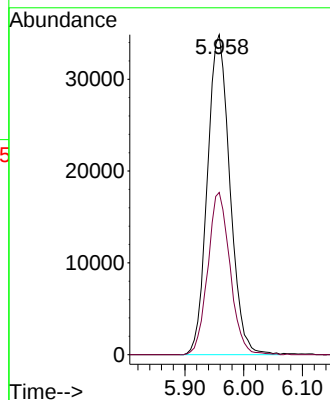
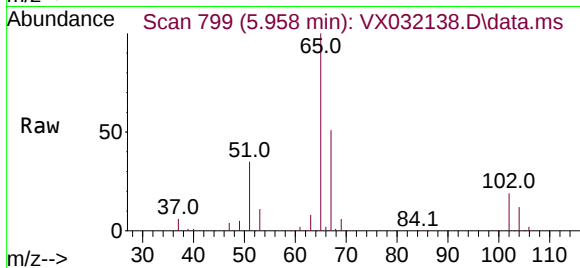
256317-6

Tgt Ion: 65 Resp: 92824

Ion Ratio Lower Upper

65 100

67 49.9 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: VX032138.D

Acq: 14 Oct 2022 16:40

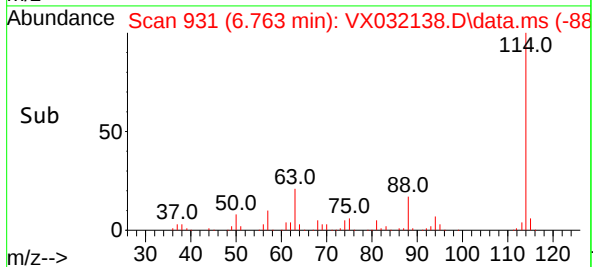
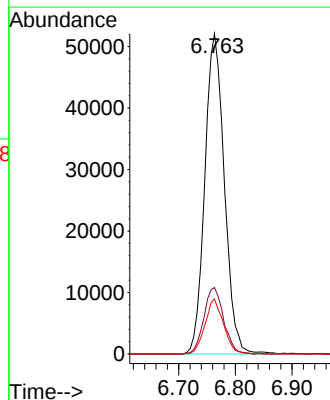
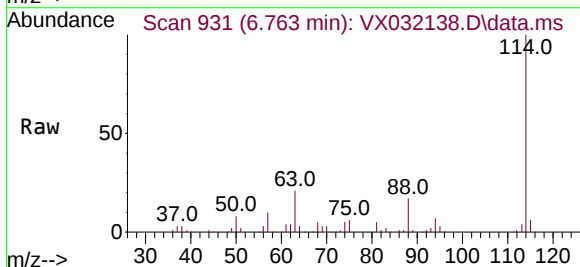
Tgt Ion: 114 Resp: 124677

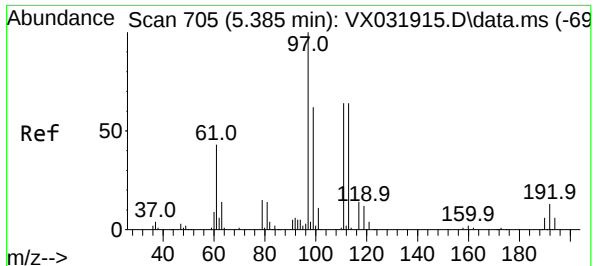
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 17.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.183 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

256317-6

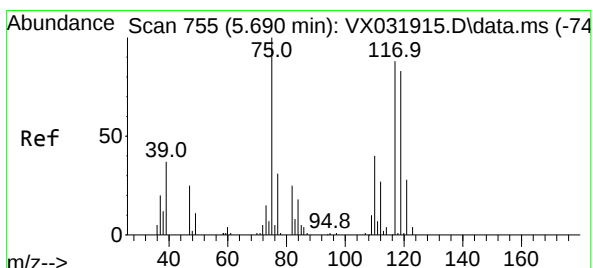
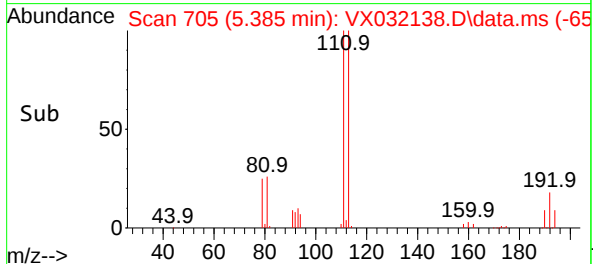
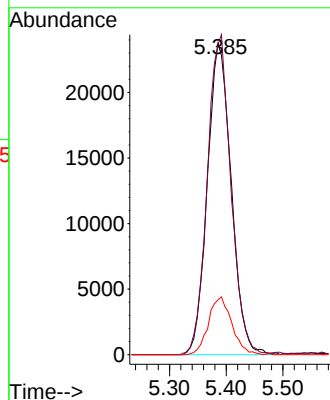
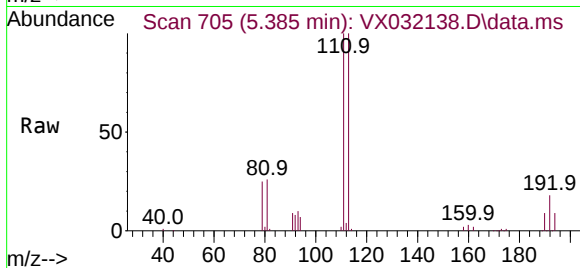
Tgt Ion:113 Resp: 69411

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.2 14.1 21.1



#36

1,1-Dichloropropene

Concen: 4.048 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

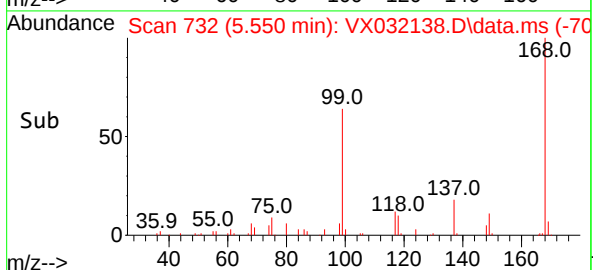
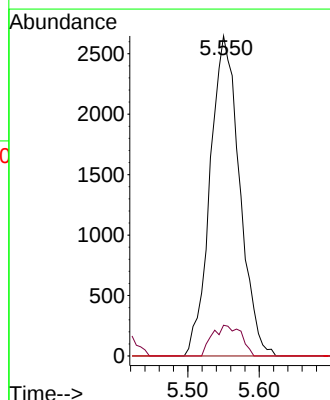
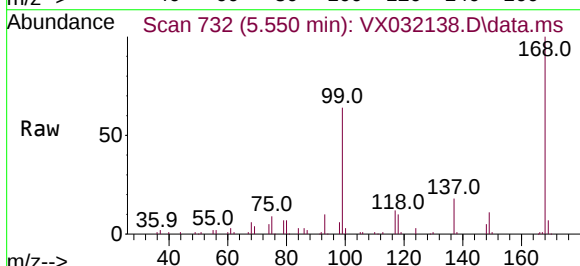
Tgt Ion: 75 Resp: 7576

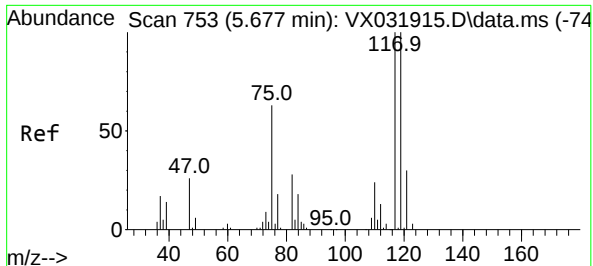
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

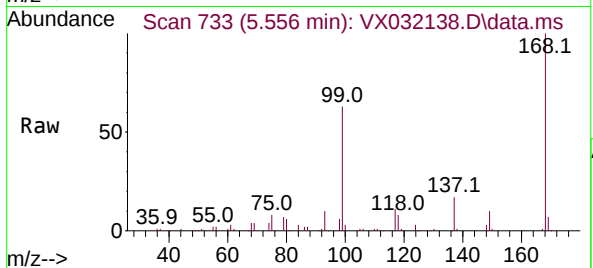
77 0.0 24.9 37.3#



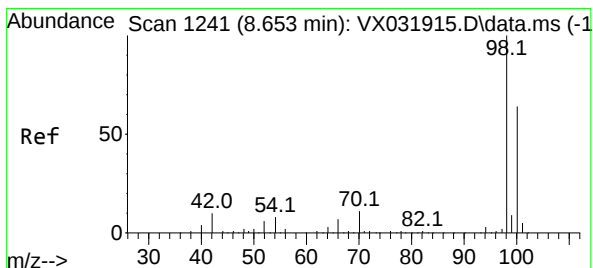
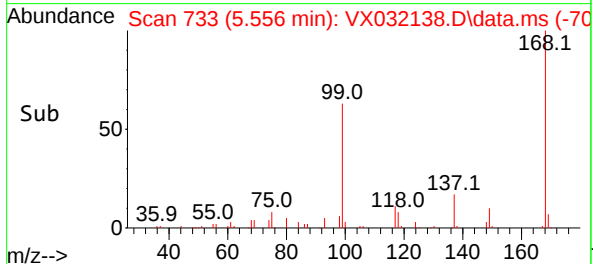
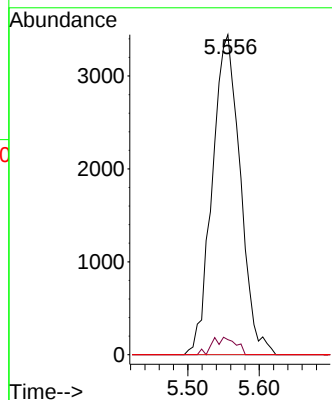


#38
Carbon Tetrachloride
Concen: 4.891 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Instrument :
MSVOA_X
ClientSampleId :
256317-6

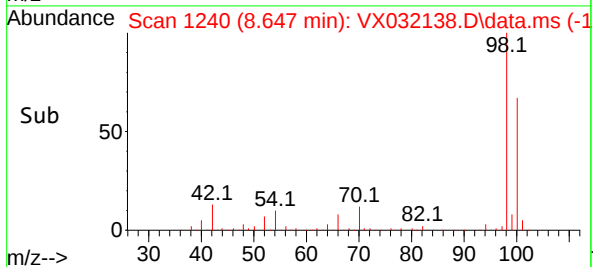
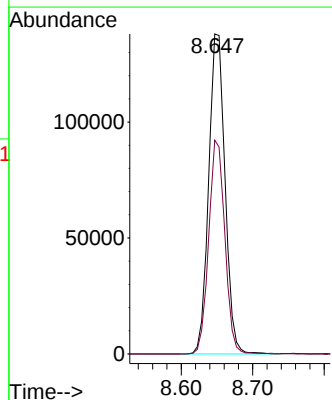
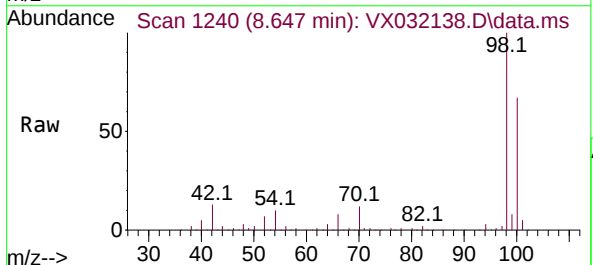


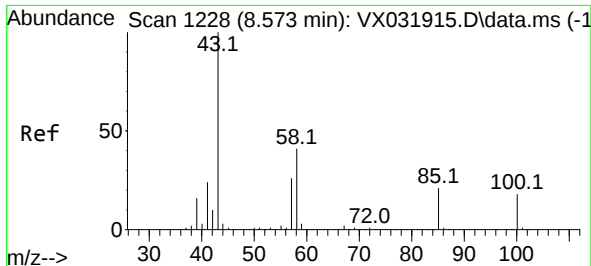
Tgt Ion:117 Resp: 9359
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 43.181 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Tgt Ion: 98 Resp: 219286
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.597 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

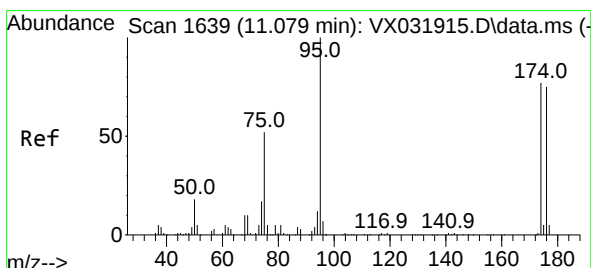
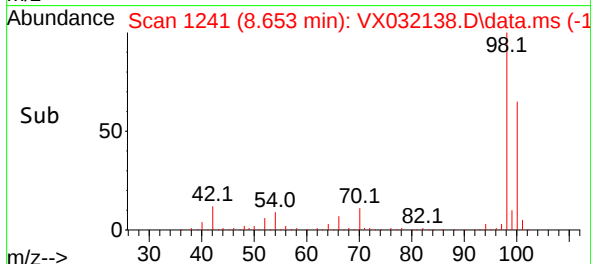
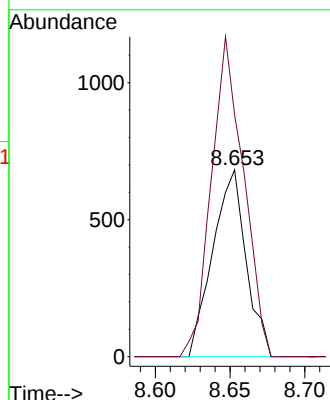
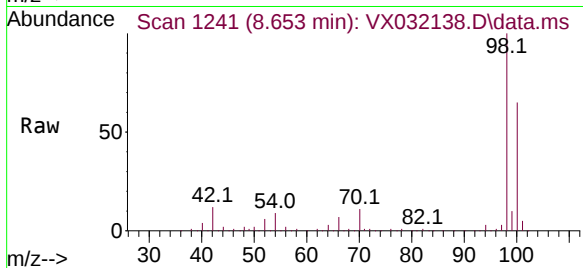
256317-6

Tgt Ion: 43 Resp: 1058

Ion Ratio Lower Upper

43 100

58 165.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 52.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

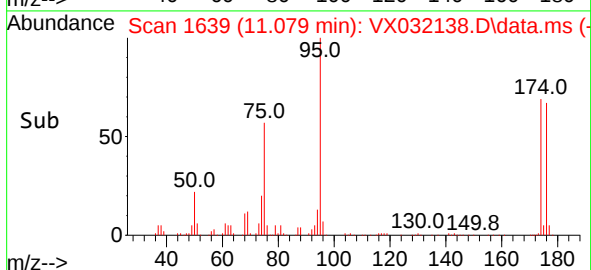
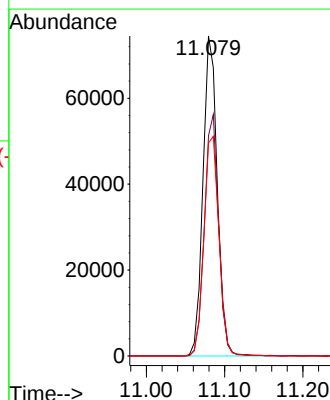
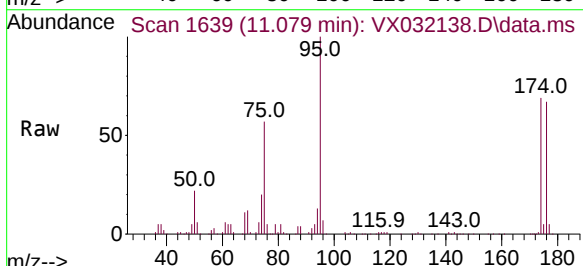
Tgt Ion: 95 Resp: 94196

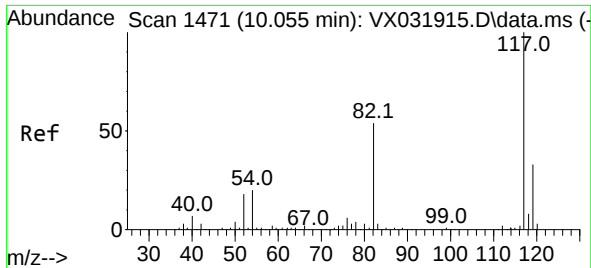
Ion Ratio Lower Upper

95 100

174 75.5 0.0 153.2

176 72.0 0.0 144.0

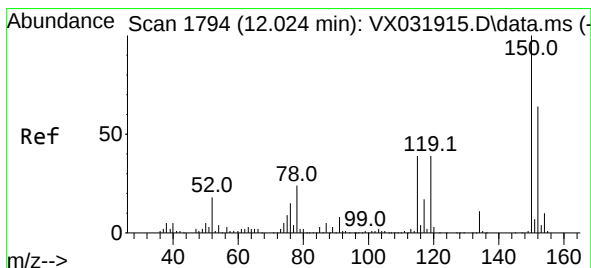
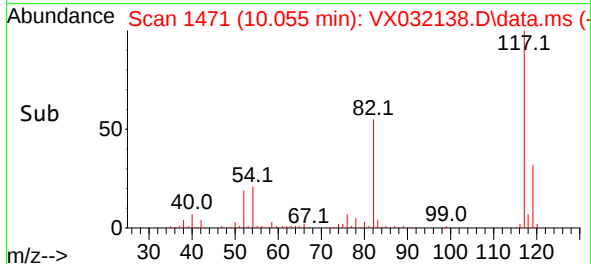
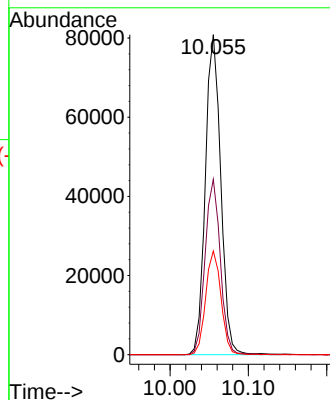
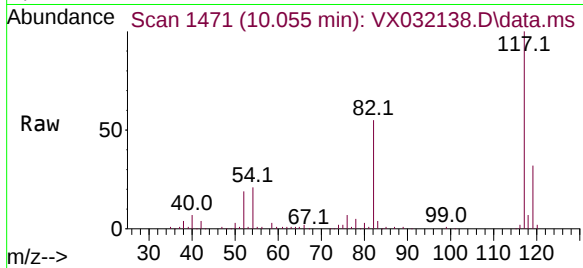




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

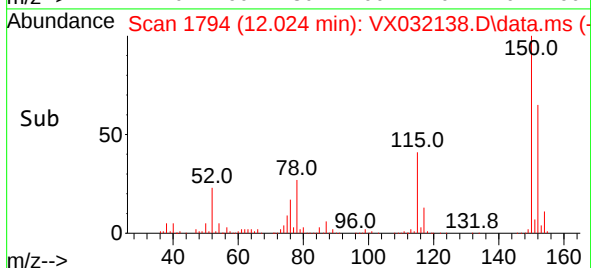
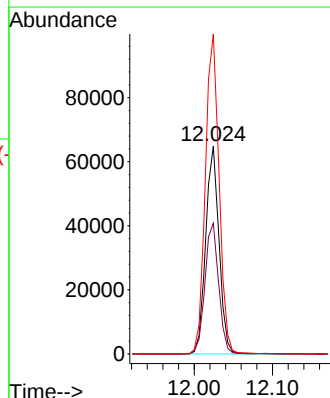
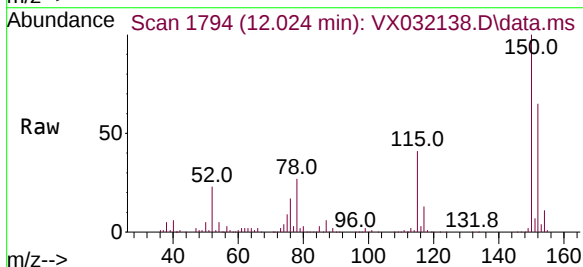
Instrument :
MSVOA_X
ClientSampleId :
256317-6

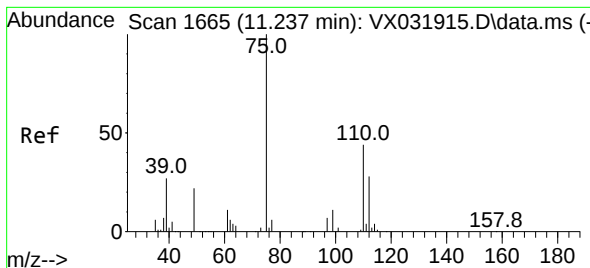
Tgt Ion:117 Resp: 110331
Ion Ratio Lower Upper
117 100
82 54.8 46.8 70.2
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032138.D
Acq: 14 Oct 2022 16:40

Tgt Ion:152 Resp: 76543
Ion Ratio Lower Upper
152 100
115 64.7 43.4 130.1
150 158.9 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 34.436 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

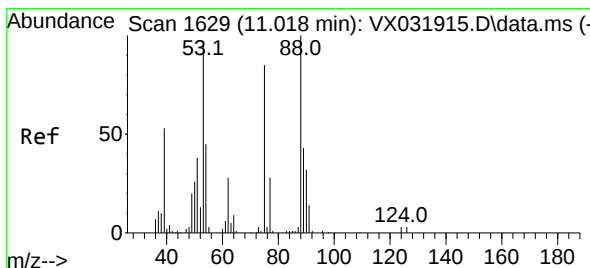
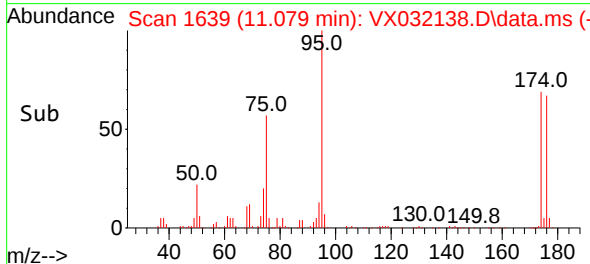
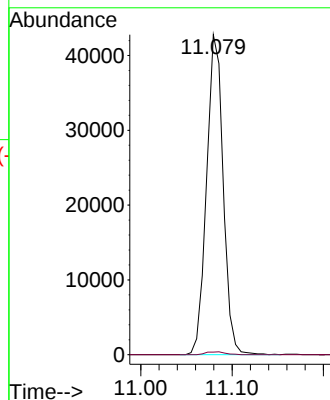
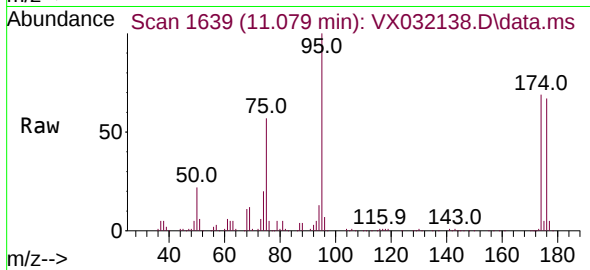
256317-6

Tgt Ion: 75 Resp: 54022

Ion Ratio Lower Upper

75 100

77 1.0 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.008 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX032138.D

Acq: 14 Oct 2022 16:40

Tgt Ion: 75 Resp: 54022

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.4 56.0#

