

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032662.D
 Acq On : 08 Nov 2022 18:23
 Operator : JC/MD
 Sample : N5415-09ME
 Misc : 5.06g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:41:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

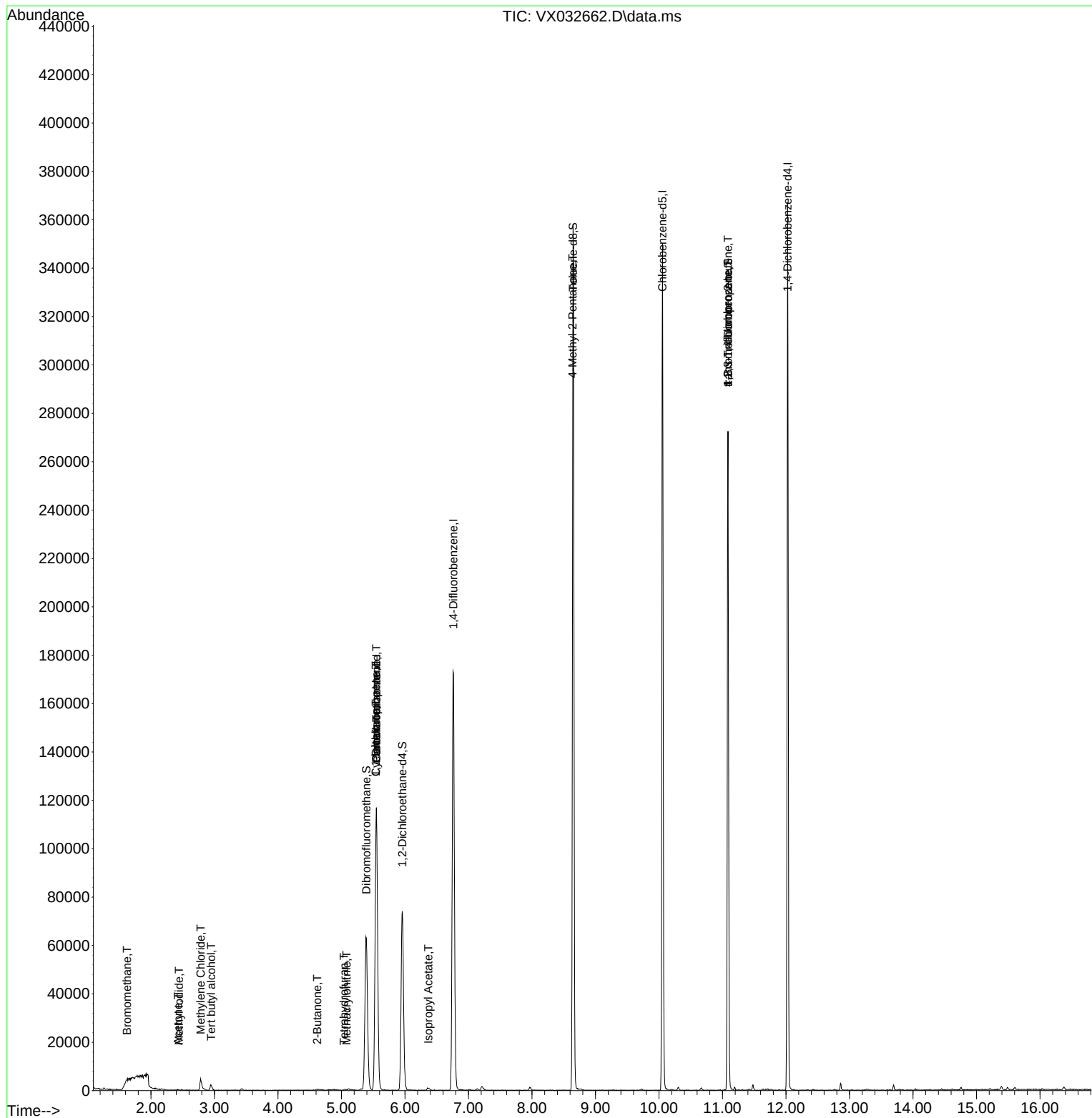
Internal Standards						
1) Pentafluorobenzene	5.550	168	108919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74936	49.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.020%		
35) Dibromofluoromethane	5.391	113	53622	42.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.380%		
50) Toluene-d8	8.647	98	213883	48.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.780%		
62) 4-Bromofluorobenzene	11.085	95	73143	42.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.720%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	364	0.390	ug/l #	41
10) Methyl Iodide	2.441	142	70	1.968	ug/l #	37
11) Tert butyl alcohol	2.947	59	1393	6.324	ug/l #	72
16) Acetone	2.429	43	348	0.633	ug/l #	45
20) Methylene Chloride	2.782	84	2679	2.124	ug/l #	84
25) 2-Butanone	4.617	43	815	0.956	ug/l #	70
29) Tetrahydrofuran	5.038	42	434	0.799	ug/l #	43
31) Cyclohexane	5.544	56	2408	1.312	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	8870	5.011	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11427	5.820	ug/l #	16
41) Methacrylonitrile	5.080	41	256	0.273	ug/l #	21
43) Isopropyl Acetate	6.367	43	583	0.206	ug/l #	61
51) 4-Methyl-2-Pentanone	8.641	43	982	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	39696	23.916	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	39696	76.101	ug/l #	6

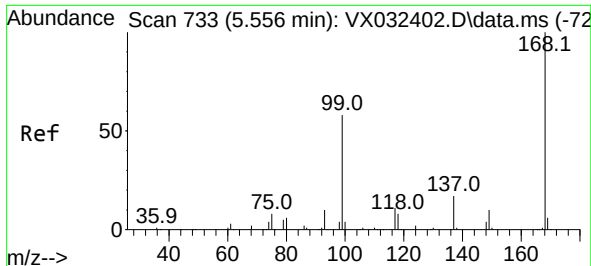
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 09 04:41:25 2022
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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

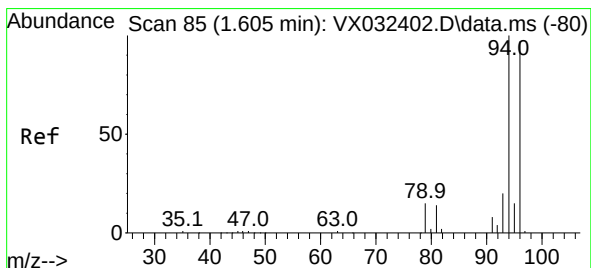
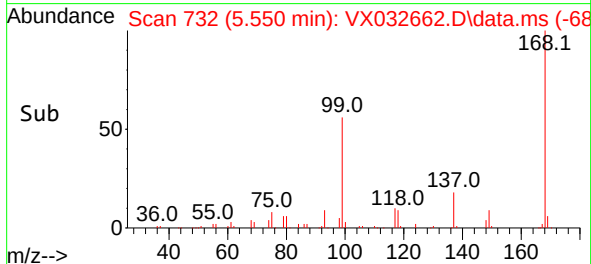
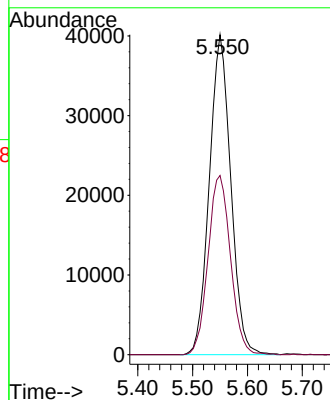
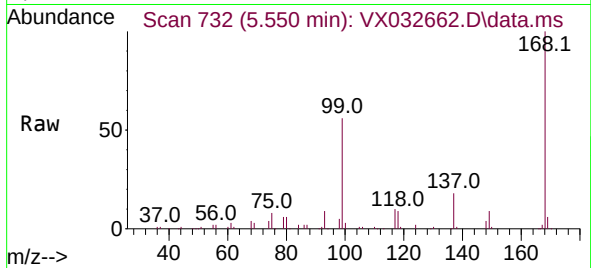




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

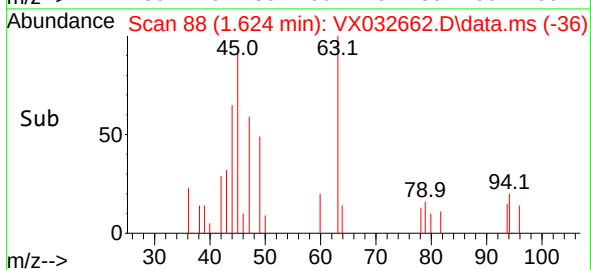
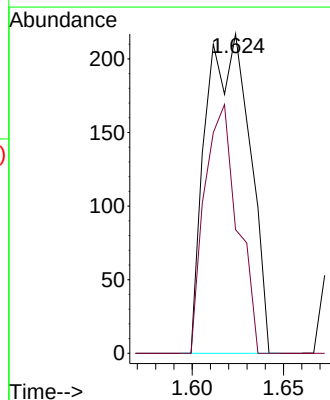
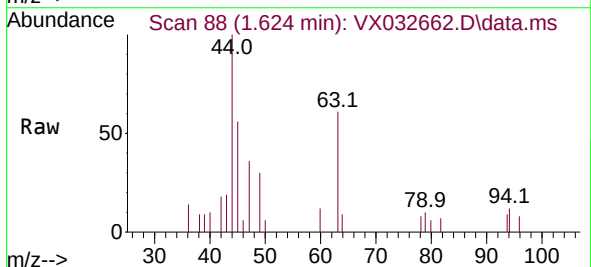
Instrument :
MSVOA_X
ClientSampleId :

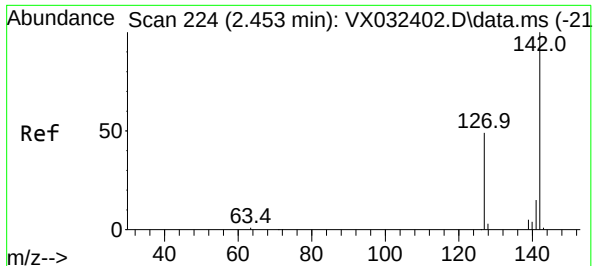
Tgt Ion:168 Resp: 108919
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#5
Bromomethane
Concen: 0.390 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

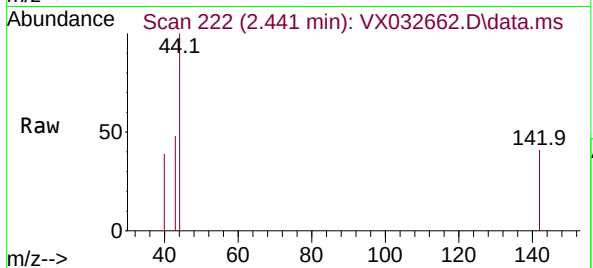
Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 38.7 77.6 116.4#



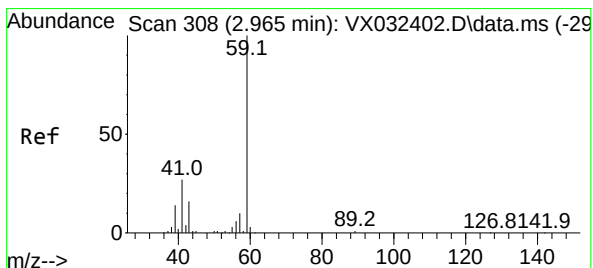
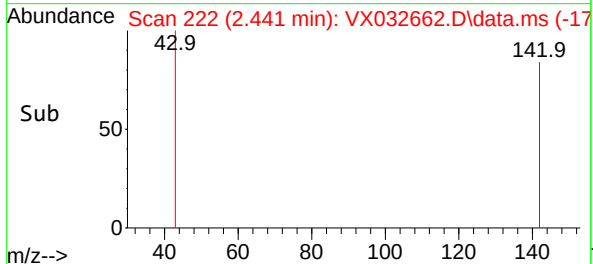
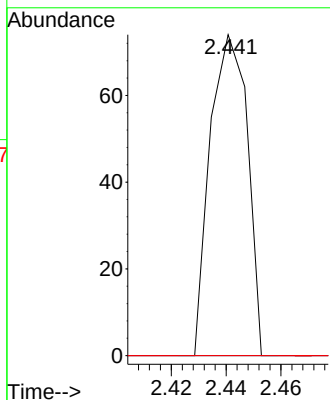


#10
Methyl Iodide
Concen: 1.968 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :

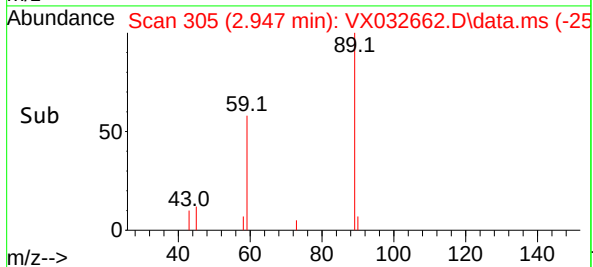
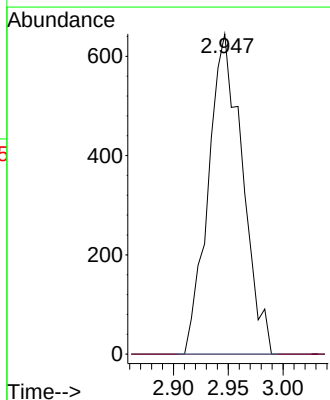
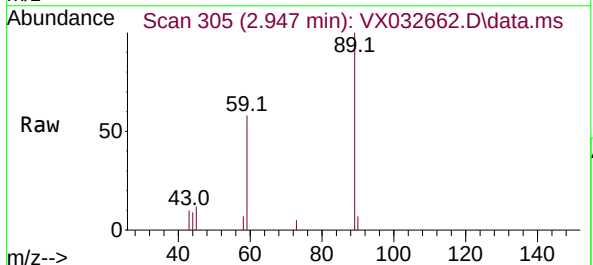


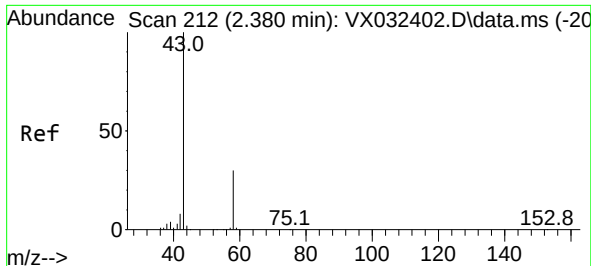
Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 6.324 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Tgt Ion: 59 Resp: 1393
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

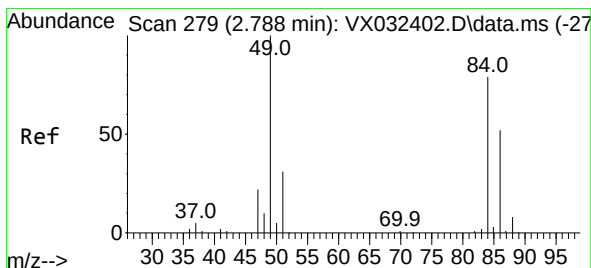
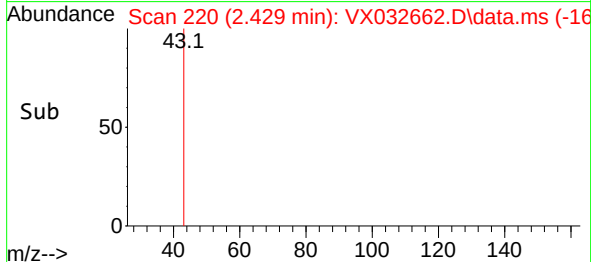
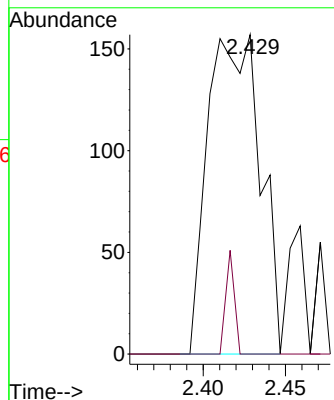
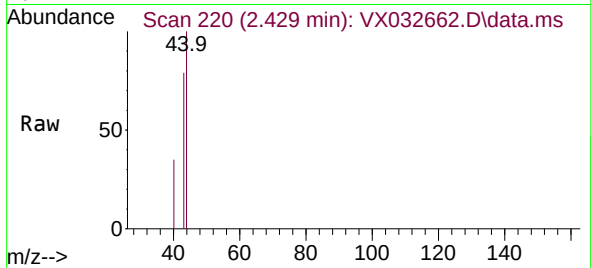




#16
Acetone
Concen: 0.633 ug/l
RT: 2.429 min Scan# 212
Delta R.T. 0.049 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

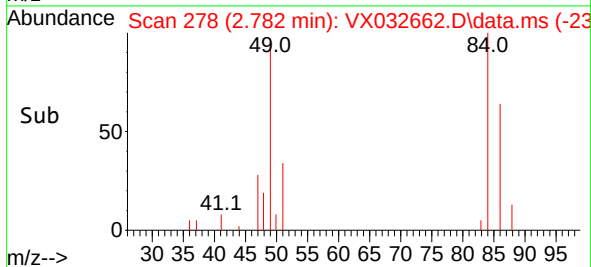
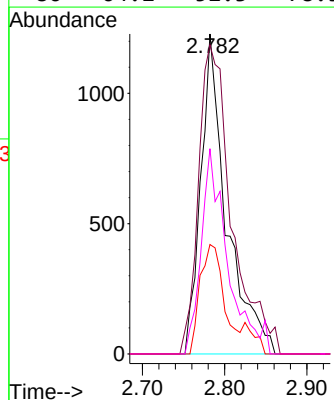
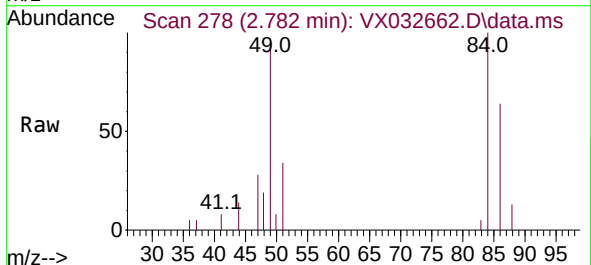
Instrument :
MSVOA_X
ClientSampleId :

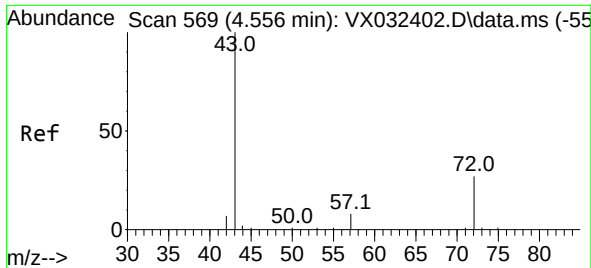
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 2.124 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Tgt Ion: 84 Resp: 2679
Ion Ratio Lower Upper
84 100
49 96.6 101.0 151.6#
51 34.2 31.1 46.7
86 64.2 52.3 78.5

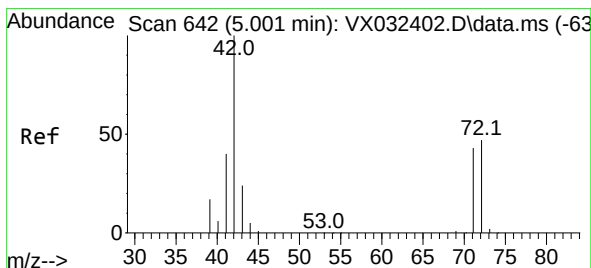
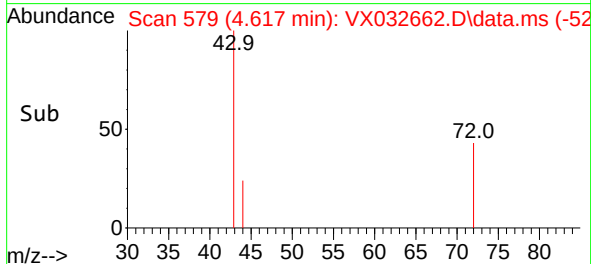
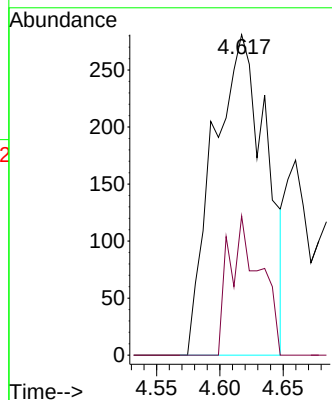
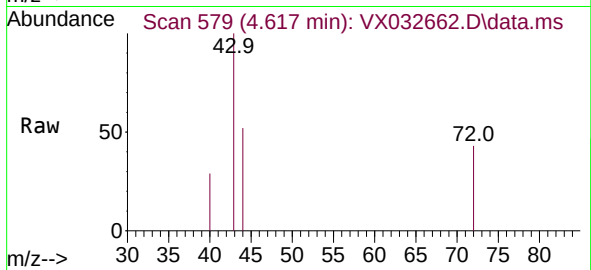




#25
2-Butanone
Concen: 0.956 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

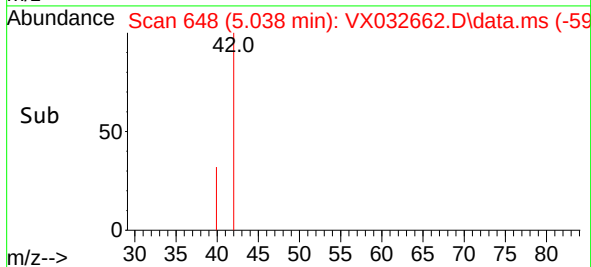
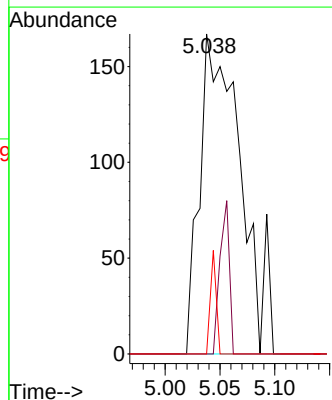
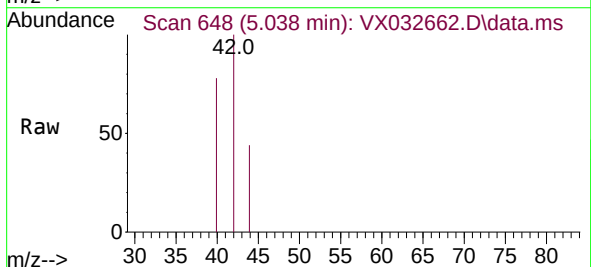
Instrument :
MSVOA_X
ClientSampleId :

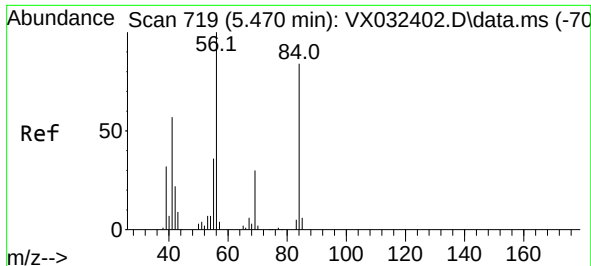
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
72 43.4 22.2 33.2#



#29
Tetrahydrofuran
Concen: 0.799 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

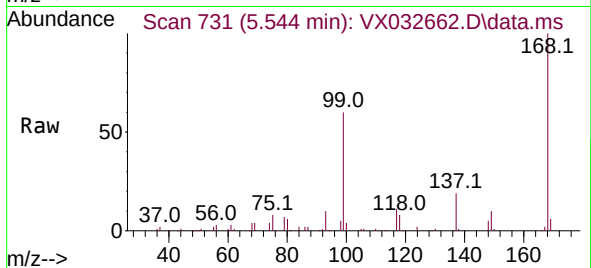
Tgt Ion: 42 Resp: 434
Ion Ratio Lower Upper
42 100
72 11.1 37.6 56.4#
71 4.6 34.7 52.1#



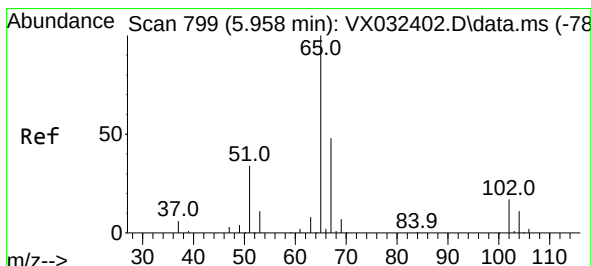
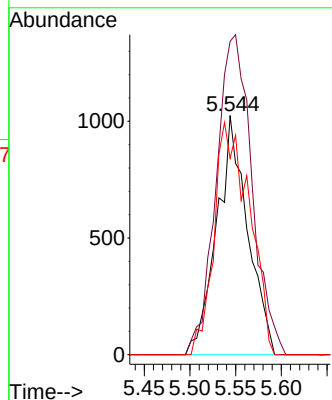
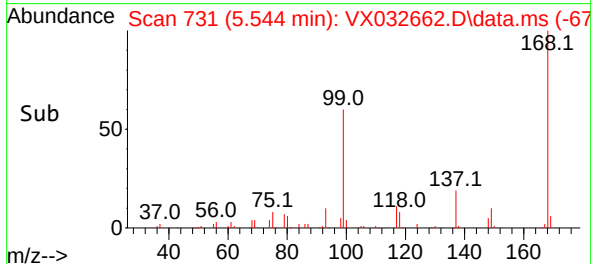


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :

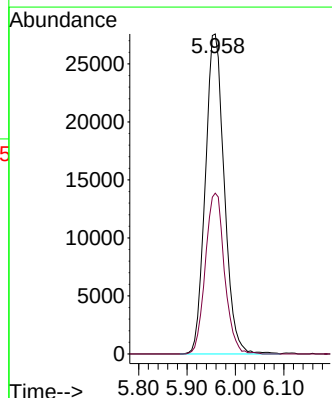
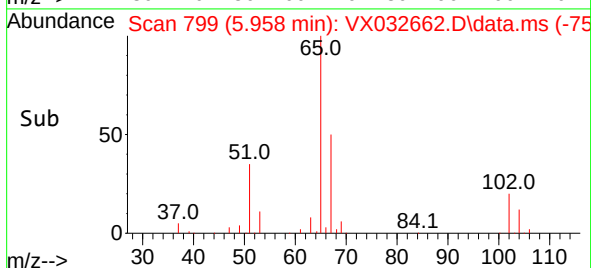
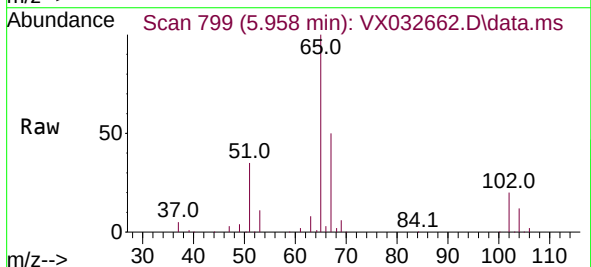


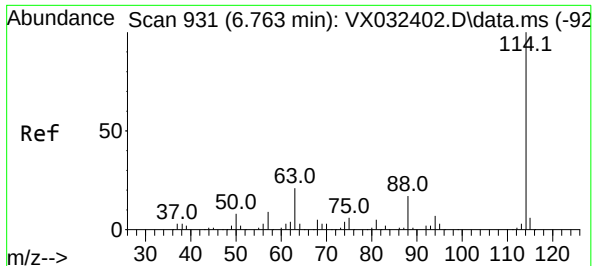
Tgt Ion: 56 Resp: 2408
Ion Ratio Lower Upper
56 100
69 130.9 24.1 36.1#
84 82.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Tgt Ion: 65 Resp: 74936
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

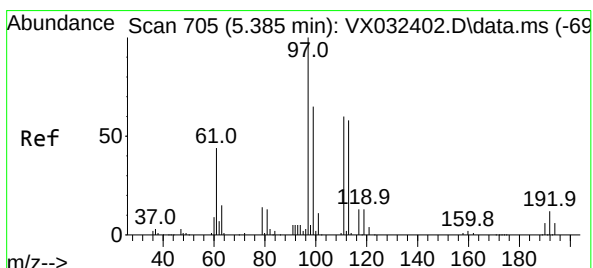
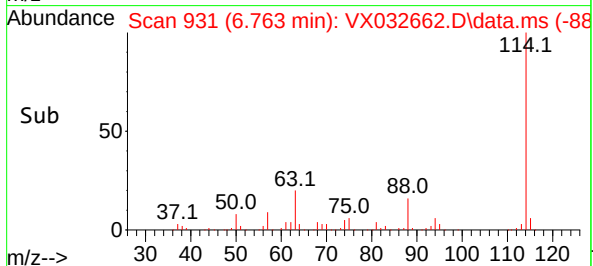
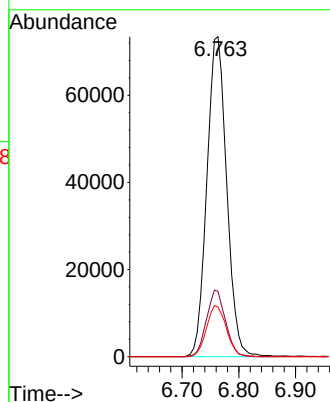
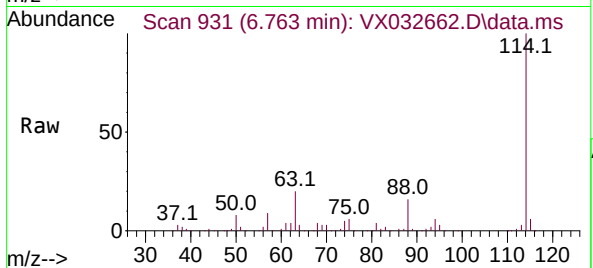




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

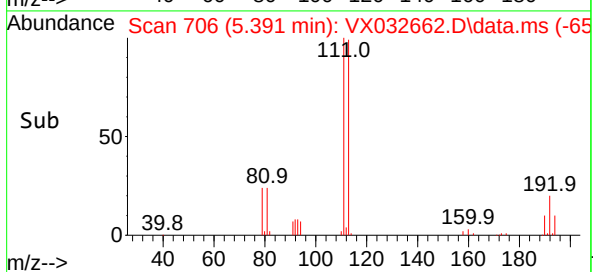
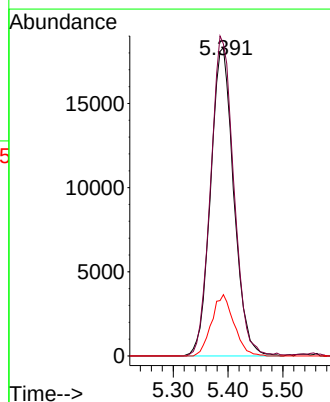
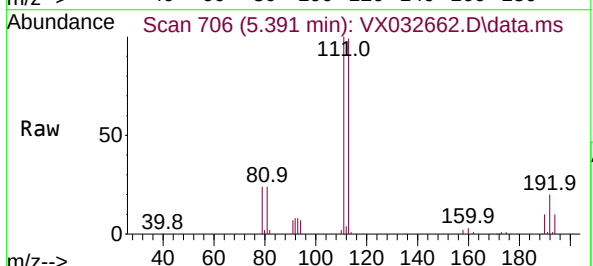
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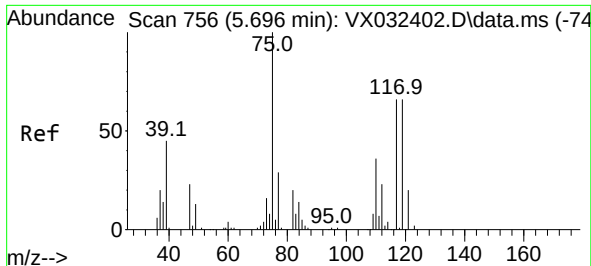
Tgt Ion:114 Resp: 178198
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 42.185 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

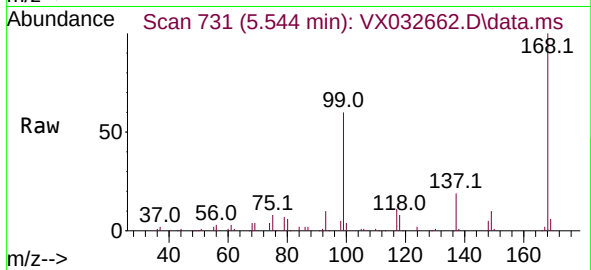
Tgt Ion:113 Resp: 53622
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.2 15.4 23.2



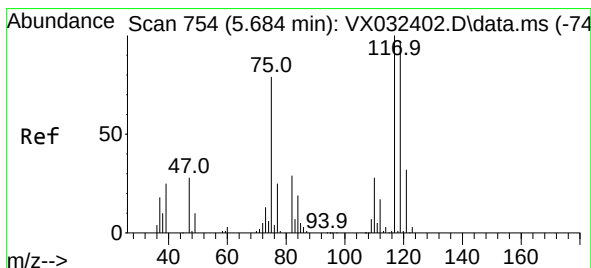
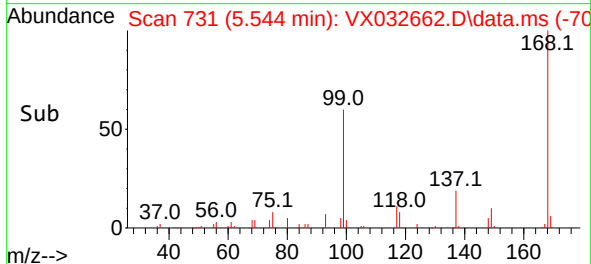
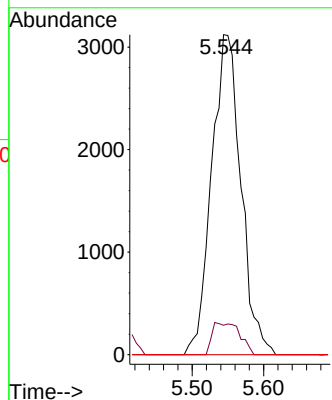


#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :

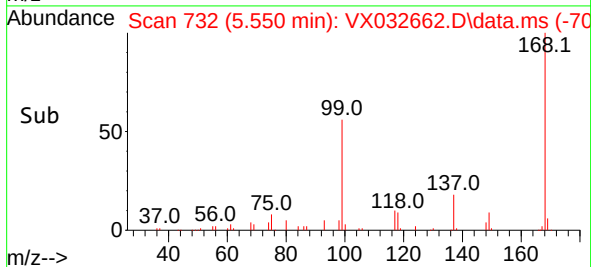
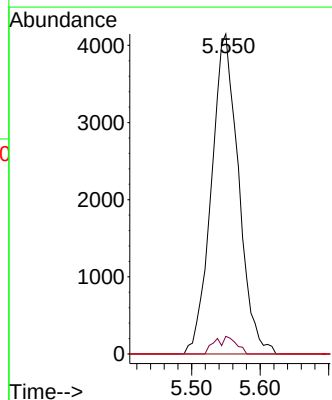
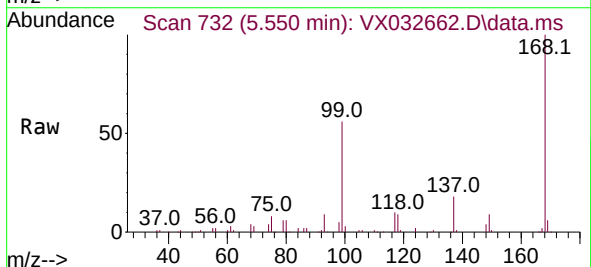


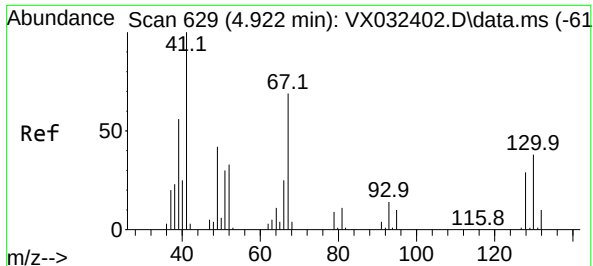
Tgt Ion: 75 Resp: 8870
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.820 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

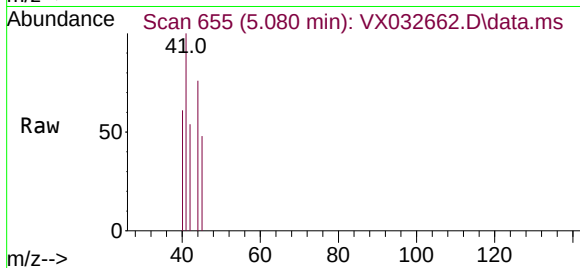
Tgt Ion: 117 Resp: 11427
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



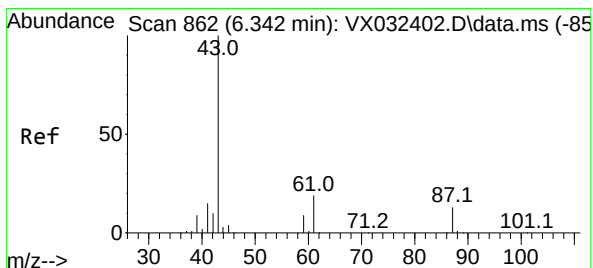
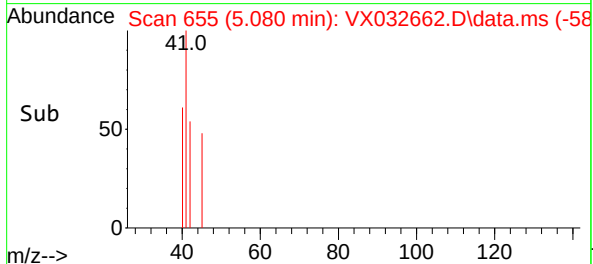
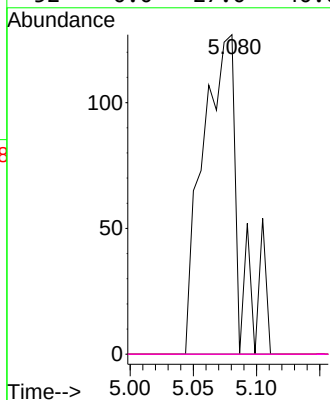


#41
Methacrylonitrile
Concen: 0.273 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.159 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :

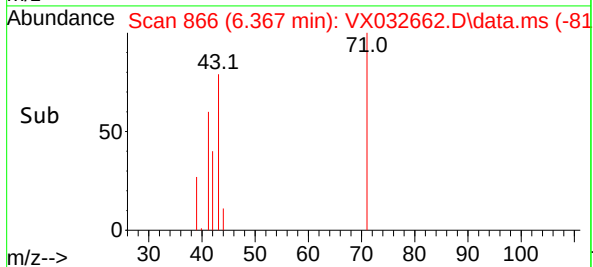
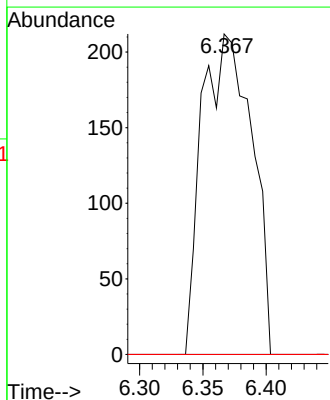
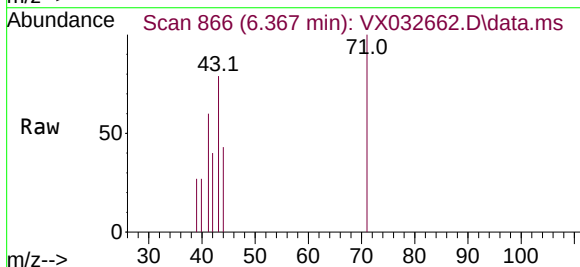


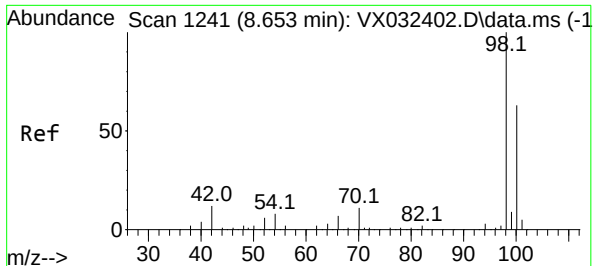
Tgt Ion: 41	Resp: 256
Ion Ratio	Lower Upper
41 100	
39 0.0	47.5 71.3#
67 0.0	60.5 90.7#
52 0.0	27.0 40.6#



#43
Isopropyl Acetate
Concen: 0.206 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.025 min
Lab File: VX032662.D
Acq: 08 Nov 2022 18:23

Tgt Ion: 43	Resp: 583
Ion Ratio	Lower Upper
43 100	
61 0.0	15.4 23.0#
87 0.0	10.8 16.2#





#50

Toluene-d8

Concen: 48.391 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032662.D

Acq: 08 Nov 2022 18:23

Instrument :

MSVOA_X

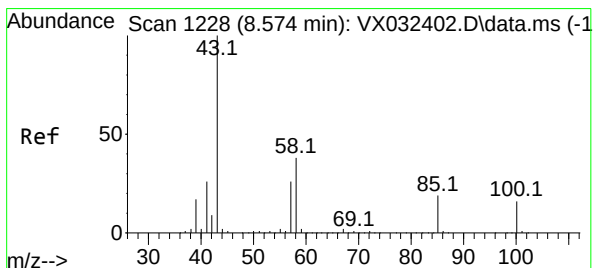
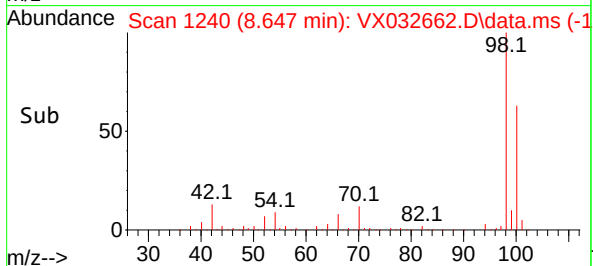
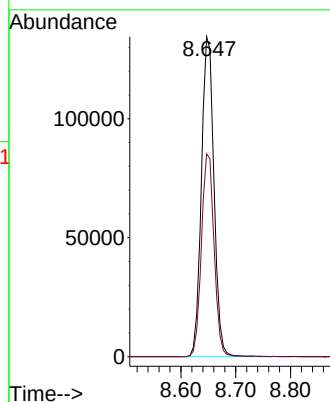
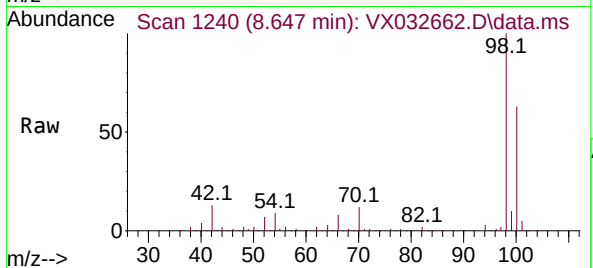
ClientSampleId :

Tgt Ion: 98 Resp: 213883

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.551 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX032662.D

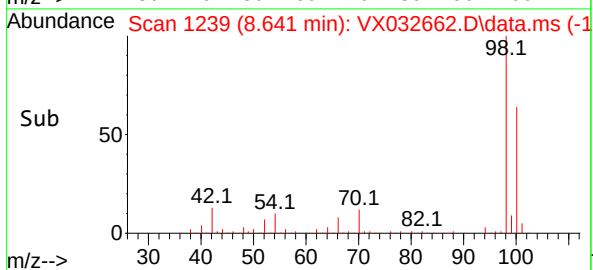
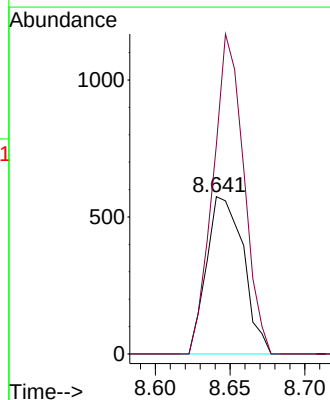
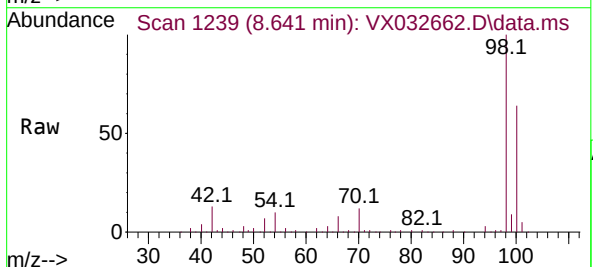
Acq: 08 Nov 2022 18:23

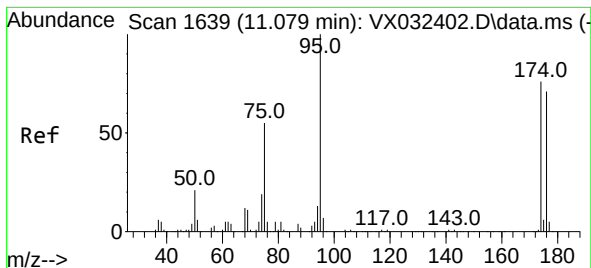
Tgt Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

58 170.8 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 42.364 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032662.D

Acq: 08 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

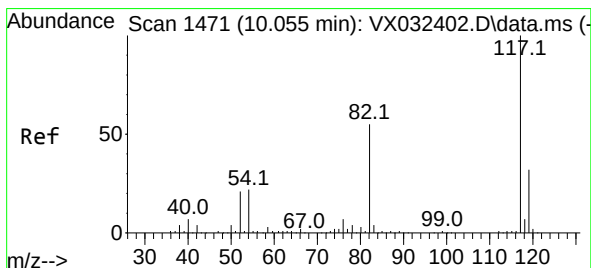
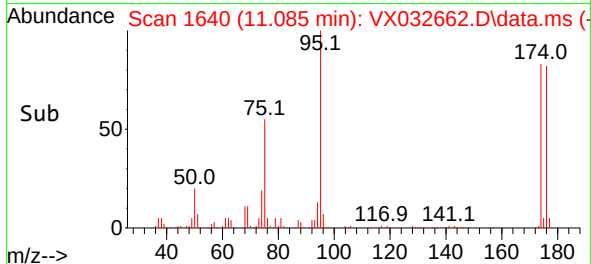
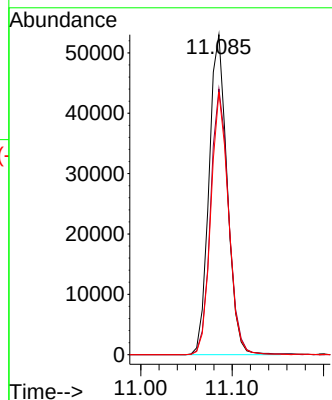
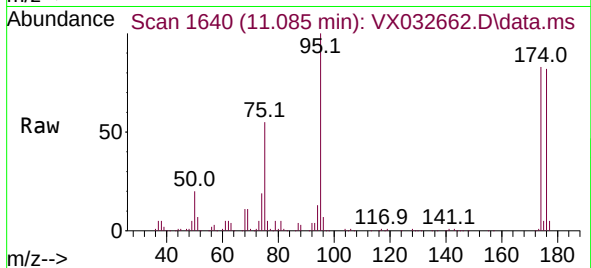
Tgt Ion: 95 Resp: 73143

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 79.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032662.D

Acq: 08 Nov 2022 18:23

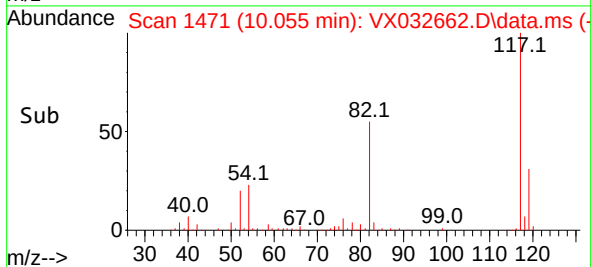
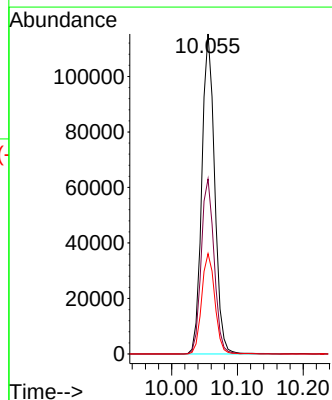
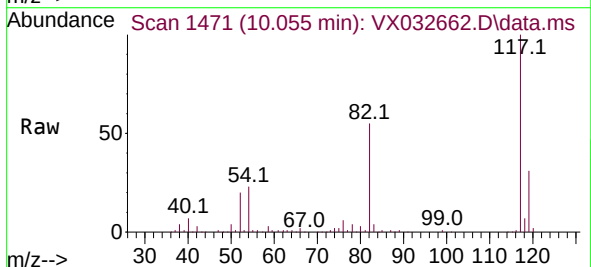
Tgt Ion: 117 Resp: 156348

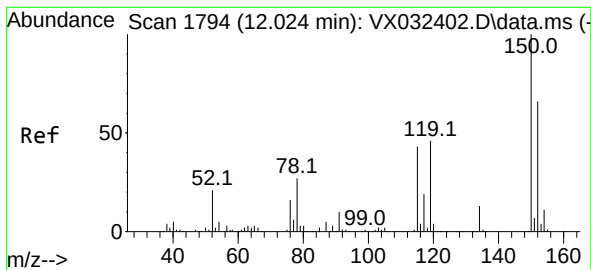
Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032662.D

Acq: 08 Nov 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

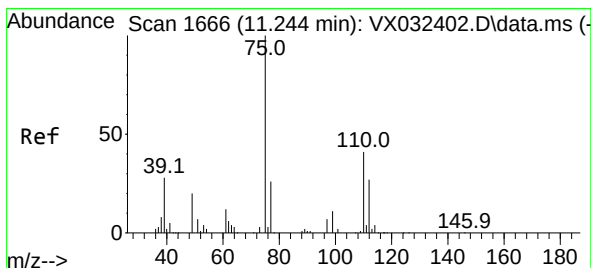
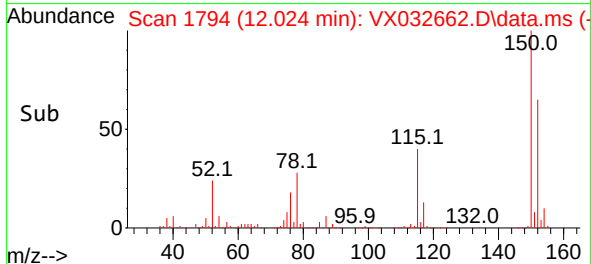
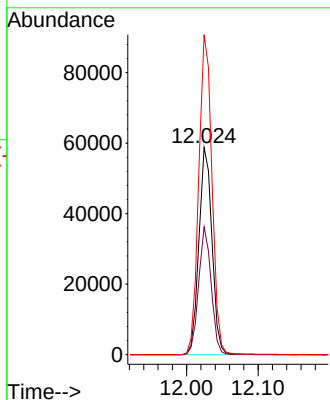
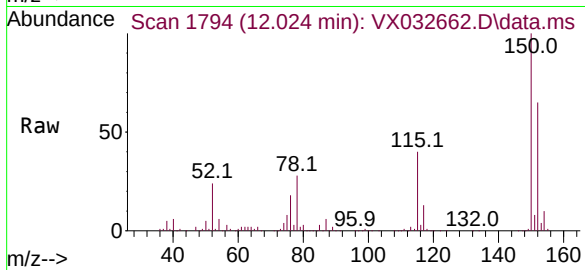
Tgt Ion:152 Resp: 74607

Ion Ratio Lower Upper

152 100

115 59.1 44.0 132.0

150 156.2 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 23.916 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX032662.D

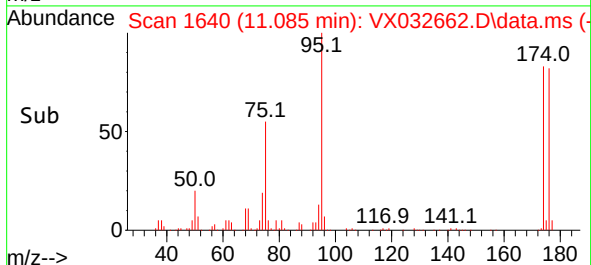
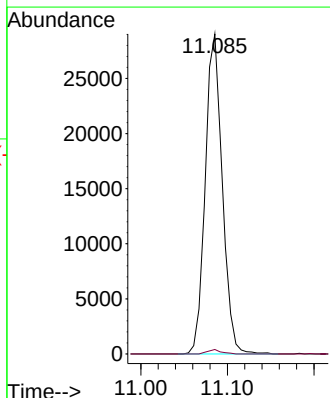
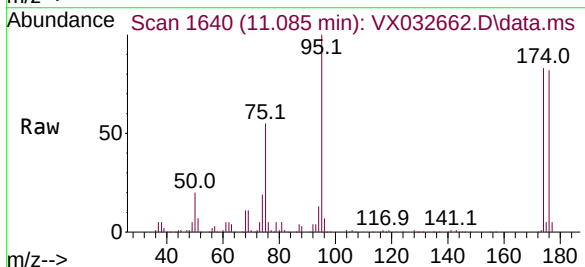
Acq: 08 Nov 2022 18:23

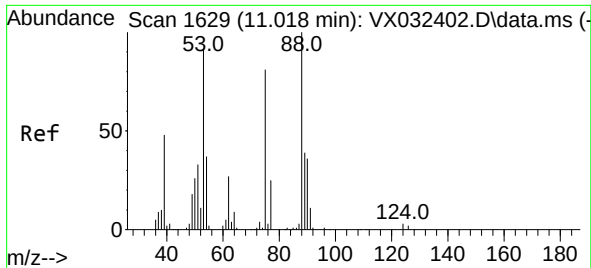
Tgt Ion: 75 Resp: 39696

Ion Ratio Lower Upper

75 100

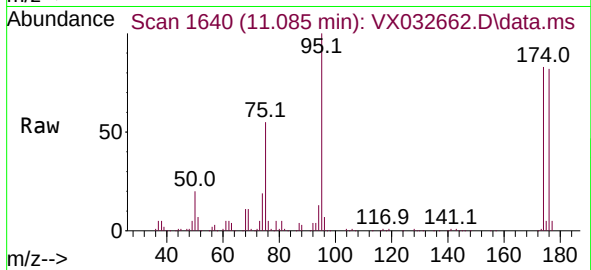
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.101 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX032662.D
 Acq: 08 Nov 2022 18:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39696
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

