

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031713.D
 Acq On : 27 Sep 2022 19:40
 Operator : JC/MD
 Sample : N4839-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5592-2

Quant Time: Sep 28 06:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

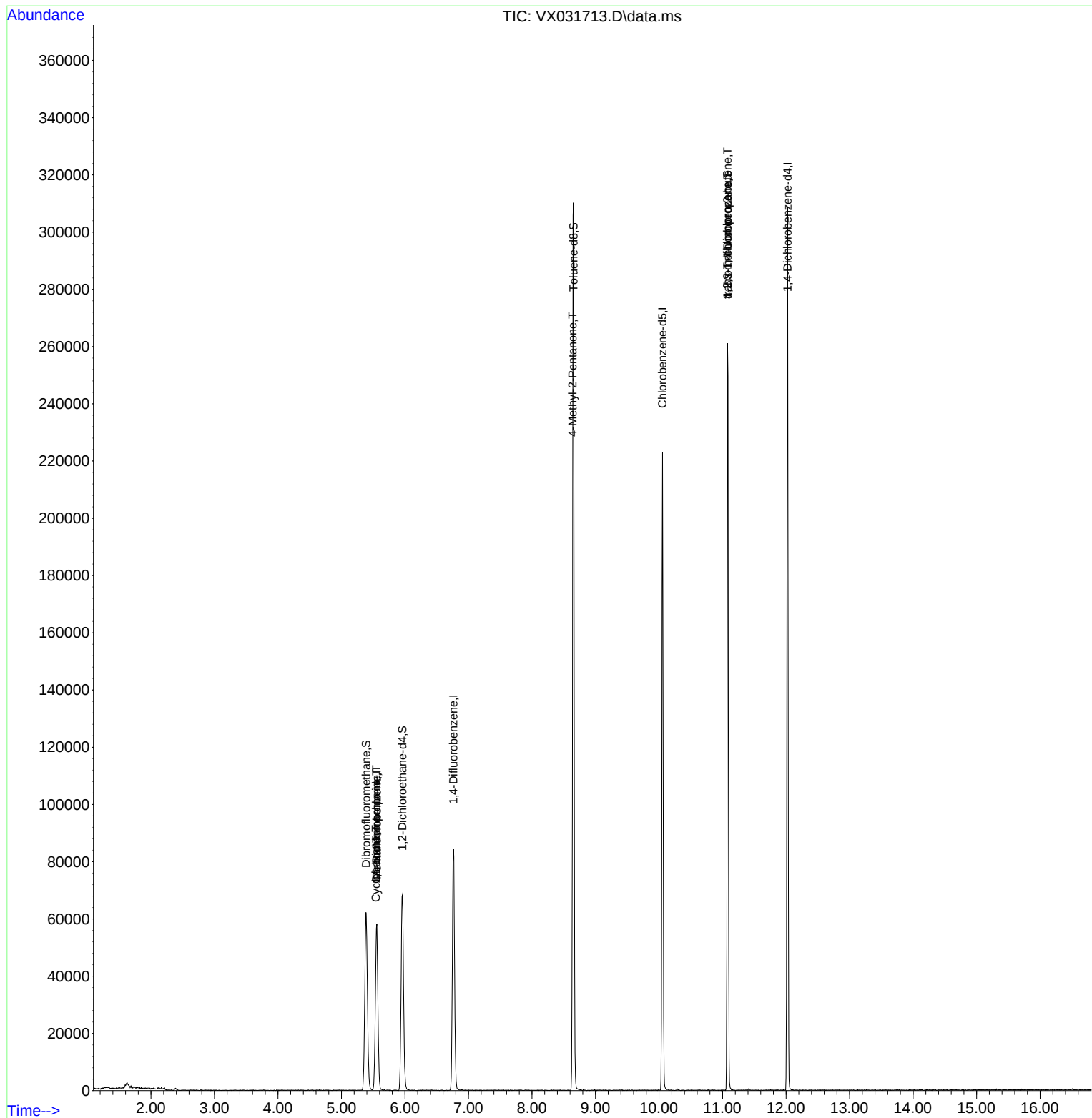
Internal Standards						
1) Pentafluorobenzene	5.556	168	52569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	88663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66300	59.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.840%			
35) Dibromofluoromethane	5.385	113	52043	49.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.653	98	187913	49.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.120%			
62) 4-Bromofluorobenzene	11.079	95	63789	45.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.880%			
Target Compounds						
5) Bromomethane	1.624	94	266	Below Cal	#	58
12) 1,1-Dichloroethene	2.160	96	21	Below Cal	#	1
16) Acetone	2.386	43	897	Below Cal	#	71
17) Carbon Disulfide	2.508	76	83	Below Cal	#	75
31) Cyclohexane	5.544	56	1352	1.274	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	4405	3.631	ug/l #	47
38) Carbon Tetrachloride	5.550	117	5616	4.107	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	902	0.740	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35540	31.996	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35540	105.259	ug/l #	11

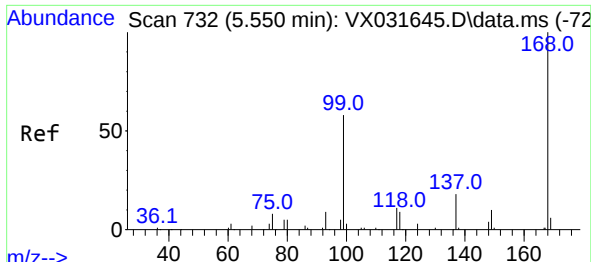
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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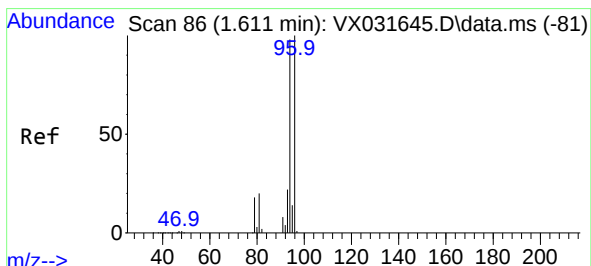
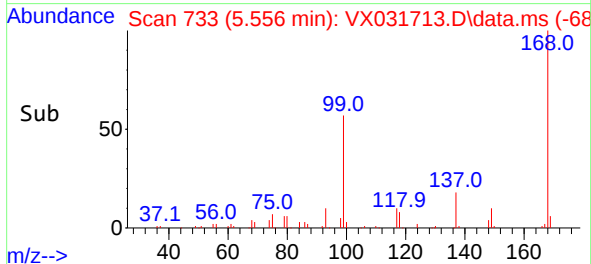
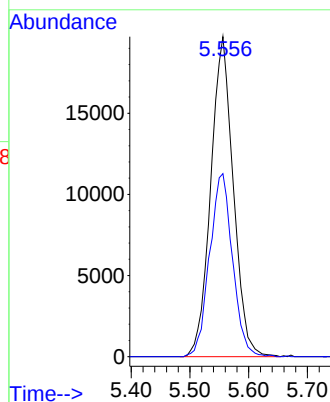
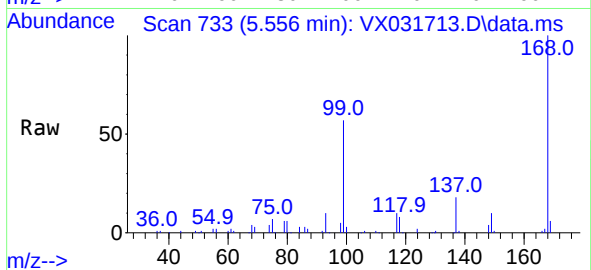




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

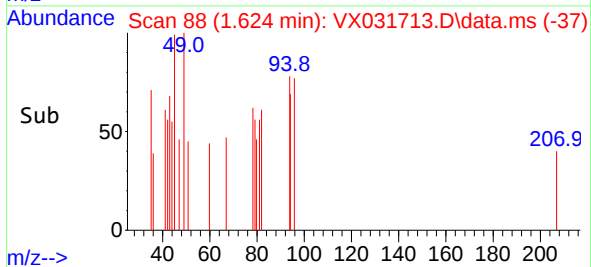
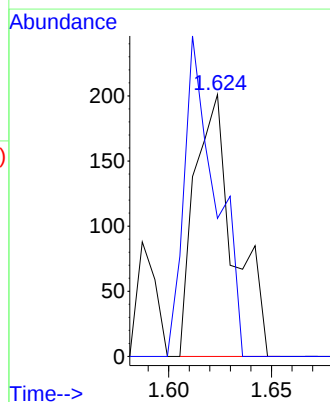
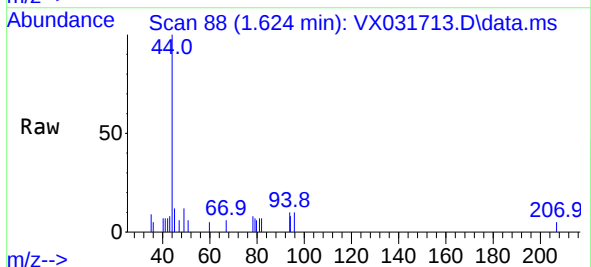
Instrument :
MSVOA_X
ClientSampleId :
5592-2

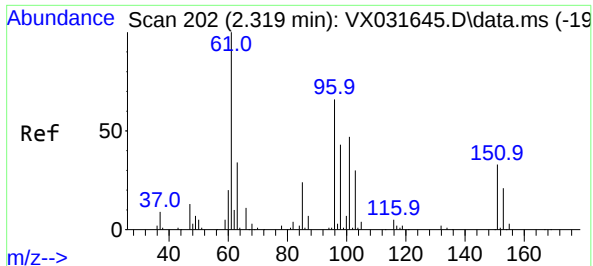
Tgt Ion:168 Resp: 52569
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 52.7 74.4 111.6#

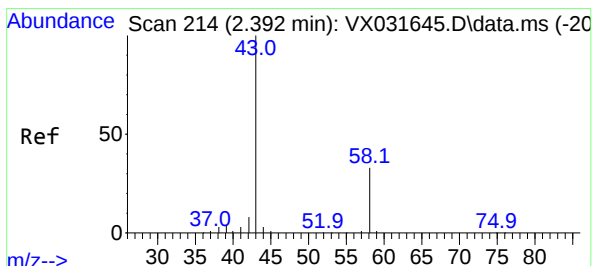
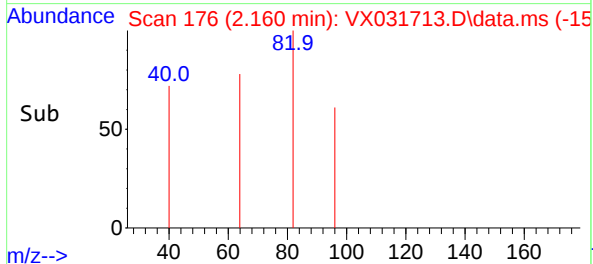
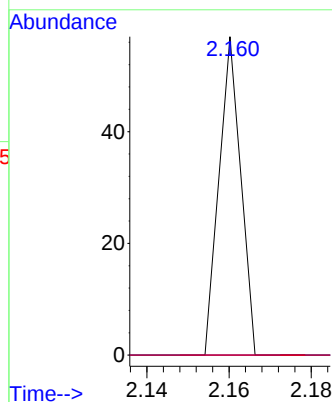
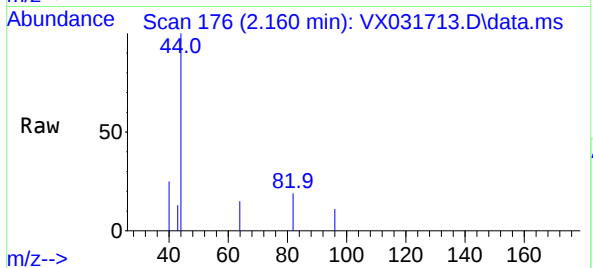




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.160 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

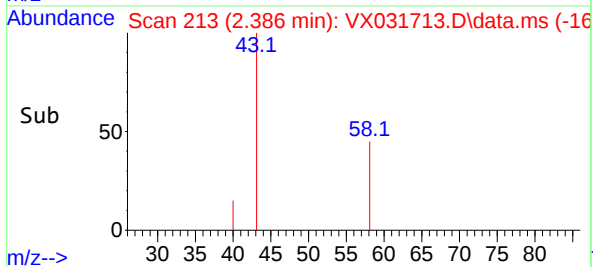
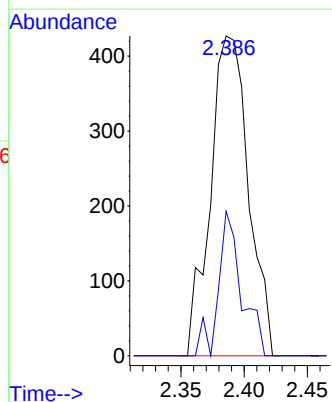
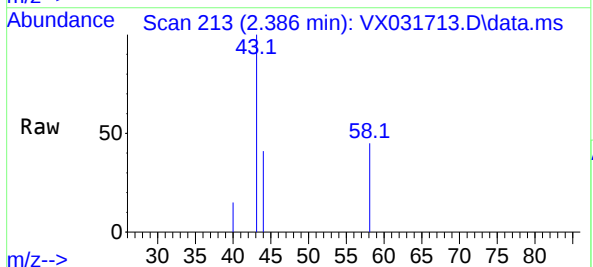
Instrument :
MSVOA_X
ClientSampleId :
5592-2

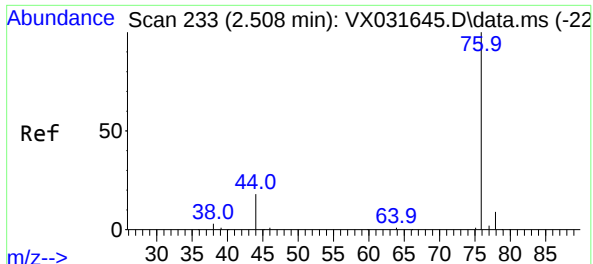
Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 45.2 23.8 35.8#

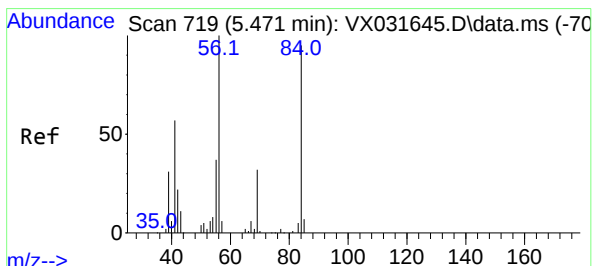
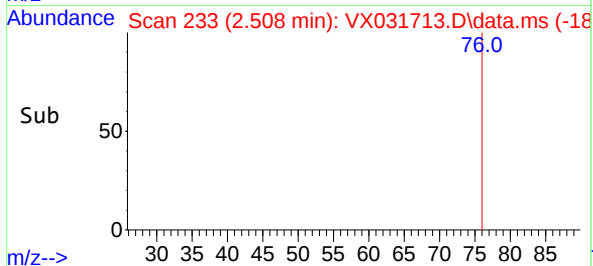
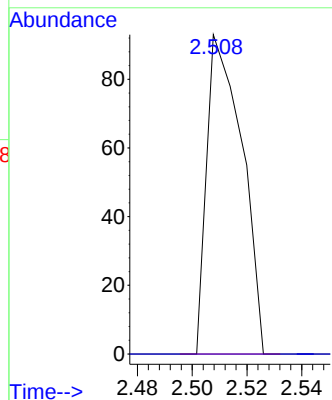
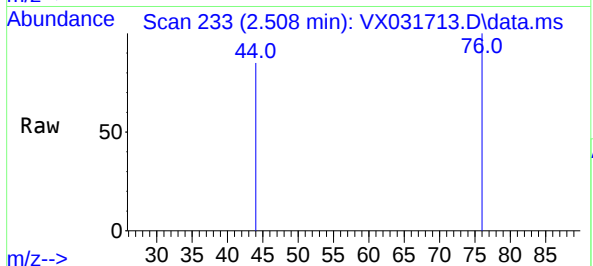




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

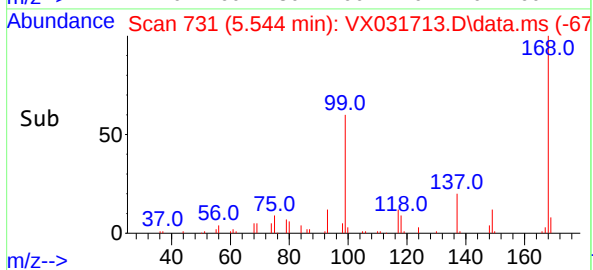
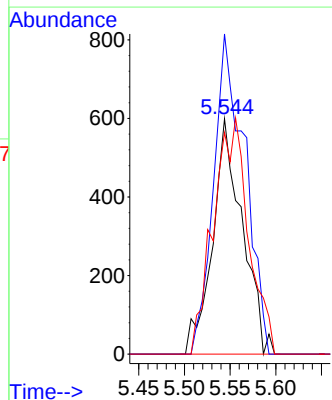
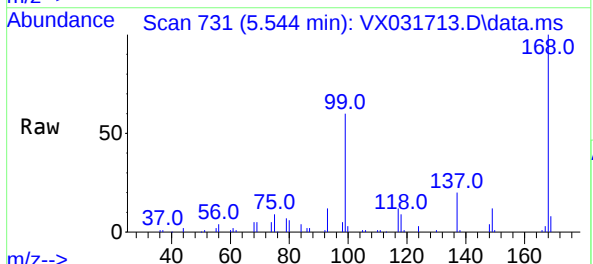
Instrument :
MSVOA_X
ClientSampleId :
5592-2

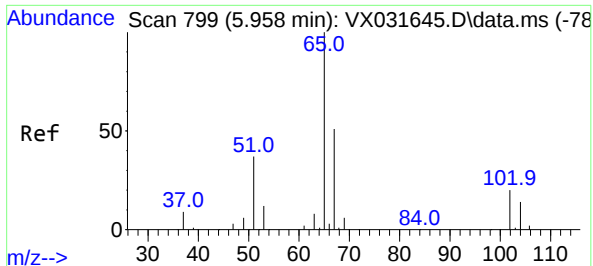
Tgt Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 56 Resp: 1352
Ion Ratio Lower Upper
56 100
69 136.1 25.1 37.7#
84 94.2 70.2 105.4

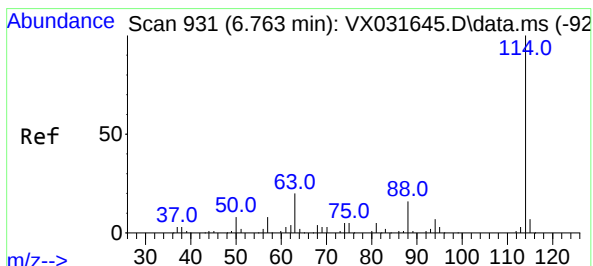
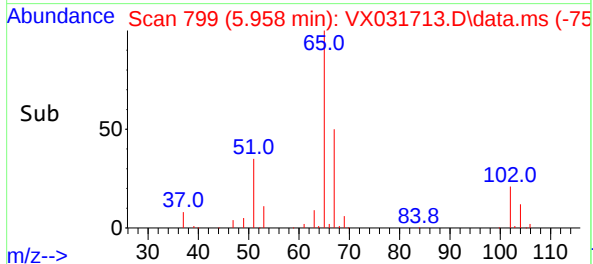
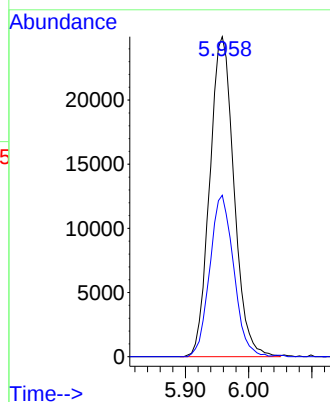
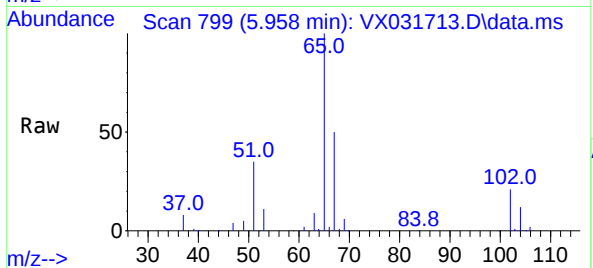




#33
 1,2-Dichloroethane-d4
 Concen: 59.423 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031713.D
 Acq: 27 Sep 2022 19:40

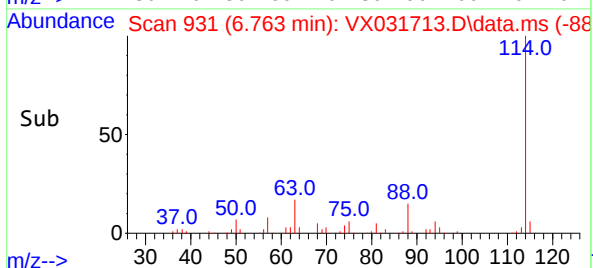
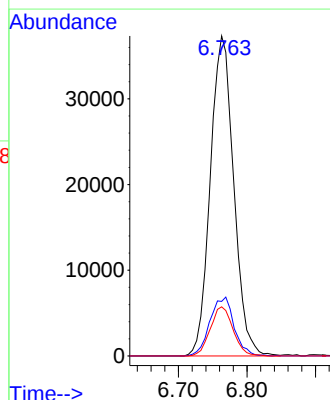
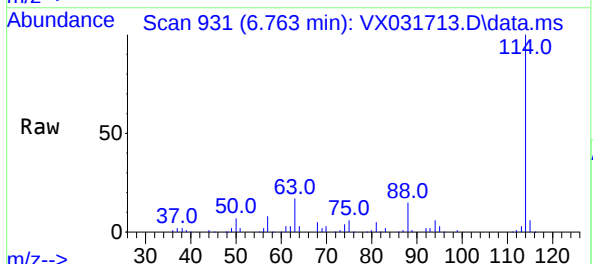
Instrument :
 MSVOA_X
 ClientSampleId :
 5592-2

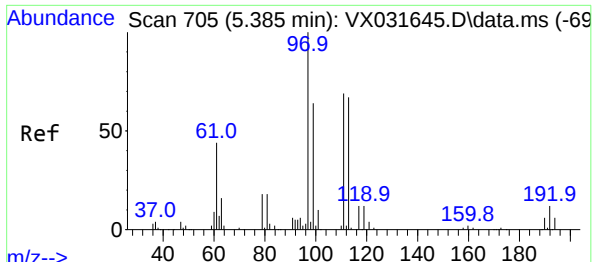
Tgt Ion: 65 Resp: 66300
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031713.D
 Acq: 27 Sep 2022 19:40

Tgt Ion: 114 Resp: 88663
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 42.6
 88 15.3 0.0 33.0



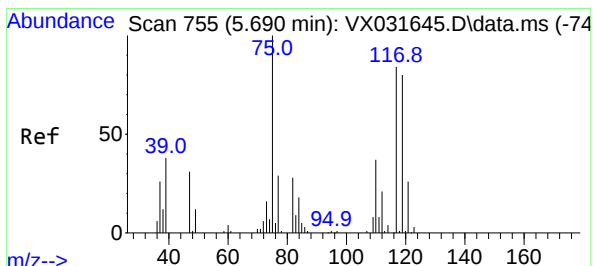
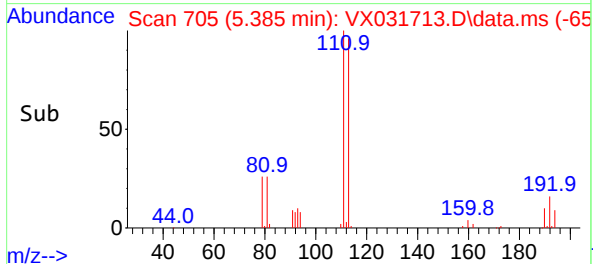
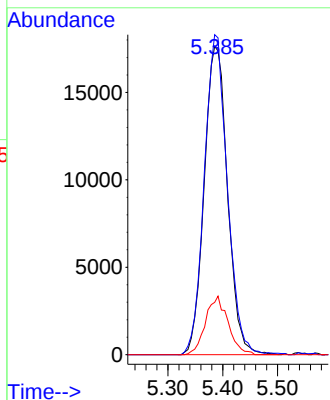
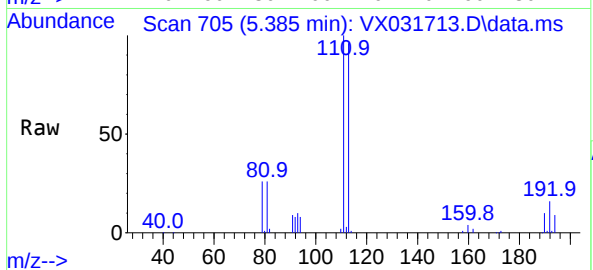


#35
Dibromofluoromethane
Concen: 49.263 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
5592-2

Tgt Ion:113 Resp: 52043

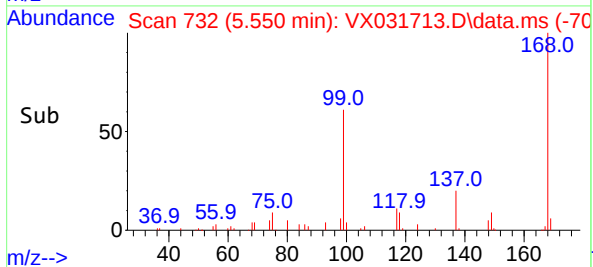
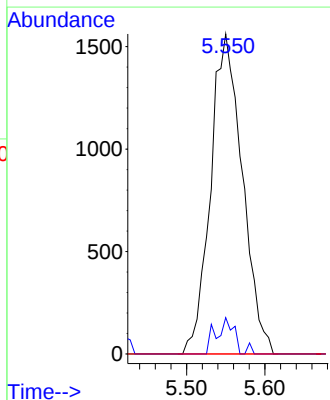
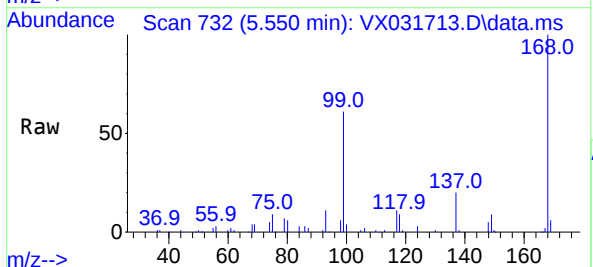
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	18.3	14.1	21.1

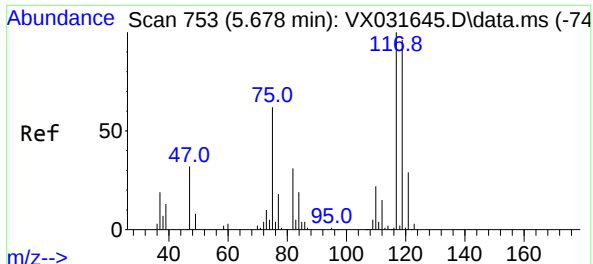


#36
1,1-Dichloropropene
Concen: 3.631 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 75 Resp: 4405

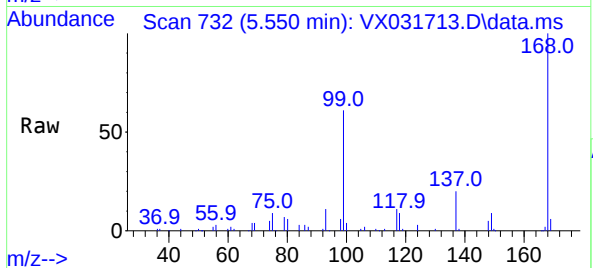
Ion	Ratio	Lower	Upper
75	100		
110	6.1	17.5	52.5#
77	0.0	24.9	37.3#



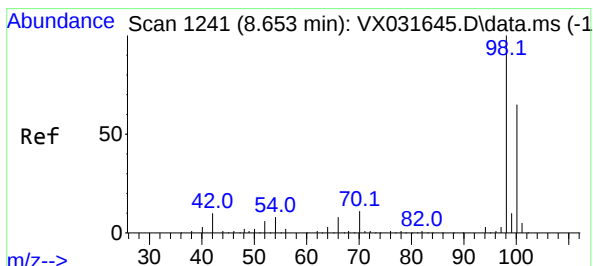
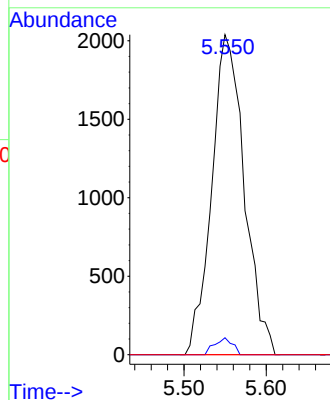
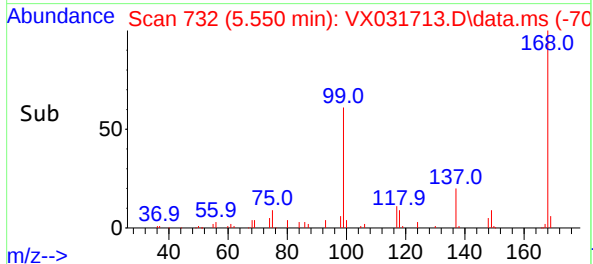


#38
Carbon Tetrachloride
Concen: 4.107 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Instrument :
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ClientSampleId :
5592-2

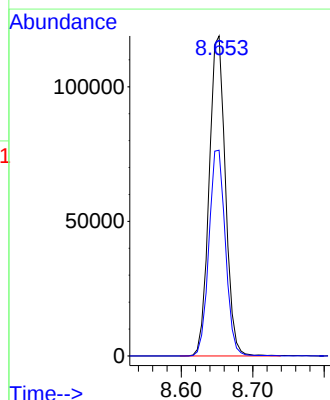
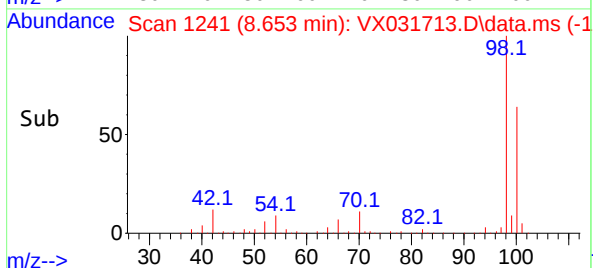
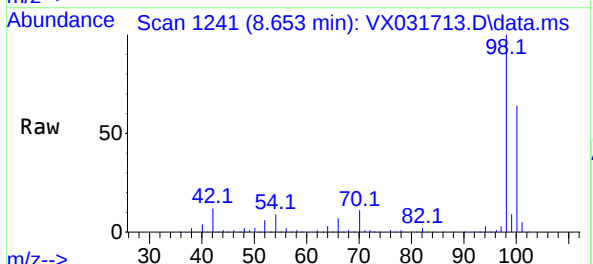


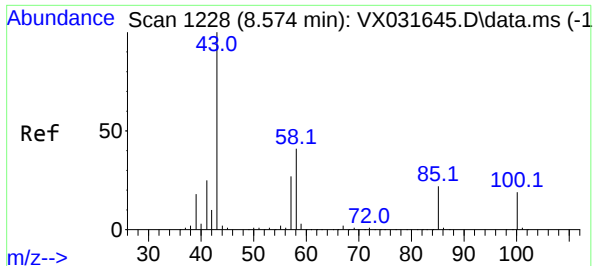
Tgt Ion:117 Resp: 5616
Ion Ratio Lower Upper
117 100
119 5.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.063 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 98 Resp: 187913
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.740 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031713.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :

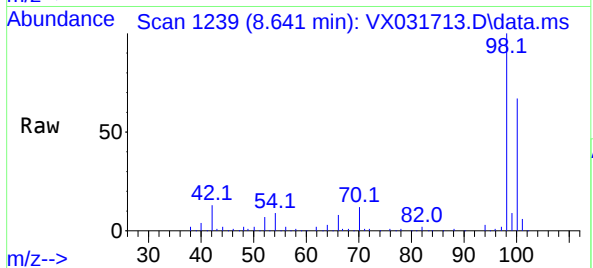
5592-2

Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

58 169.1 30.6 46.0#



Abundance

800

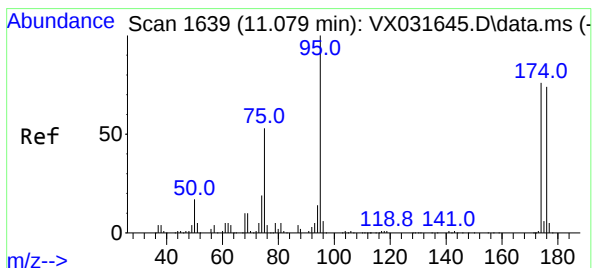
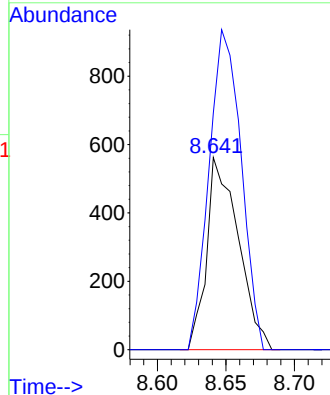
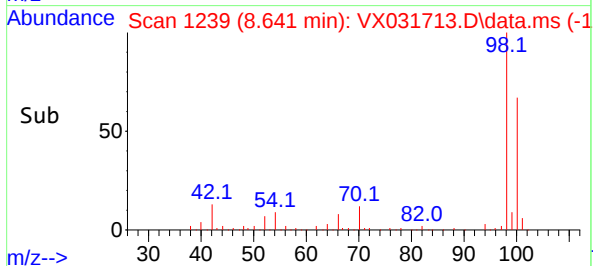
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.441 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031713.D

Acq: 27 Sep 2022 19:40

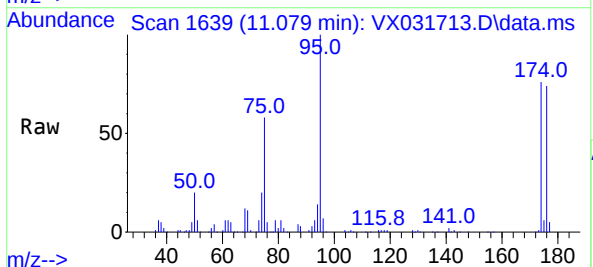
Tgt Ion: 95 Resp: 63789

Ion Ratio Lower Upper

95 100

174 83.0 0.0 153.2

176 81.1 0.0 144.0



Abundance

50000

40000

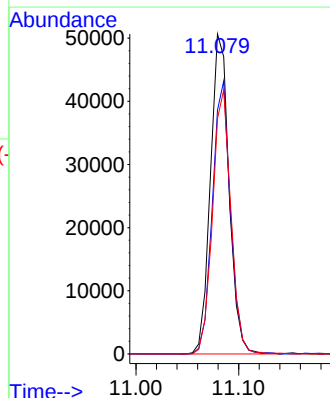
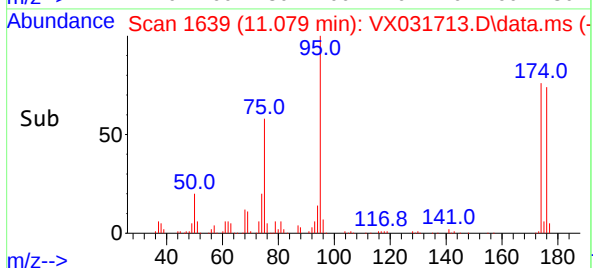
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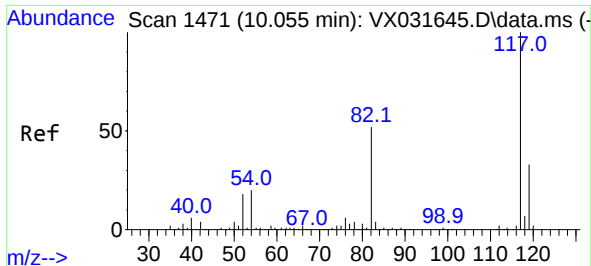
20000

10000

0

Time-->

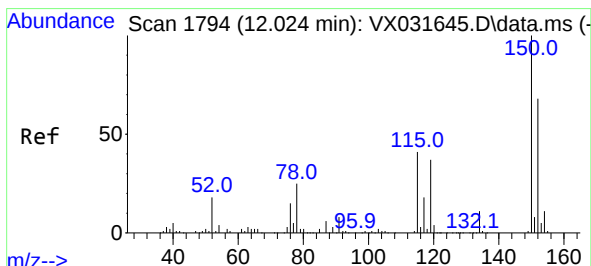
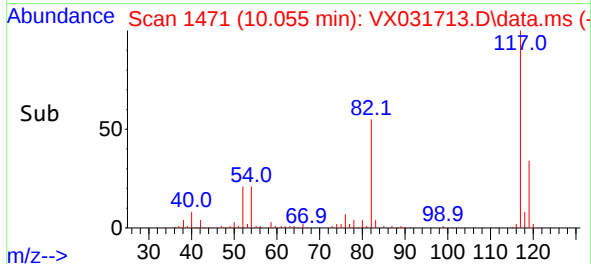
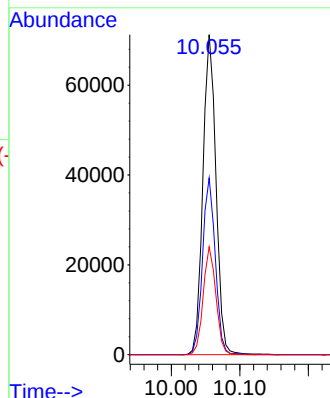
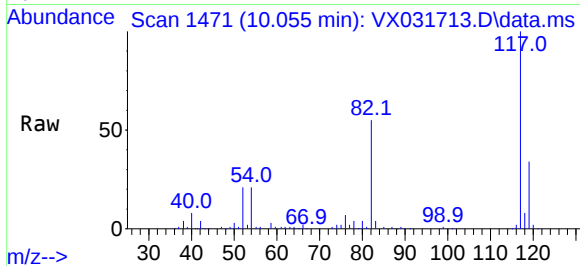




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

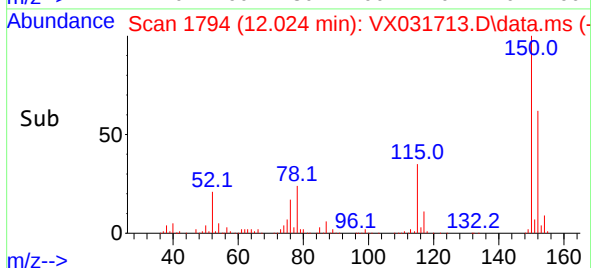
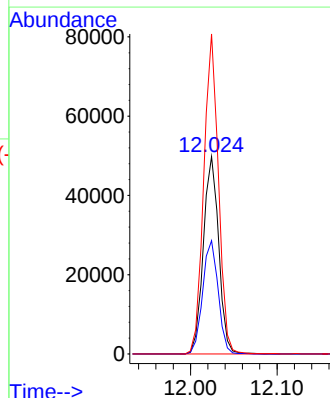
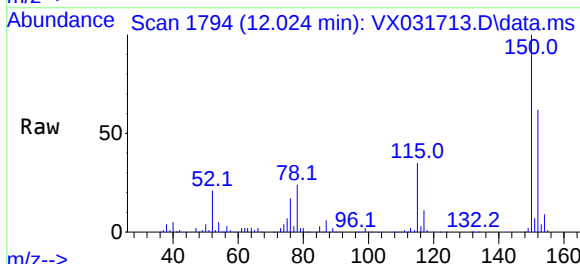
Instrument :
MSVOA_X
ClientSampleId :
5592-2

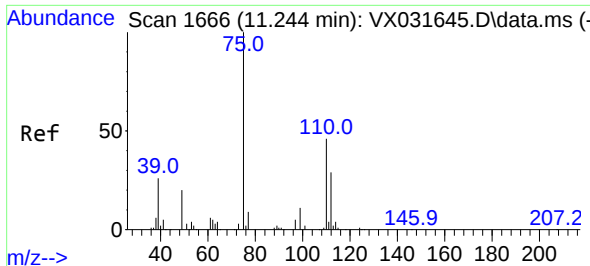
Tgt Ion:117 Resp: 94882
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 33.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion:152 Resp: 61270
Ion Ratio Lower Upper
152 100
115 57.9 43.4 130.1
150 154.9 0.0 346.8

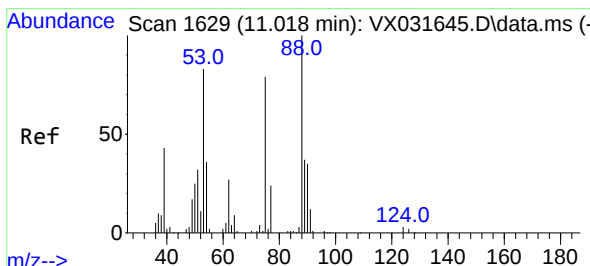
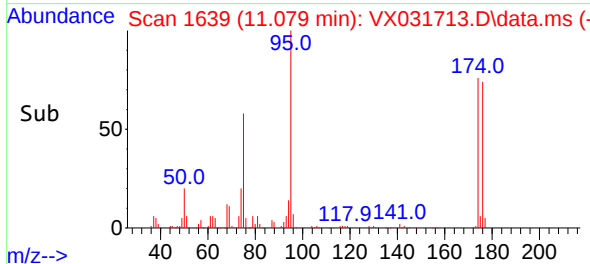
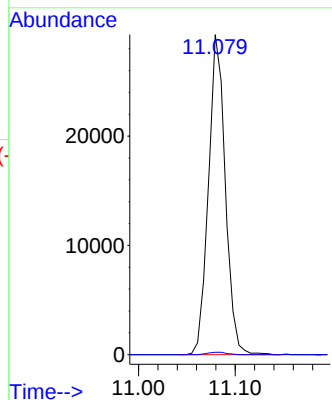
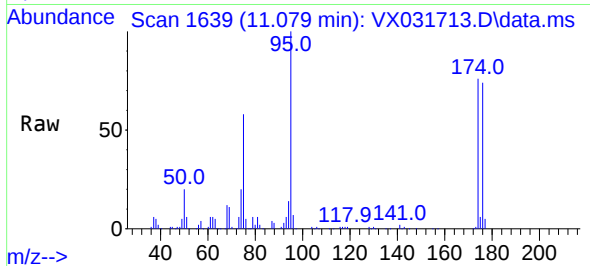




#76
1,2,3-Trichloropropane
Concen: 31.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
5592-2

Tgt Ion: 75 Resp: 35540
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031713.D
Acq: 27 Sep 2022 19:40

Tgt Ion: 75 Resp: 35540
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

