

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031055.D
 Acq On : 02 Sep 2022 10:23
 Operator : JC/MD
 Sample : VX0902WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:47:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

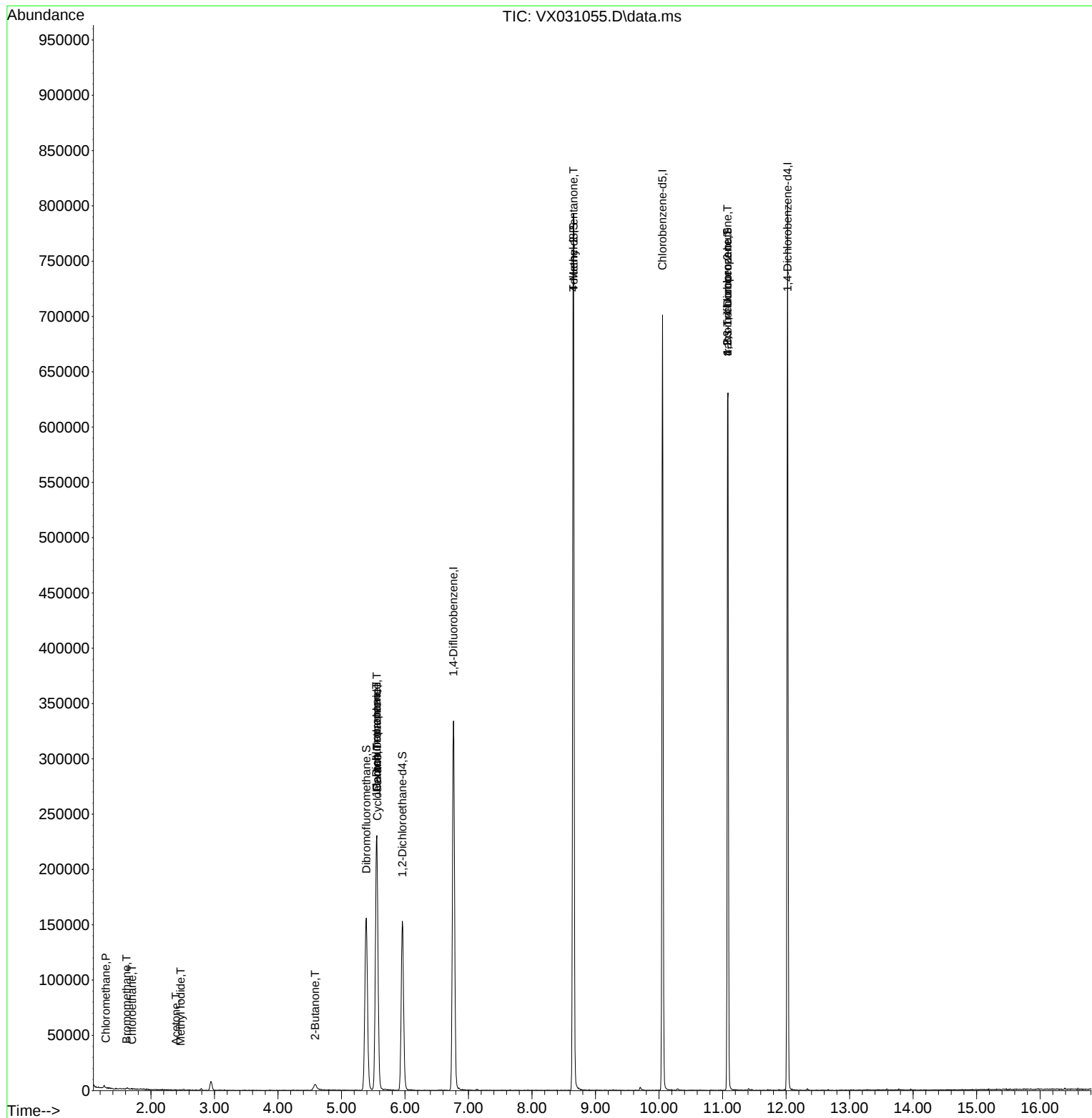
Internal Standards						
1) Pentafluorobenzene	5.556	168	234782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146535	48.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	5.391	113	144033	51.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.840%
50) Toluene-d8	8.653	98	518616	50.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	178933	49.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	214	0.792	ug/l #	87
5) Bromomethane	1.617	94	327	0.290	ug/l	84
6) Chloroethane	1.703	64	69	1.776	ug/l #	41
10) Methyl Iodide	2.465	142	401	3.047	ug/l #	81
11) Tert butyl alcohol	2.953	59	4476	Below Cal	#	74
16) Acetone	2.392	43	331	0.284	ug/l	98
20) Methylene Chloride	2.794	84	696	Below Cal	#	50
25) 2-Butanone	4.586	43	577	0.320	ug/l #	48
31) Cyclohexane	5.562	56	3510	0.851	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	16124	4.150	ug/l #	48
38) Carbon Tetrachloride	5.556	117	22096	5.478	ug/l #	19
51) 4-Methyl-2-Pentanone	8.653	43	1349	0.398	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	81308	19.995	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81308	62.838	ug/l #	13

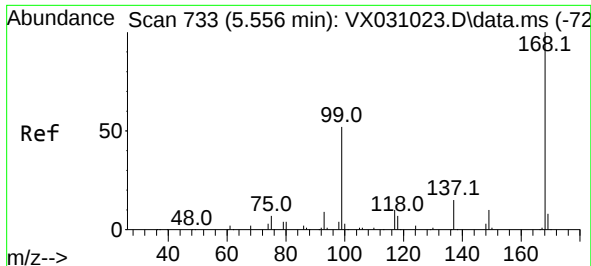
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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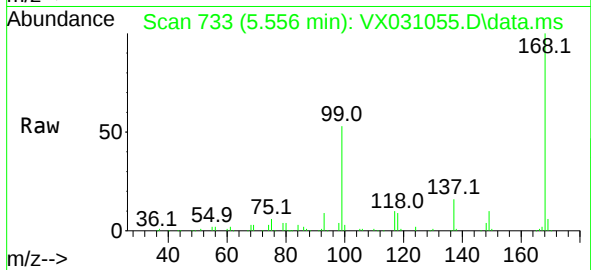
Quant Time: Sep 03 00:47:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
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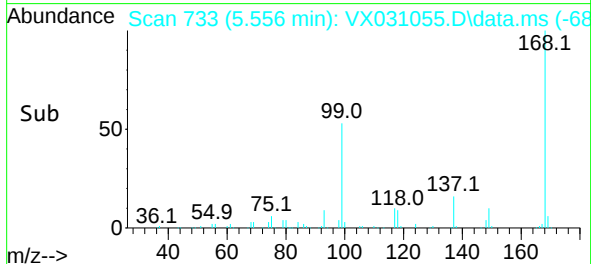
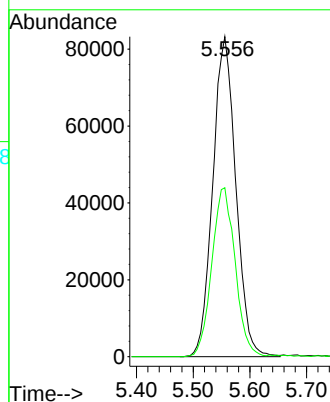


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :

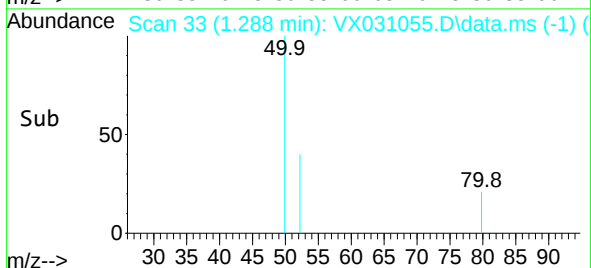
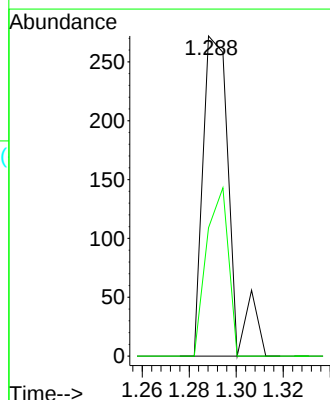
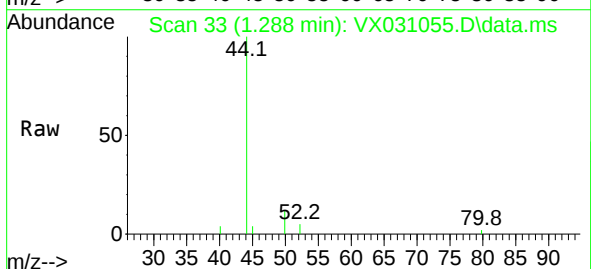


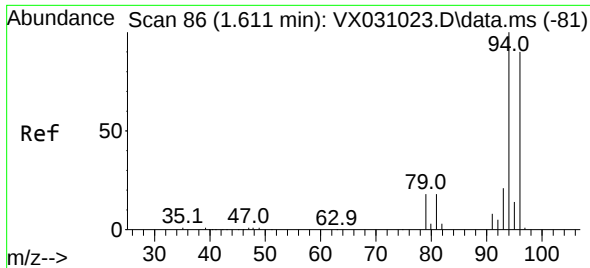
Tgt Ion:168 Resp: 234782
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#3
Chloromethane
Concen: 0.792 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 40.1 26.3 39.5#

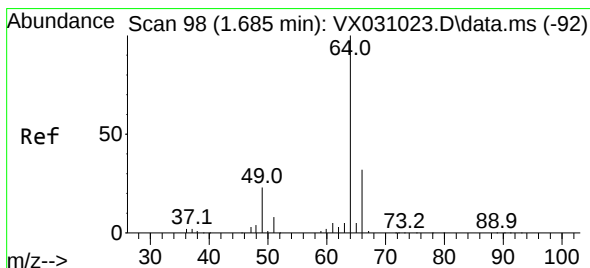
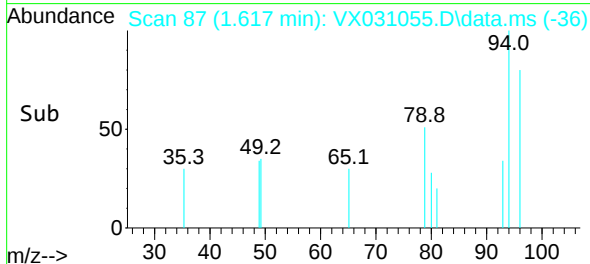
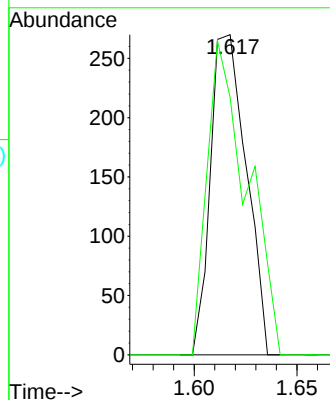
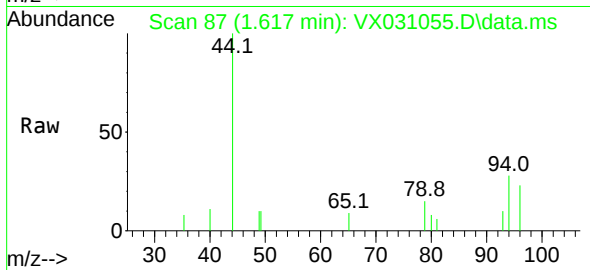




#5
Bromomethane
Concen: 0.290 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

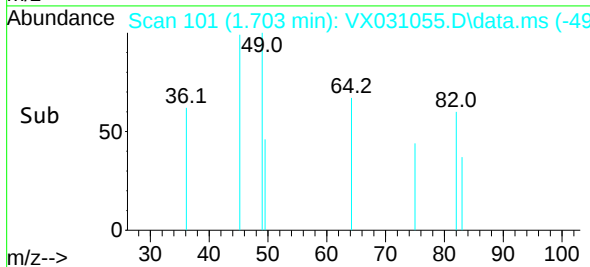
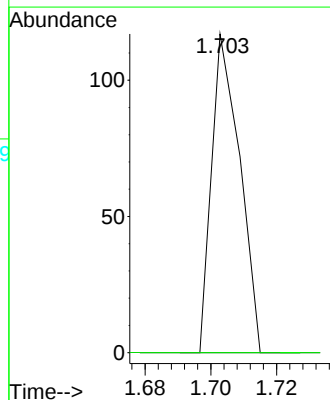
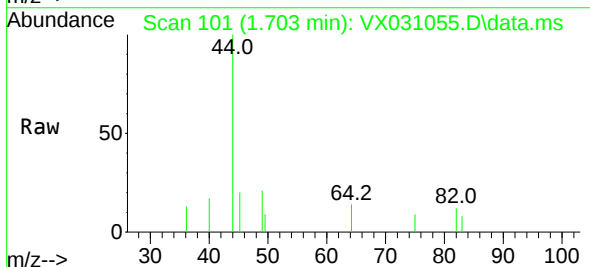
Instrument :
MSVOA_X
ClientSampleId :

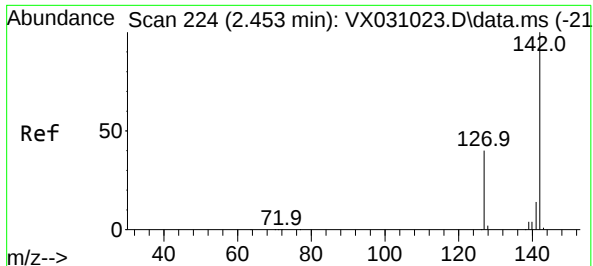
Tgt Ion: 94 Resp: 327
Ion Ratio Lower Upper
94 100
96 80.4 76.9 115.3



#6
Chloroethane
Concen: 1.776 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

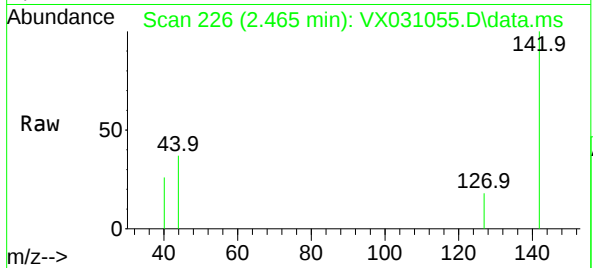
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



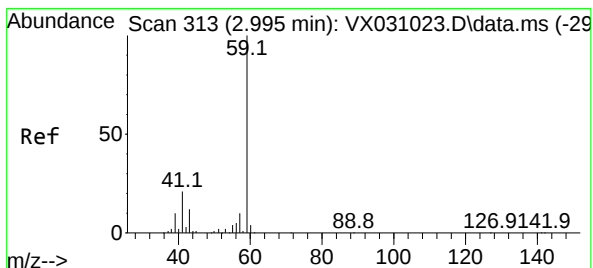
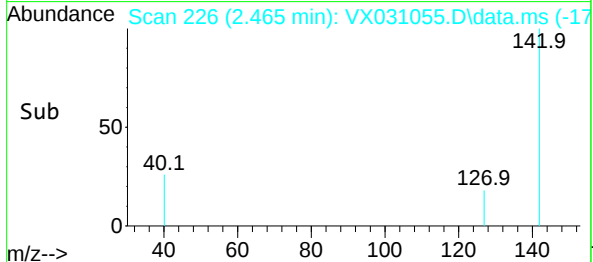
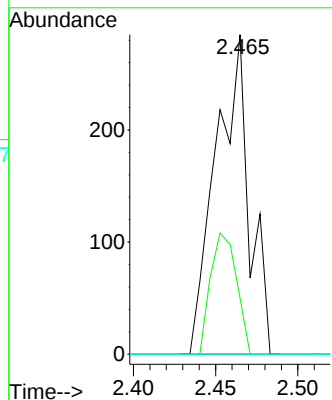


#10
Methyl Iodide
Concen: 3.047 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :

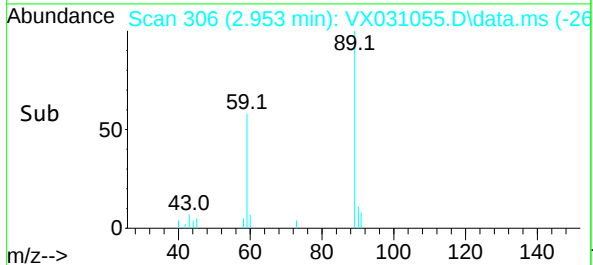
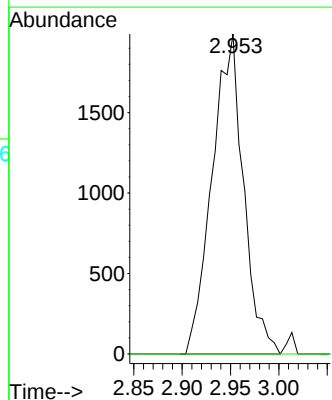
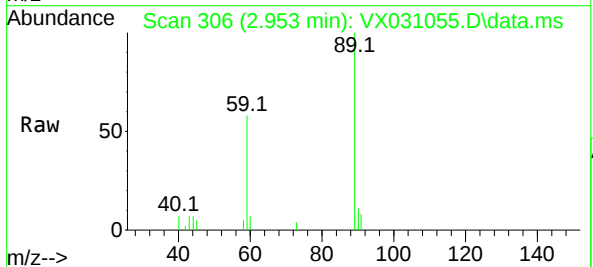


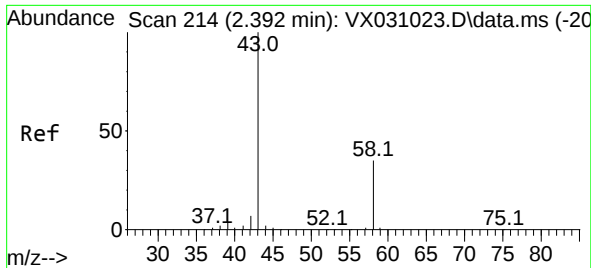
Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
127 29.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 59 Resp: 4476
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

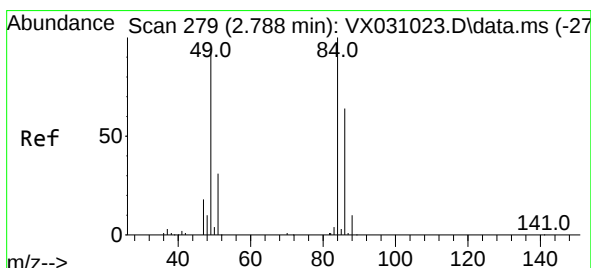
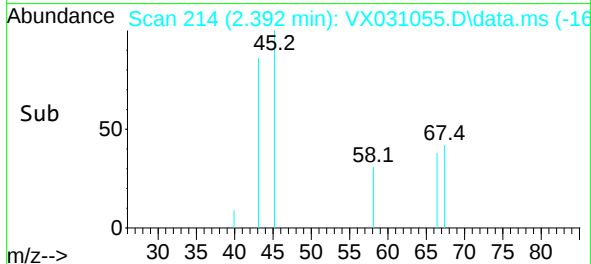
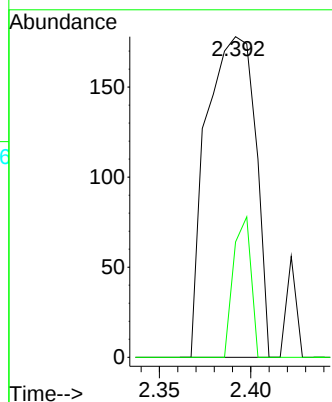
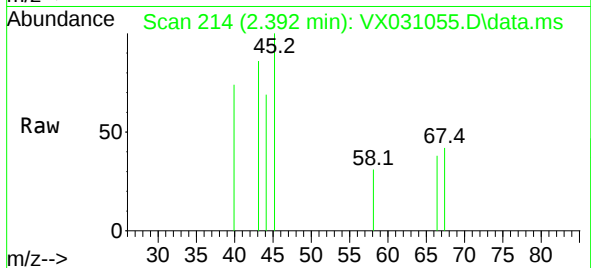




#16
Acetone
Concen: 0.284 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

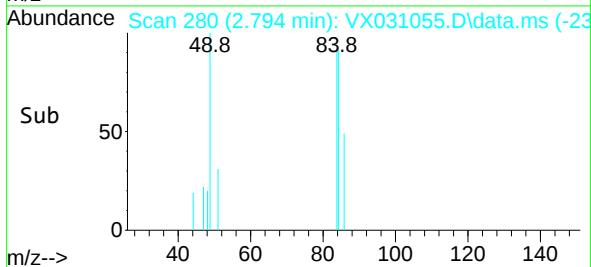
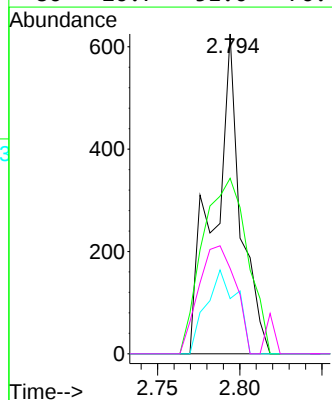
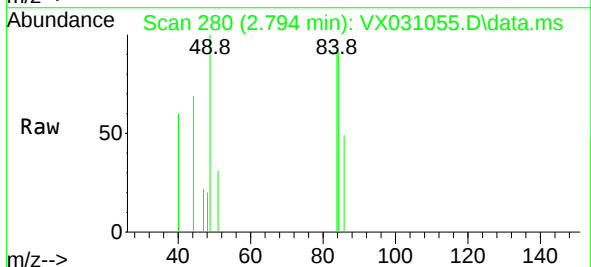
Instrument :
MSVOA_X
ClientSampleId :

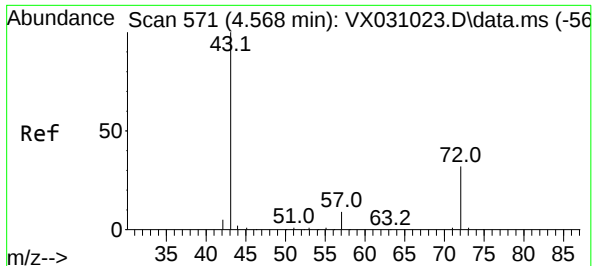
Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 36.0 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 84 Resp: 696
Ion Ratio Lower Upper
84 100
49 54.9 93.8 140.6#
51 17.3 29.4 44.0#
86 26.7 51.0 76.4#

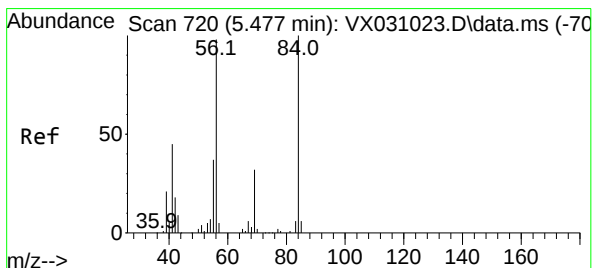
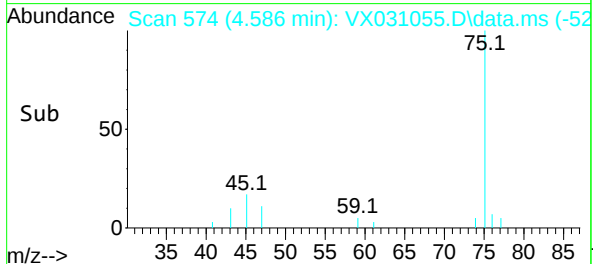
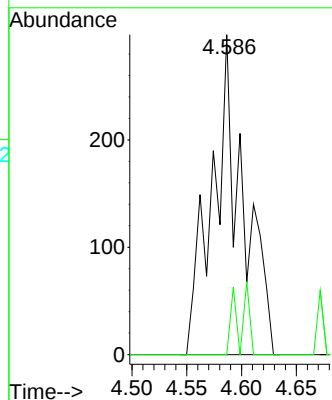
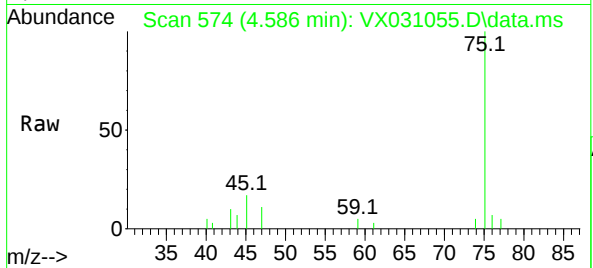




#25
2-Butanone
Concen: 0.320 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

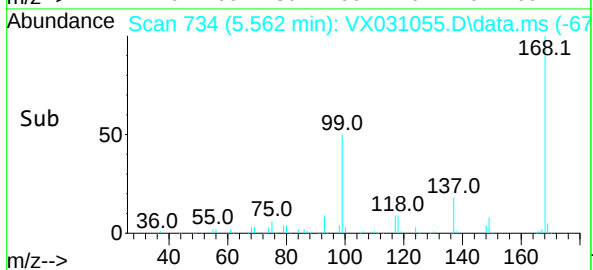
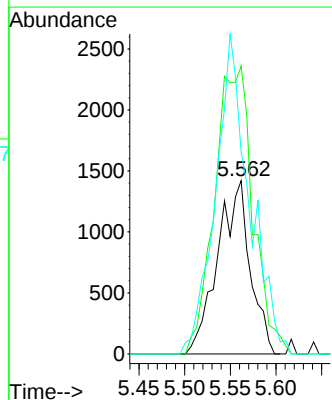
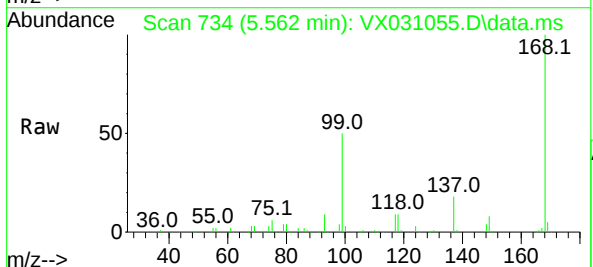
Instrument :
MSVOA_X
ClientSampleId :

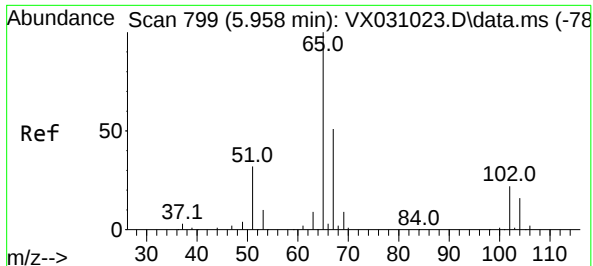
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 0.851 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 56 Resp: 3510
Ion Ratio Lower Upper
56 100
69 166.1 25.4 38.0#
84 116.4 68.9 103.3#

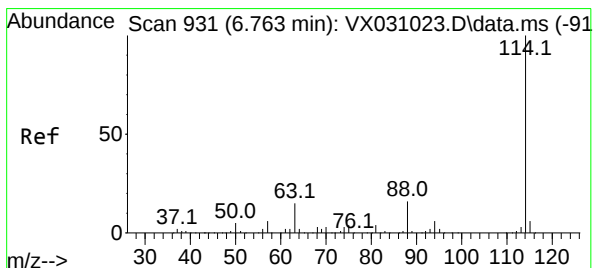
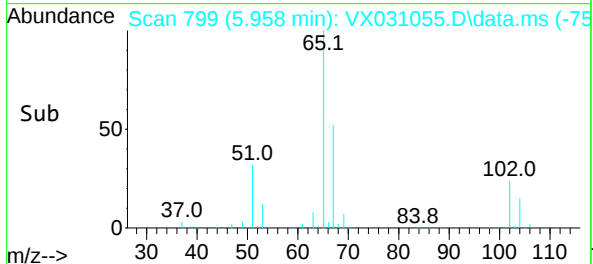
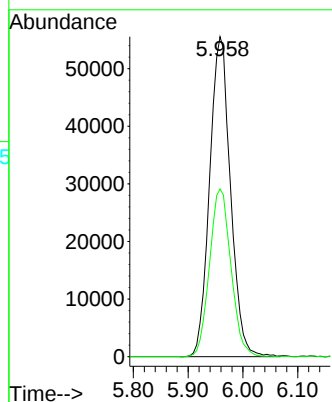
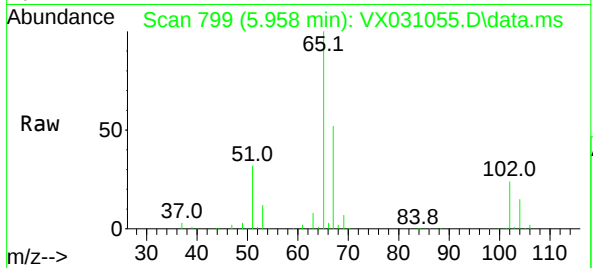




#33
 1,2-Dichloroethane-d4
 Concen: 48.507 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031055.D
 Acq: 02 Sep 2022 10:23

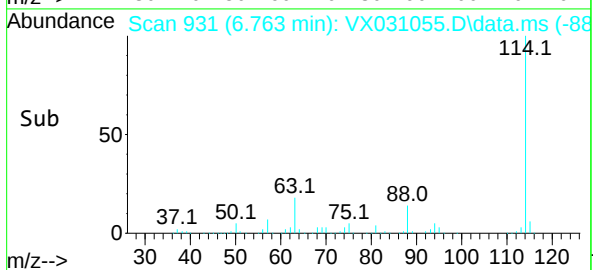
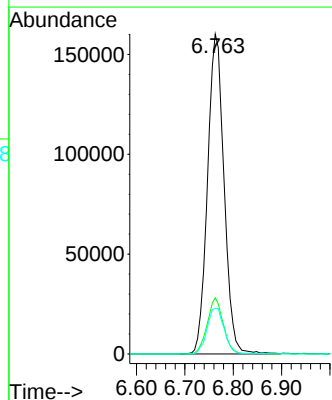
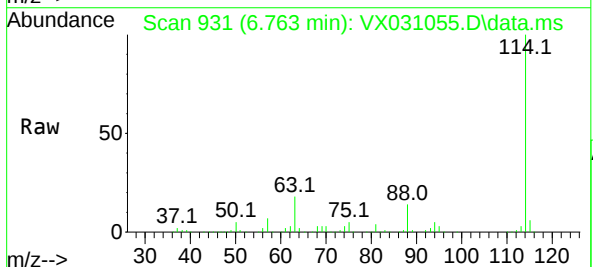
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 ClientSampleId :

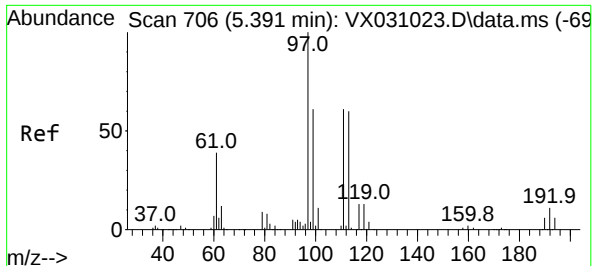
Tgt Ion: 65 Resp: 146535
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031055.D
 Acq: 02 Sep 2022 10:23

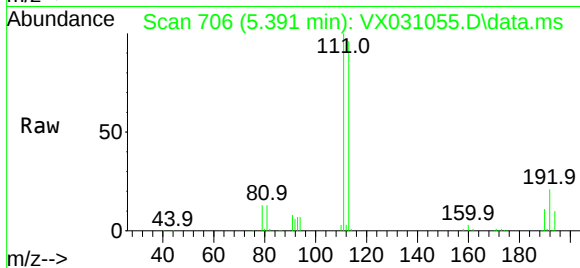
Tgt Ion: 114 Resp: 380125
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 38.4
 88 14.3 0.0 31.8



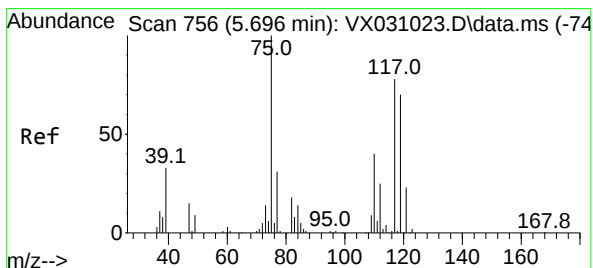
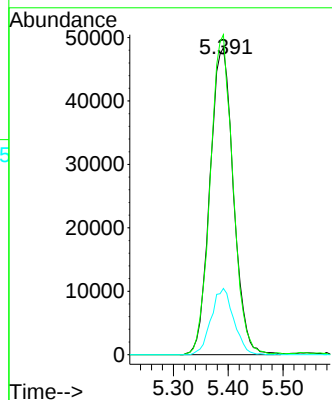
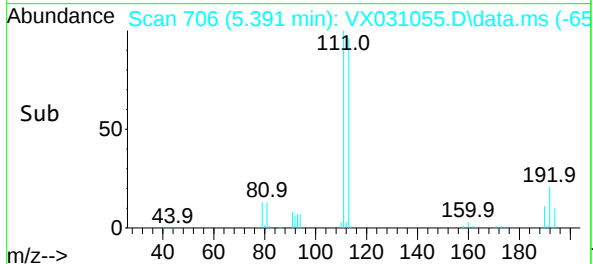


#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

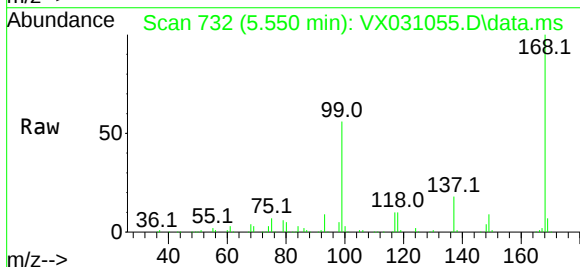
Instrument :
MSVOA_X
ClientSampleId :



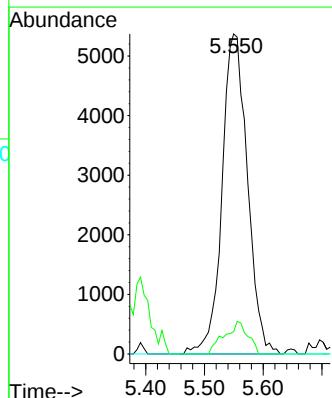
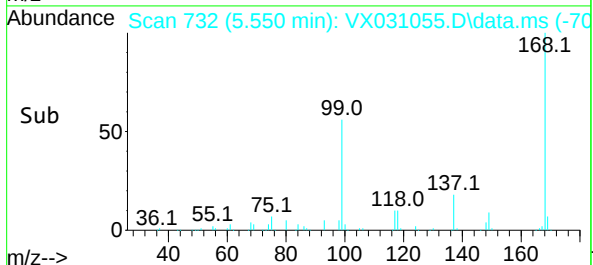
Tgt Ion:113 Resp: 144033
Ion Ratio Lower Upper
113 100
111 100.4 83.2 124.8
192 20.7 14.8 22.2

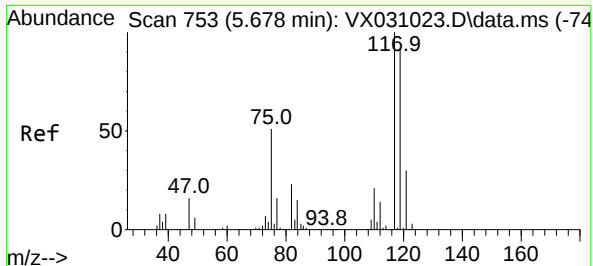


#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23



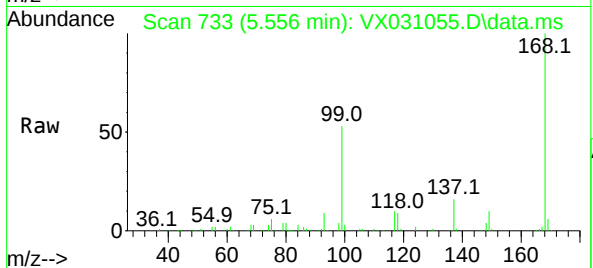
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Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



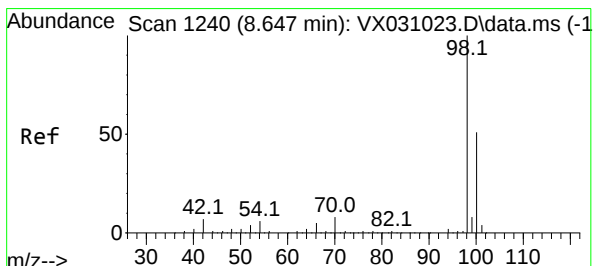
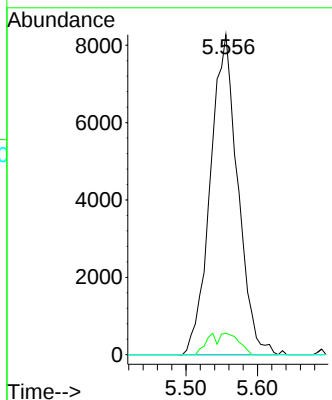
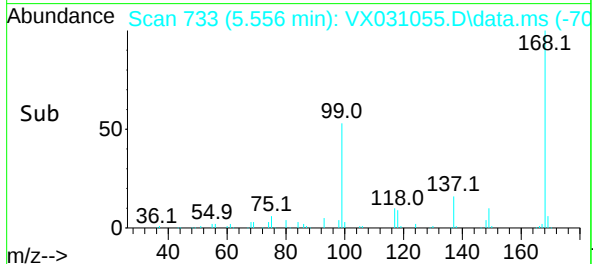


#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

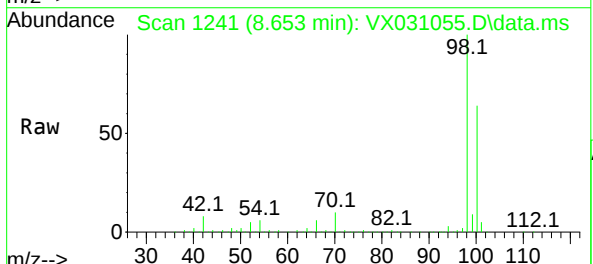
Instrument :
MSVOA_X
ClientSampleId :



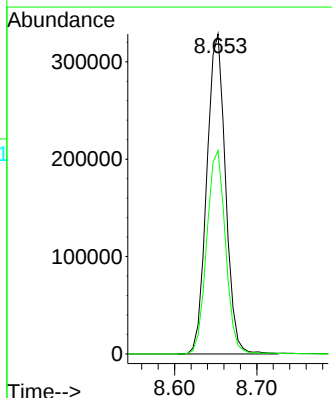
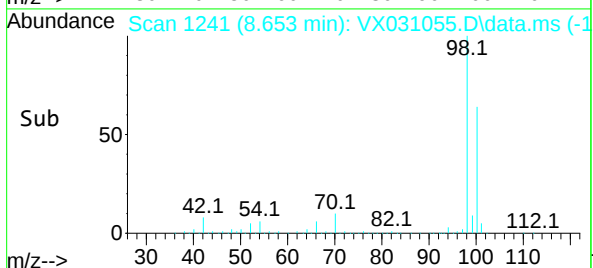
Tgt Ion:117 Resp: 22096
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#

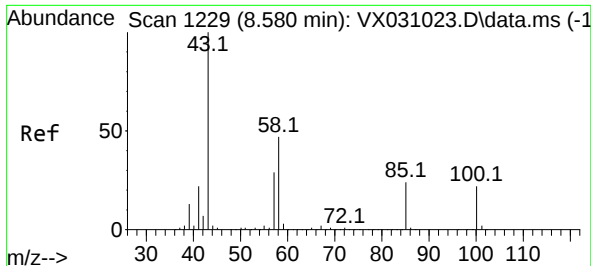


#50
Toluene-d8
Concen: 50.798 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23



Tgt Ion: 98 Resp: 518616
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.398 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031055.D

Acq: 02 Sep 2022 10:23

Instrument :

MSVOA_X

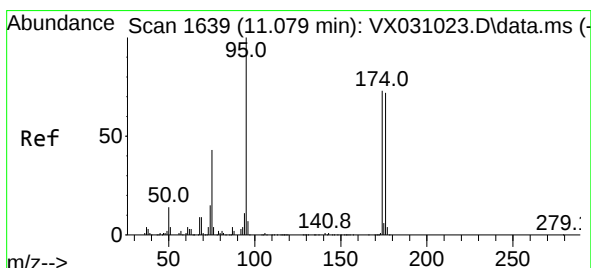
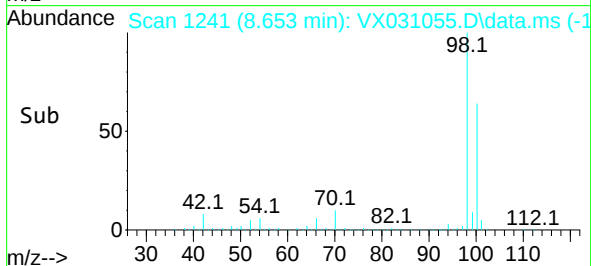
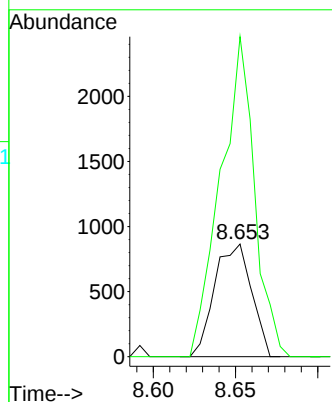
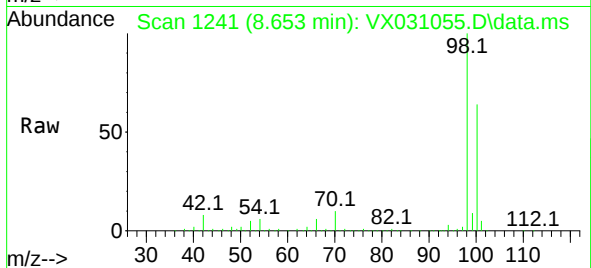
ClientSampleId :

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

58 261.8 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 49.622 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031055.D

Acq: 02 Sep 2022 10:23

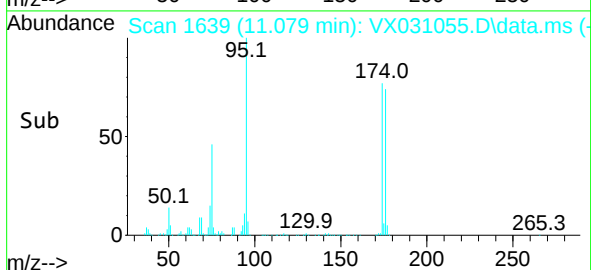
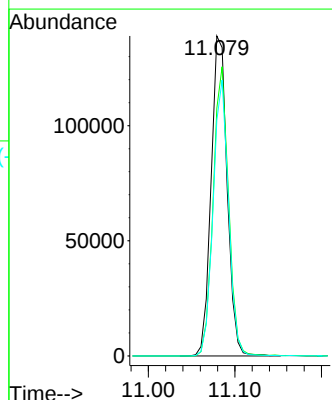
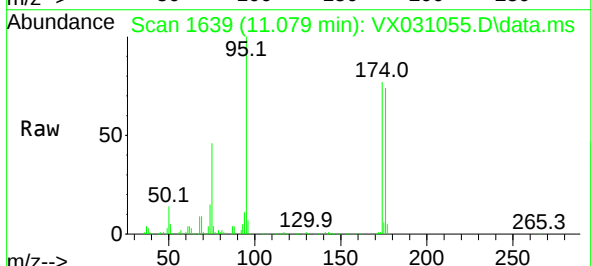
Tgt Ion: 95 Resp: 178933

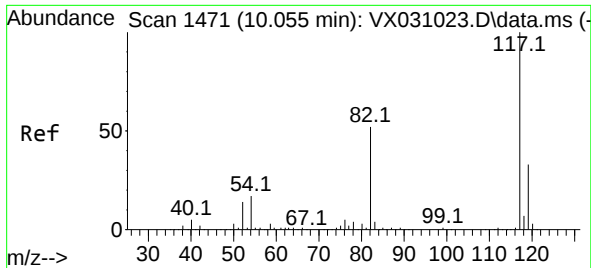
Ion Ratio Lower Upper

95 100

174 87.0 0.0 149.0

176 83.0 0.0 146.0

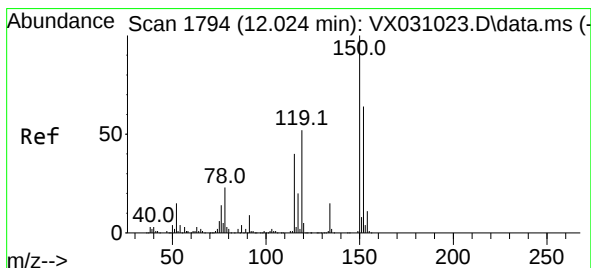
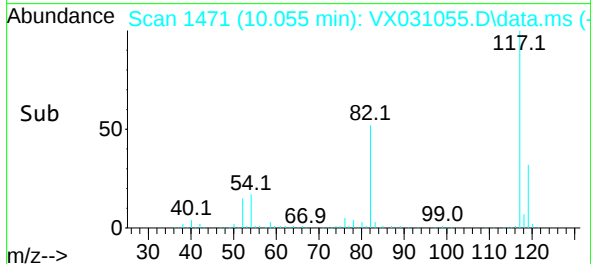
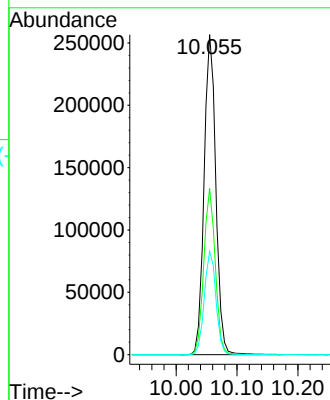
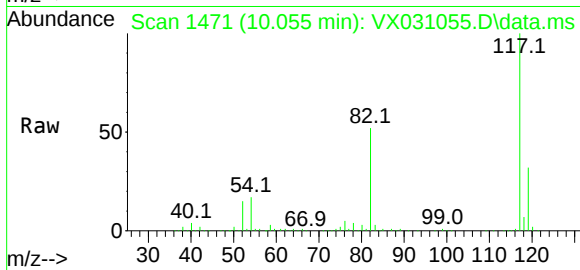




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

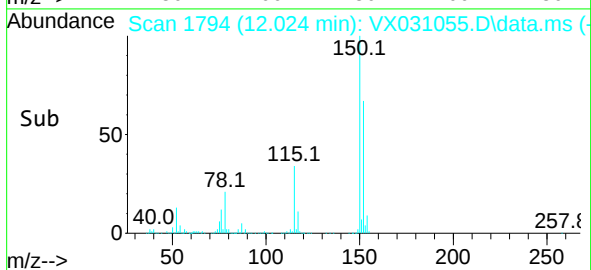
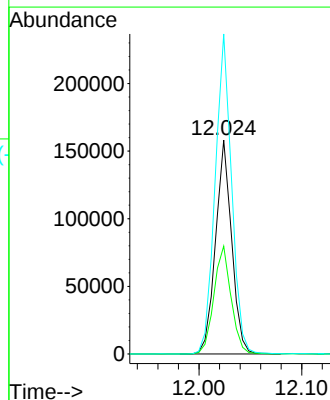
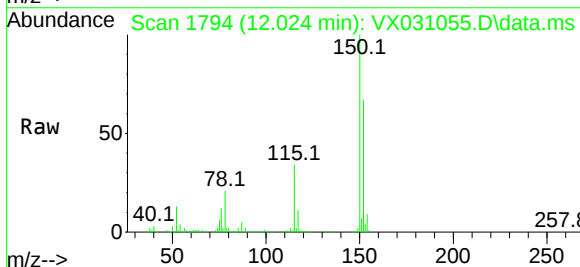
Instrument :
MSVOA_X
ClientSampleId :

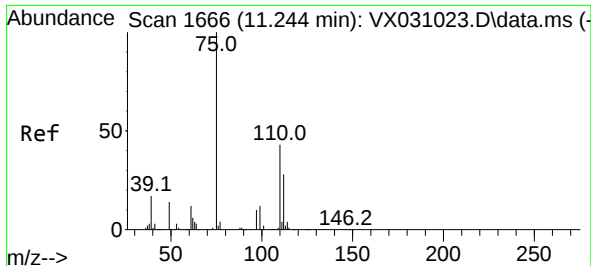
Tgt Ion:117 Resp: 344382
Ion Ratio Lower Upper
117 100
82 51.9 42.7 64.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion:152 Resp: 172022
Ion Ratio Lower Upper
152 100
115 53.8 40.5 121.5
150 152.8 0.0 347.0

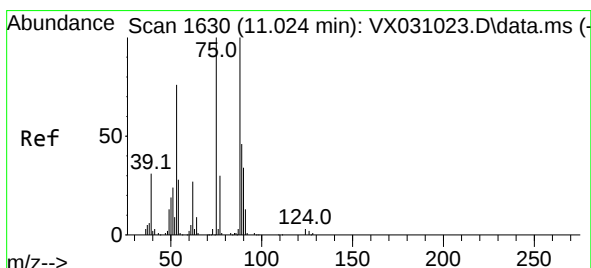
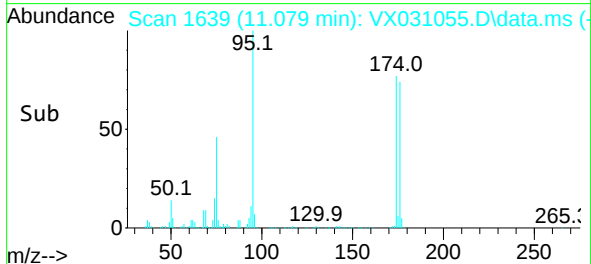
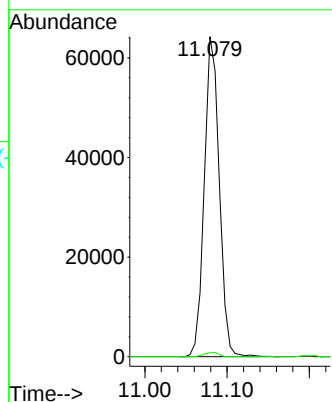
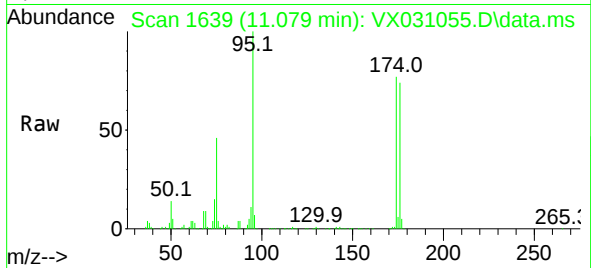




#76
1,2,3-Trichloropropane
Concen: 19.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 81308
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031055.D
Acq: 02 Sep 2022 10:23

Tgt Ion: 75 Resp: 81308
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

