

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031045.D
 Acq On : 02 Sep 2022 01:13
 Operator : JC/MD
 Sample : N4298-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20220822

Quant Time: Sep 02 02:58:03 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)

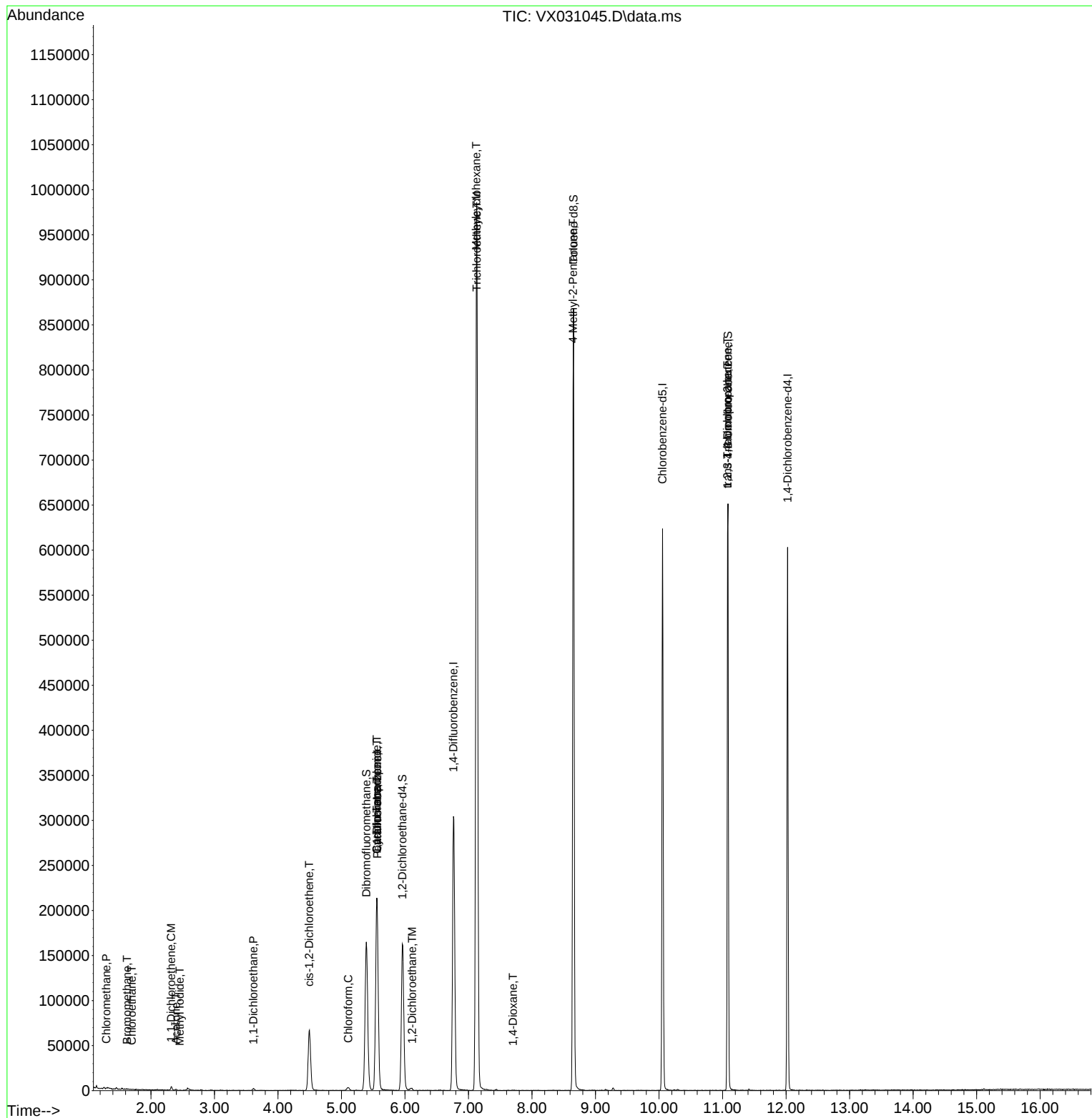
Internal Standards						
1) Pentafluorobenzene	5.562	168	217714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156494	55.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.720%	
35) Dibromofluoromethane	5.391	113	149508	59.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.340%	
50) Toluene-d8	8.653	98	550075	59.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 118.300%#	
62) 4-Bromofluorobenzene	11.085	95	180898	55.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	229	0.806	ug/l #	42
5) Bromomethane	1.624	94	263	0.251	ug/l #	65
6) Chloroethane	1.697	64	126	1.811	ug/l #	41
10) Methyl Iodide	2.453	142	38	2.923	ug/l #	45
11) Tert butyl alcohol	2.995	59	31	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	1162	0.459	ug/l	98
16) Acetone	2.392	43	1141	1.055	ug/l #	78
20) Methylene Chloride	2.782	84	199	Below Cal	#	60
24) 1,1-Dichloroethane	3.611	63	2376	0.521	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	48269	15.303	ug/l	84
30) Chloroform	5.105	83	4422	0.884	ug/l	95
31) Cyclohexane	5.556	56	3293	0.861	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14848	4.195	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20366	5.543	ug/l #	16
39) Methylcyclohexane	7.123	83	4256	0.970	ug/l #	1
42) 1,2-Dichloroethane	6.111	62	2669	0.796	ug/l	90
44) Trichloroethene	7.129	130	414273	128.797	ug/l	98
49) 1,4-Dioxane	7.702	88	432	5.853	ug/l #	28
51) 4-Methyl-2-Pentanone	8.647	43	1791	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80145	25.759	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80145	80.956	ug/l #	13

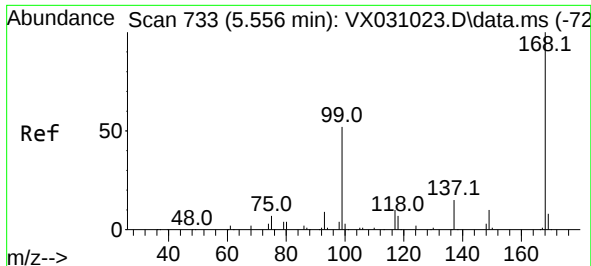
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
RE104D2-20220822

Quant Time: Sep 02 02:58:03 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

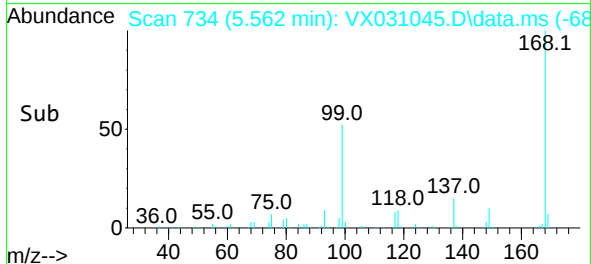
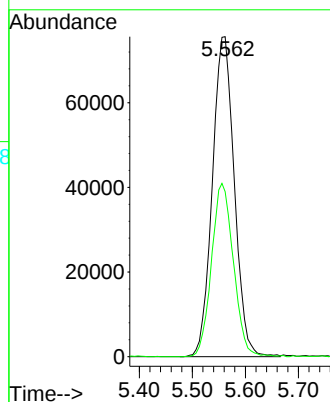
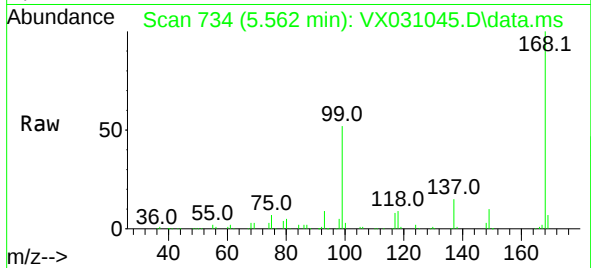




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

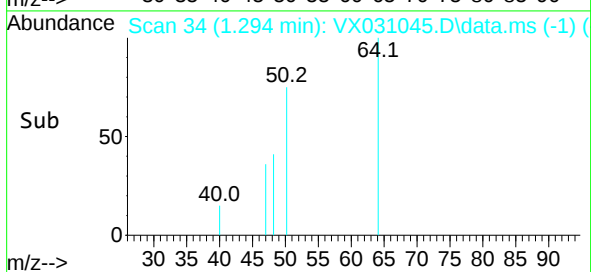
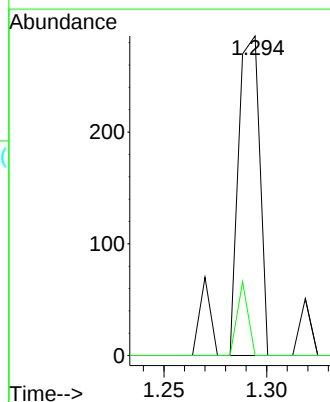
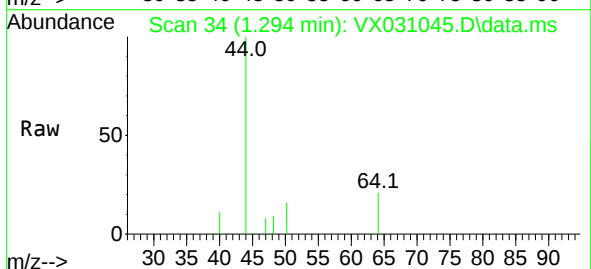
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

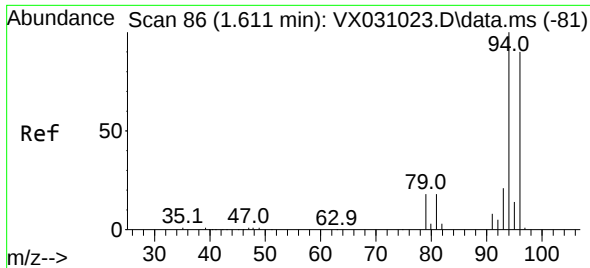
Tgt Ion:168 Resp: 217714
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#3
Chloromethane
Concen: 0.806 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 50 Resp: 229
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

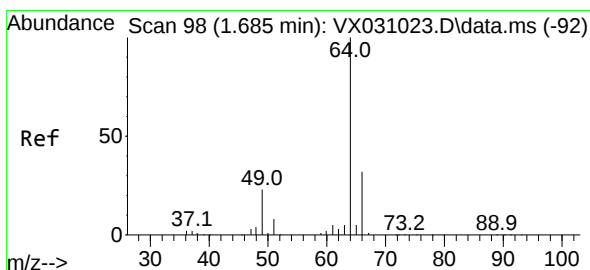
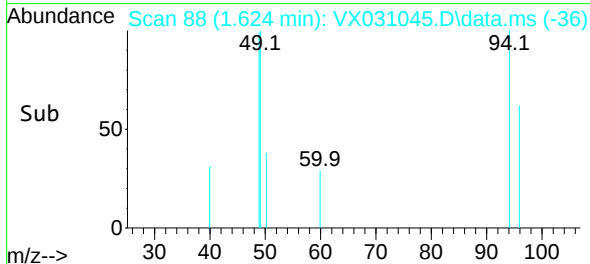
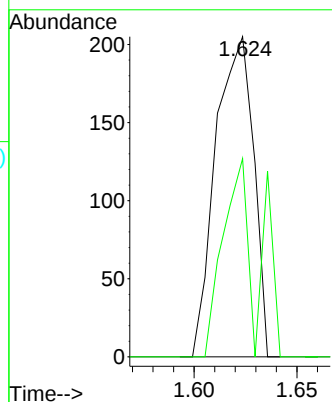
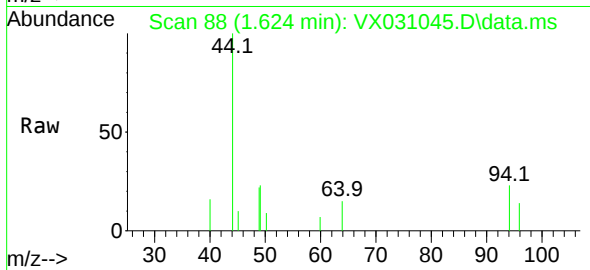




#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

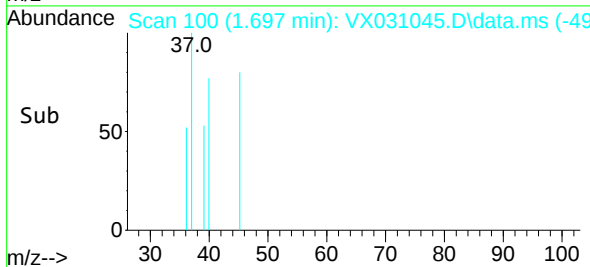
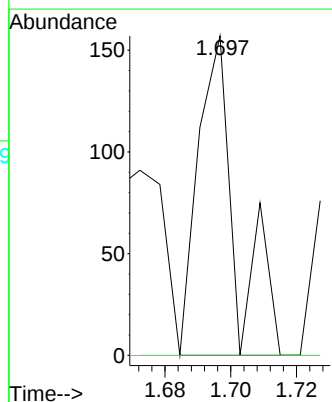
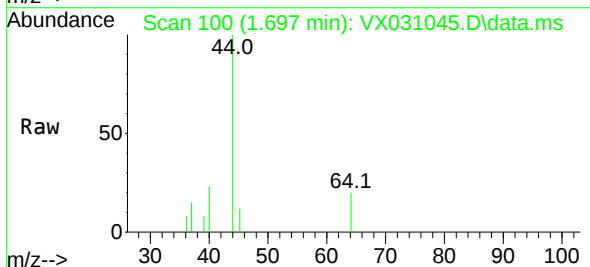
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

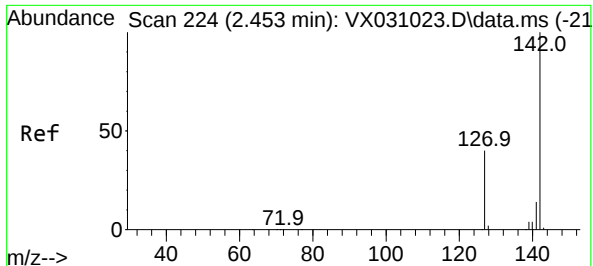
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 62.0 76.9 115.3#



#6
Chloroethane
Concen: 1.811 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

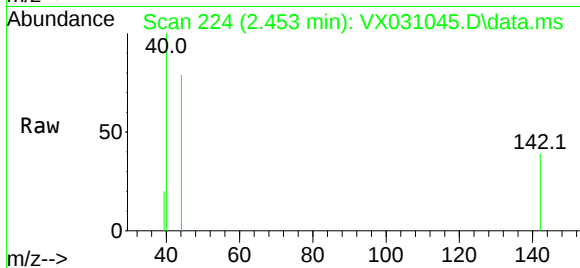
Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



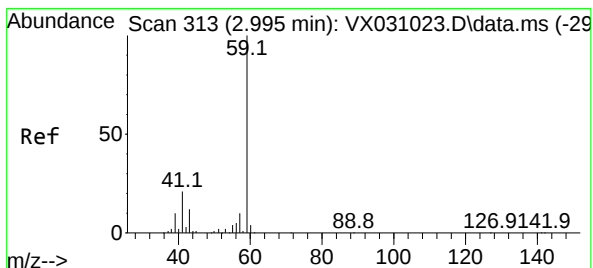
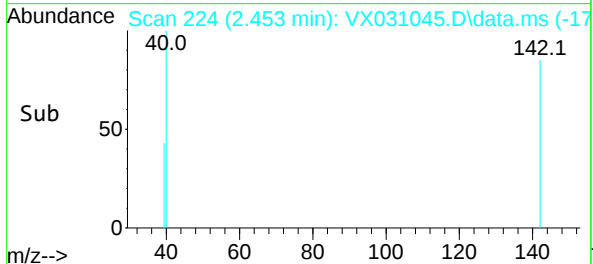
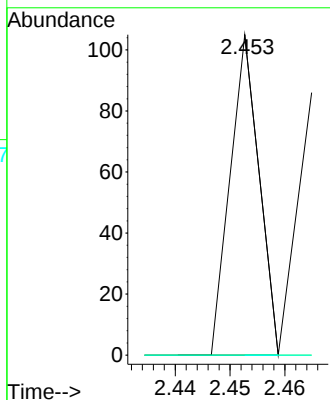


#10
Methyl Iodide
Concen: 2.923 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

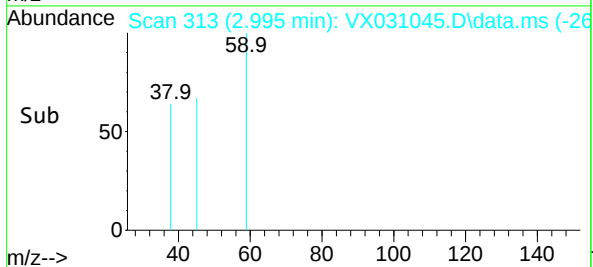
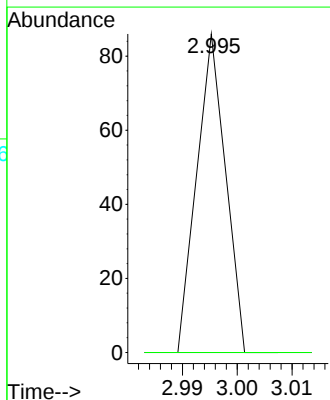
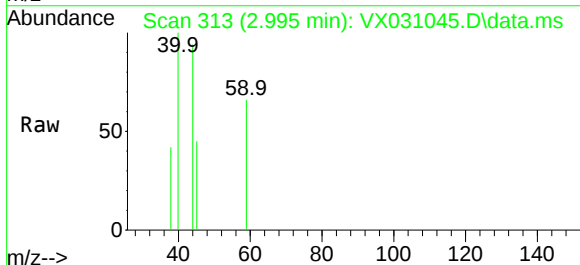


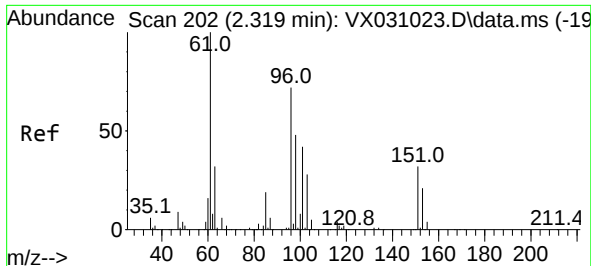
Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 59 Resp: 31
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

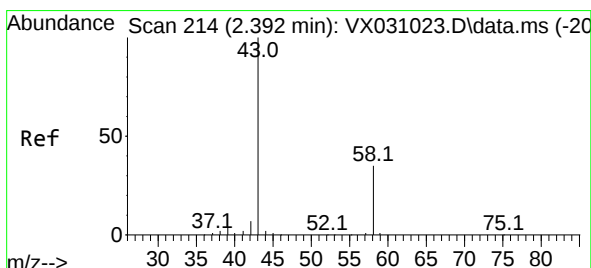
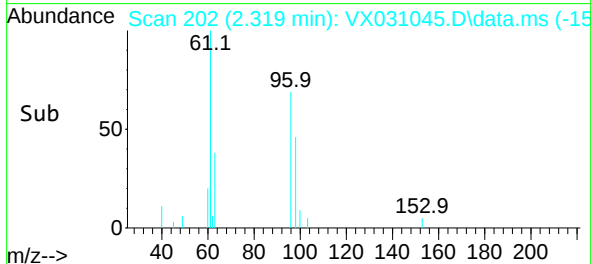
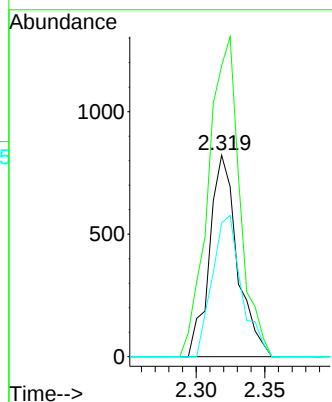
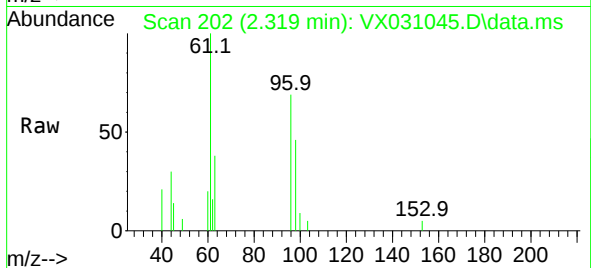




#12
1,1-Dichloroethene
Concen: 0.459 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

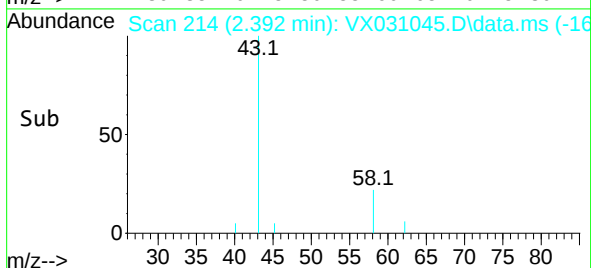
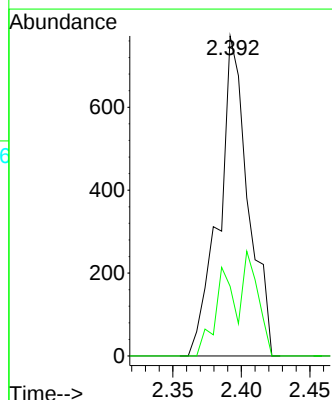
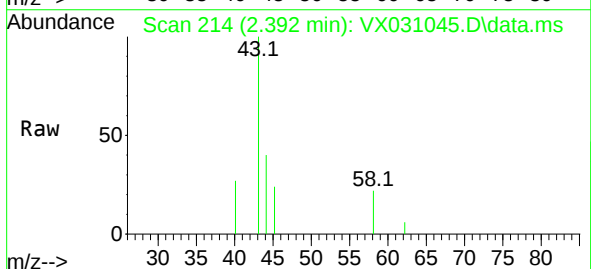
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

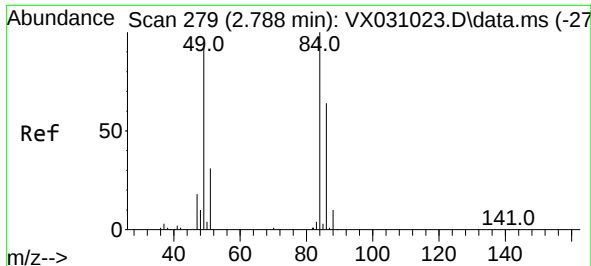
Tgt Ion: 96 Resp: 1162
Ion Ratio Lower Upper
96 100
61 144.4 117.4 176.0
98 66.4 52.2 78.4



#16
Acetone
Concen: 1.055 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

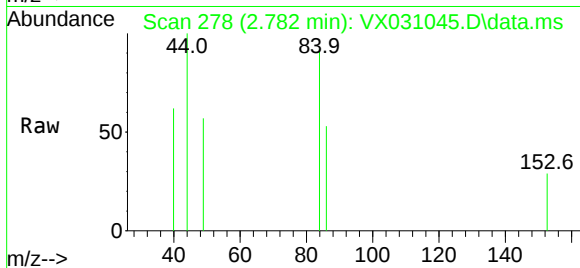
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 21.8 27.7 41.5#



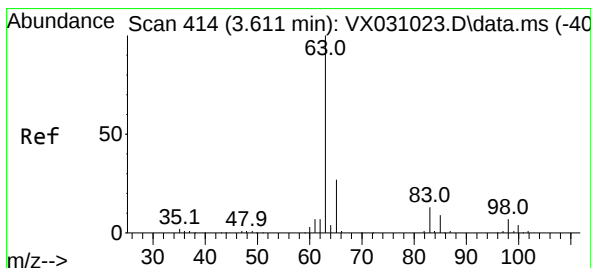
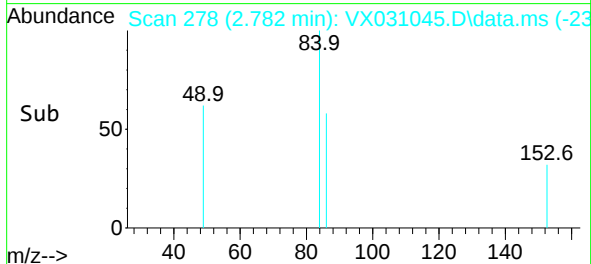
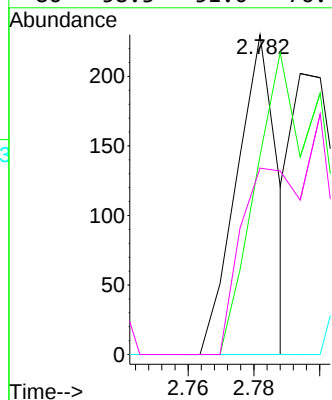


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

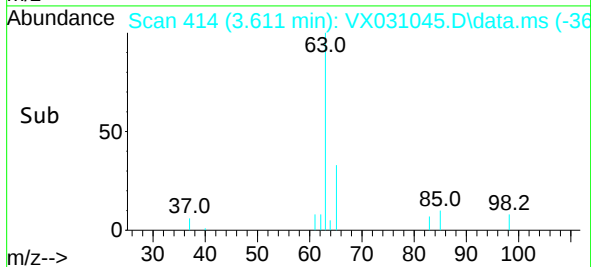
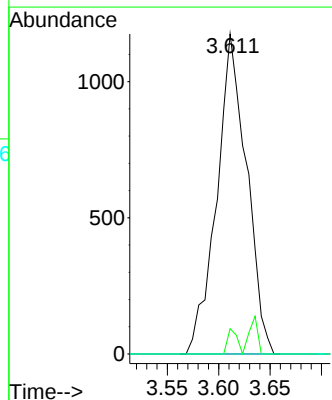
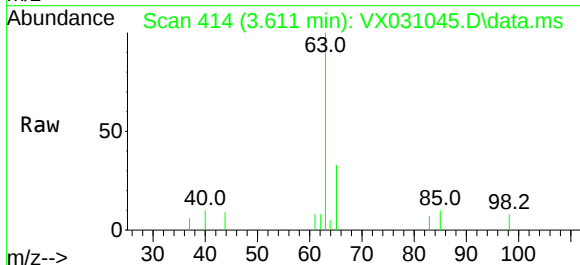


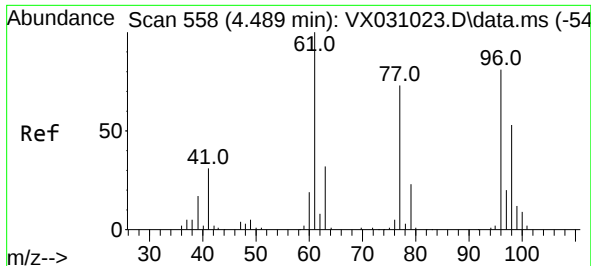
Tgt Ion: 84	Resp: 199
Ion Ratio	Lower Upper
84 100	
49 62.2	93.8 140.6#
51 0.0	29.4 44.0#
86 58.3	51.0 76.4



#24
1,1-Dichloroethane
Concen: 0.521 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 63	Resp: 2376		
Ion Ratio	Lower	Upper	
63 100			
98 7.9	3.5	10.5	
100 0.0	2.3	6.9#	



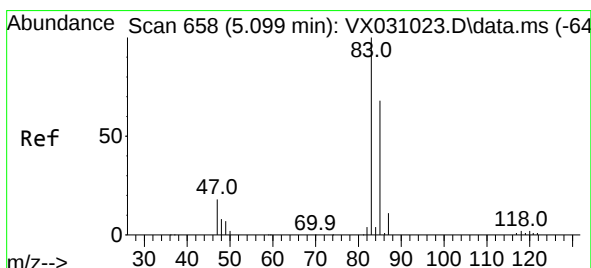
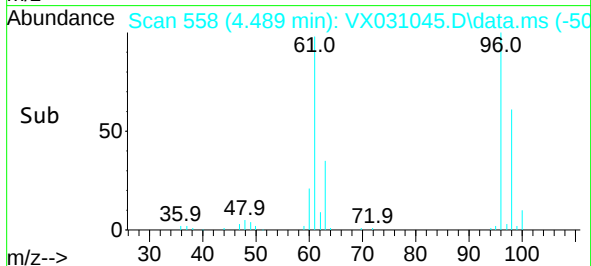
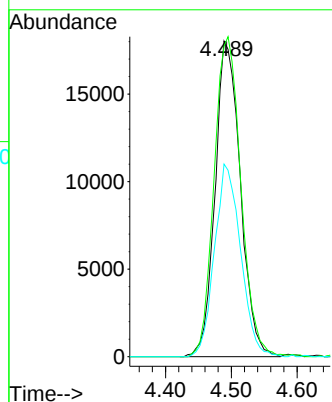
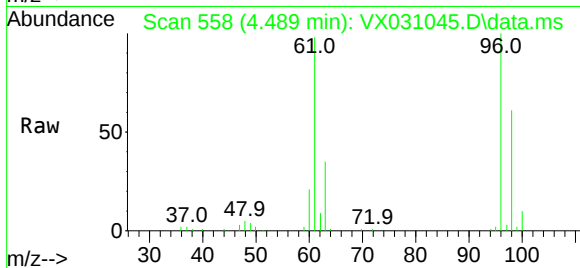


#27
 cis-1,2-Dichloroethene
 Concen: 15.303 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX031045.D
 Acq: 02 Sep 2022 01:13

Instrument :
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Tgt Ion: 96 Resp: 48269

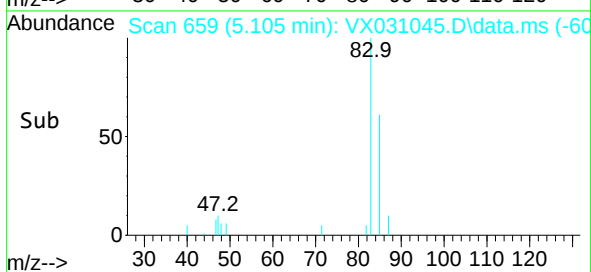
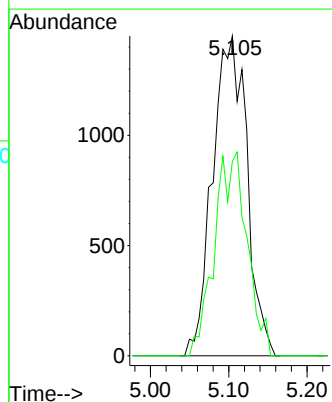
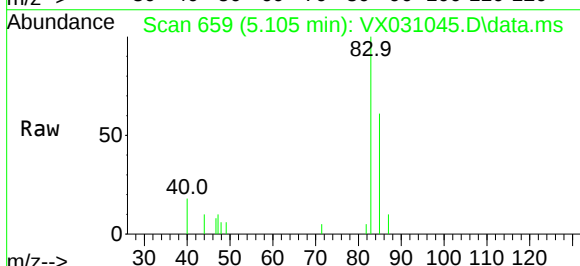
Ion	Ratio	Lower	Upper
96	100		
61	107.4	0.0	270.0
98	63.0	0.0	127.8

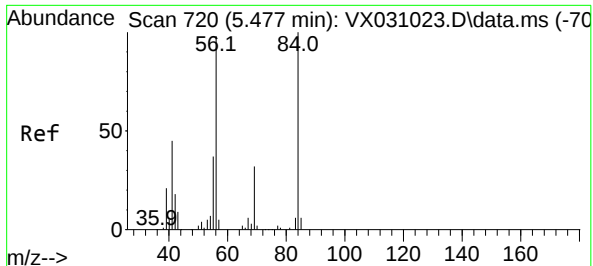


#30
 Chloroform
 Concen: 0.884 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX031045.D
 Acq: 02 Sep 2022 01:13

Tgt Ion: 83 Resp: 4422

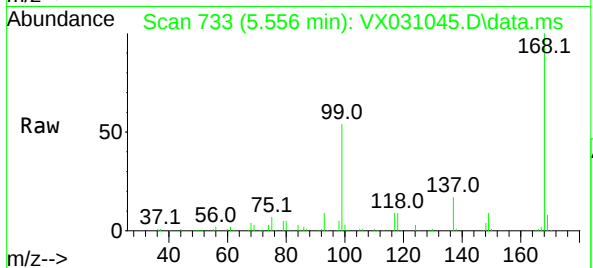
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.5	77.3



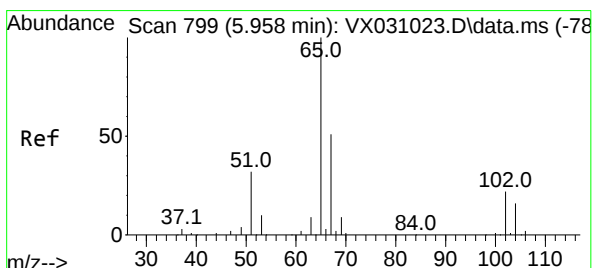
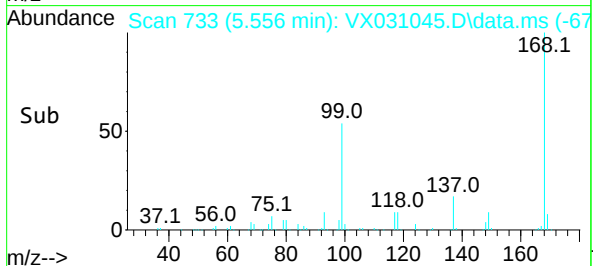
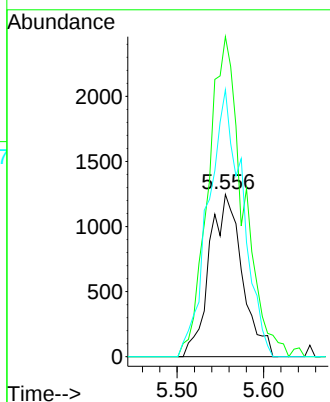


#31
Cyclohexane
Concen: 0.861 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

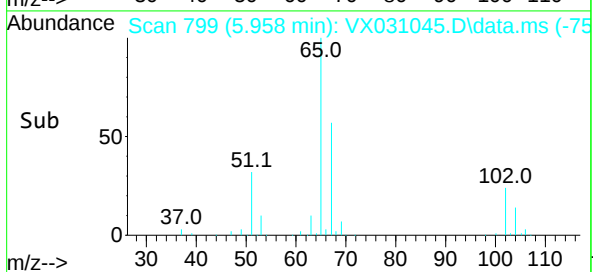
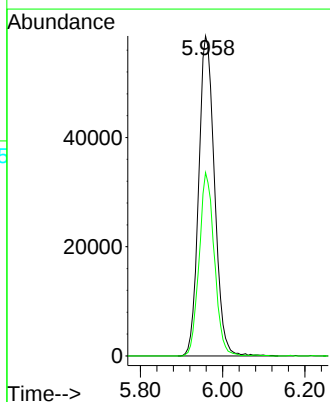
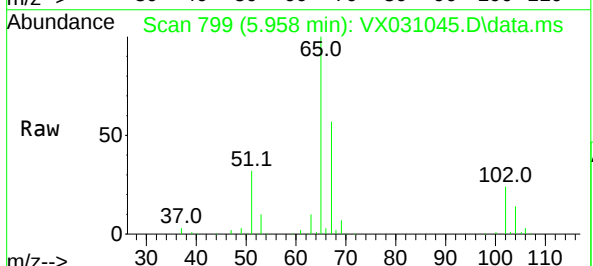


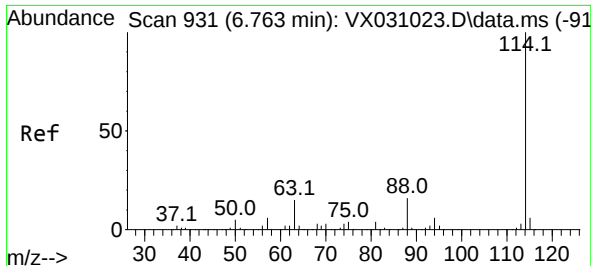
Tgt Ion: 56 Resp: 3293
Ion Ratio Lower Upper
56 100
69 197.2 25.4 38.0#
84 164.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.865 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 65 Resp: 156494
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

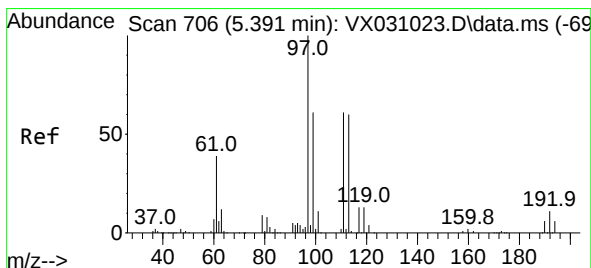
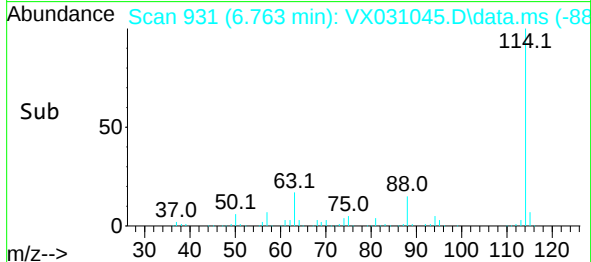
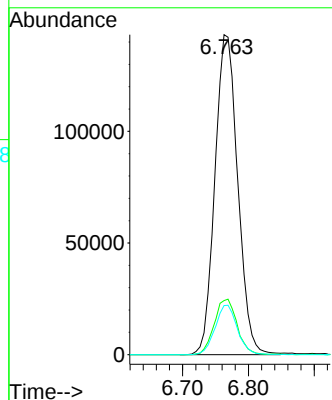
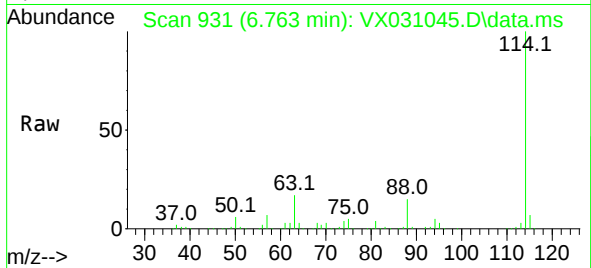




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

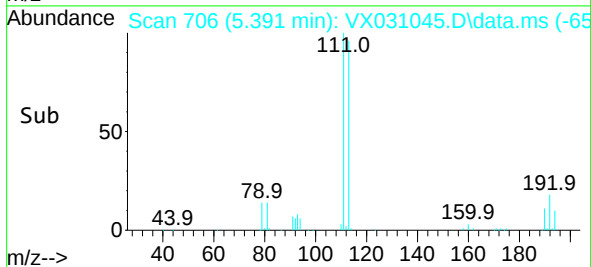
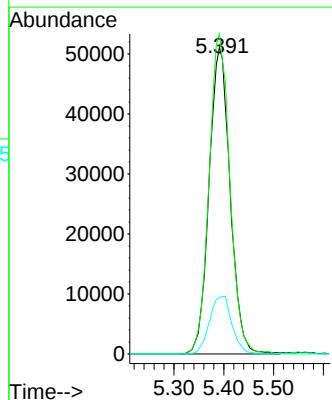
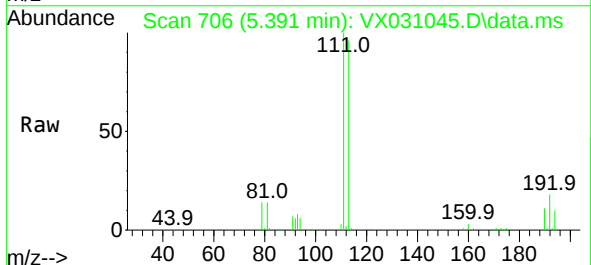
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

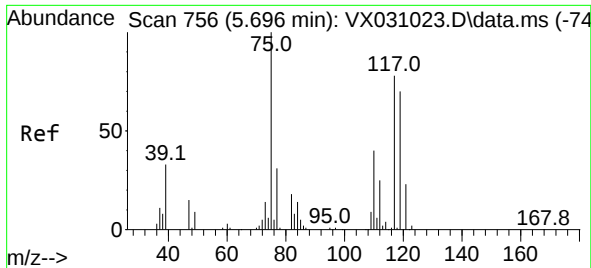
Tgt Ion:114 Resp: 346268
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.4
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.165 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion:113 Resp: 149508
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 20.0 14.8 22.2

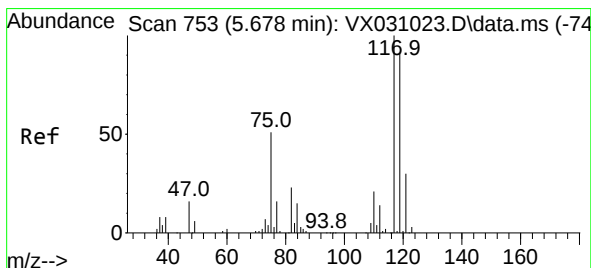
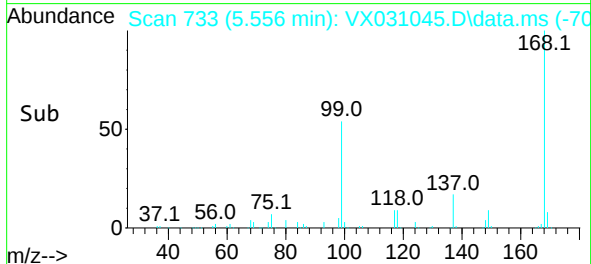
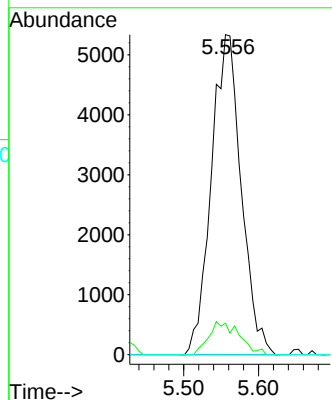
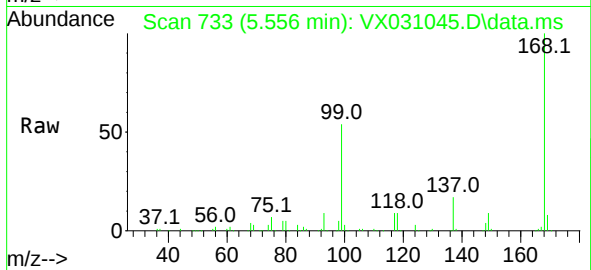




#36
1,1-Dichloropropene
Concen: 4.195 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

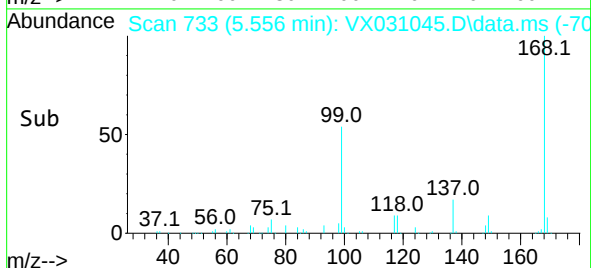
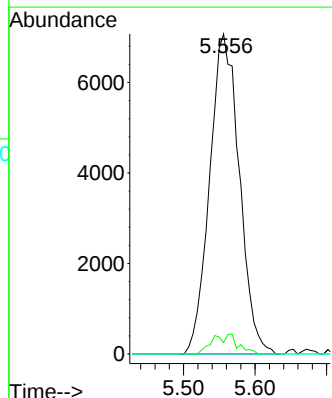
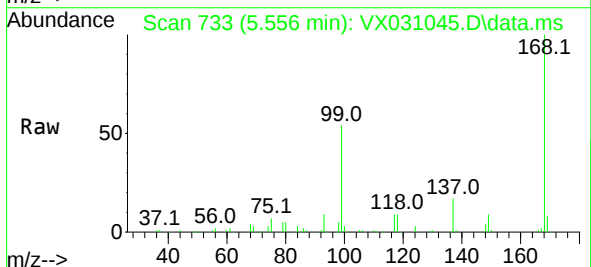
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

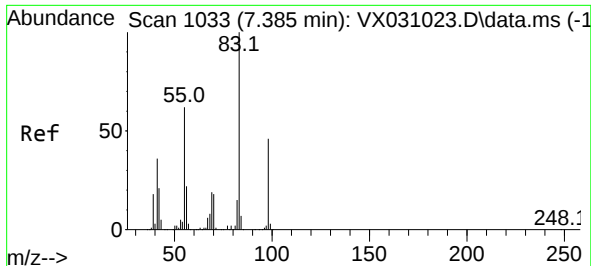
Tgt Ion: 75 Resp: 14848
Ion Ratio Lower Upper
75 100
110 10.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 117 Resp: 20366
Ion Ratio Lower Upper
117 100
119 3.6 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.970 ug/l

RT: 7.123 min Scan# 91

Delta R.T. -0.262 min

Lab File: VX031045.D

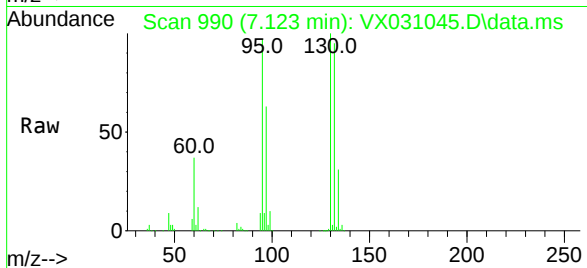
Acq: 02 Sep 2022 01:13

Instrument :

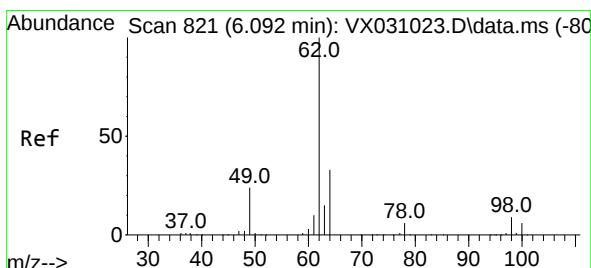
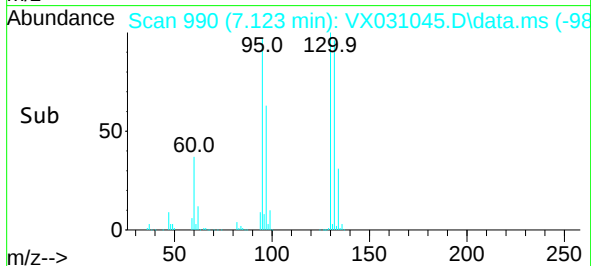
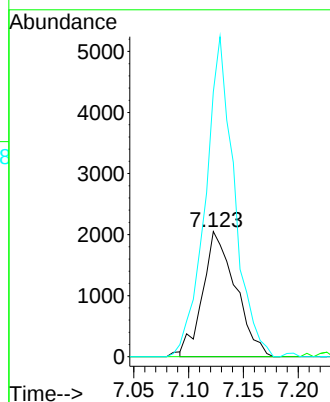
MSVOA_X

ClientSampleId :

RE104D2-20220822



Tgt Ion:	83	Resp:	4256
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.7	86.5#
98	211.6	36.5	54.7#



#42

1,2-Dichloroethane

Concen: 0.796 ug/l

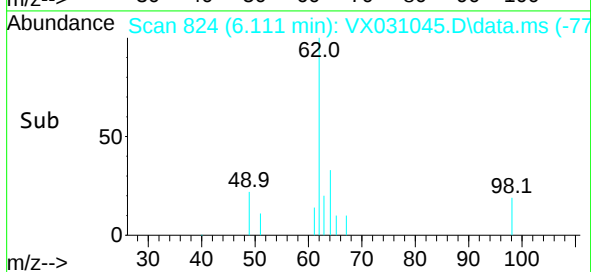
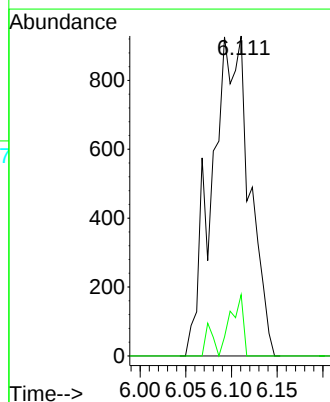
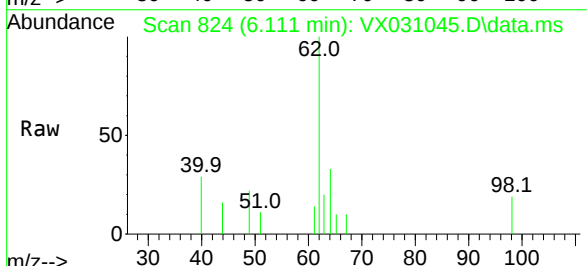
RT: 6.111 min Scan# 824

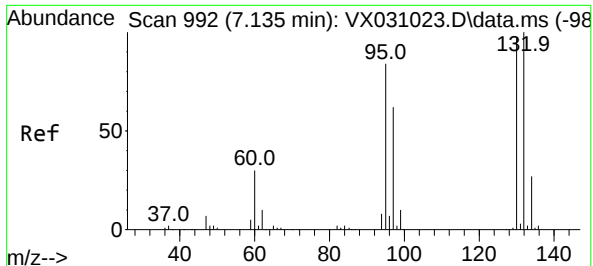
Delta R.T. 0.019 min

Lab File: VX031045.D

Acq: 02 Sep 2022 01:13

Tgt Ion:	62	Resp:	2669
Ion	Ratio	Lower	Upper
62	100		
98	6.5	0.0	20.2

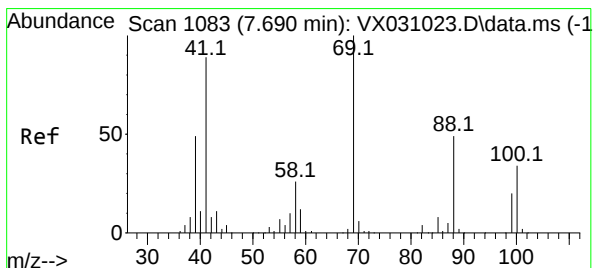
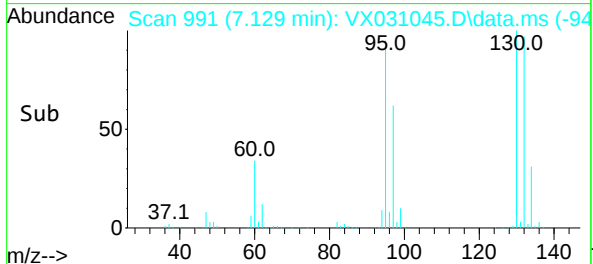
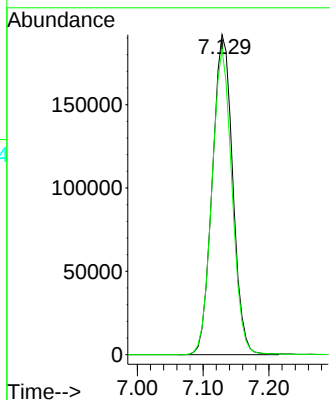
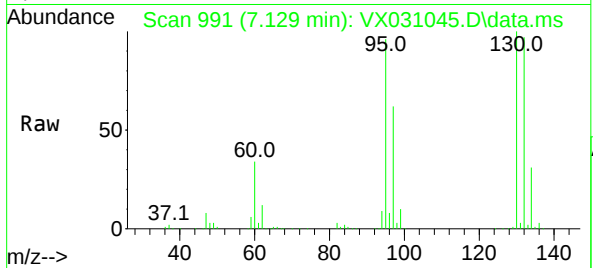




#44
Trichloroethene
Concen: 128.797 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

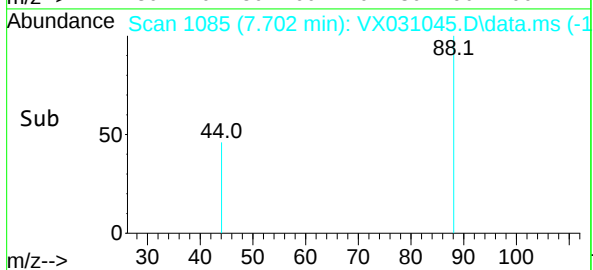
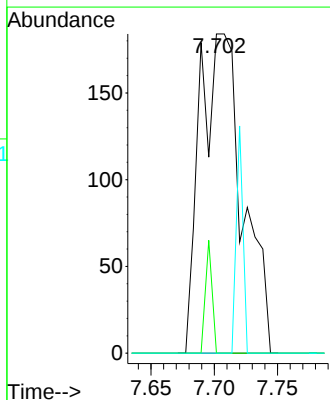
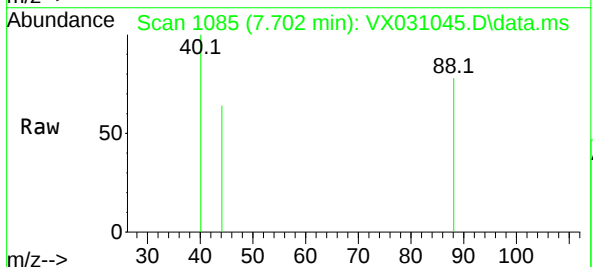
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

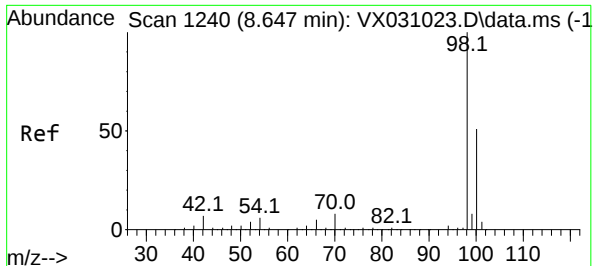
Tgt Ion:130 Resp: 414273
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8



#49
1,4-Dioxane
Concen: 5.853 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.025 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 88 Resp: 432
Ion Ratio Lower Upper
88 100
43 5.6 23.8 35.8#
58 0.0 53.8 80.6#

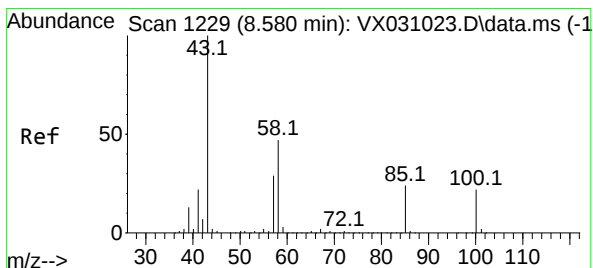
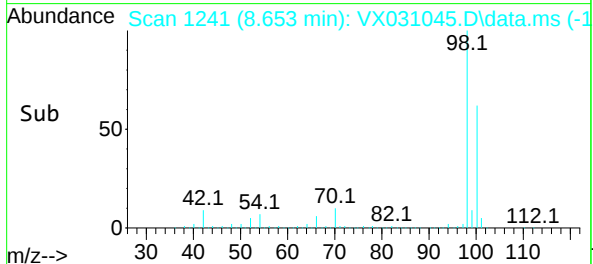
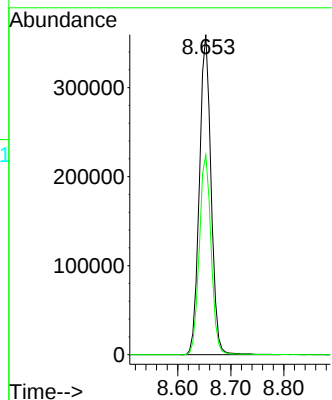
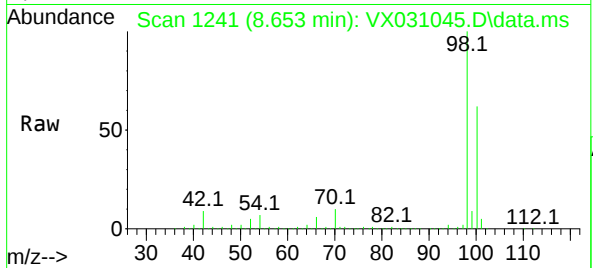




#50
Toluene-d8
Concen: 59.147 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

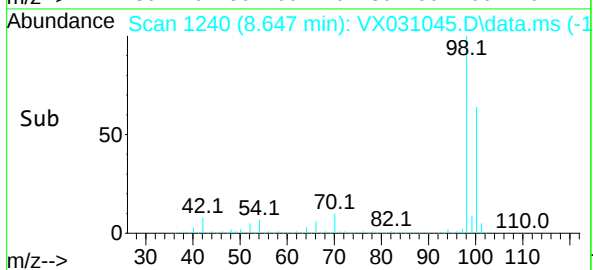
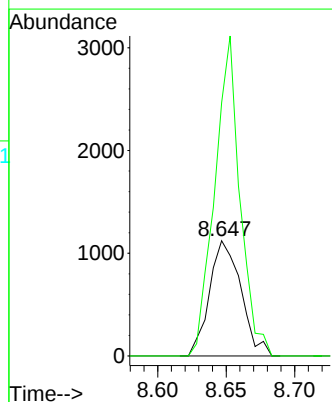
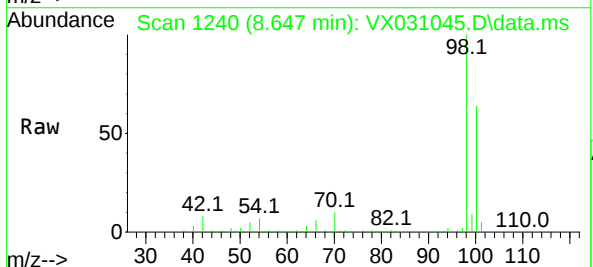
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

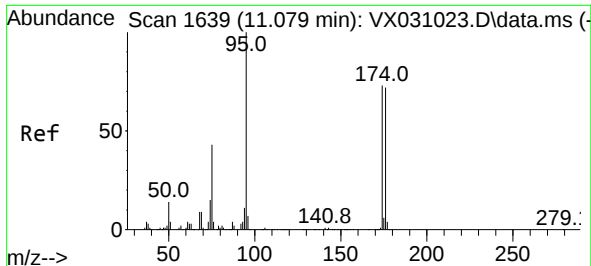
Tgt Ion: 98 Resp: 550075
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 223.2 31.4 47.2#

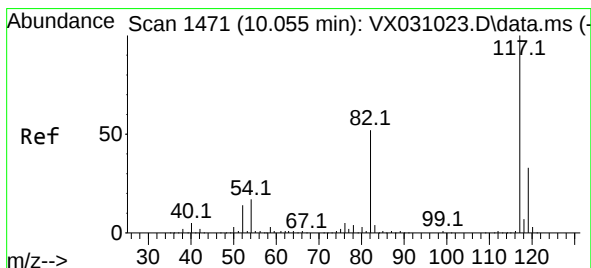
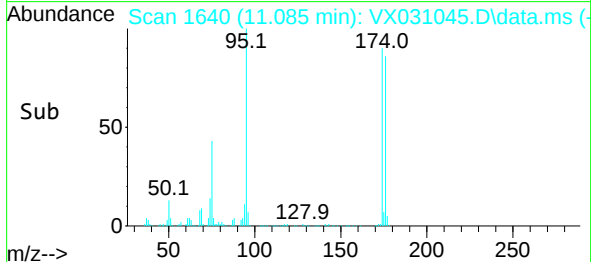
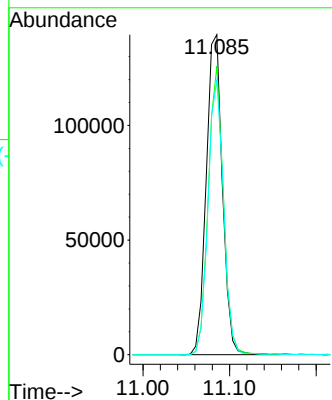
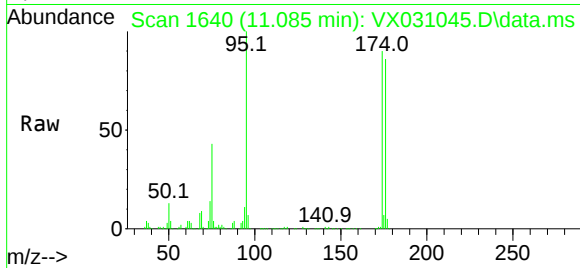




#62
4-Bromofluorobenzene
Concen: 55.072 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

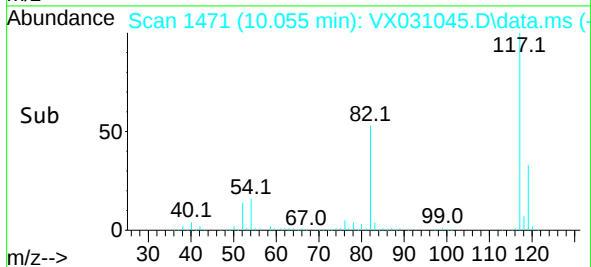
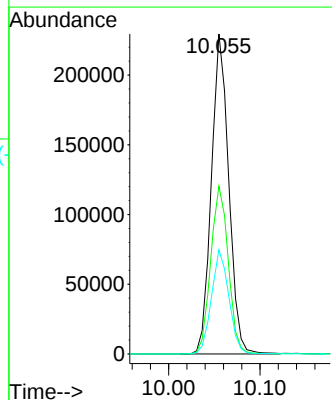
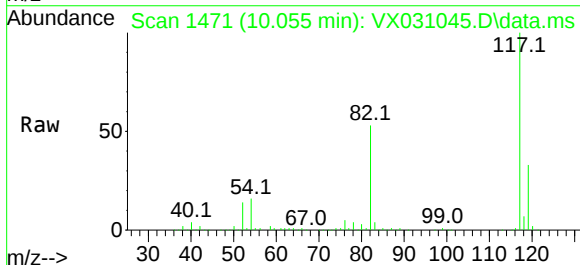
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20220822

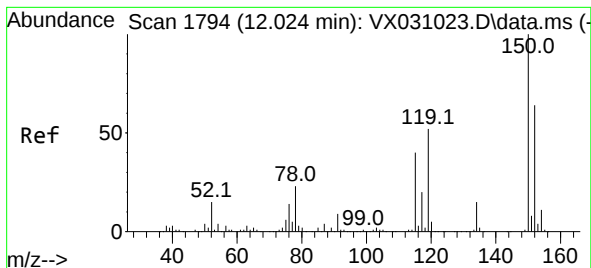
Tgt Ion: 95 Resp: 180898
Ion Ratio Lower Upper
95 100
174 84.9 0.0 149.0
176 82.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031045.D
Acq: 02 Sep 2022 01:13

Tgt Ion: 117 Resp: 301964
Ion Ratio Lower Upper
117 100
82 52.5 42.7 64.1
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031045.D

Acq: 02 Sep 2022 01:13

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20220822

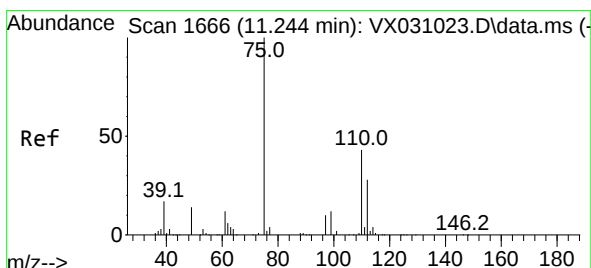
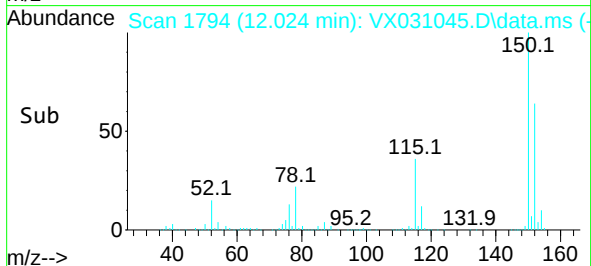
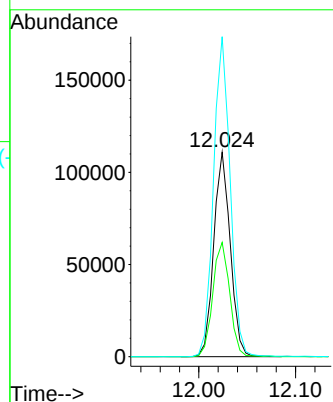
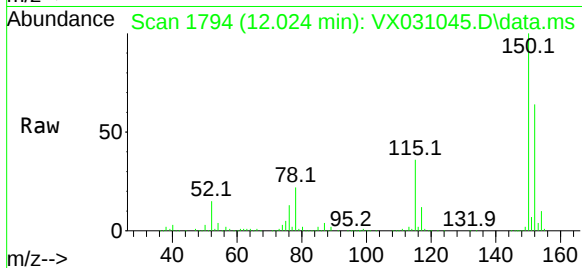
Tgt Ion:152 Resp: 131615

Ion Ratio Lower Upper

152 100

115 57.3 40.5 121.5

150 158.1 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 25.759 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX031045.D

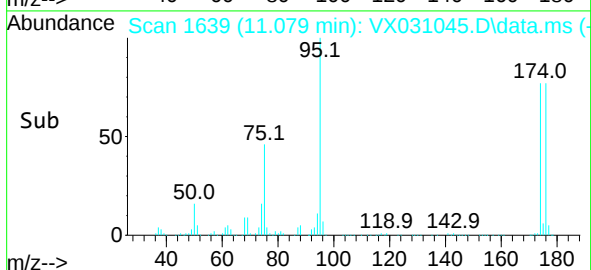
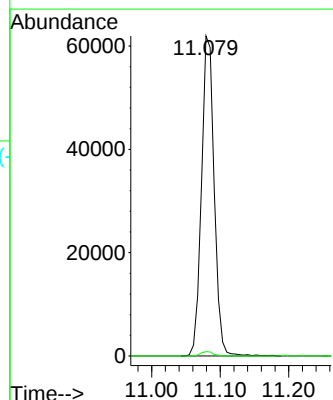
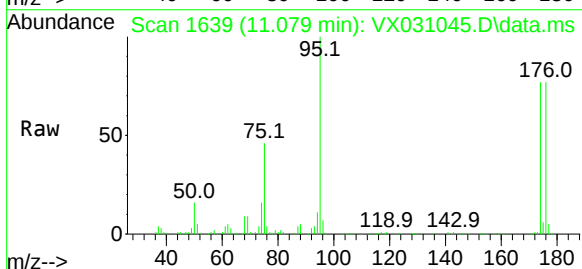
Acq: 02 Sep 2022 01:13

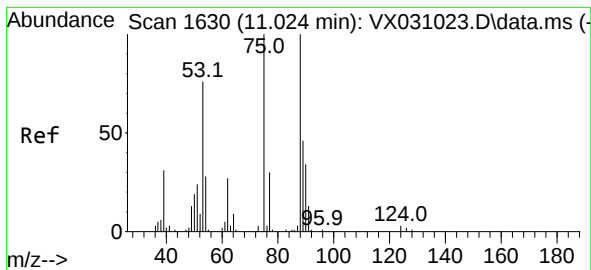
Tgt Ion: 75 Resp: 80145

Ion Ratio Lower Upper

75 100

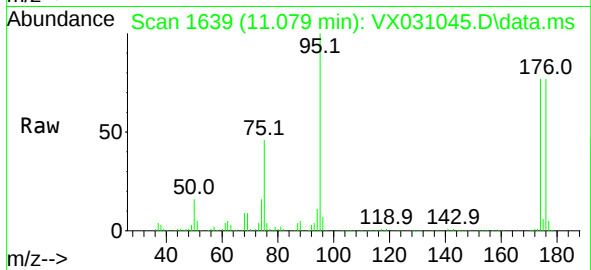
77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.956 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.055 min
 Lab File: VX031045.D
 Acq: 02 Sep 2022 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20220822



Tgt Ion: 75 Resp: 80145
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

