

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030857.D
 Acq On : 27 Aug 2022 09:00
 Operator : JC/MD
 Sample : N4281-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

Quant Time: Aug 27 22:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

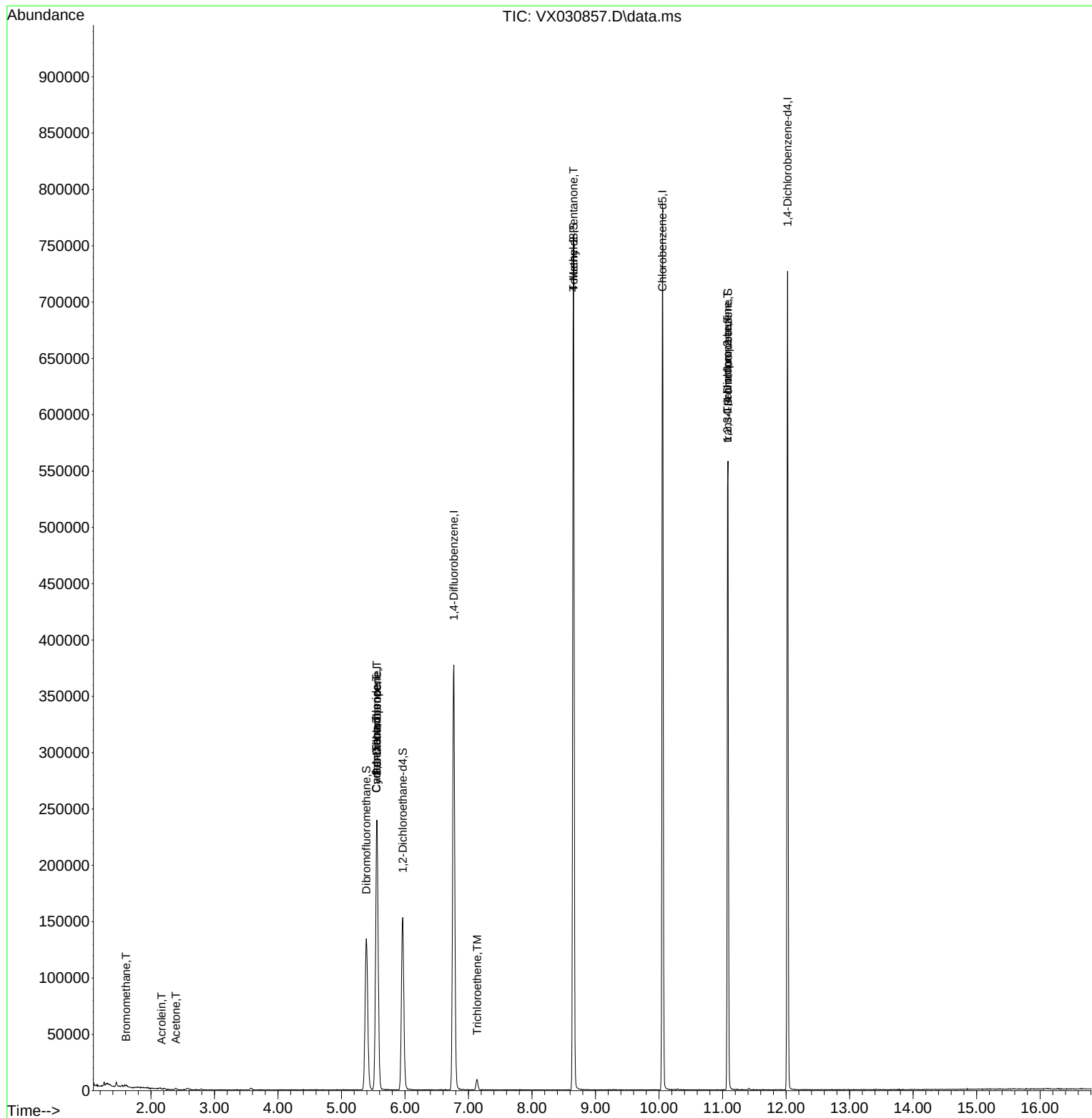
Internal Standards						
1) Pentafluorobenzene	5.556	168	220290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	384208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149139	57.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.120%	
35) Dibromofluoromethane	5.391	113	121771	51.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.140%	
50) Toluene-d8	8.653	98	452938	55.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	11.085	95	152103	49.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	395	Below Cal		95
4) Vinyl Chloride	1.404	62	22	Below Cal	#	49
5) Bromomethane	1.605	94	400	0.390	ug/l #	2
6) Chloroethane	1.648	64	670	Below Cal	#	41
13) Acrolein	2.166	56	25	10.101	ug/l #	14
16) Acetone	2.392	43	1704	1.423	ug/l	99
17) Carbon Disulfide	2.520	76	399	Below Cal	#	74
20) Methylene Chloride	2.782	84	475	Below Cal	#	52
31) Cyclohexane	5.550	56	4670	1.409	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18410	5.726	ug/l #	49
38) Carbon Tetrachloride	5.550	117	23446	6.913	ug/l #	18
44) Trichloroethene	7.135	130	3747	1.348	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1827	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76112	22.698	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76112	73.235	ug/l #	12

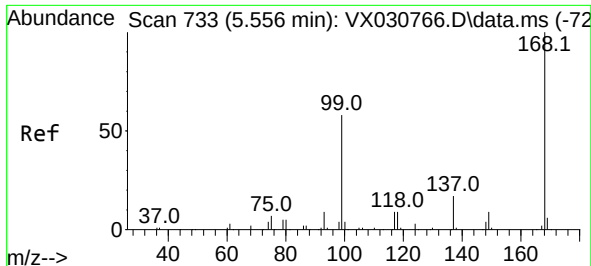
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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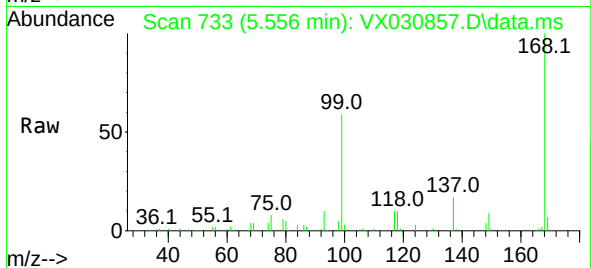
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Quant Title : SW846 8260
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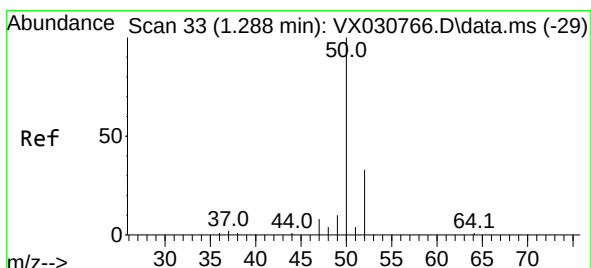
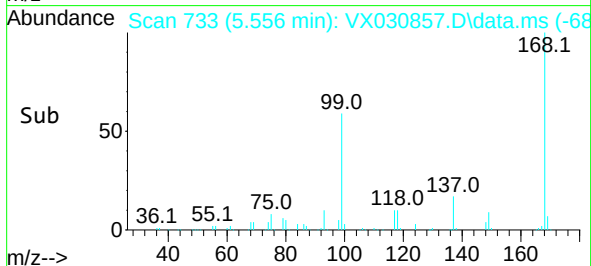
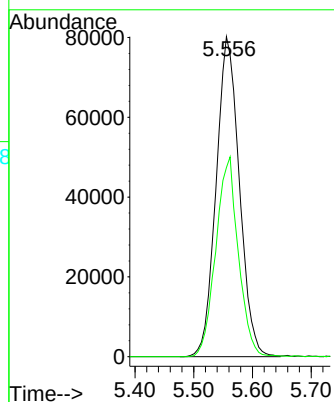


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

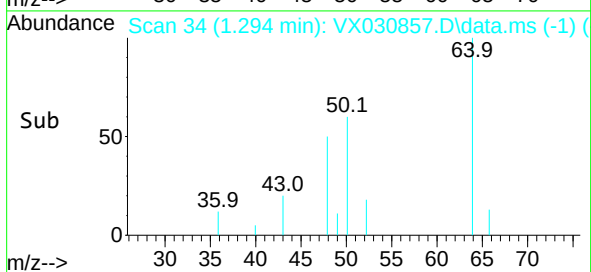
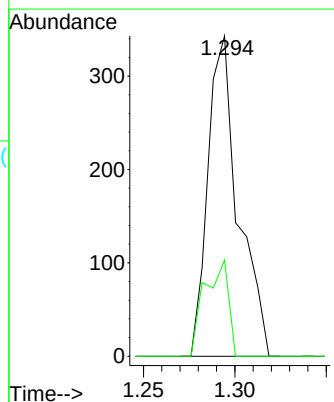
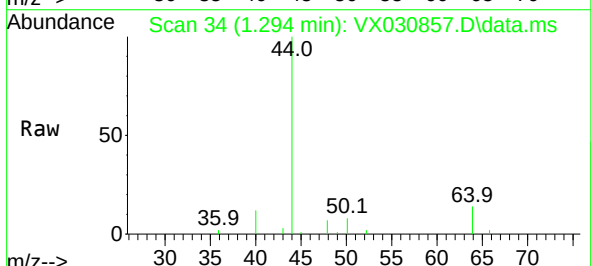


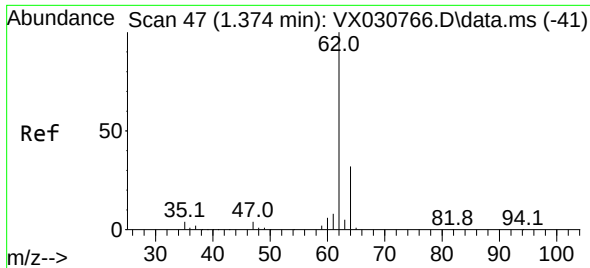
Tgt Ion:168 Resp: 220290
Ion Ratio Lower Upper
168 100
99 59.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 30.0 26.3 39.5

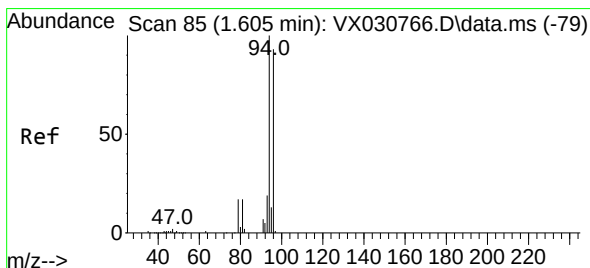
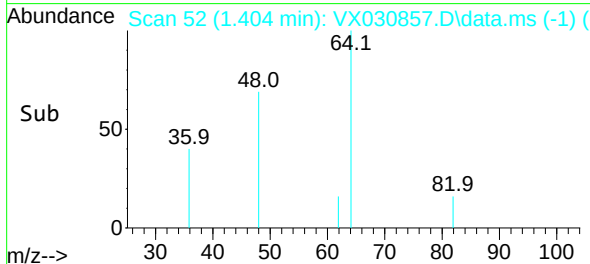
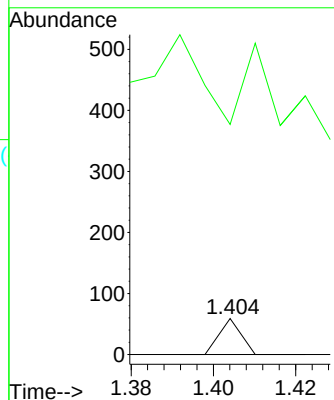
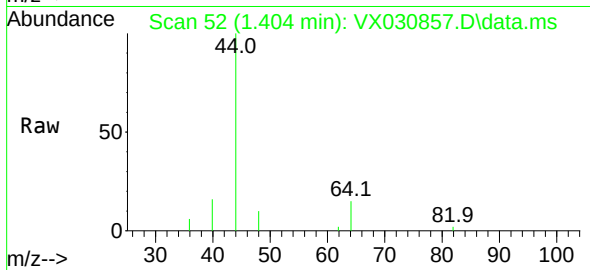




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.404 min Scan# 51
 Delta R.T. 0.030 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

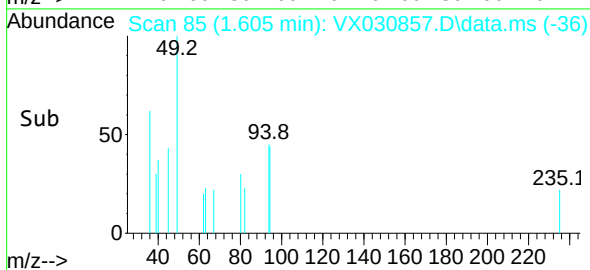
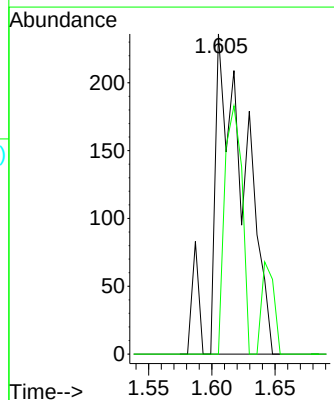
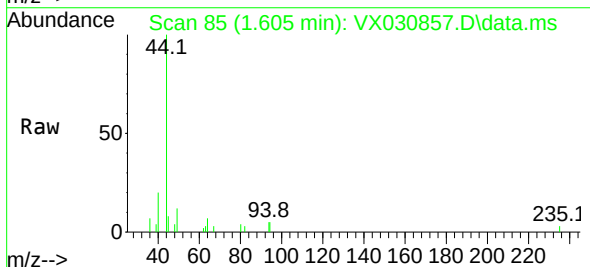
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

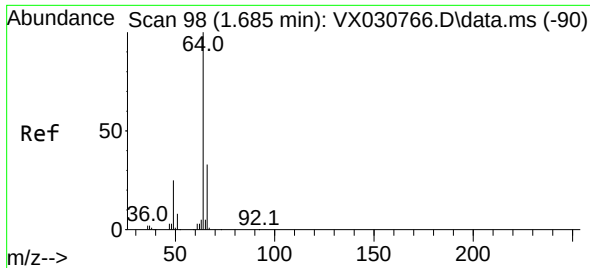
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 3.4 25.2 37.8#



#5
 Bromomethane
 Concen: 0.390 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

Tgt Ion: 94 Resp: 400
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.9 115.3#

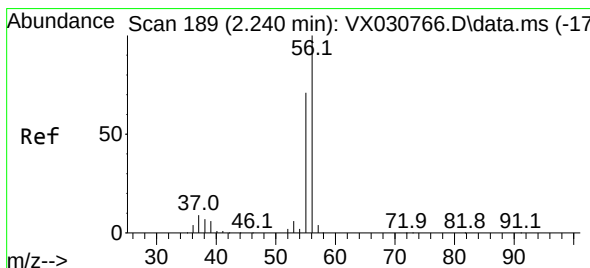
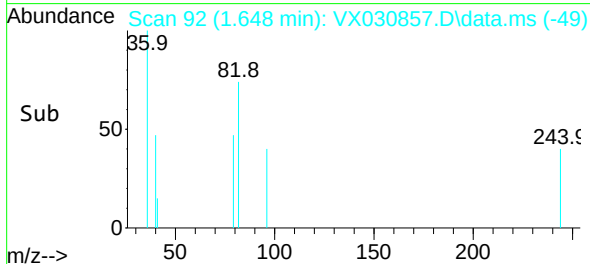
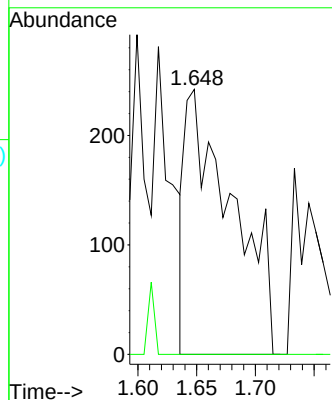
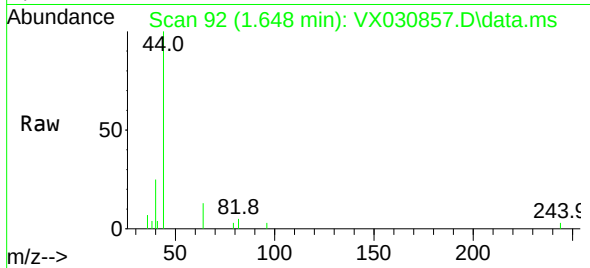




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

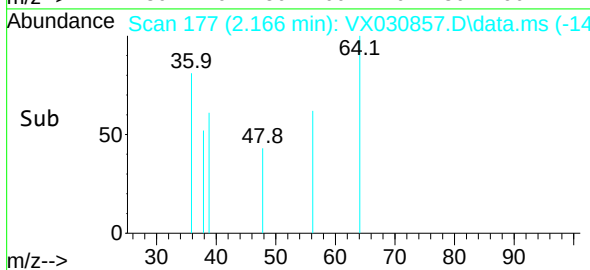
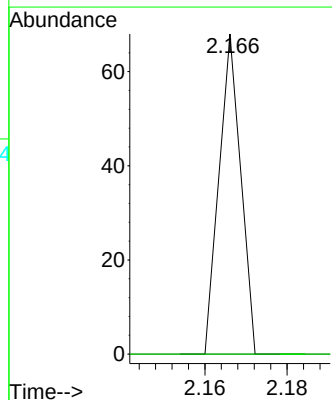
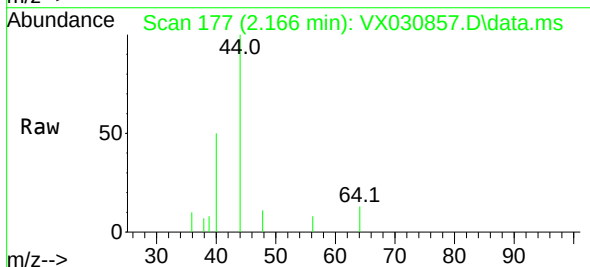
Instrument :
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ClientSampleId :
RE123D1-20220819

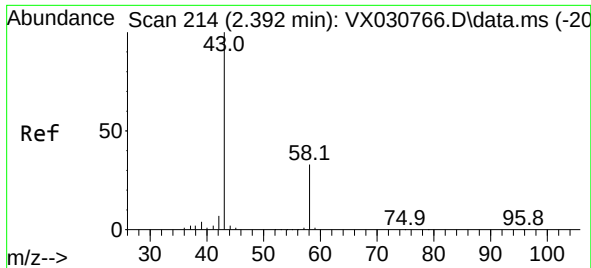
Tgt Ion: 64 Resp: 670
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#13
Acrolein
Concen: 10.101 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.074 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

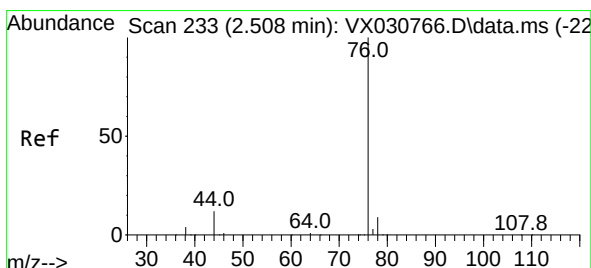
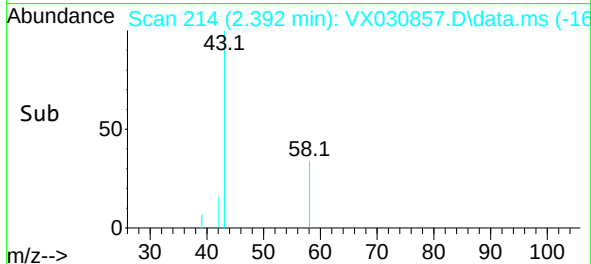
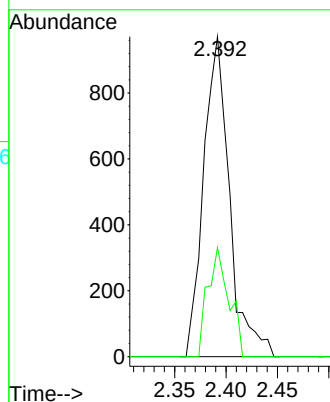
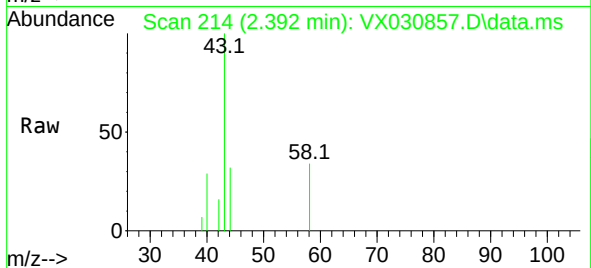




#16
Acetone
Concen: 1.423 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

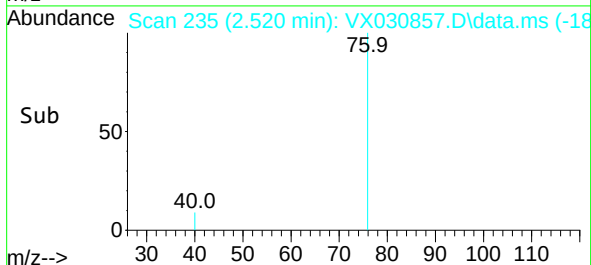
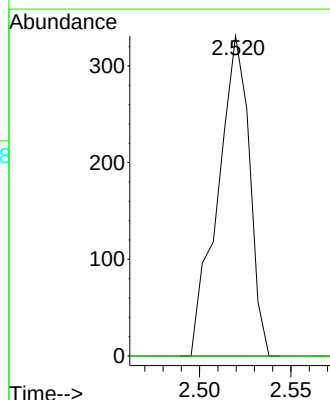
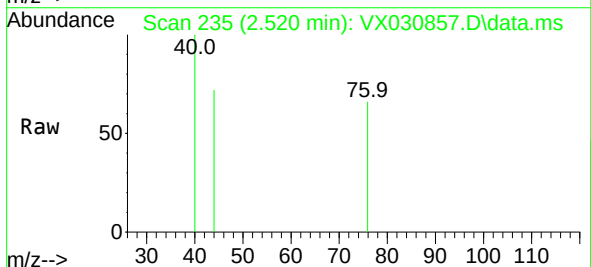
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

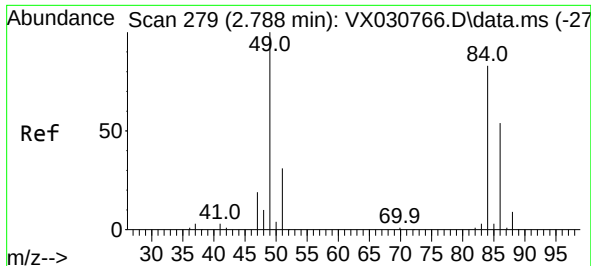
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

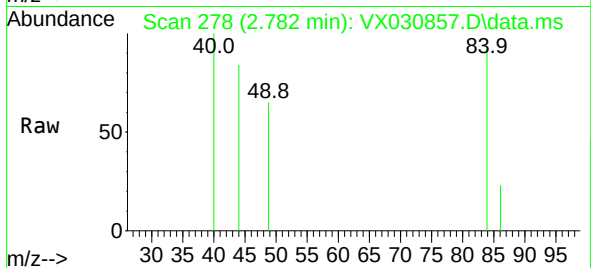
Tgt Ion: 76 Resp: 399
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



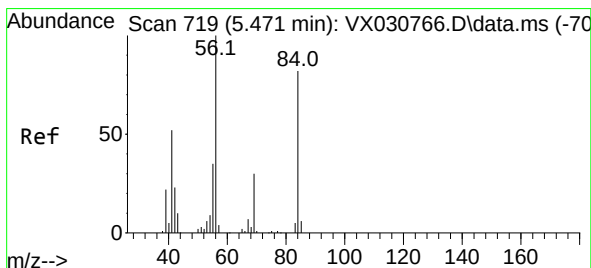
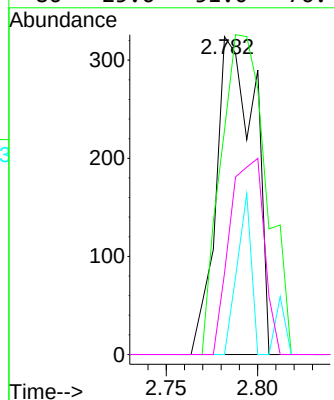
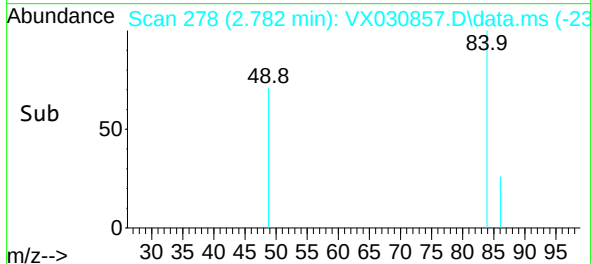


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

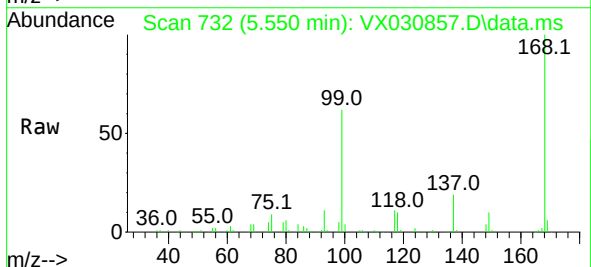
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819



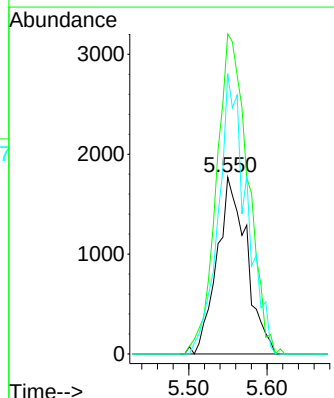
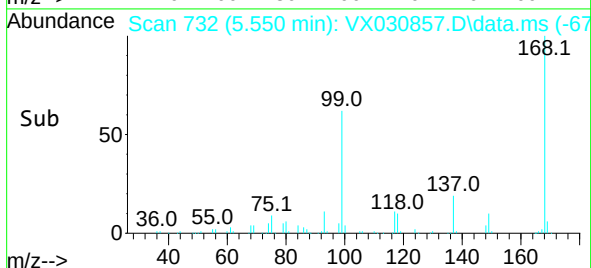
Tgt Ion:	84	Resp:	475
Ion	Ratio	Lower	Upper
84	100		
49	70.7	93.8	140.6#
51	0.0	29.4	44.0#
86	25.6	51.0	76.4#

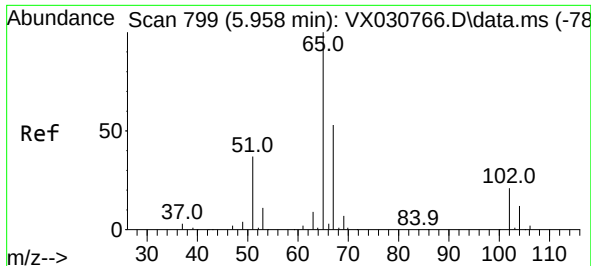


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00



Tgt Ion:	56	Resp:	4670
Ion	Ratio	Lower	Upper
56	100		
69	181.0	25.4	38.0#
84	158.6	68.9	103.3#

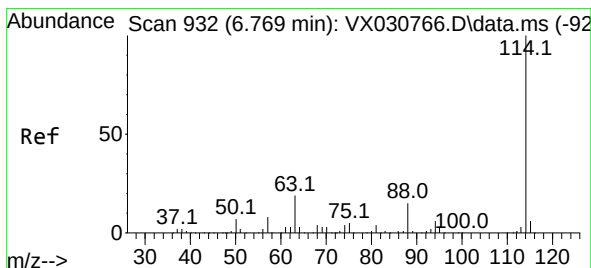
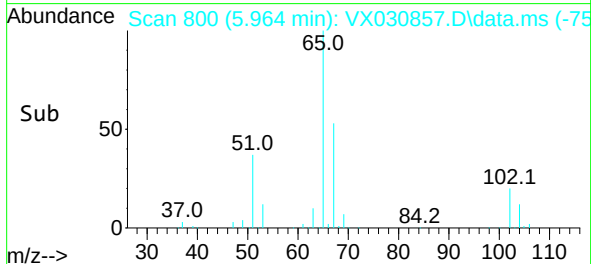
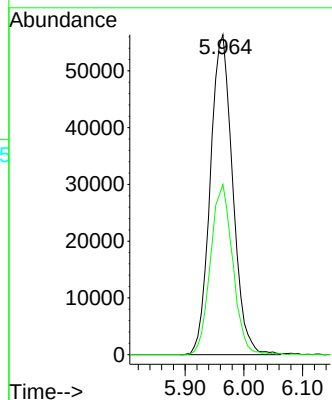
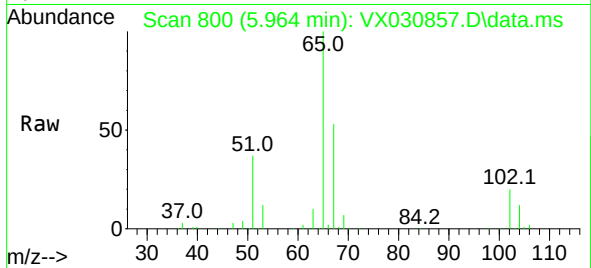




#33
 1,2-Dichloroethane-d4
 Concen: 57.556 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

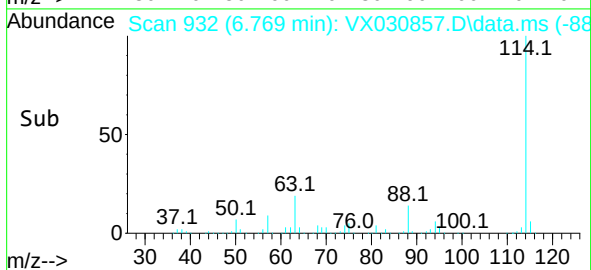
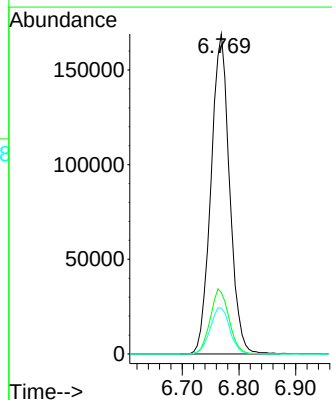
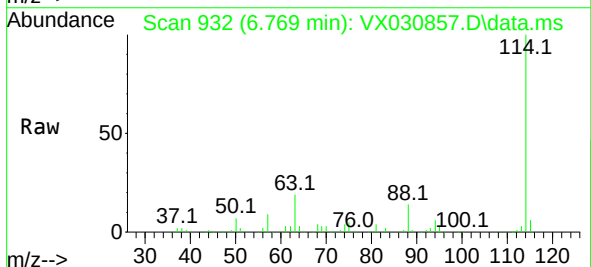
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

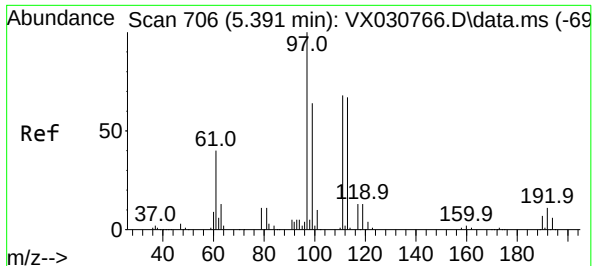
Tgt Ion: 65 Resp: 149139
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

Tgt Ion: 114 Resp: 384208
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.570 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030857.D

Acq: 27 Aug 2022 09:00

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20220819

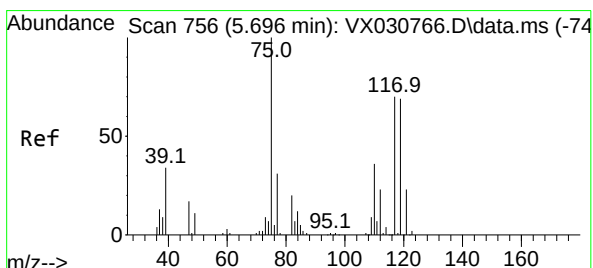
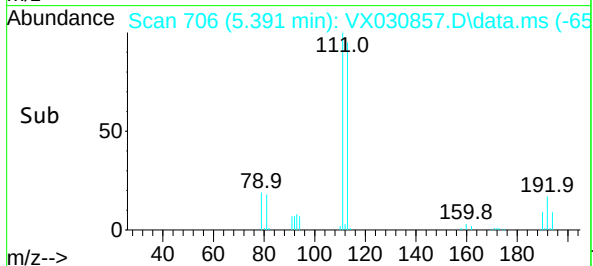
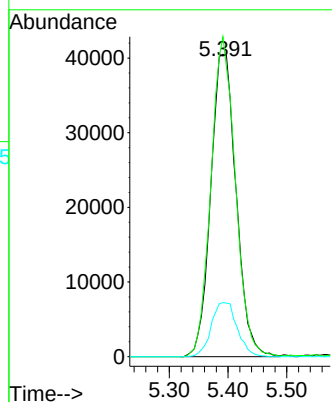
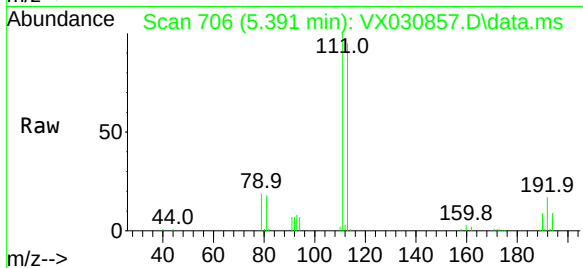
Tgt Ion:113 Resp: 121771

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.726 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030857.D

Acq: 27 Aug 2022 09:00

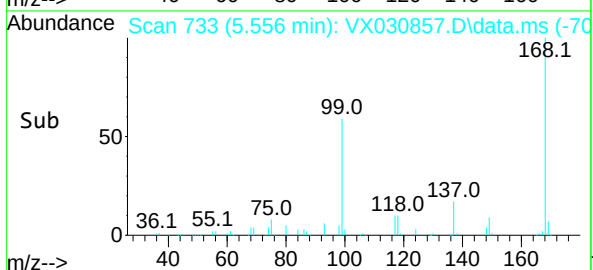
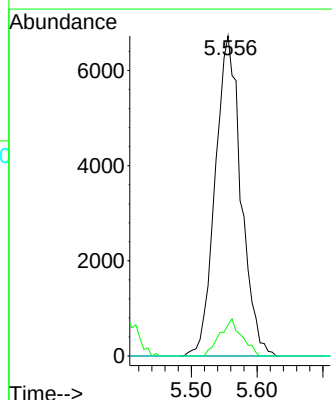
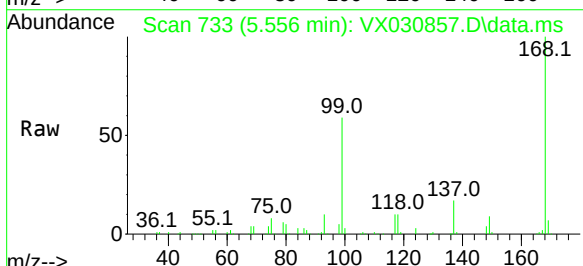
Tgt Ion: 75 Resp: 18410

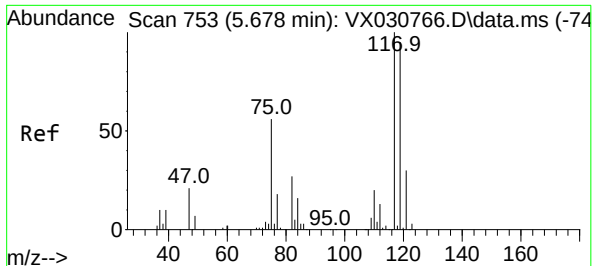
Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

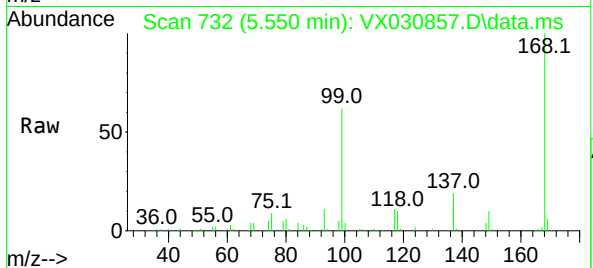
77 0.0 24.4 36.6#



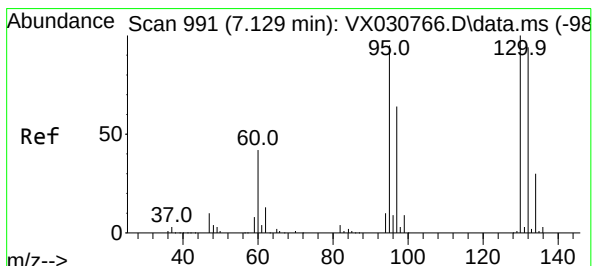
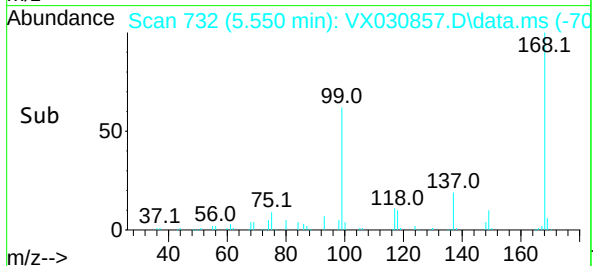
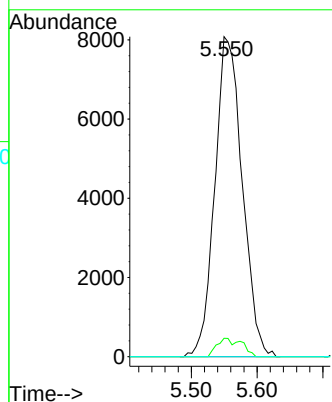


#38
Carbon Tetrachloride
Concen: 6.913 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

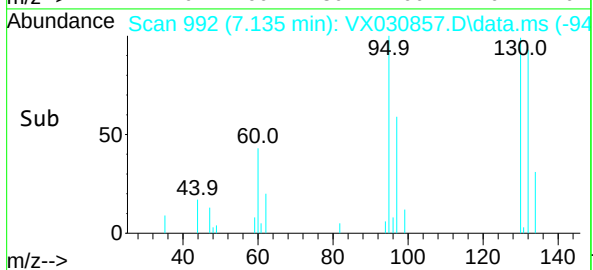
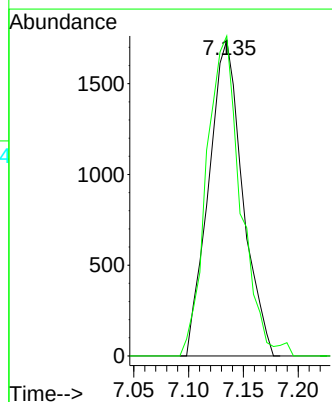
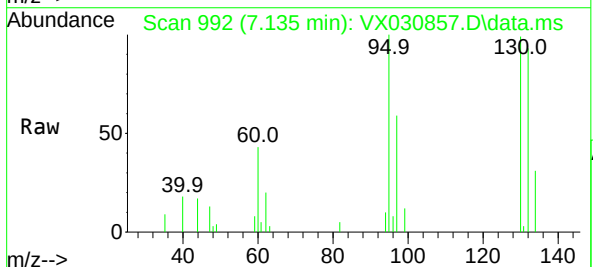


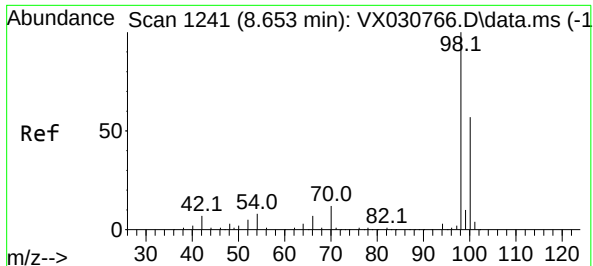
Tgt Ion:117 Resp: 23446
Ion Ratio Lower Upper
117 100
119 5.8 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 1.348 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Tgt Ion:130 Resp: 3747
Ion Ratio Lower Upper
130 100
95 101.4 0.0 194.8

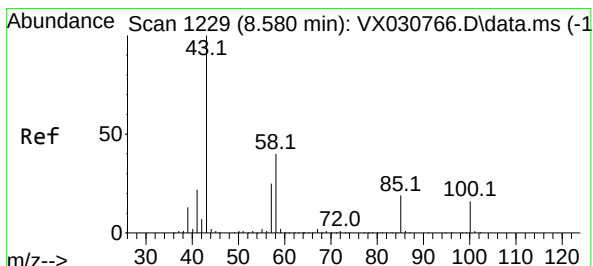
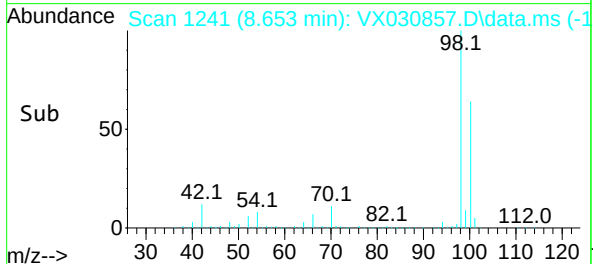
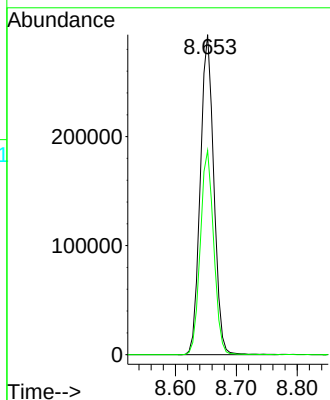
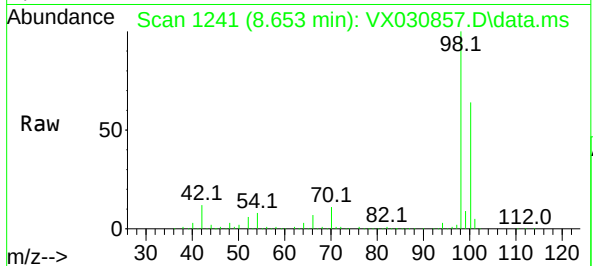




#50
Toluene-d8
Concen: 55.047 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

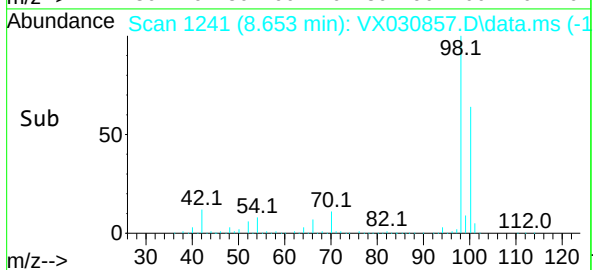
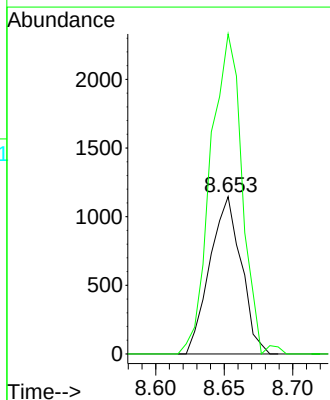
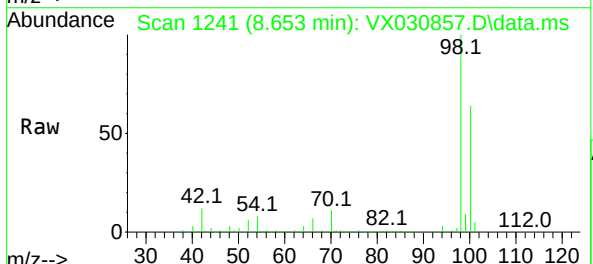
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

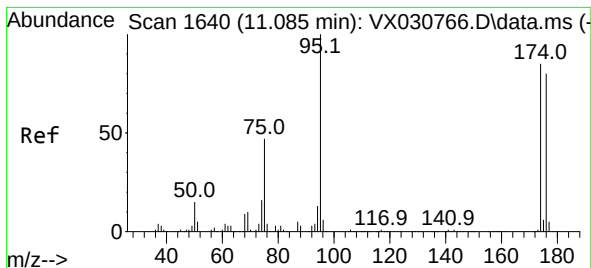
Tgt Ion: 98 Resp: 452938
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 204.4 31.4 47.2#

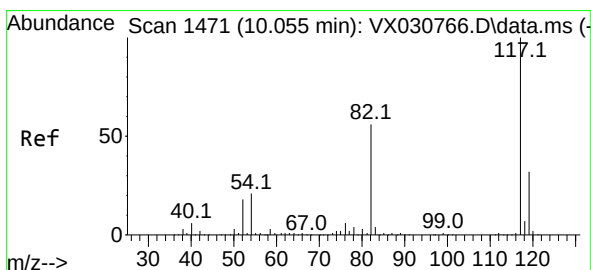
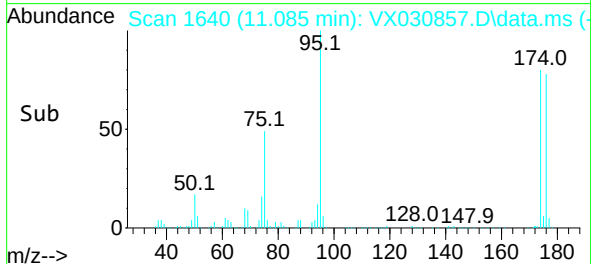
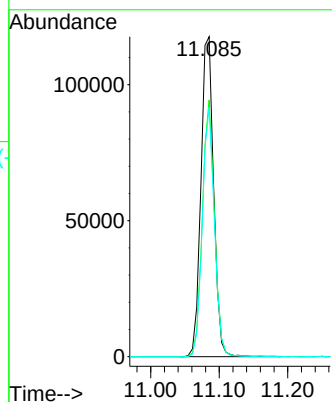
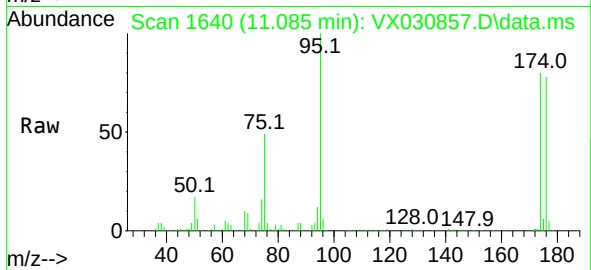




#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

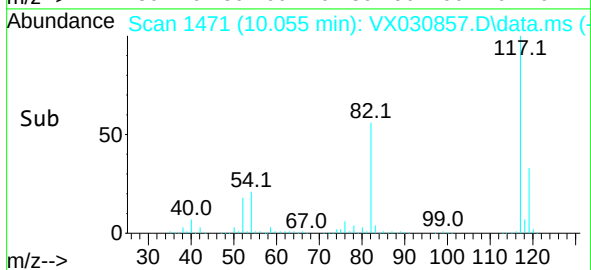
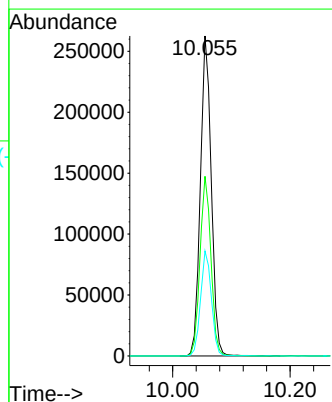
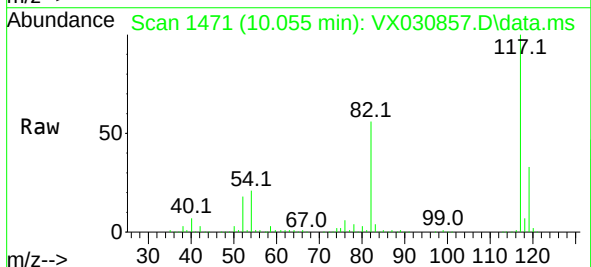
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20220819

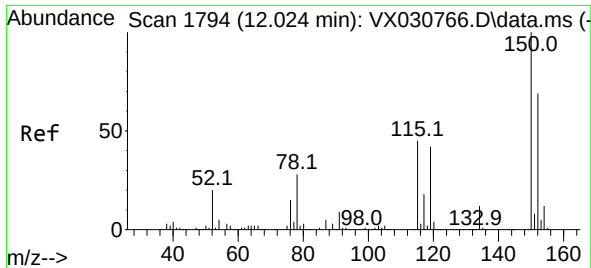
Tgt Ion: 95 Resp: 152103
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 73.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030857.D
Acq: 27 Aug 2022 09:00

Tgt Ion: 117 Resp: 338551
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.8 25.4 38.2

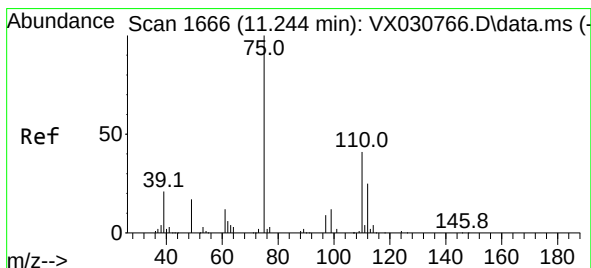
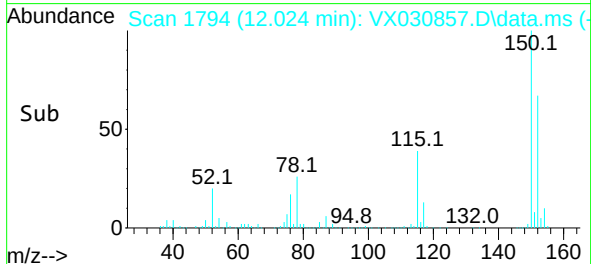
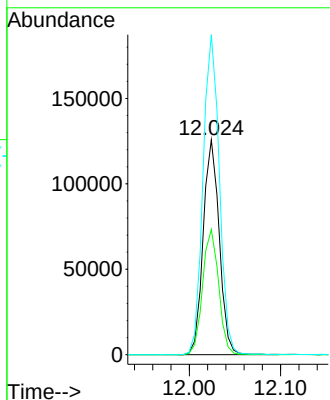
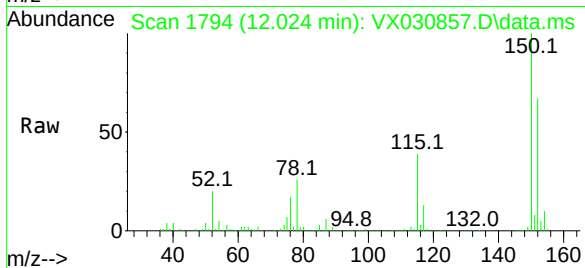




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

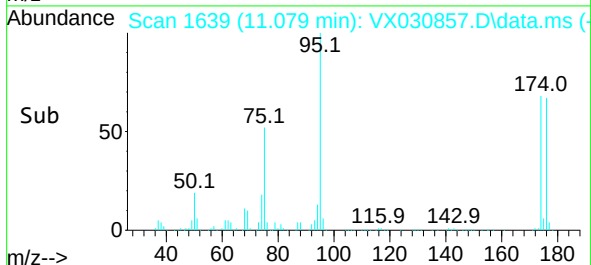
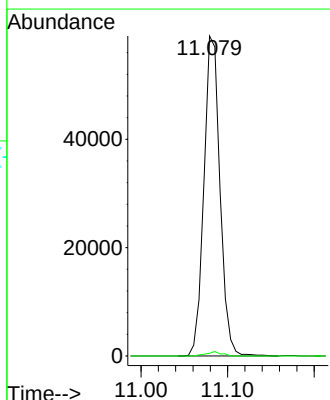
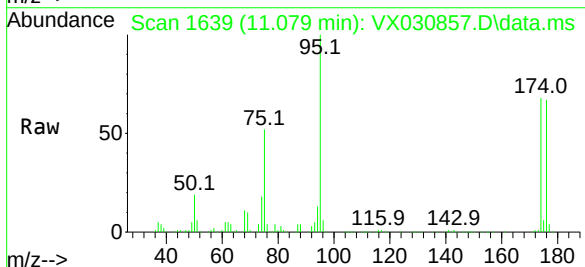
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819

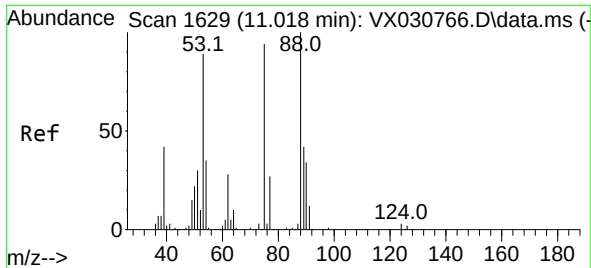
Tgt Ion:152 Resp: 153052
 Ion Ratio Lower Upper
 152 100
 115 58.0 40.5 121.5
 150 151.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.698 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

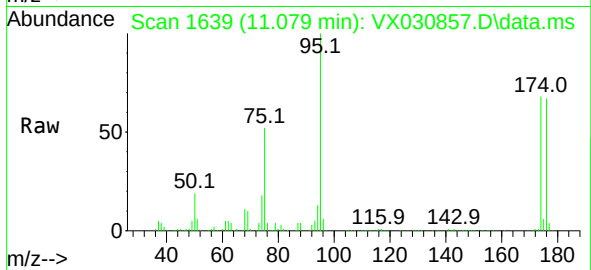
Tgt Ion: 75 Resp: 76112
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.235 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030857.D
 Acq: 27 Aug 2022 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20220819



Tgt Ion: 75 Resp: 76112
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

