

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030821.D
 Acq On : 26 Aug 2022 13:53
 Operator : JC/MD
 Sample : N4245-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20220817

Quant Time: Aug 27 02:39:12 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

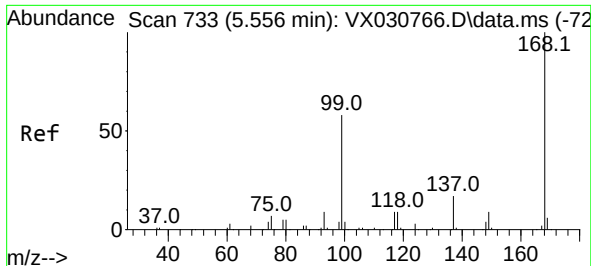
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	224266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	369018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141632	53.690	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.380%	
35) Dibromofluoromethane	5.391	113	118137	52.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	8.653	98	435124	55.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.120%	
62) 4-Bromofluorobenzene	11.085	95	147961	50.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	346	Below Cal	#	42
4) Vinyl Chloride	1.367	62	19	Below Cal	#	43
6) Chloroethane	1.782	64	70	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.324	101	2408	1.103	ug/l	93
10) Methyl Iodide	2.446	142	103	4.082	ug/l #	45
13) Acrolein	2.245	56	71	10.187	ug/l	98
16) Acetone	2.385	43	1598	1.311	ug/l #	67
17) Carbon Disulfide	2.507	76	447	Below Cal	#	74
20) Methylene Chloride	2.788	84	458	Below Cal	#	61
31) Cyclohexane	5.556	56	4547	1.348	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17253	5.587	ug/l #	48
38) Carbon Tetrachloride	5.678	117	1222	0.375	ug/l #	79
39) Methylcyclohexane	7.128	83	1124	0.304	ug/l #	1
44) Trichloroethene	7.128	130	98066	36.737	ug/l	98
49) 1,4-Dioxane	7.683	88	926	13.657	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	1859	0.500	ug/l #	1
60) Dibromochloromethane	9.274	129	2255	0.844	ug/l #	11
64) Tetrachloroethene	9.281	164	2150	0.839	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	73902	23.542	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	73902	75.957	ug/l #	12

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

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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

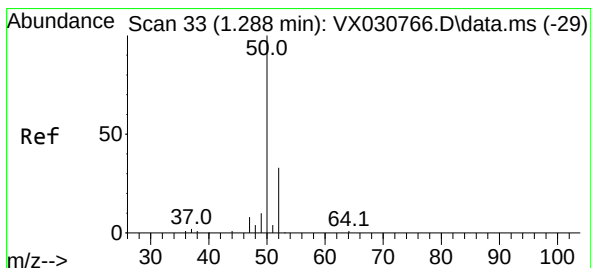
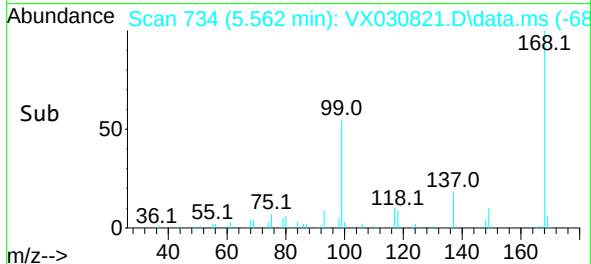
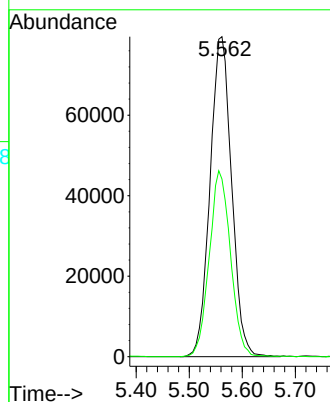
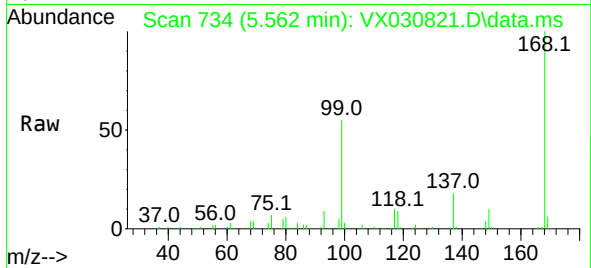




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

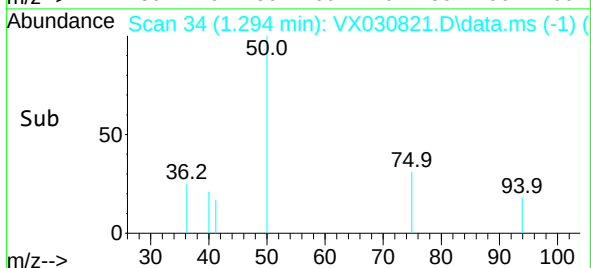
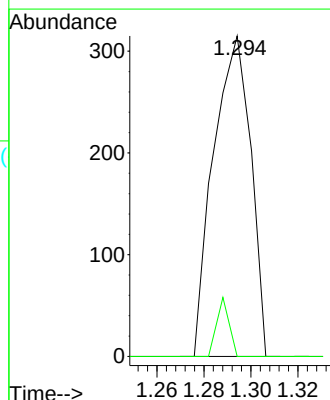
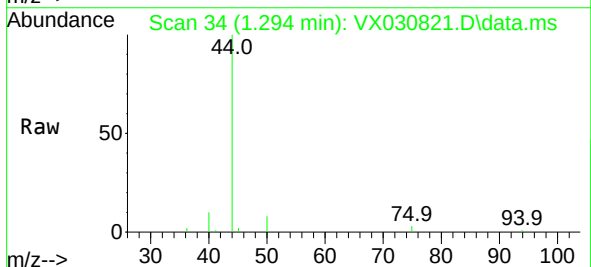
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

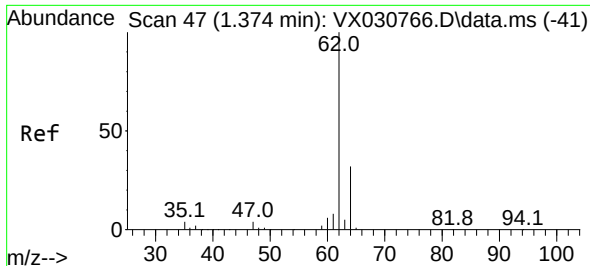
Tgt Ion:168 Resp: 224266
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

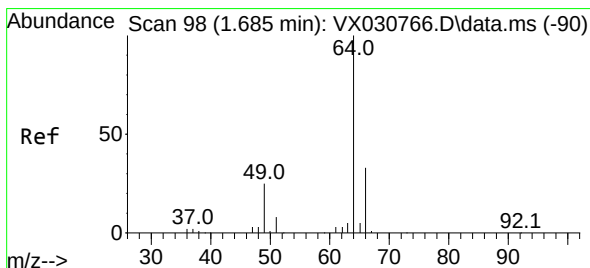
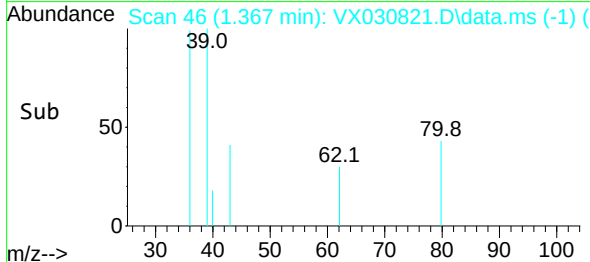
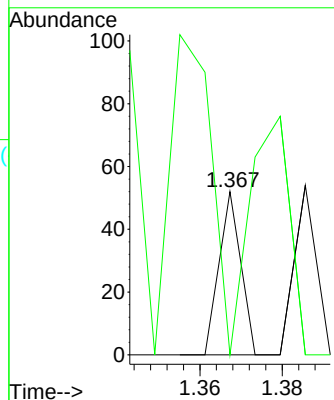
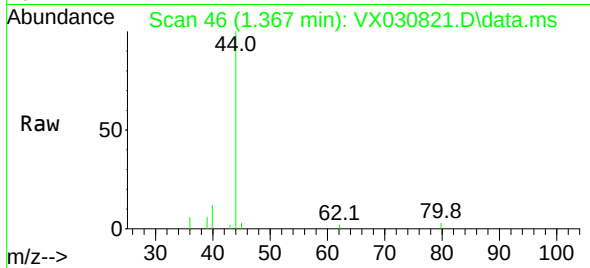




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.367 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX030821.D
 Acq: 26 Aug 2022 13:53

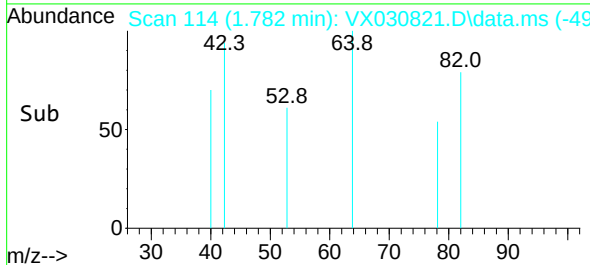
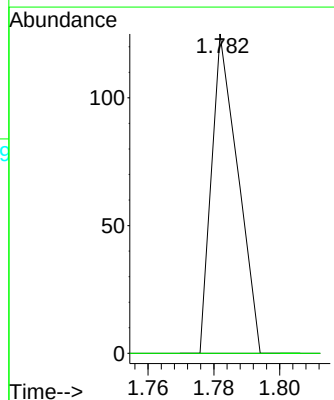
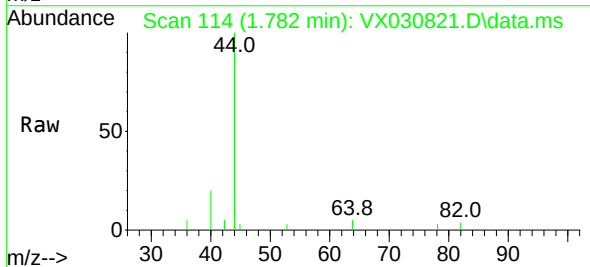
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20220817

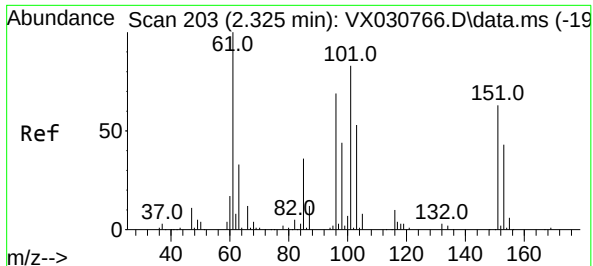
Tgt Ion: 62 Resp: 19
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.782 min Scan# 114
 Delta R.T. 0.097 min
 Lab File: VX030821.D
 Acq: 26 Aug 2022 13:53

Tgt Ion: 64 Resp: 70
 Ion Ratio Lower Upper
 64 100
 66 0.0 27.2 40.8#

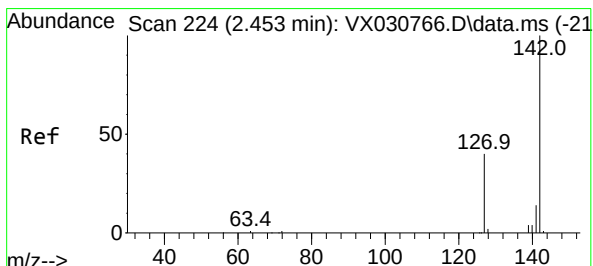
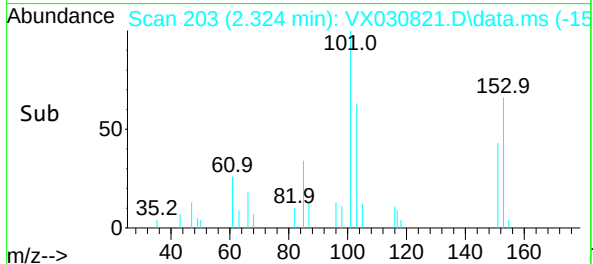
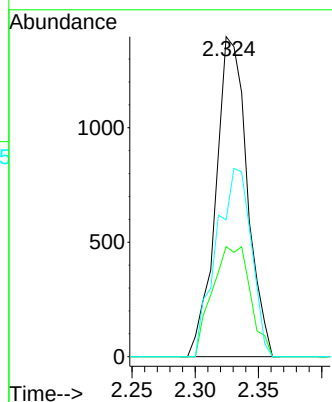
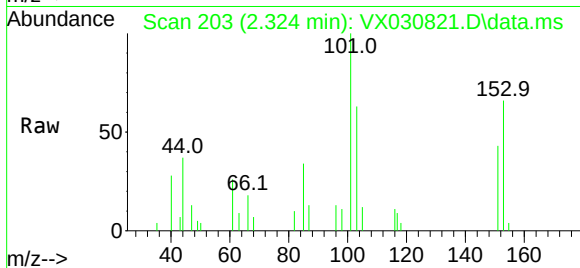




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.103 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

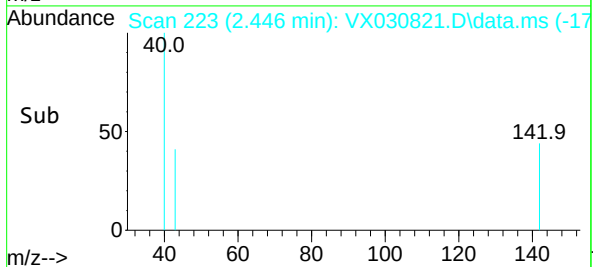
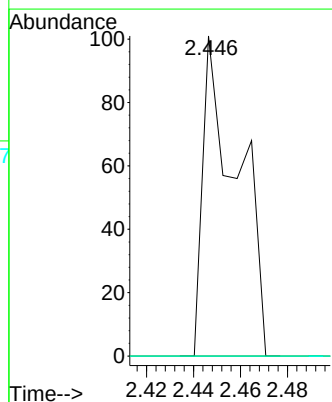
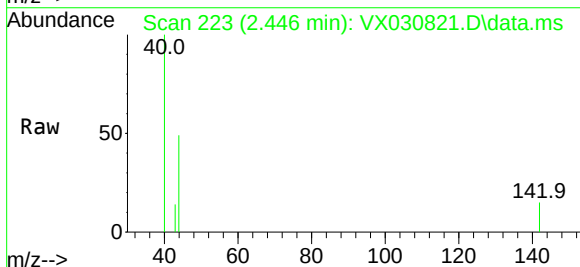
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

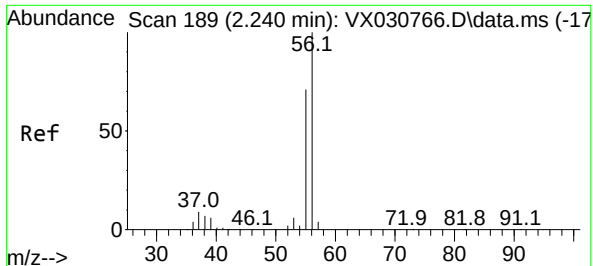
Tgt Ion:101	Resp:	2408
Ion	Ratio	Lower Upper
101	100	
85	41.7	34.0 51.0
151	65.6	59.4 89.0



#10
Methyl Iodide
Concen: 4.082 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.007 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion:142	Resp:	103
Ion	Ratio	Lower Upper
142	100	
127	0.0	30.2 45.2#
141	0.0	11.3 16.9#

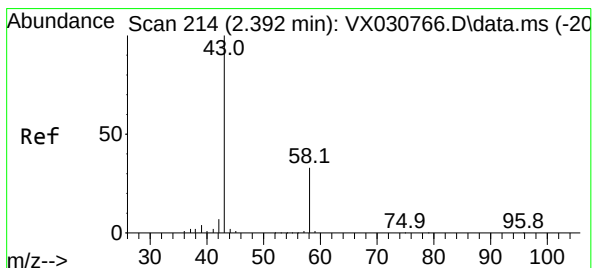
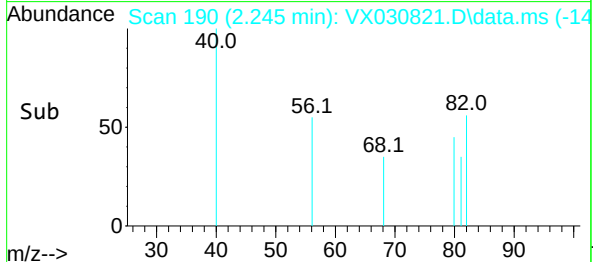
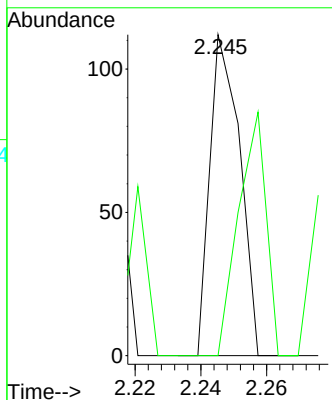
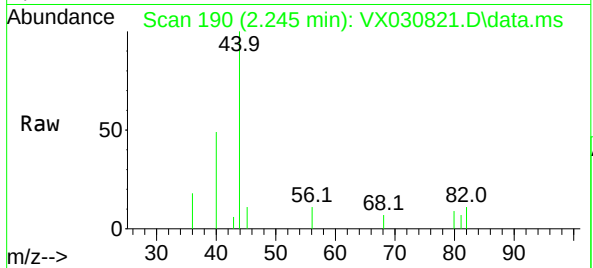




#13
Acrolein
Concen: 10.187 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

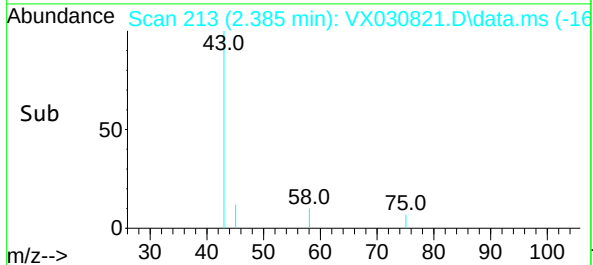
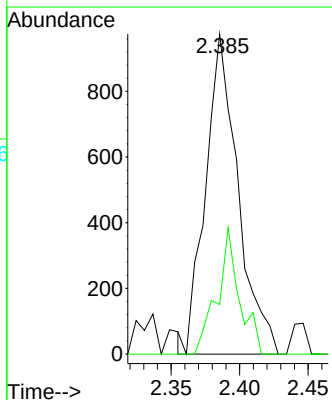
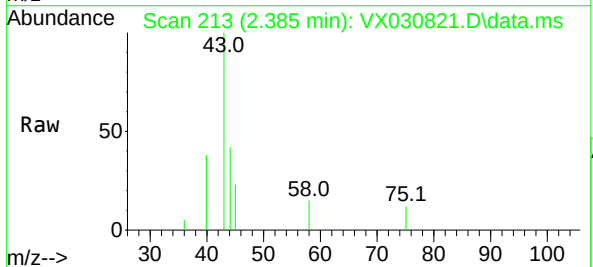
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

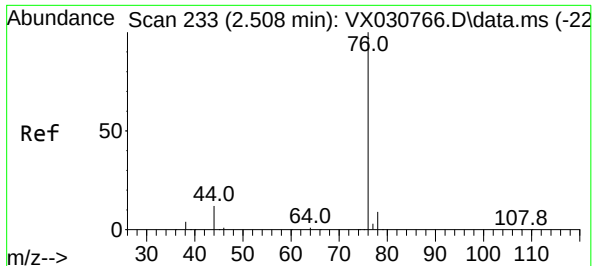
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 69.0 56.6 84.8



#16
Acetone
Concen: 1.311 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 15.5 27.7 41.5#

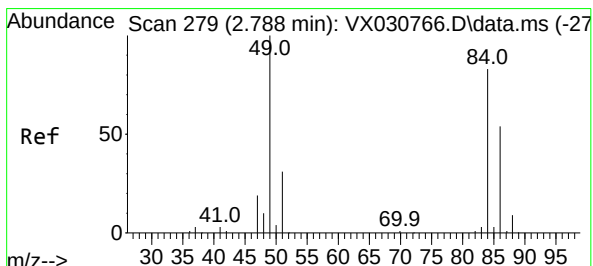
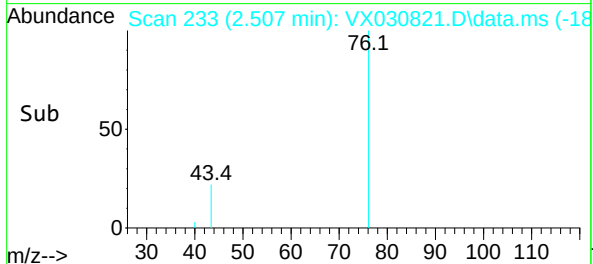
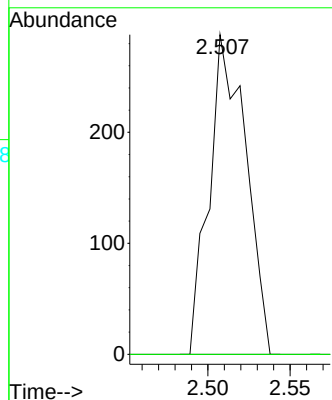
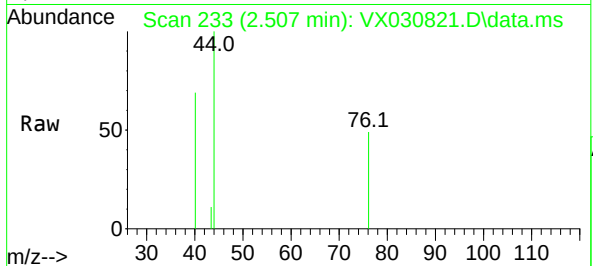




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

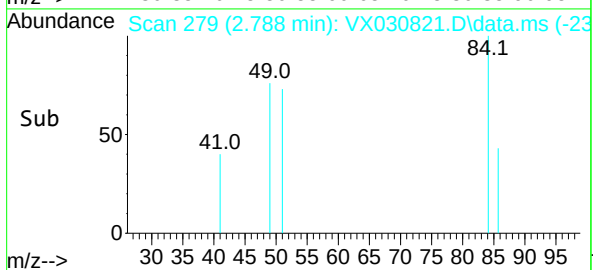
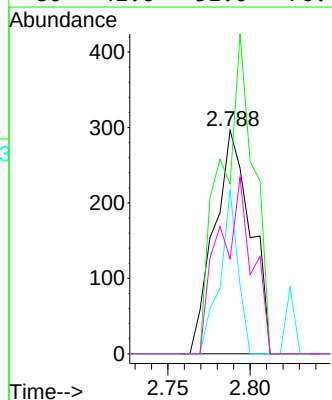
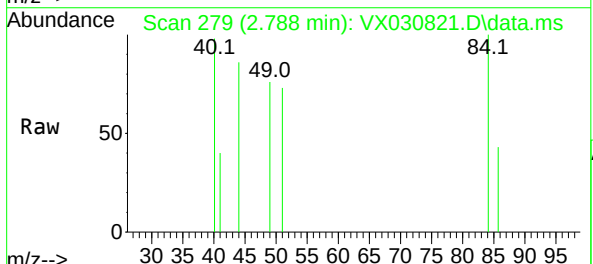
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ClientSampleId :
RE109D3-20220817

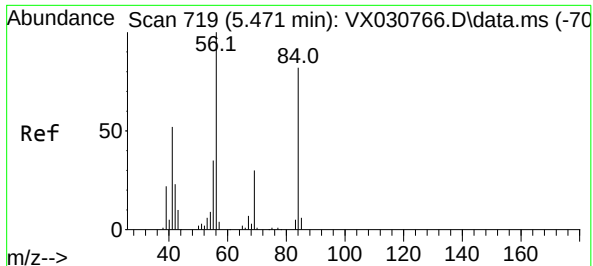
Tgt Ion: 76 Resp: 447
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

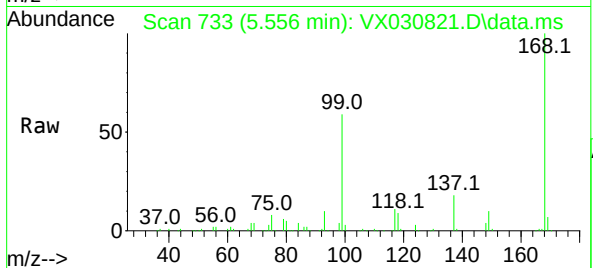
Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 76.0 93.8 140.6#
51 73.3 29.4 44.0#
86 42.6 51.0 76.4#



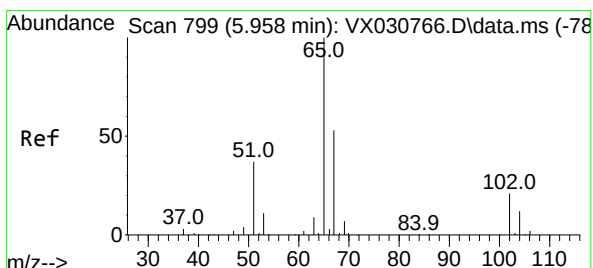
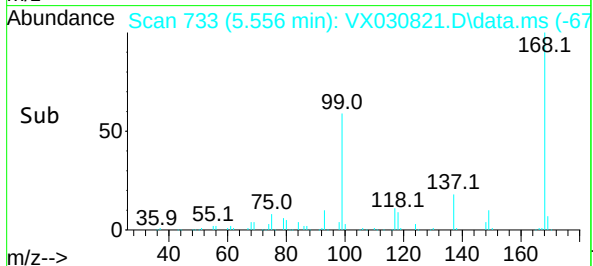
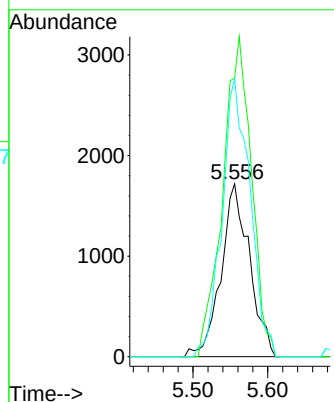


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
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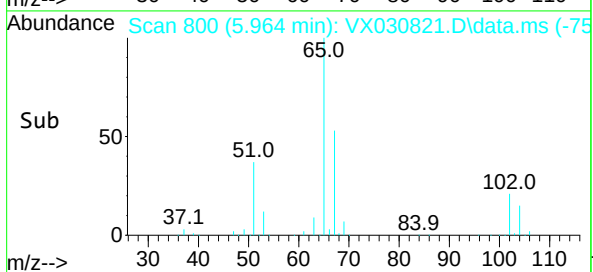
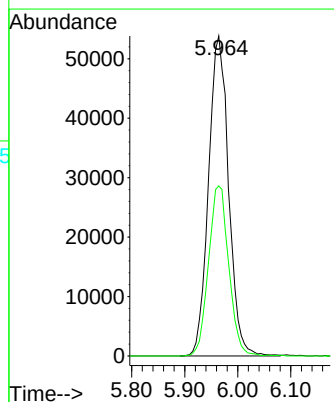
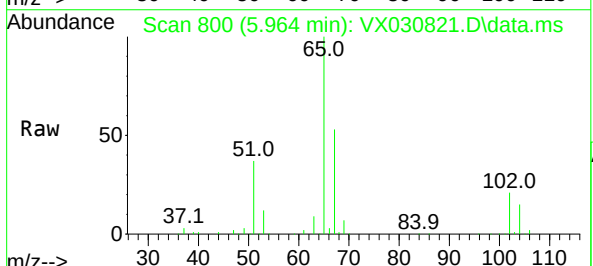


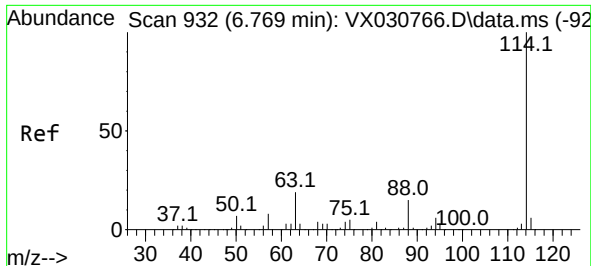
Tgt Ion: 56 Resp: 4547
Ion Ratio Lower Upper
56 100
69 161.1 25.4 38.0#
84 160.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.690 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 65 Resp: 141632
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6

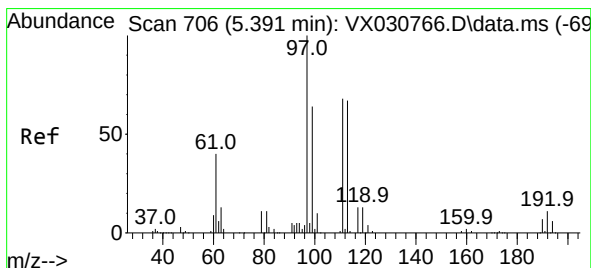
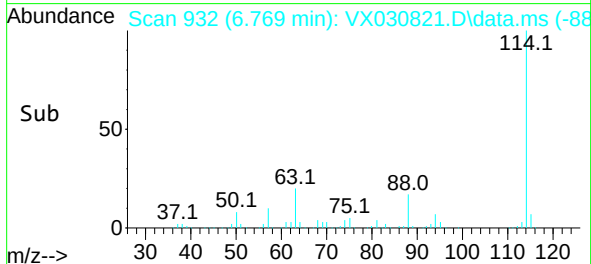
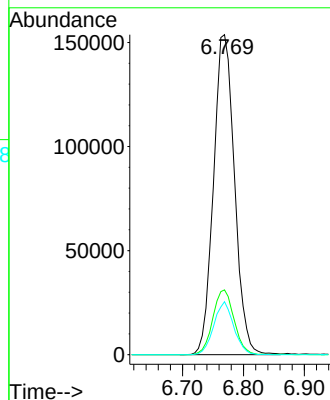
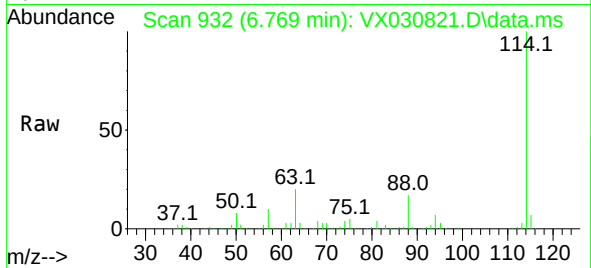




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

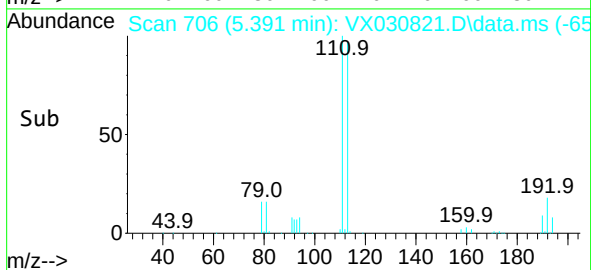
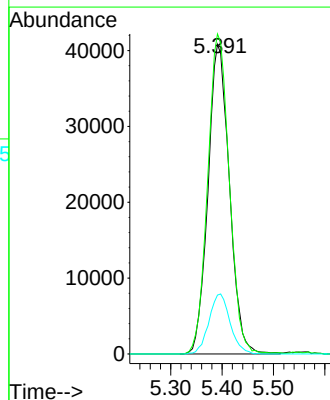
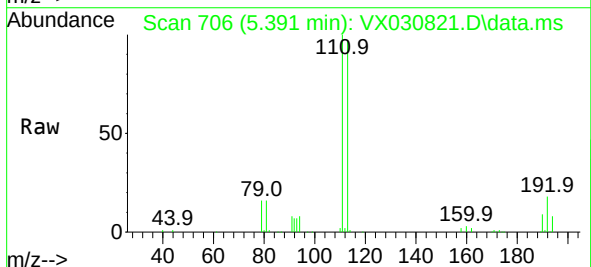
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

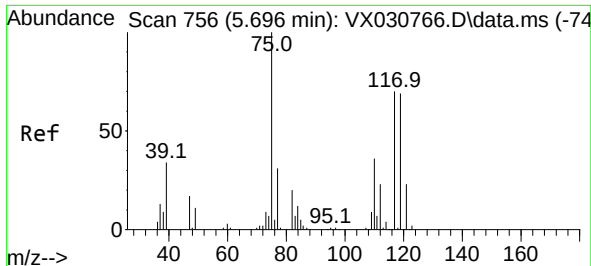
Tgt Ion:114 Resp: 369018
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.090 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion:113 Resp: 118137
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 19.1 14.8 22.2

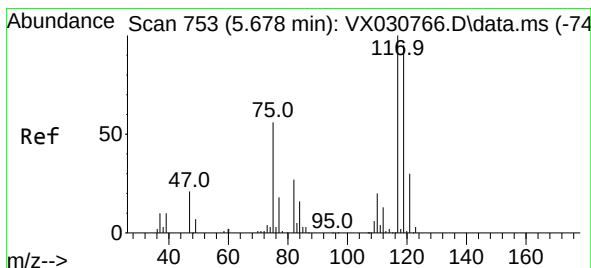
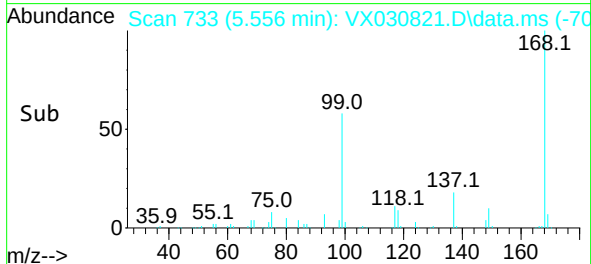
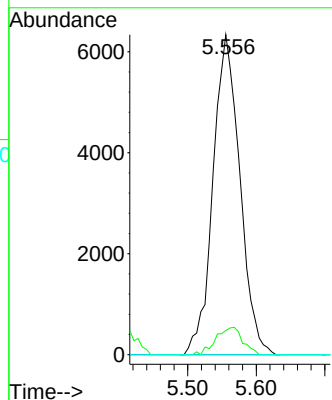
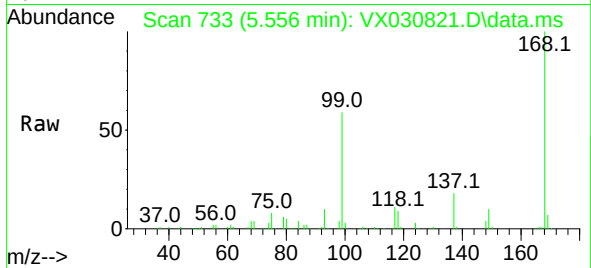




#36
1,1-Dichloropropene
Concen: 5.587 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

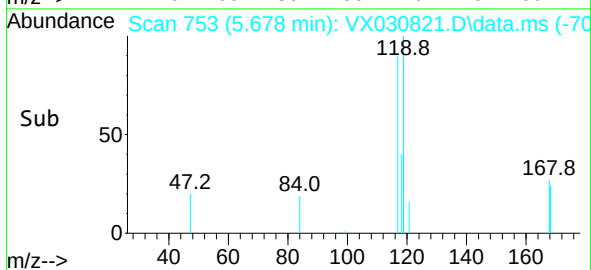
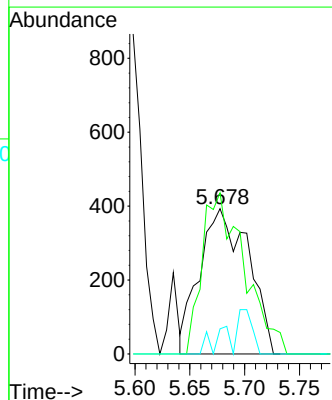
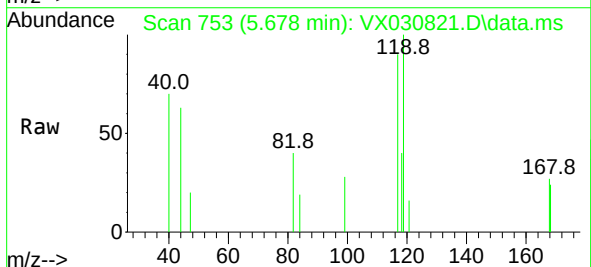
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

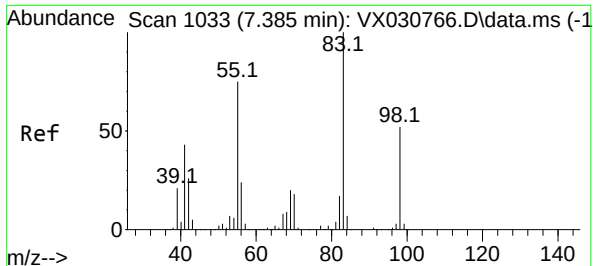
Tgt Ion: 75 Resp: 17253
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 0.375 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 117 Resp: 1222
Ion Ratio Lower Upper
117 100
119 110.9 74.1 111.1
121 17.3 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.304 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.257 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20220817

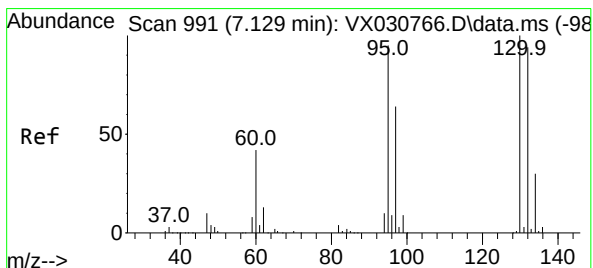
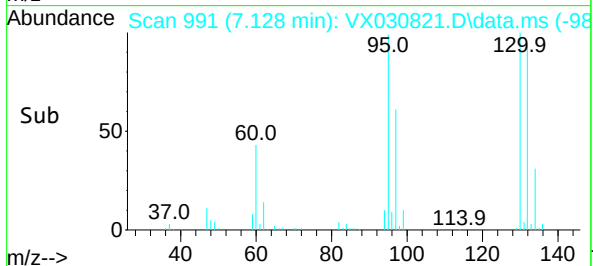
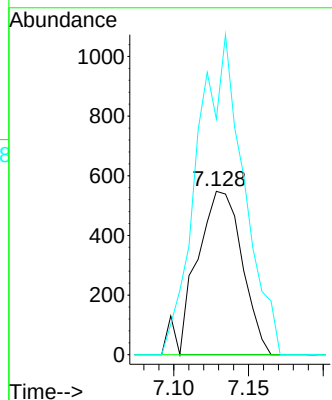
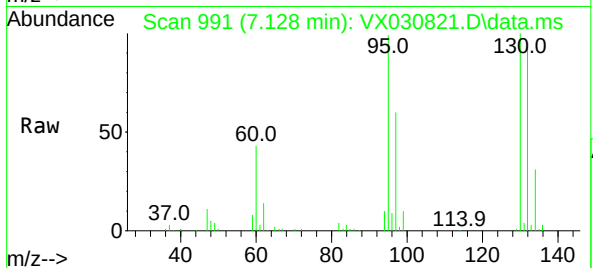
Tgt Ion: 83 Resp: 1124

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 144.2 36.5 54.7#



#44

Trichloroethene

Concen: 36.737 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX030821.D

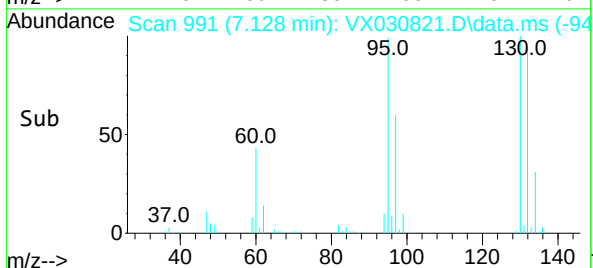
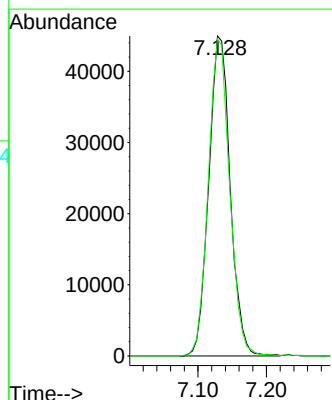
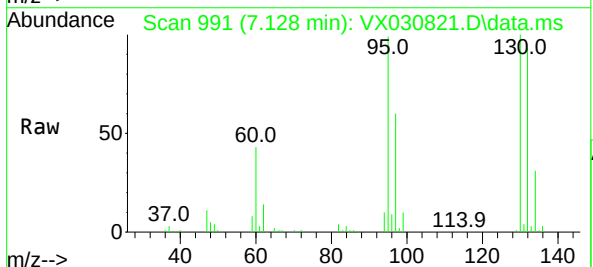
Acq: 26 Aug 2022 13:53

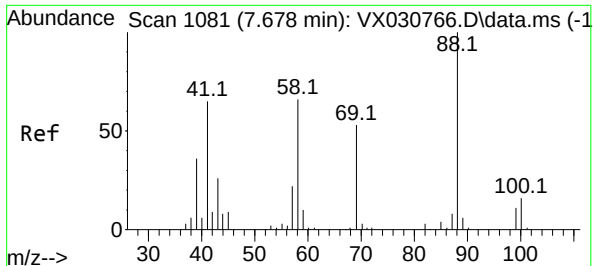
Tgt Ion:130 Resp: 98066

Ion Ratio Lower Upper

130 100

95 99.1 0.0 194.8





#49

1,4-Dioxane

Concen: 13.657 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.005 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20220817

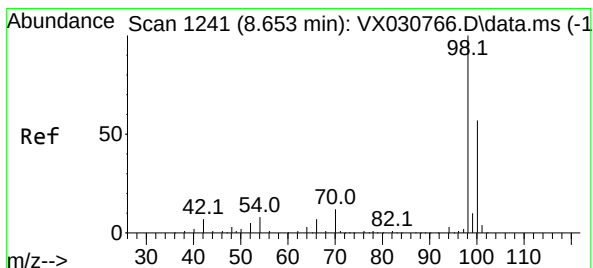
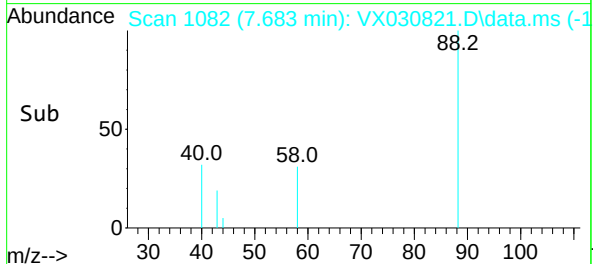
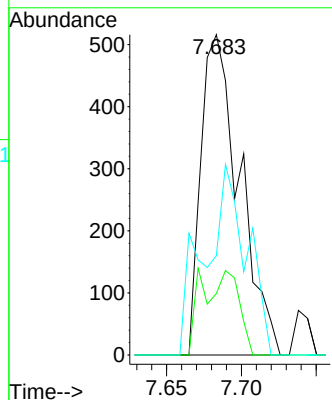
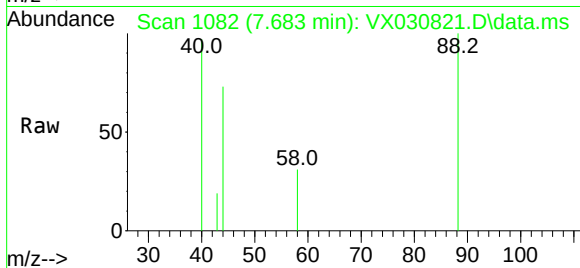
Tgt Ion: 88 Resp: 926

Ion Ratio Lower Upper

88 100

43 25.1 23.8 35.8

58 64.5 53.8 80.6



#50

Toluene-d8

Concen: 55.058 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030821.D

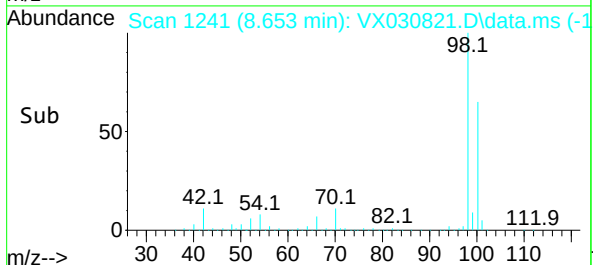
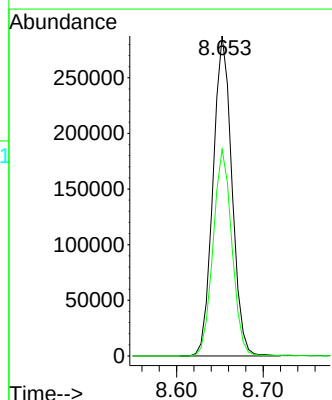
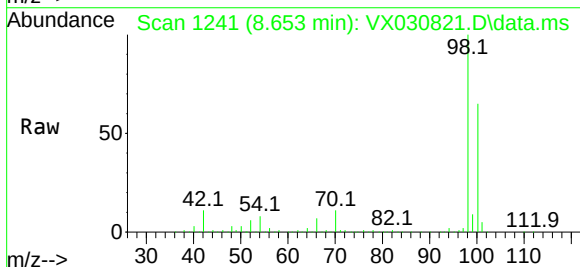
Acq: 26 Aug 2022 13:53

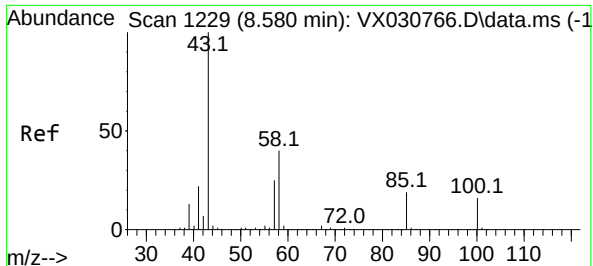
Tgt Ion: 98 Resp: 435124

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.500 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX030821.D

Acq: 26 Aug 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

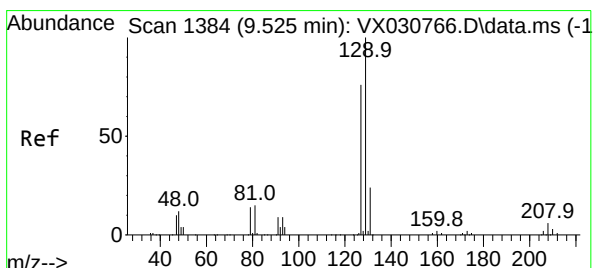
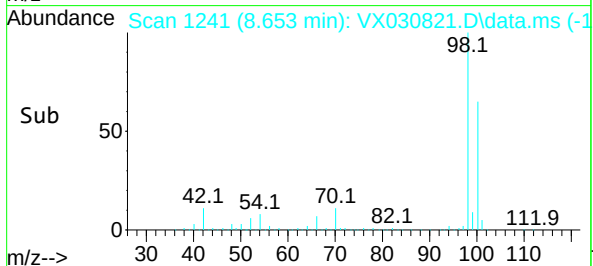
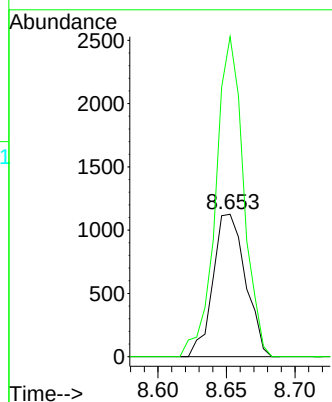
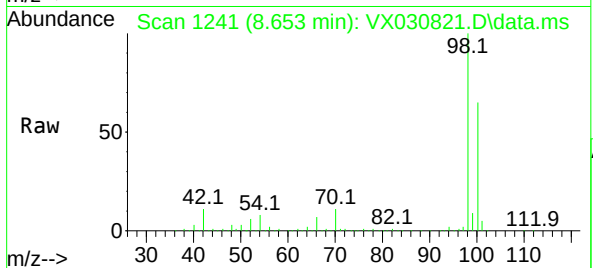
RE109D3-20220817

Tgt Ion: 43 Resp: 1859

Ion Ratio Lower Upper

43 100

58 192.6 31.4 47.2#



#60

Dibromochloromethane

Concen: 0.844 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.251 min

Lab File: VX030821.D

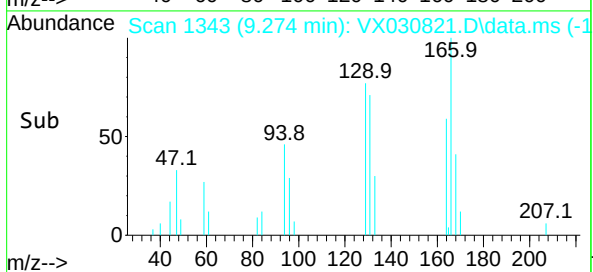
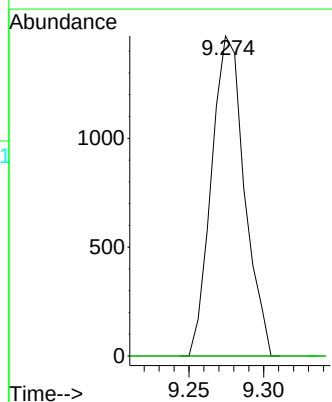
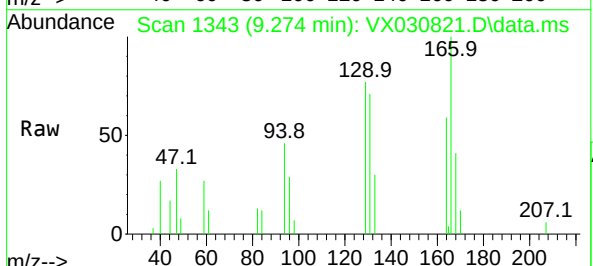
Acq: 26 Aug 2022 13:53

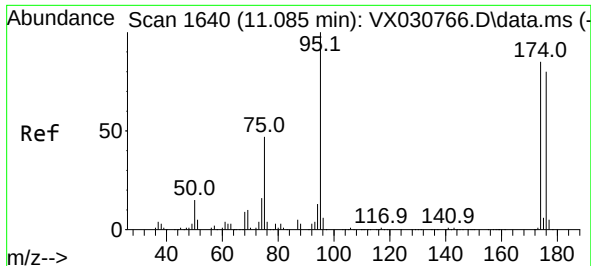
Tgt Ion: 129 Resp: 2255

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

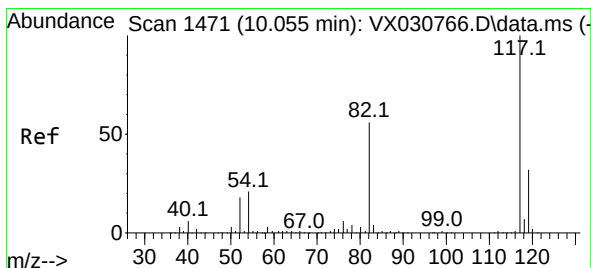
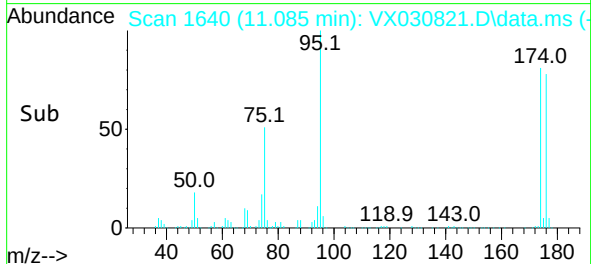
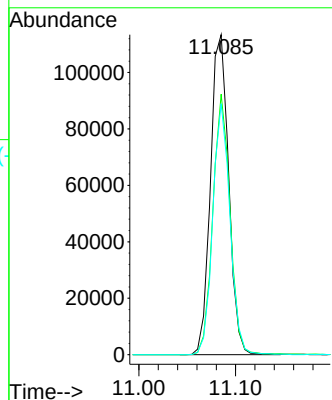
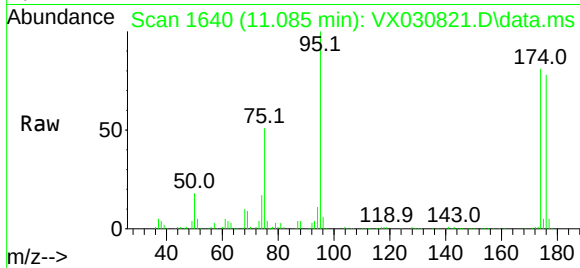




#62
4-Bromofluorobenzene
Concen: 50.288 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

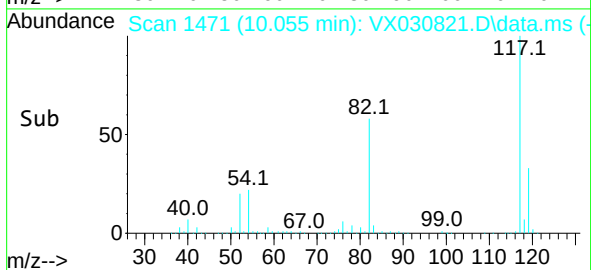
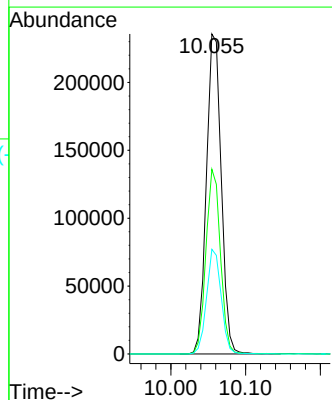
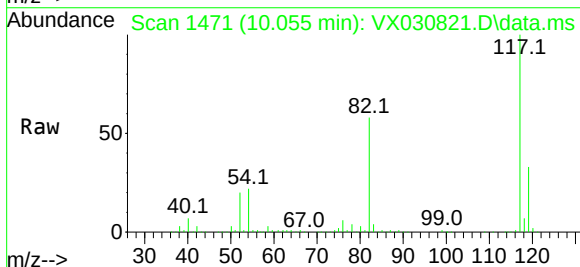
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

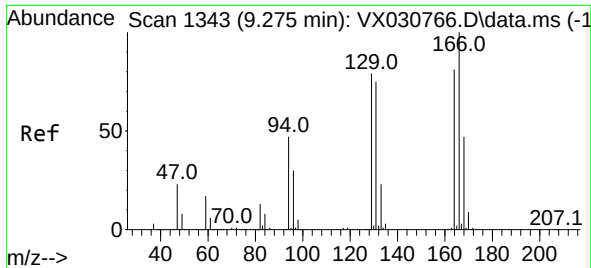
Tgt Ion: 95 Resp: 147961
Ion Ratio Lower Upper
95 100
174 77.0 0.0 149.0
176 74.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 117 Resp: 325378
Ion Ratio Lower Upper
117 100
82 57.7 42.7 64.1
119 32.7 25.4 38.2

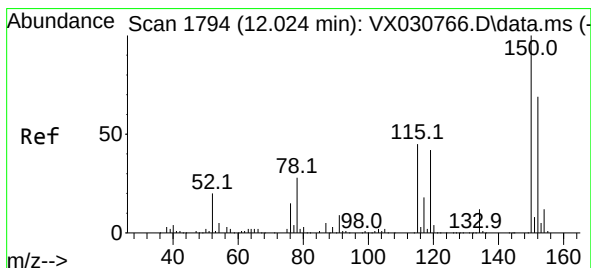
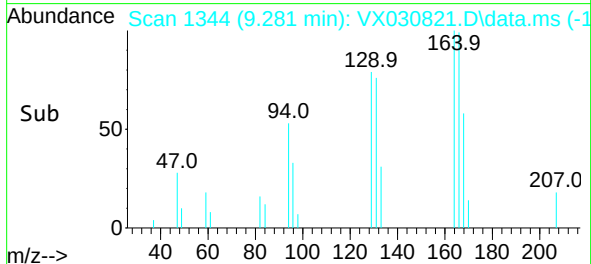
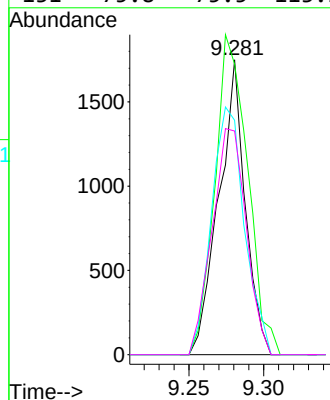
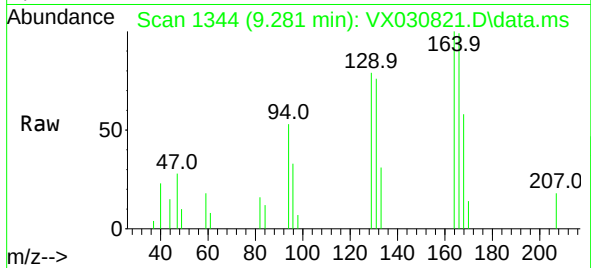




#64
Tetrachloroethene
Concen: 0.839 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

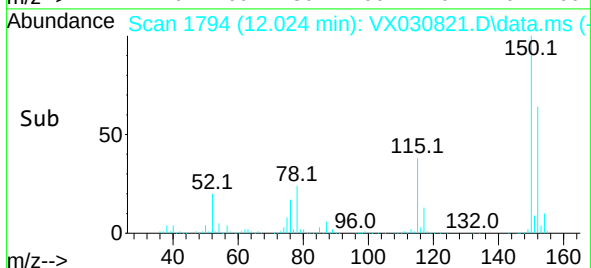
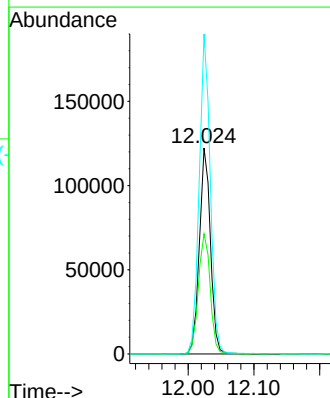
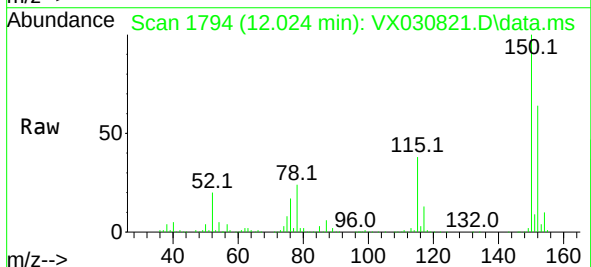
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

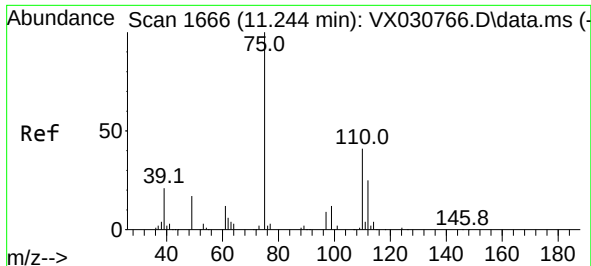
Tgt Ion:164	Resp:	2150
Ion	Ratio	Lower Upper
164	100	
166	98.5	98.2 147.4
129	79.5	80.8 121.2#
131	75.8	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion:152	Resp:	143282
Ion	Ratio	Lower Upper
152	100	
115	62.0	40.5 121.5
150	155.2	0.0 347.0

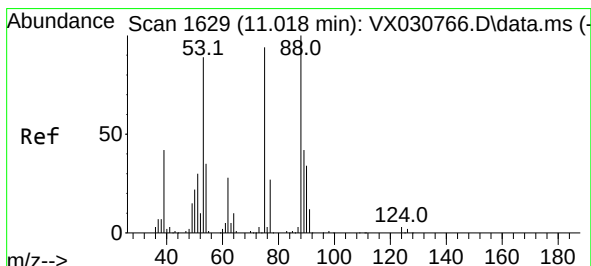
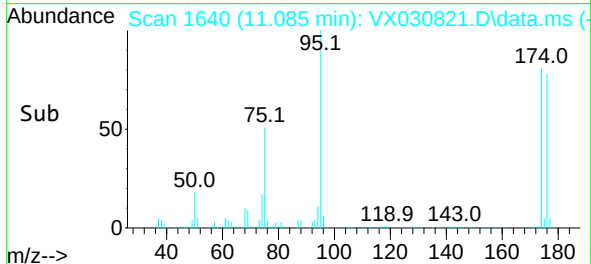
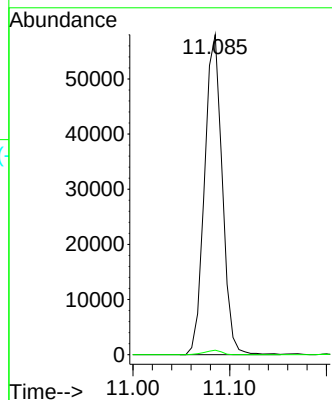
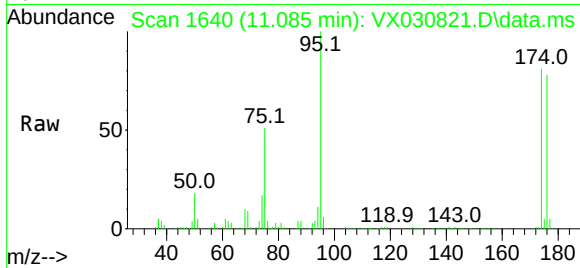




#76
1,2,3-Trichloropropane
Concen: 23.542 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20220817

Tgt Ion: 75 Resp: 73902
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.957 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030821.D
Acq: 26 Aug 2022 13:53

Tgt Ion: 75 Resp: 73902
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

