

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043255.D
 Acq On : 03 Oct 2024 12:30
 Operator : JC/MD
 Sample : P4231-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB03-20240926

Quant Time: Oct 04 01:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

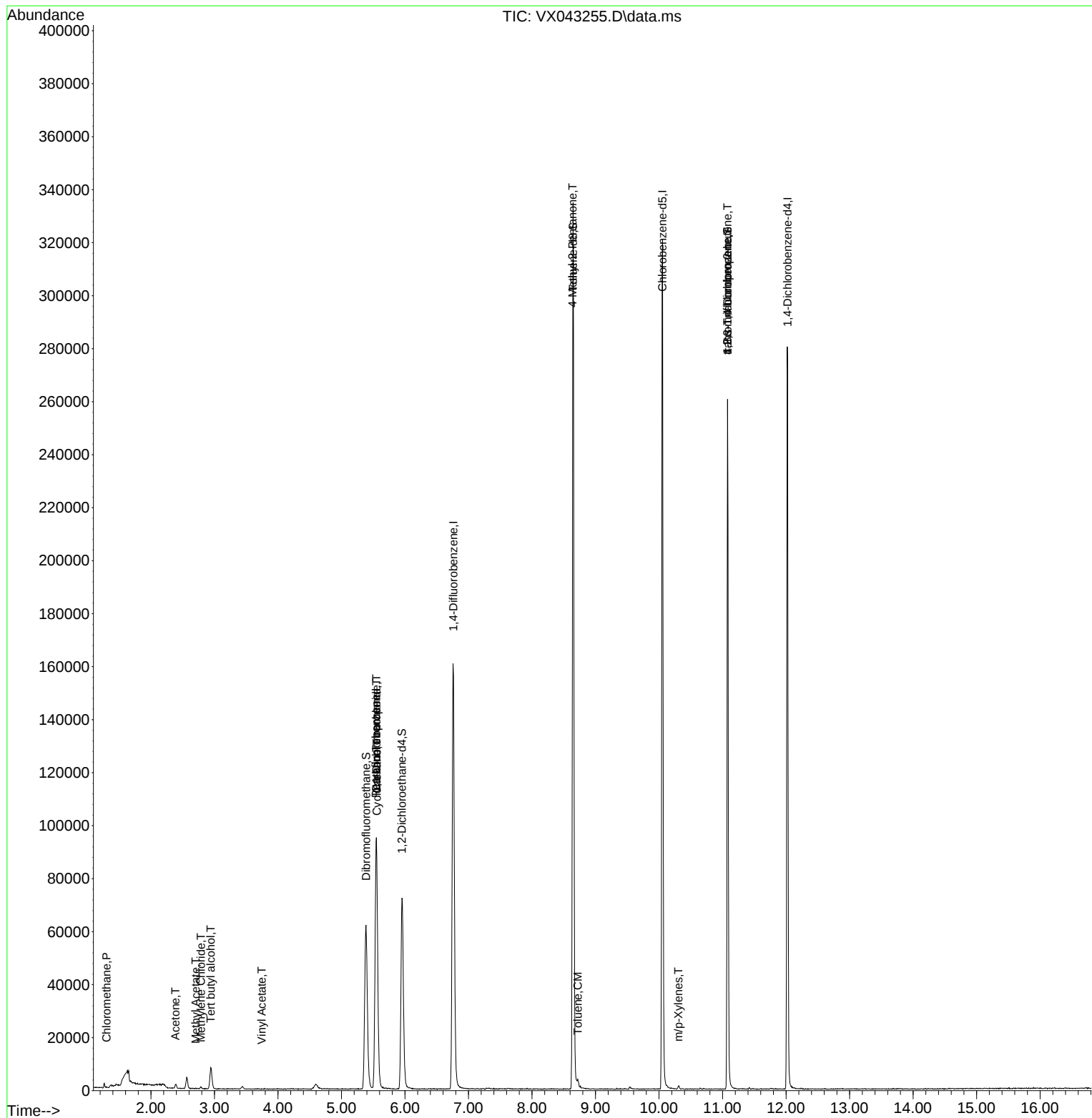
Internal Standards						
1) Pentafluorobenzene	5.544	168	84843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74296	53.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	5.385	113	54894	48.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.000%	
50) Toluene-d8	8.647	98	197014	50.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	11.079	95	69221	48.574	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	286	0.281	ug/l #	42
11) Tert butyl alcohol	2.941	59	4842	18.363	ug/l #	73
16) Acetone	2.386	43	1959	3.385	ug/l	95
18) Methyl Acetate	2.703	43	369	0.254	ug/l #	51
20) Methylene Chloride	2.788	84	349	0.327	ug/l #	80
23) Vinyl Acetate	3.745	43	19	6.344	ug/l #	71
31) Cyclohexane	5.556	56	2002	1.339	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7536	5.270	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9338	5.516	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1098	0.637	ug/l #	1
52) Toluene	8.720	92	943	0.347	ug/l	78
68) m/p-Xylenes	10.305	106	452	0.227	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	38199	29.022	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38199	75.215	ug/l #	8

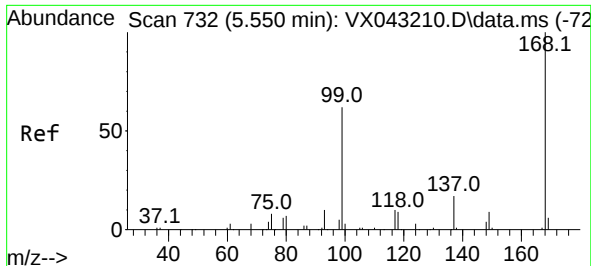
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 01:30:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

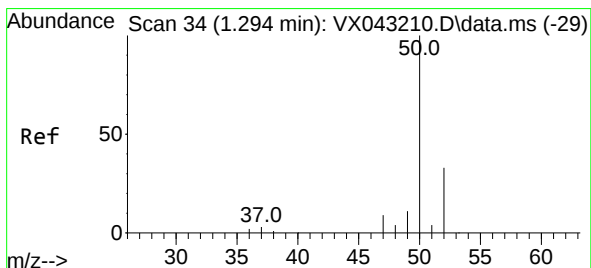
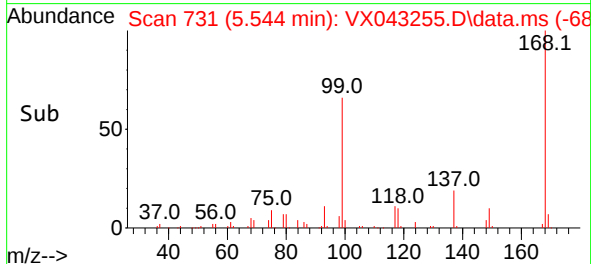
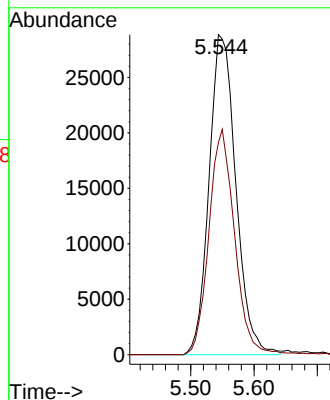
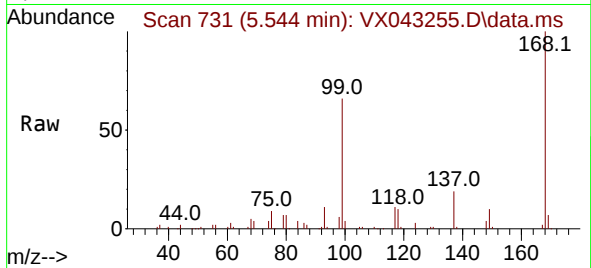




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

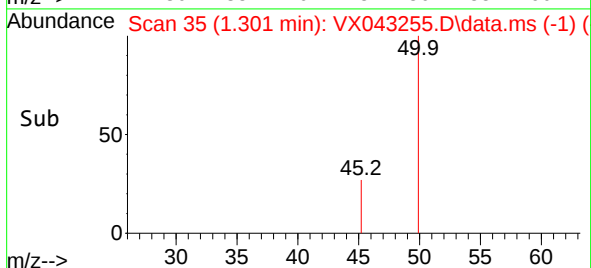
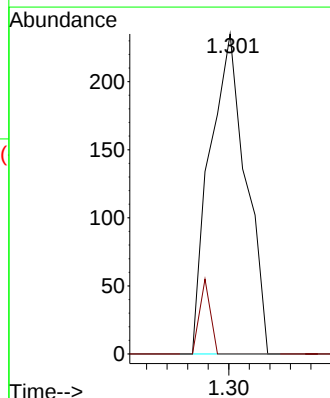
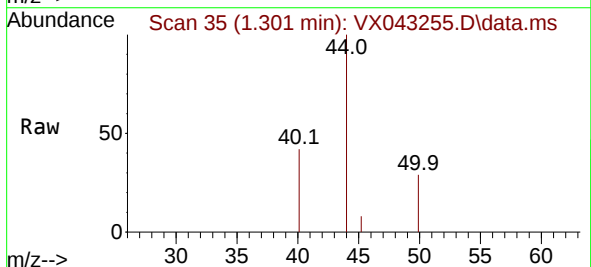
Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

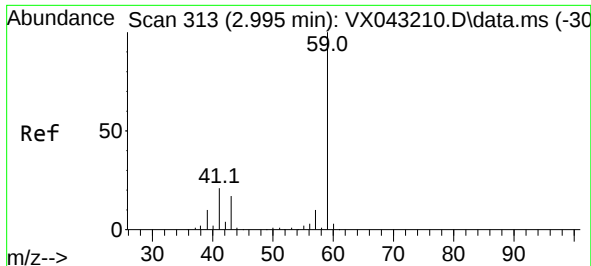
Tgt Ion:168 Resp: 84843
Ion Ratio Lower Upper
168 100
99 66.3 49.7 74.5



#3
Chloromethane
Concen: 0.281 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 50 Resp: 286
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 18.363 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043255.D

Acq: 03 Oct 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

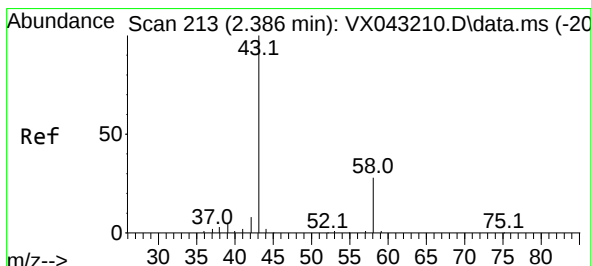
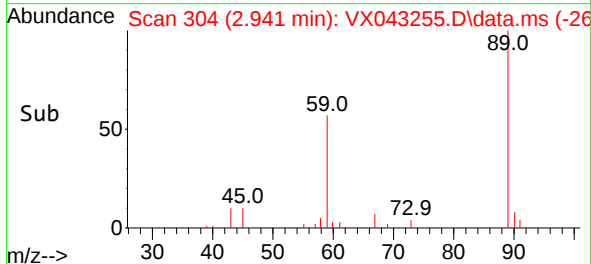
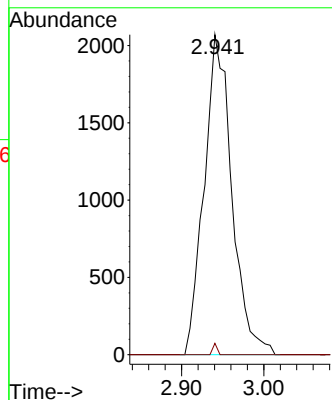
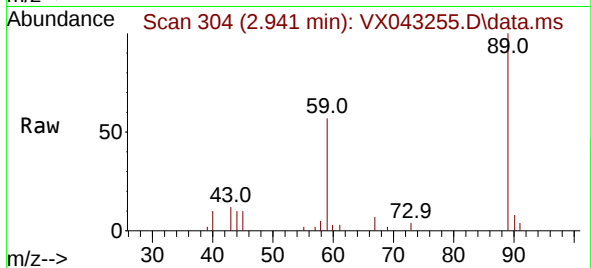
EB03-20240926

Tgt Ion: 59 Resp: 4842

Ion Ratio Lower Upper

59 100

57 0.6 8.6 13.0#



#16

Acetone

Concen: 3.385 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043255.D

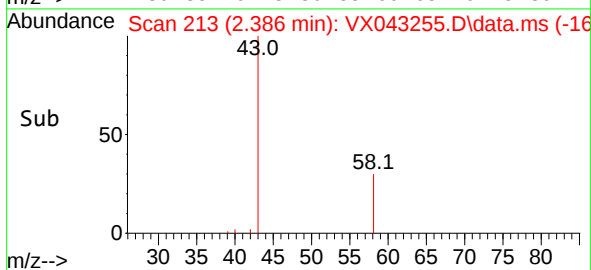
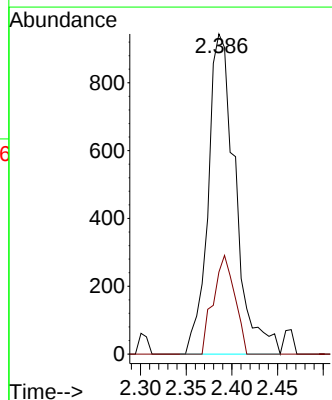
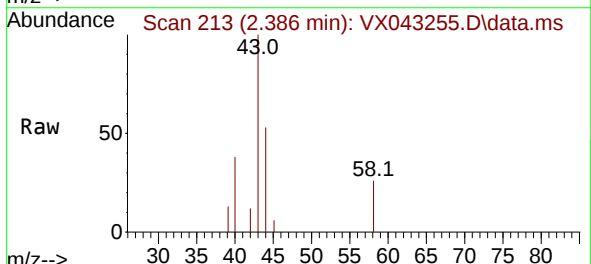
Acq: 03 Oct 2024 12:30

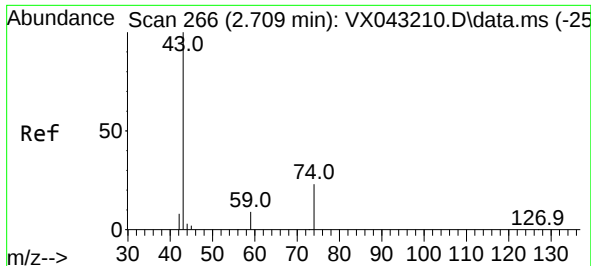
Tgt Ion: 43 Resp: 1959

Ion Ratio Lower Upper

43 100

58 25.6 22.6 33.8

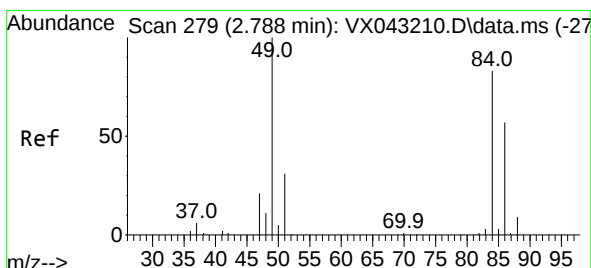
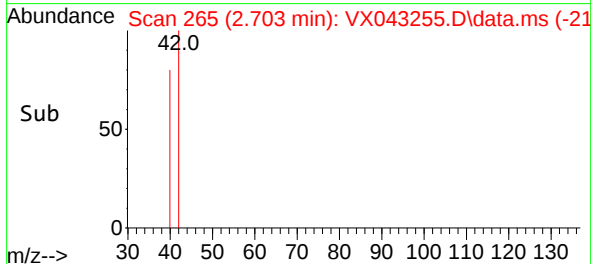
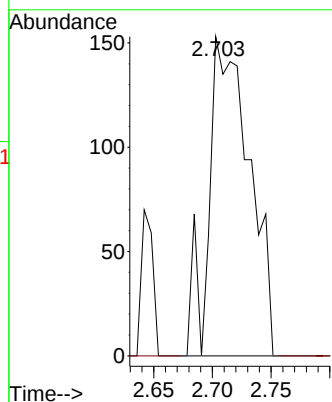
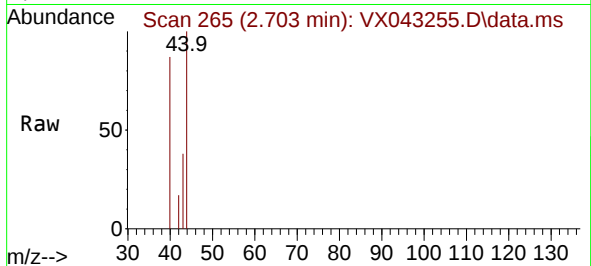




#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

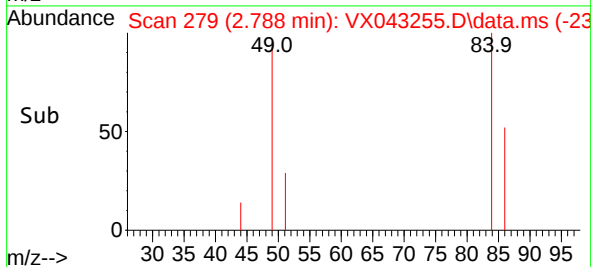
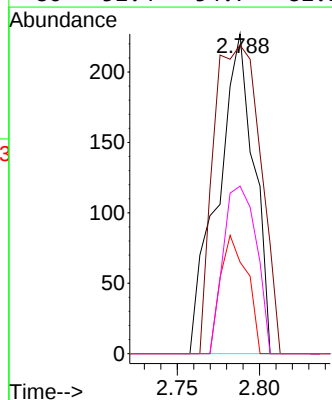
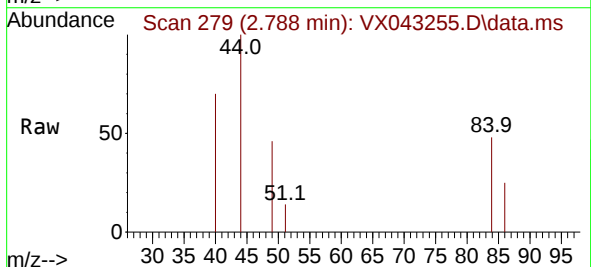
Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 96.5 96.7 145.1#
51 28.6 30.4 45.6#
86 52.4 54.7 82.1#

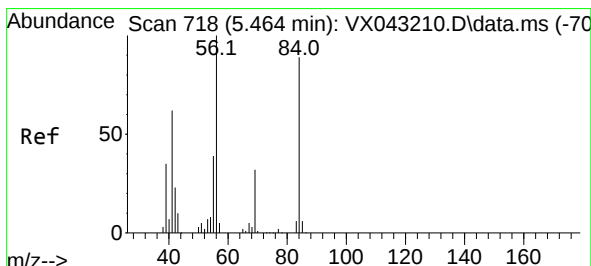
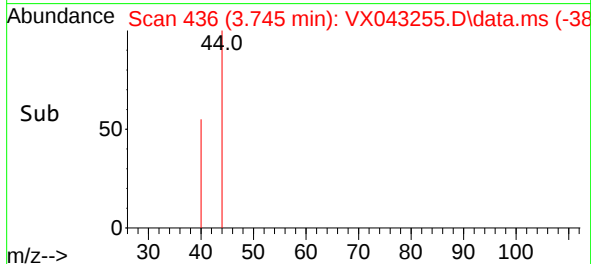
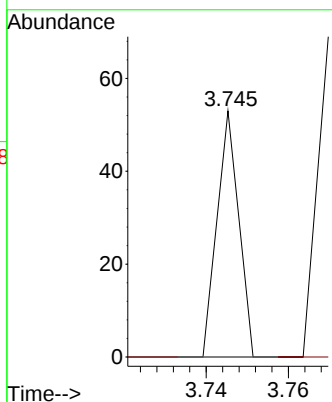
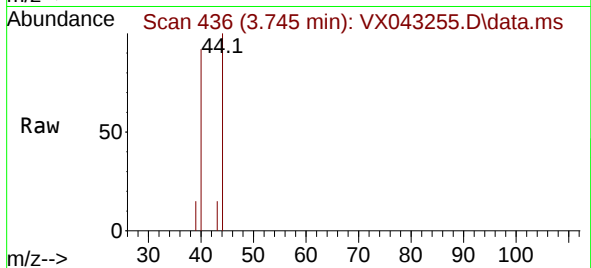




#23
 Vinyl Acetate
 Concen: 6.344 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VX043255.D
 Acq: 03 Oct 2024 12:30

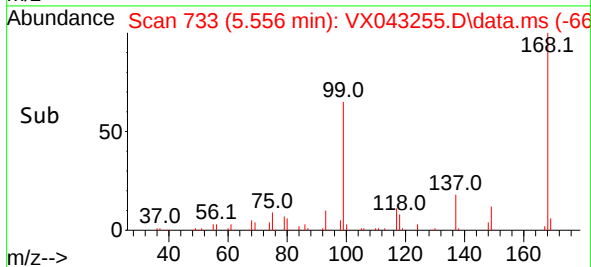
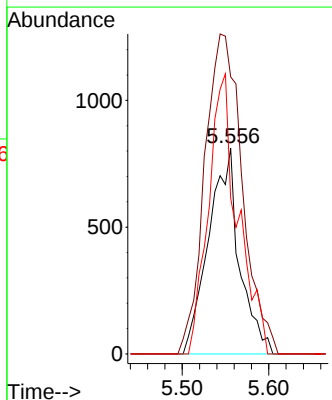
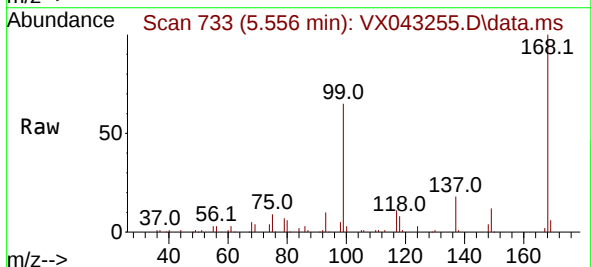
Instrument :
 MSVOA_X
 ClientSampleId :
 EB03-20240926

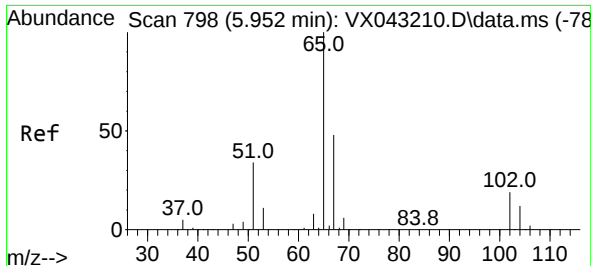
Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.339 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.091 min
 Lab File: VX043255.D
 Acq: 03 Oct 2024 12:30

Tgt Ion: 56 Resp: 2002
 Ion Ratio Lower Upper
 56 100
 69 134.6 25.8 38.6#
 84 75.6 71.1 106.7

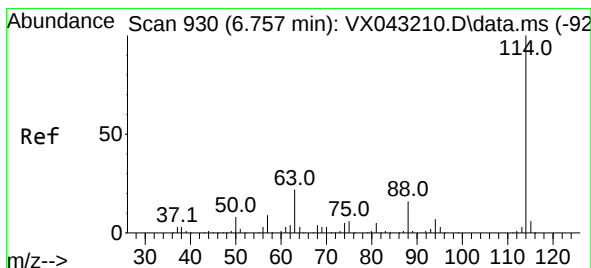
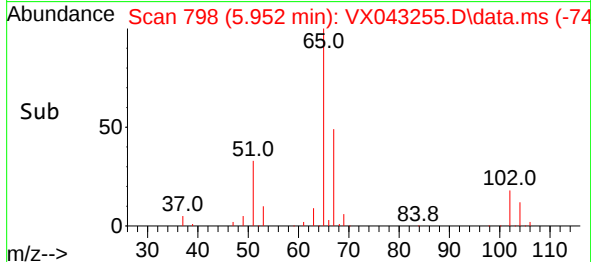
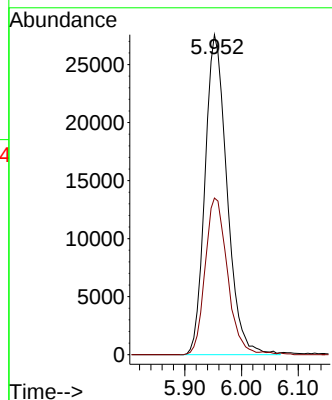
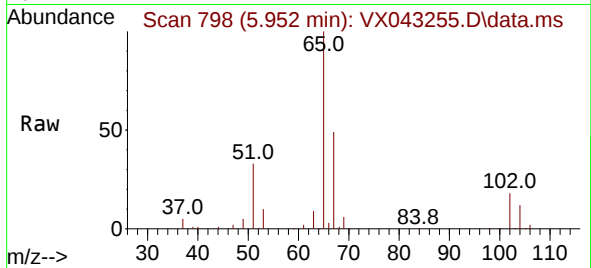




#33
 1,2-Dichloroethane-d4
 Concen: 53.619 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043255.D
 Acq: 03 Oct 2024 12:30

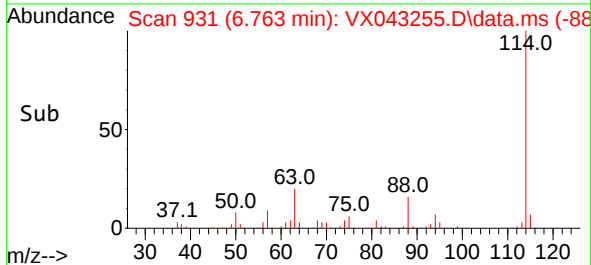
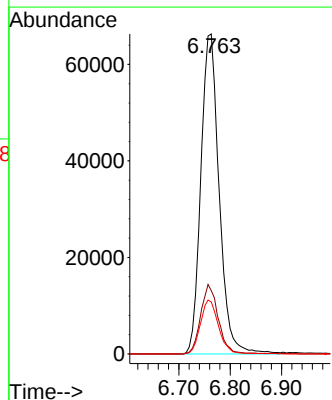
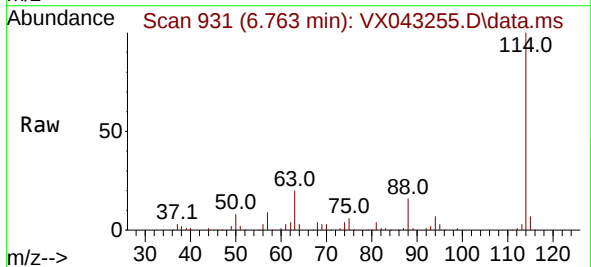
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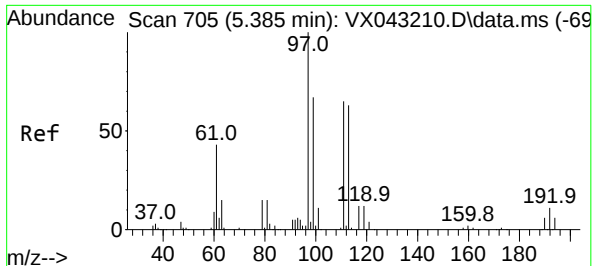
Tgt Ion: 65 Resp: 74296
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043255.D
 Acq: 03 Oct 2024 12:30

Tgt Ion: 114 Resp: 164133
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.0
 88 16.3 0.0 33.0

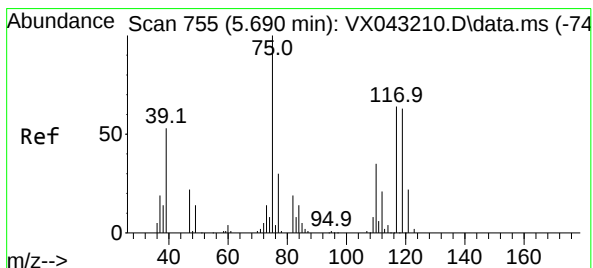
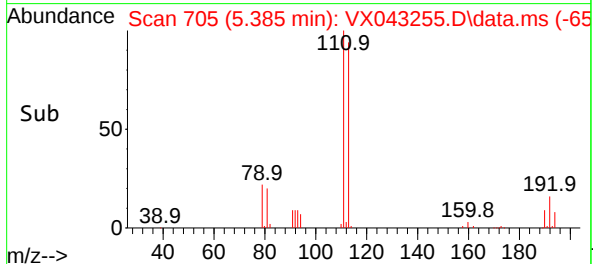
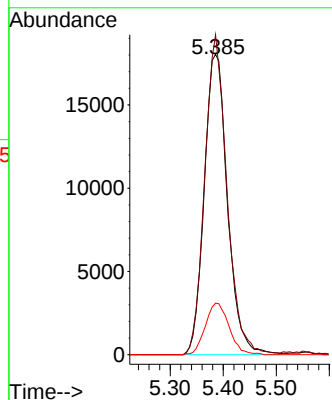
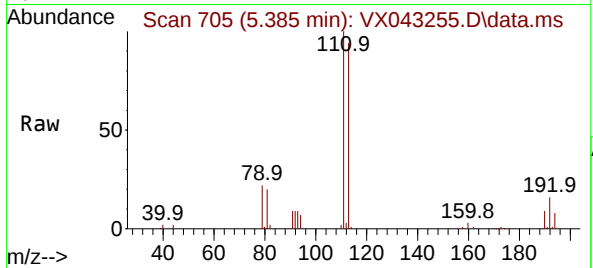




#35
Dibromofluoromethane
Concen: 48.496 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

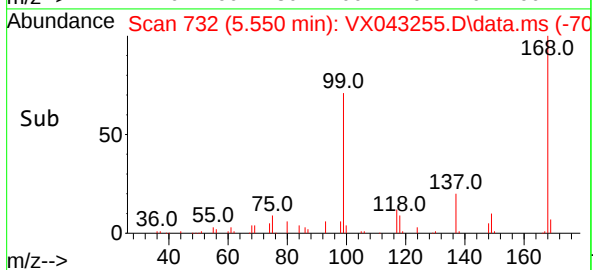
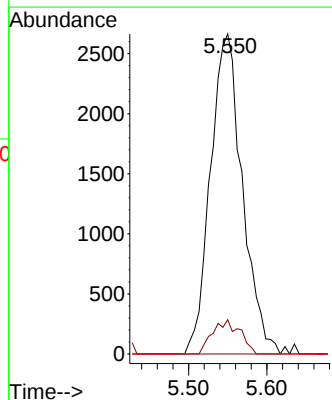
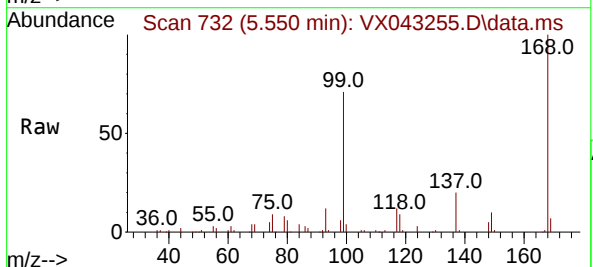
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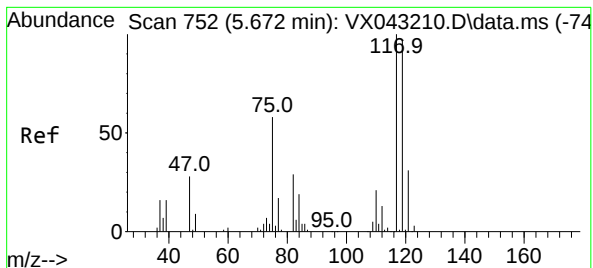
Tgt Ion:113 Resp: 54894
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 17.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 75 Resp: 7536
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.3#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.516 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX043255.D

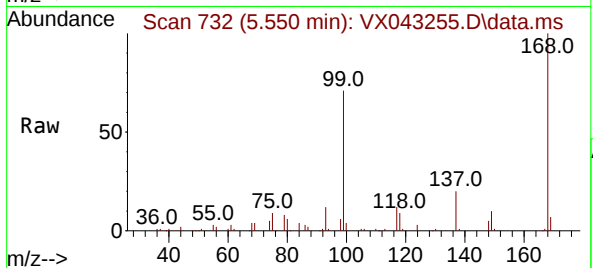
Acq: 03 Oct 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

EB03-20240926



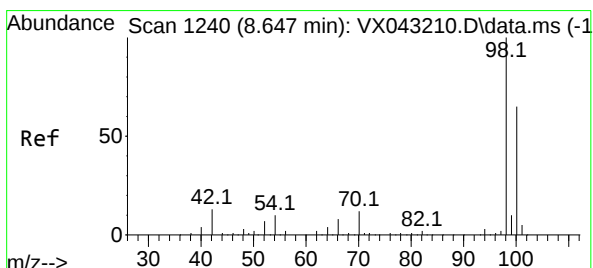
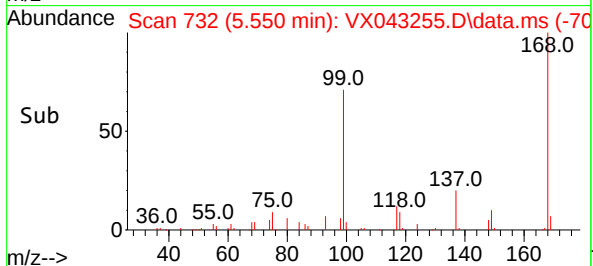
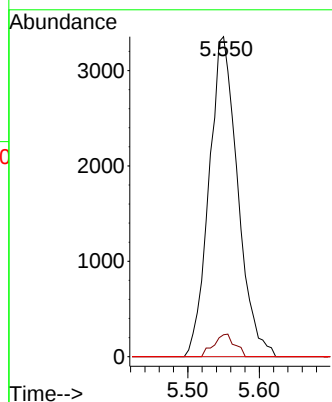
Tgt Ion:117 Resp: 9338

Ion Ratio Lower Upper

117 100

119 6.8 77.7 116.5#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 50.225 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043255.D

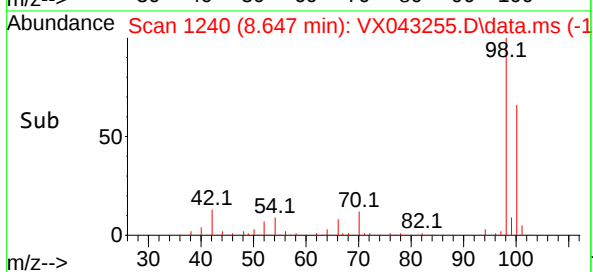
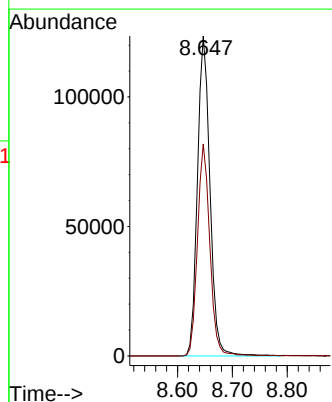
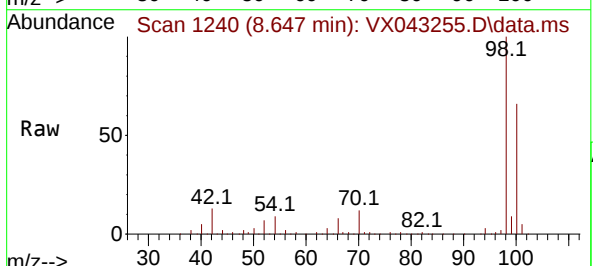
Acq: 03 Oct 2024 12:30

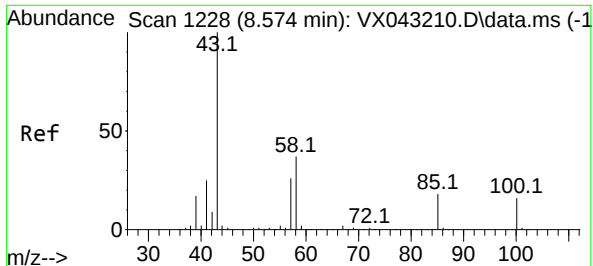
Tgt Ion: 98 Resp: 197014

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

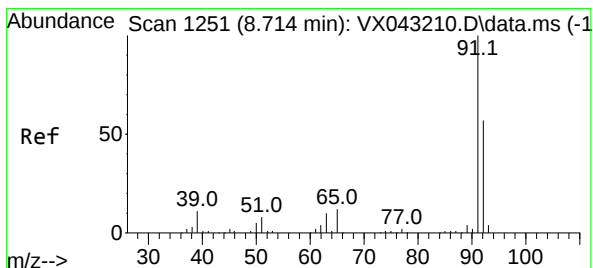
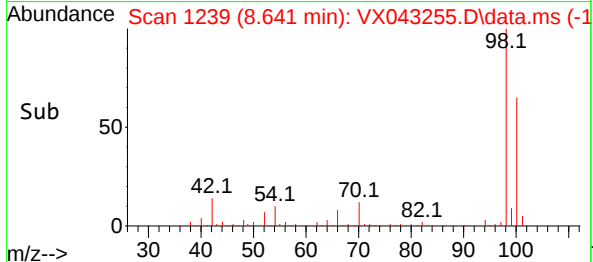
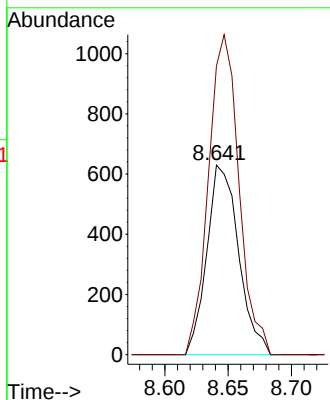
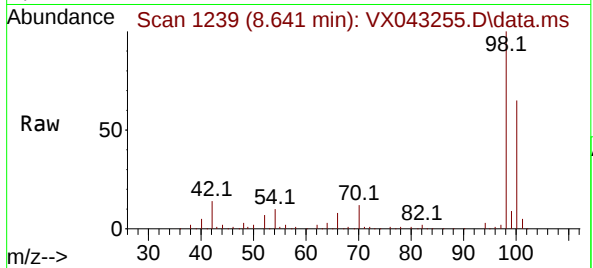




#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

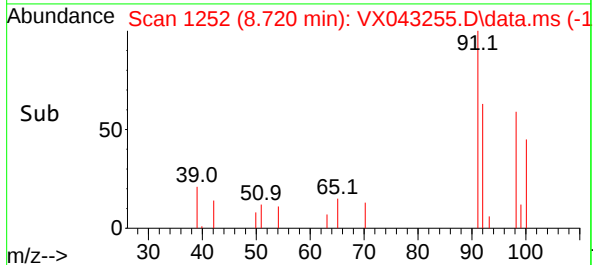
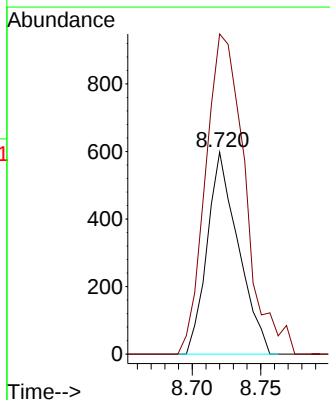
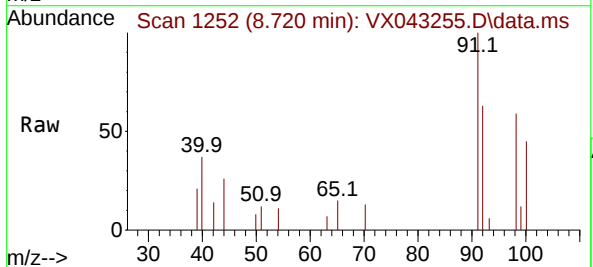
Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

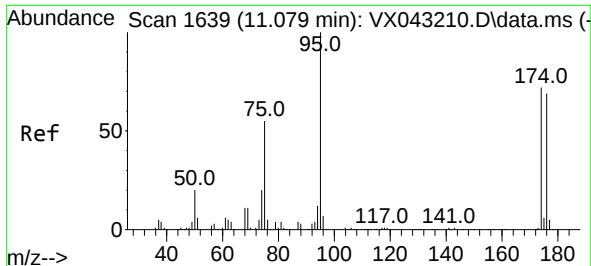
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 162.3 30.0 45.0#



#52
Toluene
Concen: 0.347 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 92 Resp: 943
Ion Ratio Lower Upper
92 100
91 201.6 137.0 205.4

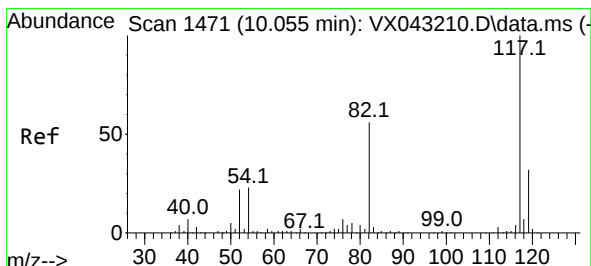
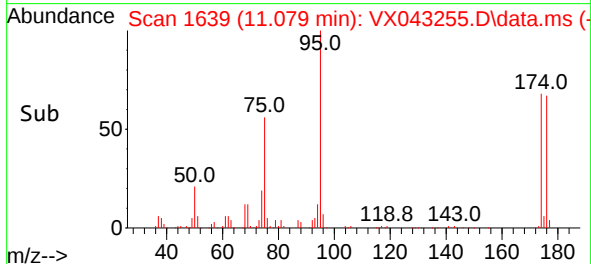
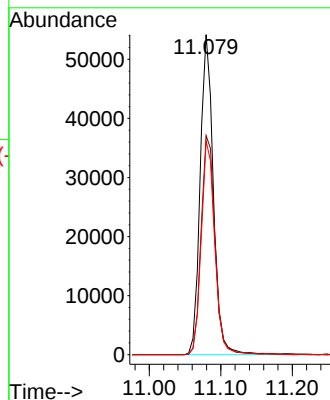
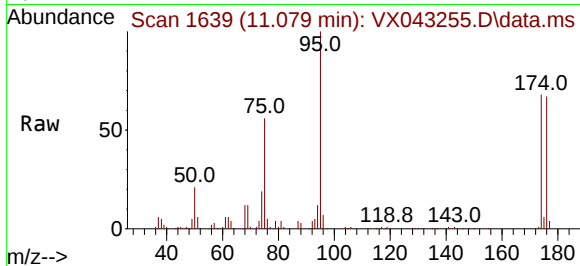




#62
4-Bromofluorobenzene
Concen: 48.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

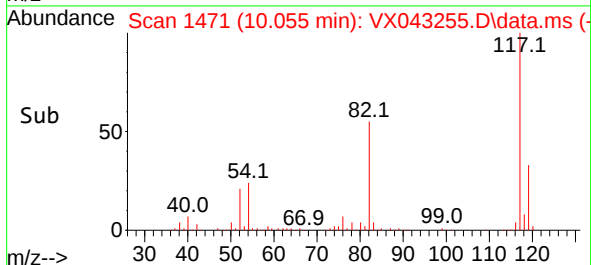
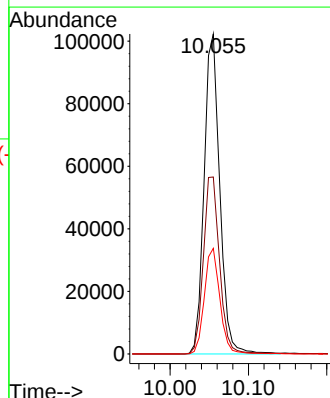
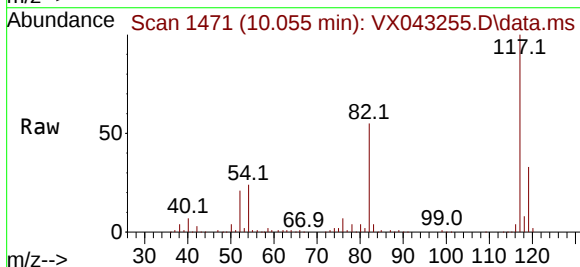
Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

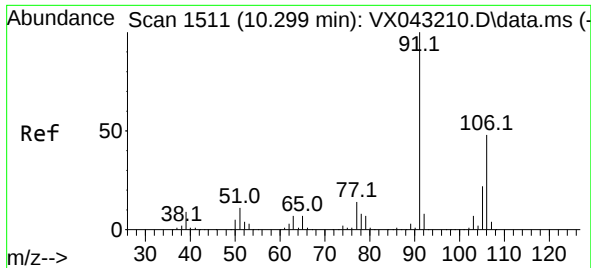
Tgt Ion: 95 Resp: 69221
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 68.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 117 Resp: 142021
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.6
119 33.0 25.3 37.9

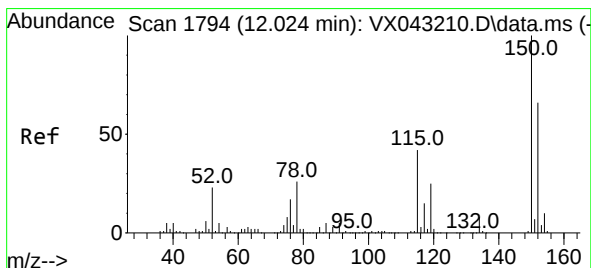
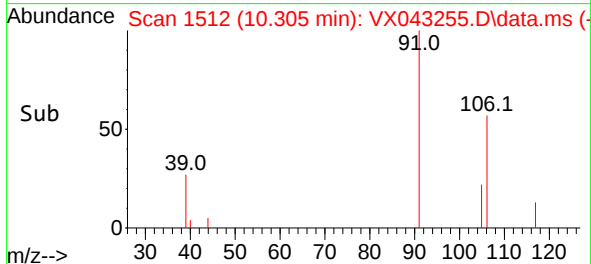
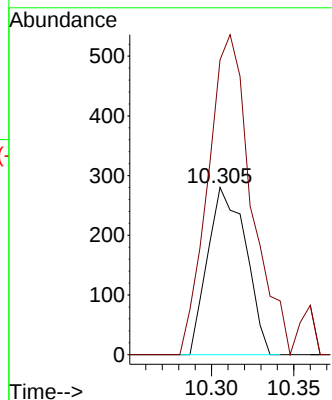
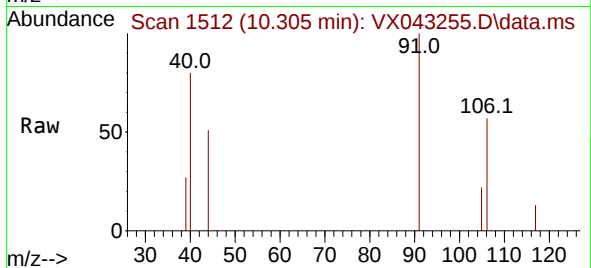




#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

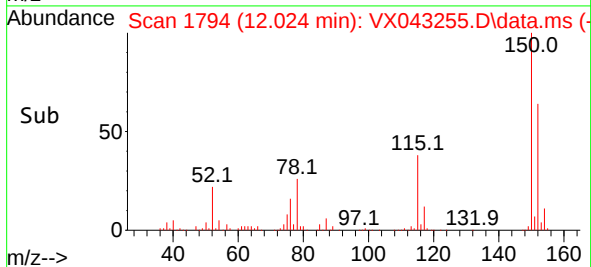
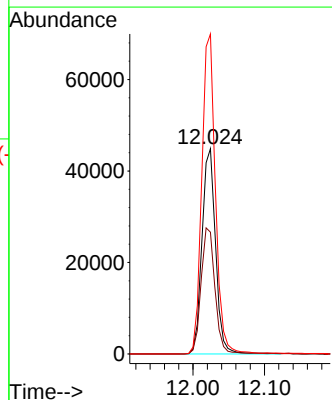
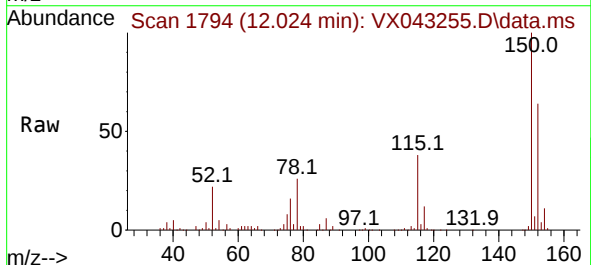
Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

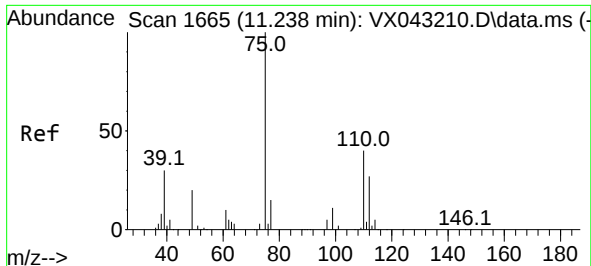
Tgt Ion:106 Resp: 452
Ion Ratio Lower Upper
106 100
91 217.9 167.0 250.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion:152 Resp: 59339
Ion Ratio Lower Upper
152 100
115 63.1 44.1 132.3
150 155.9 0.0 347.4

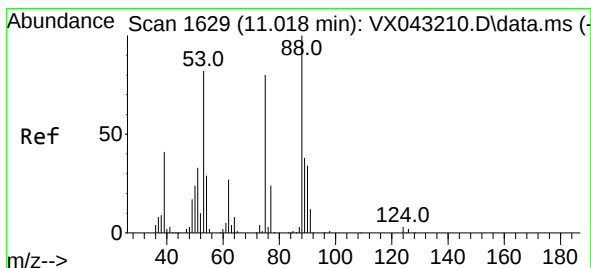
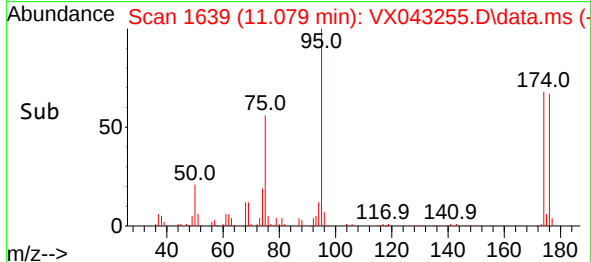
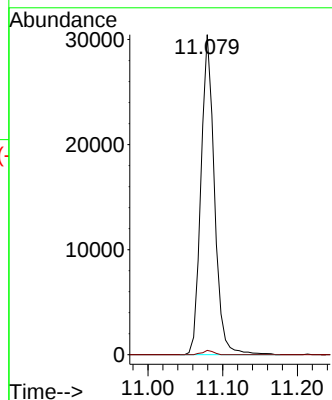
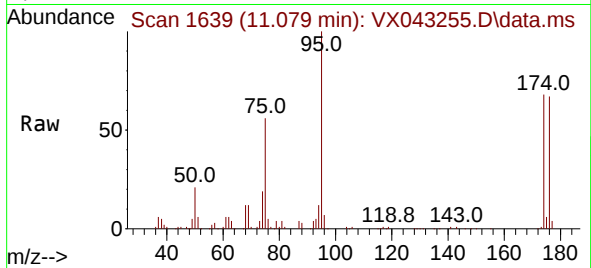




#76
1,2,3-Trichloropropane
Concen: 29.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
EB03-20240926

Tgt Ion: 75 Resp: 38199
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.215 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043255.D
Acq: 03 Oct 2024 12:30

Tgt Ion: 75 Resp: 38199
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

