

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036141.D
 Acq On : 13 Jun 2023 14:05
 Operator : JC/MD
 Sample : 03173-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-061223

Quant Time: Jun 14 00:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

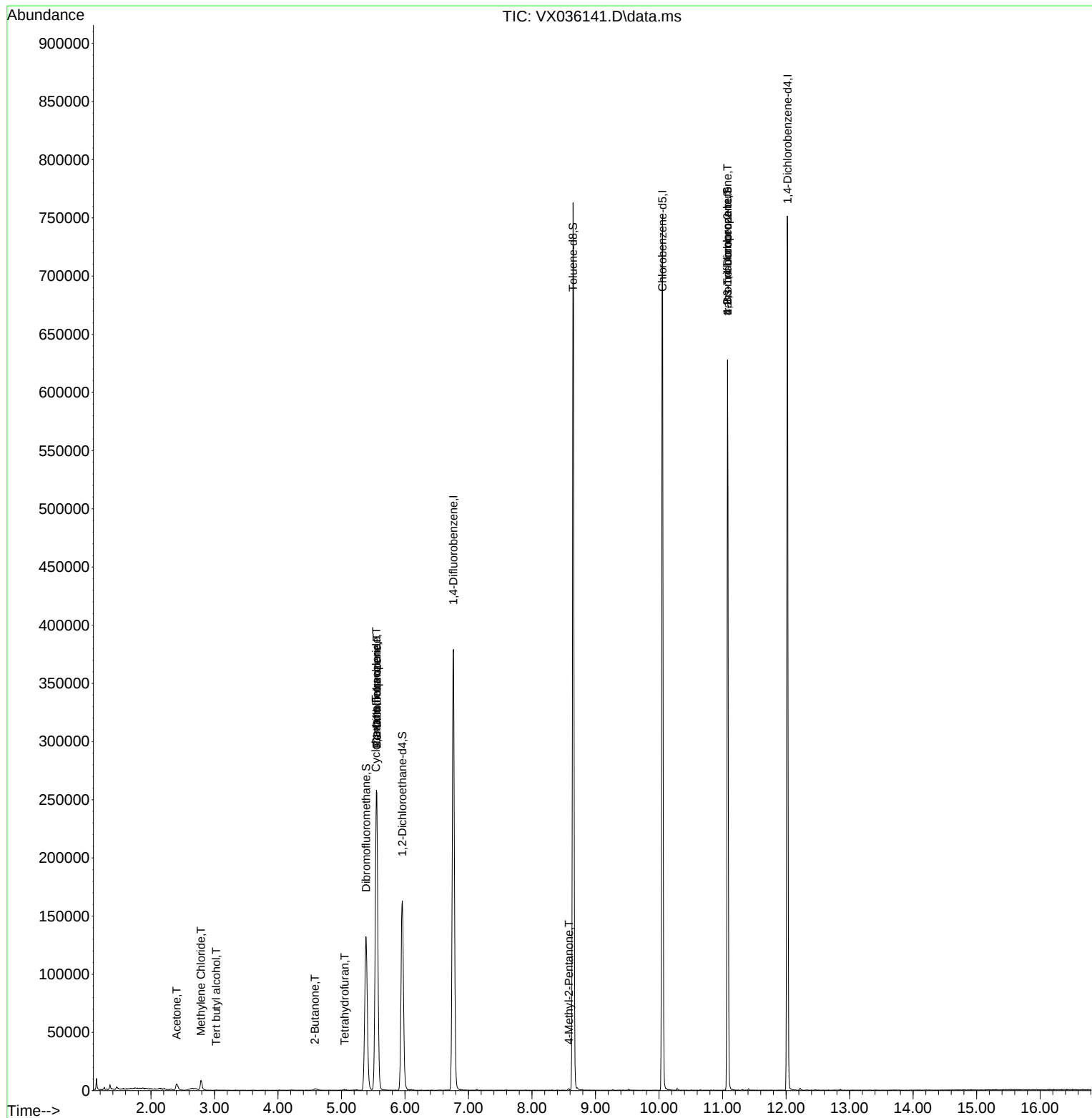
Internal Standards						
1) Pentafluorobenzene	5.556	168	215643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170035	48.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.120%
35) Dibromofluoromethane	5.385	113	112364	46.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	8.647	98	424184	49.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	163871	48.320	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.026	59	251	0.404	ug/l #	78
16) Acetone	2.404	43	8908	6.166	ug/l #	87
20) Methylene Chloride	2.788	84	3923	1.410	ug/l	93
25) 2-Butanone	4.580	43	475	0.230	ug/l	99
29) Tetrahydrofuran	5.050	42	471	0.353	ug/l #	37
31) Cyclohexane	5.543	56	5893	1.607	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	21253	6.659	ug/l #	52
38) Carbon Tetrachloride	5.550	117	25641	8.244	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1101	0.309	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	92657	28.502	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	92657	96.004	ug/l #	3

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

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EB-01-061223

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

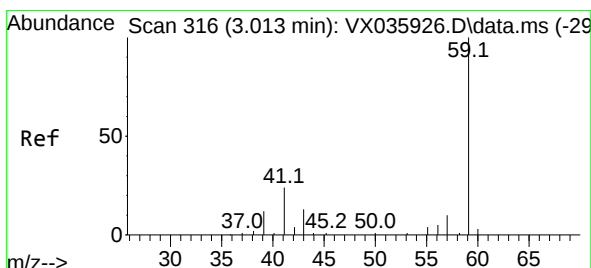
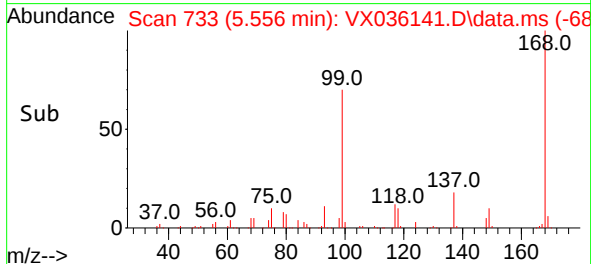
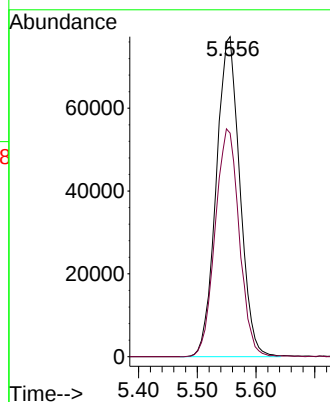
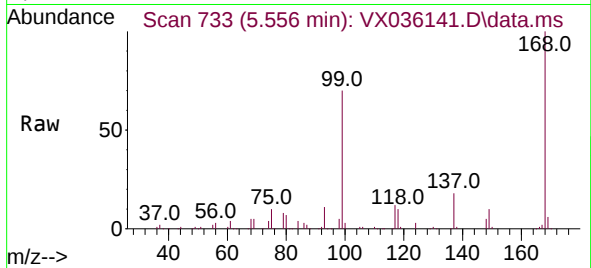




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

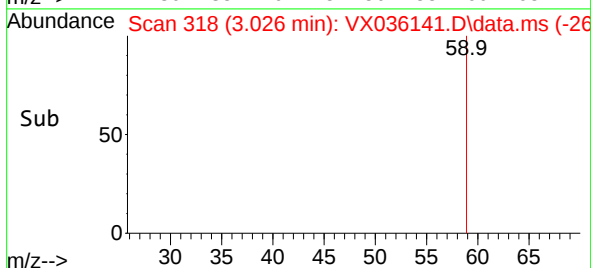
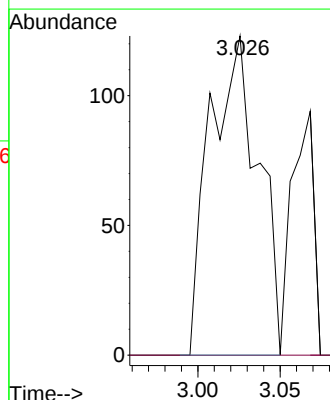
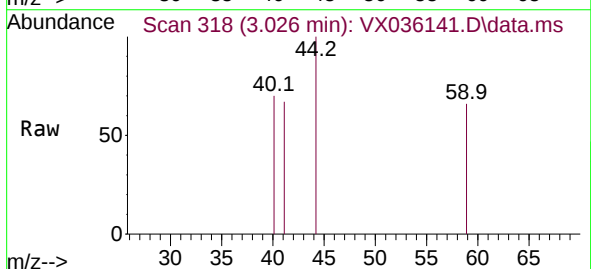
Instrument :
MSVOA_X
ClientSampleId :
EB-01-061223

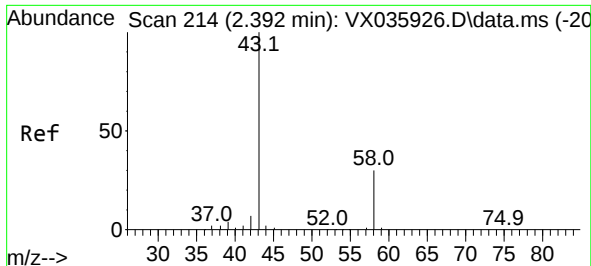
Tgt Ion:168 Resp: 215643
Ion Ratio Lower Upper
168 100
99 69.9 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.404 ug/l
RT: 3.026 min Scan# 318
Delta R.T. 0.019 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 6.166 ug/l

RT: 2.404 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX036141.D

Acq: 13 Jun 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

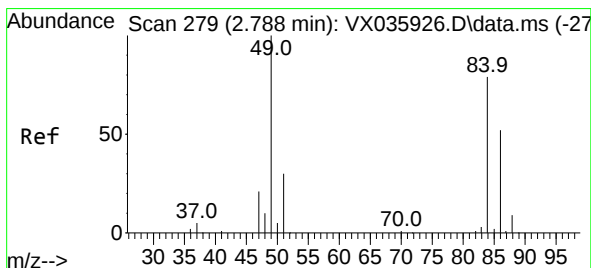
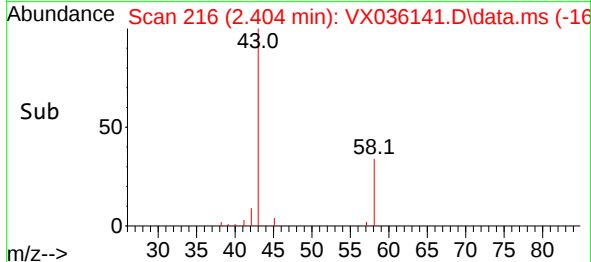
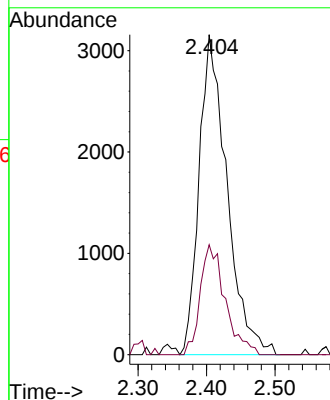
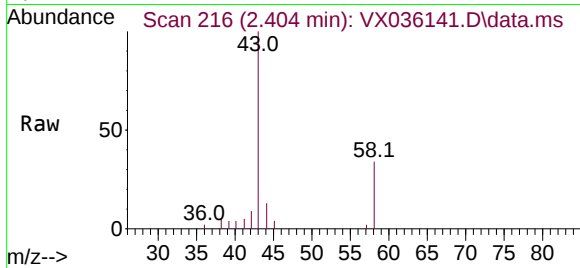
EB-01-061223

Tgt Ion: 43 Resp: 8908

Ion Ratio Lower Upper

43 100

58 34.3 22.2 33.2#



#20

Methylene Chloride

Concen: 1.410 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036141.D

Acq: 13 Jun 2023 14:05

Tgt Ion: 84 Resp: 3923

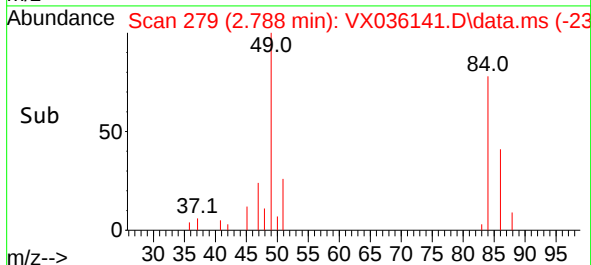
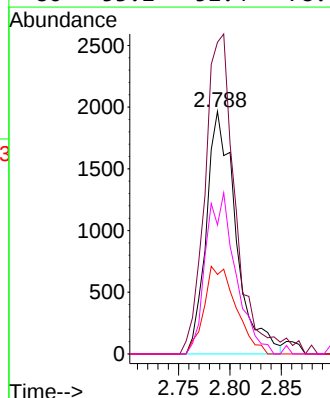
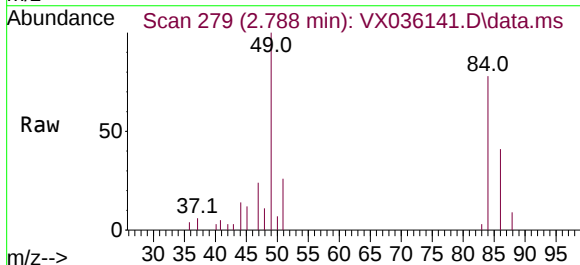
Ion Ratio Lower Upper

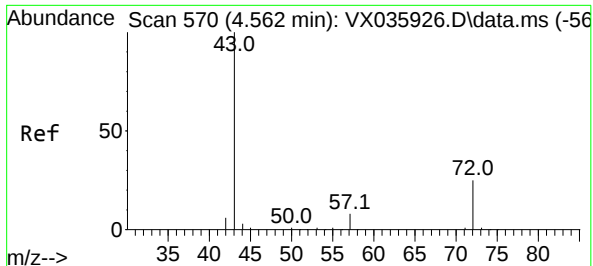
84 100

49 128.5 104.6 156.8

51 32.8 32.2 48.4

86 53.2 52.4 78.6





#25

2-Butanone

Concen: 0.230 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX036141.D

Acq: 13 Jun 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

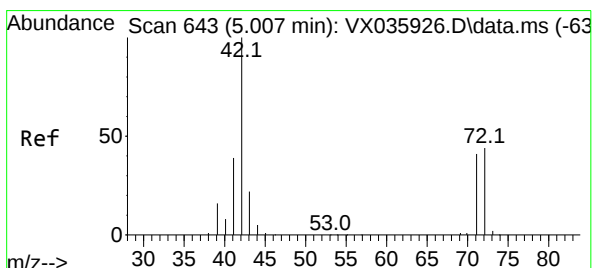
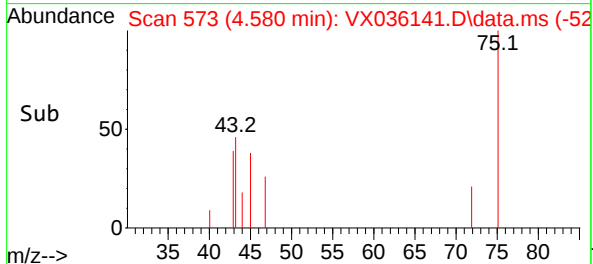
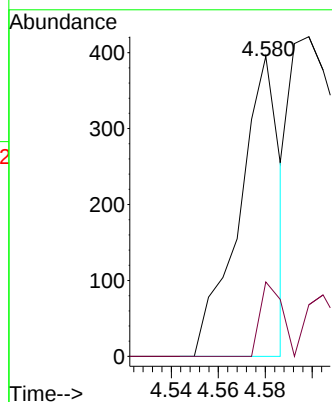
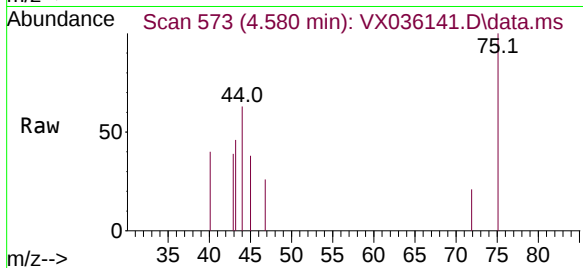
EB-01-061223

Tgt Ion: 43 Resp: 475

Ion Ratio Lower Upper

43 100

72 24.8 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.353 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX036141.D

Acq: 13 Jun 2023 14:05

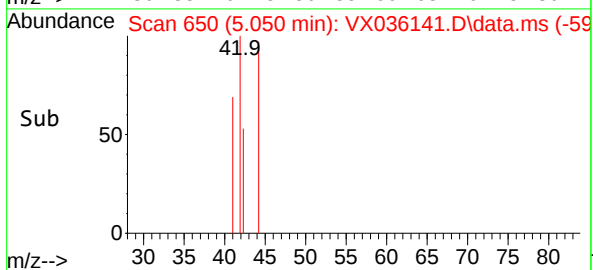
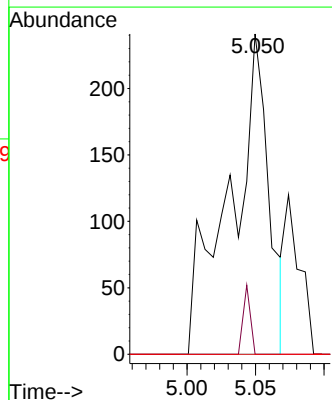
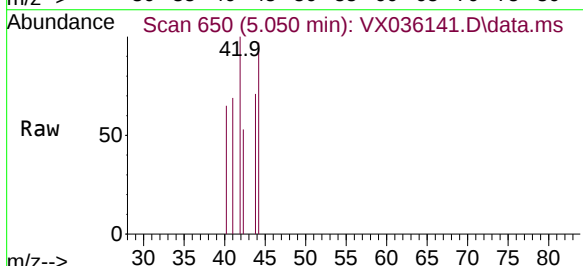
Tgt Ion: 42 Resp: 471

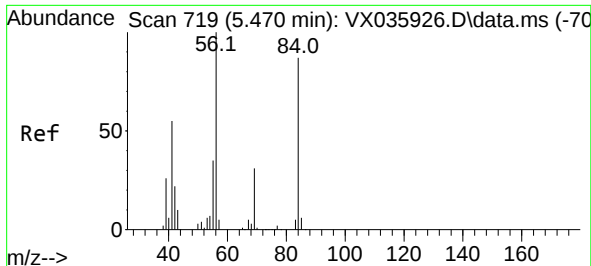
Ion Ratio Lower Upper

42 100

72 4.0 34.2 51.2#

71 0.0 31.8 47.8#

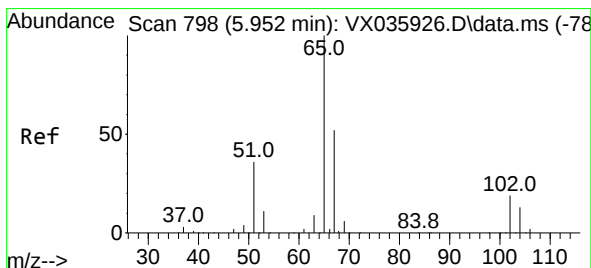
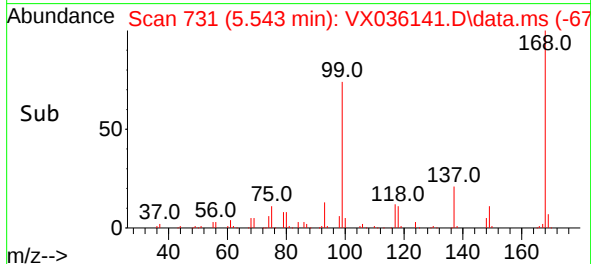
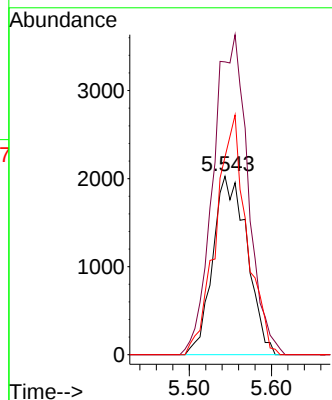
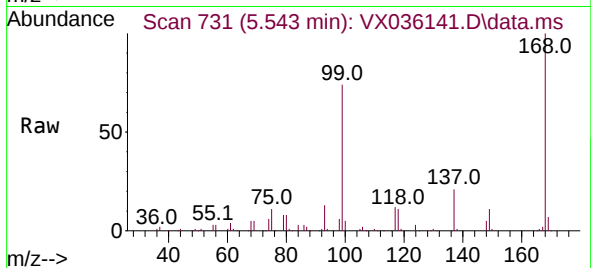




#31
Cyclohexane
Concen: 1.607 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

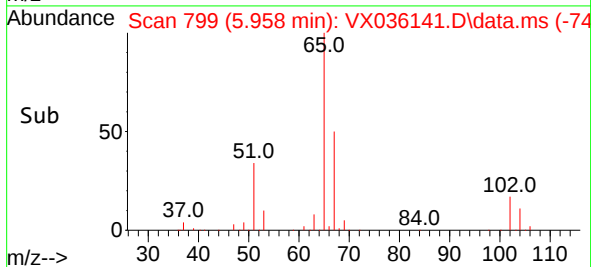
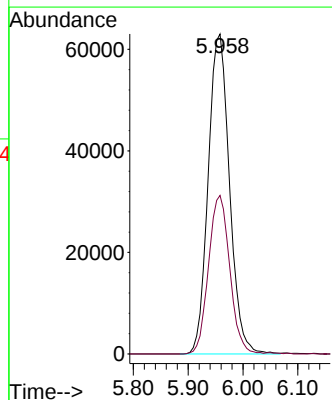
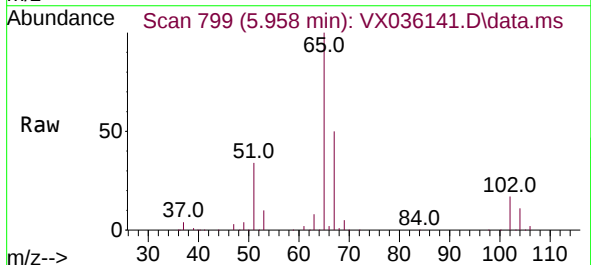
Instrument :
MSVOA_X
ClientSampleId :
EB-01-061223

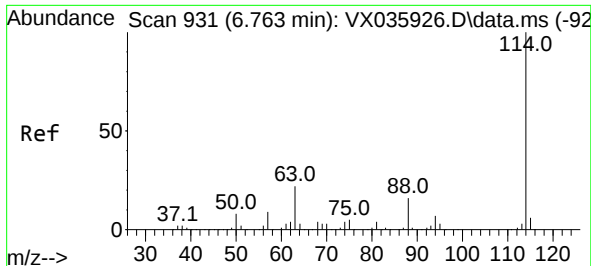
Tgt Ion: 56 Resp: 5893
Ion Ratio Lower Upper
56 100
69 164.2 25.9 38.9#
84 110.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.557 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion: 65 Resp: 170035
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.6

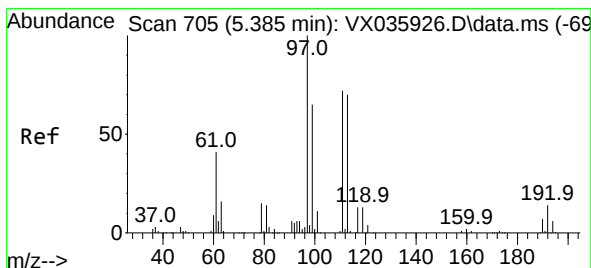
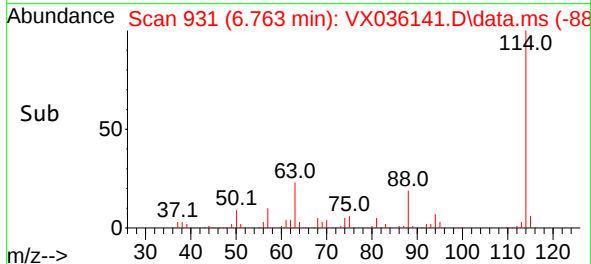
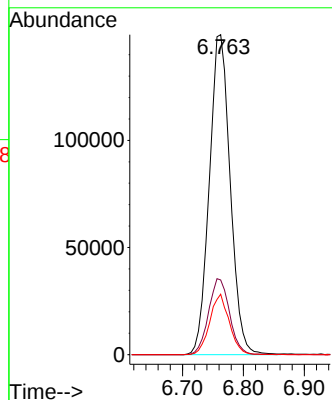
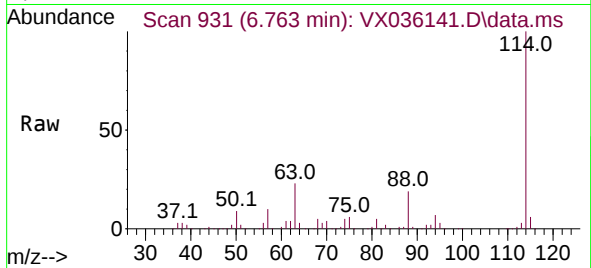




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

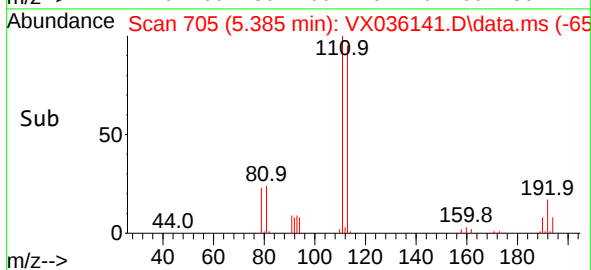
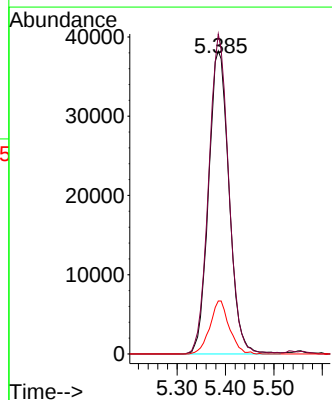
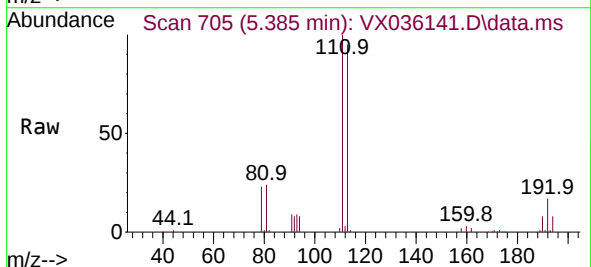
Instrument :
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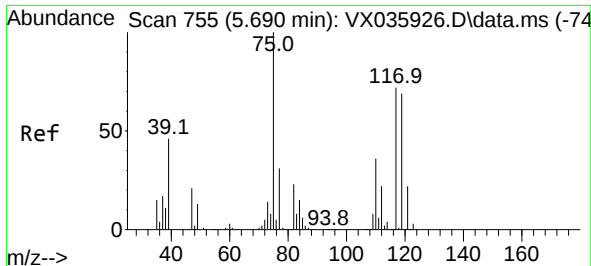
Tgt Ion:114 Resp: 355897
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.0
88 18.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.941 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion:113 Resp: 112364
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 16.6 13.5 20.3

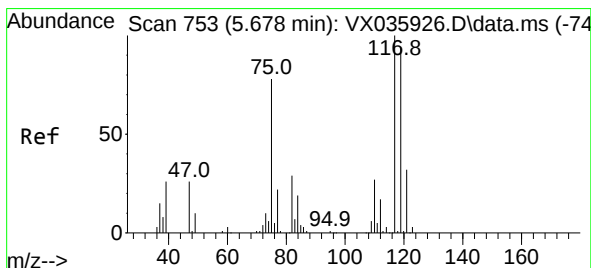
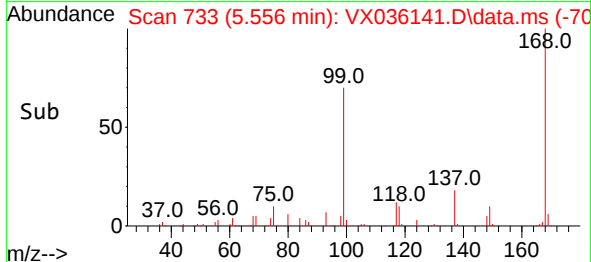
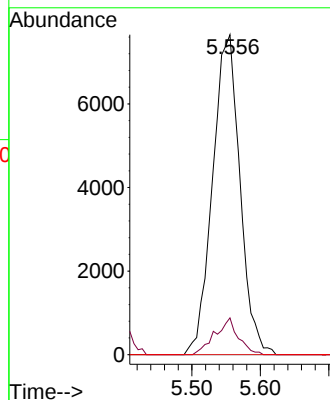
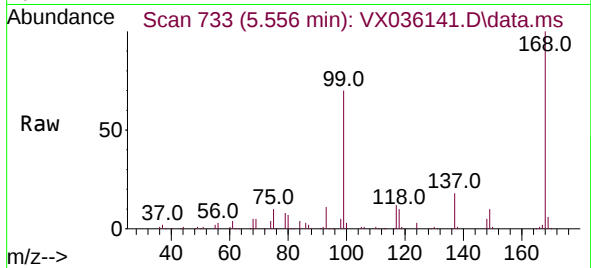




#36
1,1-Dichloropropene
Concen: 6.659 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

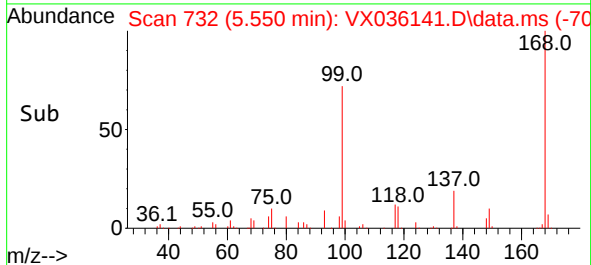
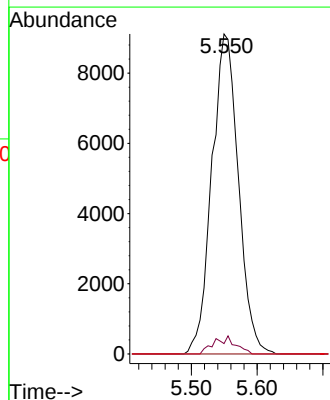
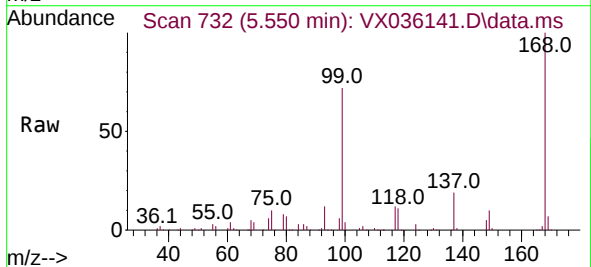
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EB-01-061223

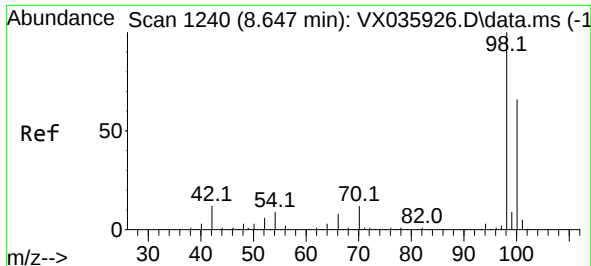
Tgt Ion: 75 Resp: 21253
Ion Ratio Lower Upper
75 100
110 9.8 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.244 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion: 117 Resp: 25641
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.0 37.4#

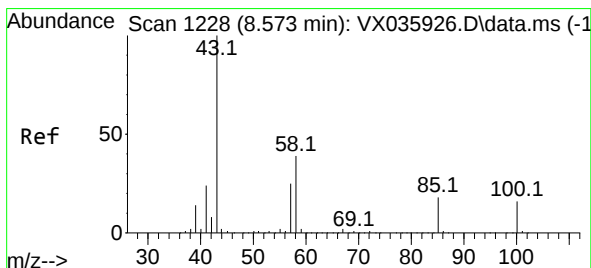
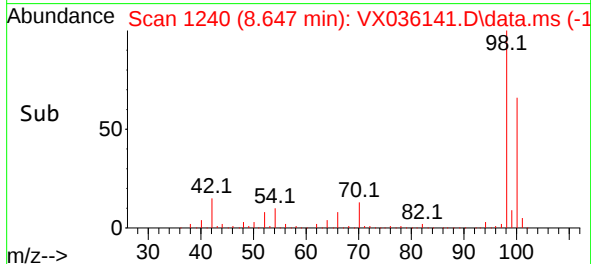
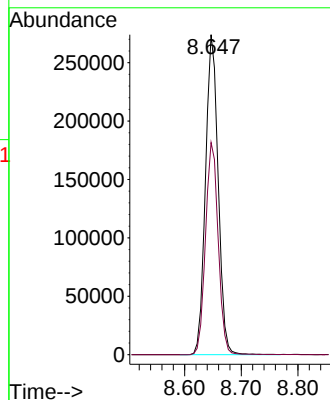
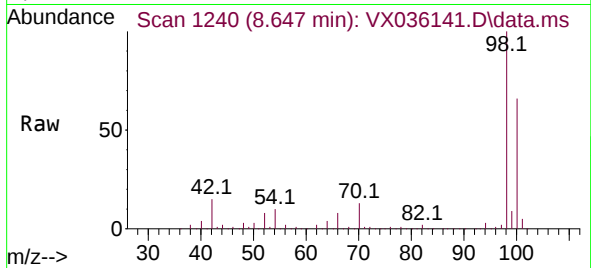




#50
Toluene-d8
Concen: 49.375 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

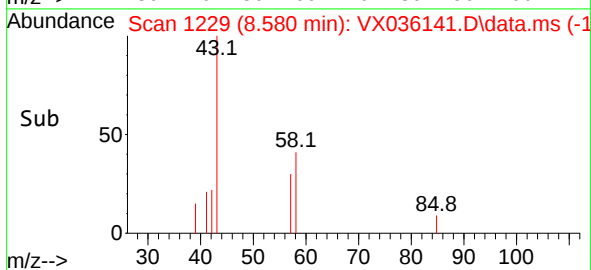
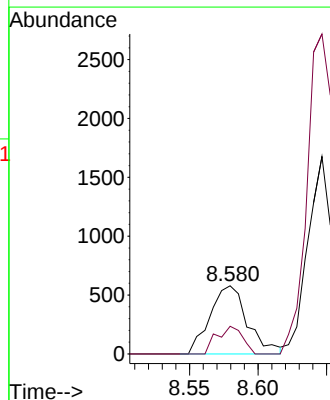
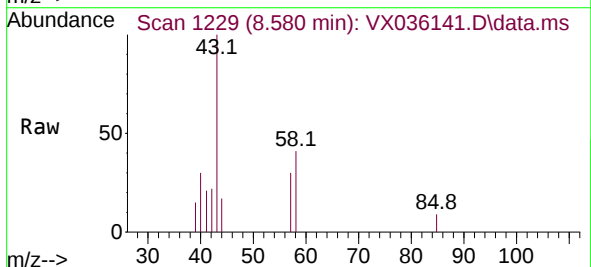
Instrument :
MSVOA_X
ClientSampleId :
EB-01-061223

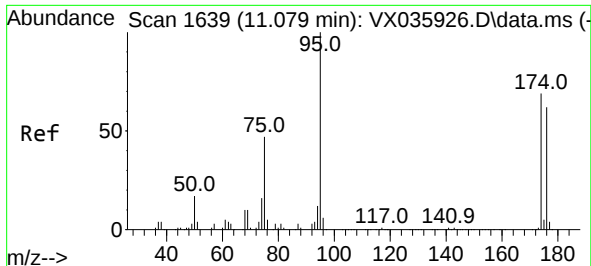
Tgt Ion: 98 Resp: 424184
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.309 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 27.8 30.1 45.1#

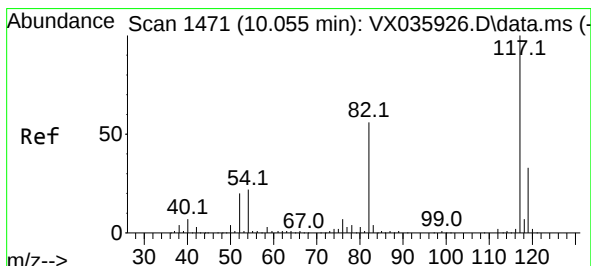
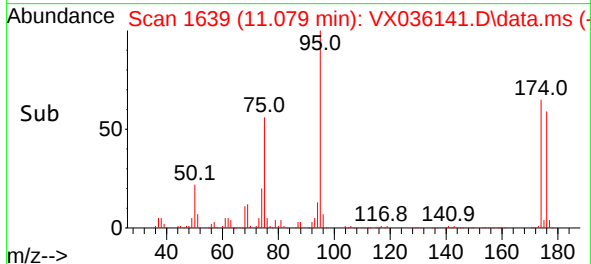
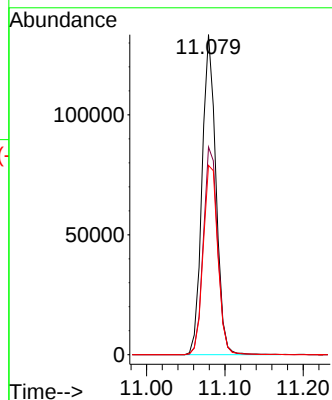
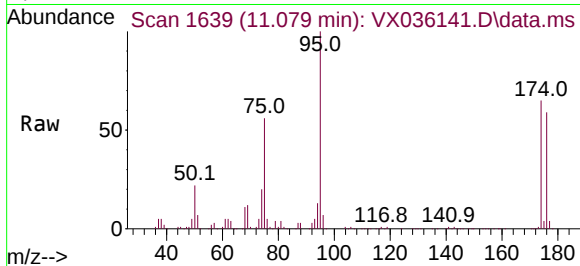




#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

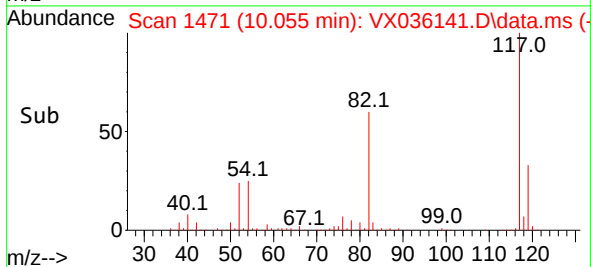
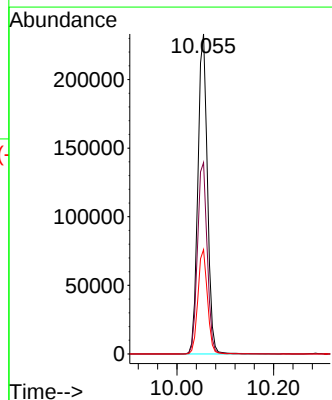
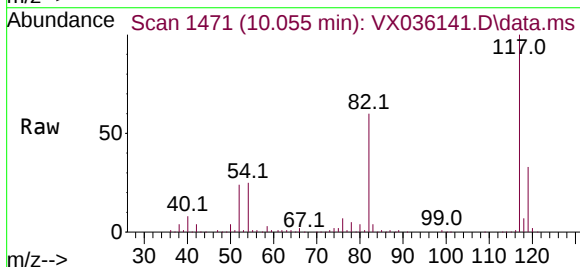
Instrument :
MSVOA_X
ClientSampleId :
EB-01-061223

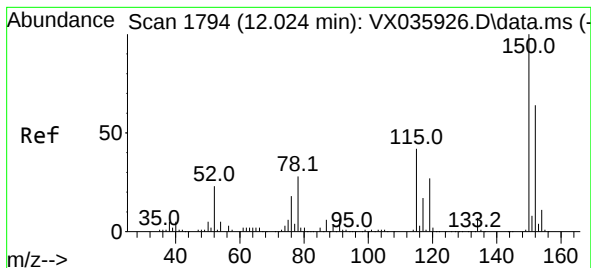
Tgt Ion: 95 Resp: 163871
Ion Ratio Lower Upper
95 100
174 66.7 0.0 132.6
176 62.8 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Tgt Ion: 117 Resp: 317284
Ion Ratio Lower Upper
117 100
82 59.8 46.6 69.8
119 32.6 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: VX036141.D

Acq: 13 Jun 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

EB-01-061223

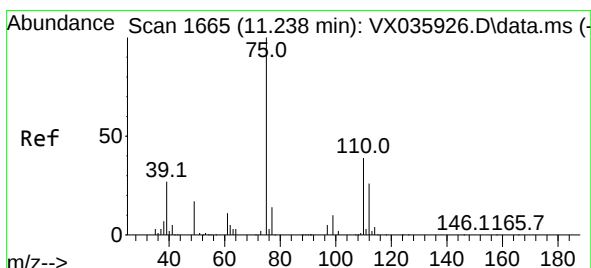
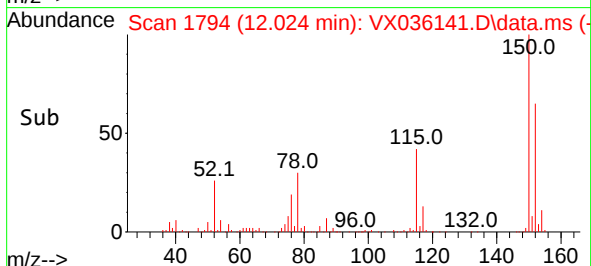
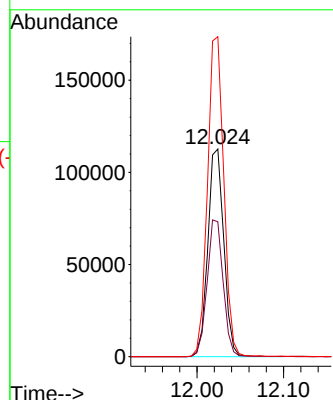
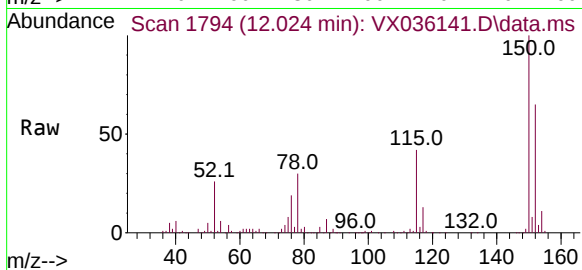
Tgt Ion:152 Resp: 144135

Ion Ratio Lower Upper

152 100

115 66.2 45.5 136.5

150 157.1 0.0 345.2



#76

1,2,3-Trichloropropane

Concen: 28.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036141.D

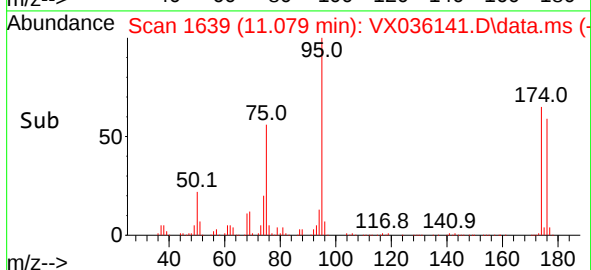
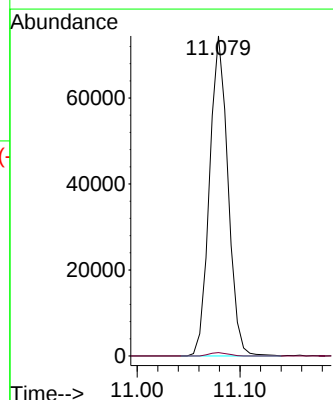
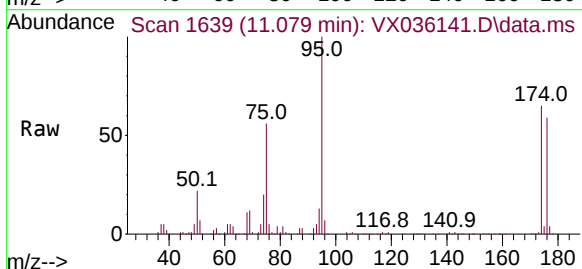
Acq: 13 Jun 2023 14:05

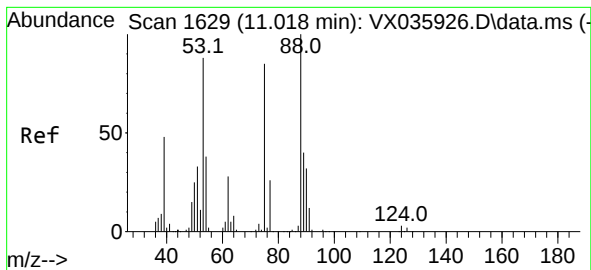
Tgt Ion: 75 Resp: 92657

Ion Ratio Lower Upper

75 100

77 1.0 21.4 64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.004 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036141.D
Acq: 13 Jun 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
EB-01-061223

Tgt Ion: 75 Resp: 92657
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

