

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036993.D
 Acq On : 15 Aug 2023 17:20
 Operator : JC/MD
 Sample : 03989-05
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP16

Quant Time: Aug 15 18:08:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

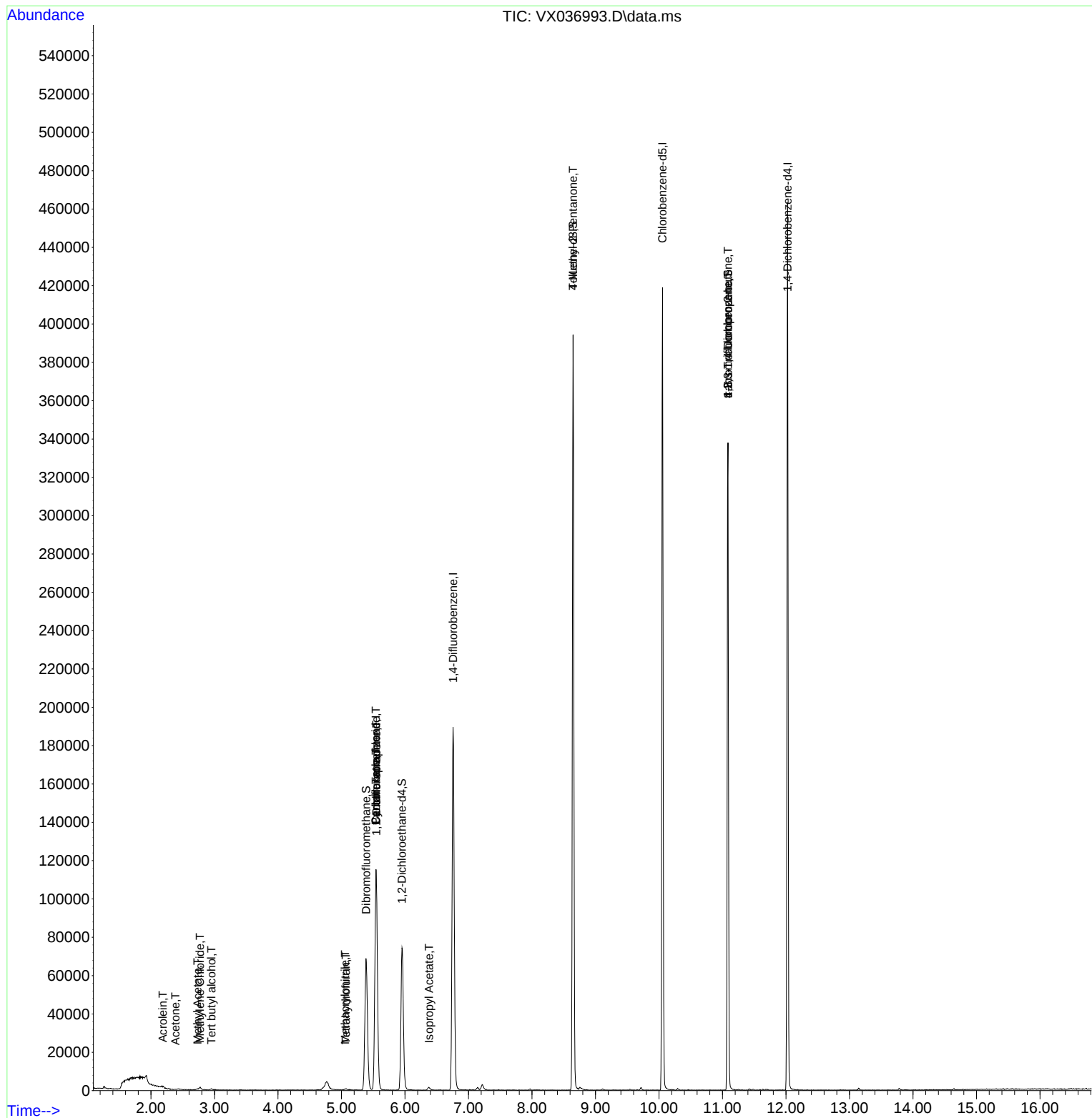
Internal Standards						
1) Pentafluorobenzene	5.544	168	106207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74444	47.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.740%		
35) Dibromofluoromethane	5.385	113	59472	44.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.660%		
50) Toluene-d8	8.647	98	235726	49.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.085	95	98789	55.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.060%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	373	1.003	ug/l #	78
13) Acrolein	2.185	56	71	0.334	ug/l #	14
16) Acetone	2.386	43	178	0.273	ug/l #	47
18) Methyl Acetate	2.733	43	814	0.297	ug/l #	53
20) Methylene Chloride	2.770	84	677	0.467	ug/l #	83
29) Tetrahydrofuran	5.068	42	474	0.695	ug/l #	83
31) Cyclohexane	5.544	56	2063	0.948	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8924	4.462	ug/l #	46
38) Carbon Tetrachloride	5.544	117	11273	5.302	ug/l #	14
41) Methacrylonitrile	5.056	41	301	0.249	ug/l #	35
43) Isopropyl Acetate	6.379	43	818	0.210	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1088	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51297	22.801	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51297	51.680	ug/l #	5

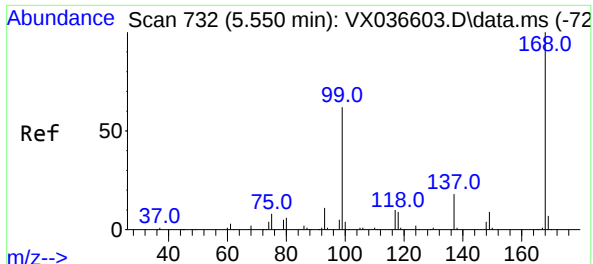
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
Data File : VX036993.D
Acq On : 15 Aug 2023 17:20
Operator : JC/MD
Sample : 03989-05
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-PP16

Quant Time: Aug 15 18:08:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

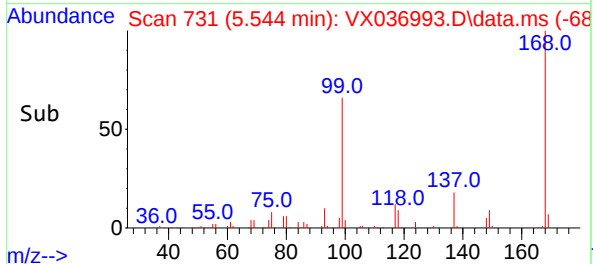
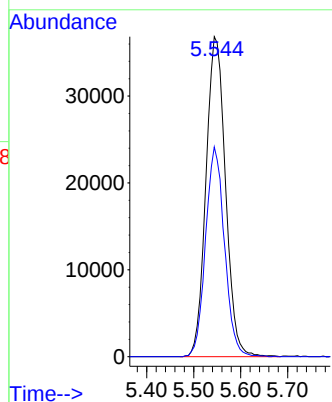
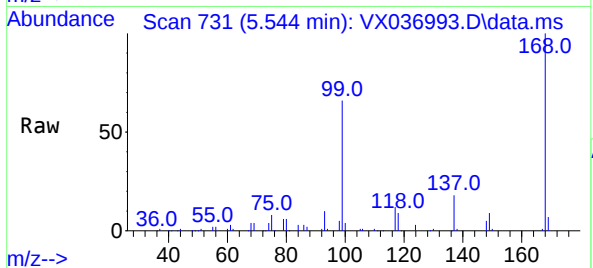




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

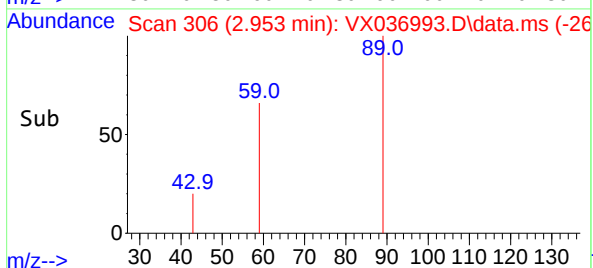
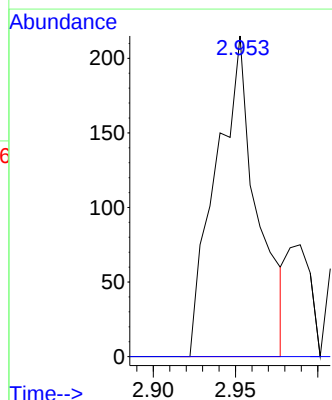
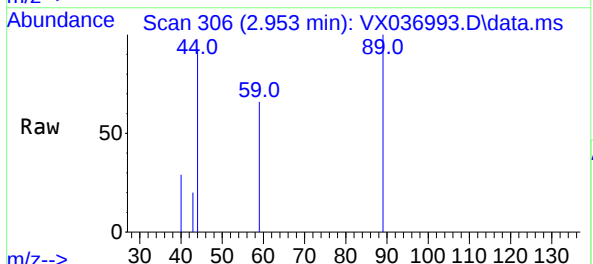
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

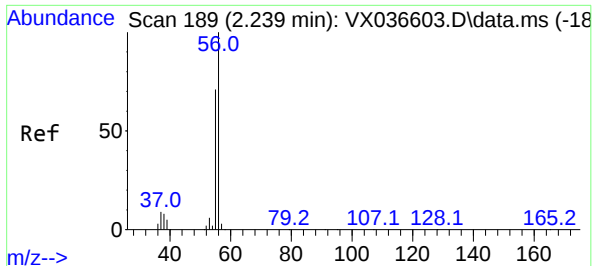
Tgt Ion:168 Resp: 106207
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.003 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

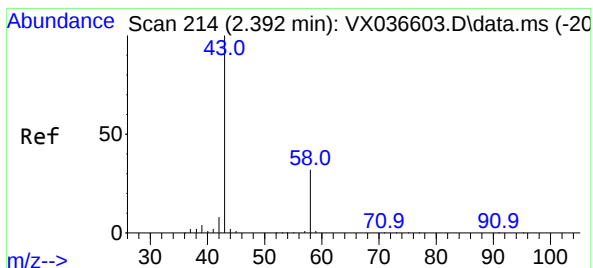
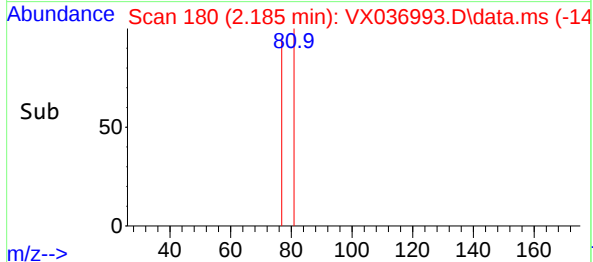
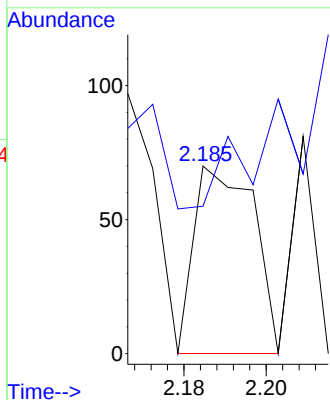
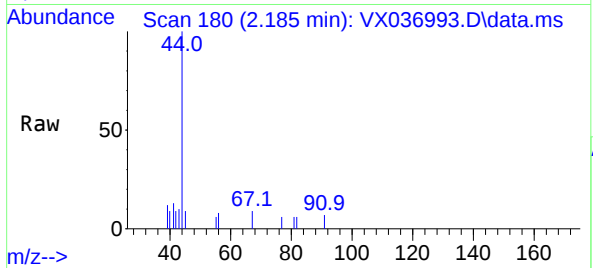




#13
Acrolein
Concen: 0.334 ug/l
RT: 2.185 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

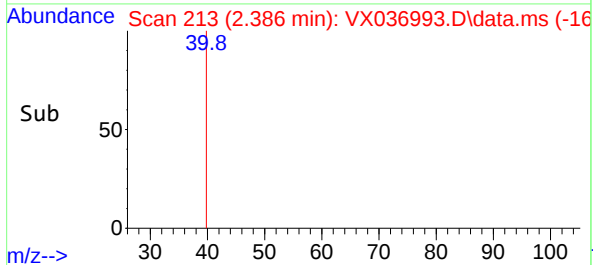
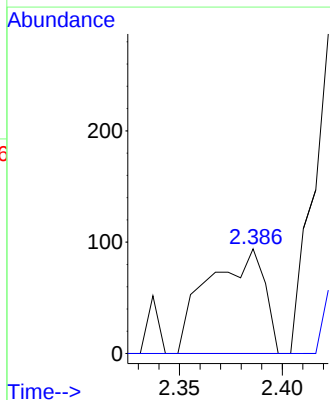
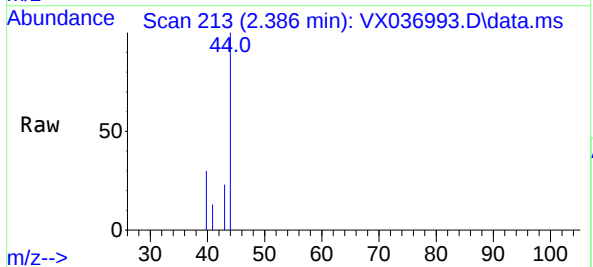
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

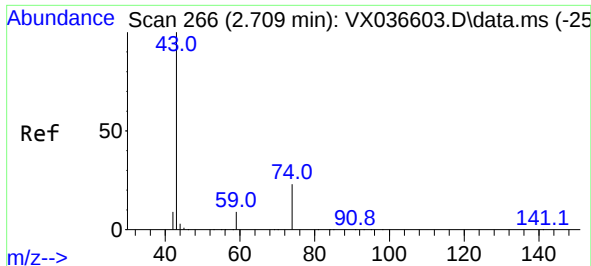
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.273 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

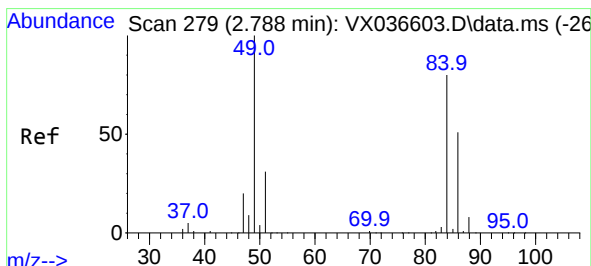
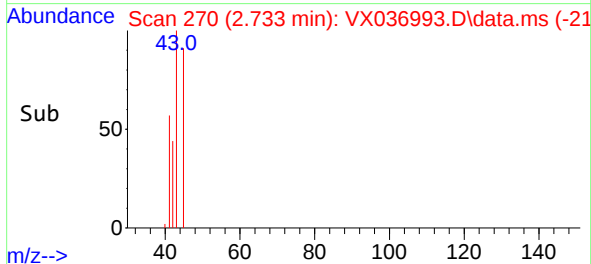
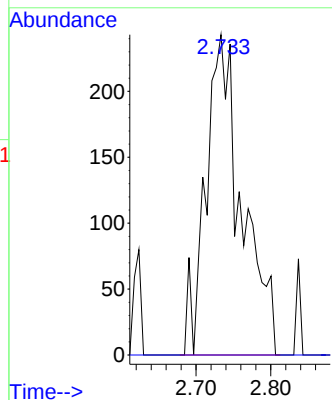
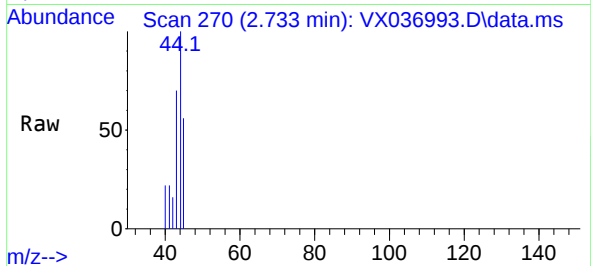




#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.733 min Scan# 21
Delta R.T. 0.025 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

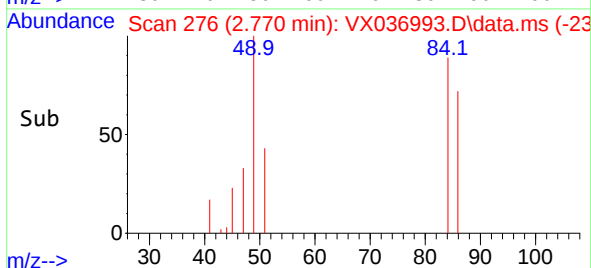
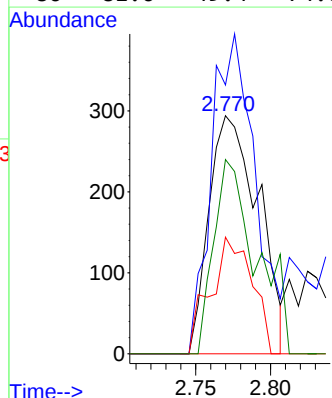
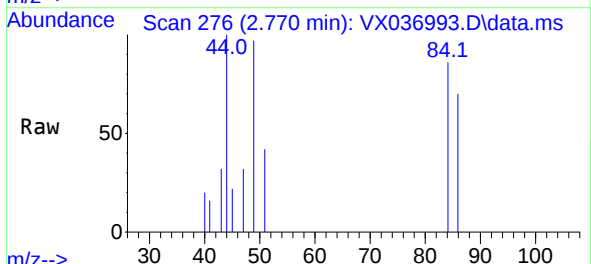
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

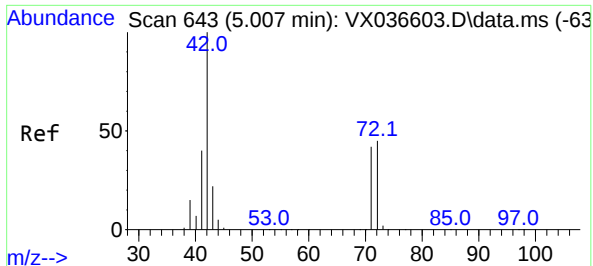
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.770 min Scan# 276
Delta R.T. -0.018 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 84 Resp: 677
Ion Ratio Lower Upper
84 100
49 112.9 103.6 155.4
51 49.0 33.8 50.6
86 81.6 49.4 74.0#





#29

Tetrahydrofuran

Concen: 0.695 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.061 min

Lab File: VX036993.D

Acq: 15 Aug 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

B-PP16

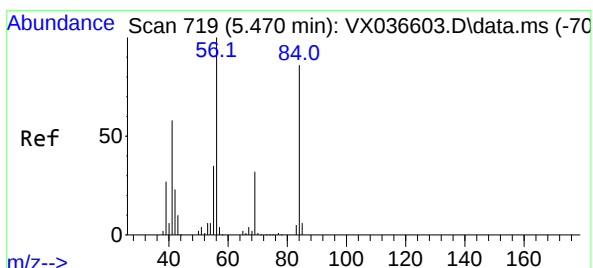
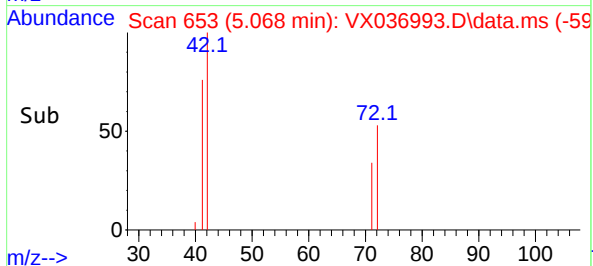
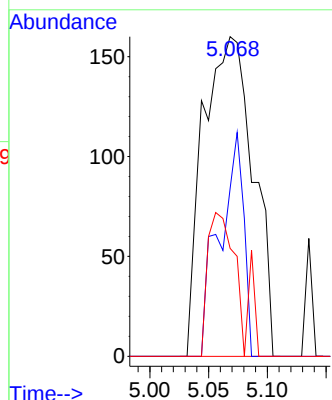
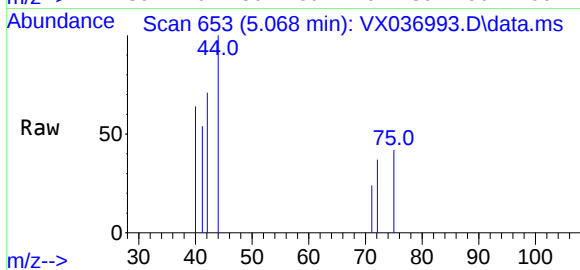
Tgt Ion: 42 Resp: 474

Ion Ratio Lower Upper

42 100

72 34.0 34.2 51.4#

71 27.6 32.2 48.2#



#31

Cyclohexane

Concen: 0.948 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036993.D

Acq: 15 Aug 2023 17:20

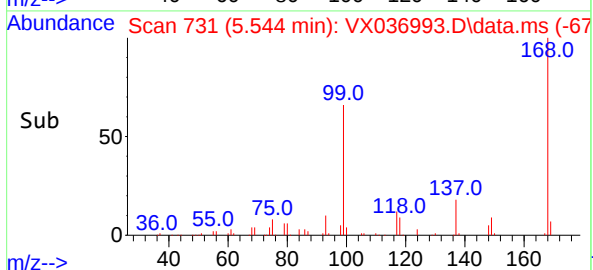
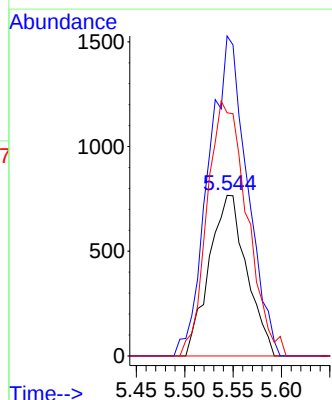
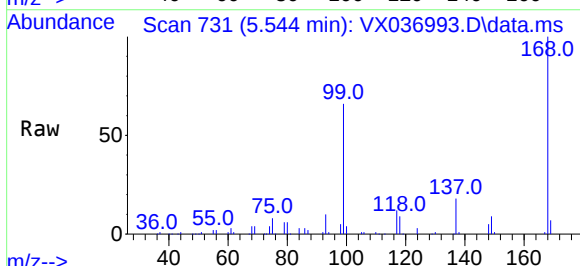
Tgt Ion: 56 Resp: 2063

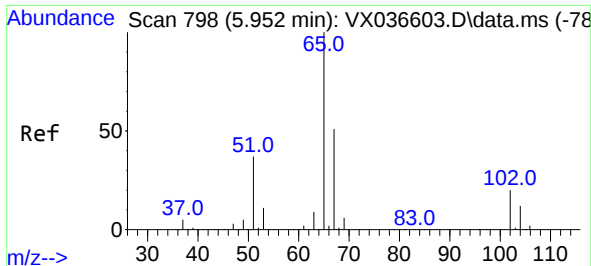
Ion Ratio Lower Upper

56 100

69 199.2 23.4 35.2#

84 151.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.372 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036993.D

Acq: 15 Aug 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

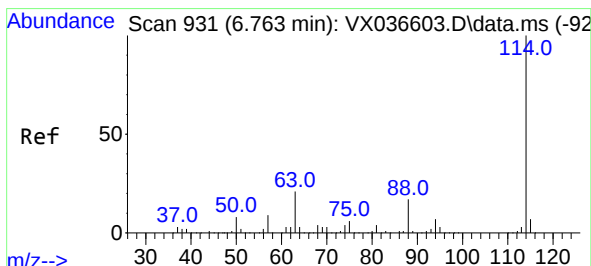
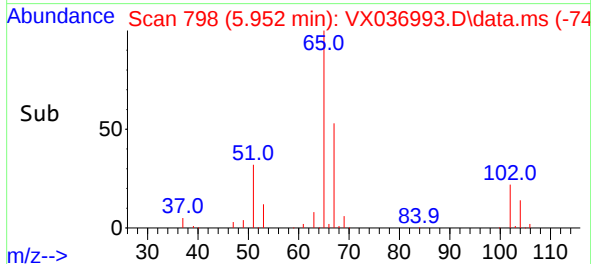
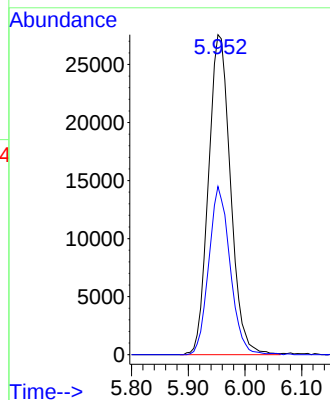
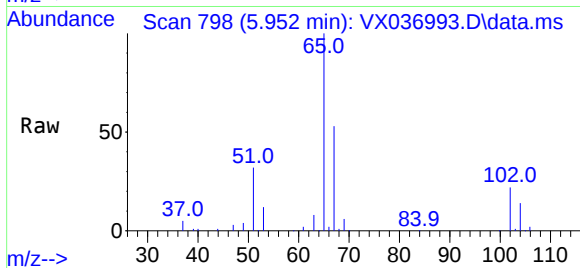
B-PP16

Tgt Ion: 65 Resp: 74444

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036993.D

Acq: 15 Aug 2023 17:20

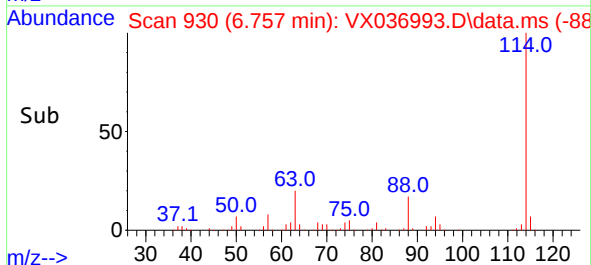
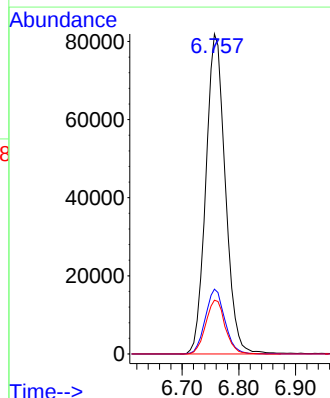
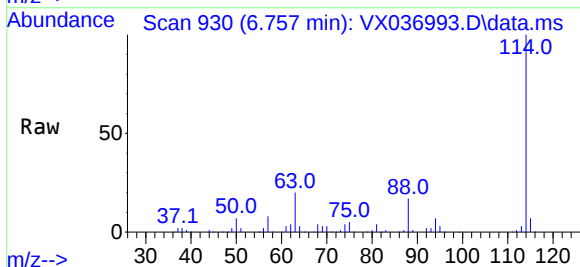
Tgt Ion: 114 Resp: 195203

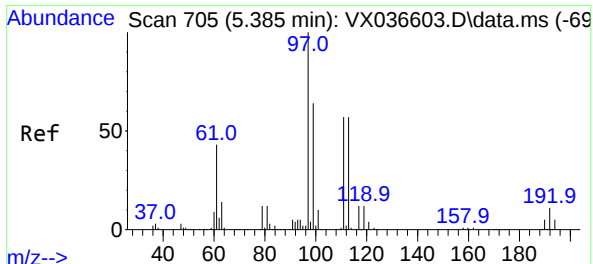
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.8 0.0 36.6

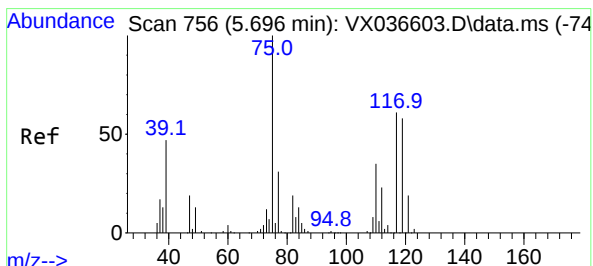
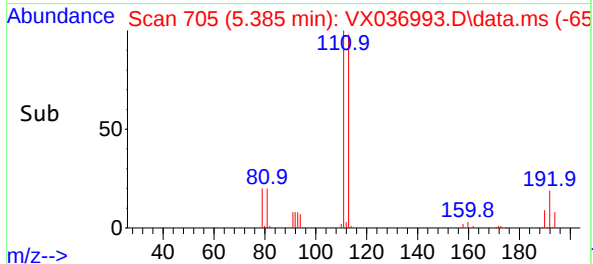
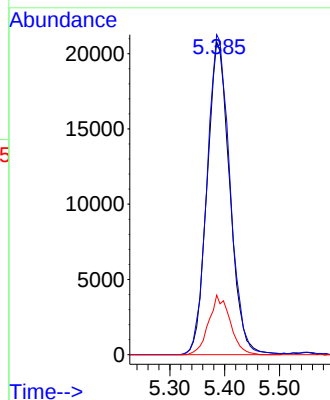
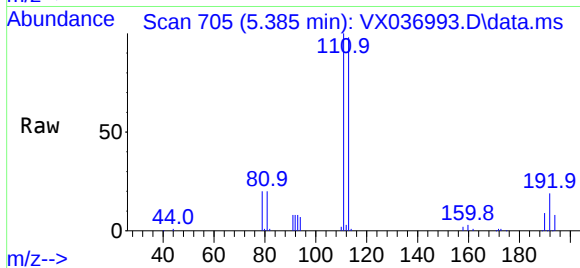




#35
Dibromofluoromethane
Concen: 44.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

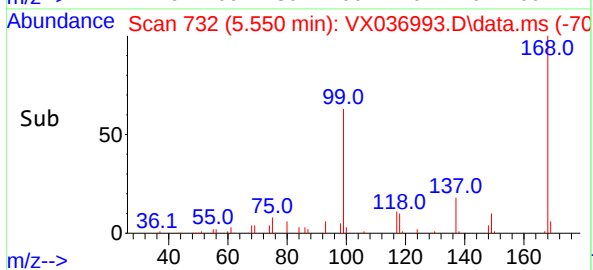
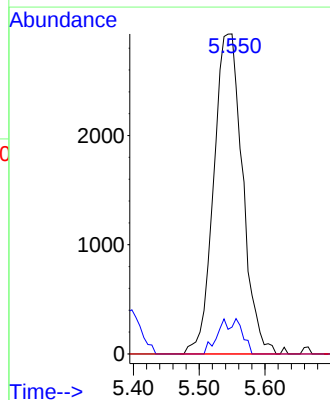
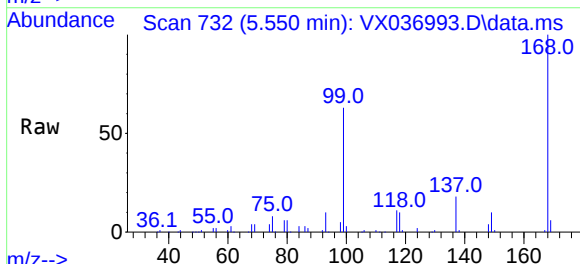
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

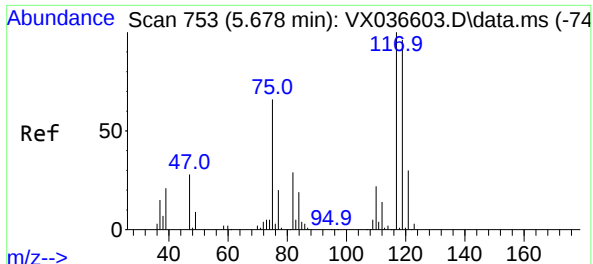
Tgt Ion:113 Resp: 59472
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 75 Resp: 8924
Ion Ratio Lower Upper
75 100
110 4.5 17.0 50.9#
77 0.0 24.7 37.1#

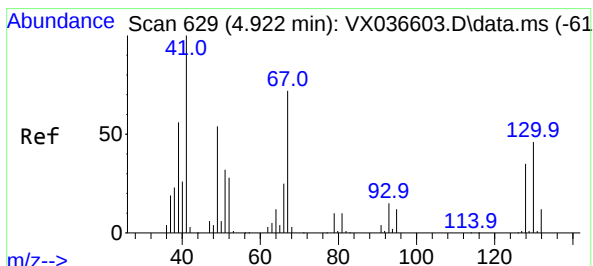
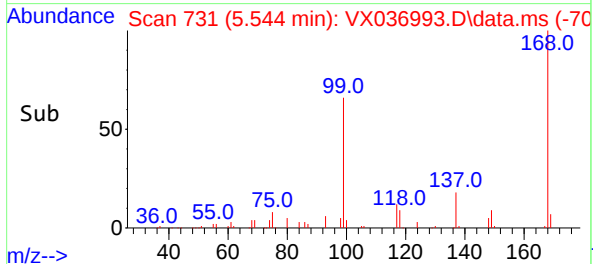
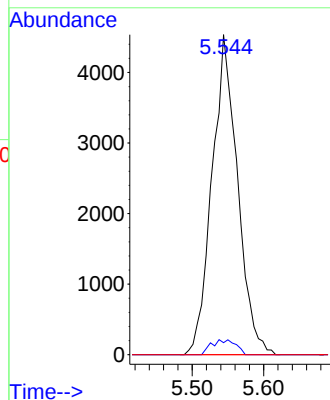
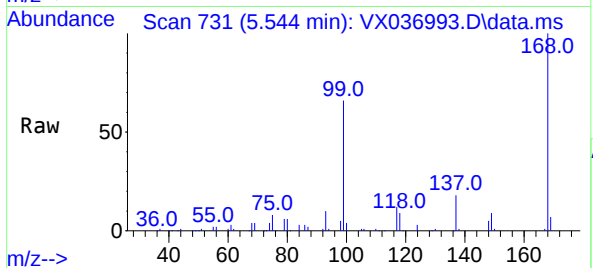




#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

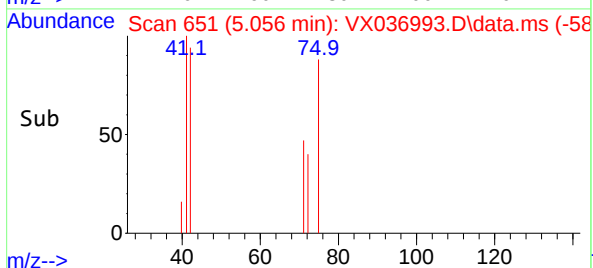
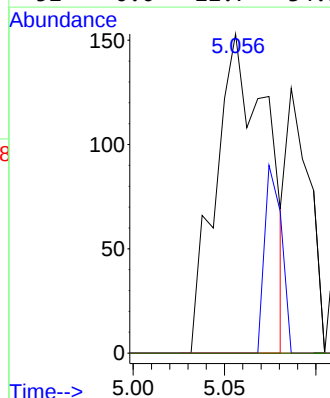
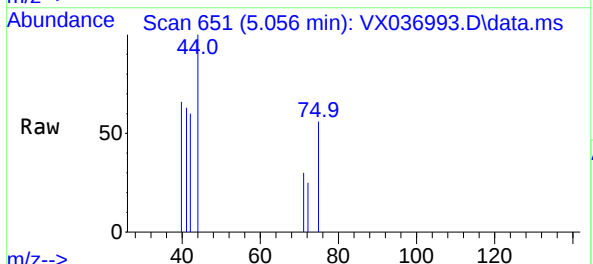
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

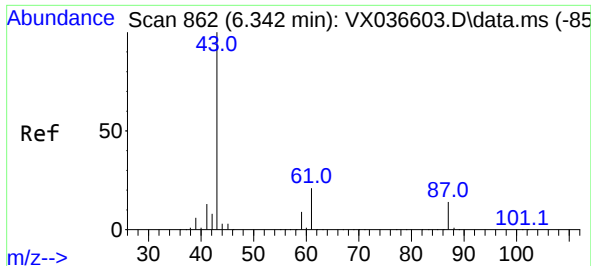
Tgt Ion:117 Resp: 11273
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.134 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 41 Resp: 301
Ion Ratio Lower Upper
41 100
39 19.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

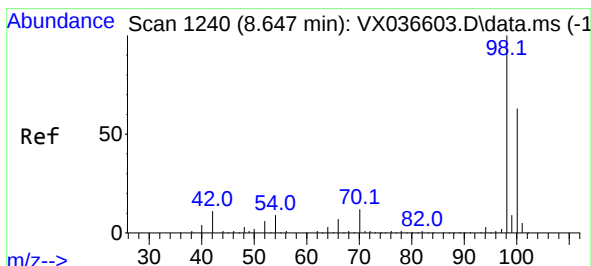
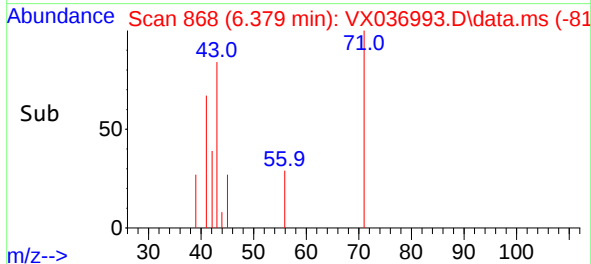
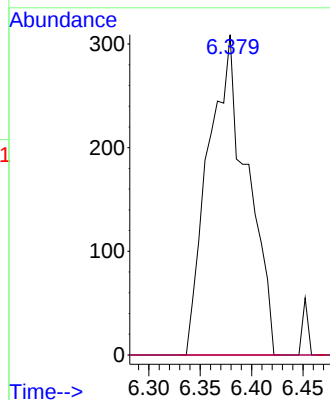
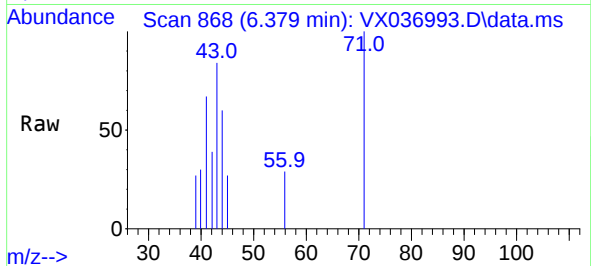




#43
Isopropyl Acetate
Concen: 0.210 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.037 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

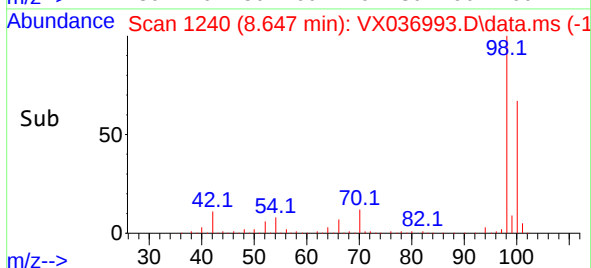
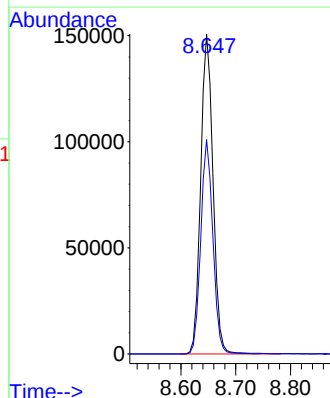
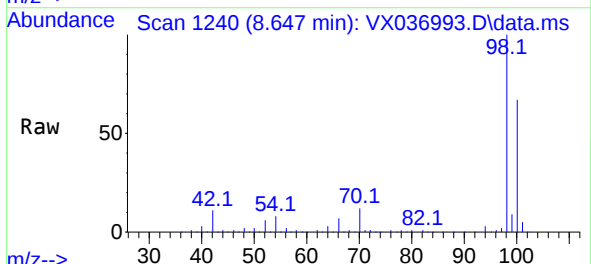
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

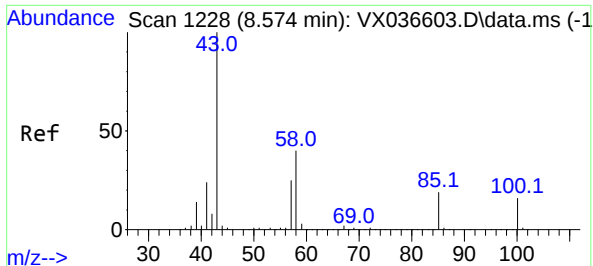
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 49.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 98 Resp: 235726
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

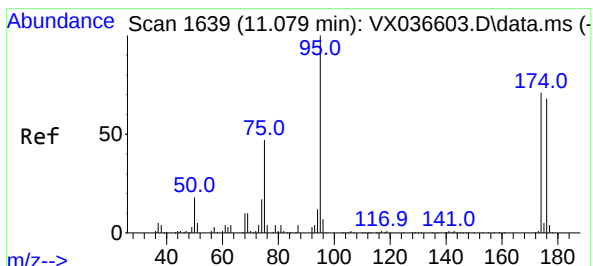
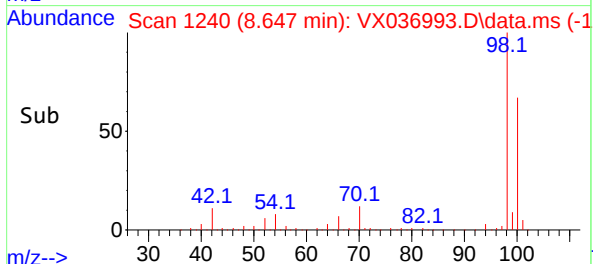
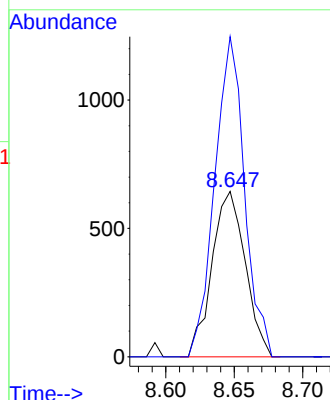
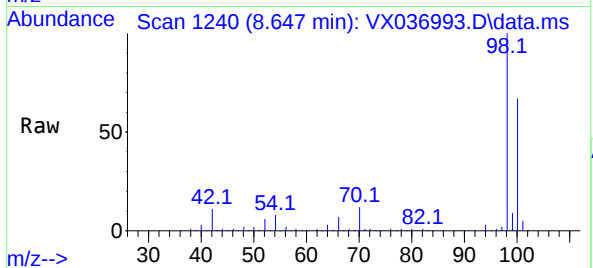




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

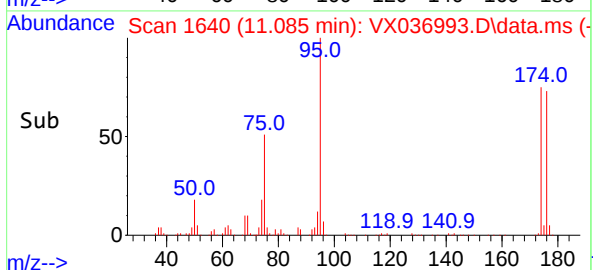
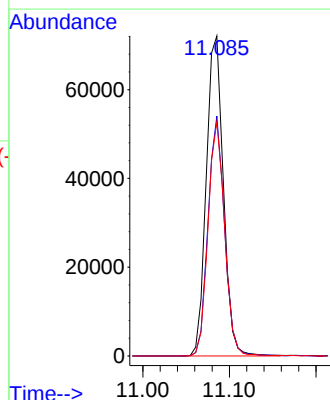
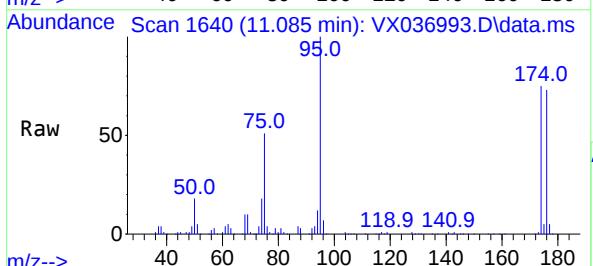
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

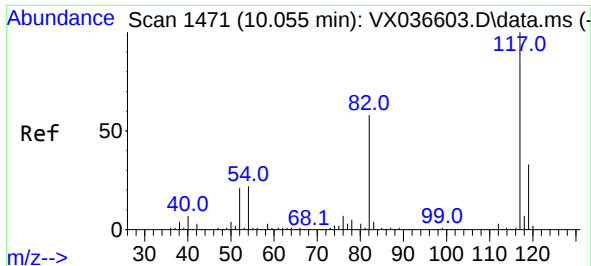
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 173.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 55.032 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 95 Resp: 98789
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.1 0.0 131.0

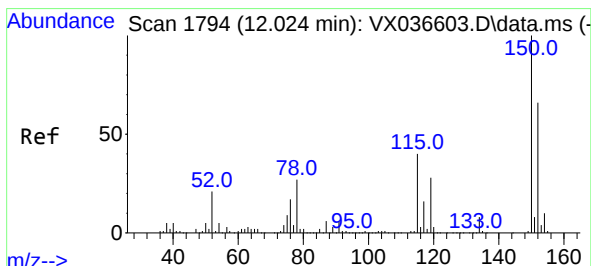
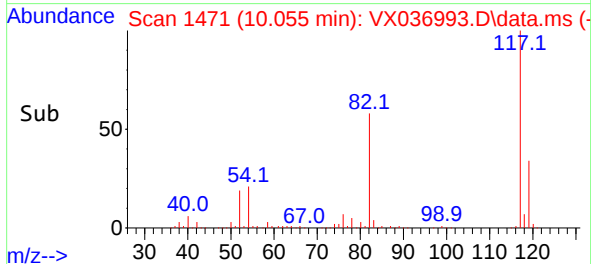
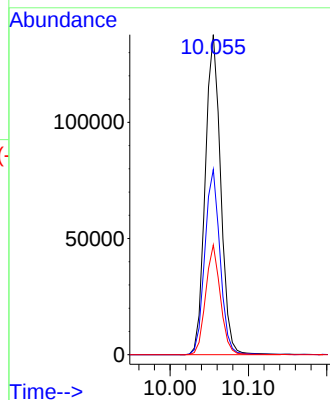
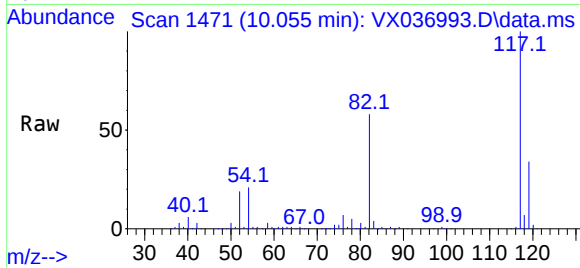




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

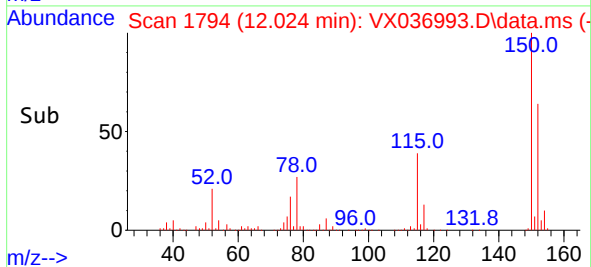
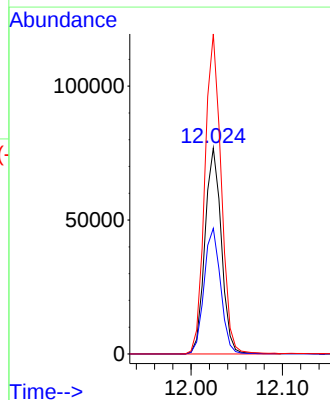
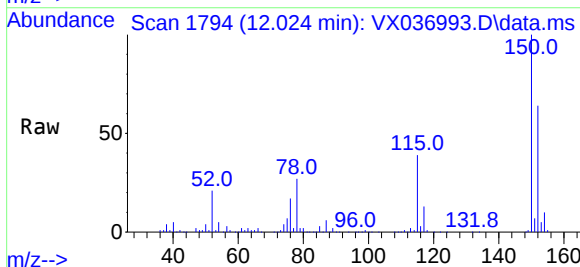
Instrument :
MSVOA_X
ClientSampleId :
B-PP16

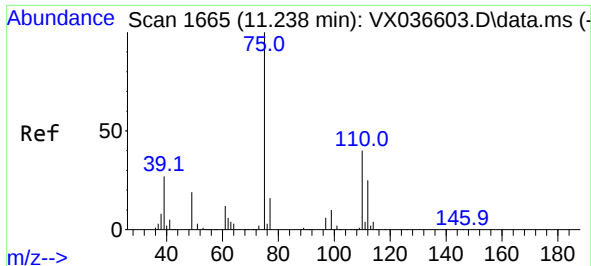
Tgt Ion:117 Resp: 188285
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 34.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion:152 Resp: 95648
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 154.8 0.0 345.0

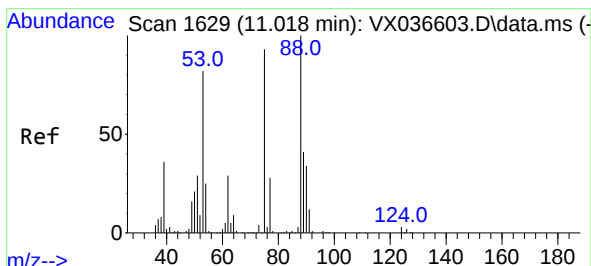
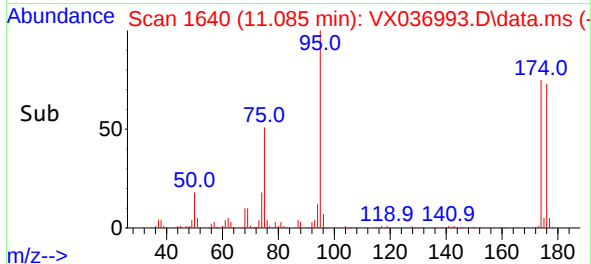
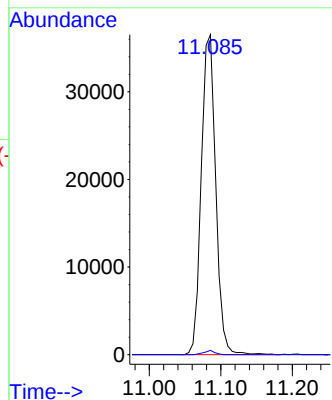
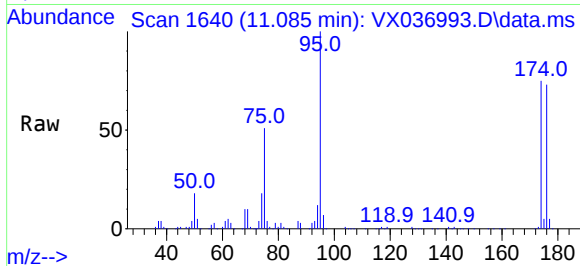




#76
1,2,3-Trichloropropane
Concen: 22.801 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Instrument :
MSVOA_X
ClientSampleId :
B-PP16

Tgt Ion: 75 Resp: 51297
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.680 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036993.D
Acq: 15 Aug 2023 17:20

Tgt Ion: 75 Resp: 51297
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

