

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037417.D
 Acq On : 31 Aug 2023 09:27
 Operator : JC/MD
 Sample : 04128-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 18:23:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

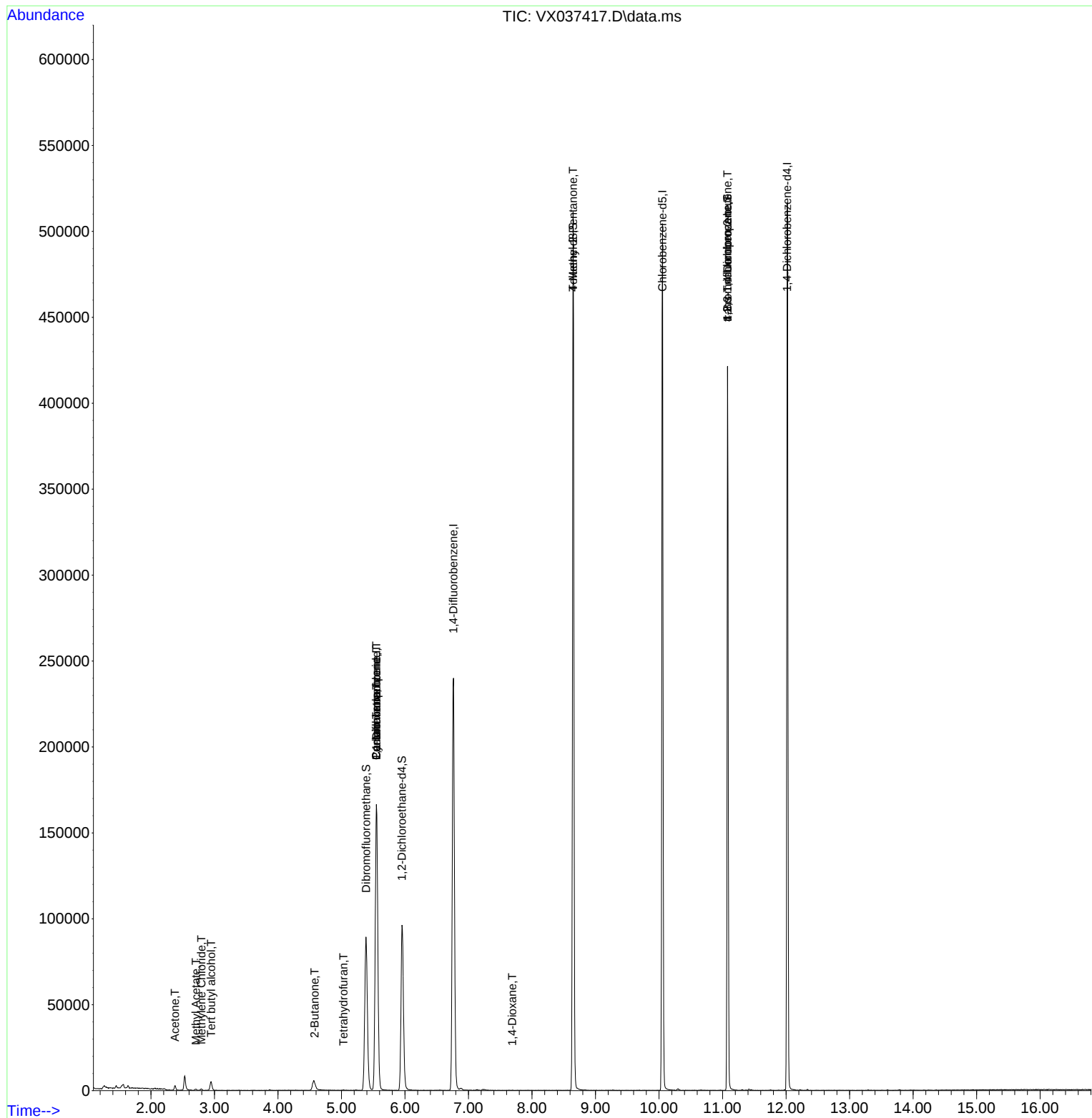
Internal Standards						
1) Pentafluorobenzene	5.550	168	156680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96808	42.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.720%		
35) Dibromofluoromethane	5.385	113	79508	46.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	304625	48.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.000%		
62) 4-Bromofluorobenzene	11.079	95	115030	47.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	3350	6.322	ug/l #	85
16) Acetone	2.380	43	2959	3.349	ug/l #	77
18) Methyl Acetate	2.709	43	819	0.246	ug/l	92
20) Methylene Chloride	2.794	84	471	0.238	ug/l #	71
25) 2-Butanone	4.574	43	281	0.211	ug/l #	51
29) Tetrahydrofuran	5.032	42	231	0.272	ug/l #	34
31) Cyclohexane	5.550	56	2980	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12332	5.064	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16433	6.212	ug/l #	15
49) 1,4-Dioxane	7.690	88	22	0.424	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1003	0.418	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56401	24.112	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56401	67.345	ug/l #	5

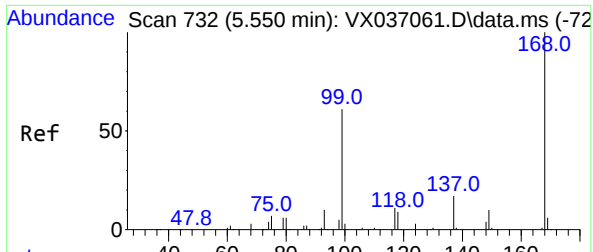
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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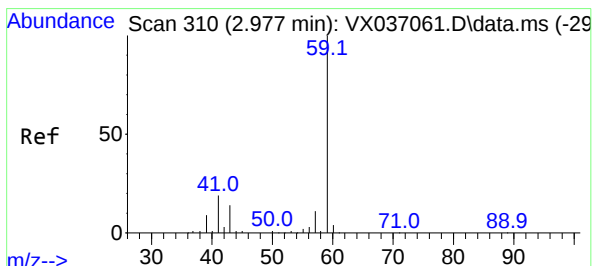
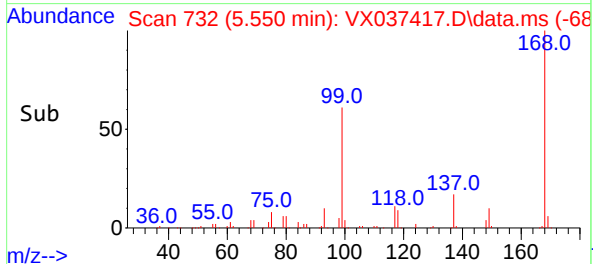
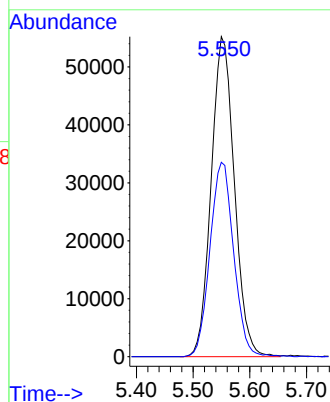
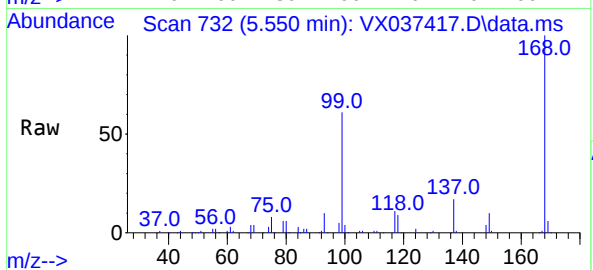




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

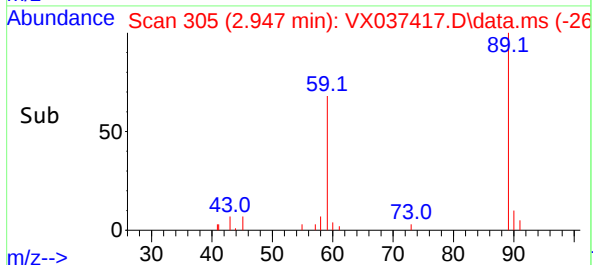
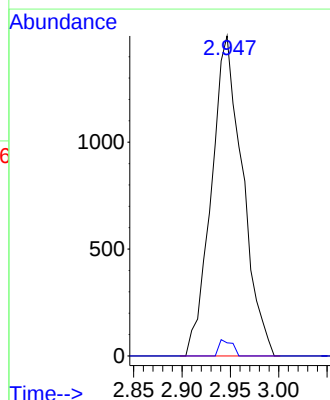
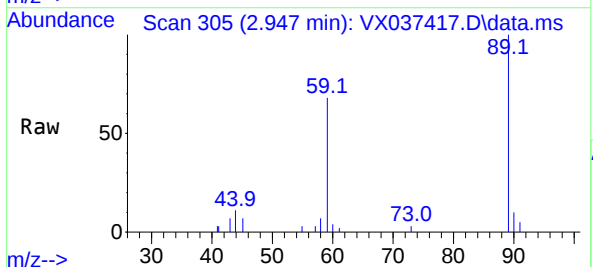
Instrument :
MSVOA_X
ClientSampleId :

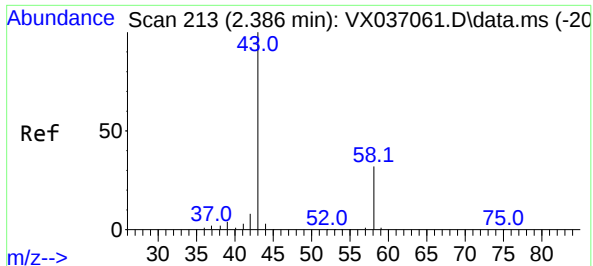
Tgt Ion:168 Resp: 156680
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.322 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Tgt Ion: 59 Resp: 3350
Ion Ratio Lower Upper
59 100
57 2.1 6.0 9.0#

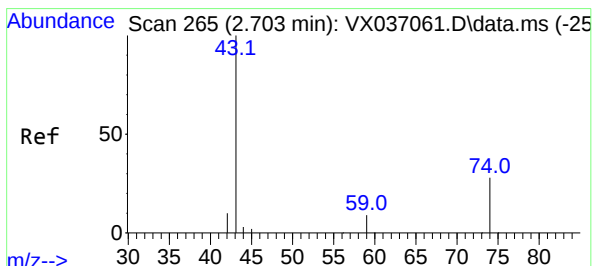
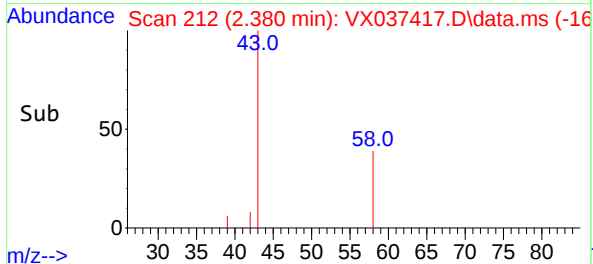
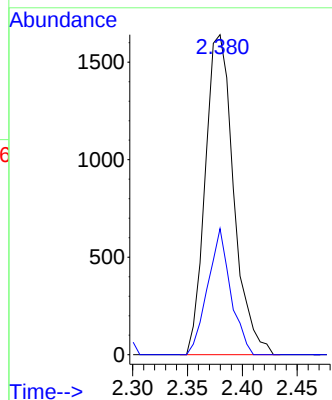
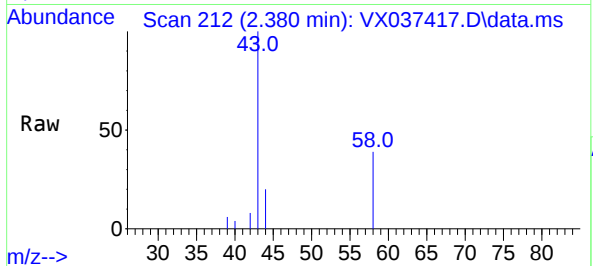




#16
Acetone
Concen: 3.349 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

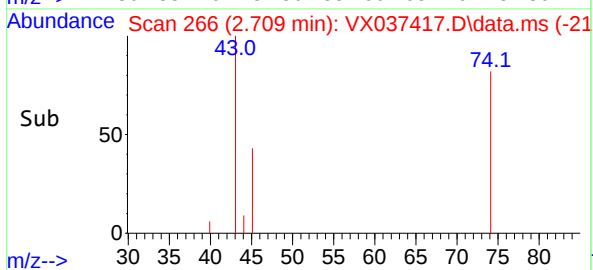
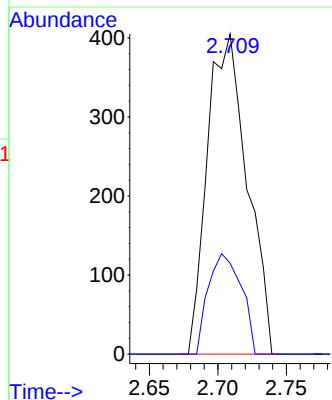
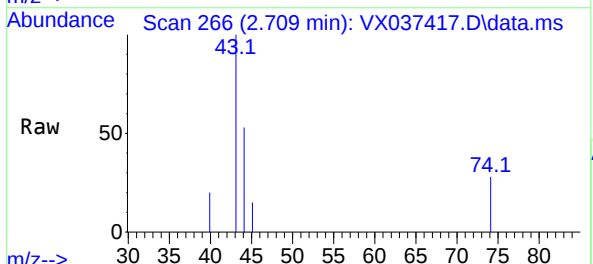
Instrument :
MSVOA_X
ClientSampleId :

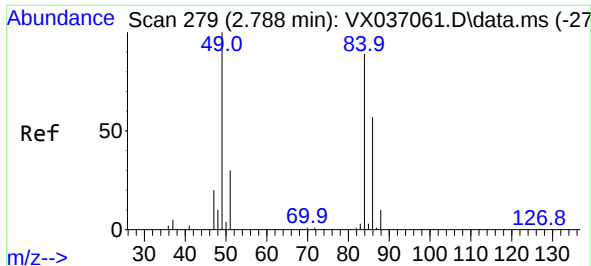
Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
58 39.4 21.9 32.9#



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

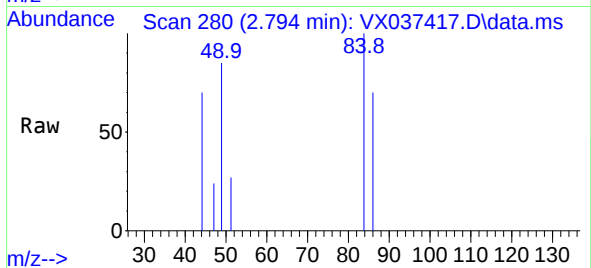
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8



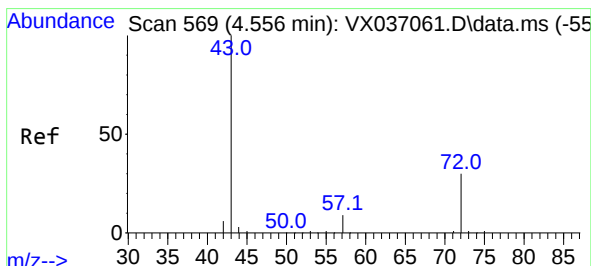
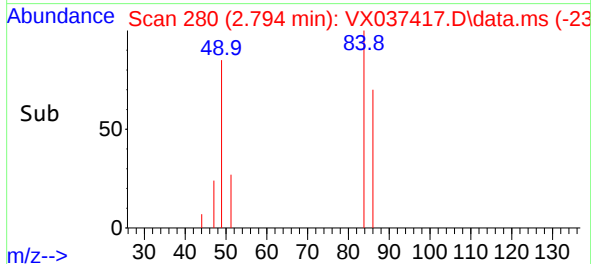
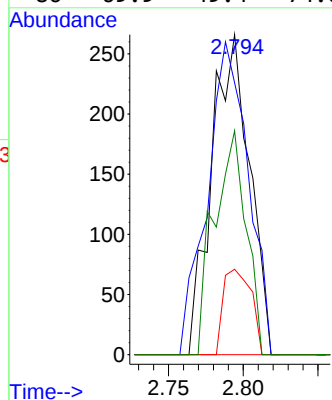


#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Instrument :
MSVOA_X
ClientSampleId :

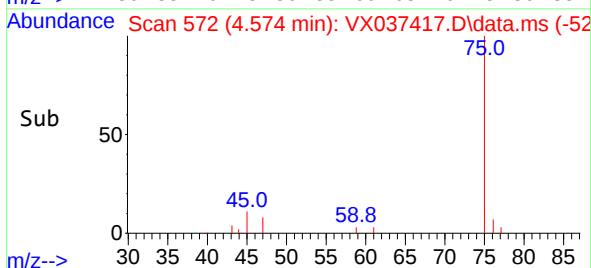
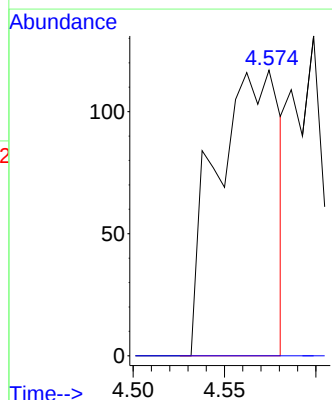
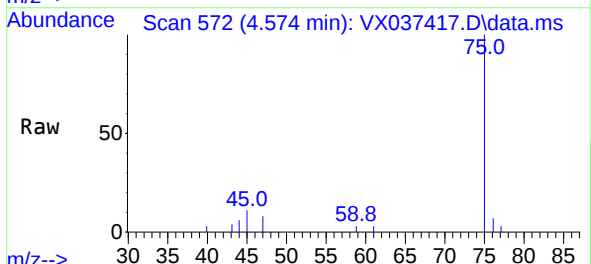


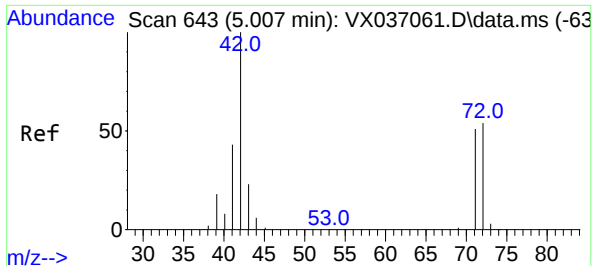
Tgt Ion: 84 Resp: 471
Ion Ratio Lower Upper
84 100
49 85.0 103.6 155.4#
51 26.7 33.8 50.6#
86 69.9 49.4 74.0



#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.272 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX037417.D

Acq: 31 Aug 2023 09:27

Instrument :

MSVOA_X

ClientSampleId :

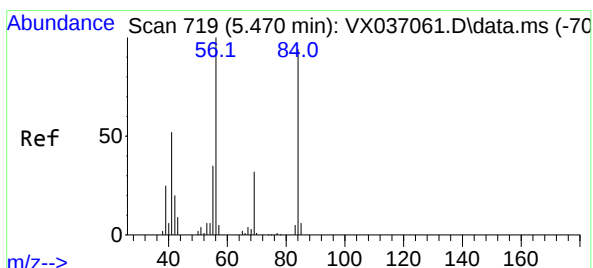
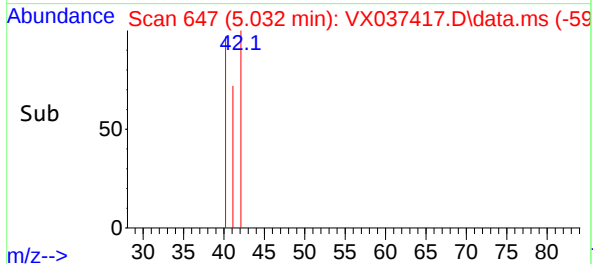
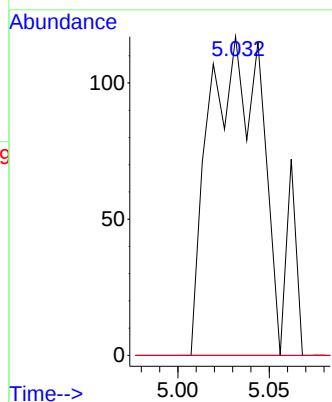
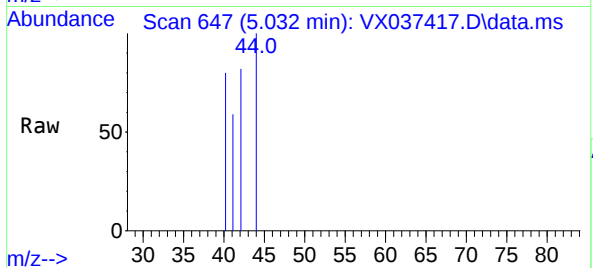
Tgt Ion: 42 Resp: 231

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037417.D

Acq: 31 Aug 2023 09:27

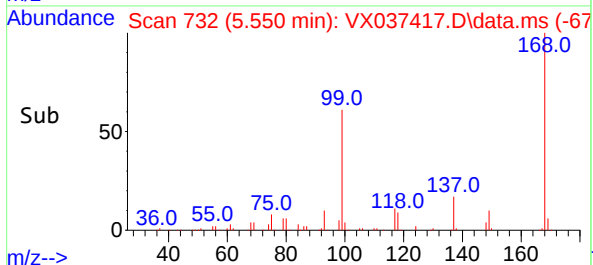
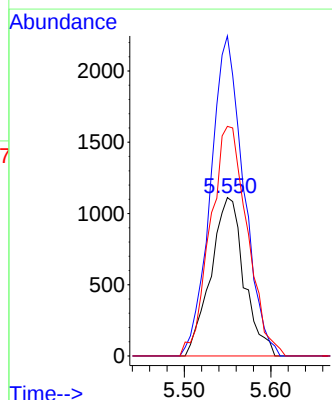
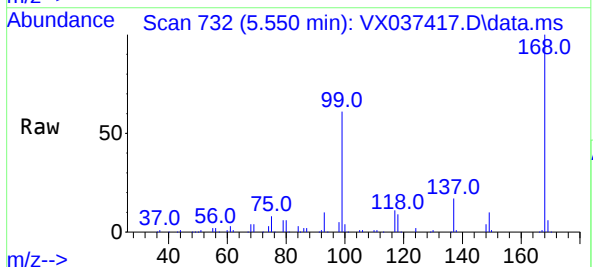
Tgt Ion: 56 Resp: 2980

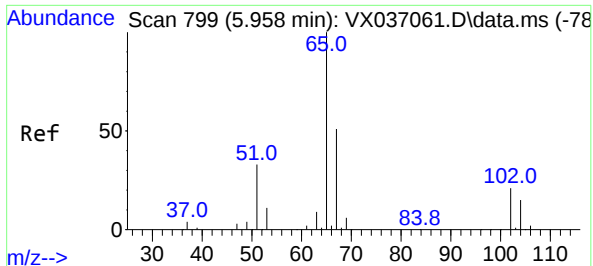
Ion Ratio Lower Upper

56 100

69 202.0 23.4 35.2#

84 150.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.858 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037417.D

Acq: 31 Aug 2023 09:27

Instrument :

MSVOA_X

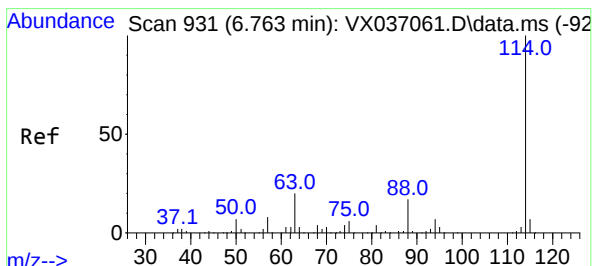
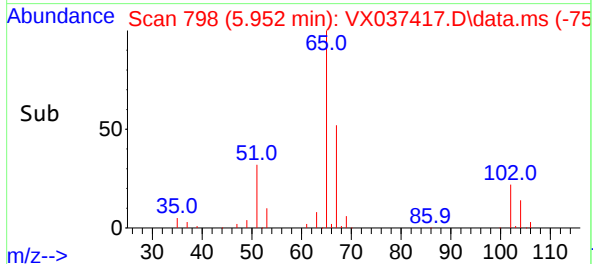
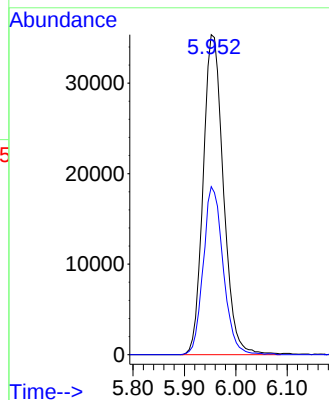
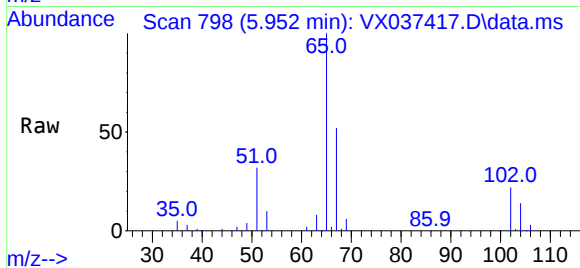
ClientSampleId :

Tgt Ion: 65 Resp: 96808

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037417.D

Acq: 31 Aug 2023 09:27

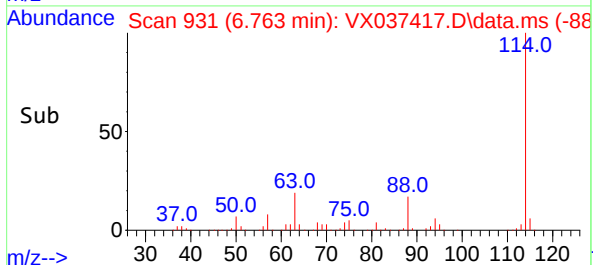
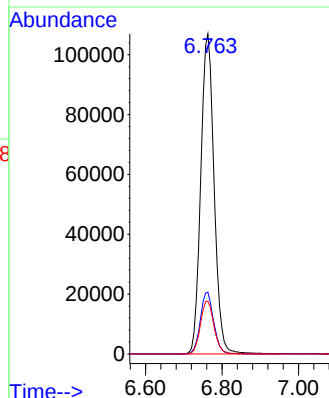
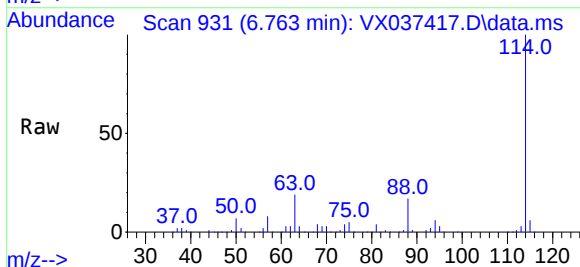
Tgt Ion:114 Resp: 258805

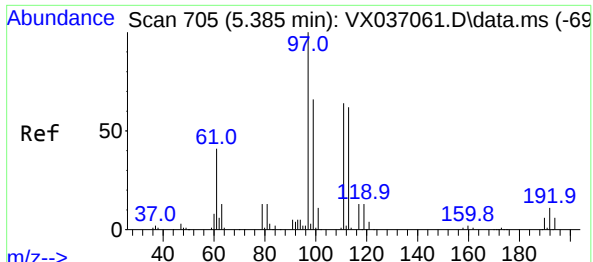
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

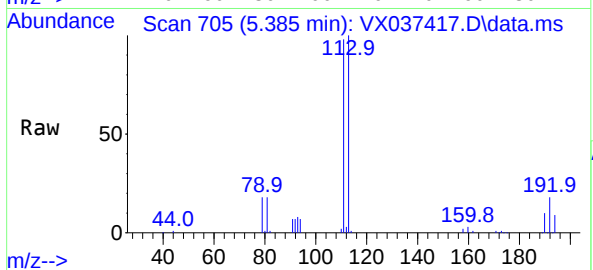
88 16.5 0.0 36.6



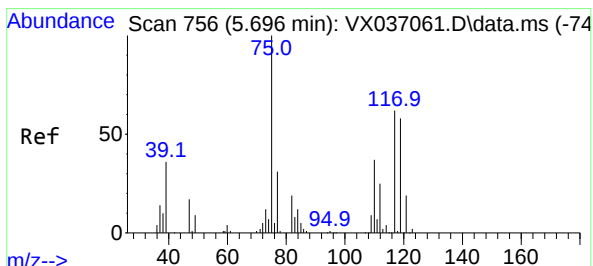
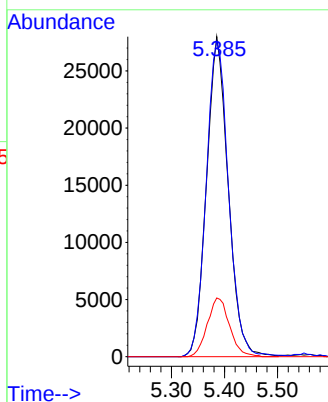
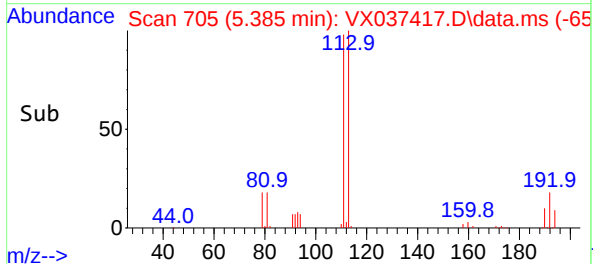


#35
Dibromofluoromethane
Concen: 46.387 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

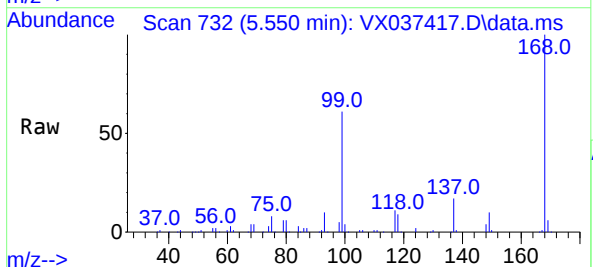
Instrument :
MSVOA_X
ClientSampleId :



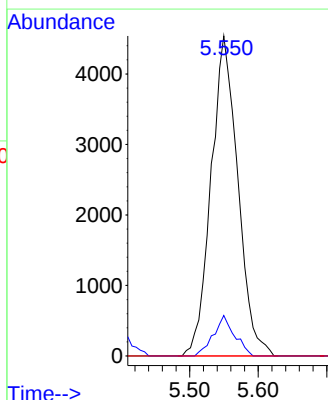
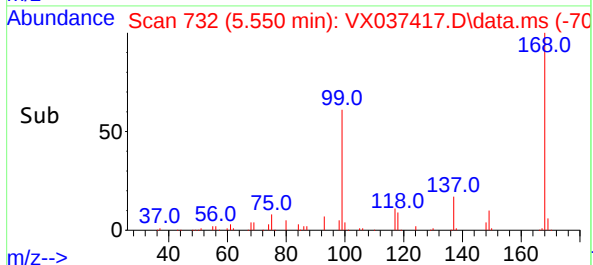
Tgt Ion:	113	Resp:	79508
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	18.8	13.3	19.9

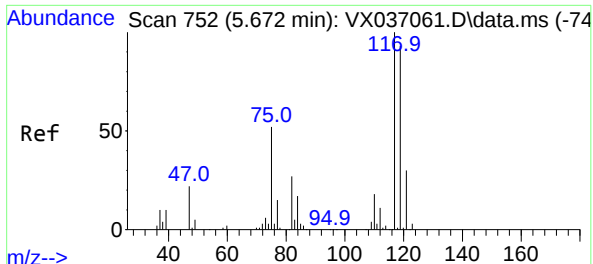


#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27



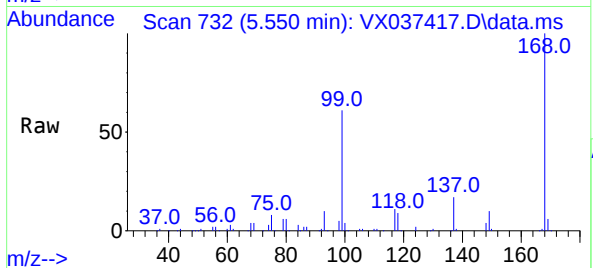
Tgt Ion:	75	Resp:	12332
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#



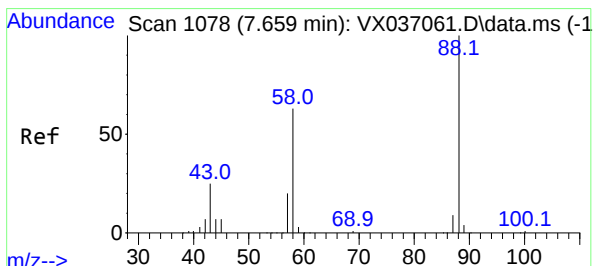
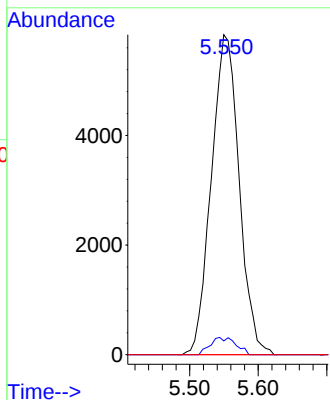
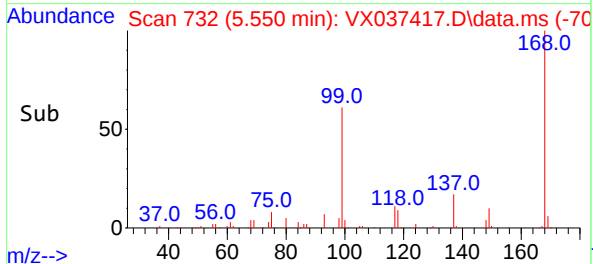


#38
Carbon Tetrachloride
Concen: 6.212 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

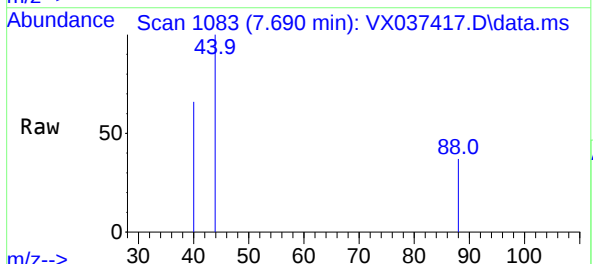
Instrument :
MSVOA_X
ClientSampleId :



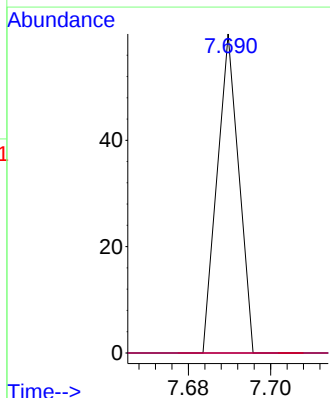
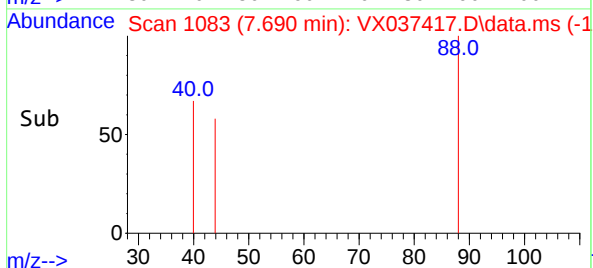
Tgt Ion:117 Resp: 16433
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

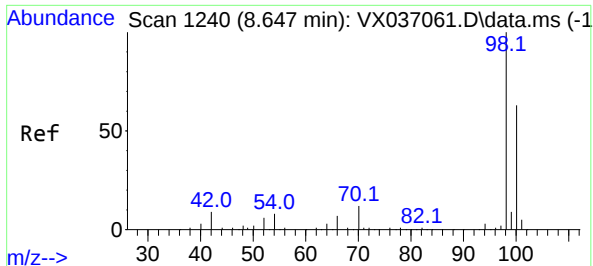


#49
1,4-Dioxane
Concen: 0.424 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27



Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

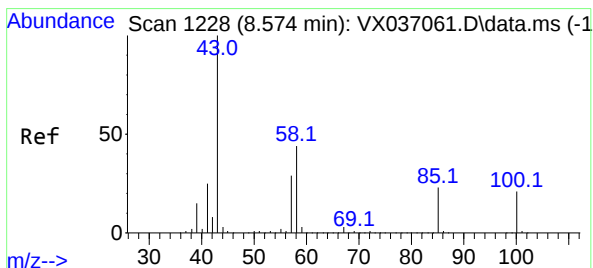
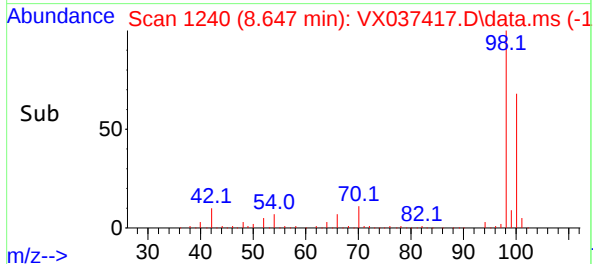
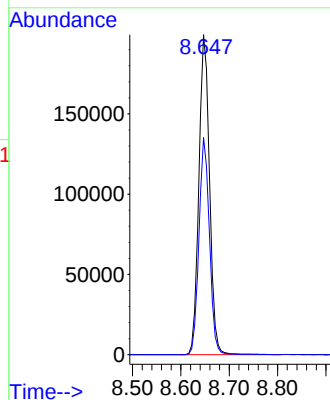
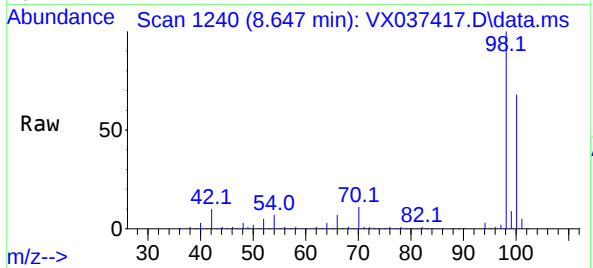




#50
Toluene-d8
Concen: 48.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

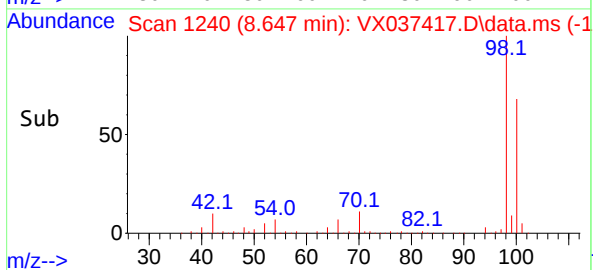
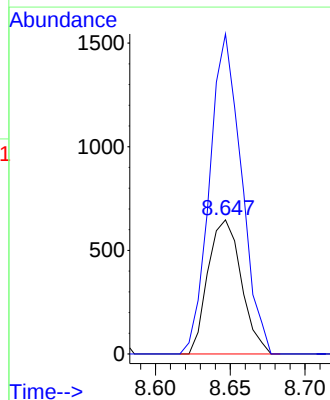
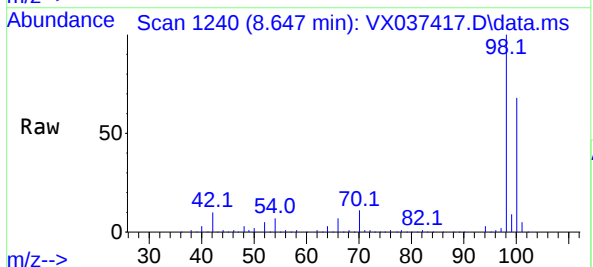
Instrument :
MSVOA_X
ClientSampleId :

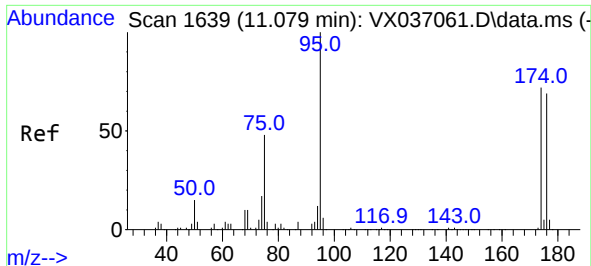
Tgt Ion: 98 Resp: 304625
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 228.3 30.4 45.6#

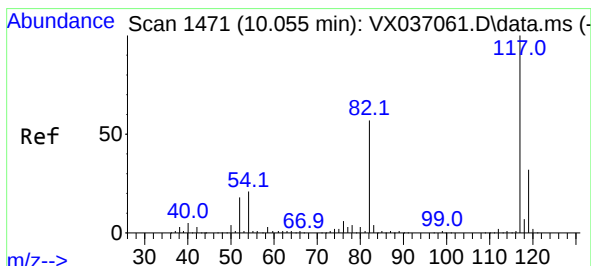
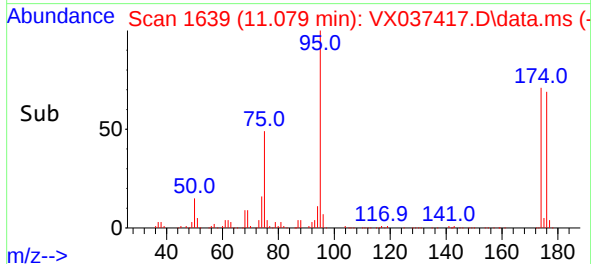
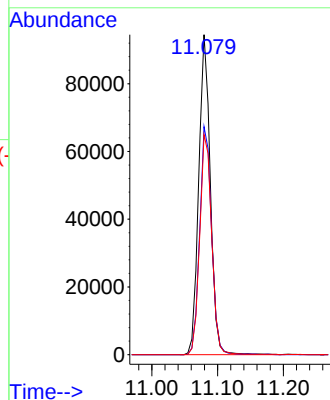
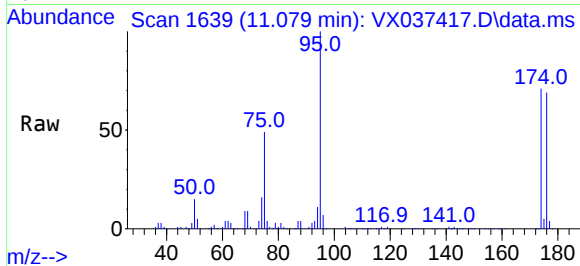




#62
4-Bromofluorobenzene
Concen: 47.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

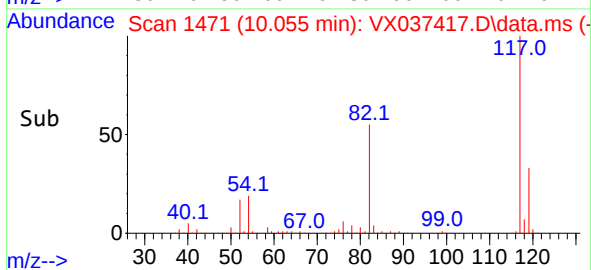
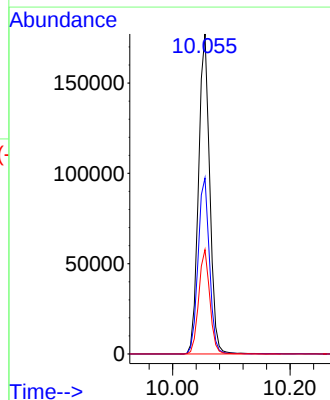
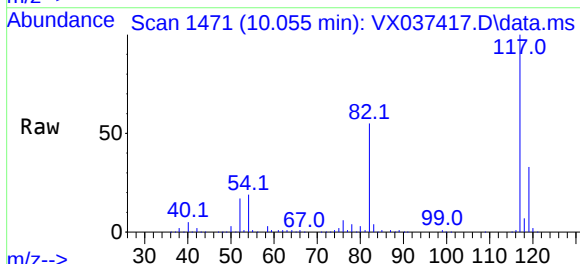
Instrument :
MSVOA_X
ClientSampleId :

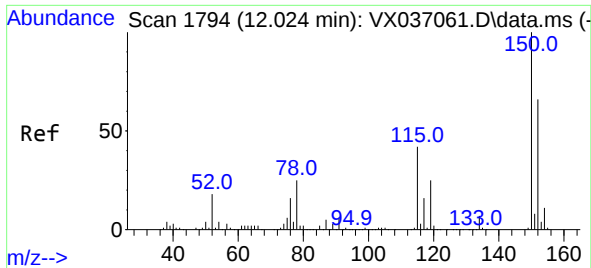
Tgt Ion: 95 Resp: 115030
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Tgt Ion: 117 Resp: 234252
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.6 25.5 38.3

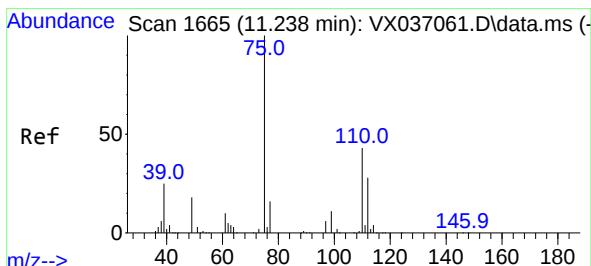
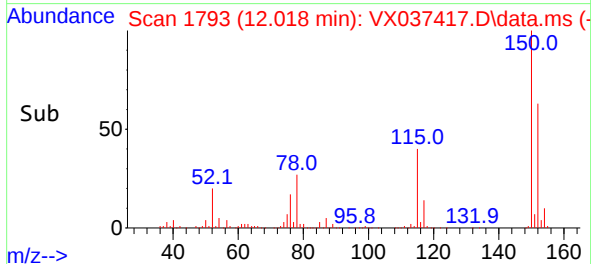
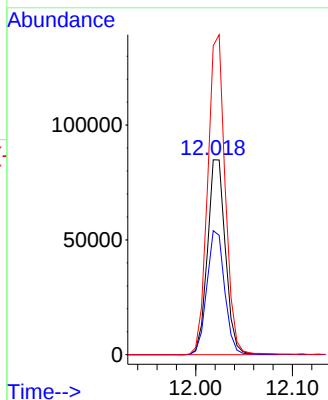
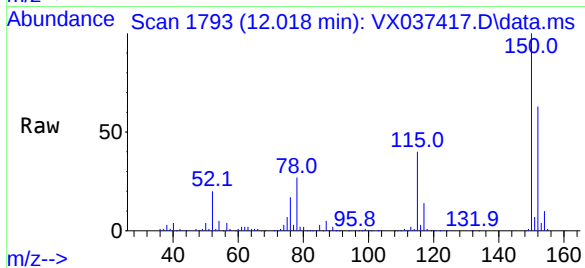




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX037417.D
 Acq: 31 Aug 2023 09:27

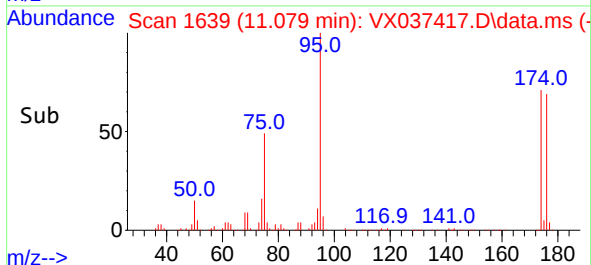
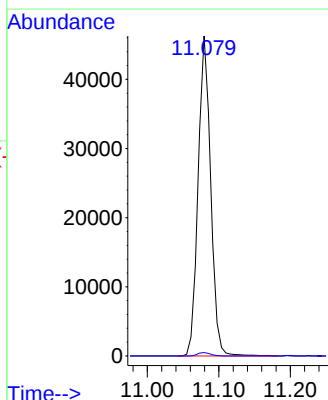
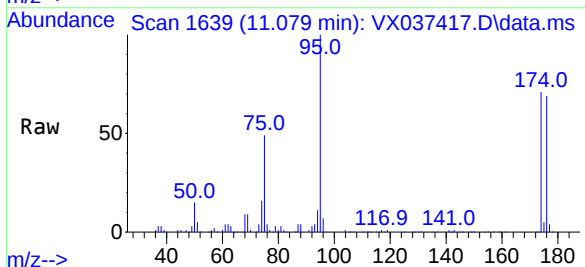
Instrument :
 MSVOA_X
 ClientSampleId :

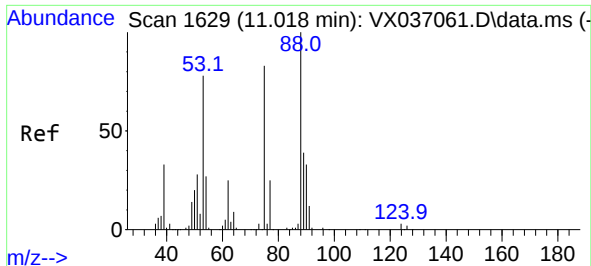
Tgt Ion:152 Resp: 109837
 Ion Ratio Lower Upper
 152 100
 115 63.2 43.3 129.9
 150 160.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.112 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037417.D
 Acq: 31 Aug 2023 09:27

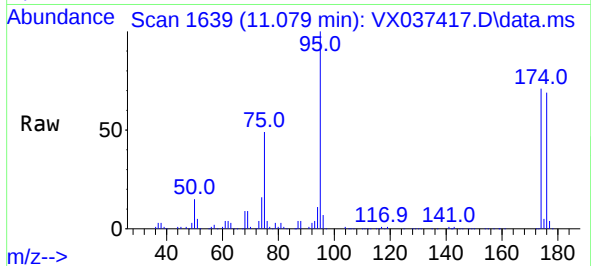
Tgt Ion: 75 Resp: 56401
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.345 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037417.D
Acq: 31 Aug 2023 09:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 56401
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

