

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036989.D
 Acq On : 15 Aug 2023 15:44
 Operator : JC/MD
 Sample : 03989-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 16:53:35 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)

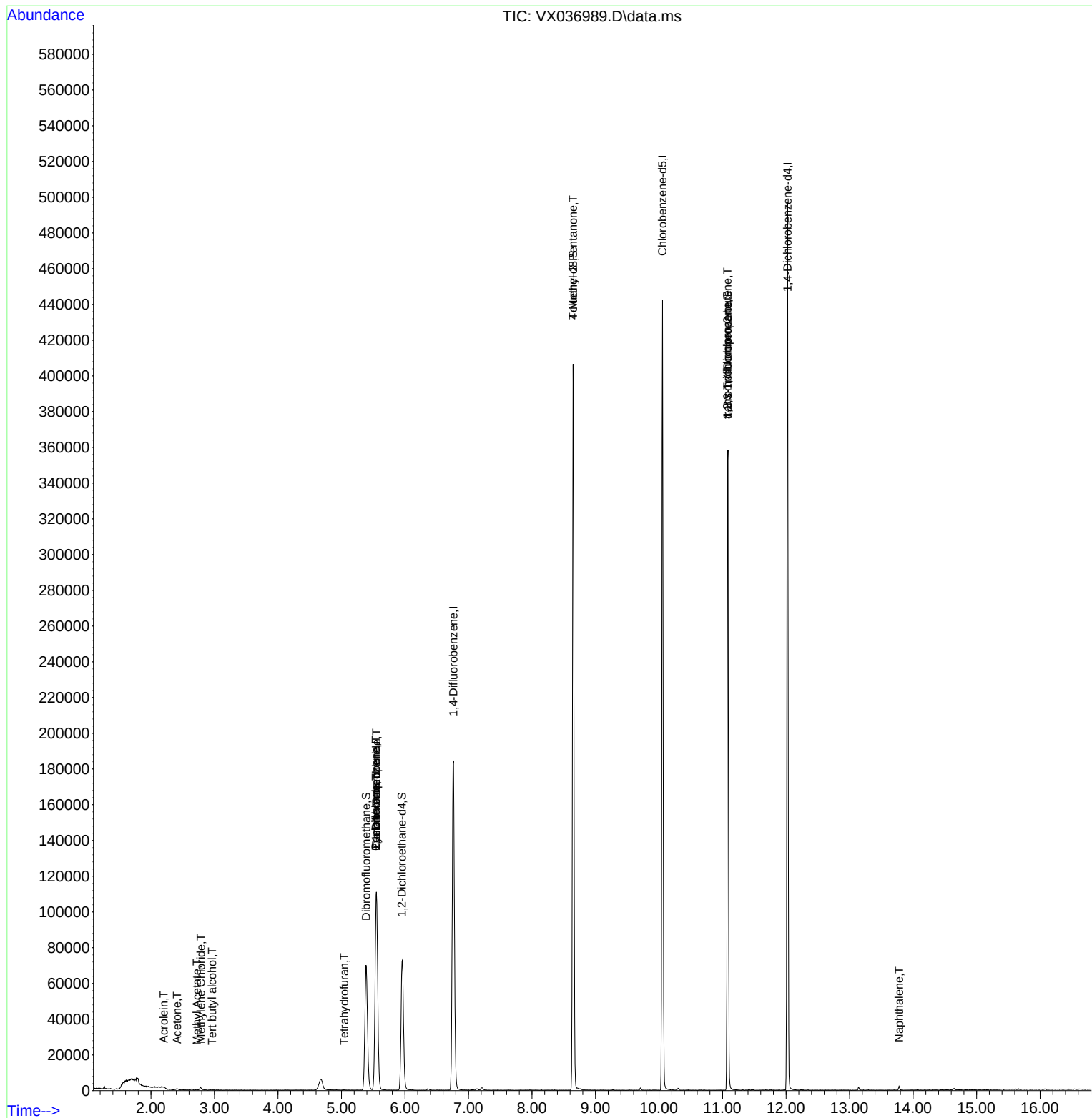
Internal Standards						
1) Pentafluorobenzene	5.543	168	103510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73984	48.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.620%
35) Dibromofluoromethane	5.385	113	61284	45.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.560%
50) Toluene-d8	8.647	98	236042	49.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	101745	56.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	111	0.306	ug/l #	78
13) Acrolein	2.203	56	85	0.411	ug/l	93
16) Acetone	2.410	43	953	1.499	ug/l #	88
18) Methyl Acetate	2.721	43	538	0.201	ug/l #	53
20) Methylene Chloride	2.788	84	961	0.680	ug/l #	66
29) Tetrahydrofuran	5.044	42	193	0.290	ug/l #	34
31) Cyclohexane	5.543	56	2342	1.104	ug/l #	16
36) 1,1-Dichloropropene	5.543	75	8620	4.320	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11263	5.310	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1024	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52686	22.178	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52686	50.269	ug/l #	5
95) Naphthalene	13.780	128	1699	0.233	ug/l #	94

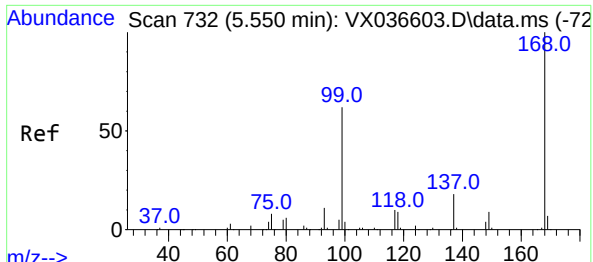
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
Data File : VX036989.D
Acq On : 15 Aug 2023 15:44
Operator : JC/MD
Sample : 03989-01ME
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

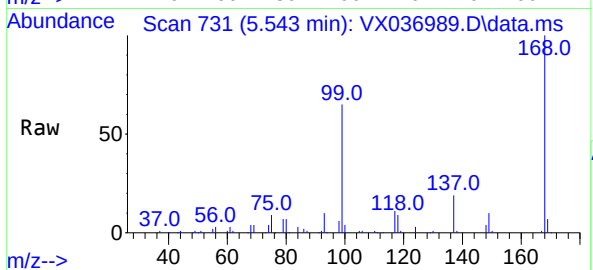
Quant Time: Aug 15 16:53:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



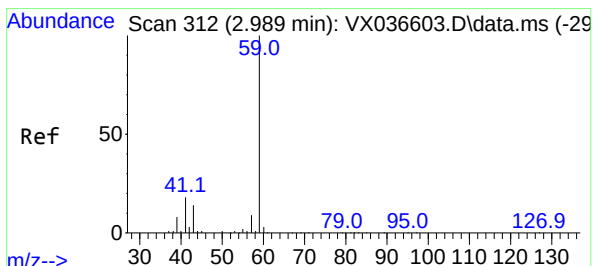
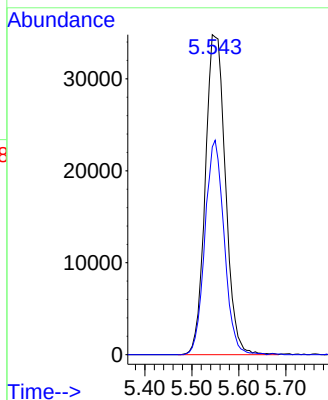
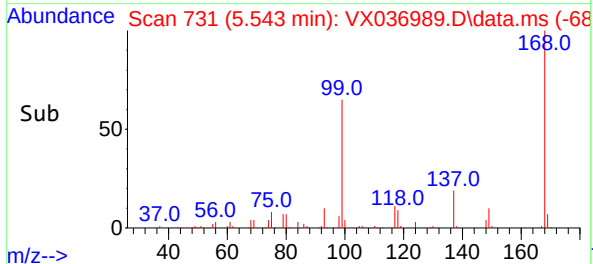


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :

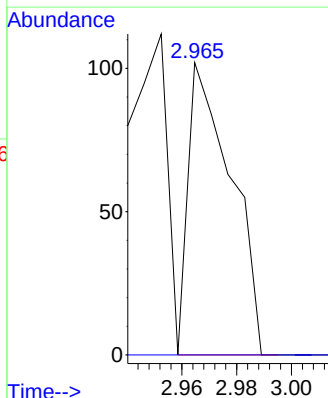
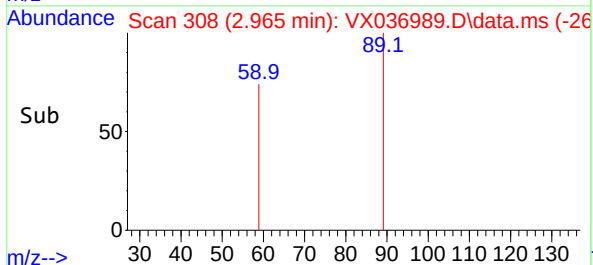
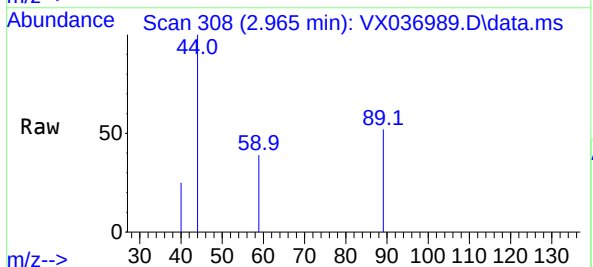


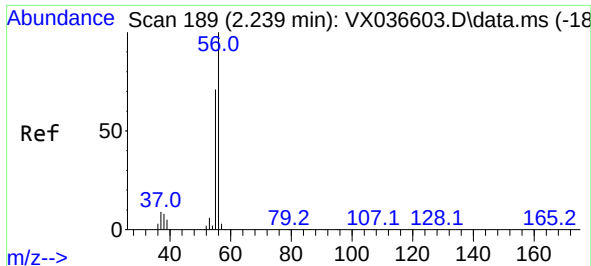
Tgt Ion:168 Resp: 103510
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.306 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

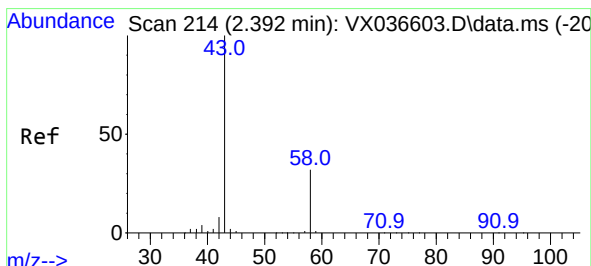
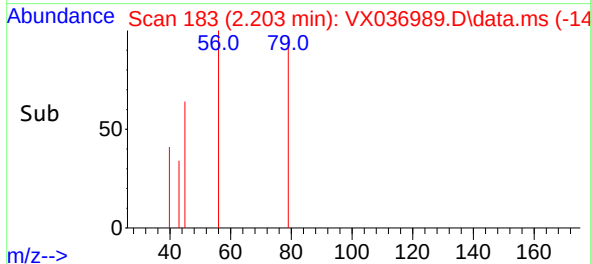
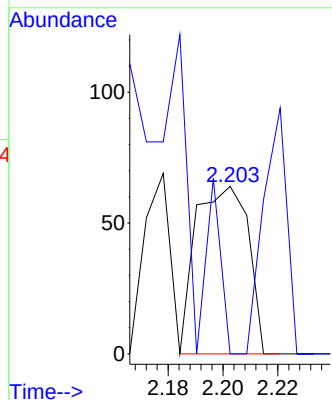
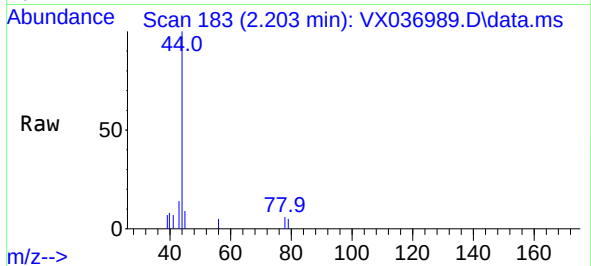




#13
Acrolein
Concen: 0.411 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

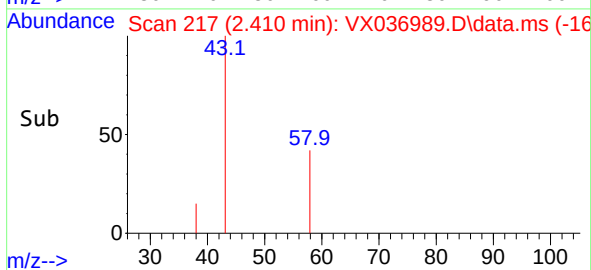
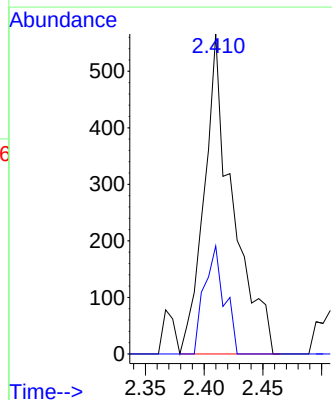
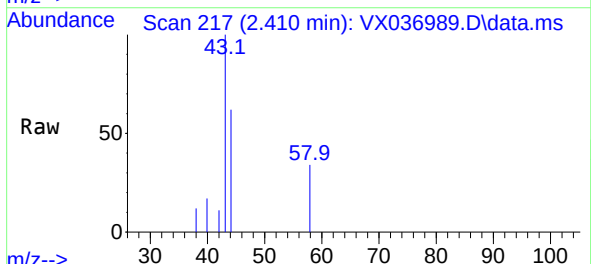
Instrument :
MSVOA_X
ClientSampleId :

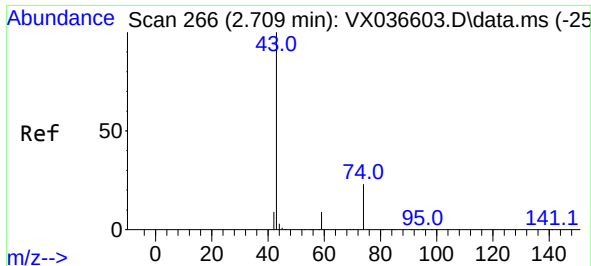
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 65.9 57.1 85.7



#16
Acetone
Concen: 1.499 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





#18

Methyl Acetate

Concen: 0.201 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

Instrument :

MSVOA_X

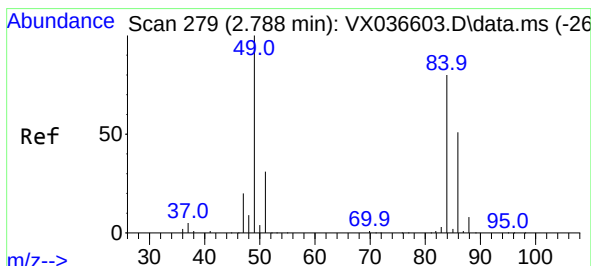
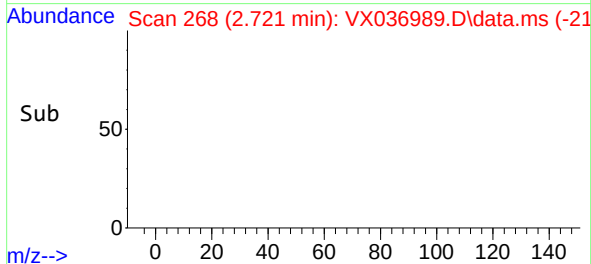
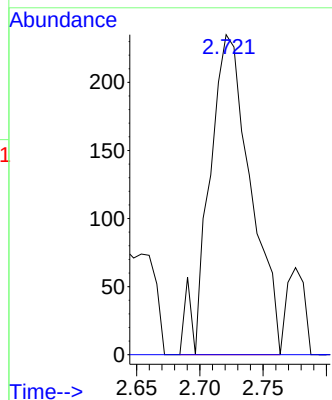
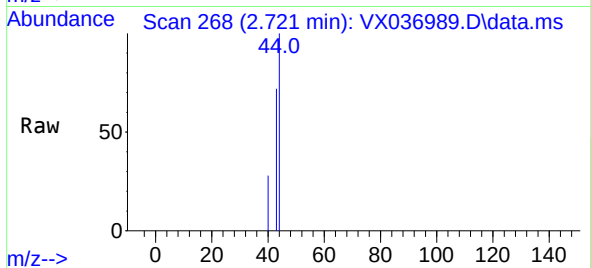
ClientSampleId :

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.680 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

Tgt Ion: 84 Resp: 961

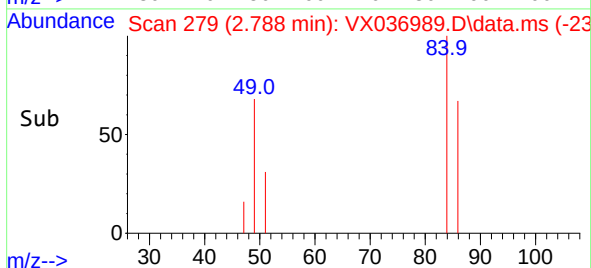
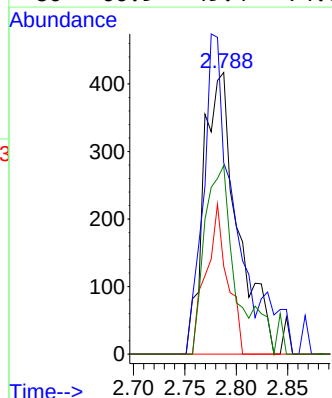
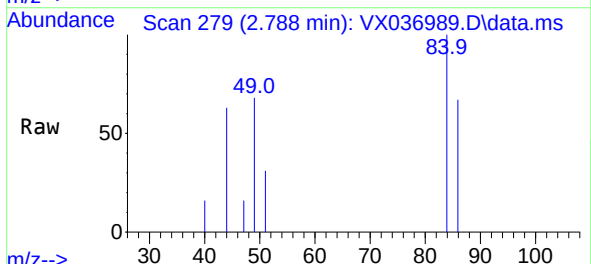
Ion Ratio Lower Upper

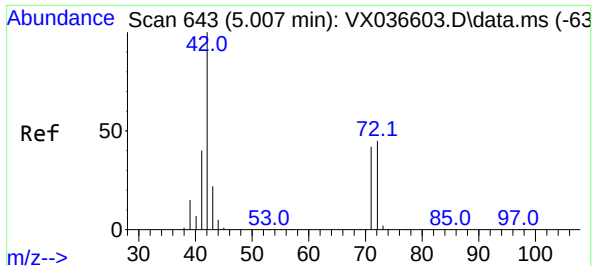
84 100

49 67.9 103.6 155.4#

51 31.2 33.8 50.6#

86 66.9 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.290 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.036 min

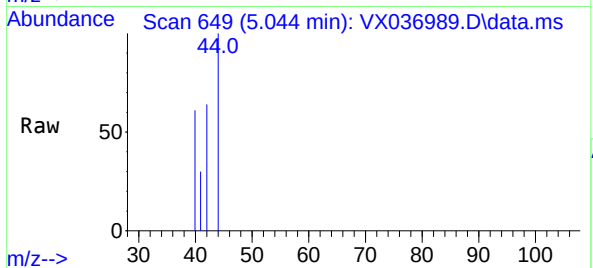
Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :



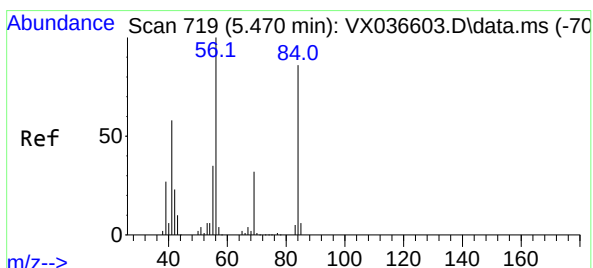
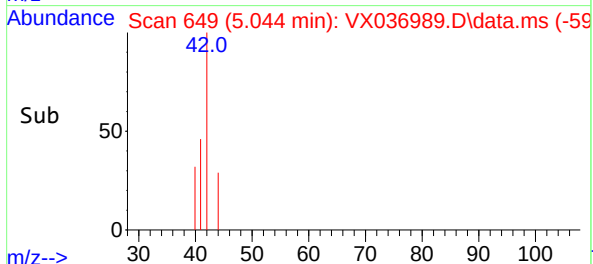
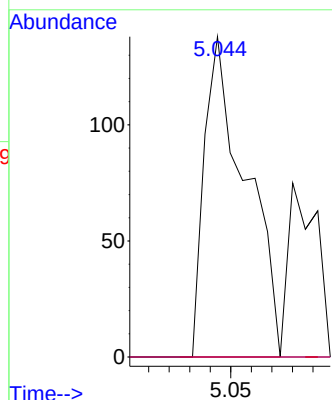
Tgt Ion: 42 Resp: 193

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.104 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

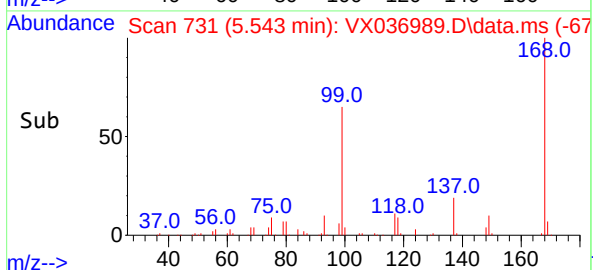
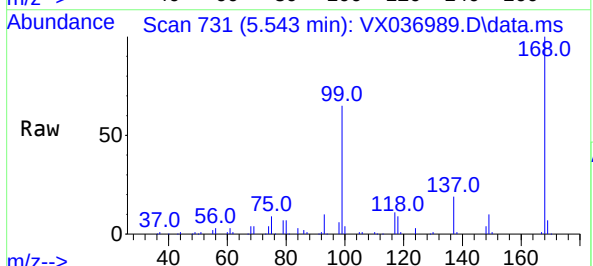
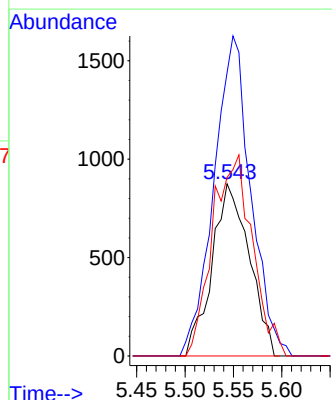
Tgt Ion: 56 Resp: 2342

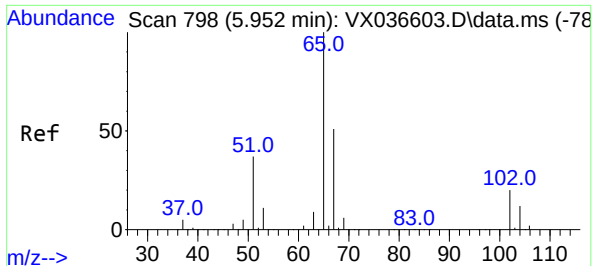
Ion Ratio Lower Upper

56 100

69 164.6 23.4 35.2#

84 103.8 65.9 98.9#

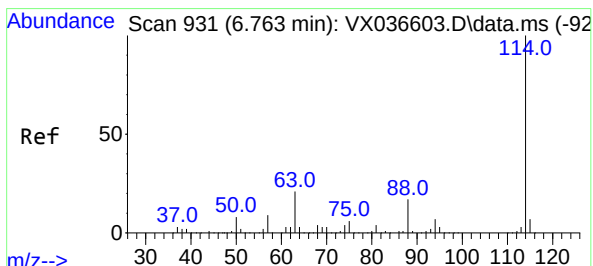
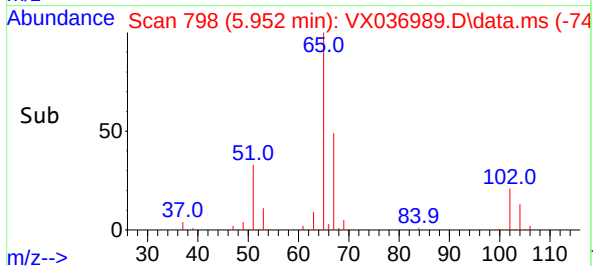
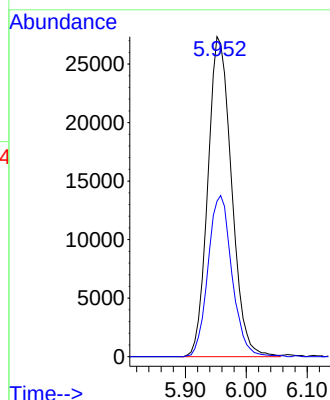
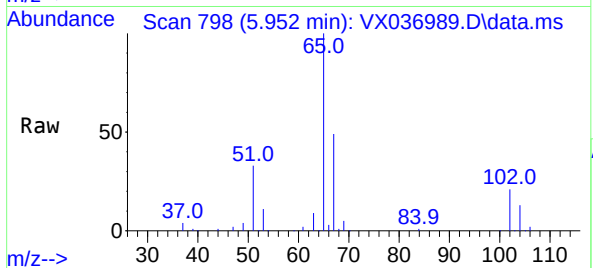




#33
 1,2-Dichloroethane-d4
 Concen: 48.306 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX036989.D
 Acq: 15 Aug 2023 15:44

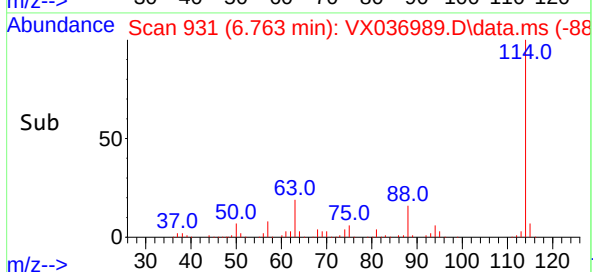
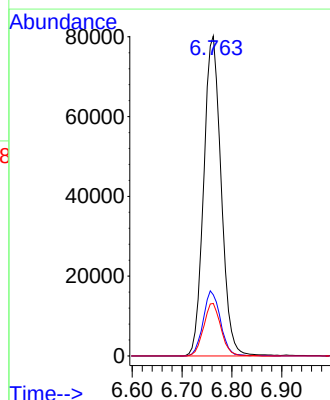
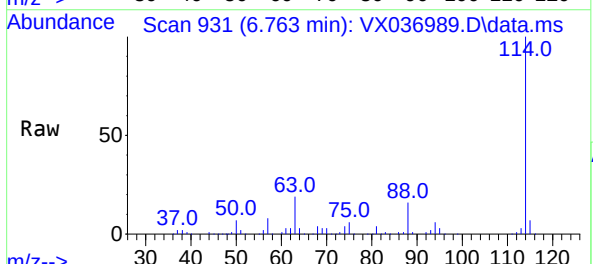
Instrument :
 MSVOA_X
 ClientSampleId :

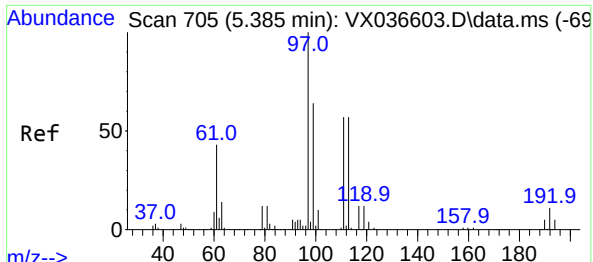
Tgt Ion: 65 Resp: 73984
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036989.D
 Acq: 15 Aug 2023 15:44

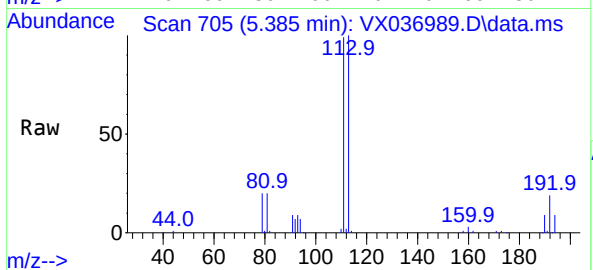
Tgt Ion: 114 Resp: 194749
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 16.4 0.0 36.6





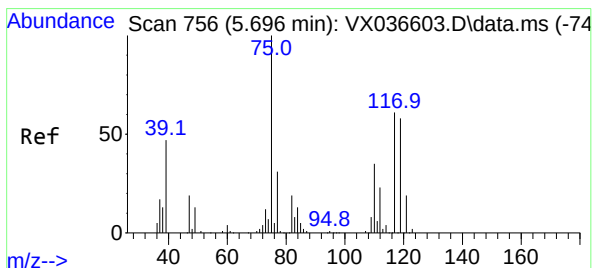
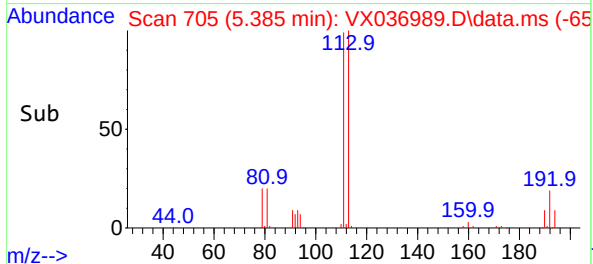
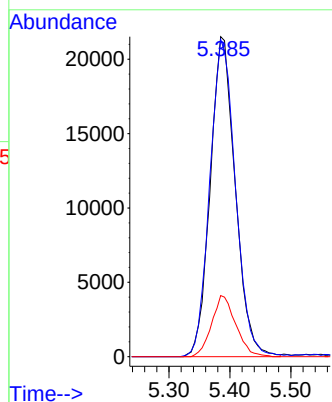
#35
Dibromofluoromethane
Concen: 45.782 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 61284

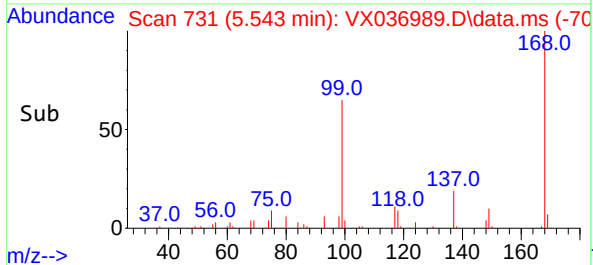
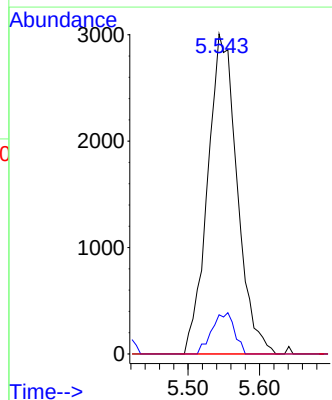
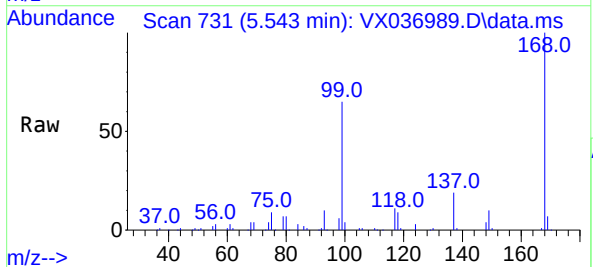
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	18.5	13.3	19.9

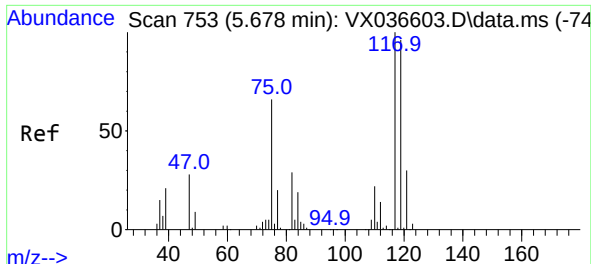


#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.153 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Tgt Ion: 75 Resp: 8620

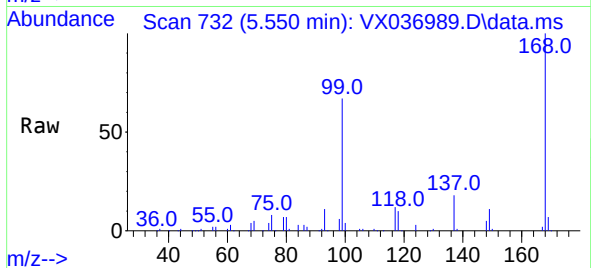
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#



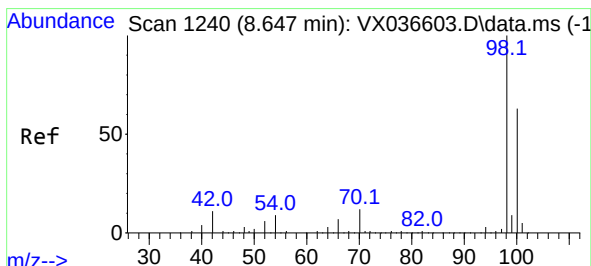
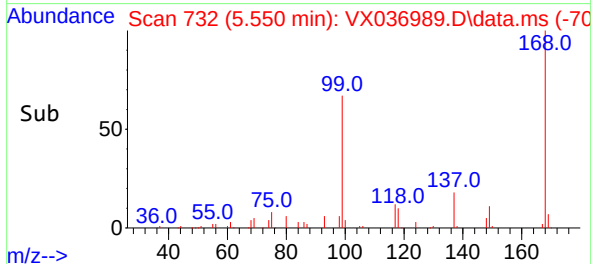
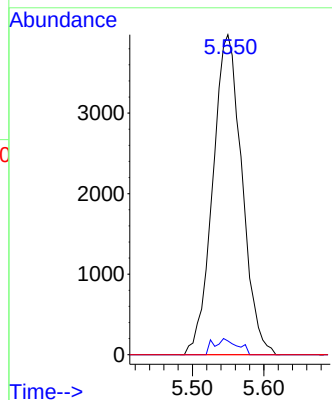


#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :

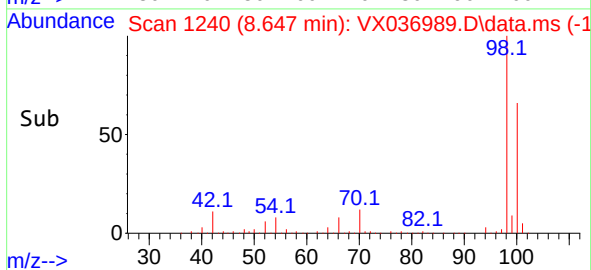
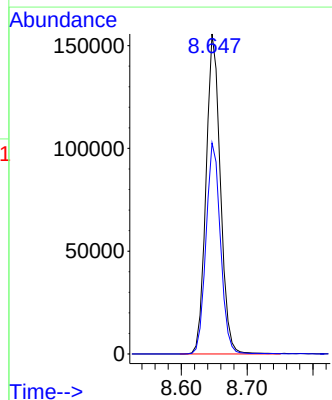
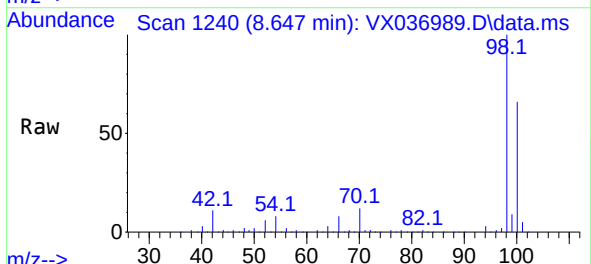


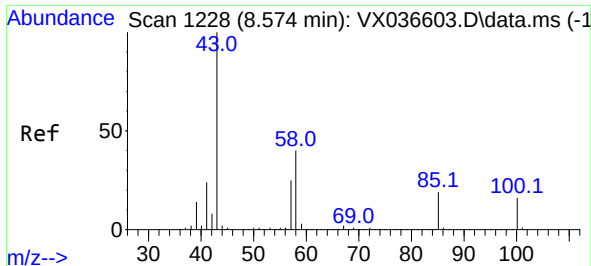
Tgt Ion:117 Resp: 11263
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Tgt Ion: 98 Resp: 236042
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.476 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

Instrument :

MSVOA_X

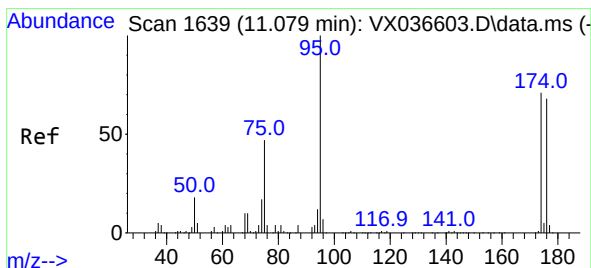
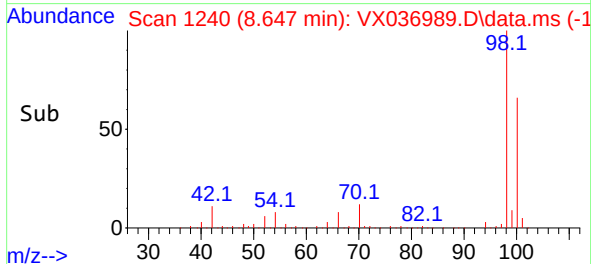
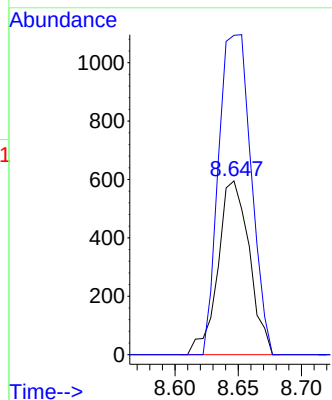
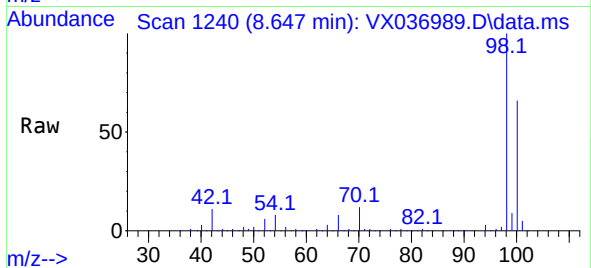
ClientSampleId :

Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

58 191.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 56.811 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036989.D

Acq: 15 Aug 2023 15:44

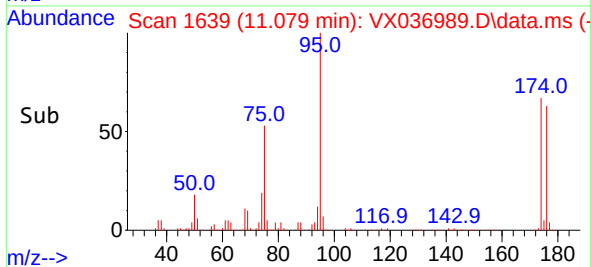
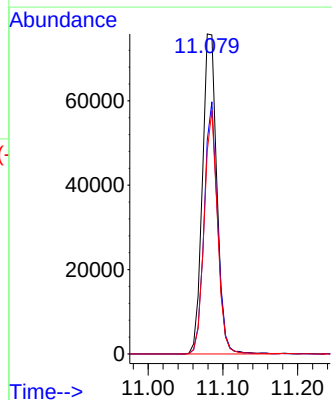
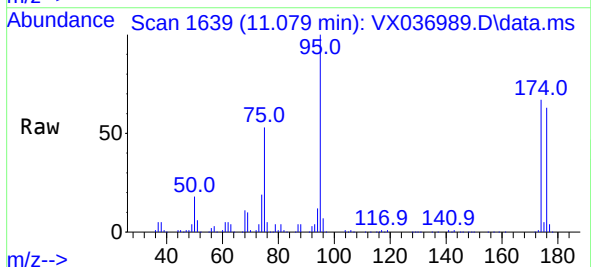
Tgt Ion: 95 Resp: 101745

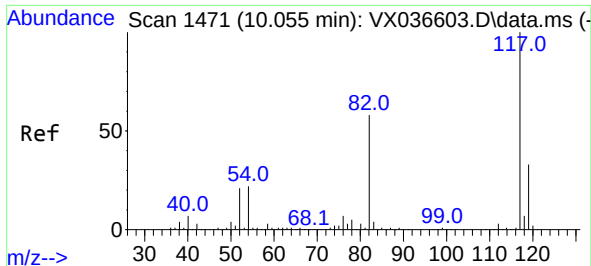
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

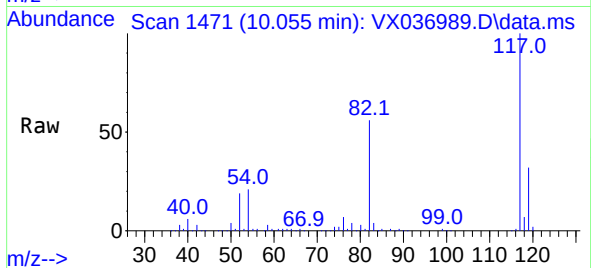
176 70.2 0.0 131.0



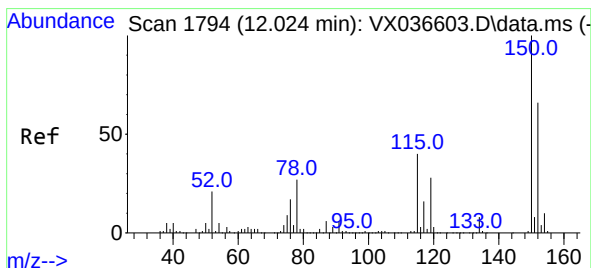
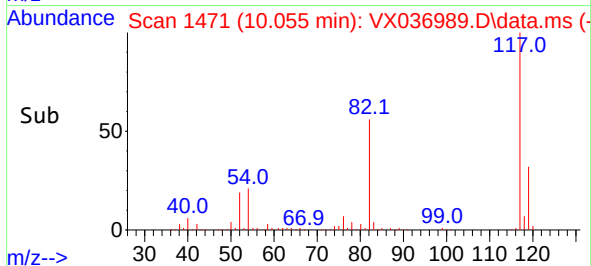
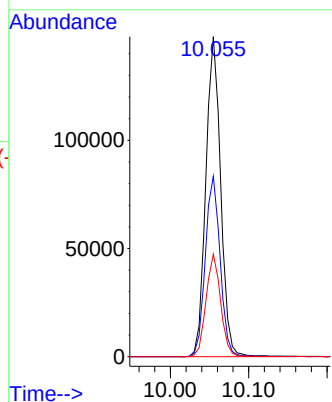


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :

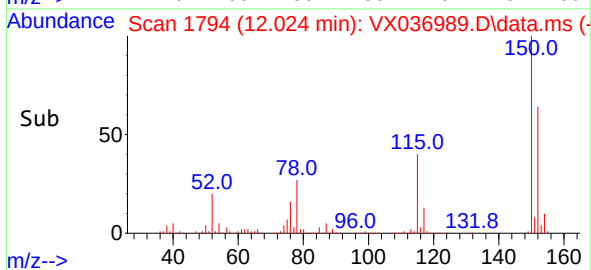
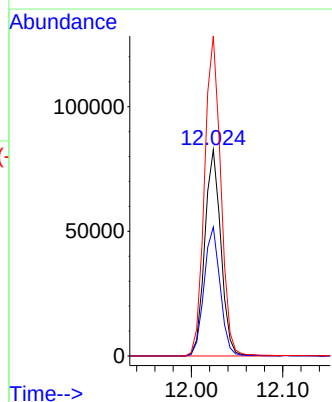
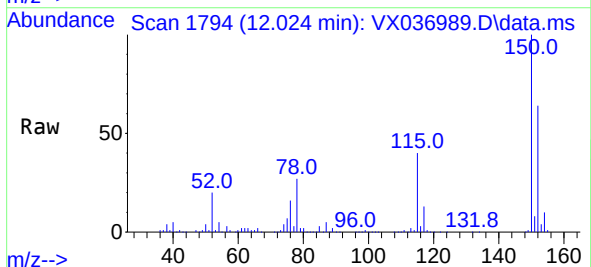


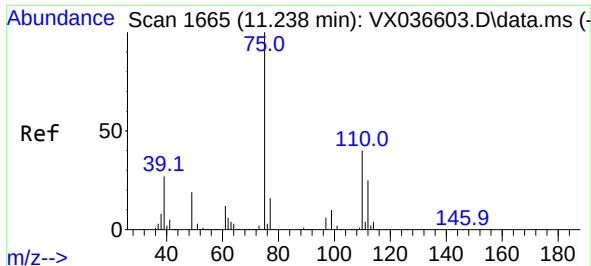
Tgt Ion:117 Resp: 194084
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Tgt Ion:152 Resp: 100997
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.4 0.0 345.0

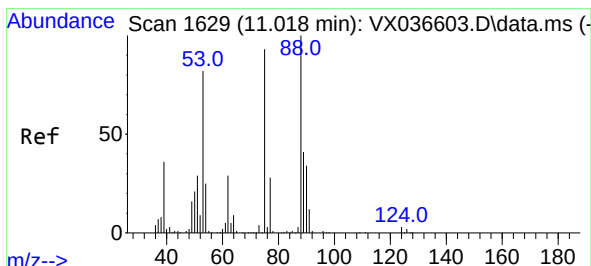
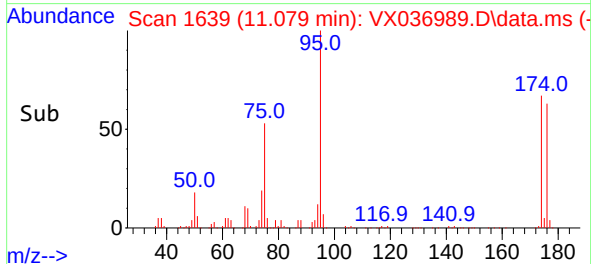
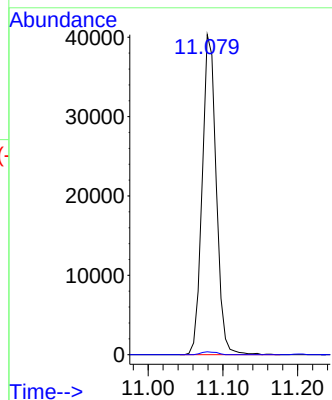
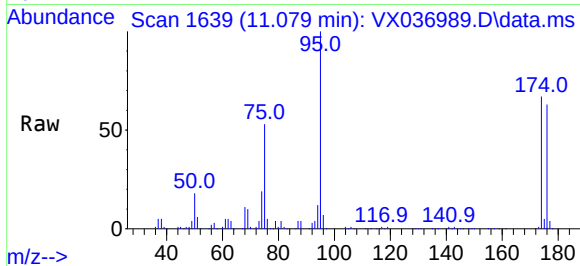




#76
1,2,3-Trichloropropane
Concen: 22.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

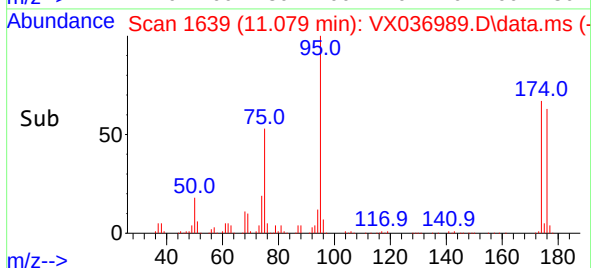
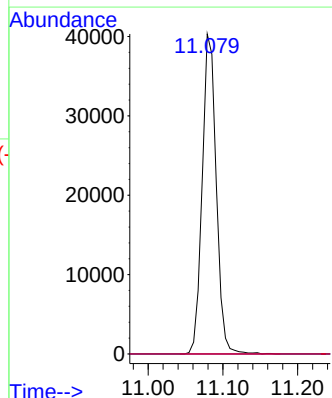
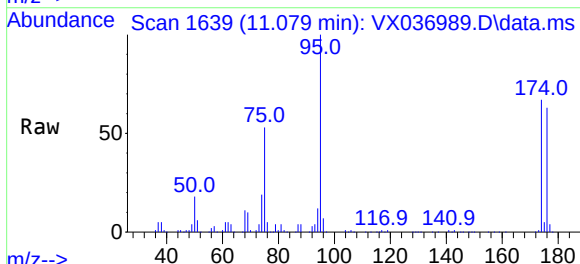
Instrument :
MSVOA_X
ClientSampleId :

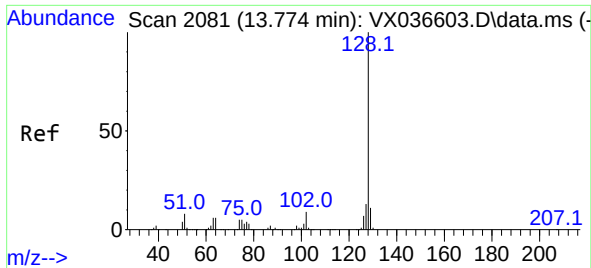
Tgt Ion: 75 Resp: 52686
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

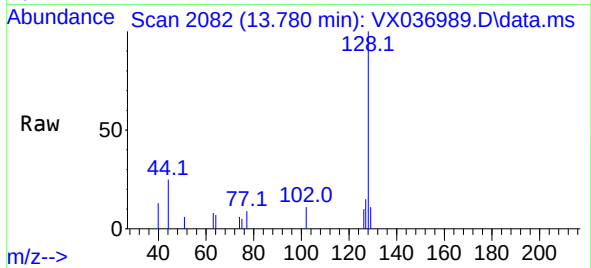
Tgt Ion: 75 Resp: 52686
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.233 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036989.D
Acq: 15 Aug 2023 15:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	6.7	8.8	13.2#

