

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035771.D
 Acq On : 19 May 2023 19:23
 Operator : JC/MD
 Sample : 02860-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 05:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

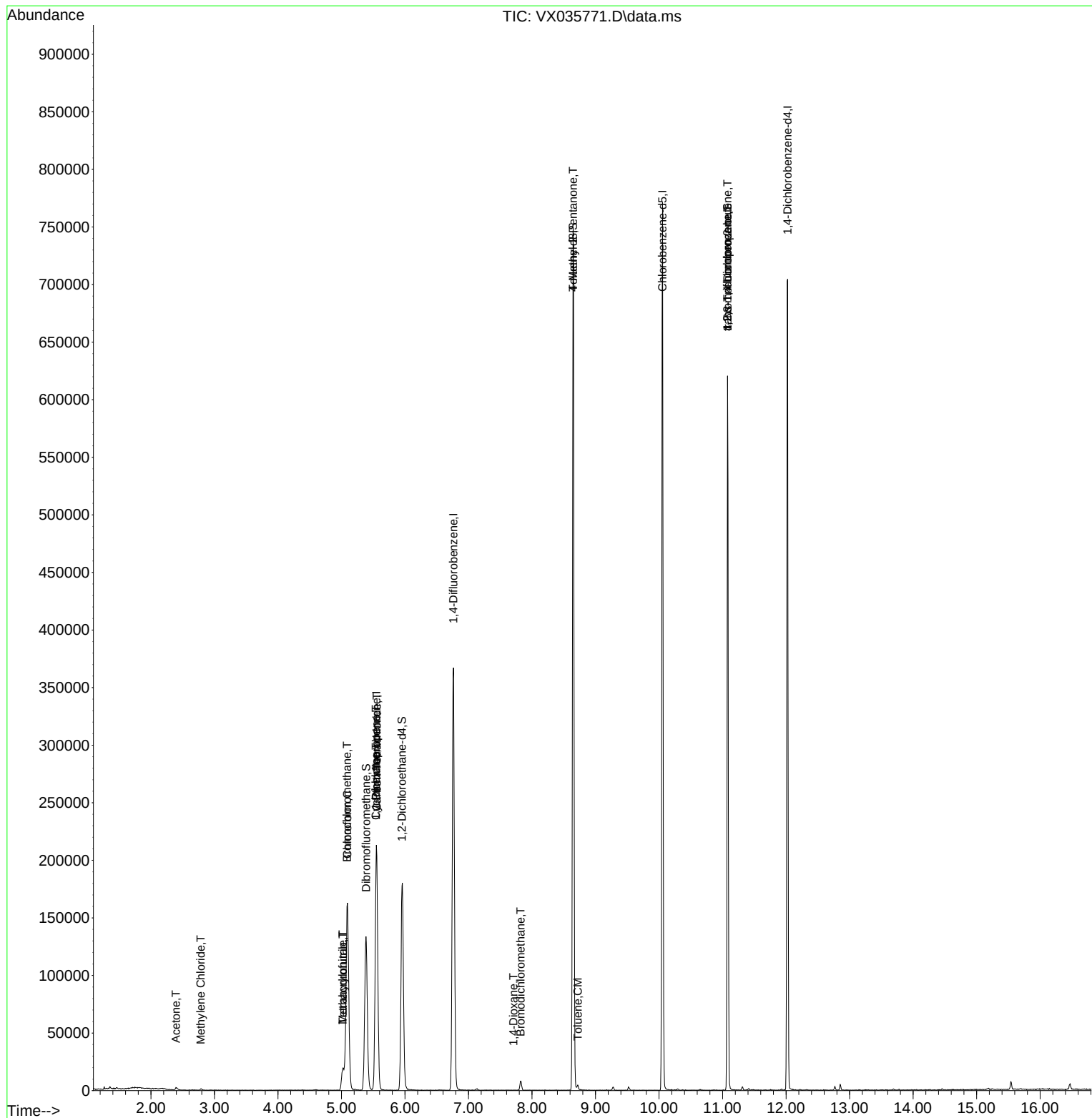
Internal Standards						
1) Pentafluorobenzene	5.550	168	178473	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	347371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	182743	58.693	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.380%#
35) Dibromofluoromethane	5.385	113	115928	49.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	413960	47.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	160493	46.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	3203	2.394	ug/l	# 84
20) Methylene Chloride	2.782	84	530	0.219	ug/l	# 73
28) Bromochloromethane	5.086	49	16636	8.295	ug/l	# 15
29) Tetrahydrofuran	5.019	42	21003	18.039	ug/l	95
30) Chloroform	5.092	83	183630	40.191	ug/l	100
31) Cyclohexane	5.543	56	4797	1.219	ug/l	# 33
36) 1,1-Dichloropropene	5.543	75	17417	4.710	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	20909	5.969	ug/l	# 15
41) Methacrylonitrile	5.019	41	13224	5.775	ug/l	# 47
47) Bromodichloromethane	7.817	83	4947	1.365	ug/l	95
49) 1,4-Dioxane	7.708	88	52	2.707	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.647	43	2014	0.520	ug/l	# 1
52) Toluene	8.720	92	1449	0.222	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	90226	27.482	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	90226	88.570	ug/l	# 8

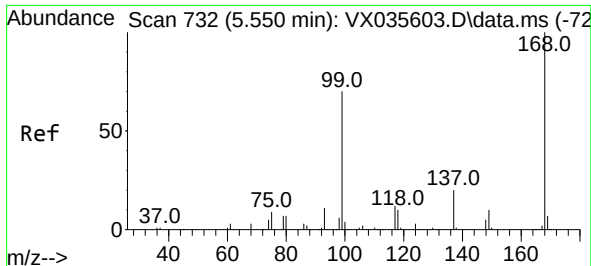
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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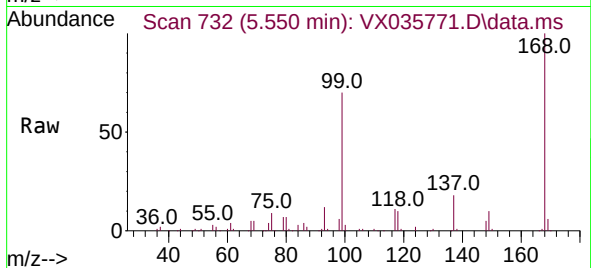
Quant Time: May 22 05:20:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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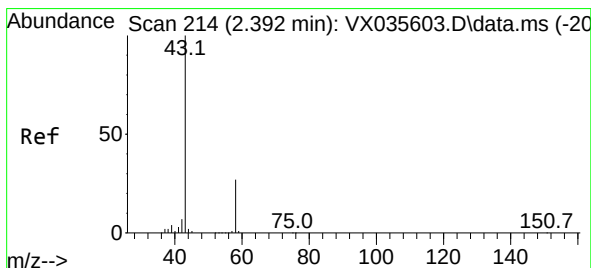
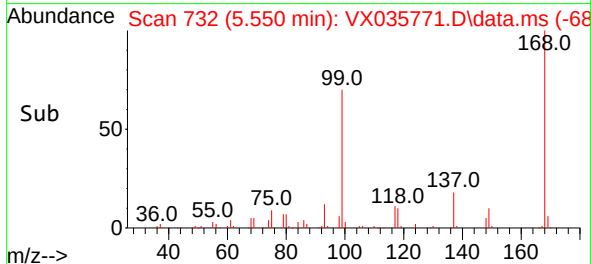
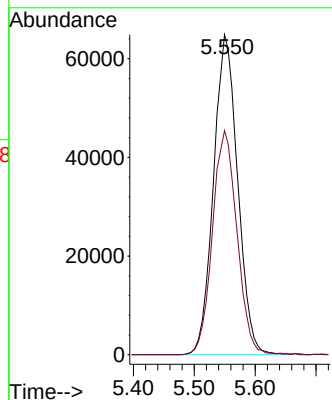


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

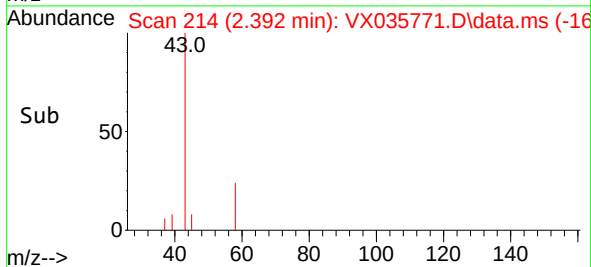
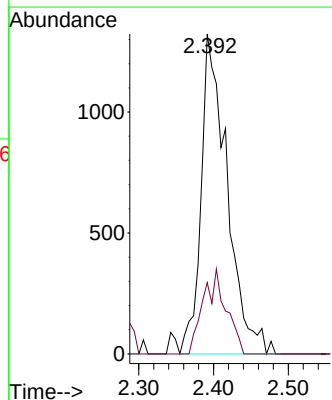
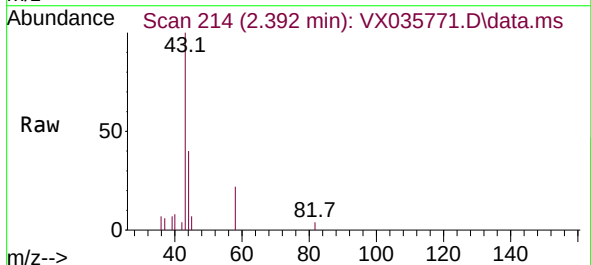


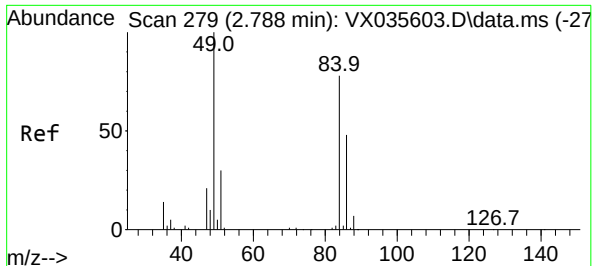
Tgt Ion:168 Resp: 178473
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5#



#16
Acetone
Concen: 2.394 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

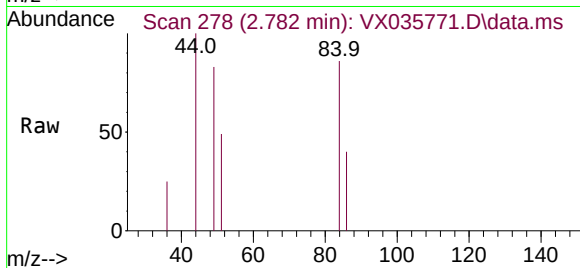
Tgt Ion: 43 Resp: 3203
Ion Ratio Lower Upper
43 100
58 22.3 24.7 37.1#



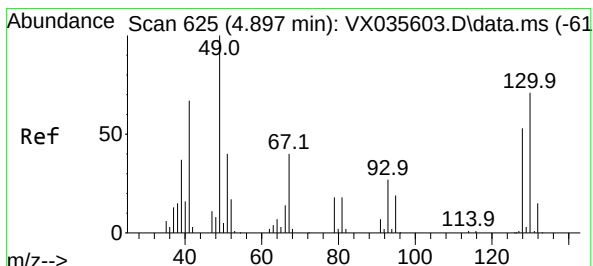
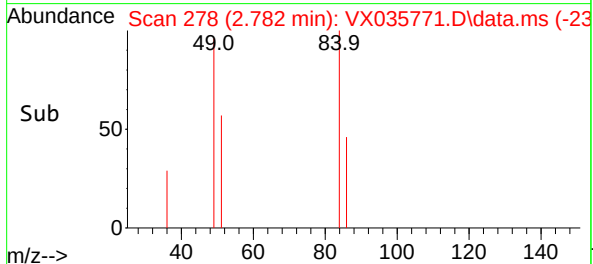
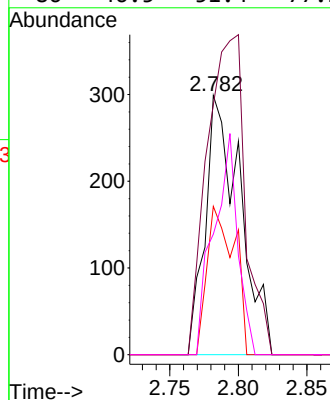


#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

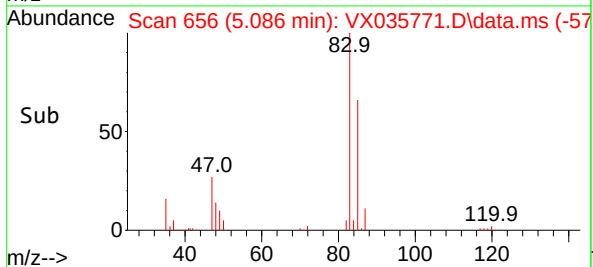
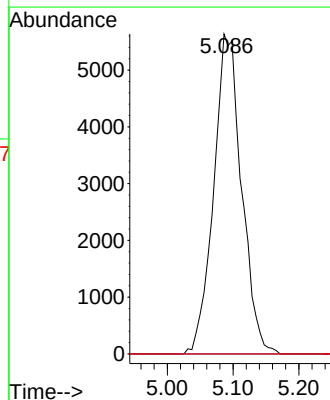
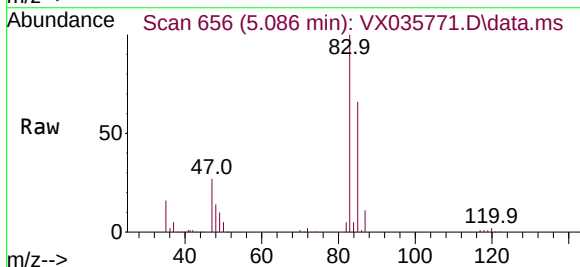


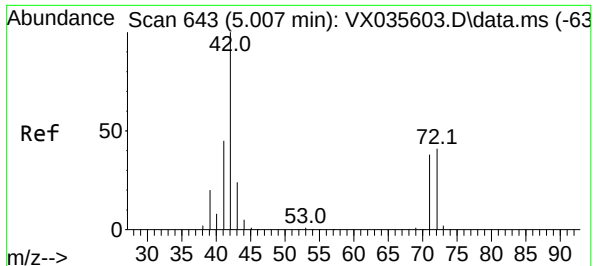
Tgt Ion: 84 Resp: 530
Ion Ratio Lower Upper
84 100
49 96.3 103.8 155.8#
51 57.2 31.8 47.8#
86 46.5 51.4 77.2#



#28
Bromochloromethane
Concen: 8.295 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.189 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion: 49 Resp: 16636
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#





#29

Tetrahydrofuran

Concen: 18.039 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

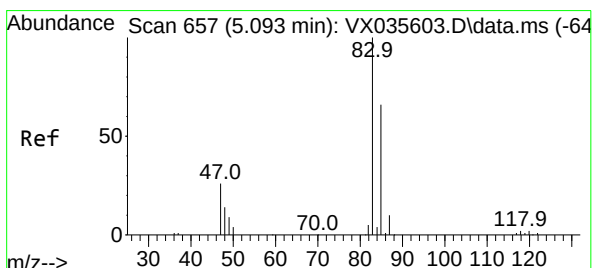
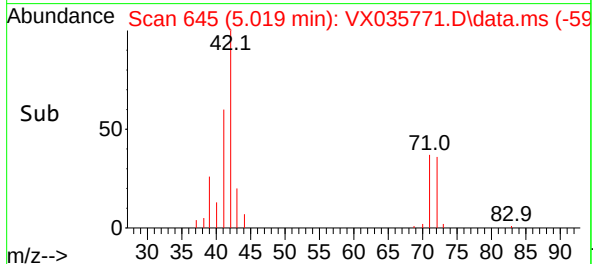
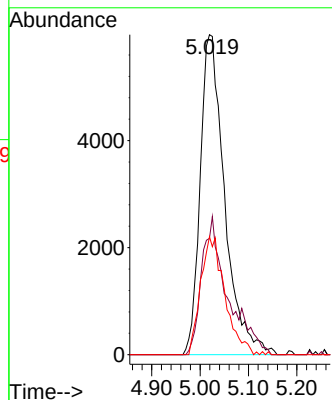
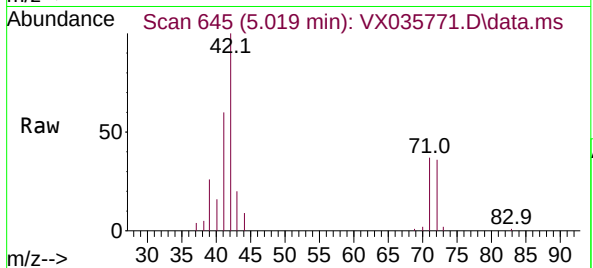
Tgt Ion: 42 Resp: 21003

Ion Ratio Lower Upper

42 100

72 45.9 34.5 51.7

71 36.6 32.1 48.1



#30

Chloroform

Concen: 40.191 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035771.D

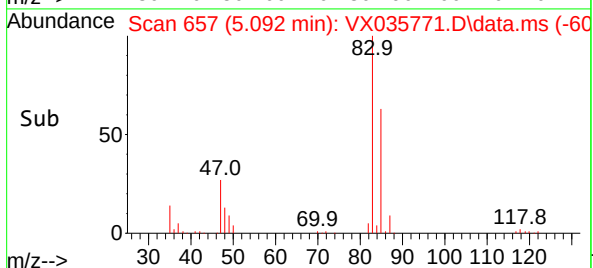
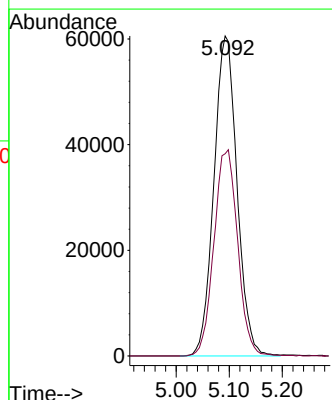
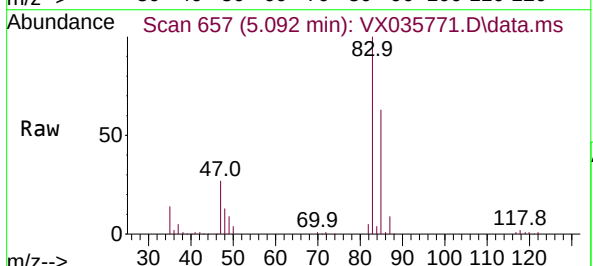
Acq: 19 May 2023 19:23

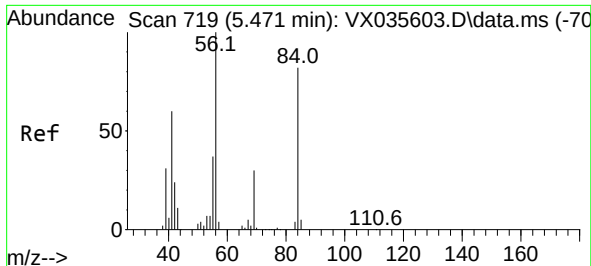
Tgt Ion: 83 Resp: 183630

Ion Ratio Lower Upper

83 100

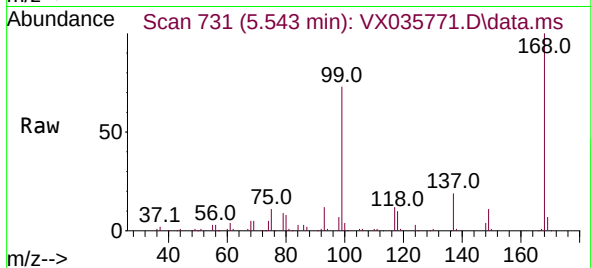
85 63.2 50.6 76.0



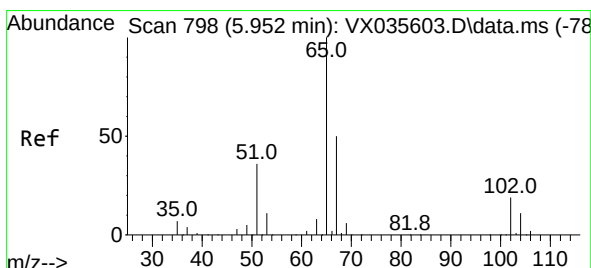
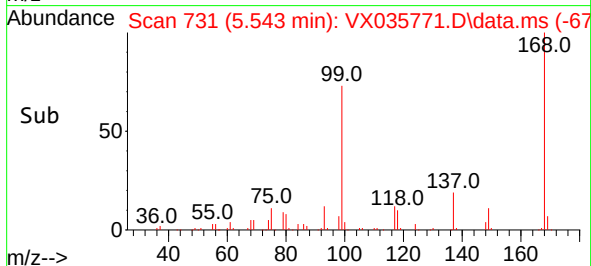
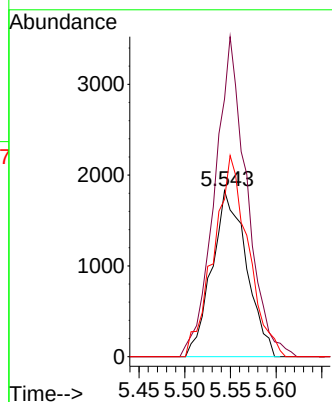


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Instrument :
MSVOA_X
ClientSampleId :

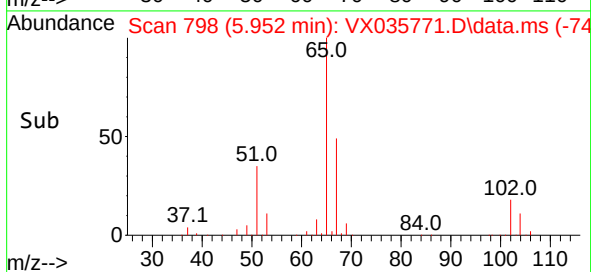
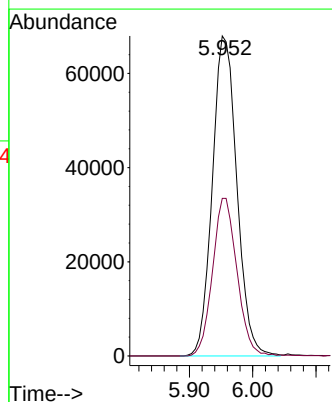
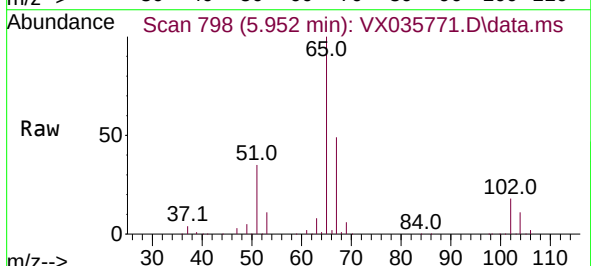


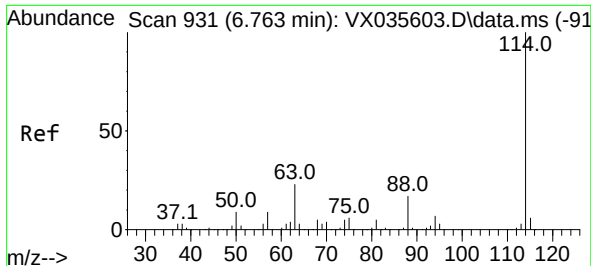
Tgt Ion: 56 Resp: 4797
Ion Ratio Lower Upper
56 100
69 155.0 23.7 35.5#
84 94.6 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 58.693 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion: 65 Resp: 182743
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

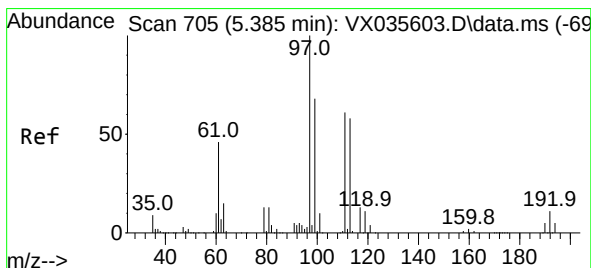
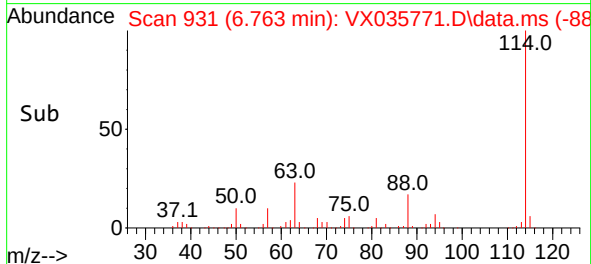
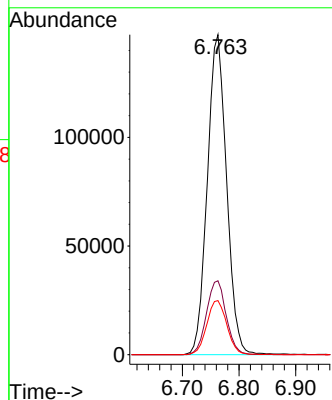
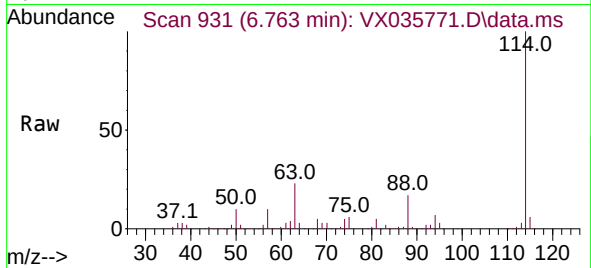




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

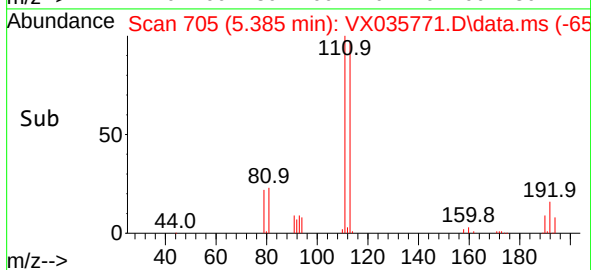
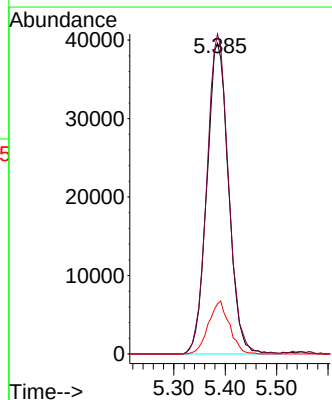
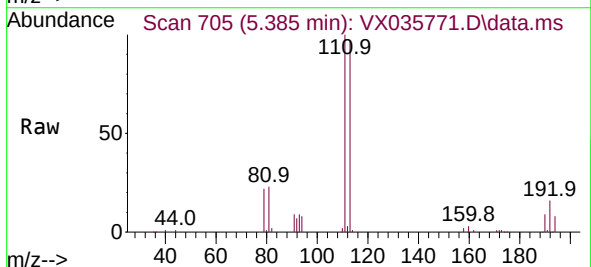
Instrument :
MSVOA_X
ClientSampleId :

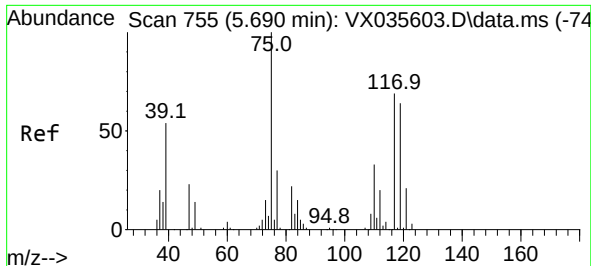
Tgt Ion:114 Resp: 347371
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

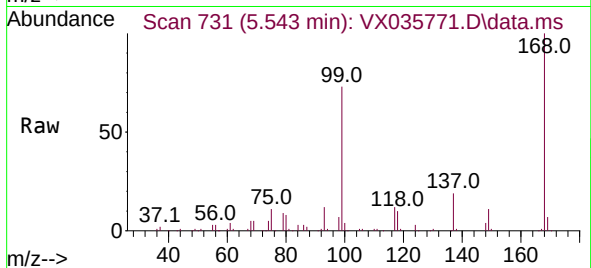
Tgt Ion:113 Resp: 115928
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 16.4 15.4 23.2



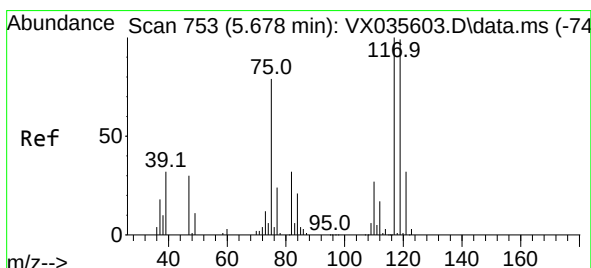
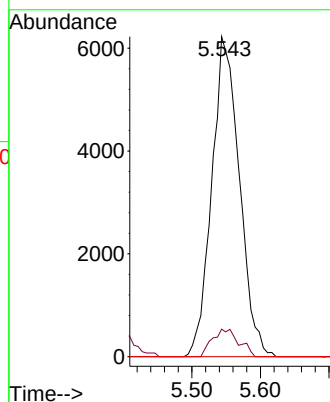
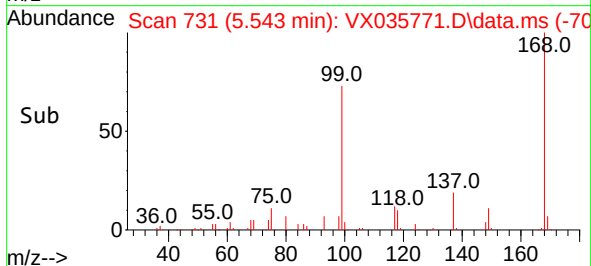


#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 5.543 min Scan# 711
 Delta R.T. -0.147 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

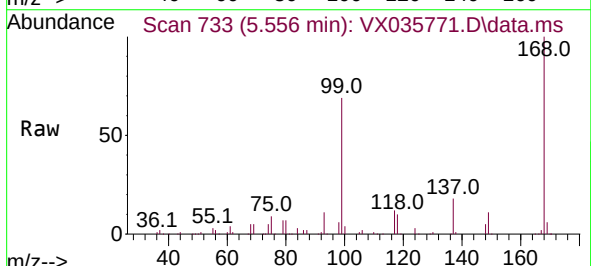
Instrument :
 MSVOA_X
 ClientSampleId :



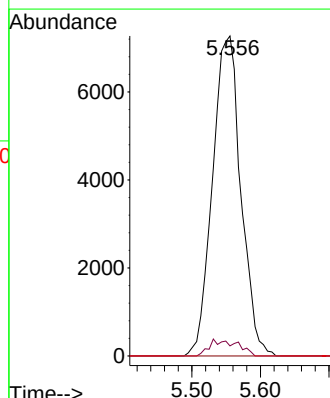
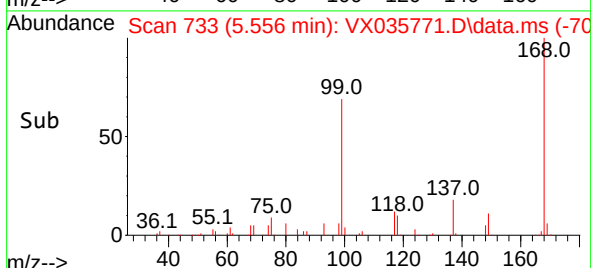
Tgt Ion: 75 Resp: 17417
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.5 52.5#
 77 0.0 24.3 36.5#

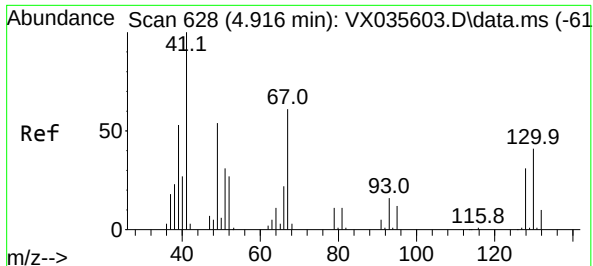


#38
 Carbon Tetrachloride
 Concen: 5.969 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23



Tgt Ion: 117 Resp: 20909
 Ion Ratio Lower Upper
 117 100
 119 3.1 76.6 114.8#
 121 0.0 23.8 35.6#

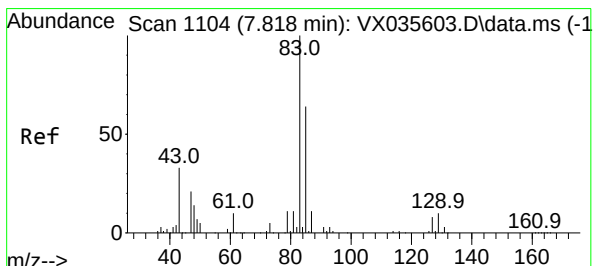
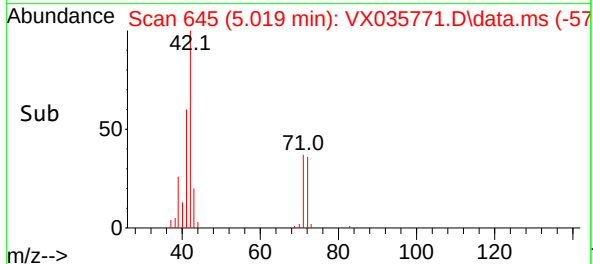
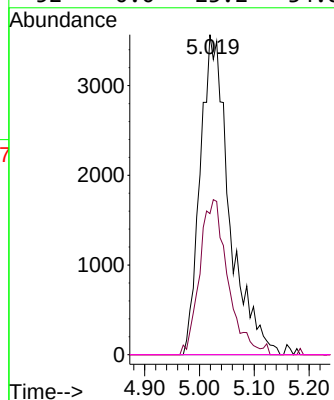
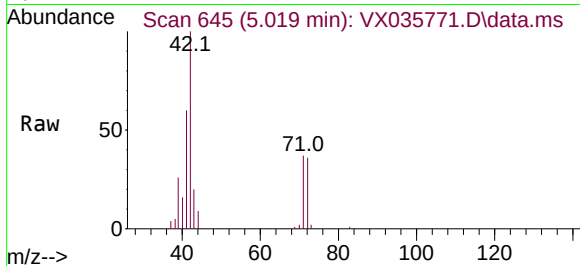




#41
Methacrylonitrile
Concen: 5.775 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.103 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

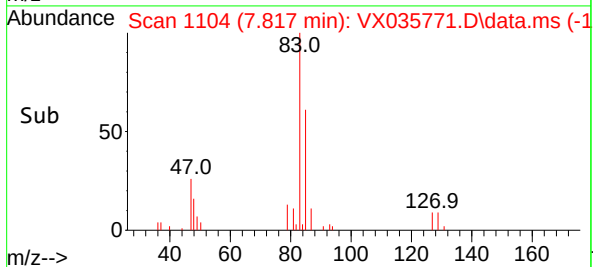
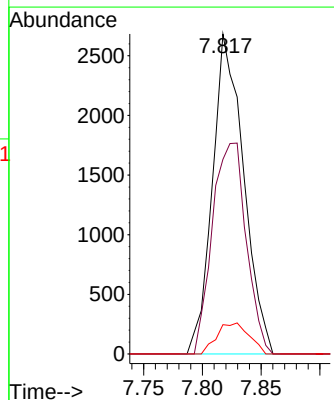
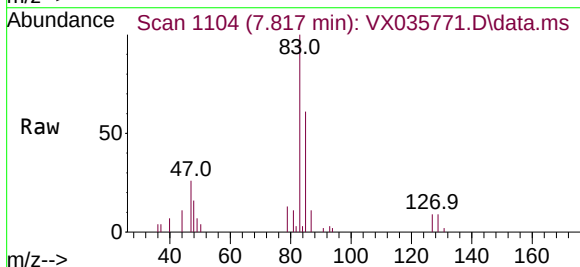
Instrument :
MSVOA_X
ClientSampleId :

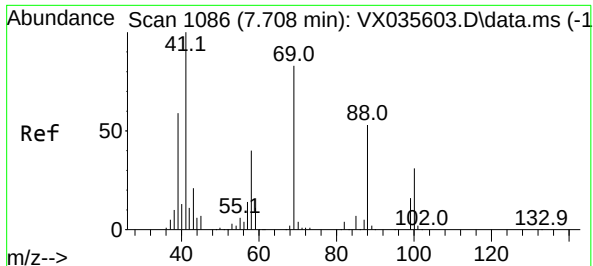
Tgt Ion:	41	Resp:	13224
Ion	Ratio	Lower	Upper
41	100		
39	46.2	45.0	67.6
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#47
Bromodichloromethane
Concen: 1.365 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.001 min
Lab File: VX035771.D
Acq: 19 May 2023 19:23

Tgt Ion:	83	Resp:	4947
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.2	78.4
127	9.2	6.6	9.8





#49

1,4-Dioxane

Concen: 2.707 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

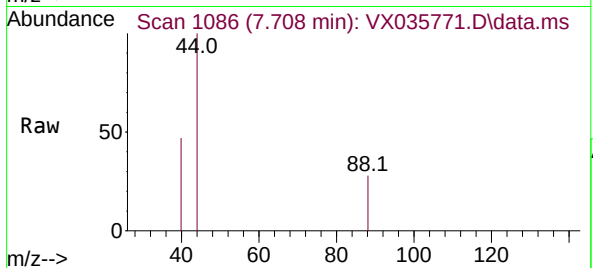
Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :



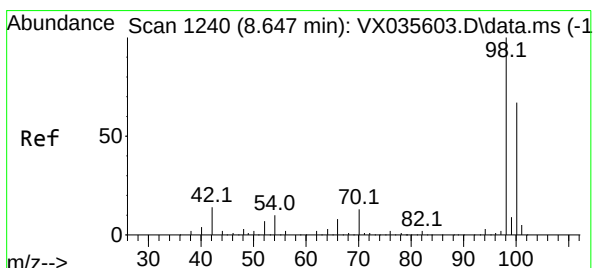
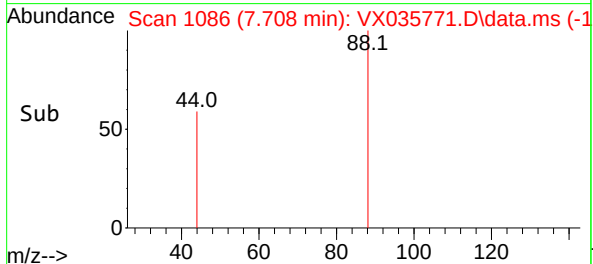
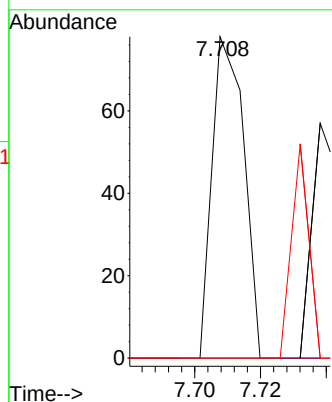
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 47.832 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035771.D

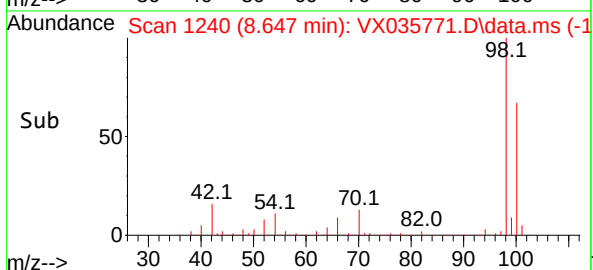
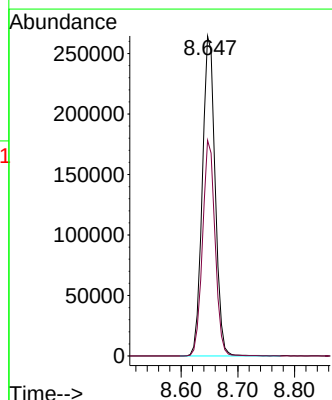
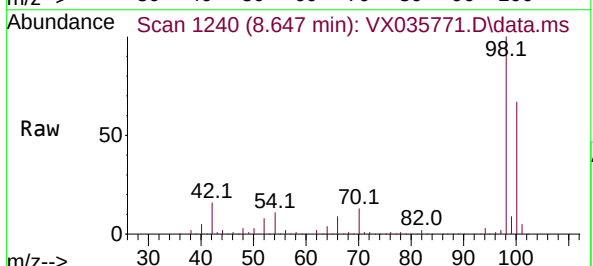
Acq: 19 May 2023 19:23

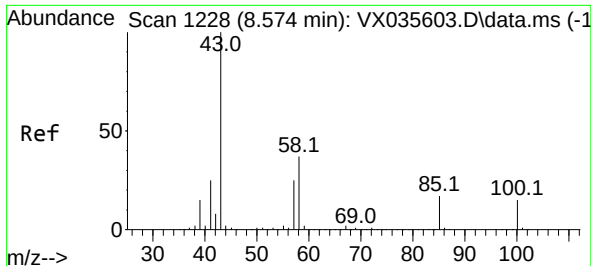
Tgt Ion: 98 Resp: 413960

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.520 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

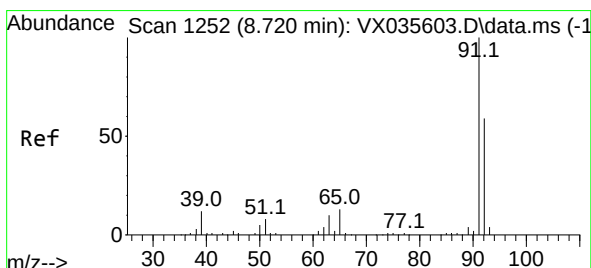
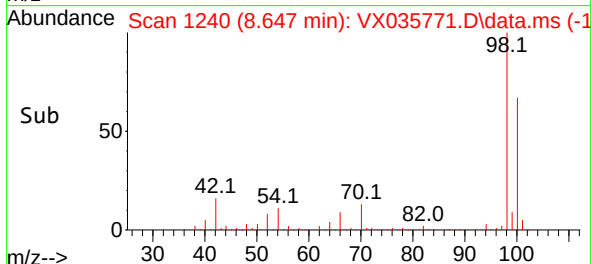
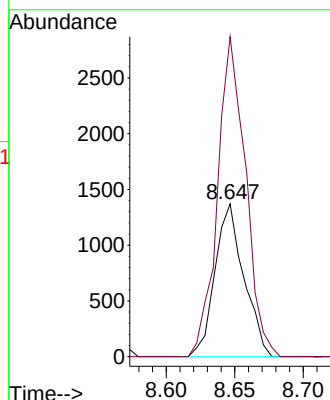
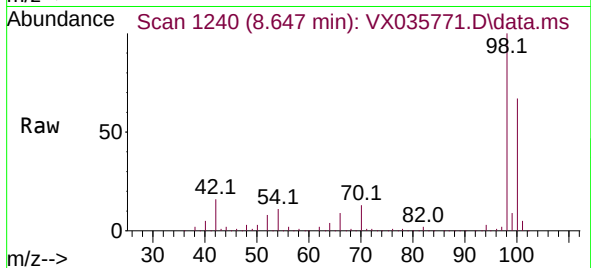
ClientSampleId :

Tgt Ion: 43 Resp: 2014

Ion Ratio Lower Upper

43 100

58 203.2 30.6 46.0#



#52

Toluene

Concen: 0.222 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035771.D

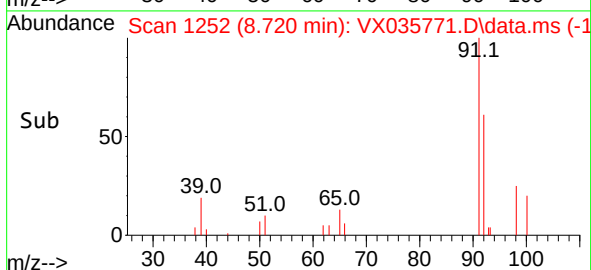
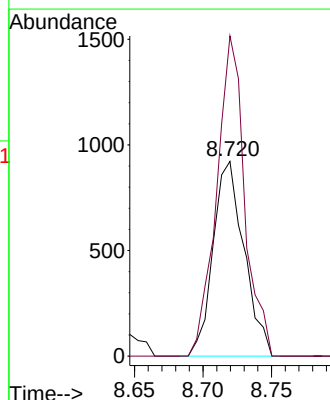
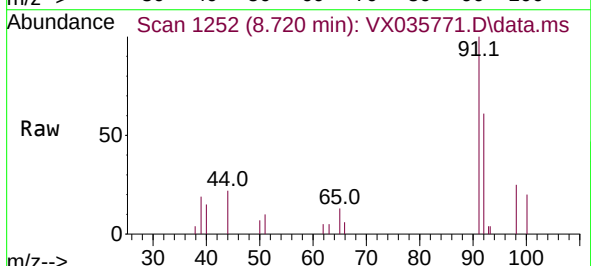
Acq: 19 May 2023 19:23

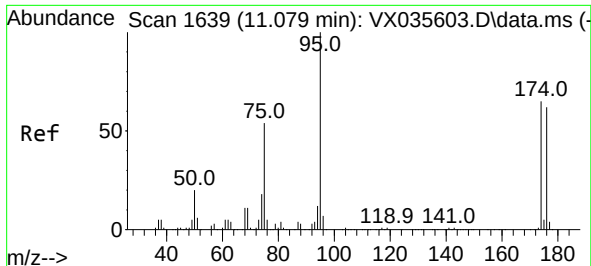
Tgt Ion: 92 Resp: 1449

Ion Ratio Lower Upper

92 100

91 149.3 136.8 205.2





#62

4-Bromofluorobenzene

Concen: 46.058 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

Instrument :

MSVOA_X

ClientSampleId :

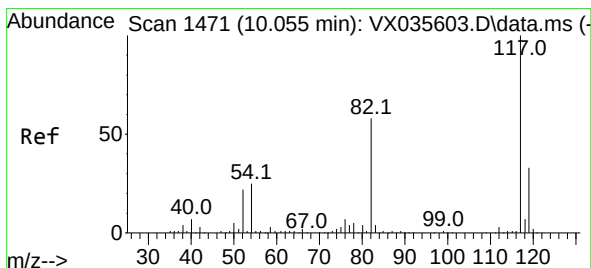
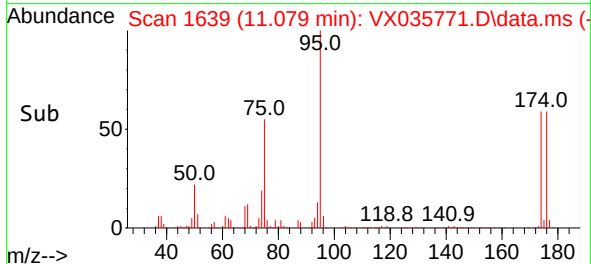
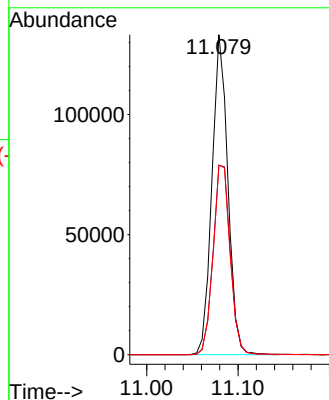
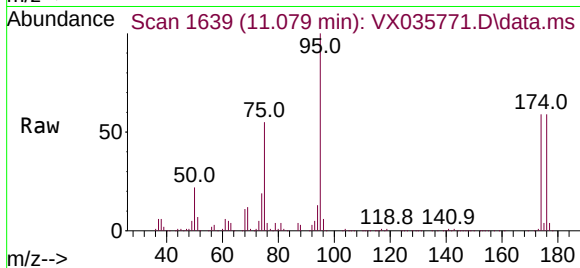
Tgt Ion: 95 Resp: 160493

Ion Ratio Lower Upper

95 100

174 64.3 0.0 147.4

176 63.5 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035771.D

Acq: 19 May 2023 19:23

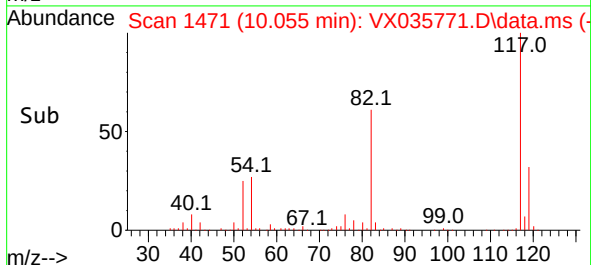
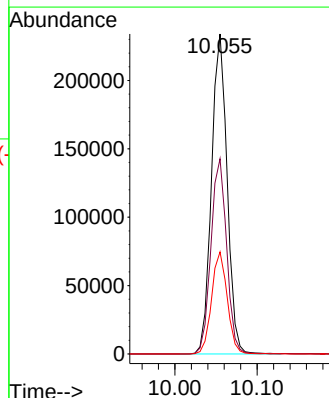
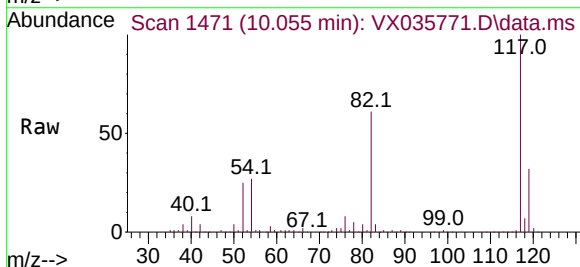
Tgt Ion: 117 Resp: 308808

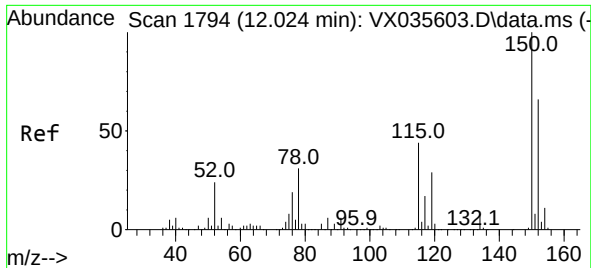
Ion Ratio Lower Upper

117 100

82 61.0 45.0 67.4

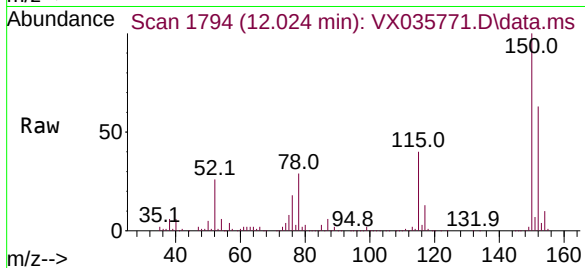
119 31.9 26.0 39.0



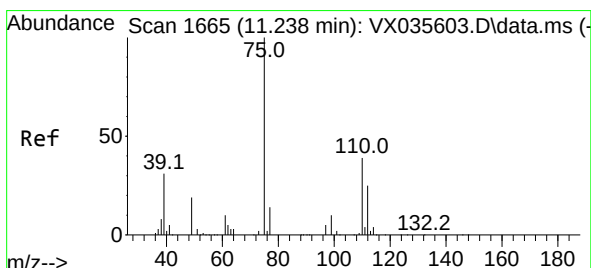
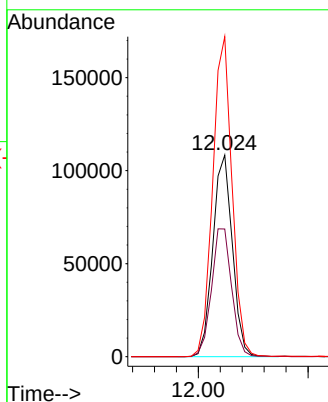
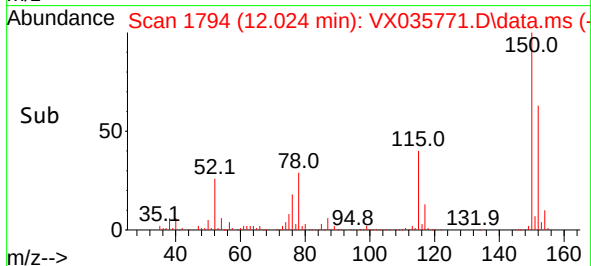


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

Instrument :
 MSVOA_X
 ClientSampleId :

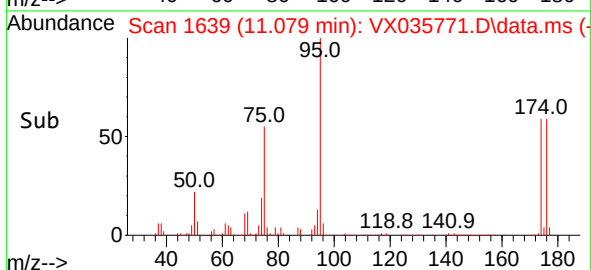
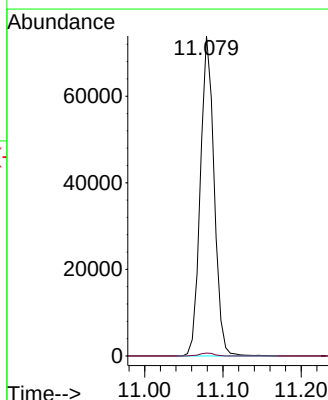
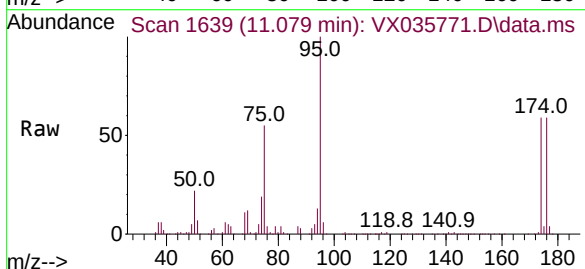


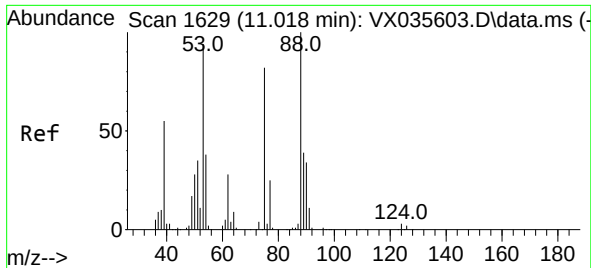
Tgt Ion:152 Resp: 134222
 Ion Ratio Lower Upper
 152 100
 115 65.5 45.0 135.0
 150 156.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.482 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

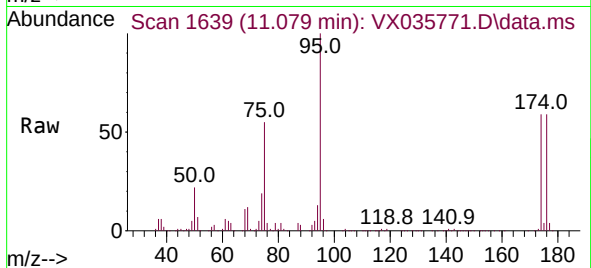
Tgt Ion: 75 Resp: 90226
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.570 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX035771.D
 Acq: 19 May 2023 19:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 90226
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

