

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042112.D
 Acq On : 01 Jul 2024 14:22
 Operator : JC/MD
 Sample : P3123-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 02:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

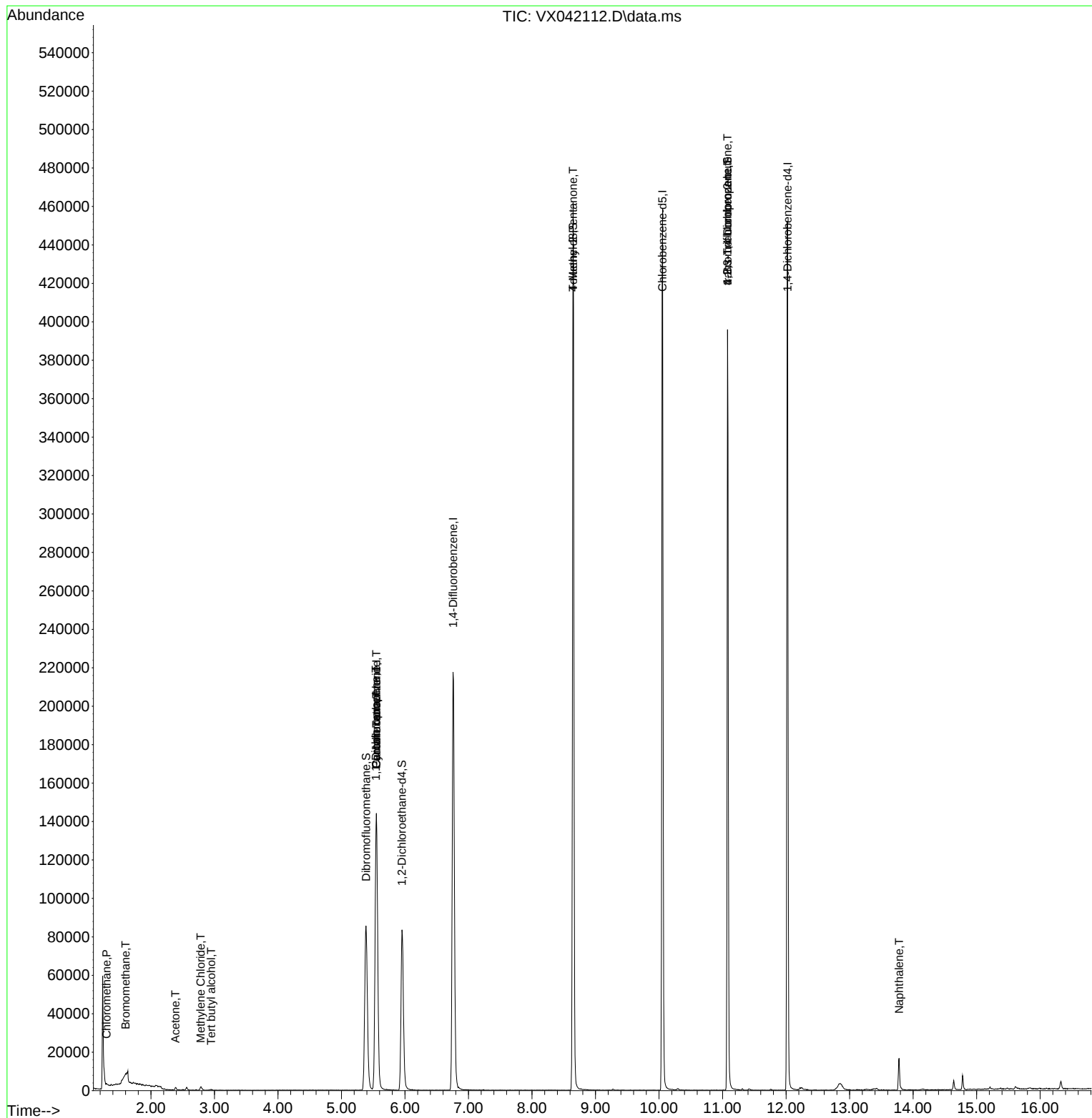
Internal Standards						
1) Pentafluorobenzene	5.550	168	162528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	247271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80245	42.817	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	85.640%	
35) Dibromofluoromethane	5.385	113	77262	44.036	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	88.080%	
50) Toluene-d8	8.647	98	283559	46.004	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	92.000%	
62) 4-Bromofluorobenzene	11.079	95	103192	45.417	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.840%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	692	0.445	ug/l	96
5) Bromomethane	1.599	94	273	0.355	ug/l	99
6) Chloroethane	1.642	64	658	Below Cal	#	48
11) Tert butyl alcohol	2.947	59	265	0.745	ug/l	# 78
16) Acetone	2.386	43	1527	1.856	ug/l	# 84
20) Methylene Chloride	2.782	84	1103	0.612	ug/l	# 71
31) Cyclohexane	5.550	56	2115	0.965	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9033	4.848	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13824	6.715	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	932	0.363	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	47223	22.854	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47223	64.903	ug/l	# 5
95) Naphthalene	13.780	128	14030	2.441	ug/l	98

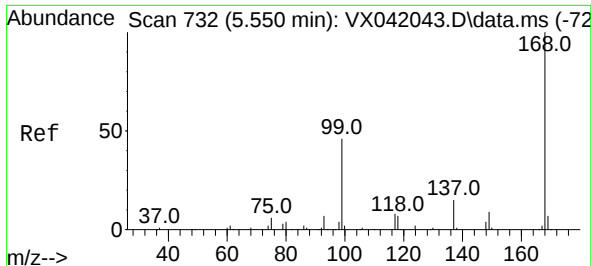
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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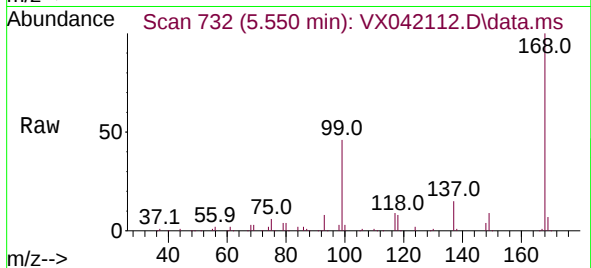
Quant Time: Jul 02 02:05:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



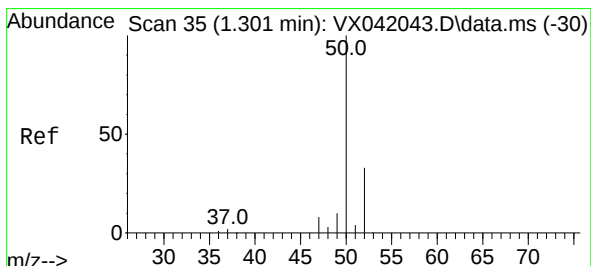
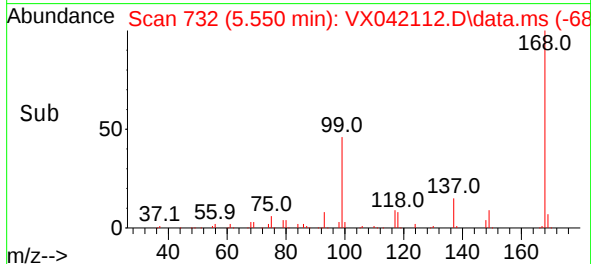
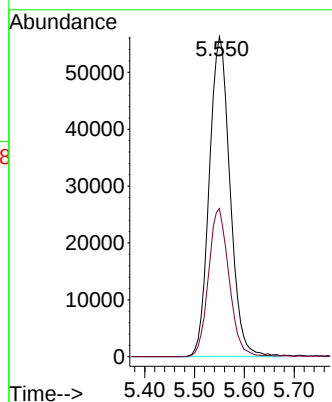


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

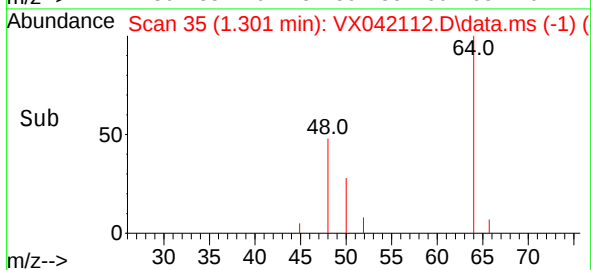
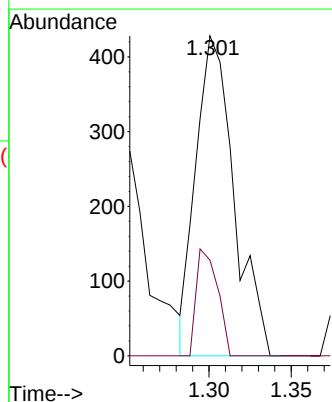
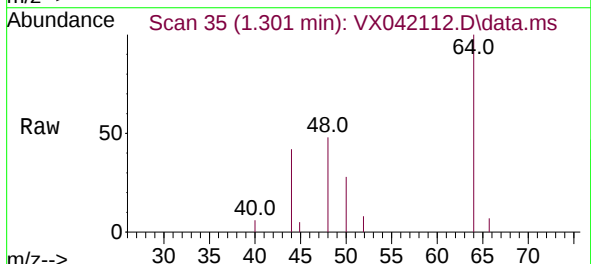


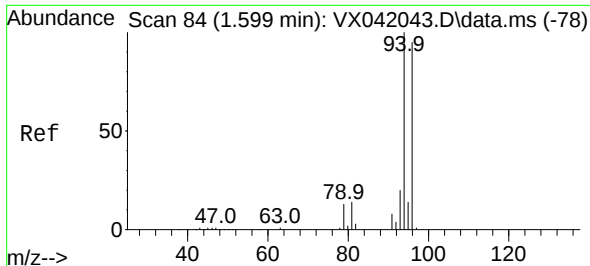
Tgt Ion:168 Resp: 162528
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#3
Chloromethane
Concen: 0.445 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

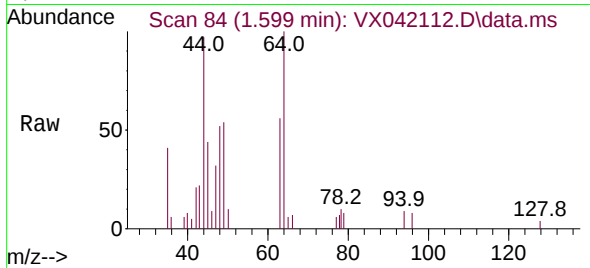
Tgt Ion: 50 Resp: 692
Ion Ratio Lower Upper
50 100
52 29.9 25.5 38.3



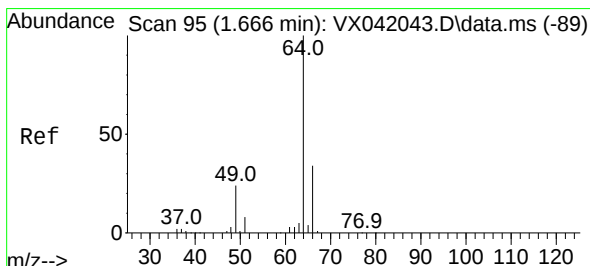
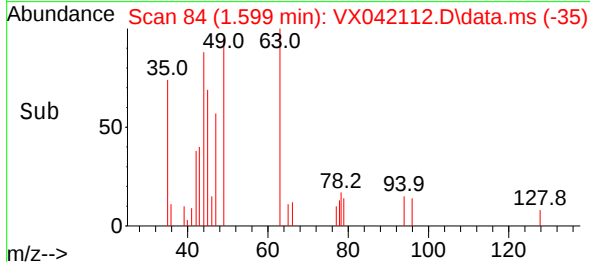
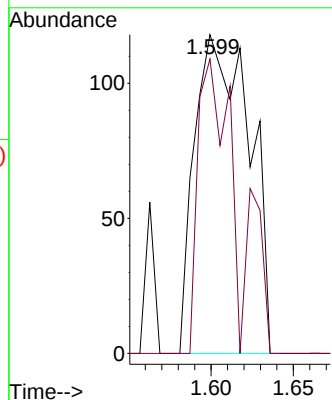


#5
Bromomethane
Concen: 0.355 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

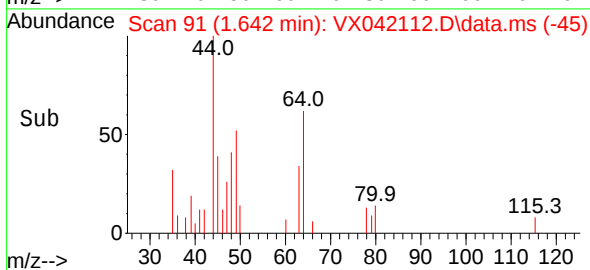
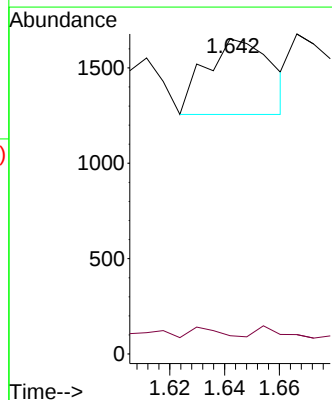
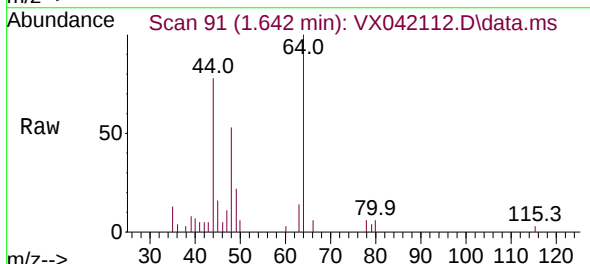


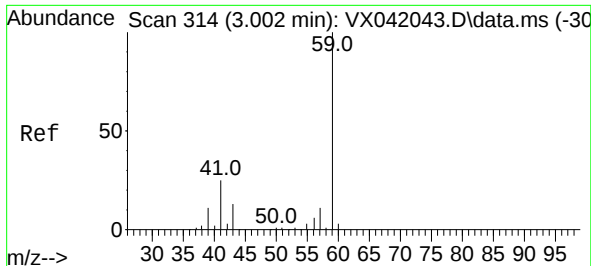
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 92.4 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Tgt Ion: 64 Resp: 658
Ion Ratio Lower Upper
64 100
66 2.5 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.745 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

Instrument :

MSVOA_X

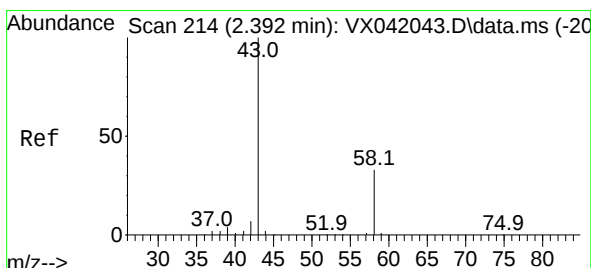
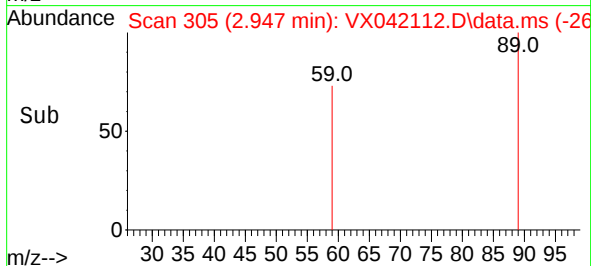
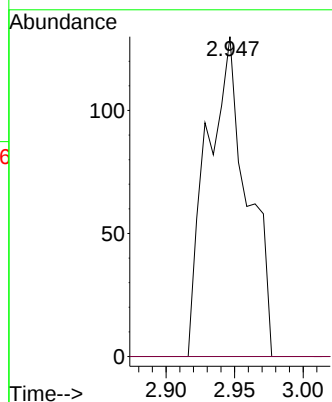
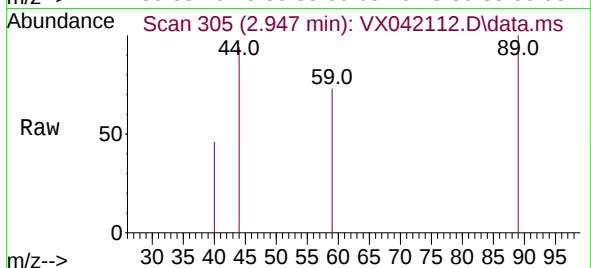
ClientSampleId :

Tgt Ion: 59 Resp: 265

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.856 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042112.D

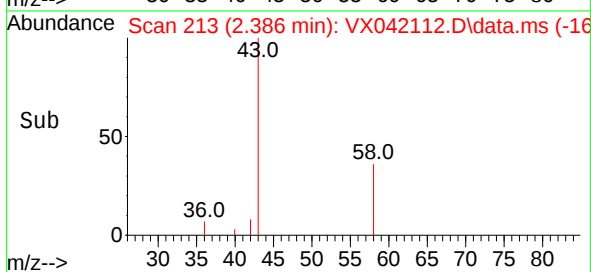
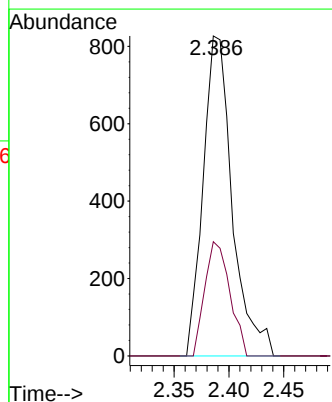
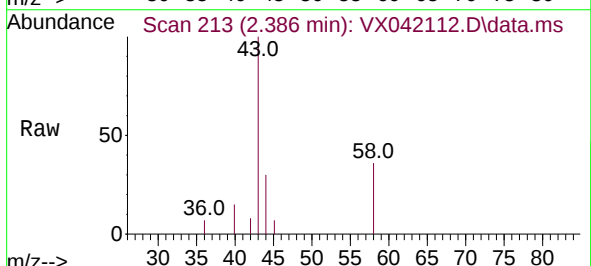
Acq: 01 Jul 2024 14:22

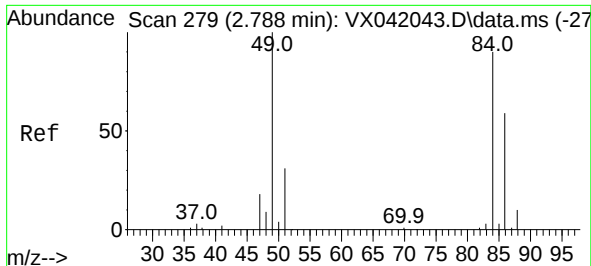
Tgt Ion: 43 Resp: 1527

Ion Ratio Lower Upper

43 100

58 35.7 21.9 32.9#





#20

Methylene Chloride

Concen: 0.612 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.000 min

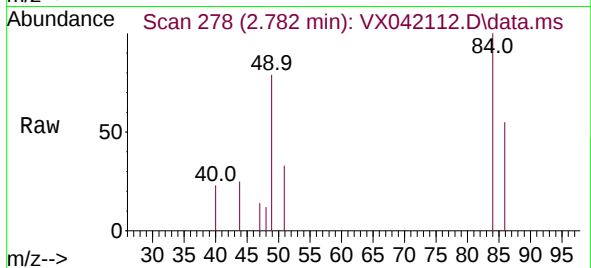
Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1103

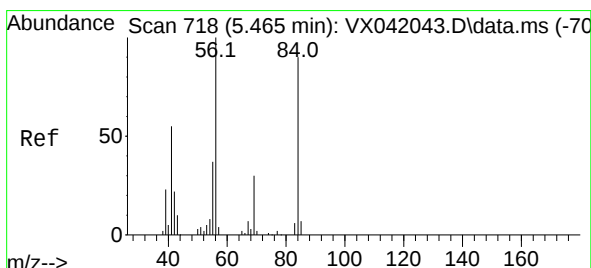
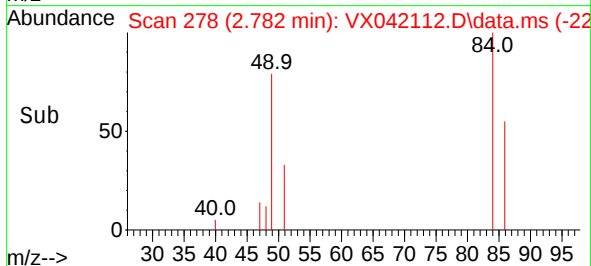
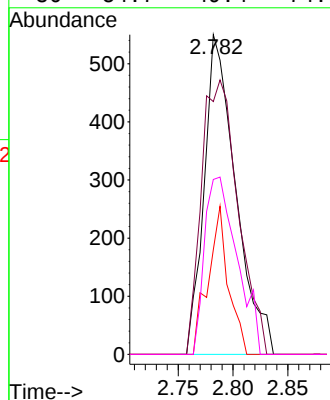
Ion Ratio Lower Upper

84 100

49 79.1 103.6 155.4#

51 32.7 33.8 50.6#

86 54.7 49.4 74.0



#31

Cyclohexane

Concen: 0.965 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

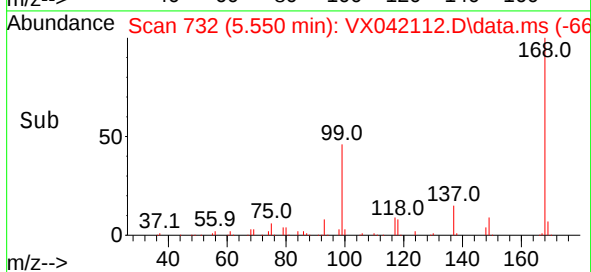
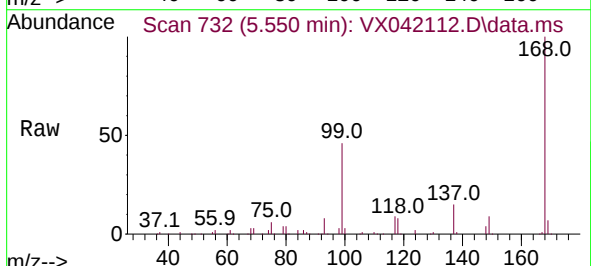
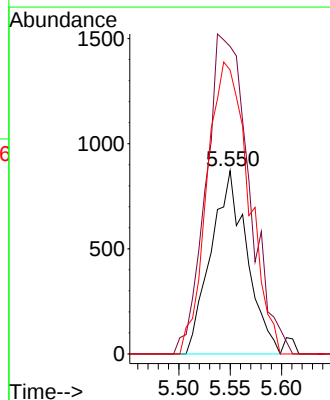
Tgt Ion: 56 Resp: 2115

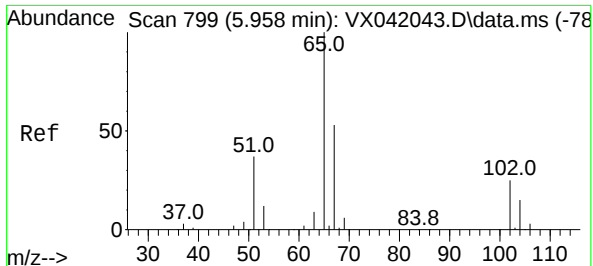
Ion Ratio Lower Upper

56 100

69 159.1 23.4 35.2#

84 155.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.817 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

Instrument :

MSVOA_X

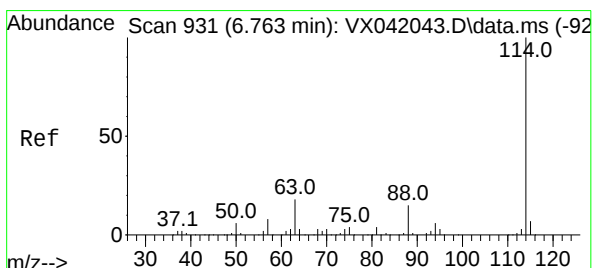
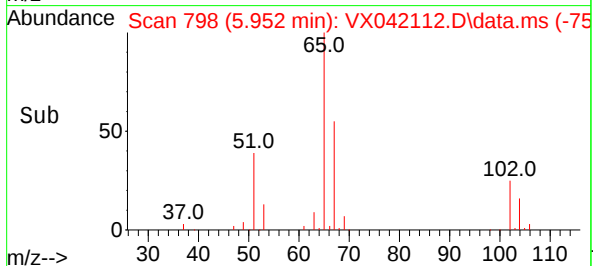
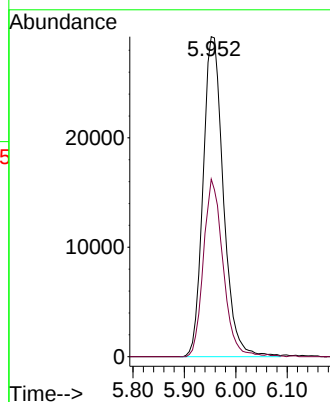
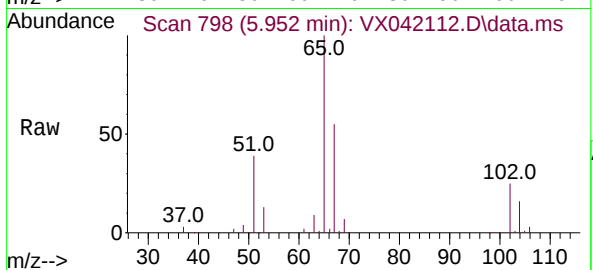
ClientSampleId :

Tgt Ion: 65 Resp: 80245

Ion Ratio Lower Upper

65 100

67 53.7 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: VX042112.D

Acq: 01 Jul 2024 14:22

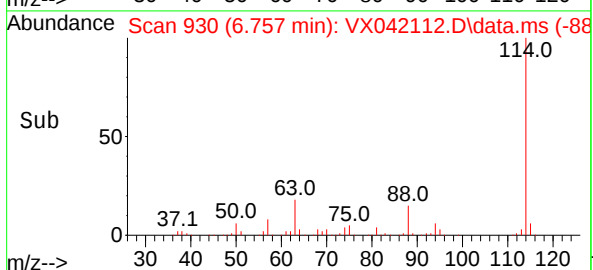
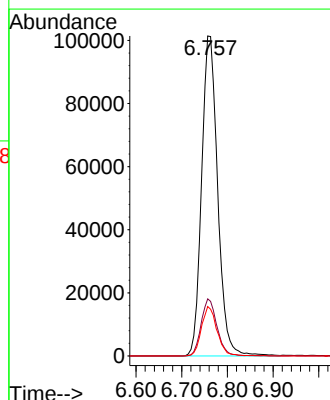
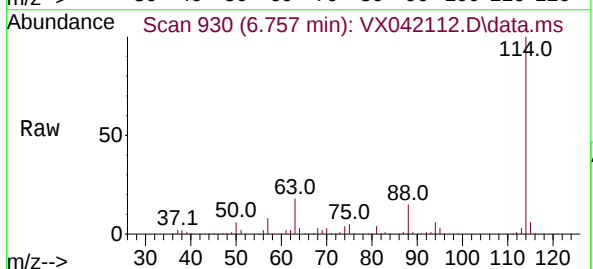
Tgt Ion: 114 Resp: 247271

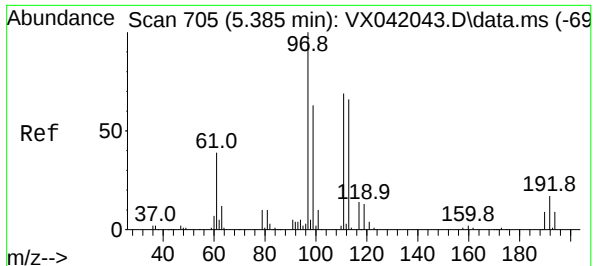
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.036 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

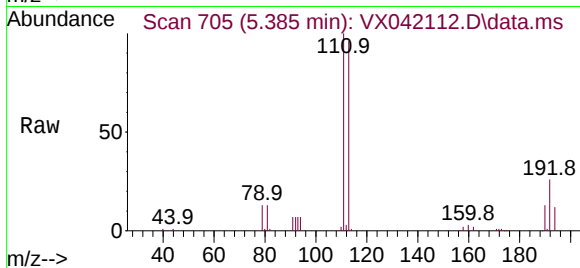
Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

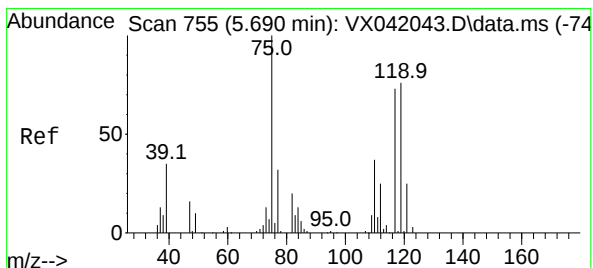
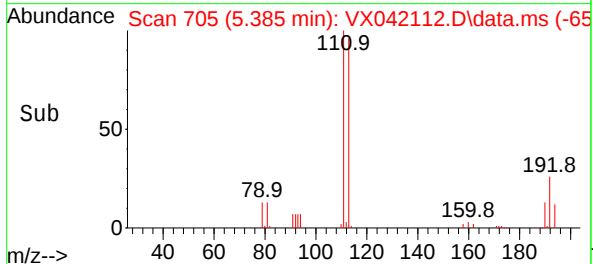
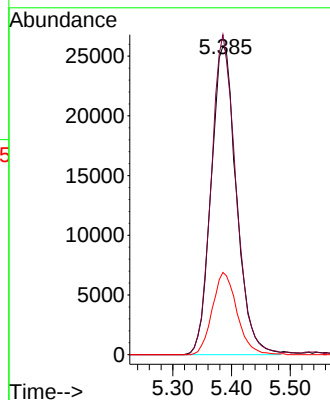
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	77262
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	26.0	13.3	19.9#



#36

1,1-Dichloropropene

Concen: 4.848 ug/l

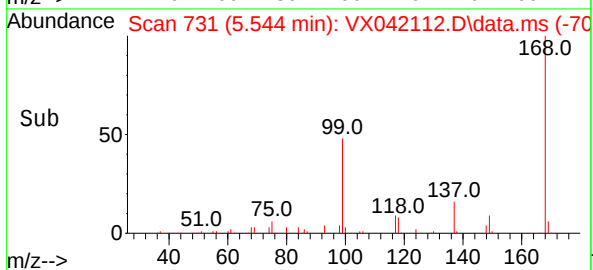
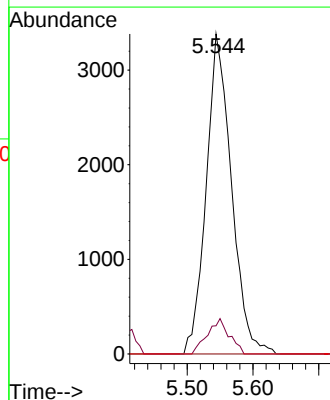
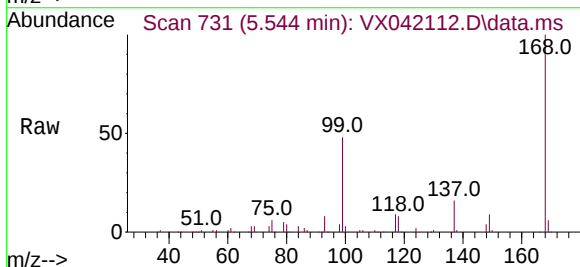
RT: 5.544 min Scan# 731

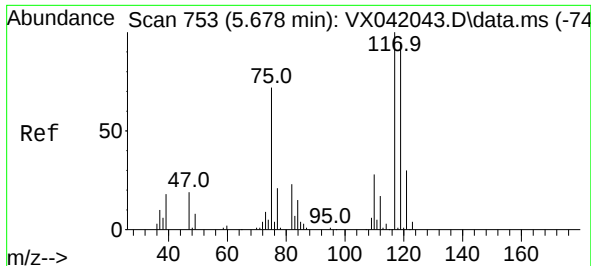
Delta R.T. -0.146 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

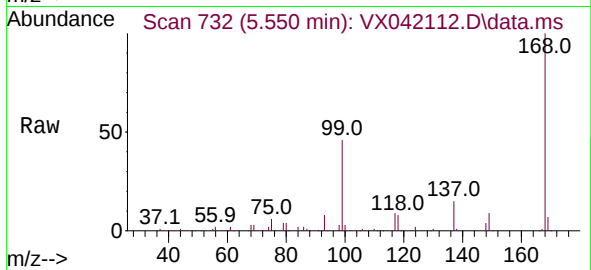
Tgt Ion:	75	Resp:	9033
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.7	37.1#



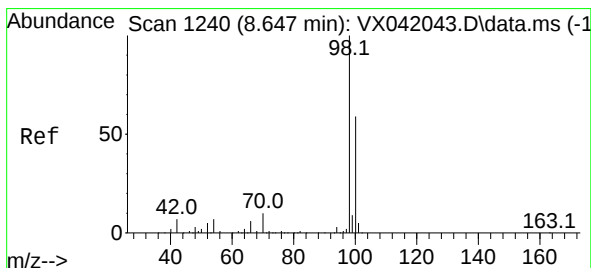
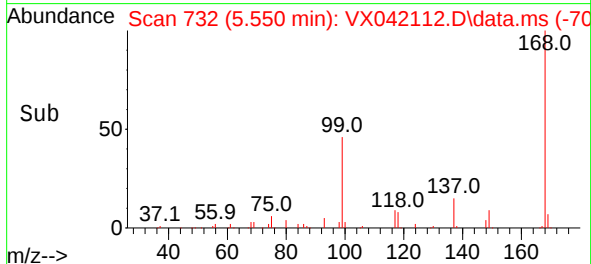
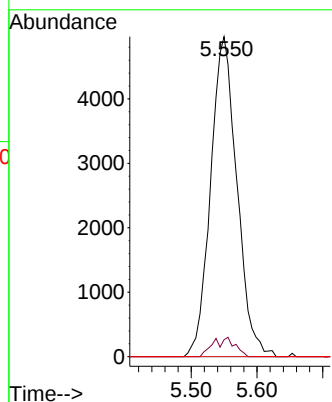


#38
Carbon Tetrachloride
Concen: 6.715 ug/l
RT: 5.550 min Scan# 753
Delta R.T. -0.128 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :

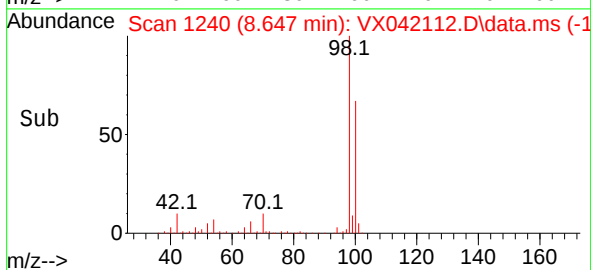
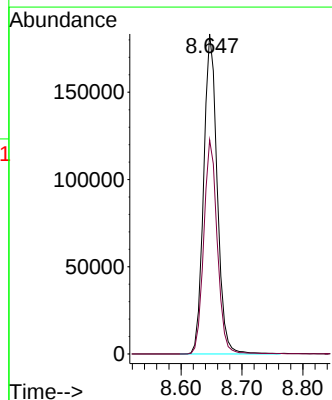
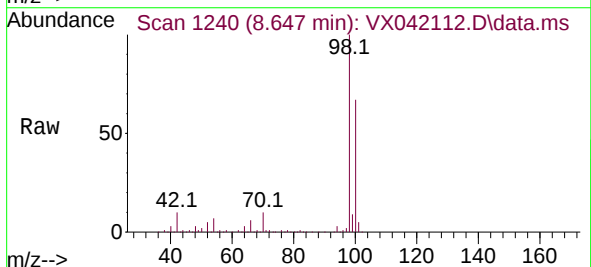


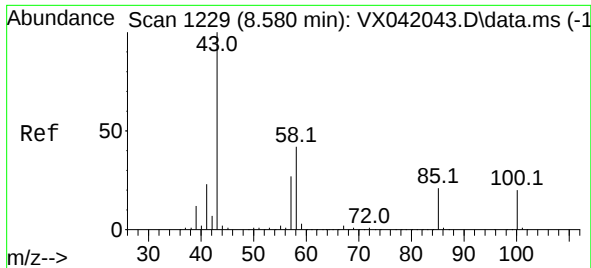
Tgt Ion:117 Resp: 13824
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Tgt Ion: 98 Resp: 283559
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

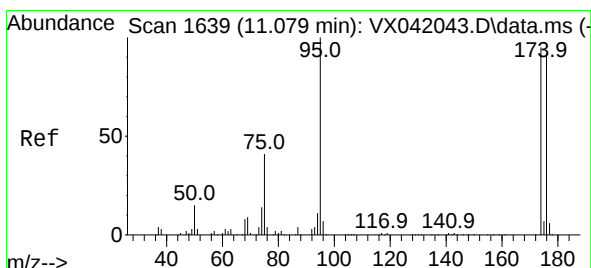
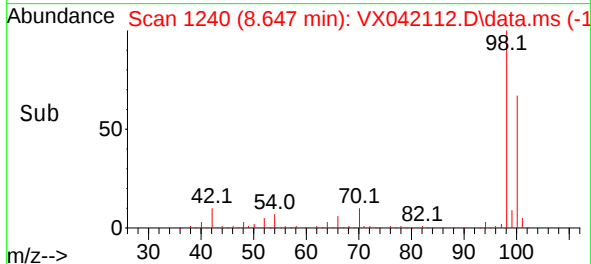
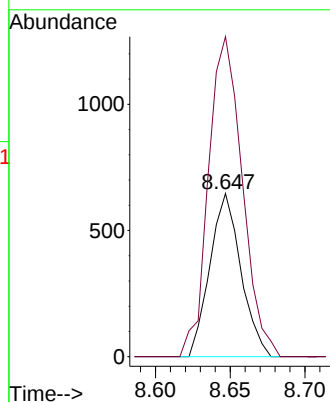
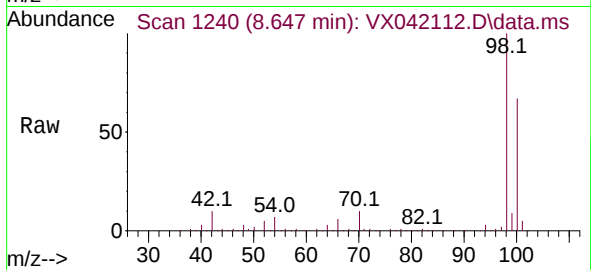




#51
4-Methyl-2-Pentanone
Concen: 0.363 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

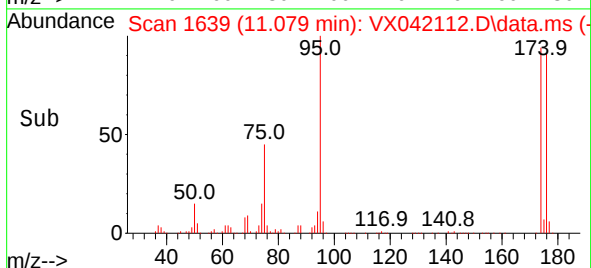
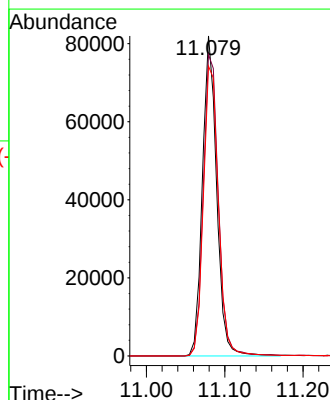
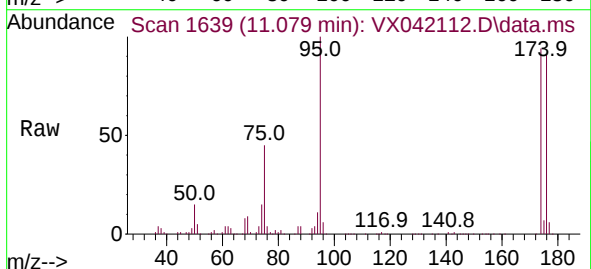
Instrument :
MSVOA_X
ClientSampleId :

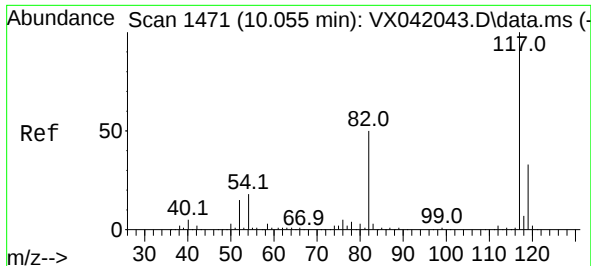
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 214.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

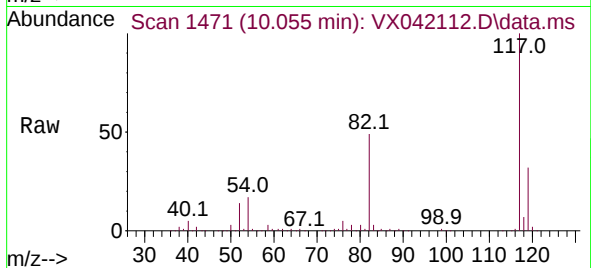
Tgt Ion: 95 Resp: 103192
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 96.1 0.0 131.0



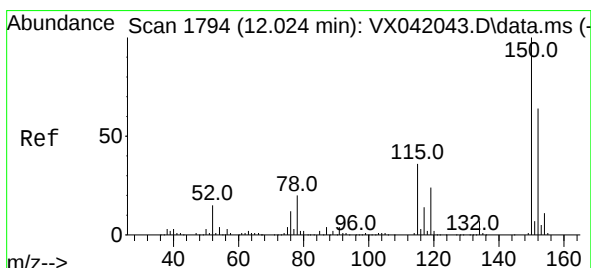
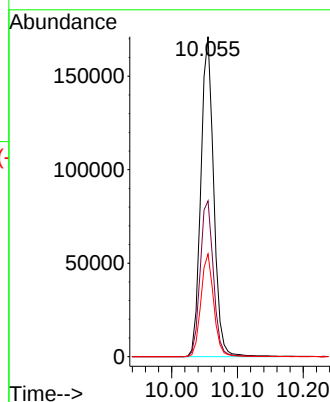
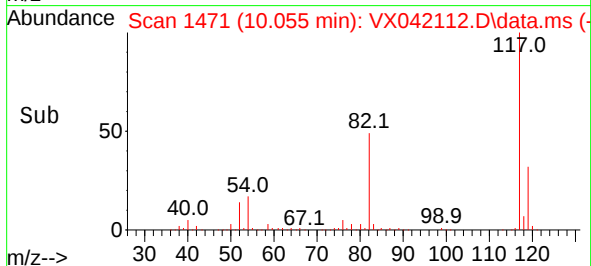


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

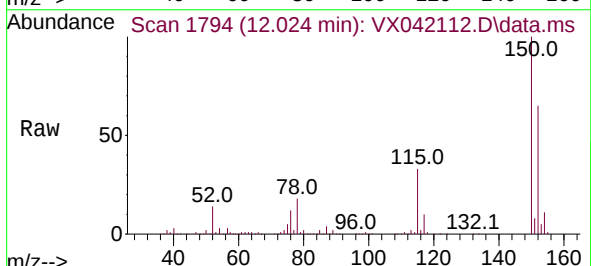
Instrument :
MSVOA_X
ClientSampleId :



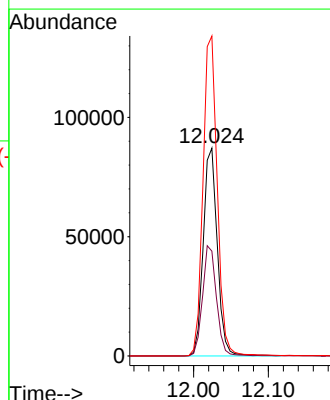
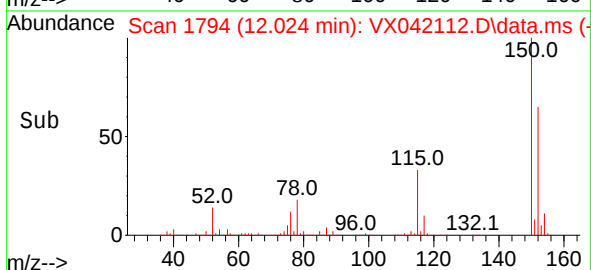
Tgt Ion:117 Resp: 233235
Ion Ratio Lower Upper
117 100
82 48.7 46.2 69.4
119 32.1 25.5 38.3

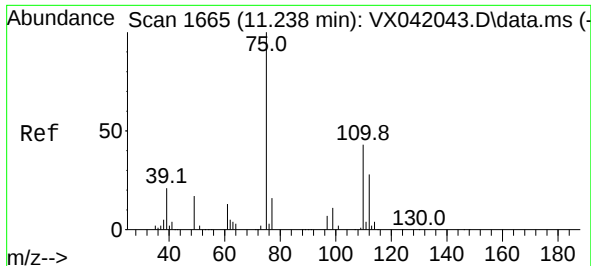


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22



Tgt Ion:152 Resp: 113821
Ion Ratio Lower Upper
152 100
115 52.6 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.854 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

Instrument :

MSVOA_X

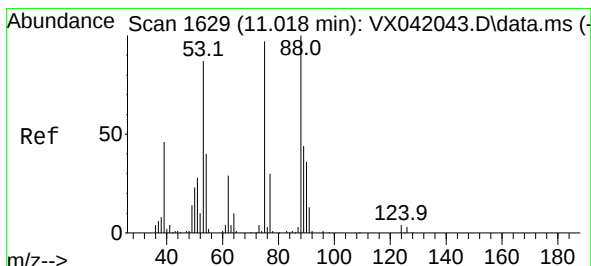
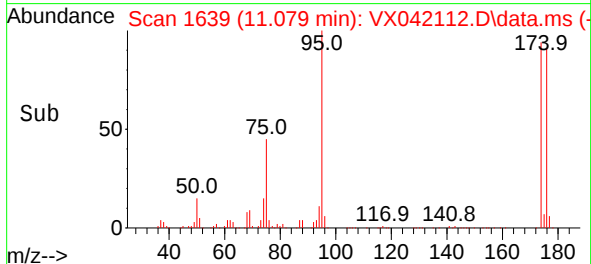
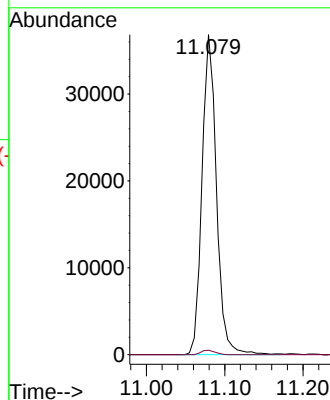
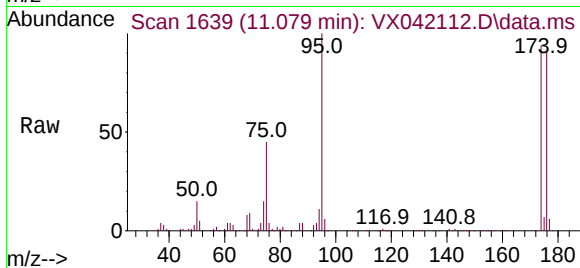
ClientSampleId :

Tgt Ion: 75 Resp: 47223

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.903 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042112.D

Acq: 01 Jul 2024 14:22

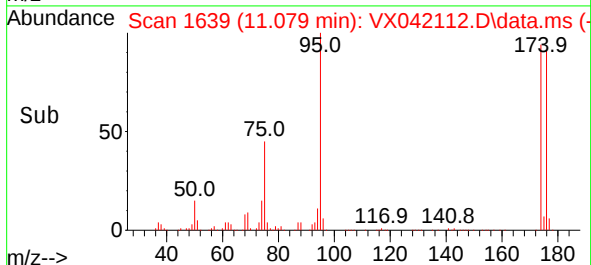
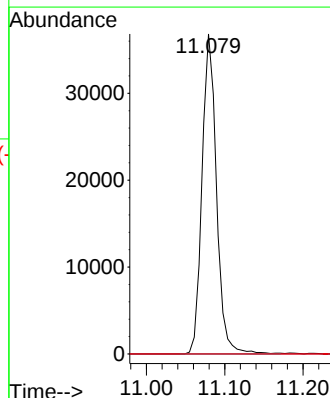
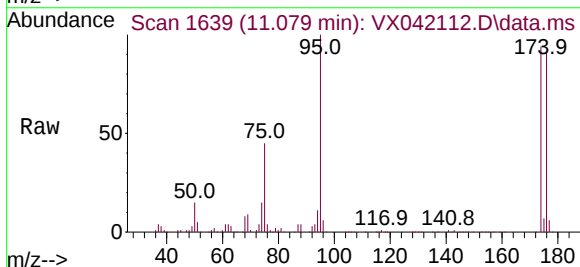
Tgt Ion: 75 Resp: 47223

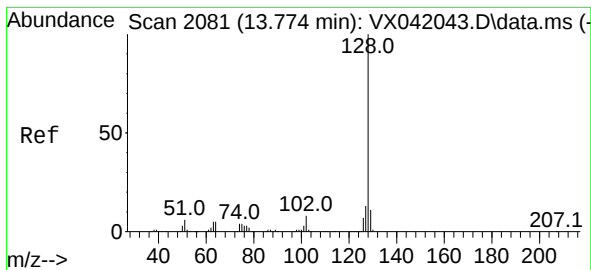
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

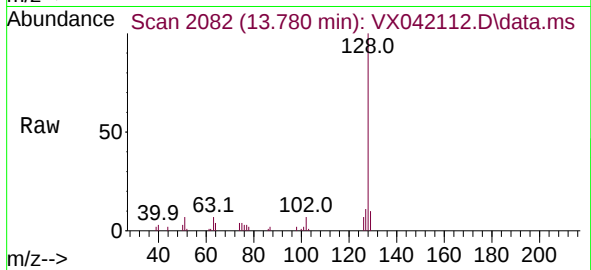
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 2.441 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042112.D
Acq: 01 Jul 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.3	15.5
129	10.4	8.8	13.2

