

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041498.D
 Acq On : 13 May 2024 17:45
 Operator : JC/MD
 Sample : P2449-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

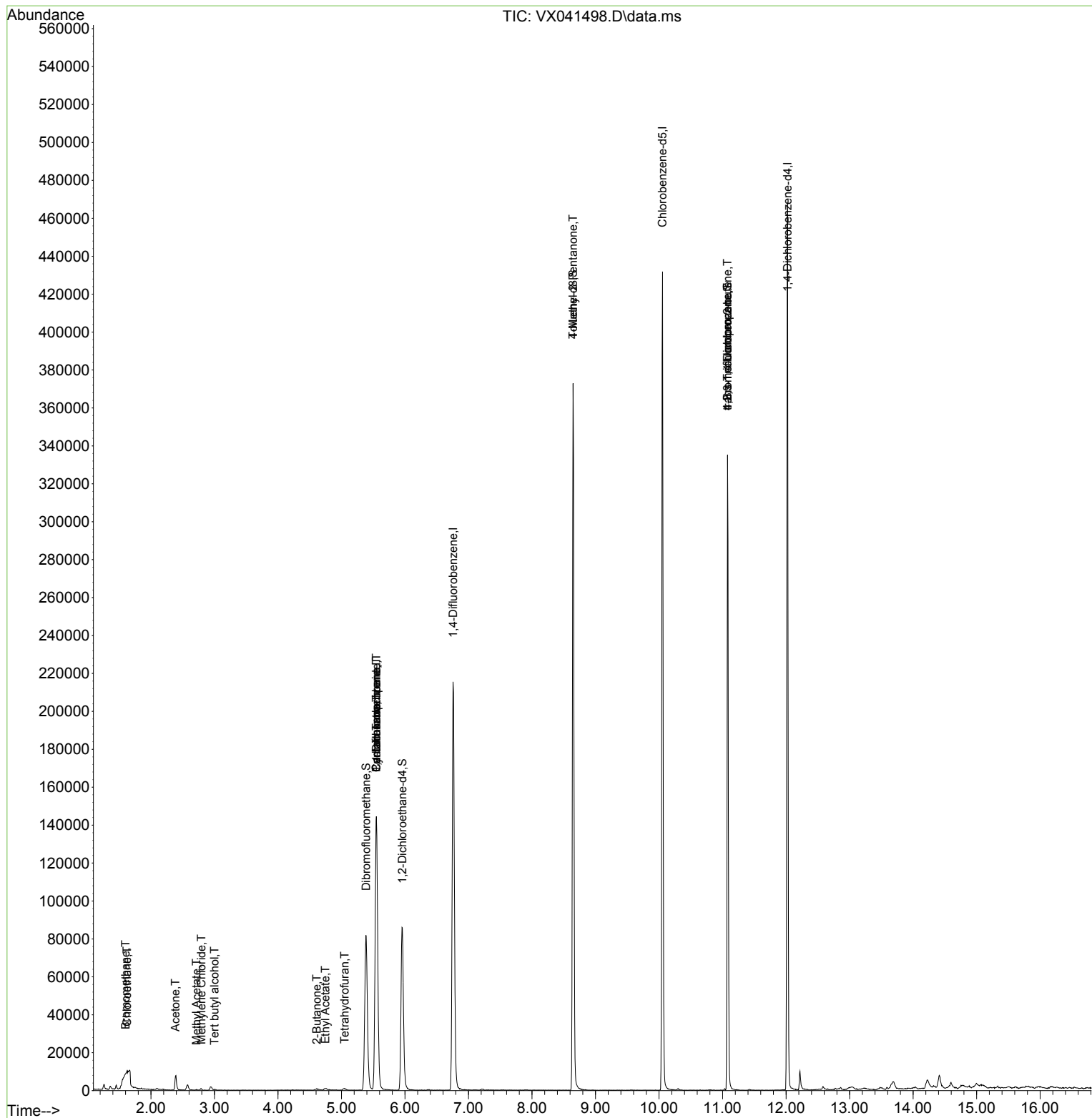
Internal Standards						
1) Pentafluorobenzene	5.550	168	153873	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87577	52.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.560%	
35) Dibromofluoromethane	5.385	113	70234	45.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.340%	
50) Toluene-d8	8.647	98	221138	44.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 89.860%#	
62) 4-Bromofluorobenzene	11.079	95	79964	41.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	286	0.366	ug/l	92
6) Chloroethane	1.623	64	288	0.497	ug/l #	43
11) Tert butyl alcohol	3.001	59	492	1.467	ug/l #	78
16) Acetone	2.386	43	9159	8.640	ug/l	96
18) Methyl Acetate	2.715	43	403	0.235	ug/l #	53
20) Methylene Chloride	2.794	84	488	0.336	ug/l #	76
25) 2-Butanone	4.611	43	556	0.513	ug/l	93
29) Tetrahydrofuran	5.050	42	998	1.408	ug/l #	74
31) Cyclohexane	5.550	56	2703	1.337	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	9812	5.277	ug/l #	51
37) Ethyl Acetate	4.745	43	1855	0.800	ug/l #	84
38) Carbon Tetrachloride	5.550	117	13415	6.298	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1008	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41605	23.615	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41605	64.324	ug/l #	5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
Data File : VX041498.D
Acq On : 13 May 2024 17:45
Operator : JC/MD
Sample : P2449-06RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

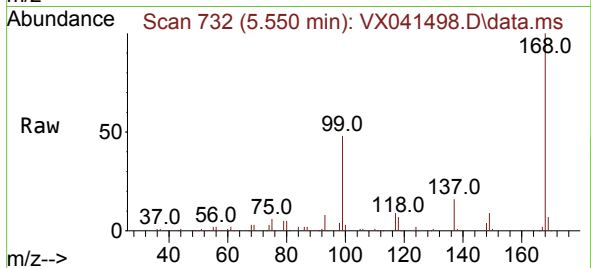
Quant Time: May 14 01:36:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



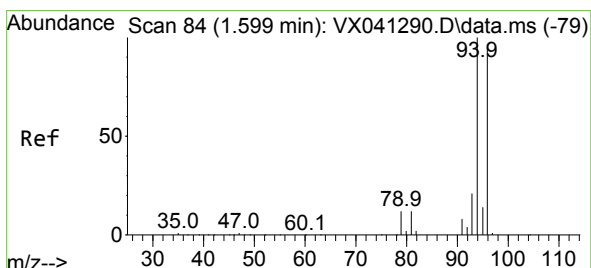
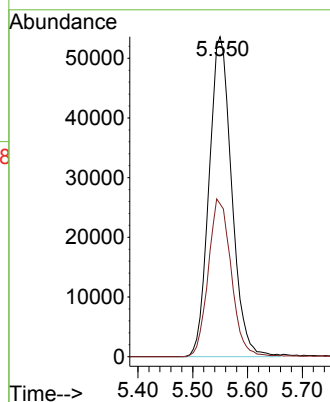
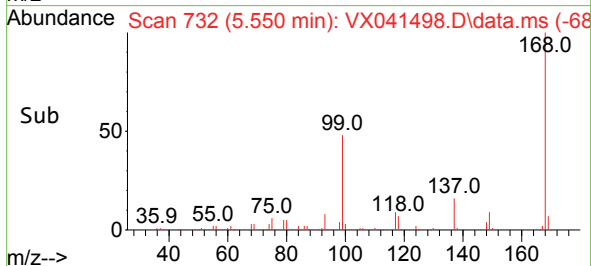


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Instrument :
MSVOA_X
ClientSampleId :

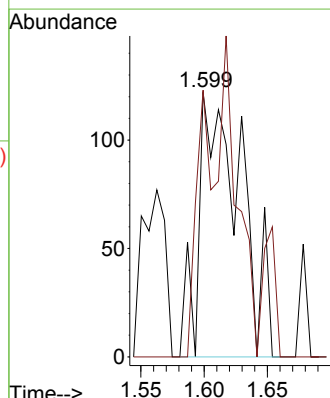
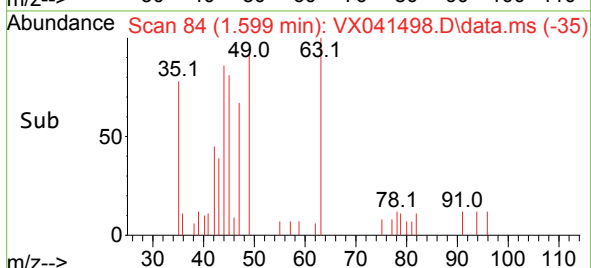
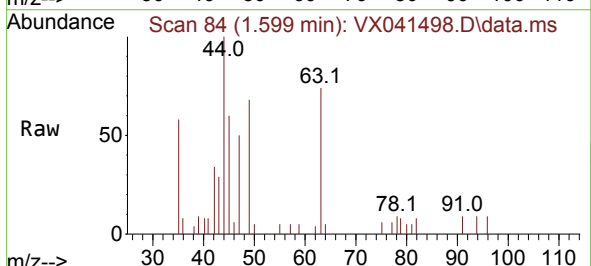


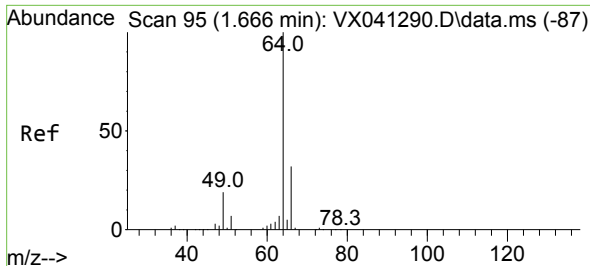
Tgt Ion:168 Resp: 153873
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#5
Bromomethane
Concen: 0.366 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

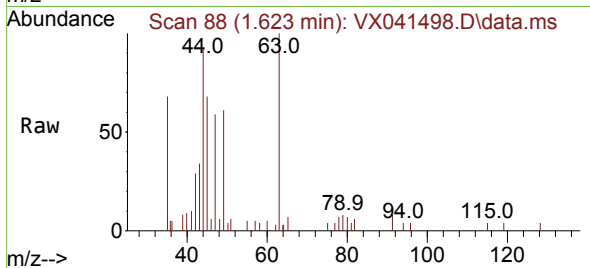
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 100.8 74.6 111.8



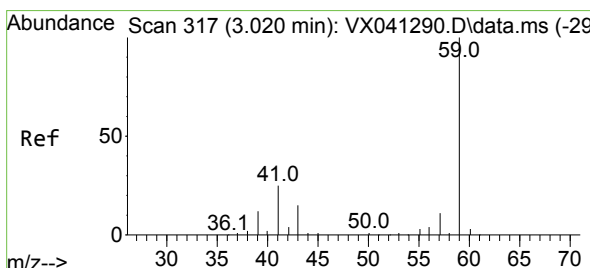
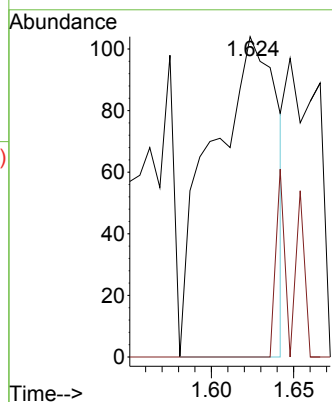
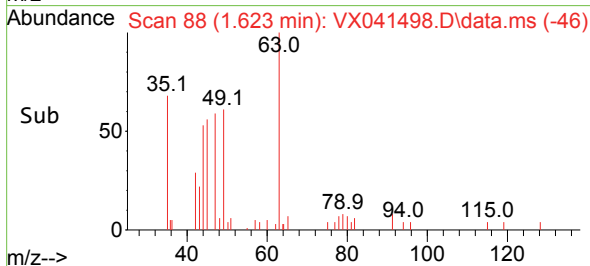


#6
Chloroethane
Concen: 0.497 ug/l
RT: 1.623 min Scan# 81
Delta R.T. -0.043 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Instrument :
MSVOA_X
ClientSampleId :

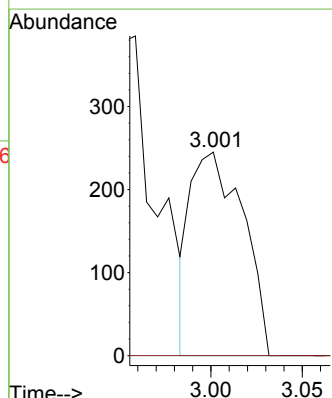
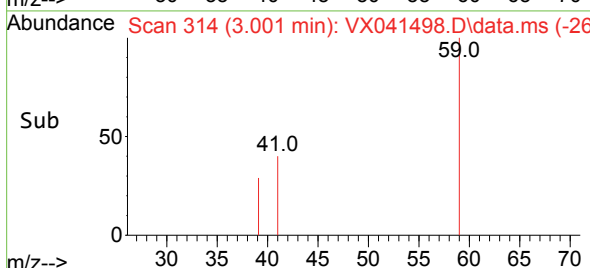
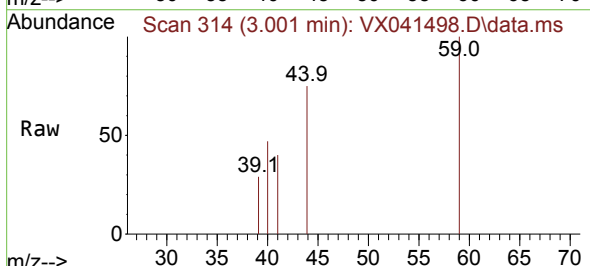


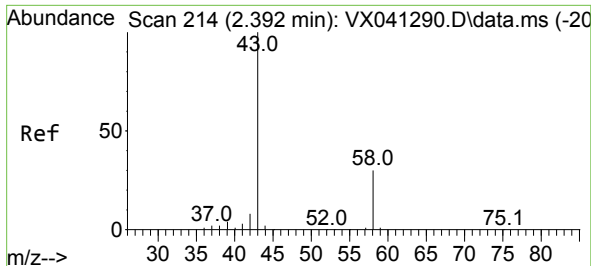
Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.467 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.018 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

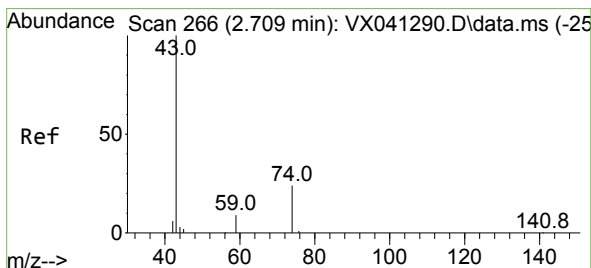
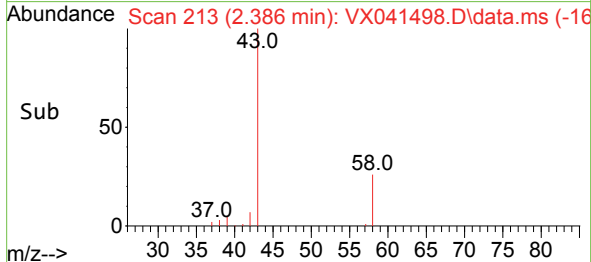
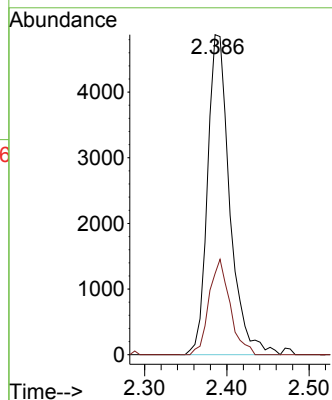
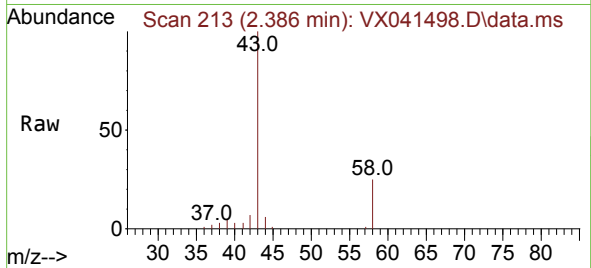




#16
Acetone
Concen: 8.640 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

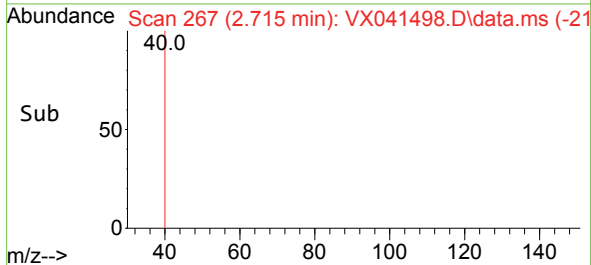
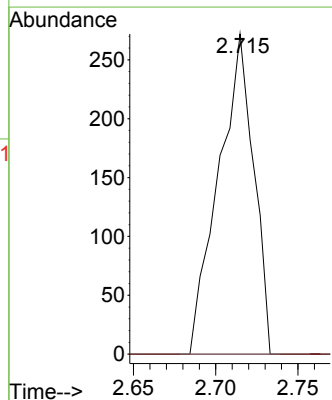
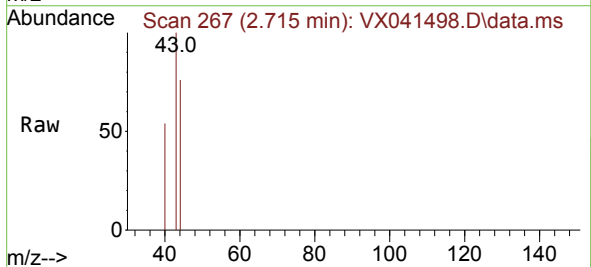
Instrument :
MSVOA_X
ClientSampleId :

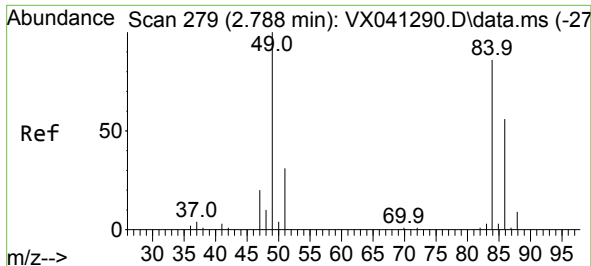
Tgt Ion: 43 Resp: 9159
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: 0.336 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

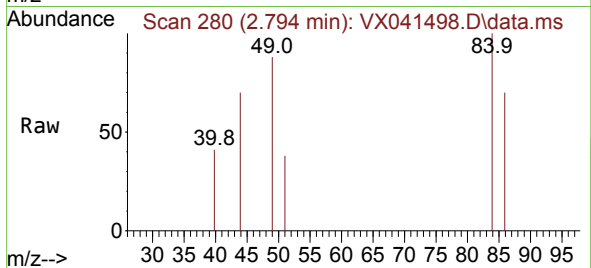
Lab File: VX041498.D

Acq: 13 May 2024 17:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 488

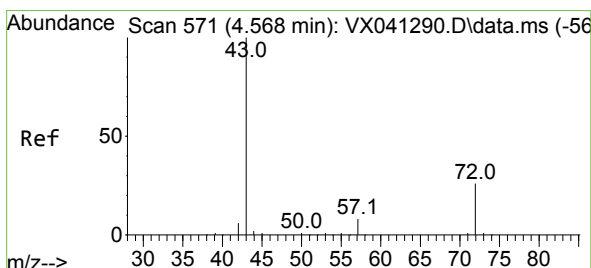
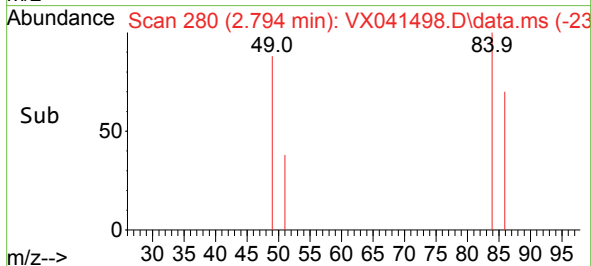
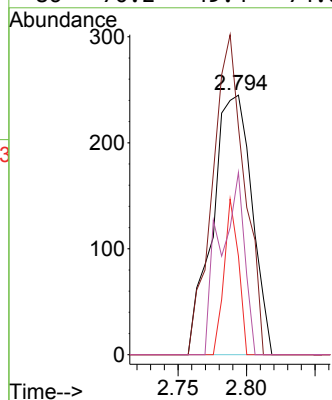
Ion Ratio Lower Upper

84 100

49 87.8 103.6 155.4#

51 38.0 33.8 50.6

86 70.2 49.4 74.0



#25

2-Butanone

Concen: 0.513 ug/l

RT: 4.611 min Scan# 578

Delta R.T. 0.043 min

Lab File: VX041498.D

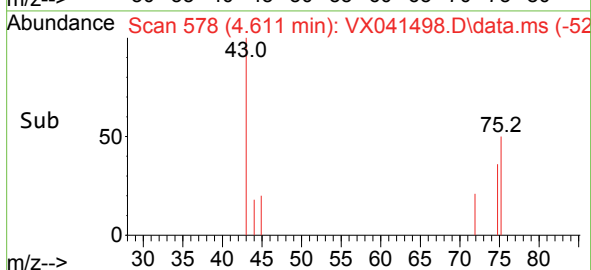
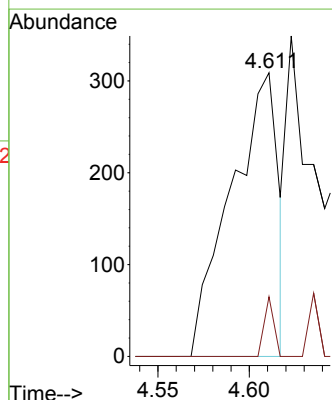
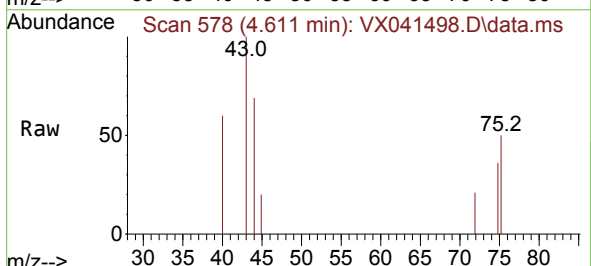
Acq: 13 May 2024 17:45

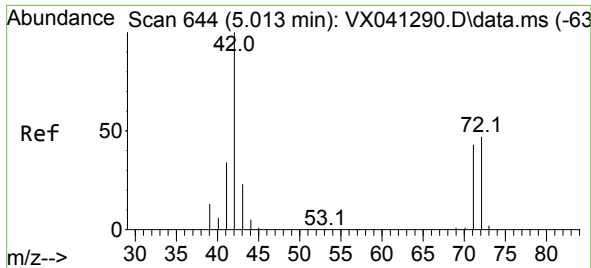
Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

72 21.0 19.4 29.2





#29

Tetrahydrofuran

Concen: 1.408 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

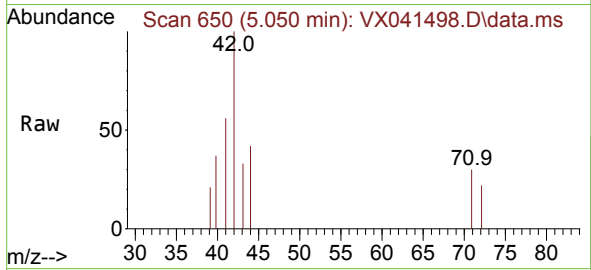
Lab File: VX041498.D

Acq: 13 May 2024 17:45

Instrument :

MSVOA_X

ClientSampleId :



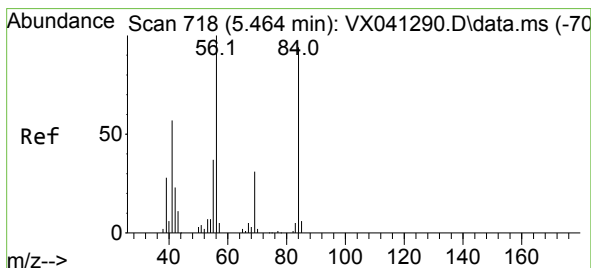
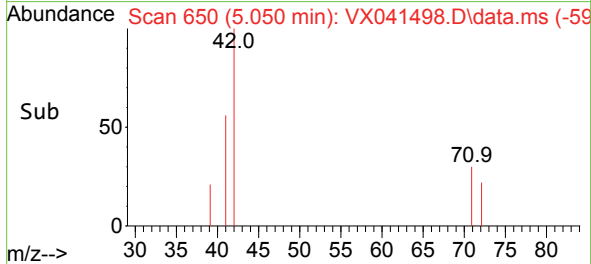
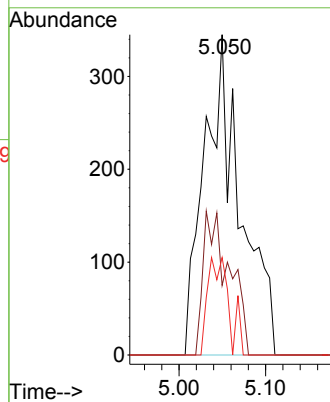
Tgt Ion: 42 Resp: 998

Ion Ratio Lower Upper

42 100

72 32.7 34.2 51.4#

71 17.9 32.2 48.2#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041498.D

Acq: 13 May 2024 17:45

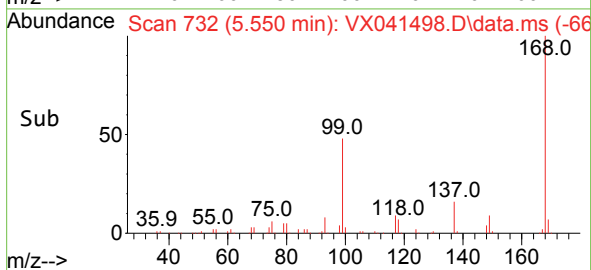
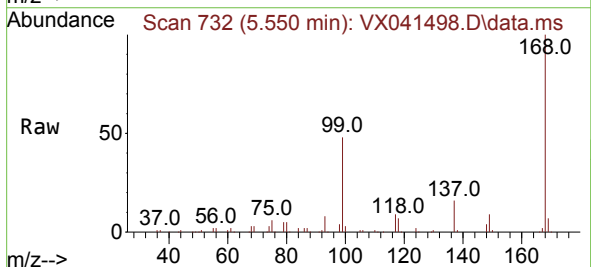
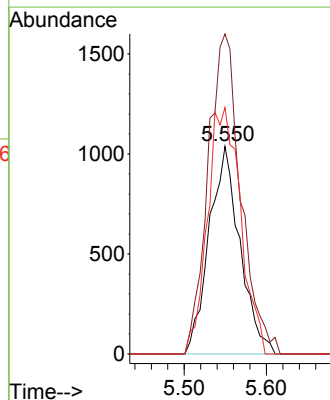
Tgt Ion: 56 Resp: 2703

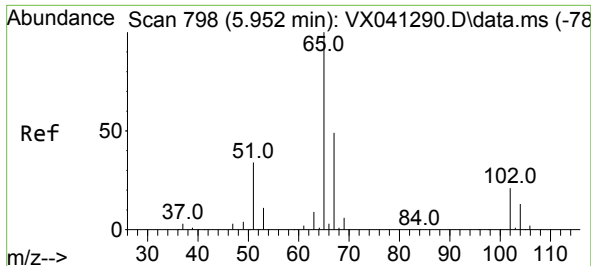
Ion Ratio Lower Upper

56 100

69 154.1 23.4 35.2#

84 118.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.281 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041498.D

Acq: 13 May 2024 17:45

Instrument :

MSVOA_X

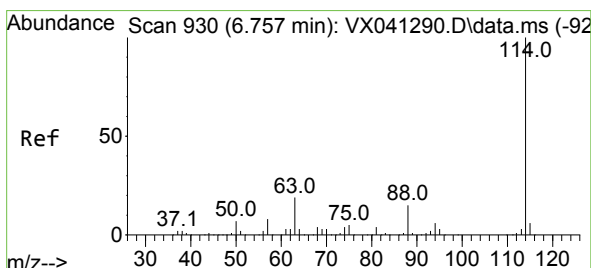
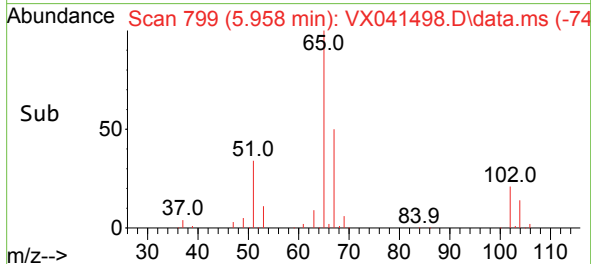
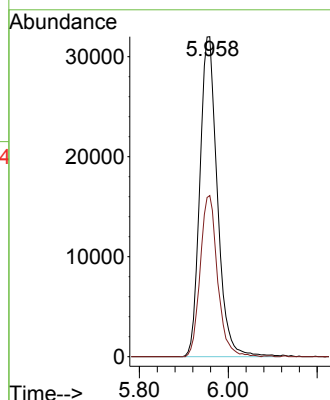
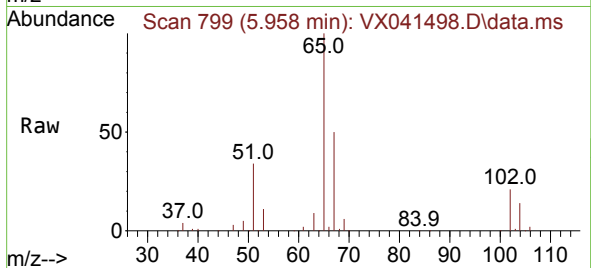
ClientSampleId :

Tgt Ion: 65 Resp: 87577

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041498.D

Acq: 13 May 2024 17:45

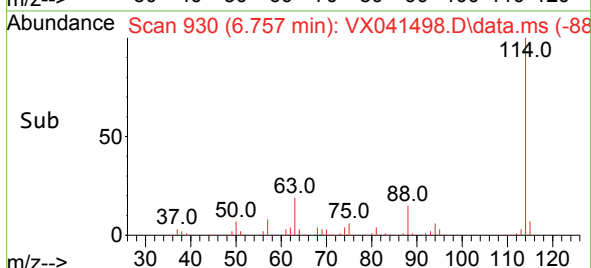
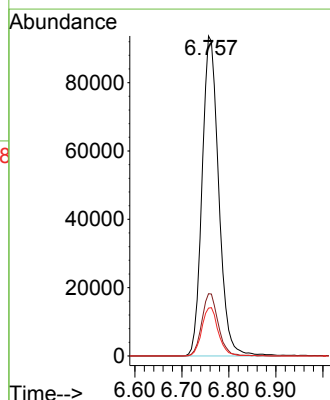
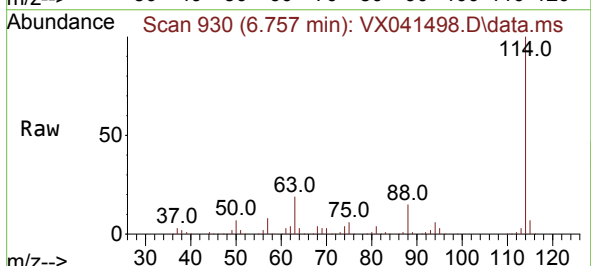
Tgt Ion: 114 Resp: 229443

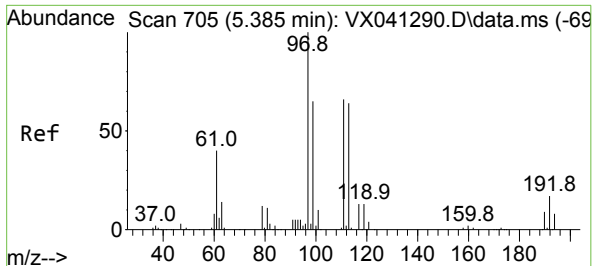
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

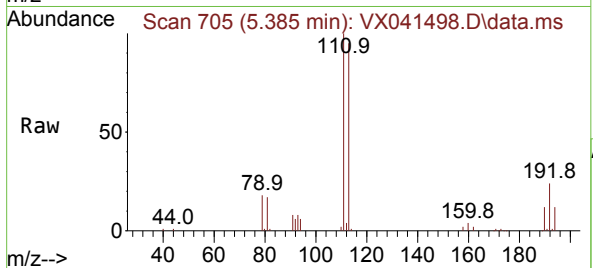
88 15.0 0.0 36.6



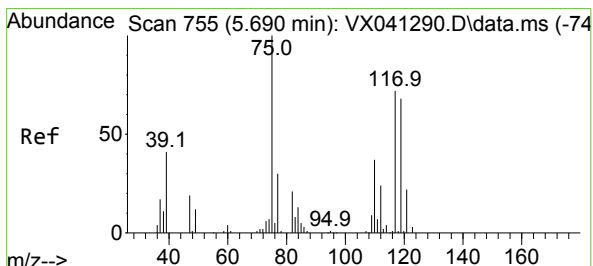
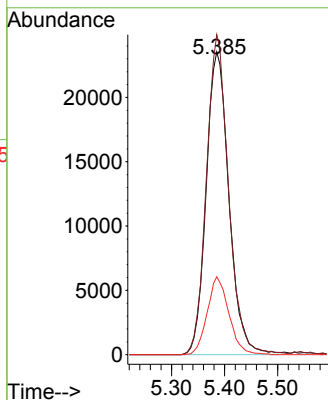
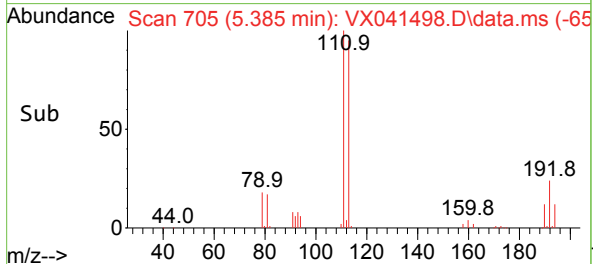


#35
Dibromofluoromethane
Concen: 45.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Instrument :
MSVOA_X
ClientSampleId :

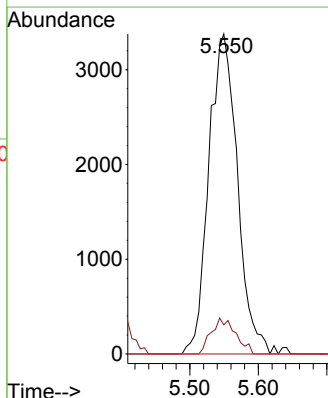
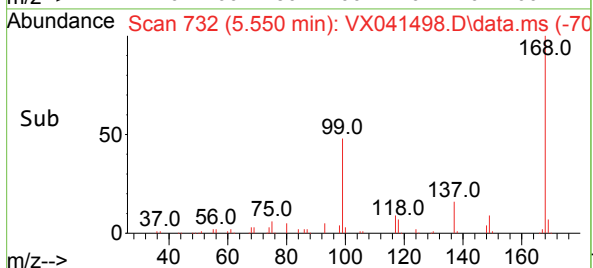
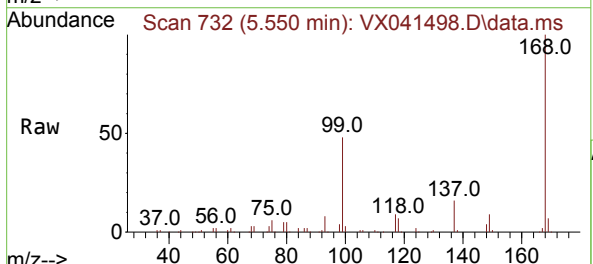


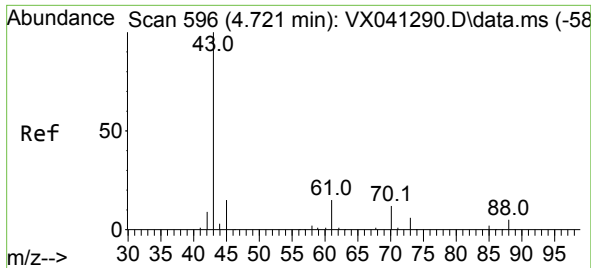
Tgt Ion:113 Resp: 70234
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 24.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Tgt Ion: 75 Resp: 9812
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.800 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX041498.D

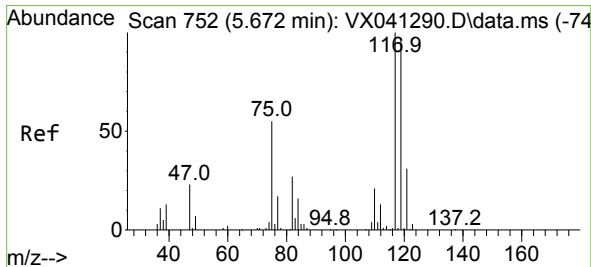
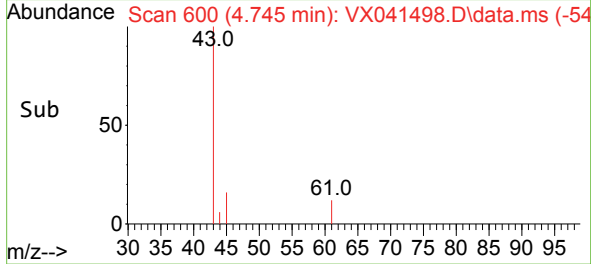
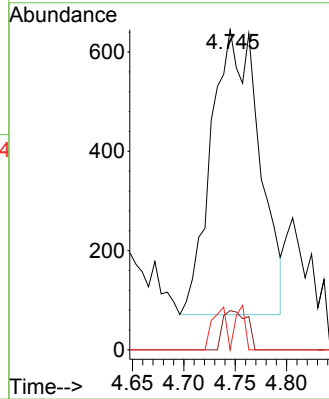
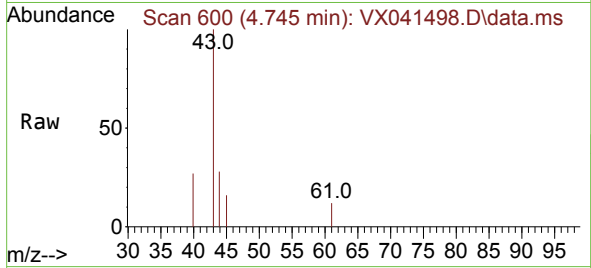
Acq: 13 May 2024 17:45

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43	Resp: 1855
Ion Ratio	Lower Upper
43	100
61	7.0 10.6 16.0#
70	4.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.298 ug/l

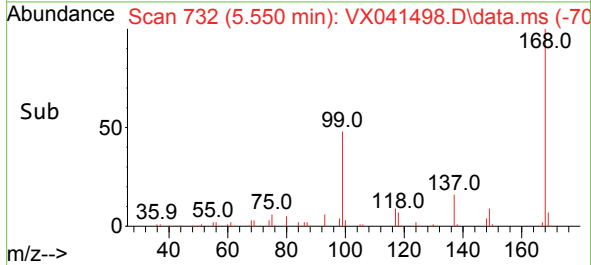
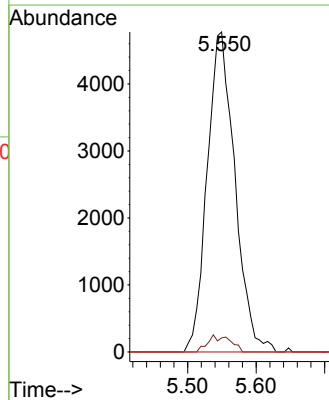
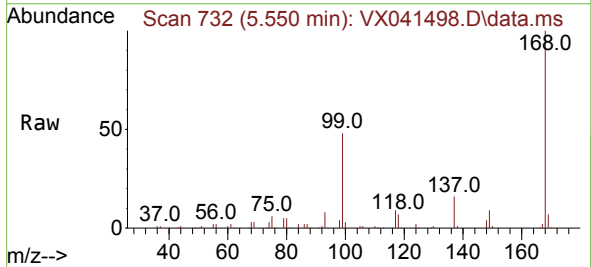
RT: 5.550 min Scan# 732

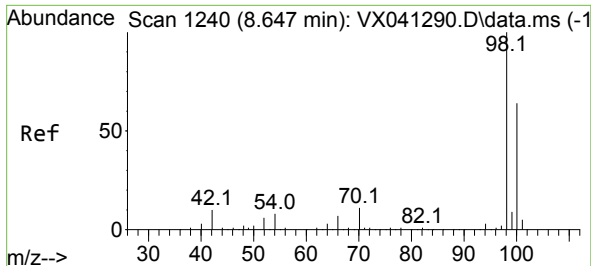
Delta R.T. -0.122 min

Lab File: VX041498.D

Acq: 13 May 2024 17:45

Tgt Ion: 117	Resp: 13415
Ion Ratio	Lower Upper
117	100
119	4.4 78.2 117.2#
121	0.0 24.4 36.6#

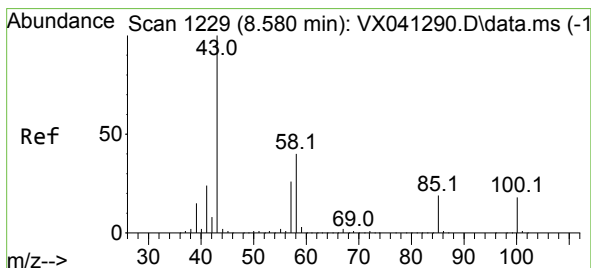
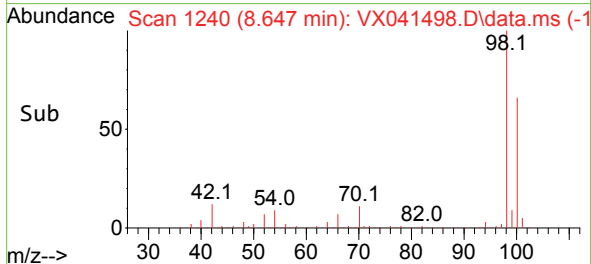
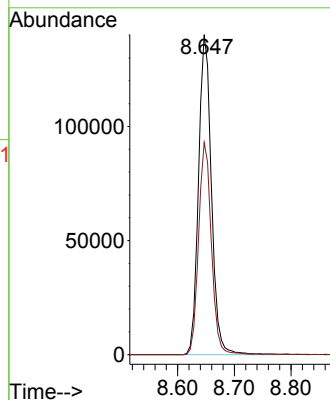
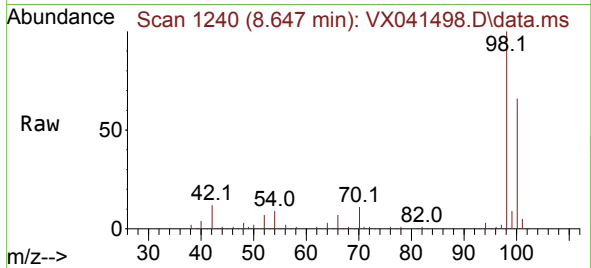




#50
Toluene-d8
Concen: 44.935 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

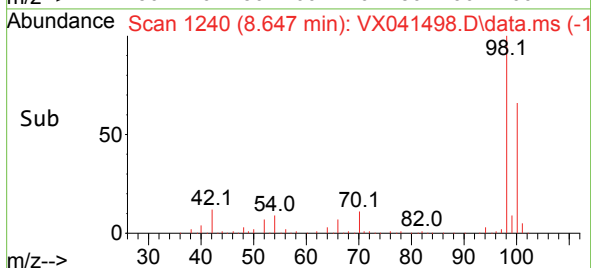
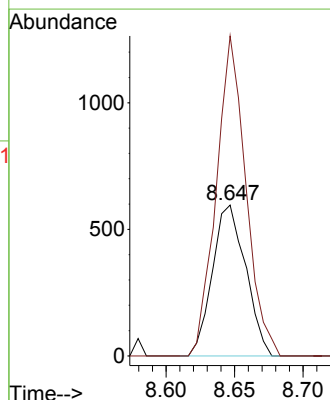
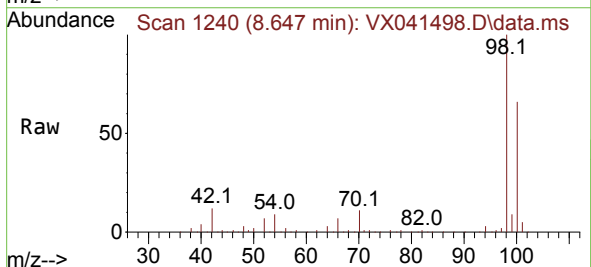
Instrument :
MSVOA_X
ClientSampleId :

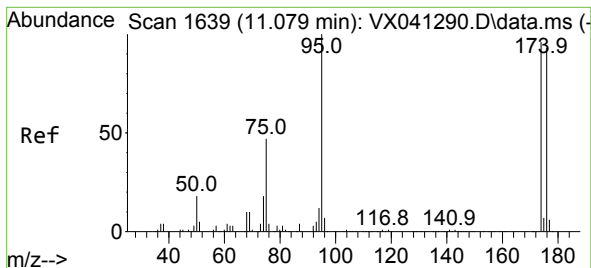
Tgt Ion: 98 Resp: 221138
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 188.7 30.4 45.6#

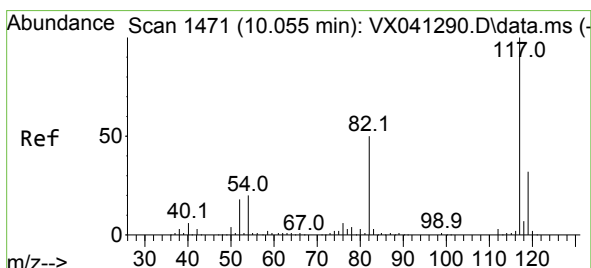
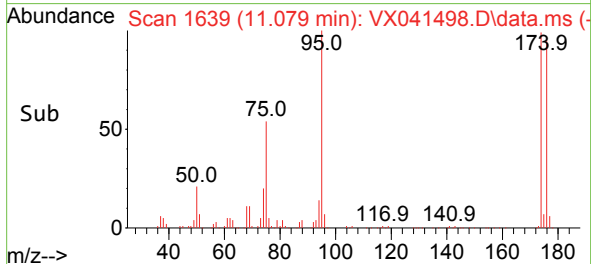
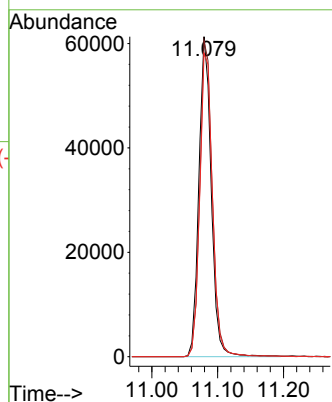
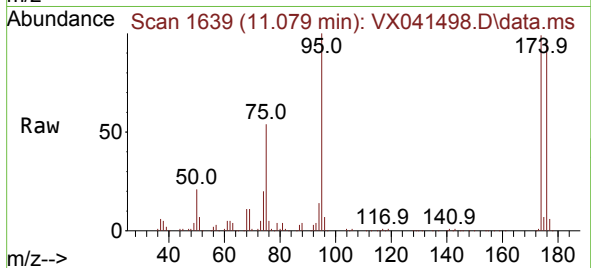




#62
4-Bromofluorobenzene
Concen: 41.974 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

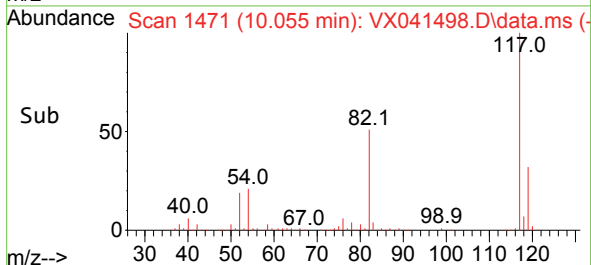
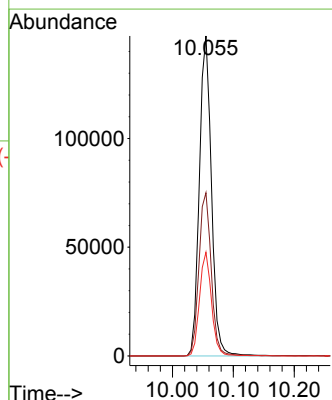
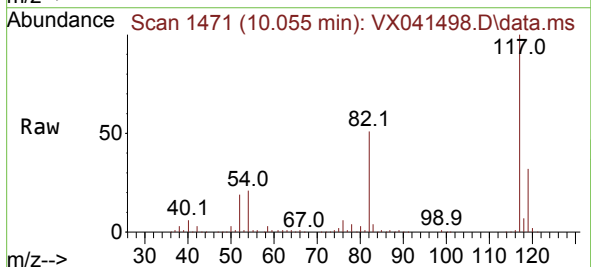
Instrument :
MSVOA_X
ClientSampleId :

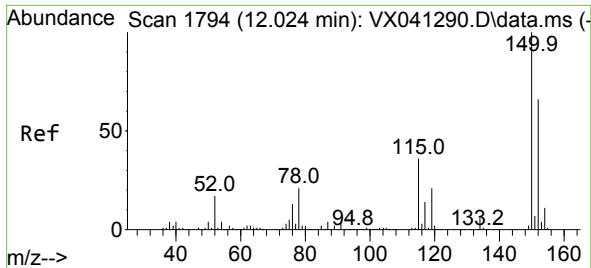
Tgt Ion: 95 Resp: 79964
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:45

Tgt Ion: 117 Resp: 202972
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.4 25.5 38.3

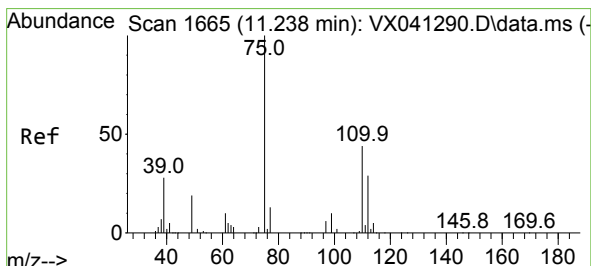
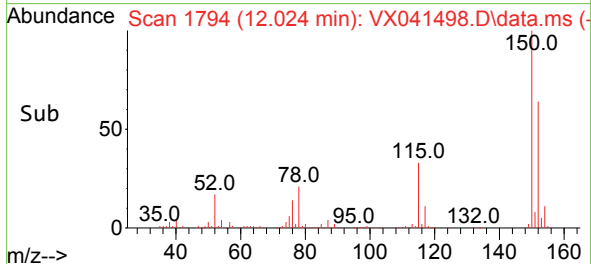
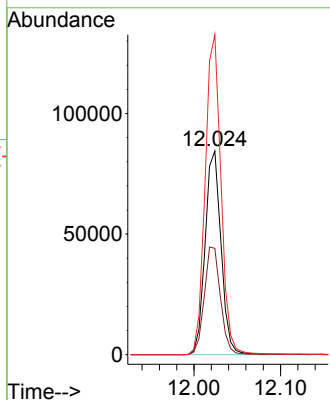
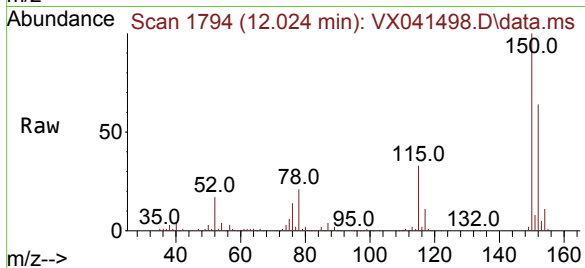




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041498.D
 Acq: 13 May 2024 17:45

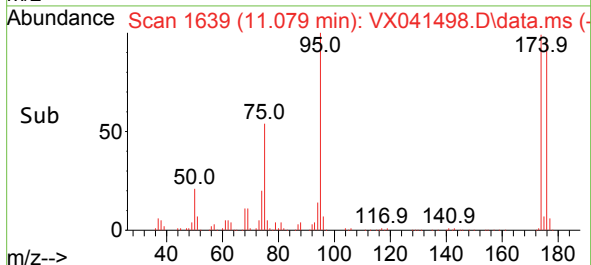
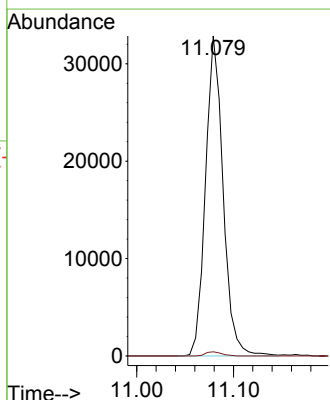
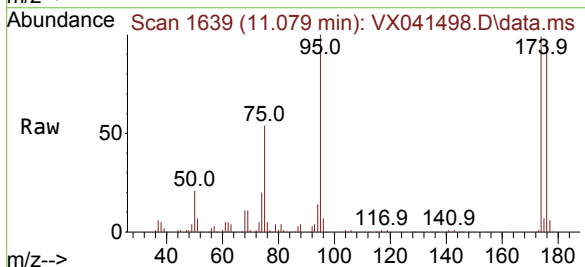
Instrument :
 MSVOA_X
 ClientSampleId :

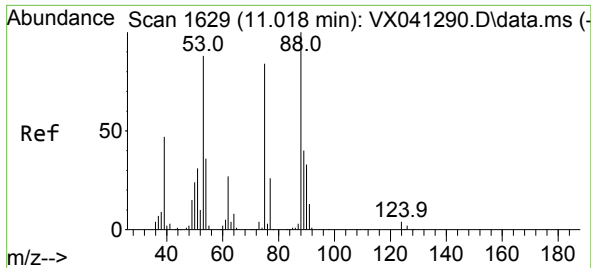
Tgt Ion:152 Resp: 108107
 Ion Ratio Lower Upper
 152 100
 115 54.1 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.615 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041498.D
 Acq: 13 May 2024 17:45

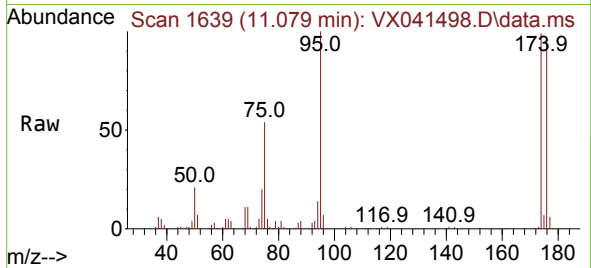
Tgt Ion: 75 Resp: 41605
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.324 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041498.D
 Acq: 13 May 2024 17:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41605
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

