

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041499.D
 Acq On : 13 May 2024 18:08
 Operator : JC/MD
 Sample : P2450-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:36:23 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)

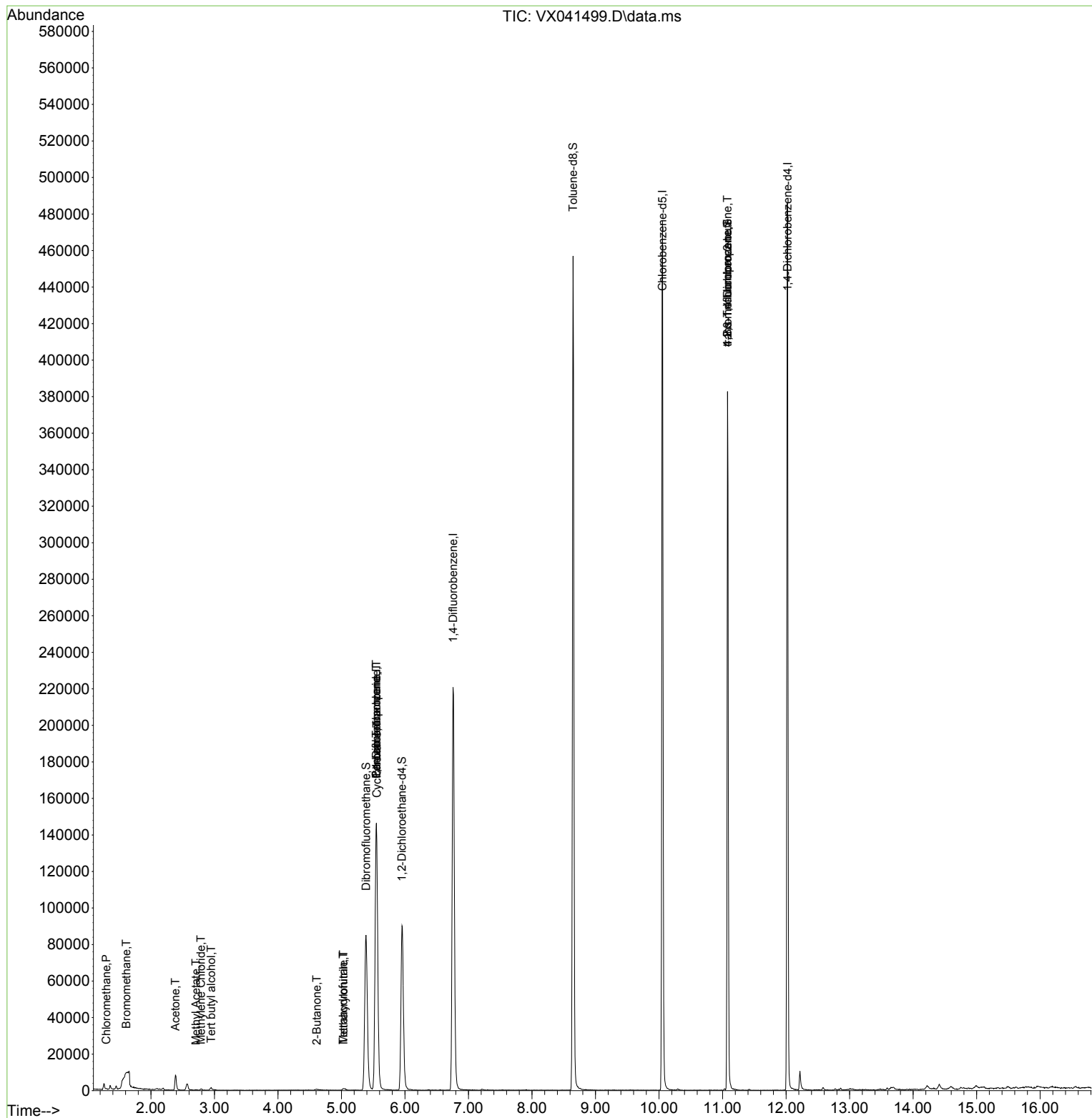
Internal Standards						
1) Pentafluorobenzene	5.550	168	157457	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	236775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90733	52.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.860%	
35) Dibromofluoromethane	5.385	113	74087	46.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.340%	
50) Toluene-d8	8.647	98	275247	54.198	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	11.079	95	92389	46.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	339	0.253	ug/l	95
5) Bromomethane	1.611	94	281	0.351	ug/l #	79
11) Tert butyl alcohol	2.946	59	1468	4.279	ug/l #	78
16) Acetone	2.386	43	9346	8.605	ug/l	98
18) Methyl Acetate	2.709	43	424	0.242	ug/l #	53
20) Methylene Chloride	2.788	84	357	0.240	ug/l #	86
25) 2-Butanone	4.611	43	660	0.595	ug/l #	51
29) Tetrahydrofuran	5.025	42	450	0.620	ug/l	99
31) Cyclohexane	5.556	56	2808	1.357	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	10012	5.218	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14063	6.398	ug/l #	15
41) Methacrylonitrile	5.031	41	284	0.230	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	47358	26.004	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47358	70.831	ug/l #	5

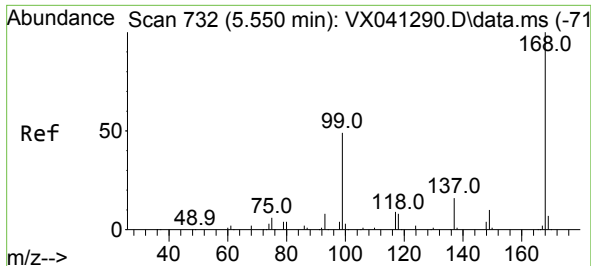
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

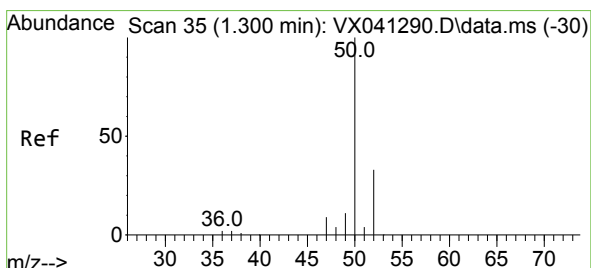
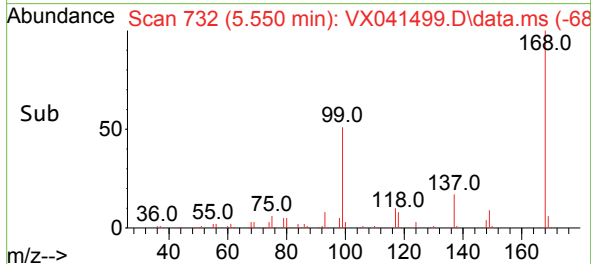
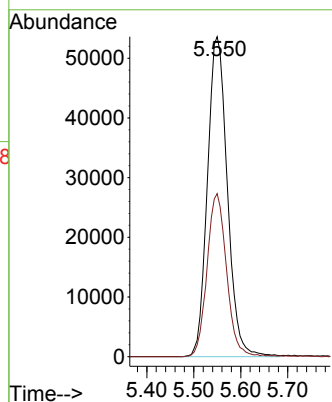
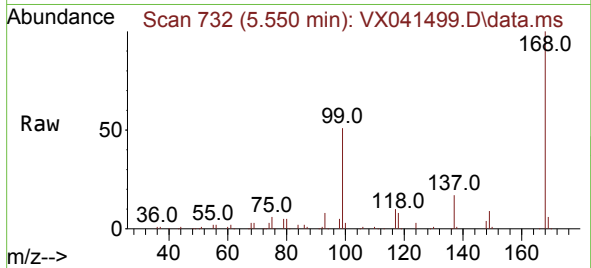




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

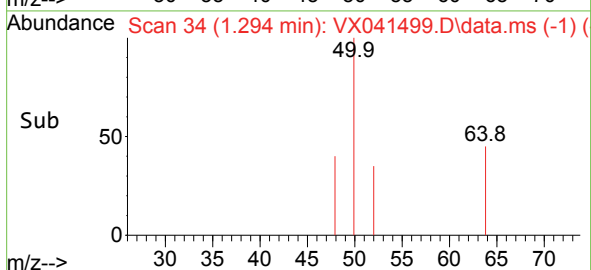
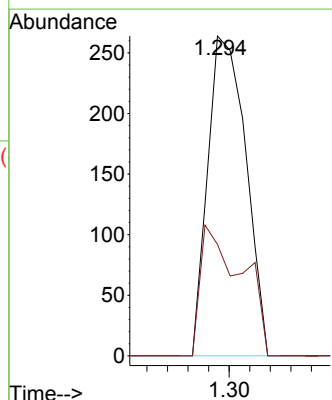
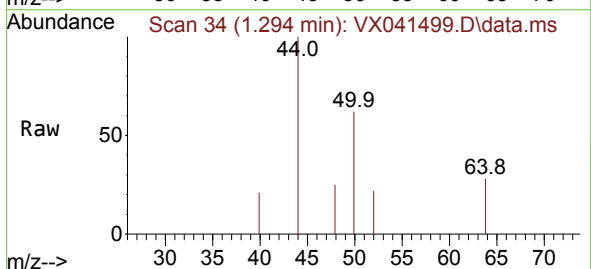
Instrument :
MSVOA_X
ClientSampleId :

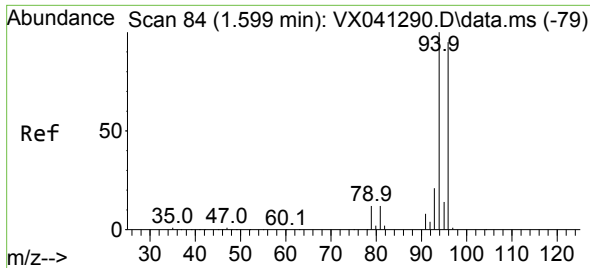
Tgt Ion:168 Resp: 157457
Ion Ratio Lower Upper
168 100
99 50.9 56.6 85.0#



#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

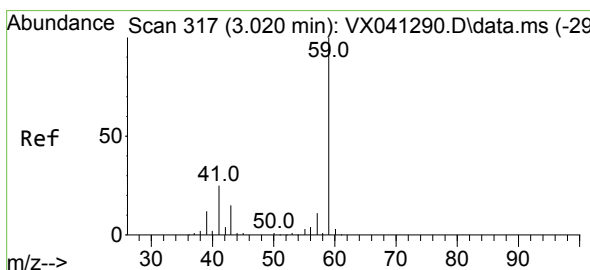
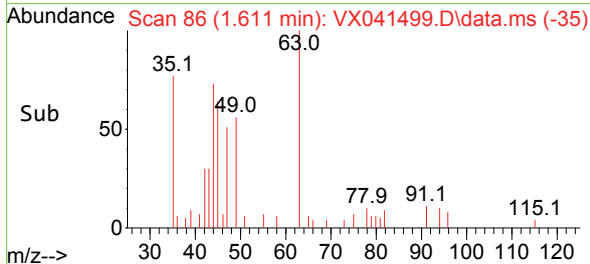
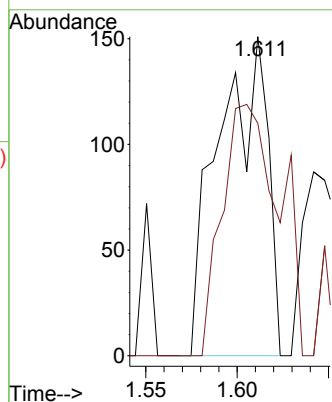
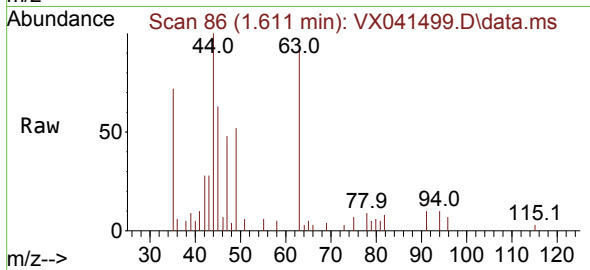




#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

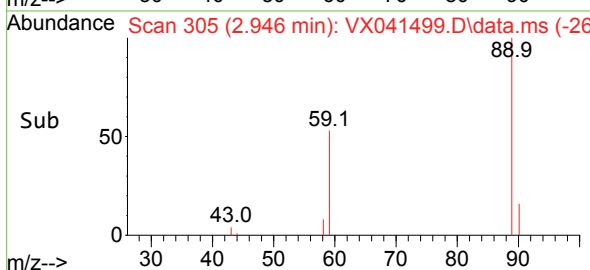
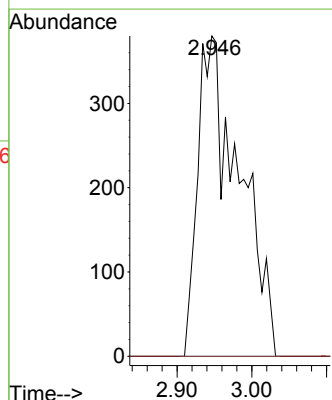
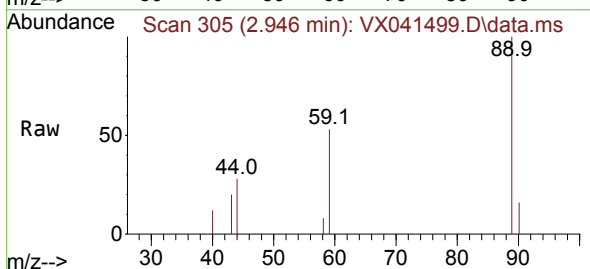
Instrument :
MSVOA_X
ClientSampleId :

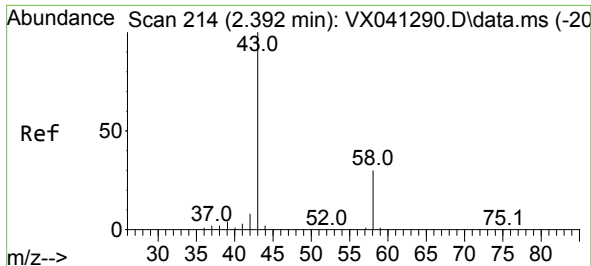
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 72.8 74.6 111.8#



#11
Tert butyl alcohol
Concen: 4.279 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Tgt Ion: 59 Resp: 1468
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 8.605 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041499.D

Acq: 13 May 2024 18:08

Instrument :

MSVOA_X

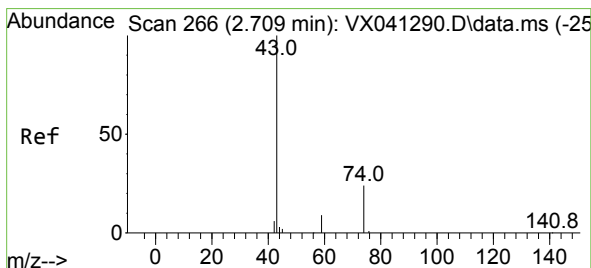
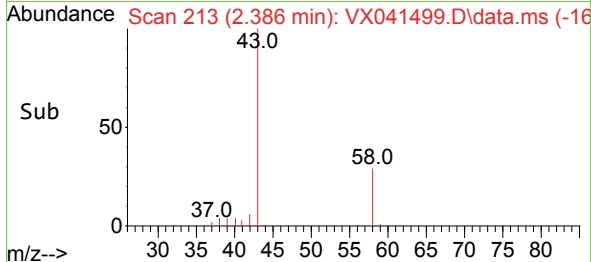
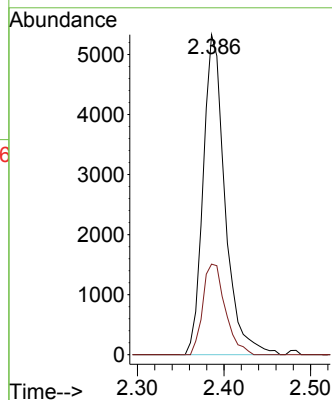
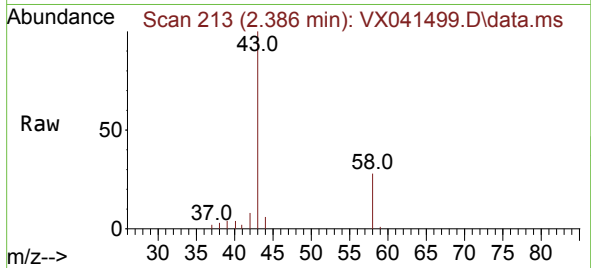
ClientSampleId :

Tgt Ion: 43 Resp: 9346

Ion Ratio Lower Upper

43 100

58 28.3 21.9 32.9



#18

Methyl Acetate

Concen: 0.242 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX041499.D

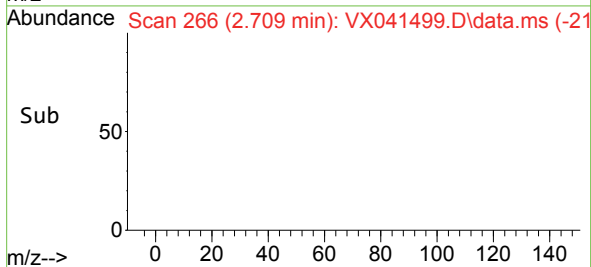
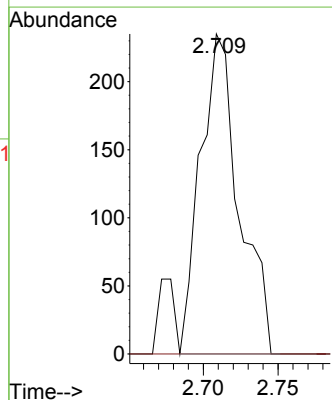
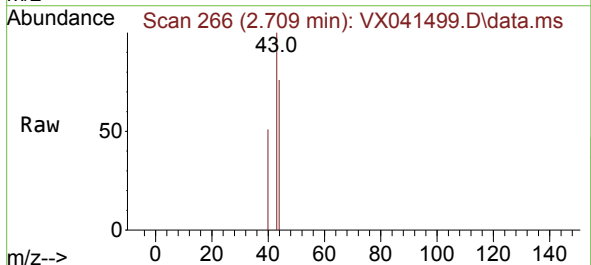
Acq: 13 May 2024 18:08

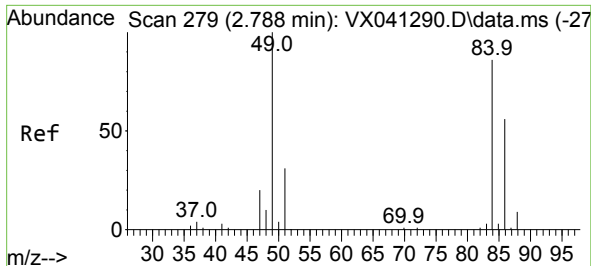
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

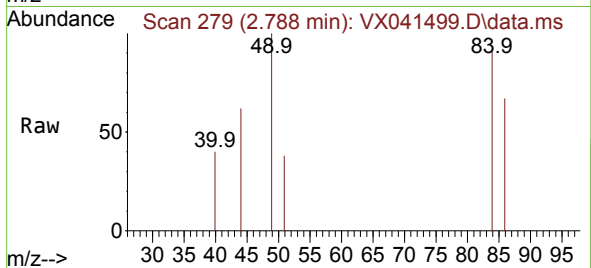
74 0.0 17.8 26.8#



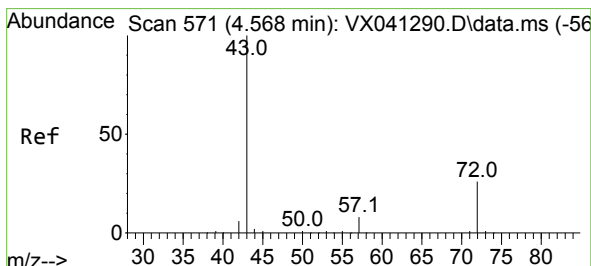
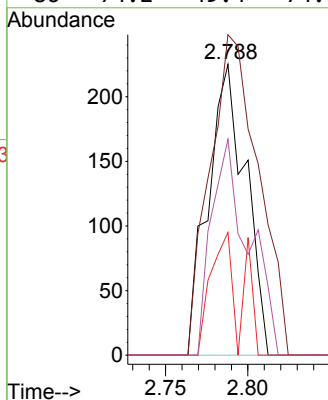
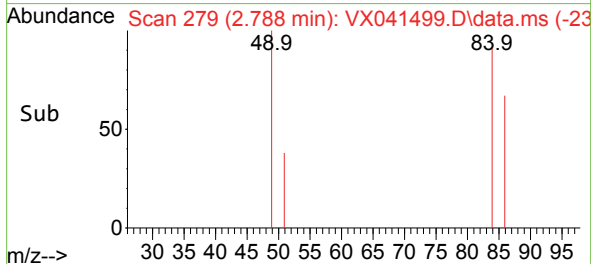


#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Instrument :
MSVOA_X
ClientSampleId :

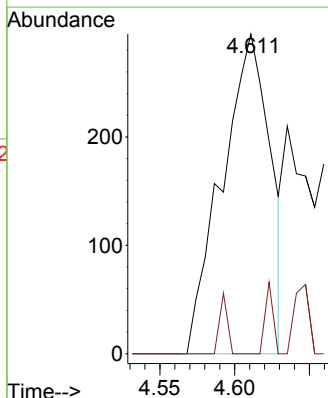
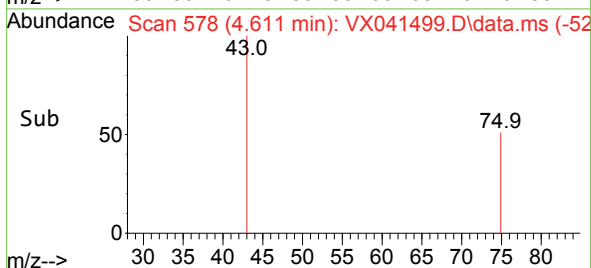
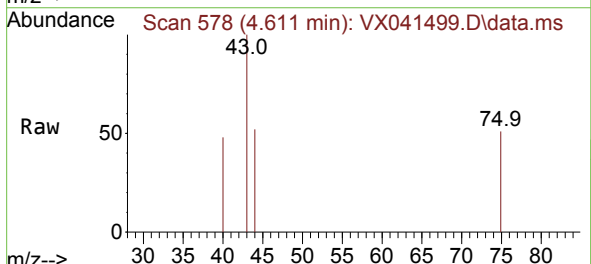


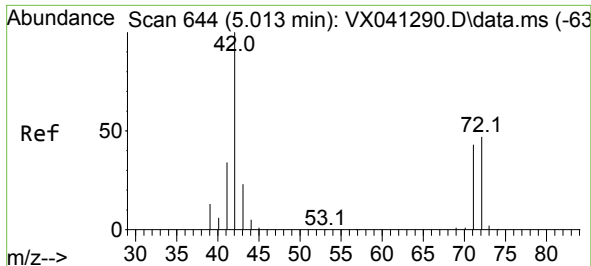
Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 110.2 103.6 155.4
51 42.2 33.8 50.6
86 74.2 49.4 74.0#



#25
2-Butanone
Concen: 0.595 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.043 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.620 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

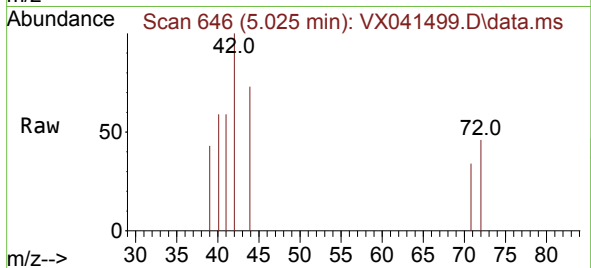
Lab File: VX041499.D

Acq: 13 May 2024 18:08

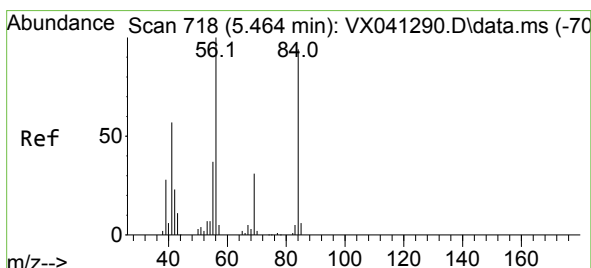
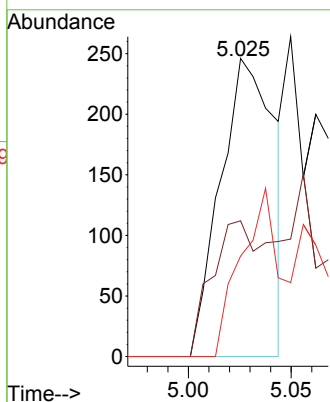
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	450
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.4
71	40.9	32.2	48.2



#31

Cyclohexane

Concen: 1.357 ug/l

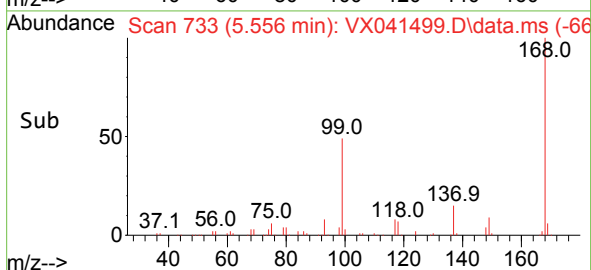
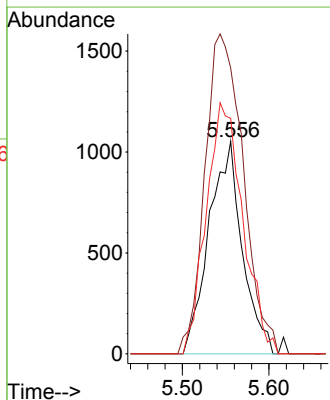
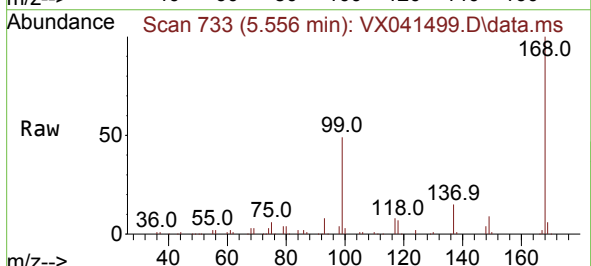
RT: 5.556 min Scan# 733

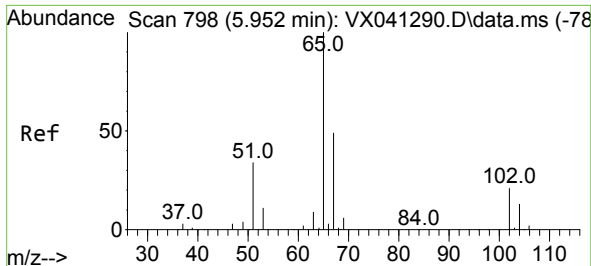
Delta R.T. 0.091 min

Lab File: VX041499.D

Acq: 13 May 2024 18:08

Tgt Ion:	56	Resp:	2808
Ion	Ratio	Lower	Upper
56	100		
69	134.5	23.4	35.2#
84	110.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.932 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041499.D

Acq: 13 May 2024 18:08

Instrument :

MSVOA_X

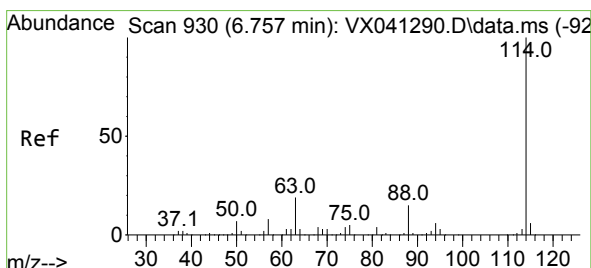
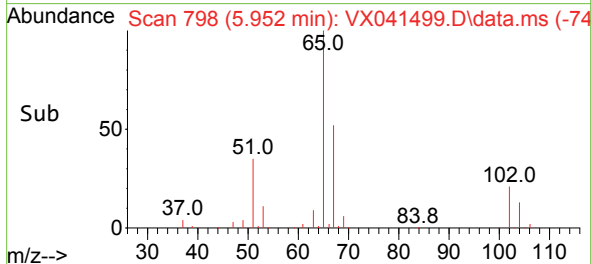
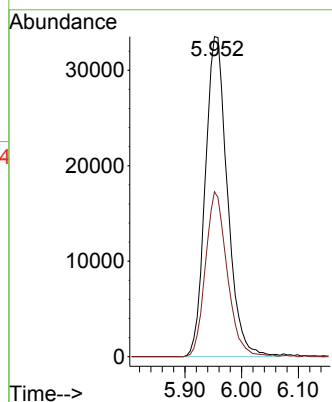
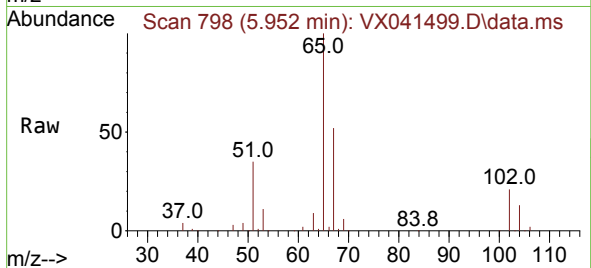
ClientSampleId :

Tgt Ion: 65 Resp: 90733

Ion Ratio Lower Upper

65 100

67 50.7 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: VX041499.D

Acq: 13 May 2024 18:08

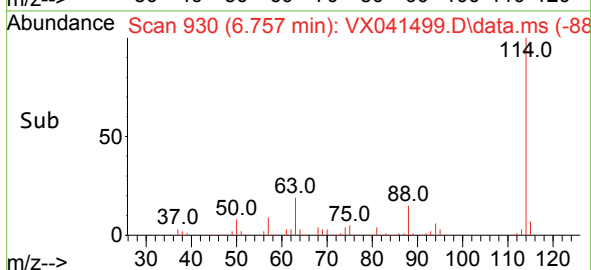
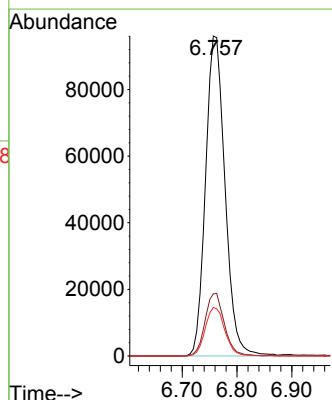
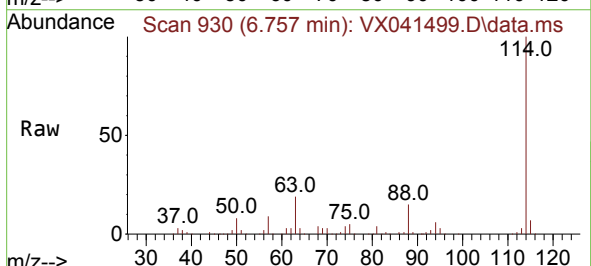
Tgt Ion: 114 Resp: 236775

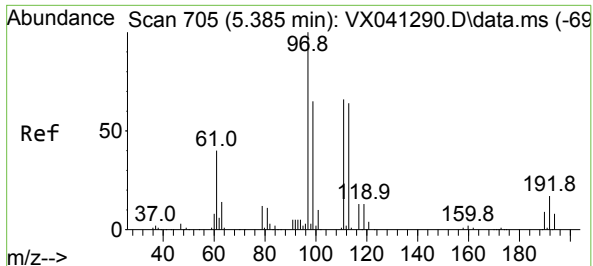
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.2 0.0 36.6

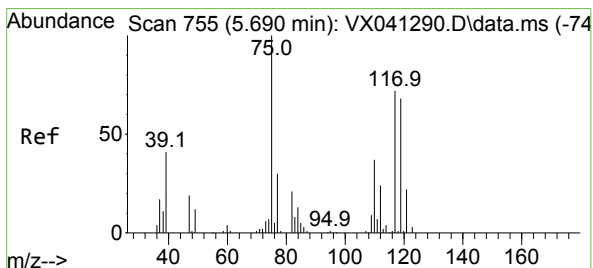
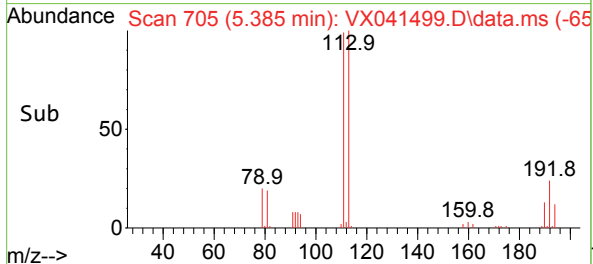
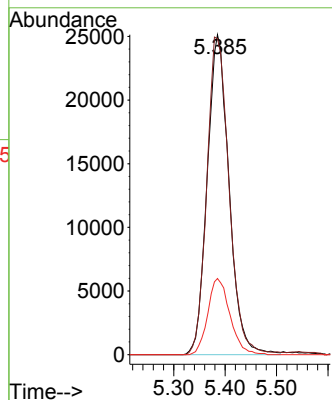
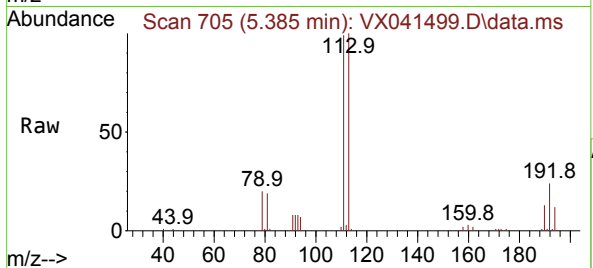




#35
Dibromofluoromethane
Concen: 46.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

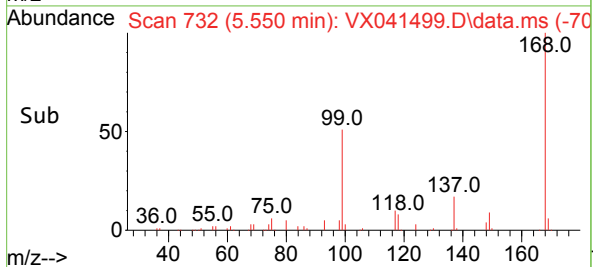
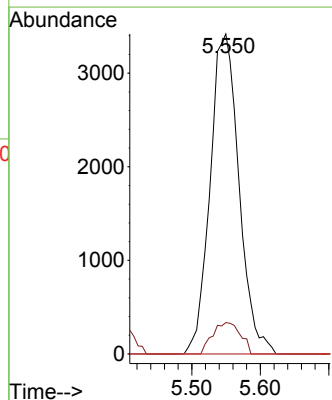
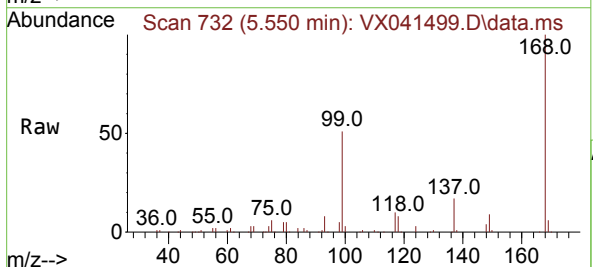
Instrument :
MSVOA_X
ClientSampleId :

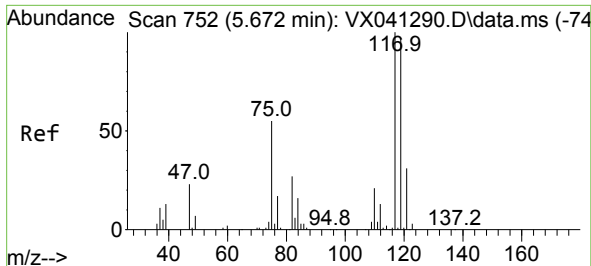
Tgt Ion:113 Resp: 74087
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 24.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

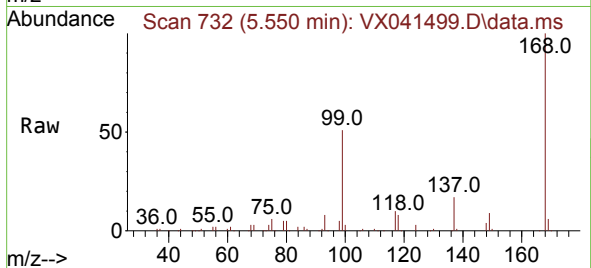
Tgt Ion: 75 Resp: 10012
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



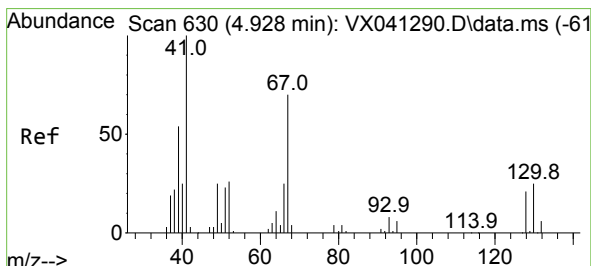
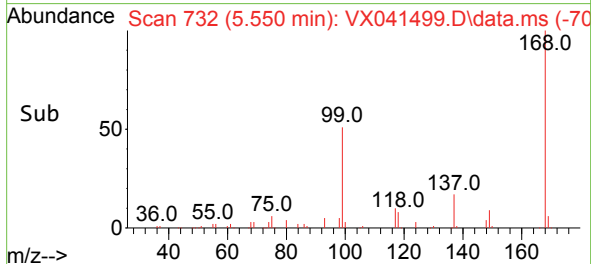
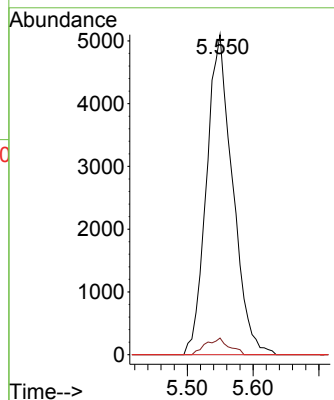


#38
Carbon Tetrachloride
Concen: 6.398 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Instrument :
MSVOA_X
ClientSampleId :

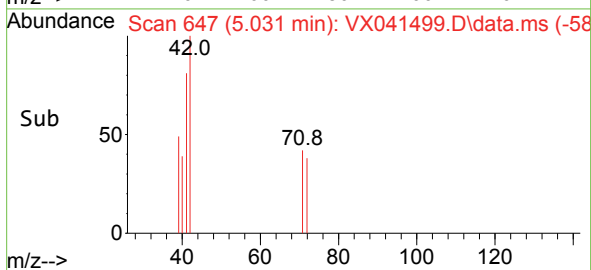
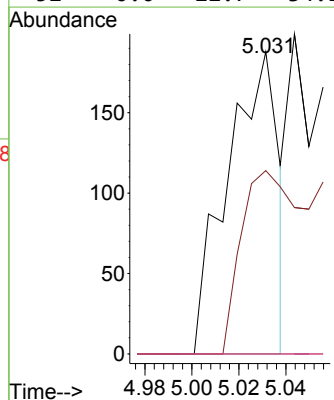
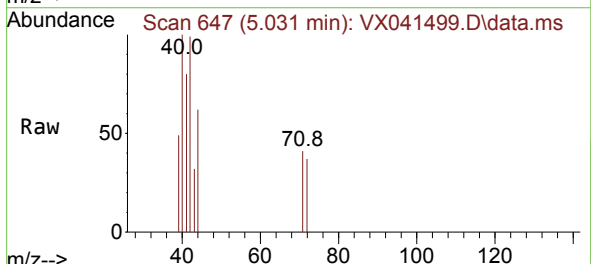


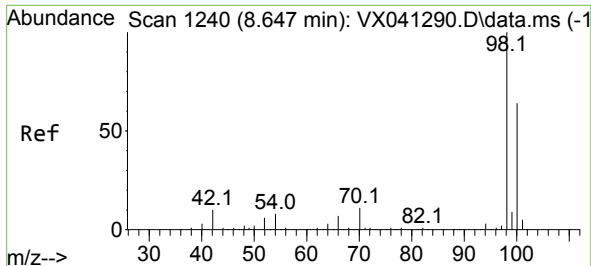
Tgt Ion:117 Resp: 14063
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Tgt Ion: 41 Resp: 284
Ion Ratio Lower Upper
41 100
39 72.9 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

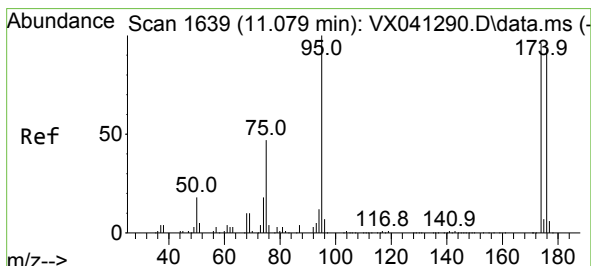
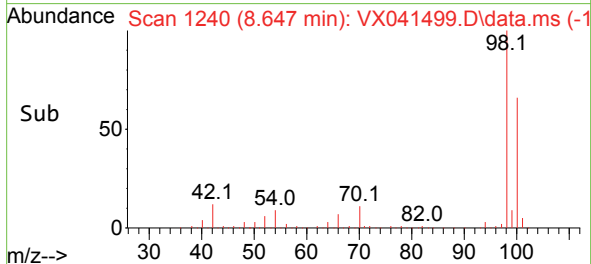
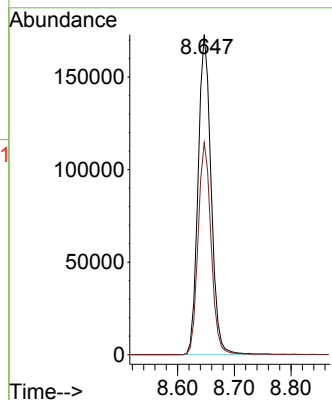
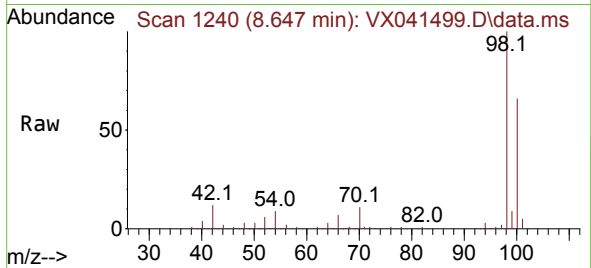




#50
Toluene-d8
Concen: 54.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

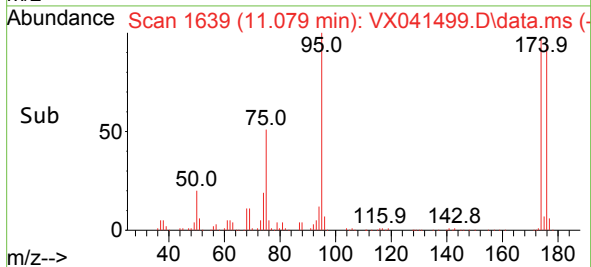
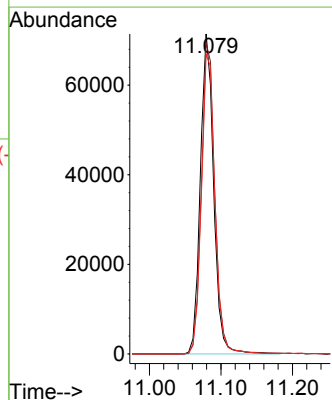
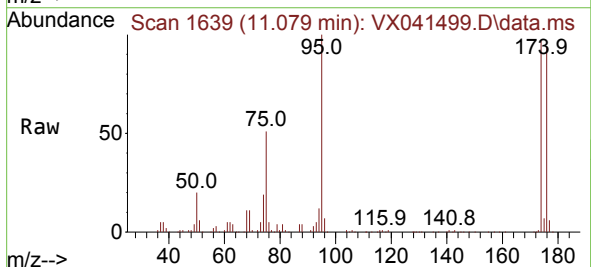
Instrument :
MSVOA_X
ClientSampleId :

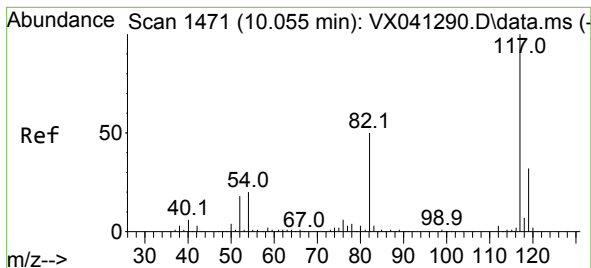
Tgt Ion: 98 Resp: 275247
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041499.D
Acq: 13 May 2024 18:08

Tgt Ion: 95 Resp: 92389
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 95.2 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: VX041499.D

Acq: 13 May 2024 18:08

Instrument :

MSVOA_X

ClientSampleId :

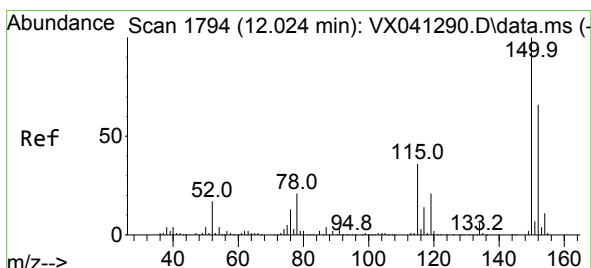
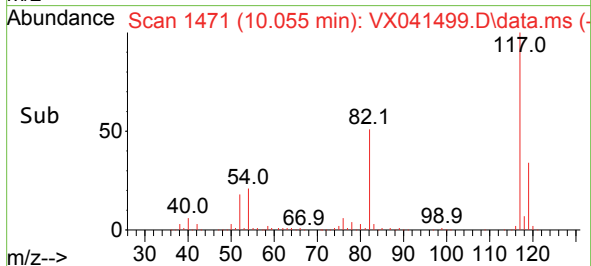
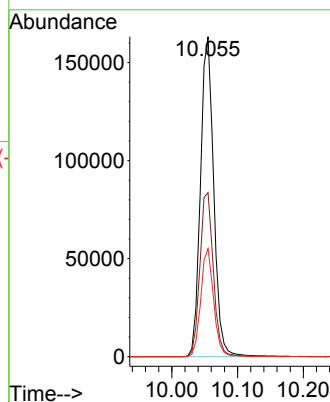
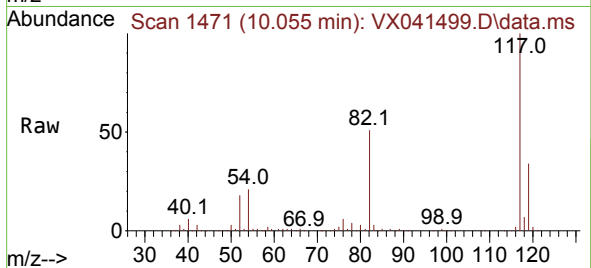
Tgt Ion:117 Resp: 228155

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 33.8 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: VX041499.D

Acq: 13 May 2024 18:08

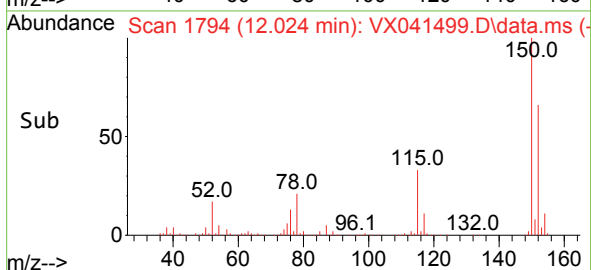
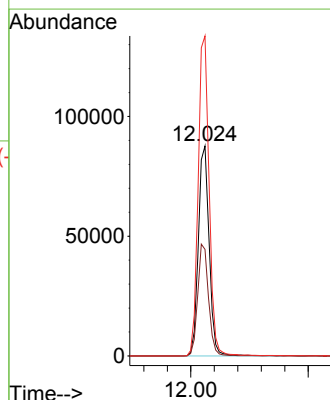
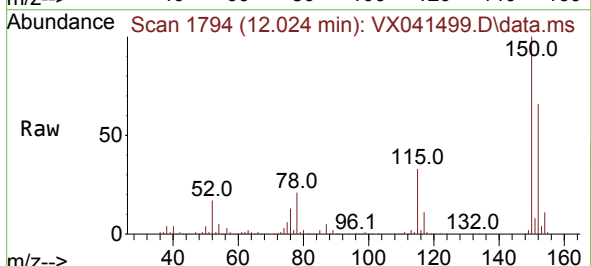
Tgt Ion:152 Resp: 111752

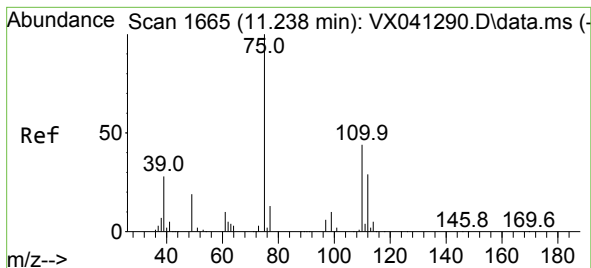
Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 154.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.004 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041499.D

Acq: 13 May 2024 18:08

Instrument :

MSVOA_X

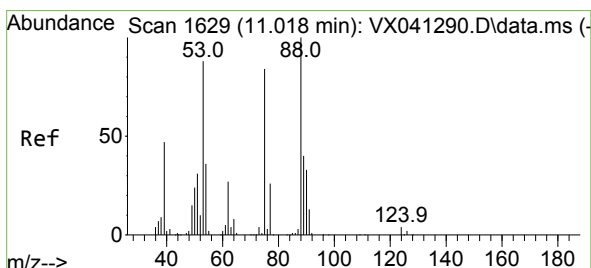
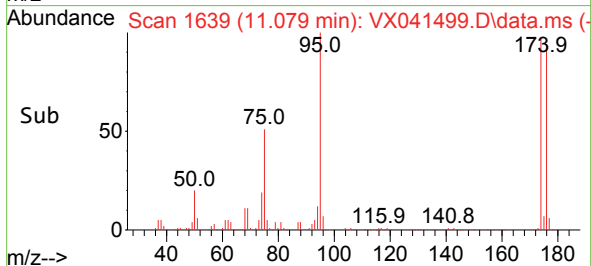
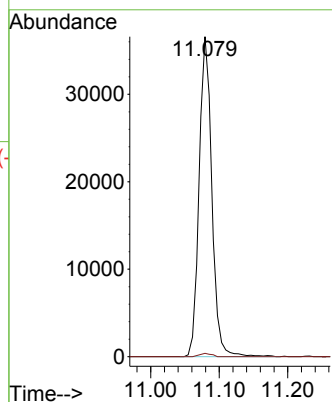
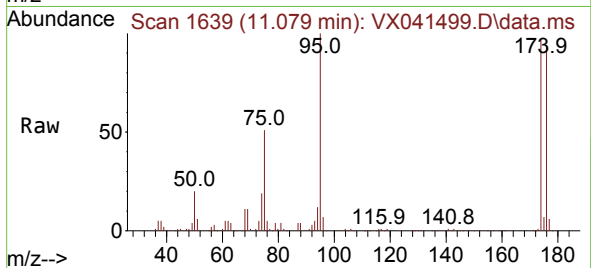
ClientSampleId :

Tgt Ion: 75 Resp: 47358

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.831 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041499.D

Acq: 13 May 2024 18:08

Tgt Ion: 75 Resp: 47358

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

