

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041489.D
 Acq On : 13 May 2024 14:18
 Operator : JC/MD
 Sample : P2445-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 14 01:32:17 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)

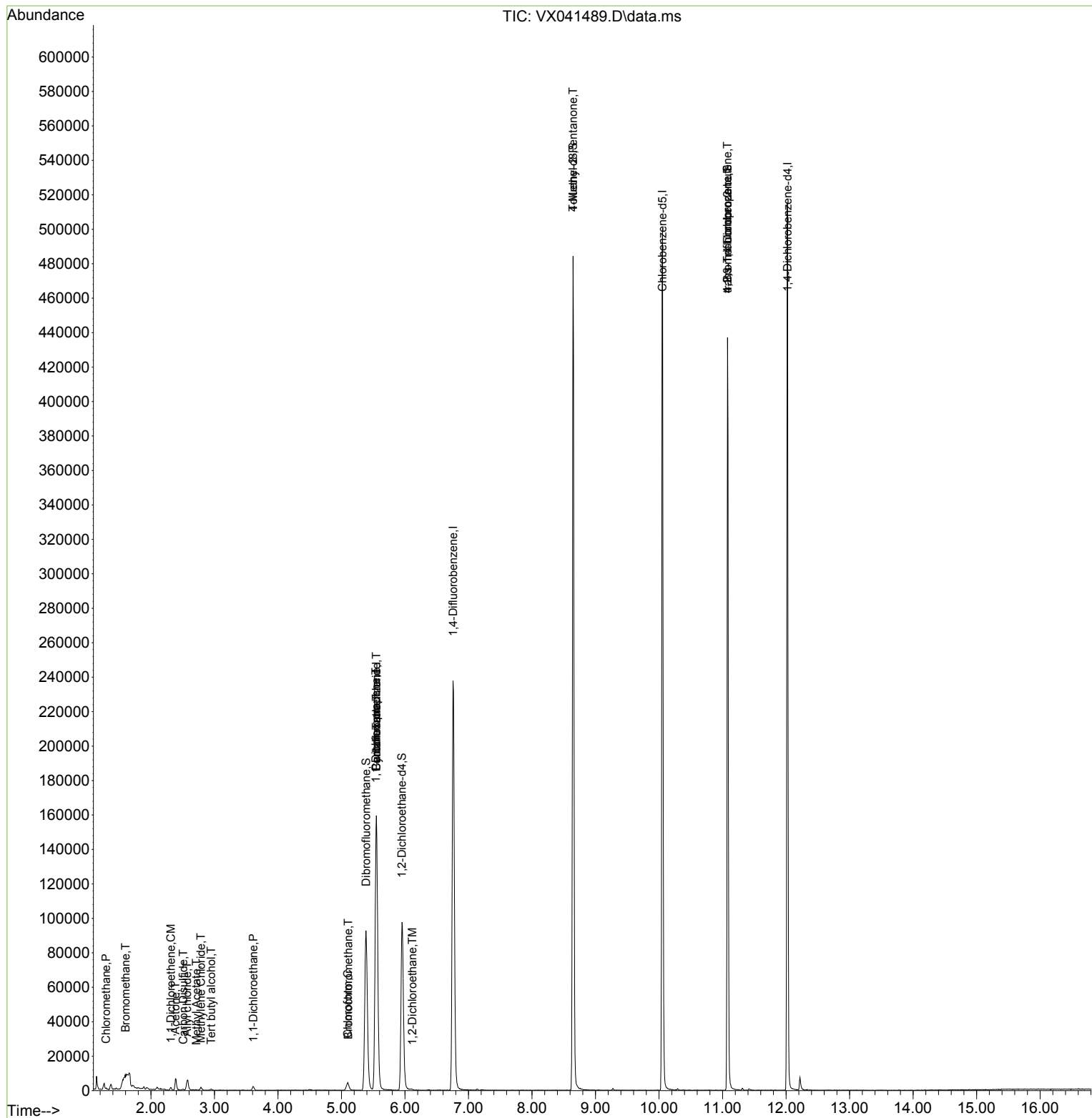
Internal Standards						
1) Pentafluorobenzene	5.550	168	167434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	251796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97960	53.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.385	113	79490	46.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.160%	
50) Toluene-d8	8.647	98	292883	54.230	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	11.079	95	109167	52.217	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	473	0.332	ug/l	93
5) Bromomethane	1.599	94	397	0.467	ug/l	84
11) Tert butyl alcohol	2.947	59	390	1.069	ug/l #	78
12) 1,1-Dichloroethene	2.312	96	531	0.409	ug/l	87
14) Allyl chloride	2.569	41	849	0.389	ug/l #	64
16) Acetone	2.386	43	7815	5.917	ug/l	98
17) Carbon Disulfide	2.508	76	775	0.254	ug/l #	86
18) Methyl Acetate	2.715	43	431	0.231	ug/l #	53
20) Methylene Chloride	2.788	84	894	0.565	ug/l #	75
24) 1,1-Dichloroethane	3.611	63	2587	0.991	ug/l #	94
28) Bromochloromethane	5.105	49	344	0.369	ug/l #	16
30) Chloroform	5.099	83	5580	2.055	ug/l	88
31) Cyclohexane	5.550	56	2974	1.352	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	10599	5.195	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14918	6.382	ug/l #	15
42) 1,2-Dichloroethane	6.117	62	721	0.313	ug/l #	77
51) 4-Methyl-2-Pentanone	8.647	43	1291	0.562	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54969	28.925	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54969	78.787	ug/l #	5

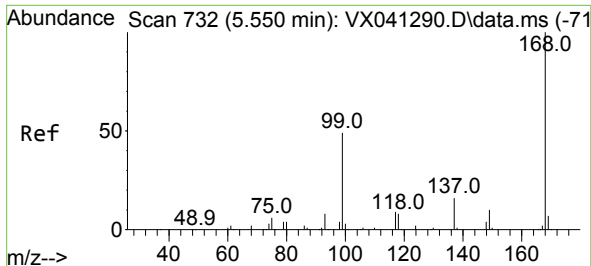
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

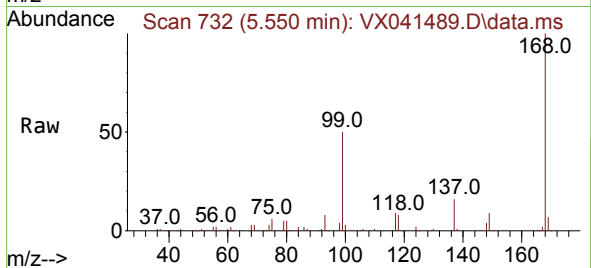
Quant Time: May 14 01:32:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



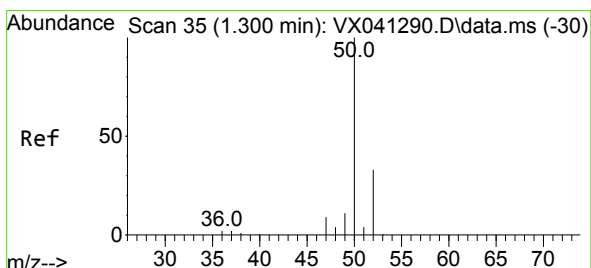
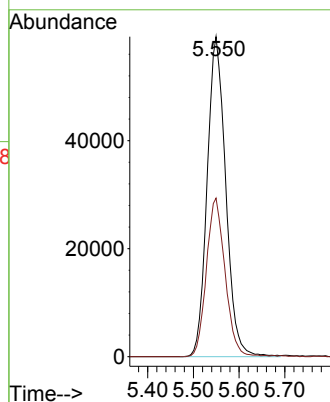
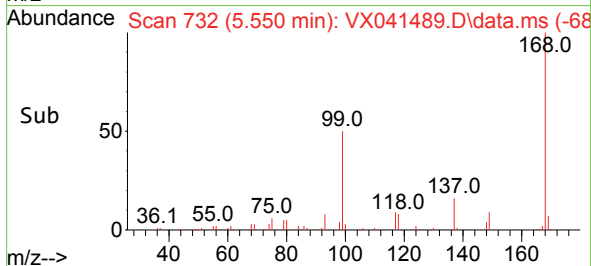


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

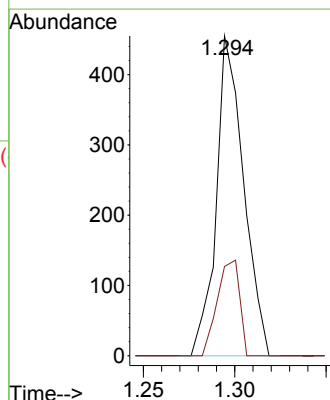
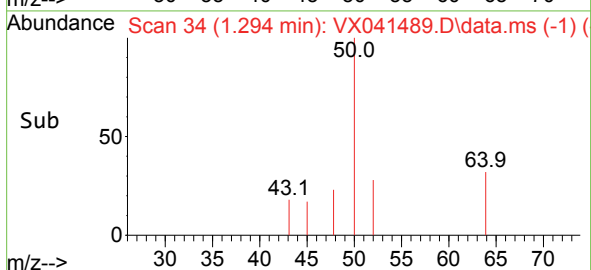
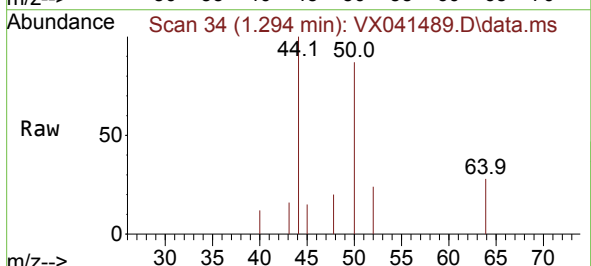


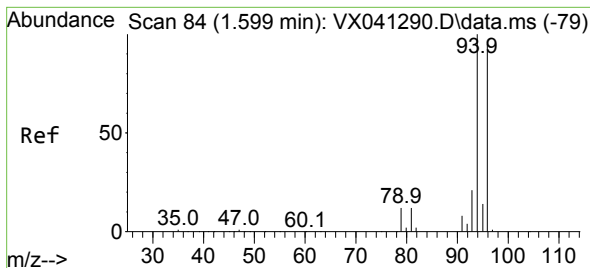
Tgt Ion:168 Resp: 167434
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#3
Chloromethane
Concen: 0.332 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 27.9 25.5 38.3





#5

Bromomethane

Concen: 0.467 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041489.D

Acq: 13 May 2024 14:18

Instrument :

MSVOA_X

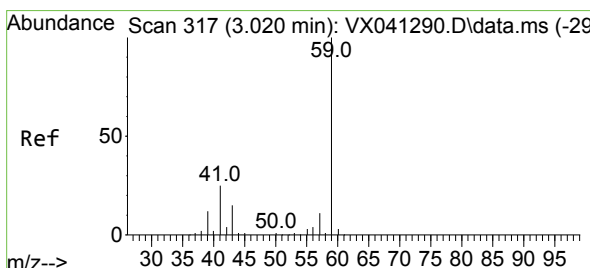
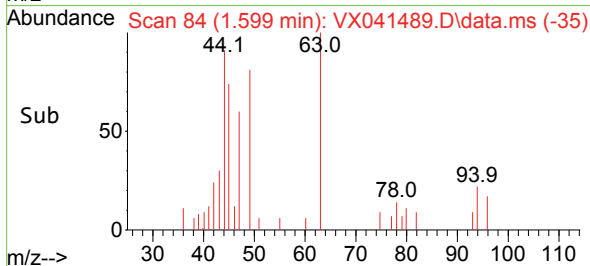
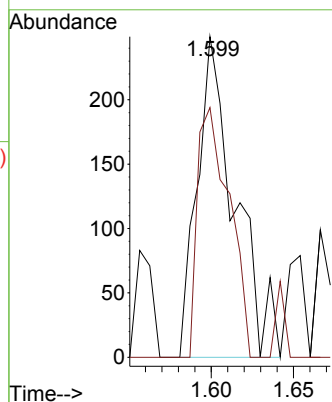
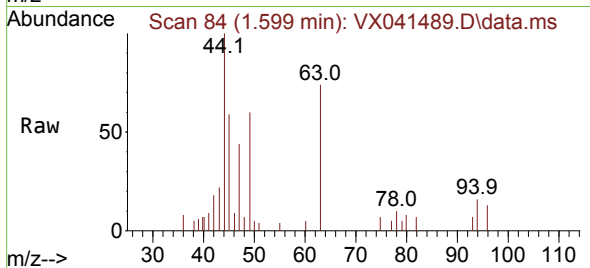
ClientSampleId :

Tgt Ion: 94 Resp: 397

Ion Ratio Lower Upper

94 100

96 77.9 74.6 111.8



#11

Tert butyl alcohol

Concen: 1.069 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.073 min

Lab File: VX041489.D

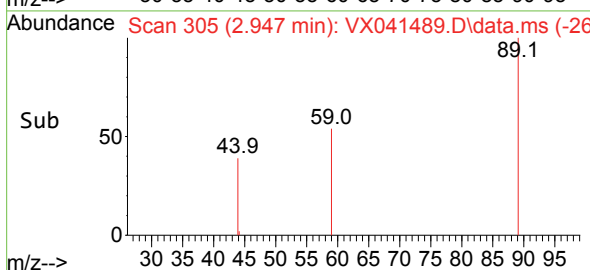
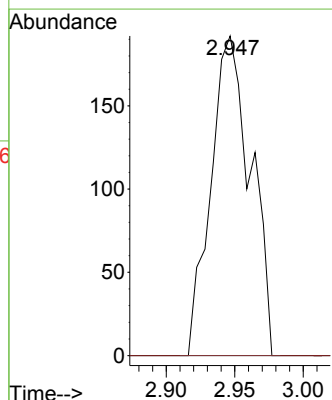
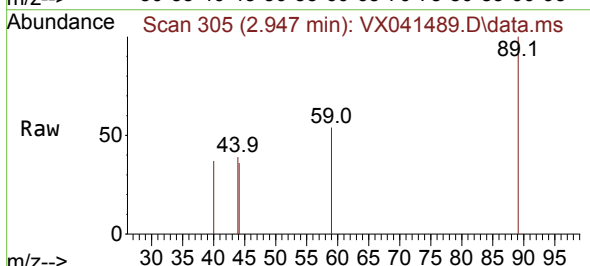
Acq: 13 May 2024 14:18

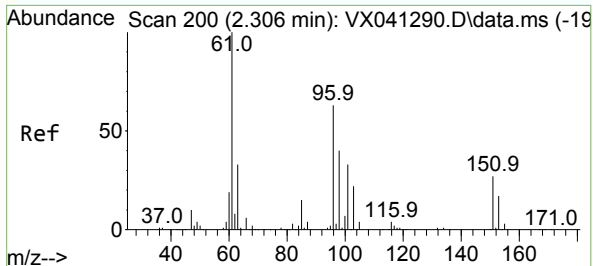
Tgt Ion: 59 Resp: 390

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.409 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

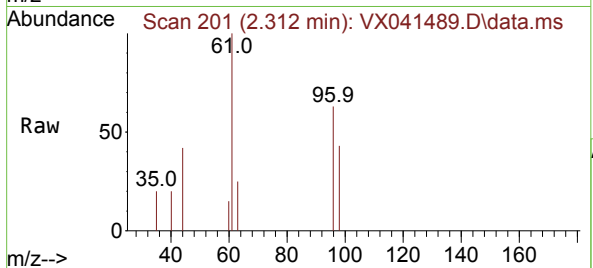
Lab File: VX041489.D

Acq: 13 May 2024 14:18

Instrument :

MSVOA_X

ClientSampleId :



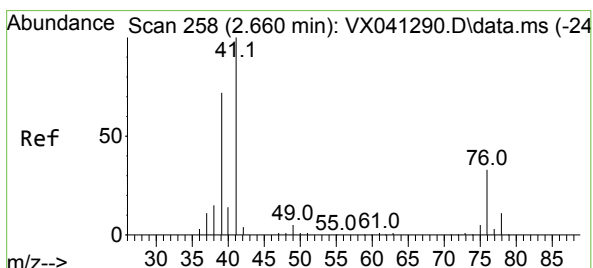
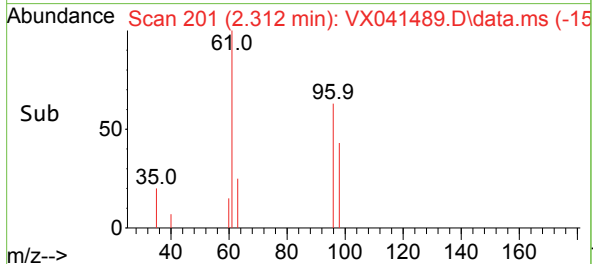
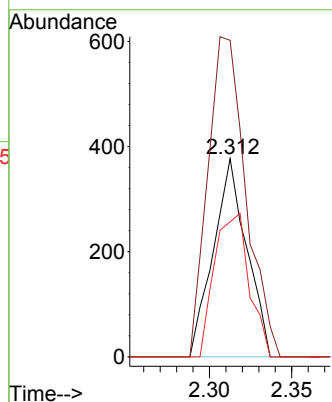
Tgt Ion: 96 Resp: 531

Ion Ratio Lower Upper

96 100

61 159.7 144.6 216.8

98 68.2 50.4 75.6



#14

Allyl chloride

Concen: 0.389 ug/l

RT: 2.569 min Scan# 243

Delta R.T. -0.091 min

Lab File: VX041489.D

Acq: 13 May 2024 14:18

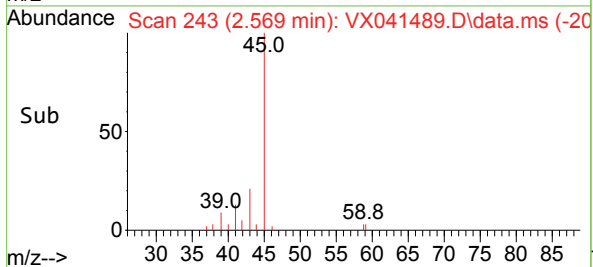
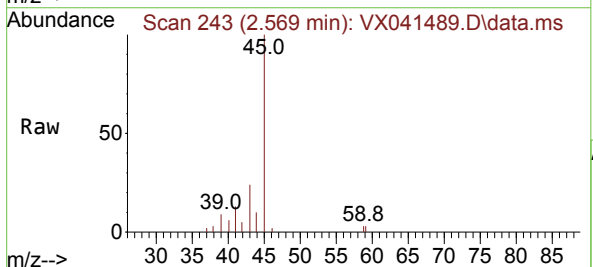
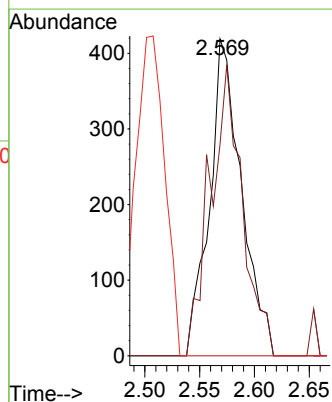
Tgt Ion: 41 Resp: 849

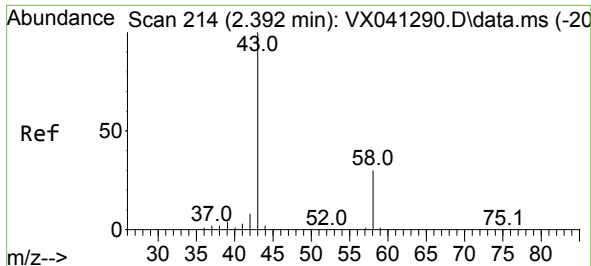
Ion Ratio Lower Upper

41 100

39 92.3 55.8 83.6#

76 0.0 24.3 36.5#





#16

Acetone

Concen: 5.917 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041489.D

Acq: 13 May 2024 14:18

Instrument :

MSVOA_X

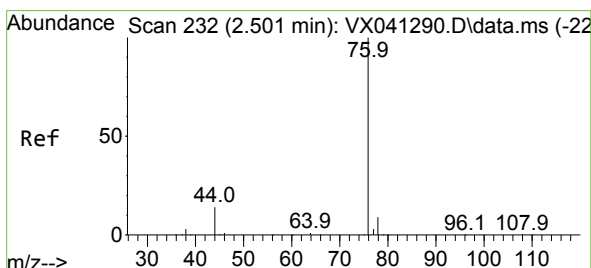
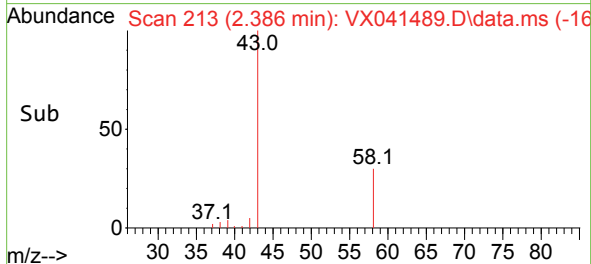
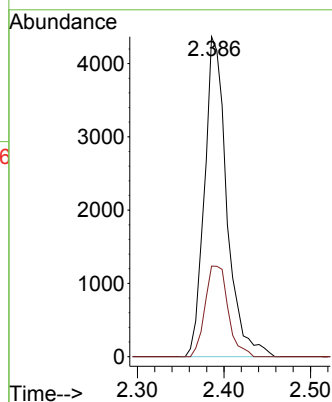
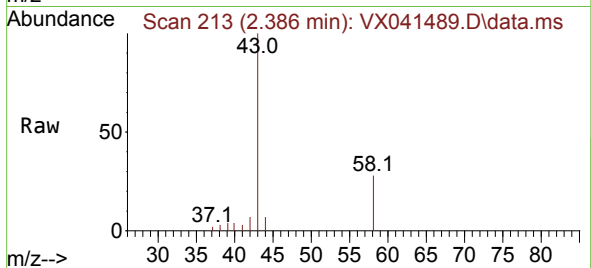
ClientSampleId :

Tgt Ion: 43 Resp: 7815

Ion Ratio Lower Upper

43 100

58 28.3 21.9 32.9



#17

Carbon Disulfide

Concen: 0.254 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.007 min

Lab File: VX041489.D

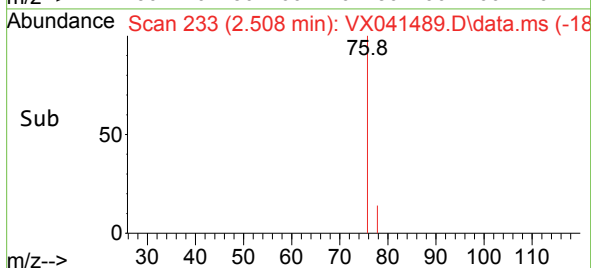
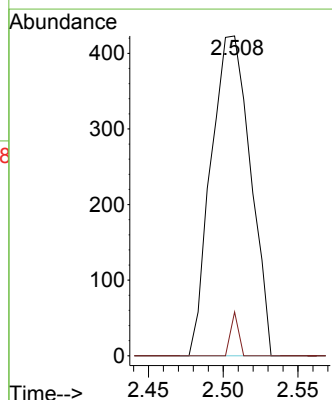
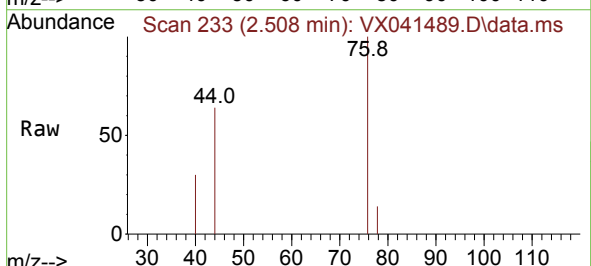
Acq: 13 May 2024 14:18

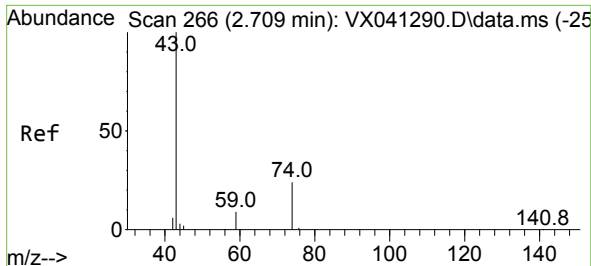
Tgt Ion: 76 Resp: 775

Ion Ratio Lower Upper

76 100

78 13.7 7.0 10.6#

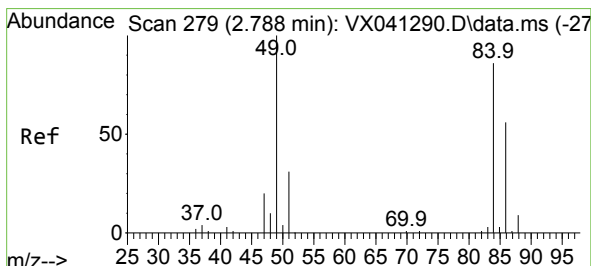
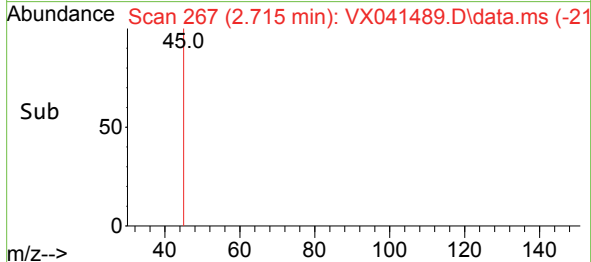
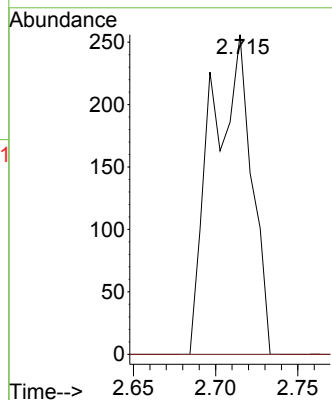
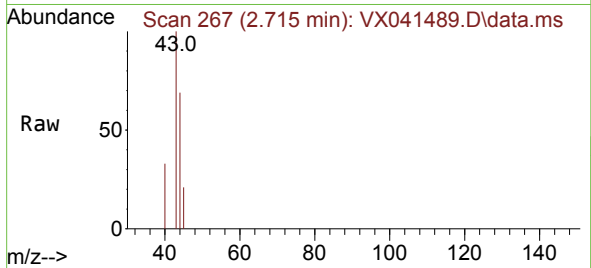




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

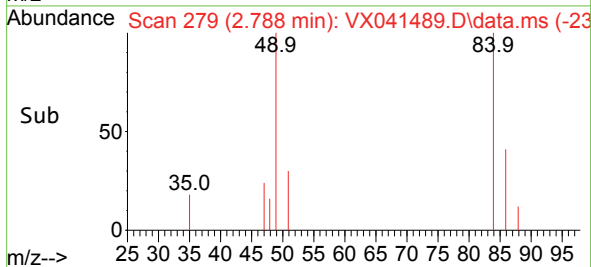
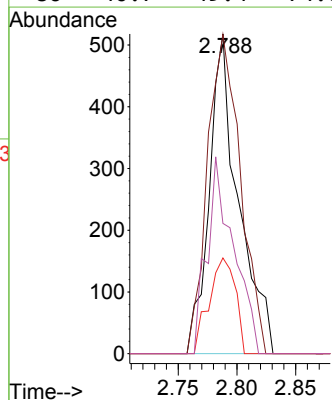
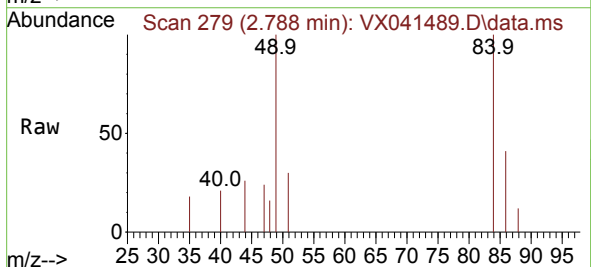
Instrument :
MSVOA_X
ClientSampleId :

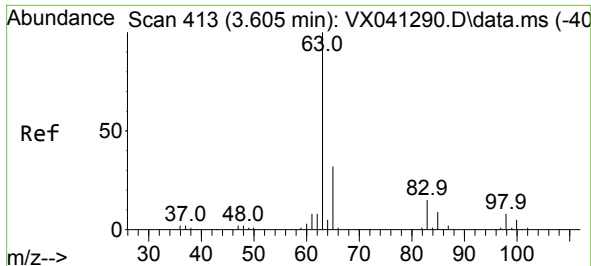
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.565 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

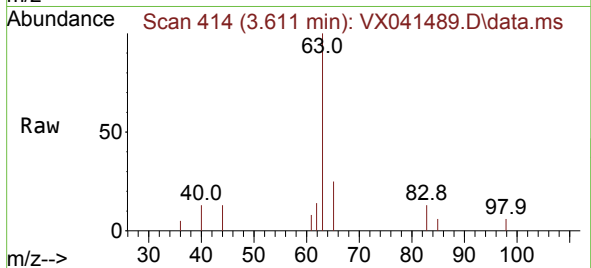
Tgt Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 99.8 103.6 155.4#
51 29.9 33.8 50.6#
86 40.7 49.4 74.0#



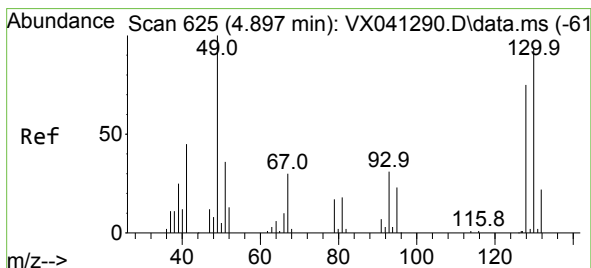
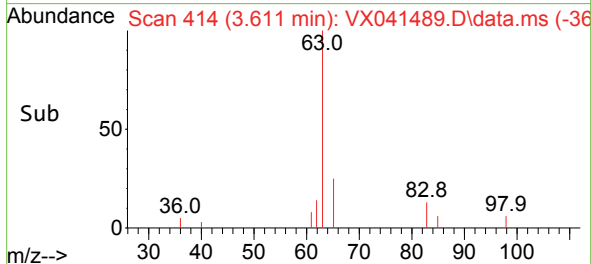
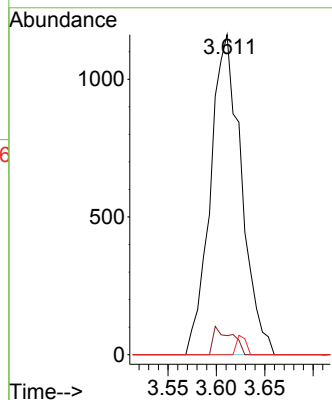


#24
1,1-Dichloroethane
Concen: 0.991 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

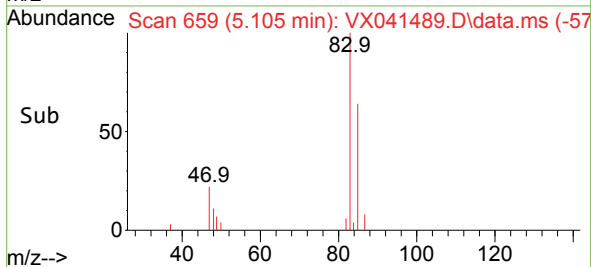
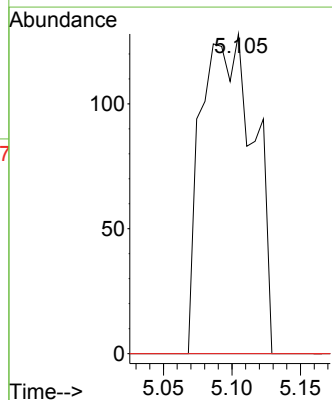
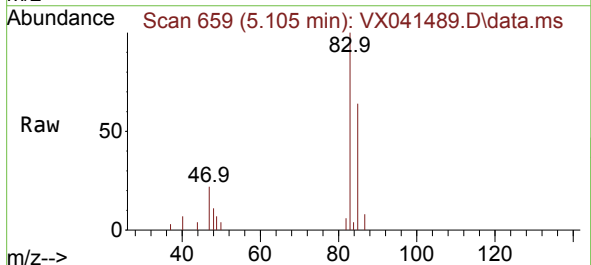


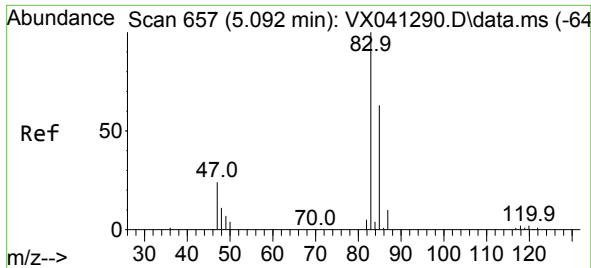
Tgt Ion: 63 Resp: 2587
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.8
100 0.0 2.1 6.5#



#28
Bromochloromethane
Concen: 0.369 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.208 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Tgt Ion: 49 Resp: 344
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#

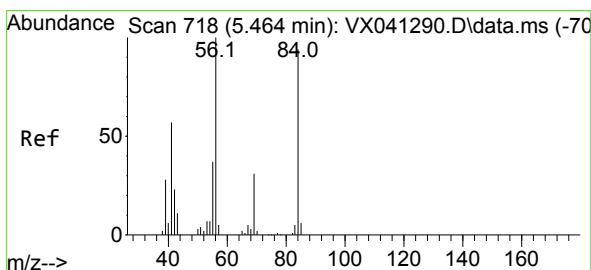
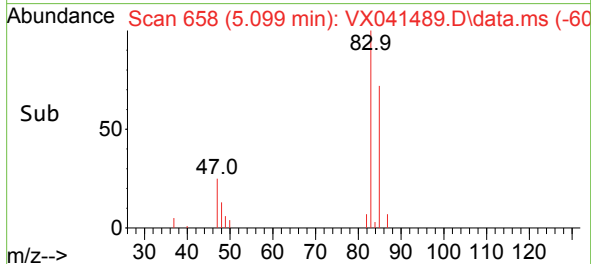
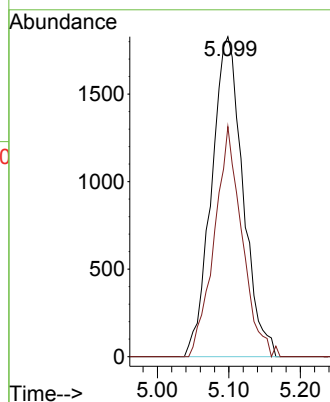
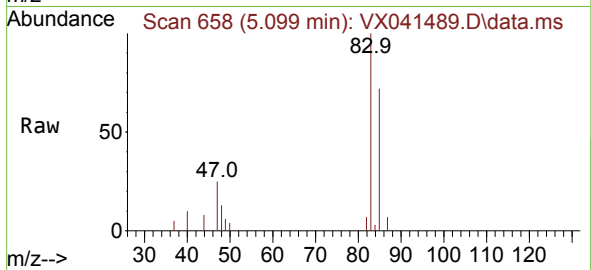




#30
Chloroform
Concen: 2.055 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

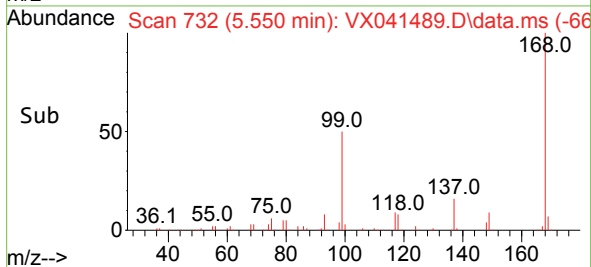
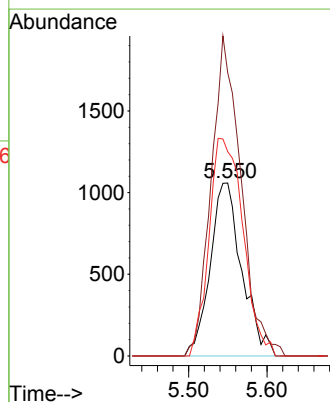
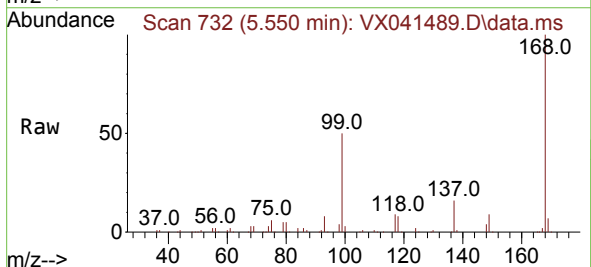
Instrument :
MSVOA_X
ClientSampleId :

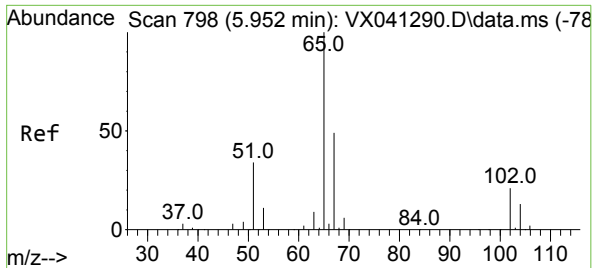
Tgt Ion: 83 Resp: 5580
Ion Ratio Lower Upper
83 100
85 71.9 50.3 75.5



#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Tgt Ion: 56 Resp: 2974
Ion Ratio Lower Upper
56 100
69 163.7 23.4 35.2#
84 118.1 65.9 98.9#

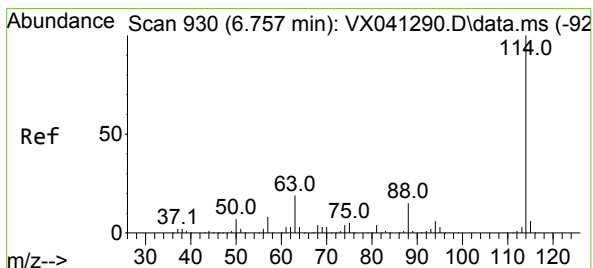
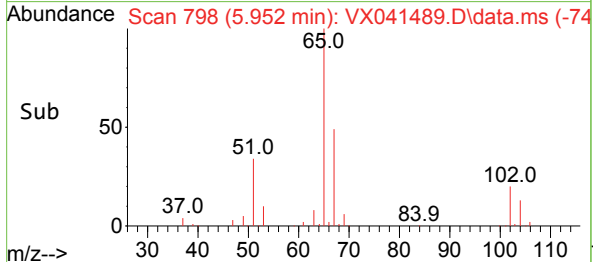
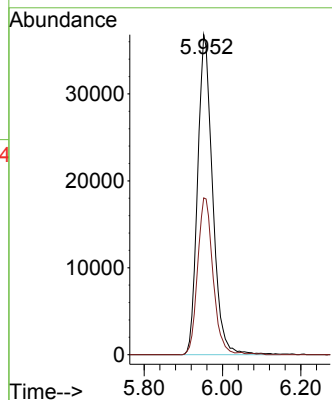
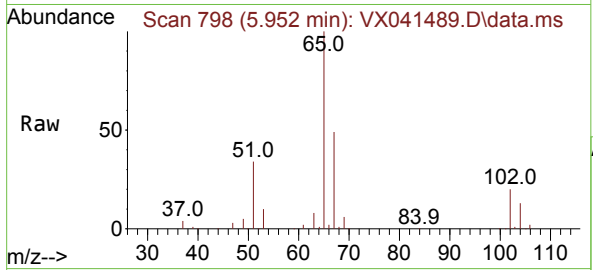




#33
 1,2-Dichloroethane-d4
 Concen: 53.743 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041489.D
 Acq: 13 May 2024 14:18

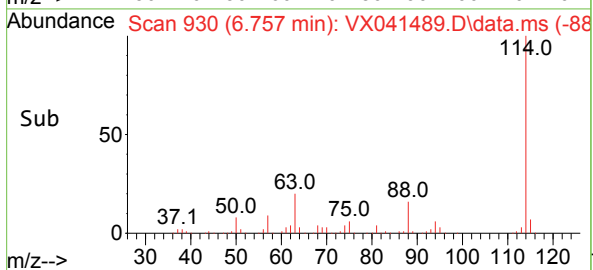
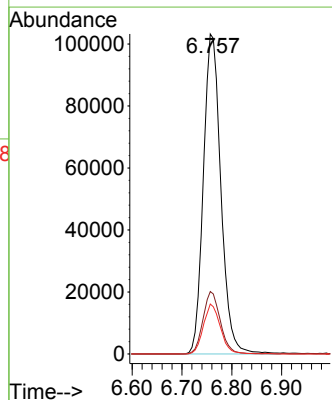
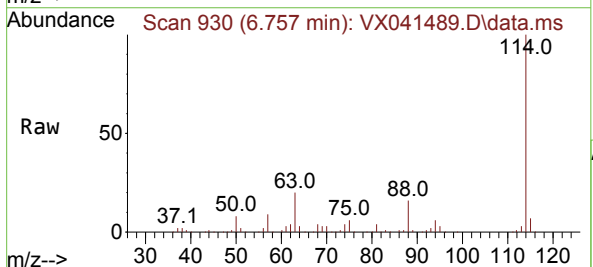
Instrument :
 MSVOA_X
 ClientSampleId :

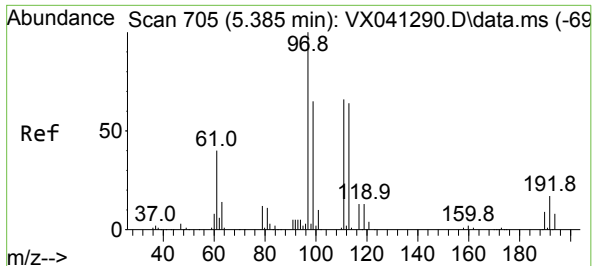
Tgt Ion: 65 Resp: 97960
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041489.D
 Acq: 13 May 2024 14:18

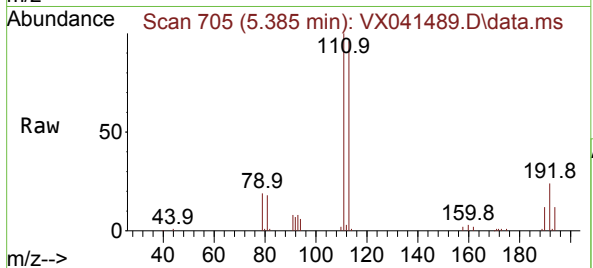
Tgt Ion: 114 Resp: 251796
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 15.6 0.0 36.6



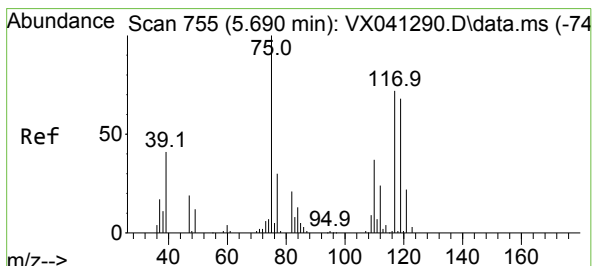
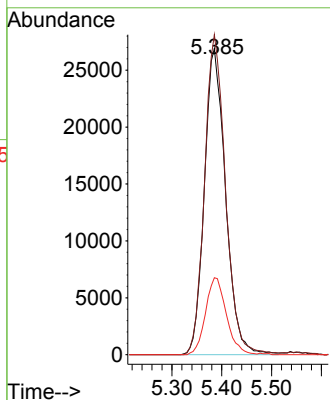
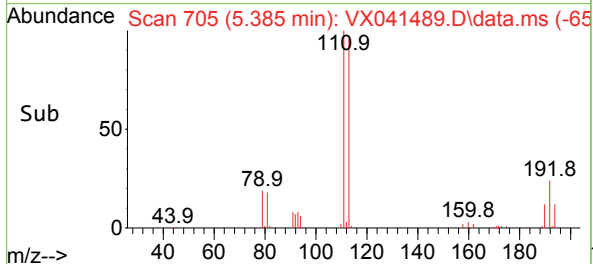


#35
Dibromofluoromethane
Concen: 46.585 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

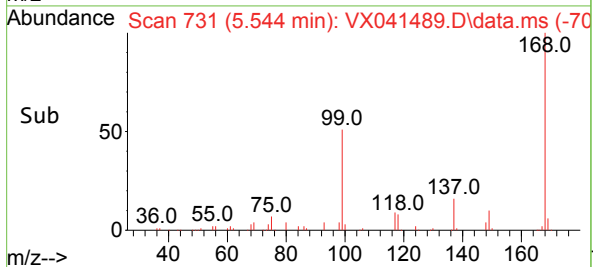
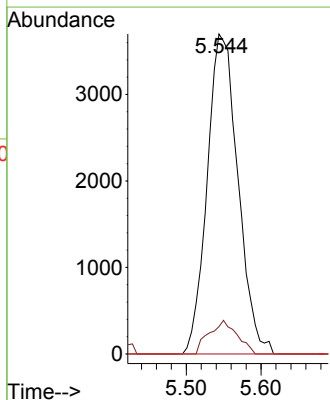
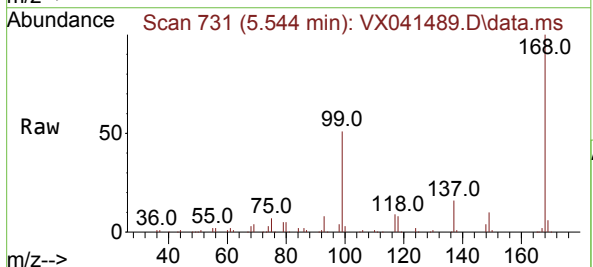


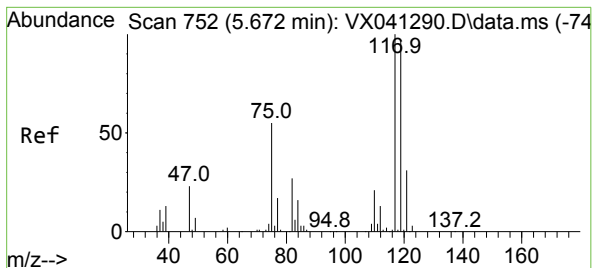
Tgt Ion:113 Resp: 79490
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 24.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.195 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Tgt Ion: 75 Resp: 10599
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.382 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

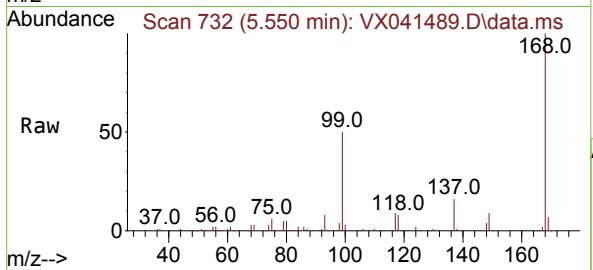
Lab File: VX041489.D

Acq: 13 May 2024 14:18

Instrument :

MSVOA_X

ClientSampleId :



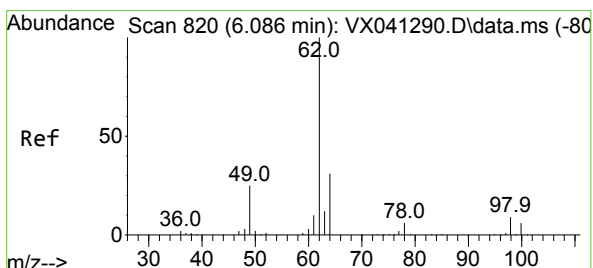
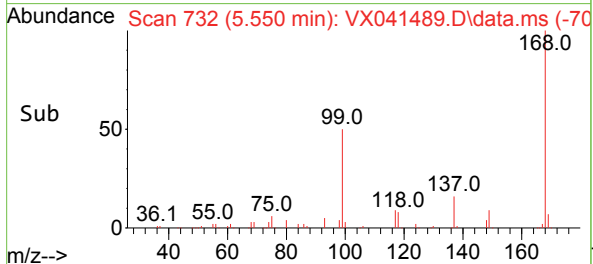
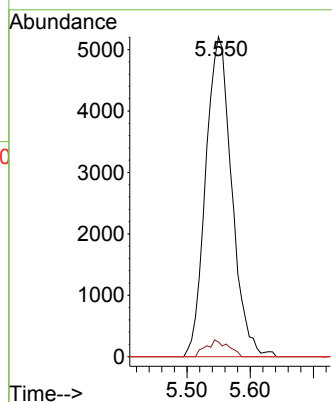
Tgt Ion:117 Resp: 14918

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.2#

121 0.0 24.4 36.6#



#42

1,2-Dichloroethane

Concen: 0.313 ug/l

RT: 6.117 min Scan# 825

Delta R.T. 0.030 min

Lab File: VX041489.D

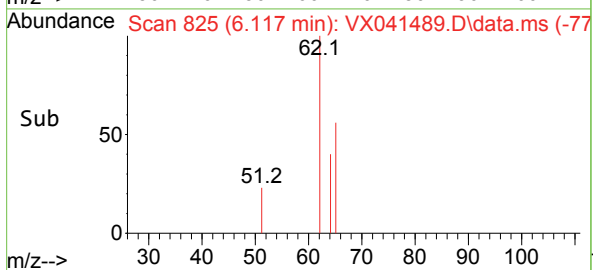
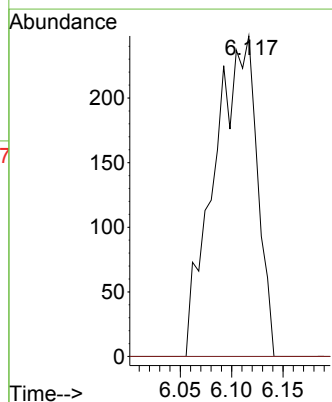
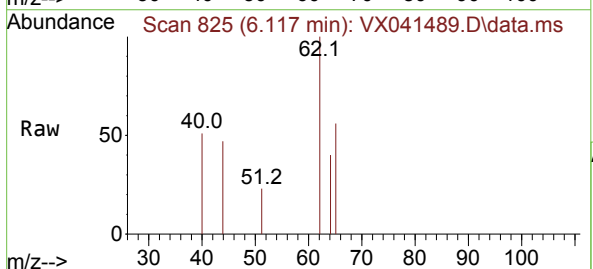
Acq: 13 May 2024 14:18

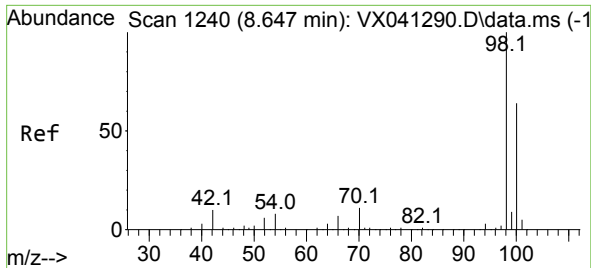
Tgt Ion: 62 Resp: 721

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

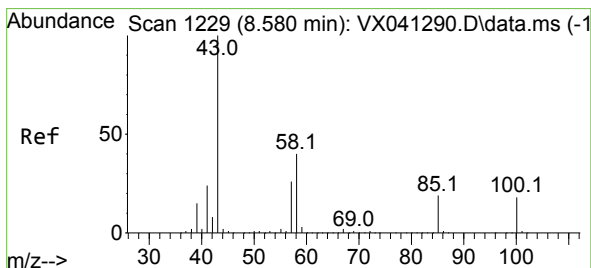
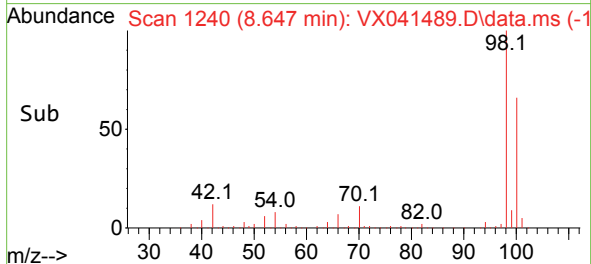
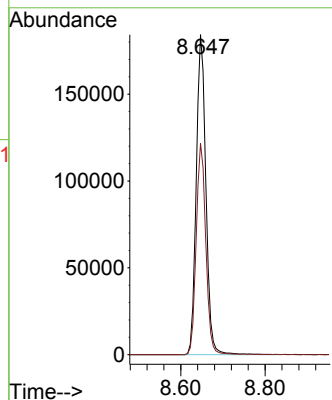
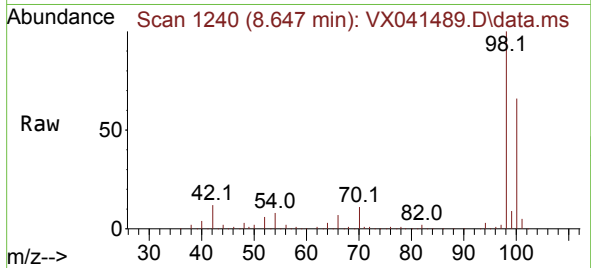




#50
Toluene-d8
Concen: 54.230 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

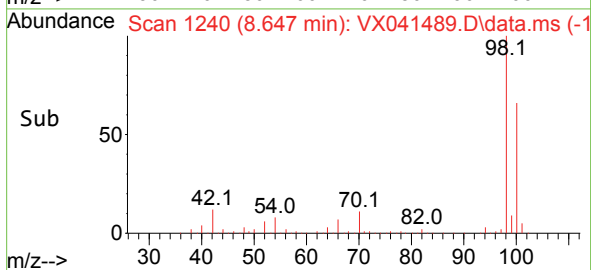
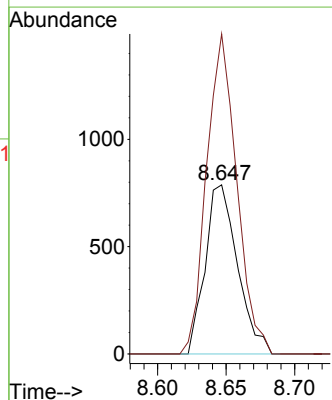
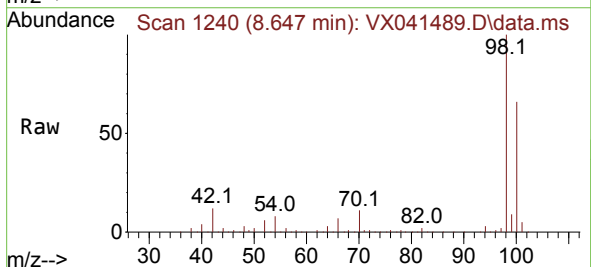
Instrument :
MSVOA_X
ClientSampleId :

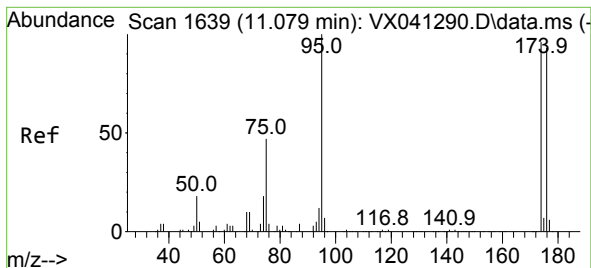
Tgt Ion: 98 Resp: 292883
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 176.5 30.4 45.6#

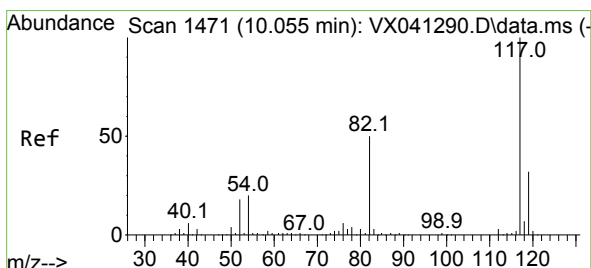
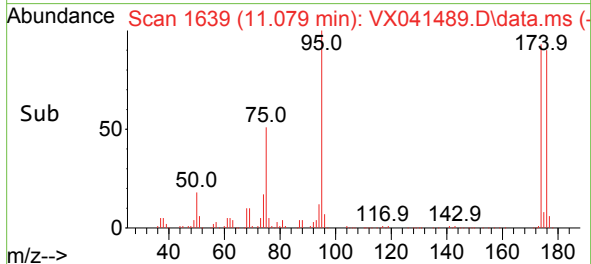
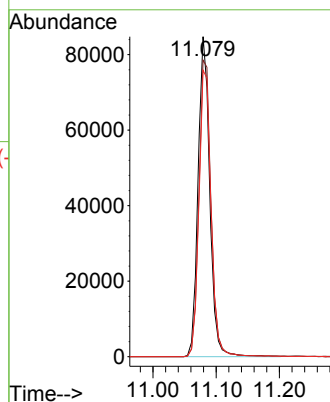
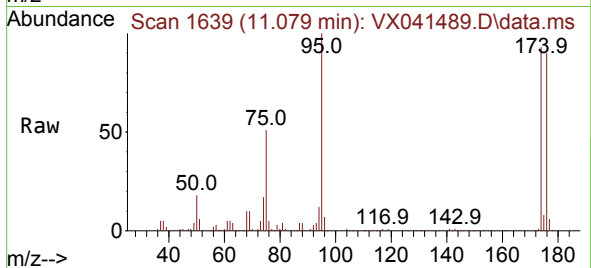




#62
4-Bromofluorobenzene
Concen: 52.217 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

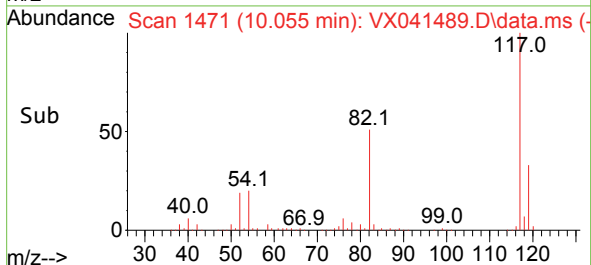
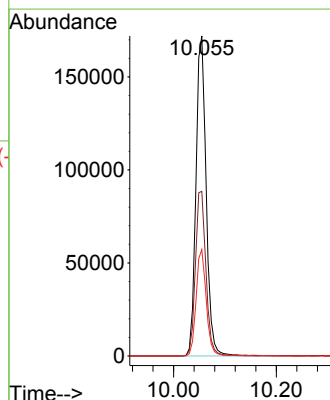
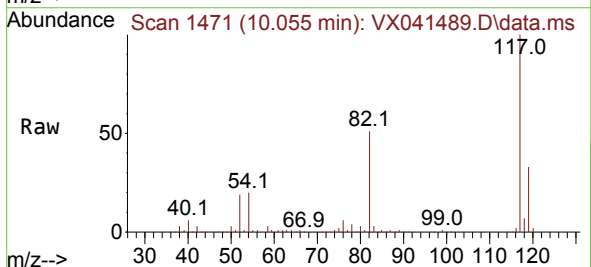
Instrument :
MSVOA_X
ClientSampleId :

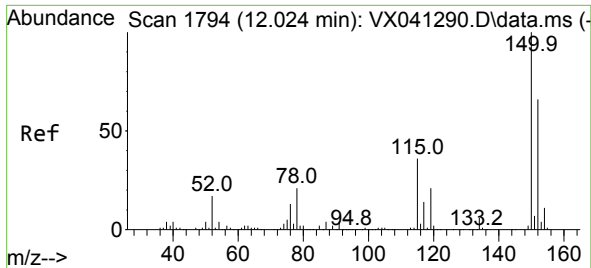
Tgt Ion: 95 Resp: 109167
Ion Ratio Lower Upper
95 100
174 96.5 0.0 135.6
176 93.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041489.D
Acq: 13 May 2024 14:18

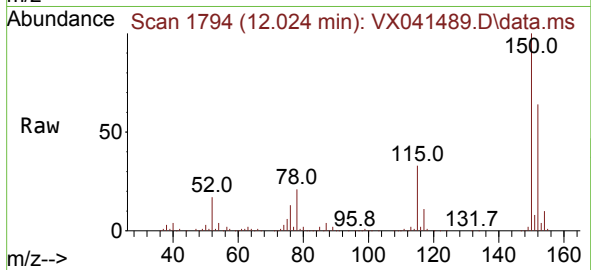
Tgt Ion: 117 Resp: 238368
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.3 25.5 38.3



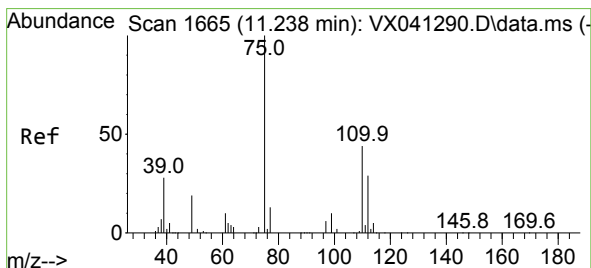
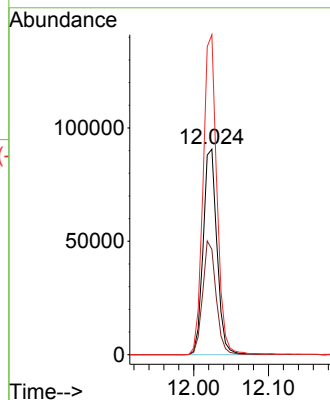
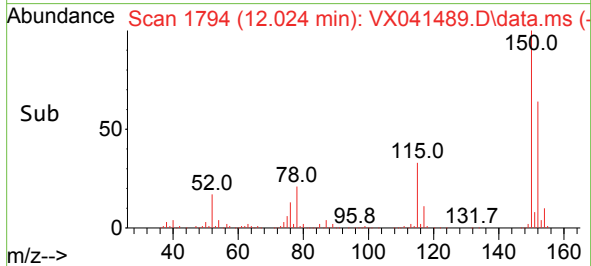


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041489.D
 Acq: 13 May 2024 14:18

Instrument :
 MSVOA_X
 ClientSampleId :

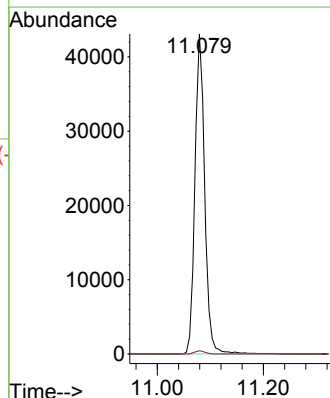
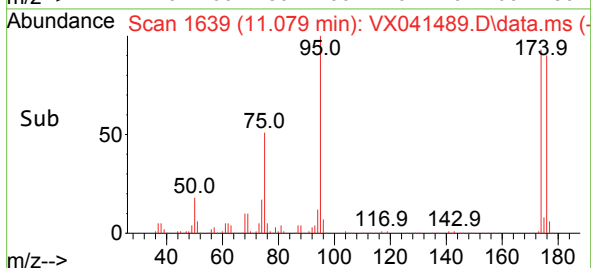
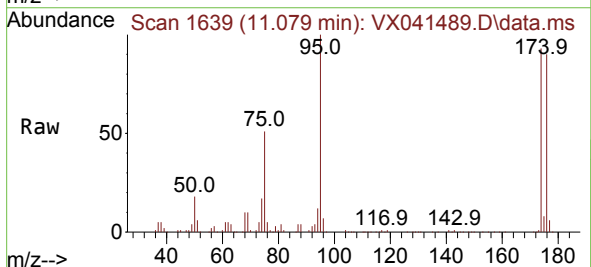


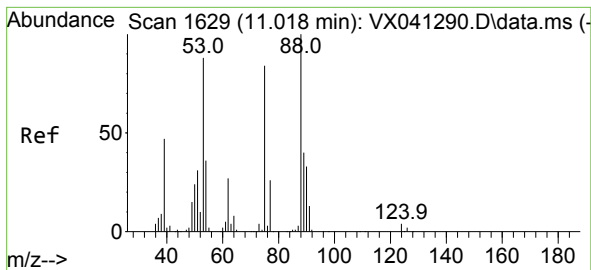
Tgt Ion:152 Resp: 116613
 Ion Ratio Lower Upper
 152 100
 115 53.9 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 28.925 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041489.D
 Acq: 13 May 2024 14:18

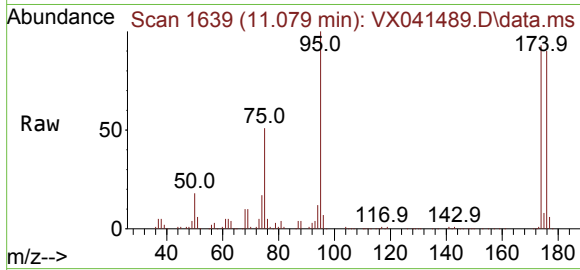
Tgt Ion: 75 Resp: 54969
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.787 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041489.D
 Acq: 13 May 2024 14:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 54969
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

