

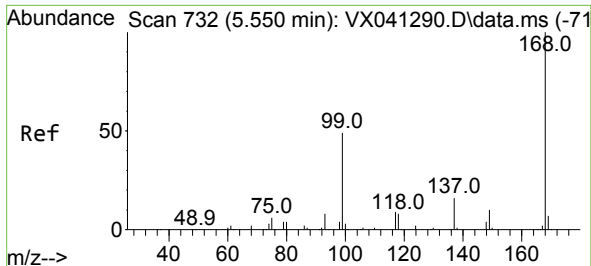
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041388.D
 Acq On : 06 May 2024 18:44
 Operator : JC/MD
 Sample : P2393-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:04:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

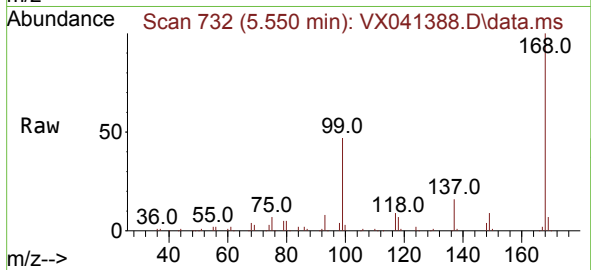
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	155325	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	250260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81009	47.908	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.820%
35) Dibromofluoromethane	5.385	113	66068	38.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.920%
50) Toluene-d8	8.647	98	296271	55.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.380%
62) 4-Bromofluorobenzene	11.079	95	107427	51.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.270	85	442	0.346	ug/l	100
3) Chloromethane	1.288	50	380	0.288	ug/l	95
6) Chloroethane	1.672	64	185	0.316	ug/l	# 72
11) Tert butyl alcohol	2.995	59	777	2.296	ug/l	# 78
16) Acetone	2.392	43	2411	Below Cal		98
19) Methyl tert-butyl Ether	3.117	73	15238	3.473	ug/l	94
20) Methylene Chloride	2.788	84	497	0.339	ug/l	# 82
25) 2-Butanone	4.440	43	1571	1.435	ug/l	# 51
31) Cyclohexane	5.550	56	2754	1.349	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	9870	4.867	ug/l	# 51
37) Ethyl Acetate	4.440	43	1033	0.408	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	13651	5.876	ug/l	# 15
43) Isopropyl Acetate	6.245	43	64127	16.856	ug/l	# 62
44) Trichloroethene	7.135	130	426	0.258	ug/l	71
47) Bromodichloromethane	7.982	83	1986	1.002	ug/l	# 40
48) Methyl methacrylate	7.604	41	6629	3.801	ug/l	# 38
51) 4-Methyl-2-Pentanone	8.610	43	968	0.424	ug/l	# 37
59) 2-Hexanone	9.244	43	2613	1.431	ug/l	73
76) 1,2,3-Trichloropropane	11.079	75	54627	27.983	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	54627	76.222	ug/l	# 5

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

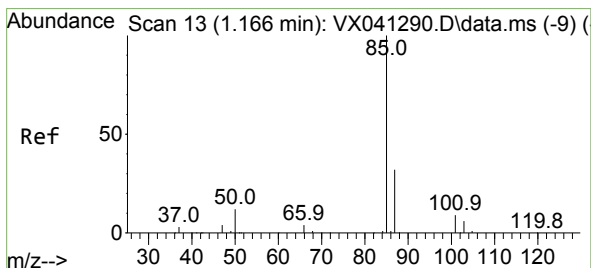
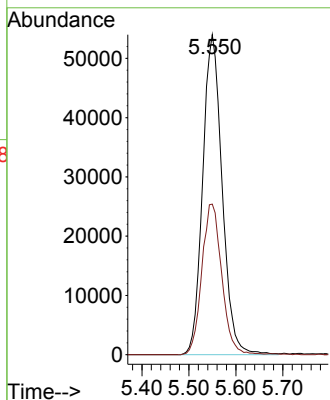
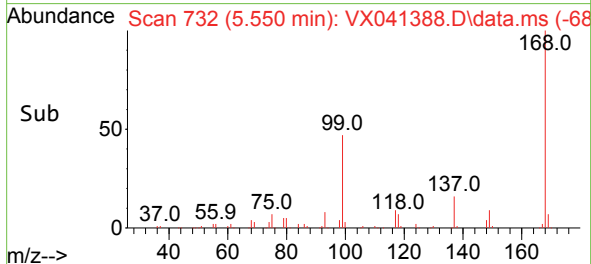


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :

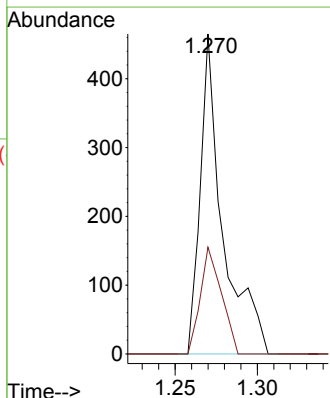
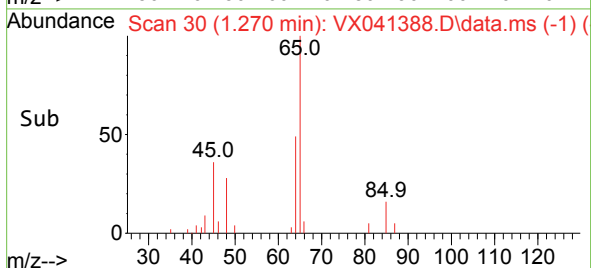
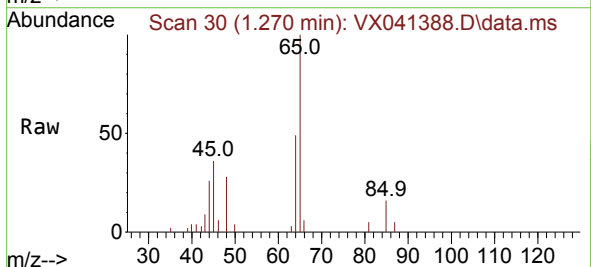


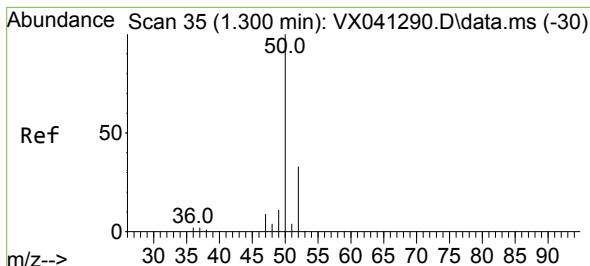
Tgt Ion:168 Resp: 155325
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.346 ug/l
RT: 1.270 min Scan# 30
Delta R.T. 0.104 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 85 Resp: 442
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





#3

Chloromethane

Concen: 0.288 ug/l

RT: 1.288 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

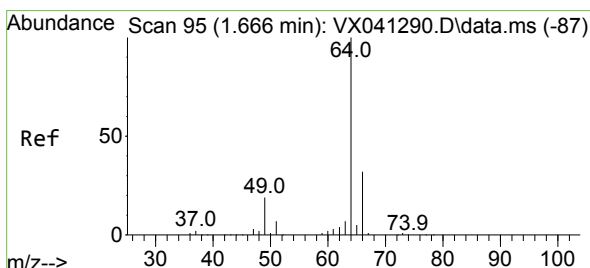
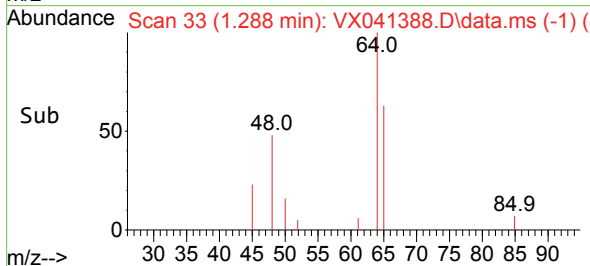
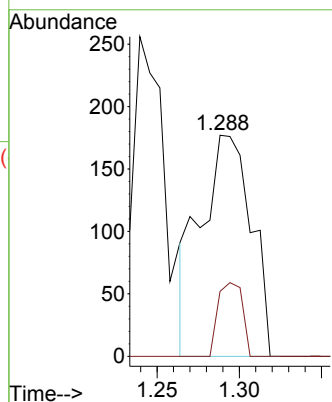
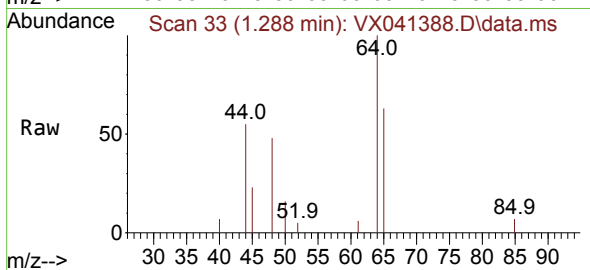
ClientSampleId :

Tgt Ion: 50 Resp: 380

Ion Ratio Lower Upper

50 100

52 29.4 25.5 38.3



#6

Chloroethane

Concen: 0.316 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX041388.D

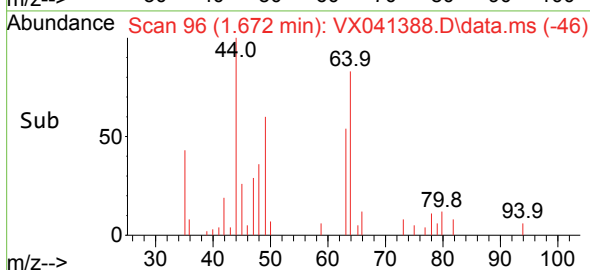
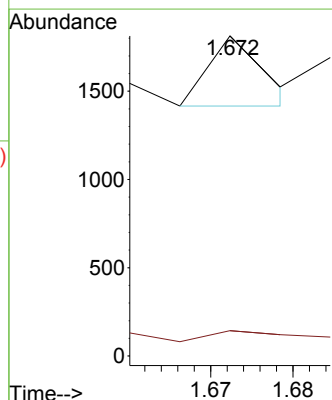
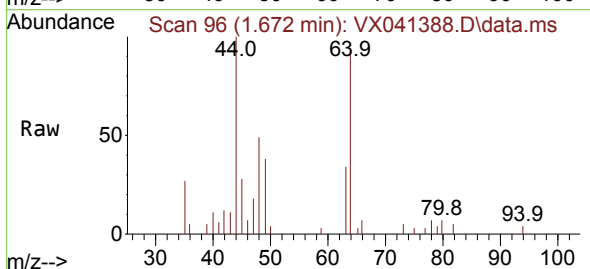
Acq: 06 May 2024 18:44

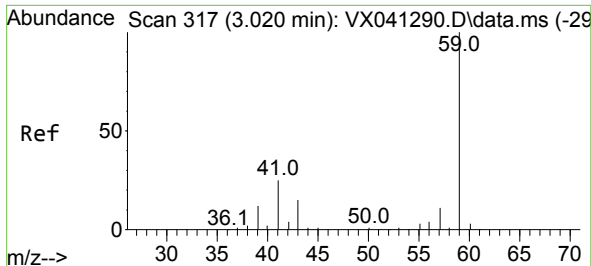
Tgt Ion: 64 Resp: 185

Ion Ratio Lower Upper

64 100

66 15.9 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.296 ug/l

RT: 2.995 min Scan# 317

Delta R.T. -0.024 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

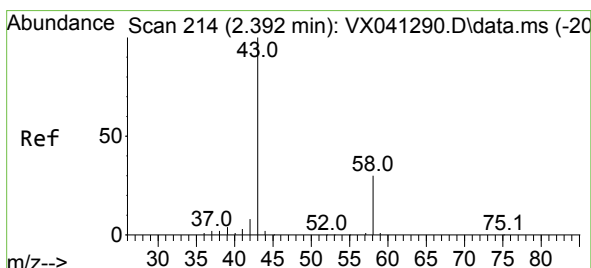
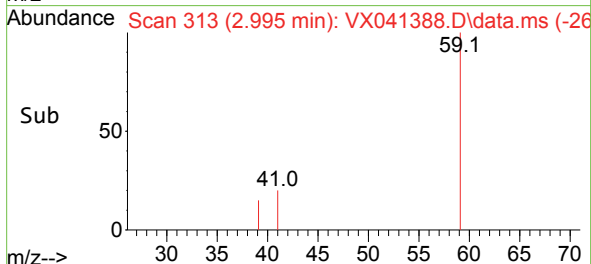
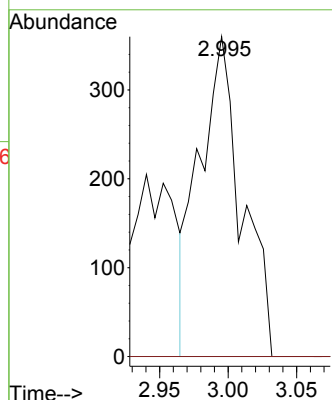
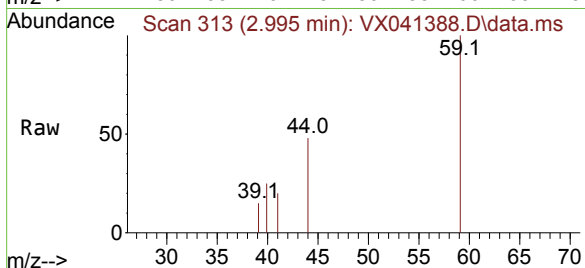
ClientSampleId :

Tgt Ion: 59 Resp: 777

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041388.D

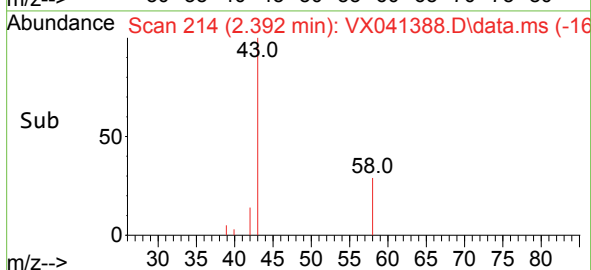
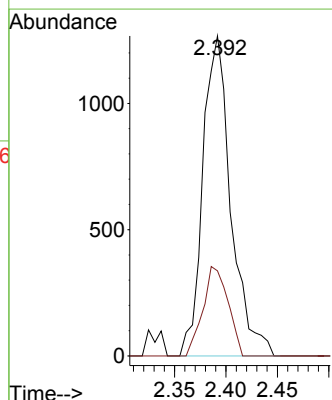
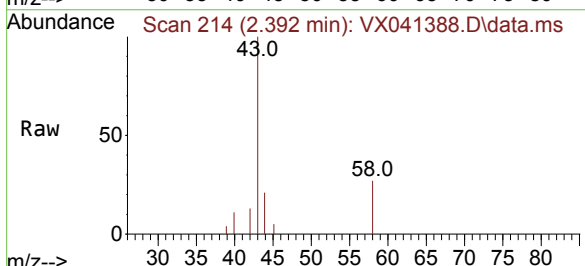
Acq: 06 May 2024 18:44

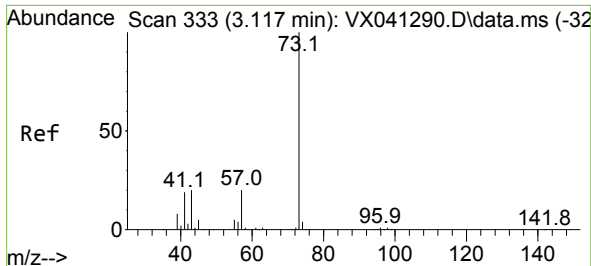
Tgt Ion: 43 Resp: 2411

Ion Ratio Lower Upper

43 100

58 26.6 21.9 32.9

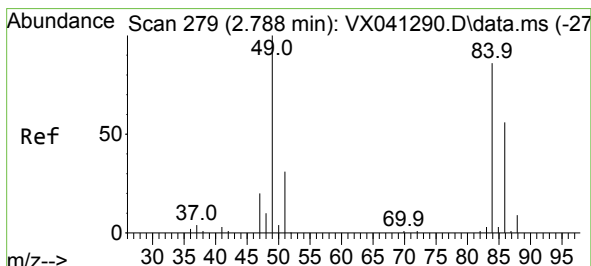
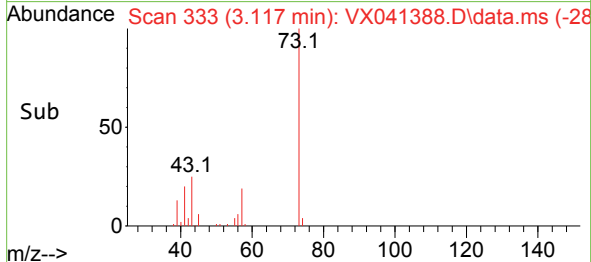
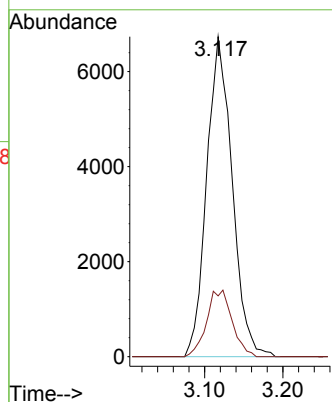
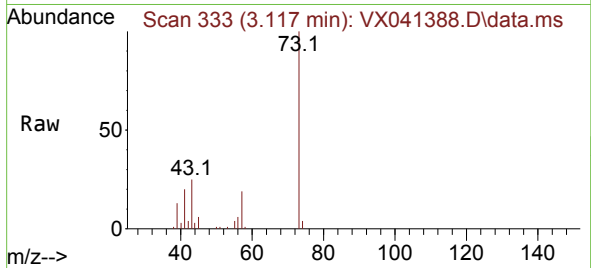




#19
Methyl tert-butyl Ether
Concen: 3.473 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

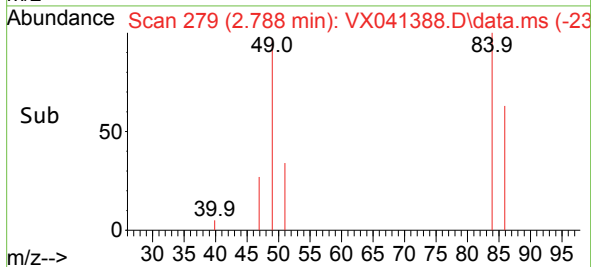
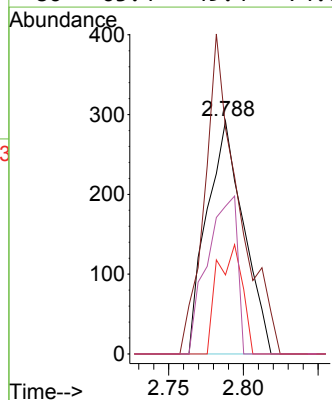
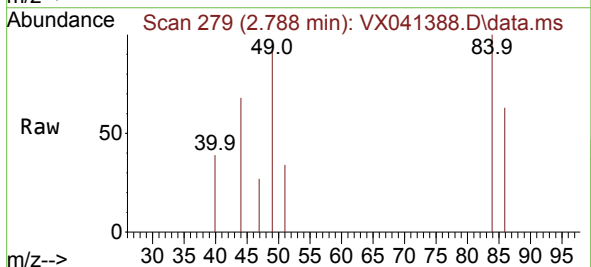
Instrument :
MSVOA_X
ClientSampleId :

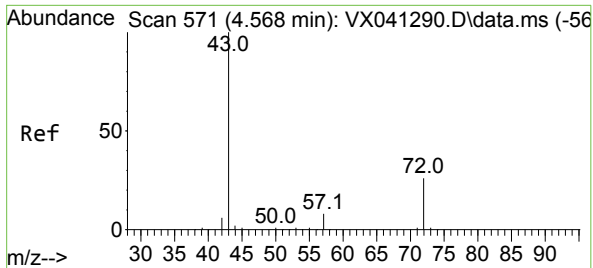
Tgt Ion: 73 Resp: 15238
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9



#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 84 Resp: 497
Ion Ratio Lower Upper
84 100
49 96.9 103.6 155.4#
51 33.9 33.8 50.6
86 63.4 49.4 74.0

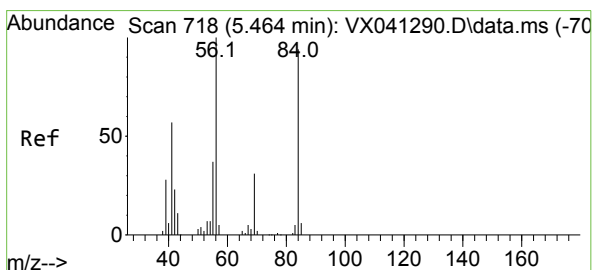
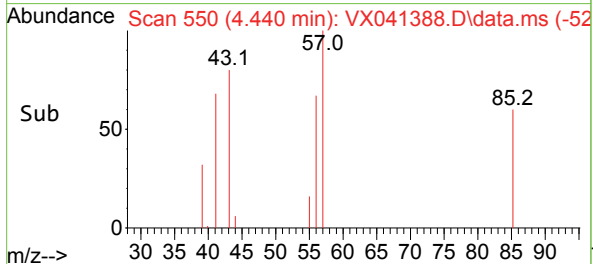
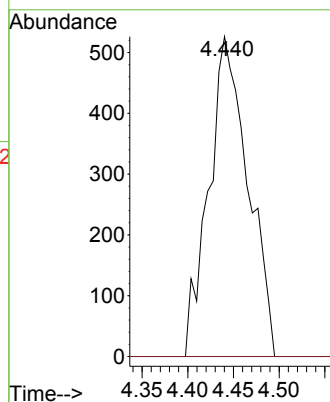
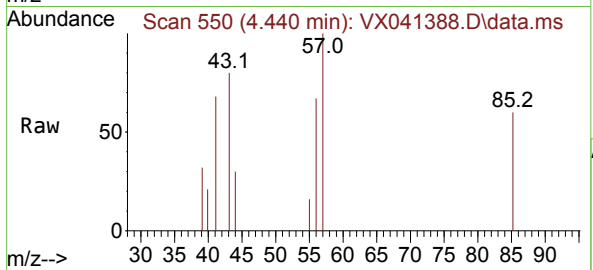




#25
2-Butanone
Concen: 1.435 ug/l
RT: 4.440 min Scan# 51
Delta R.T. -0.128 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

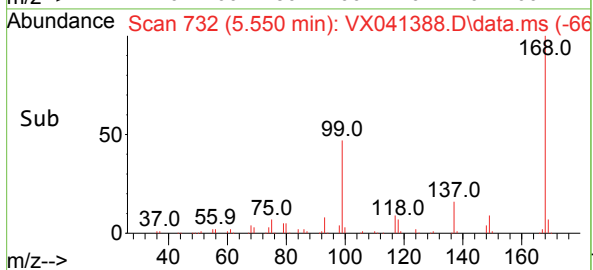
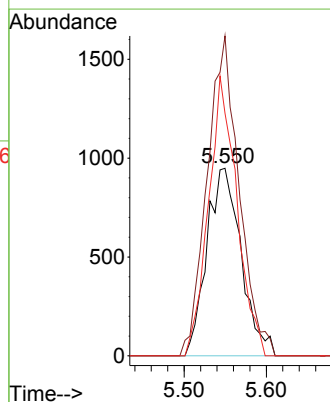
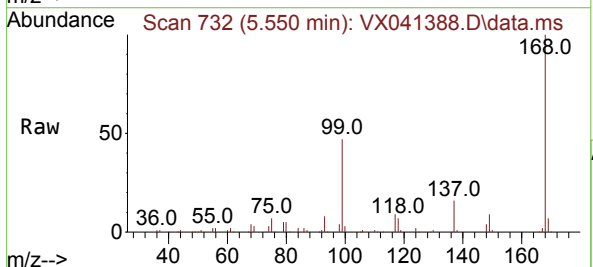
Instrument :
MSVOA_X
ClientSampleId :

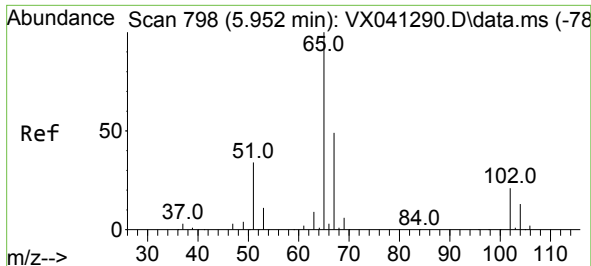
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 170.5 23.4 35.2#
84 129.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.908 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

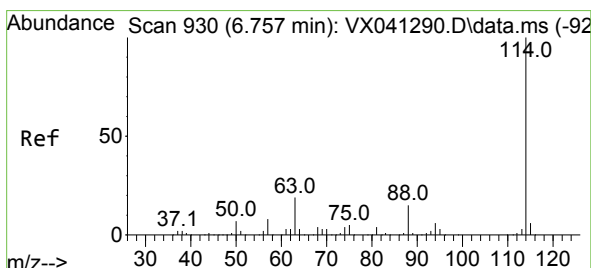
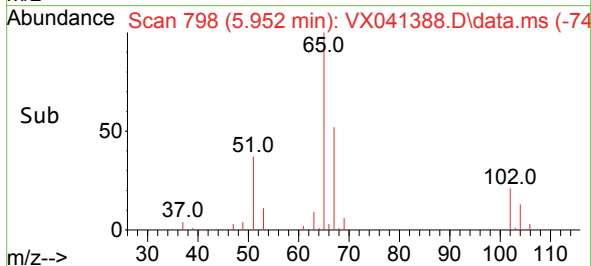
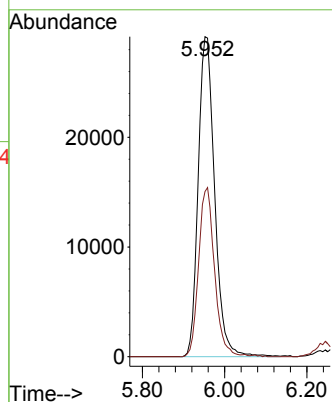
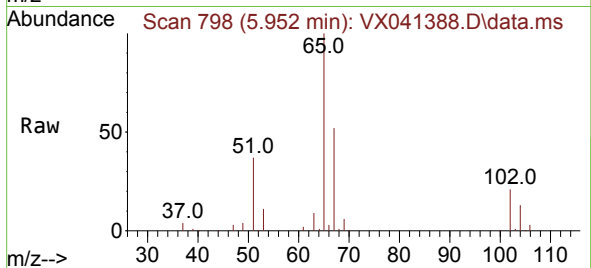
ClientSampleId :

Tgt Ion: 65 Resp: 81009

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

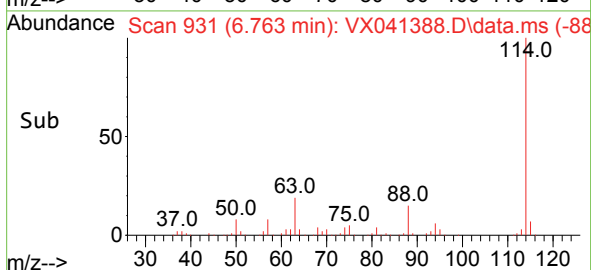
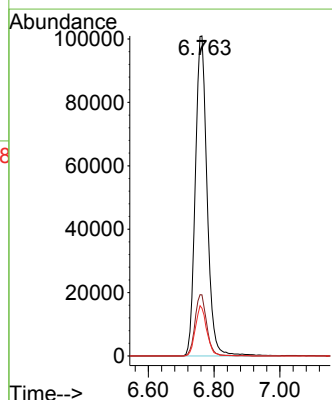
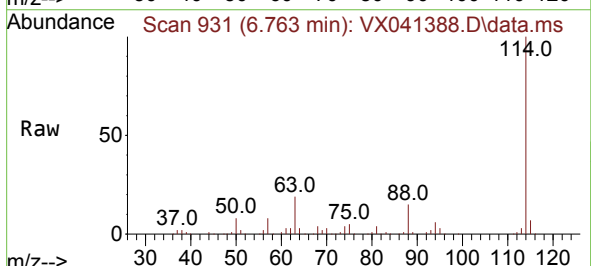
Tgt Ion: 114 Resp: 250260

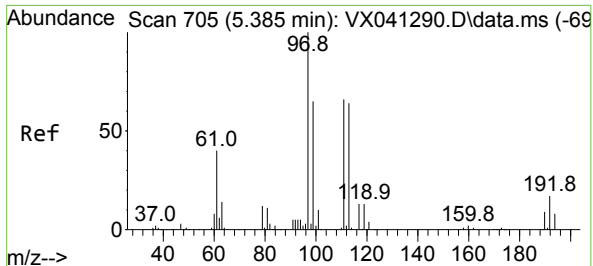
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

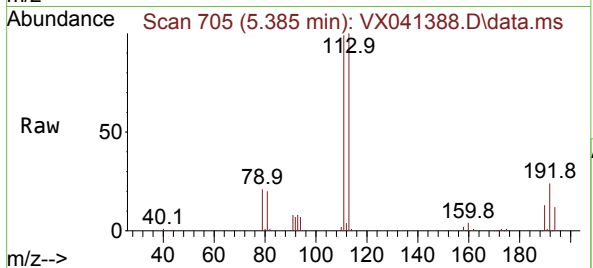
88 14.9 0.0 36.6



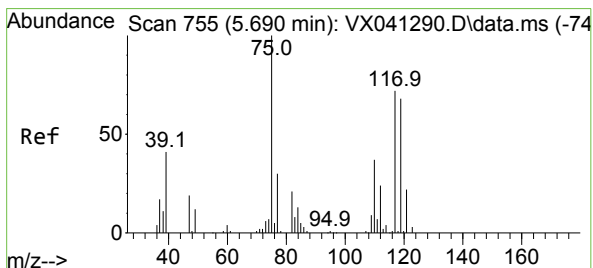
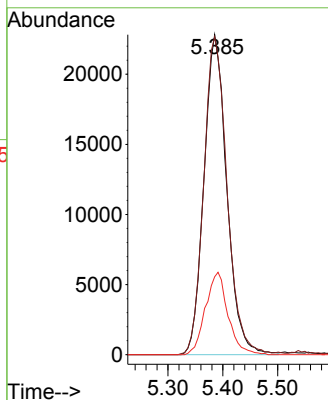
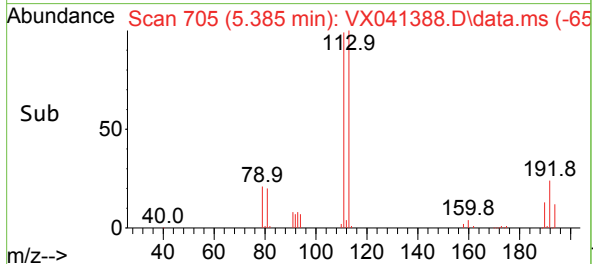


#35
Dibromofluoromethane
Concen: 38.957 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

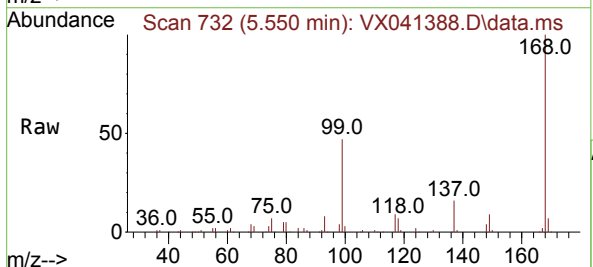
Instrument :
MSVOA_X
ClientSampleId :



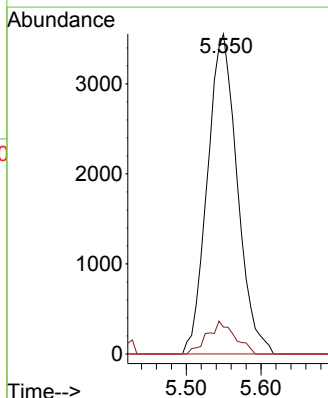
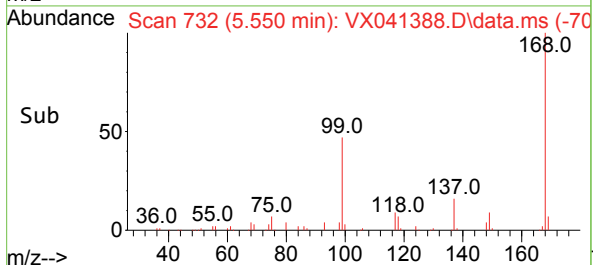
Tgt Ion:113 Resp: 66068
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.4 13.3 19.9#

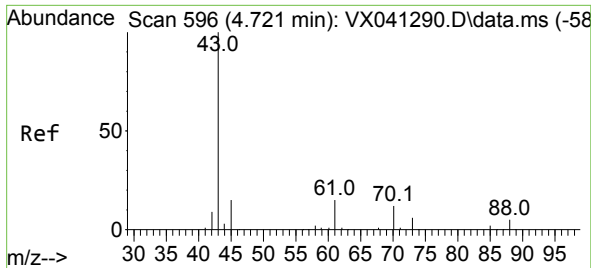


#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44



Tgt Ion: 75 Resp: 9870
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.408 ug/l

RT: 4.440 min Scan# 51

Delta R.T. -0.280 min

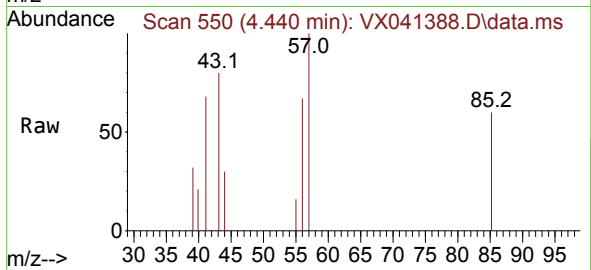
Lab File: VX041388.D

Acq: 06 May 2024 18:44

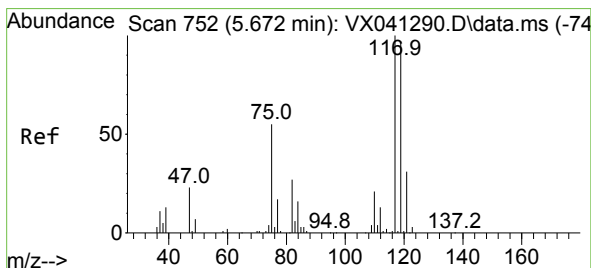
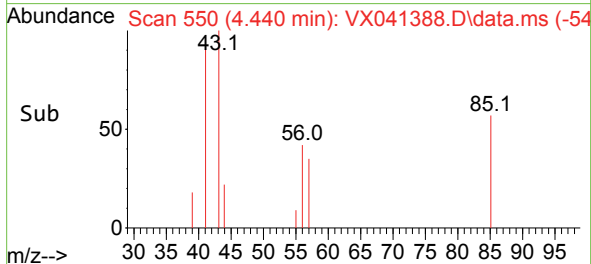
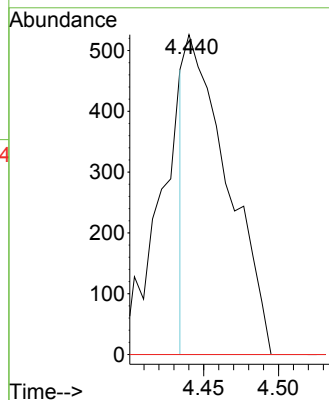
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1033
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.876 ug/l

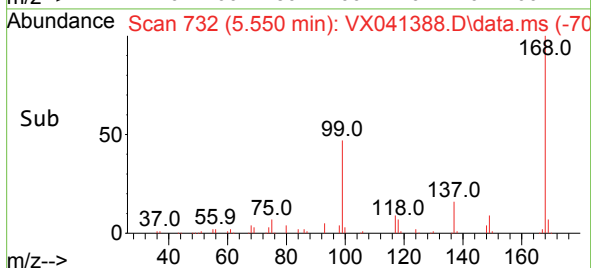
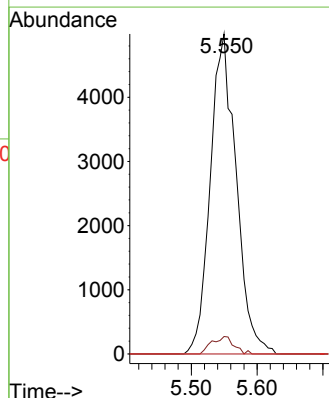
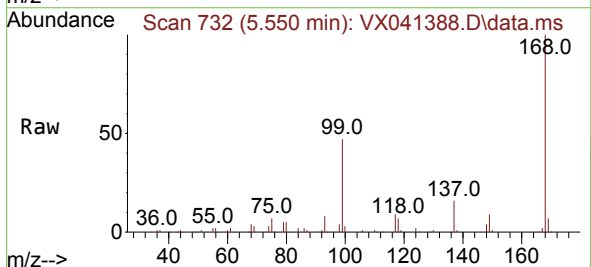
RT: 5.550 min Scan# 732

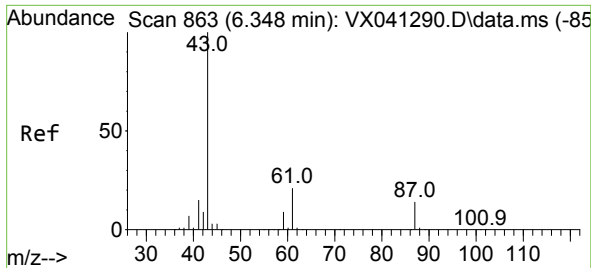
Delta R.T. -0.122 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Tgt Ion:	117	Resp:	13651
Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.2#
121	0.0	24.4	36.6#





#43

Isopropyl Acetate

Concen: 16.856 ug/l

RT: 6.245 min Scan# 84

Delta R.T. -0.104 min

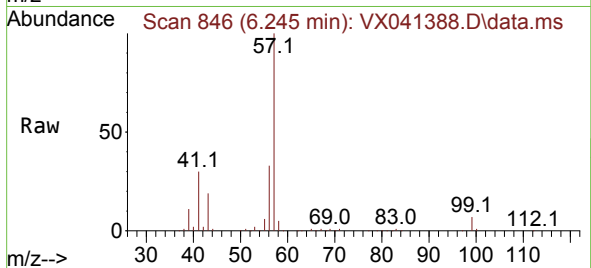
Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

ClientSampleId :



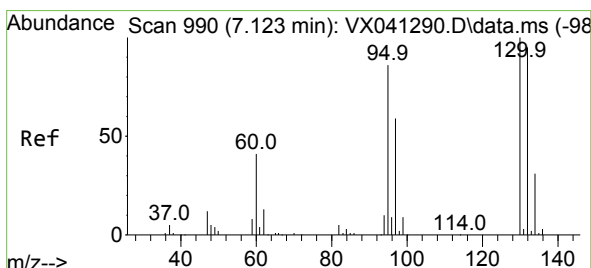
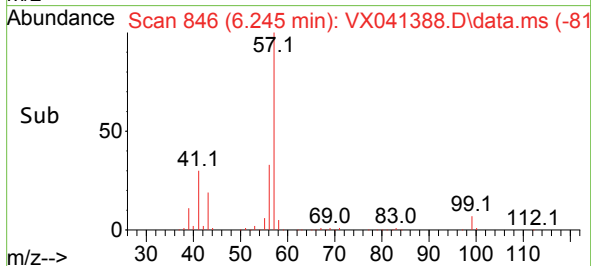
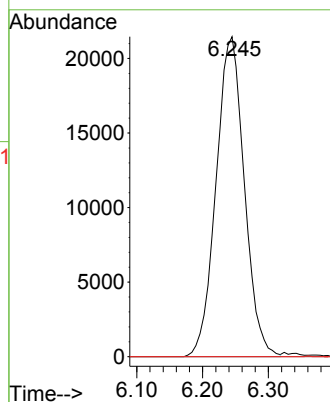
Tgt Ion: 43 Resp: 64127

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.258 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX041388.D

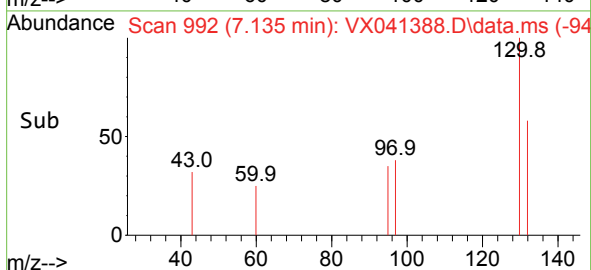
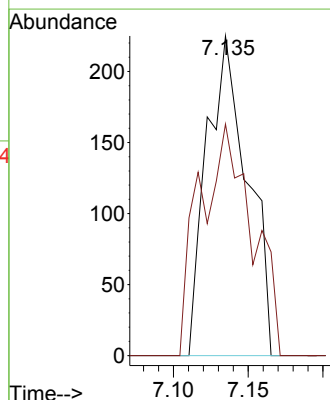
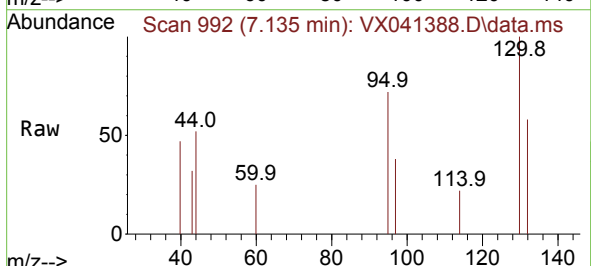
Acq: 06 May 2024 18:44

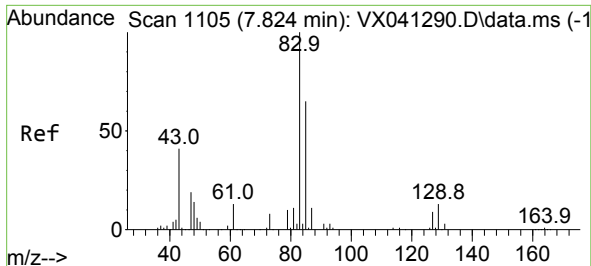
Tgt Ion:130 Resp: 426

Ion Ratio Lower Upper

130 100

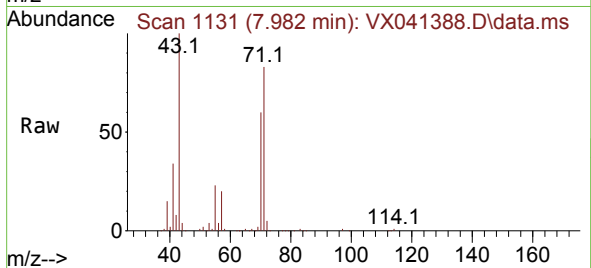
95 72.4 0.0 204.4



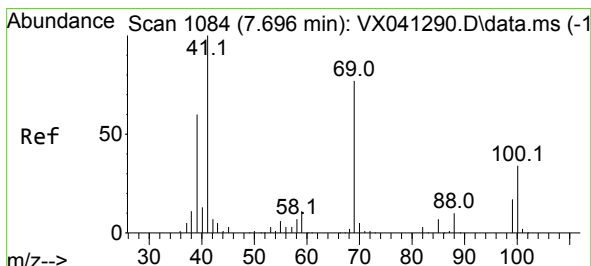
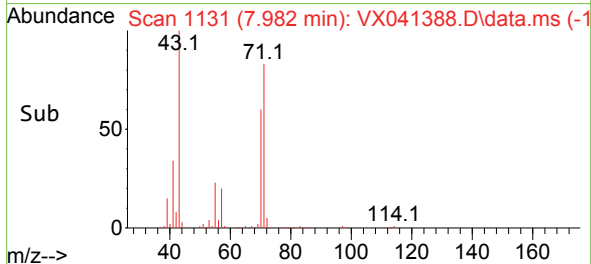
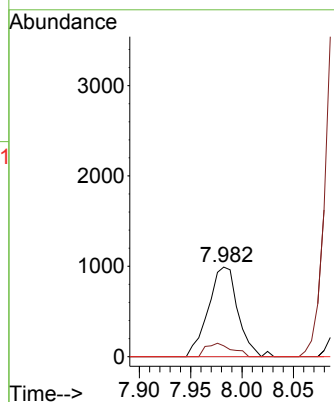


#47
Bromodichloromethane
Concen: 1.002 ug/l
RT: 7.982 min Scan# 1105
Delta R.T. 0.159 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :

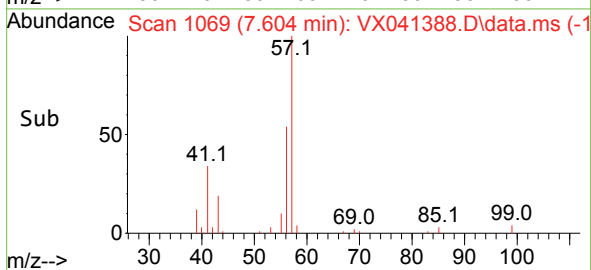
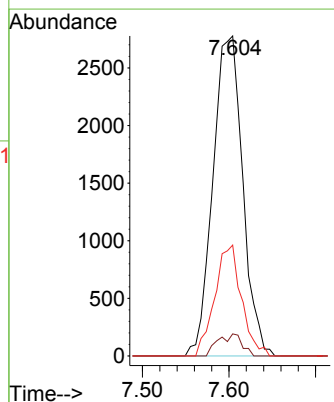
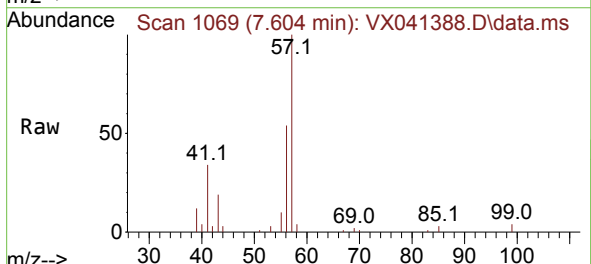


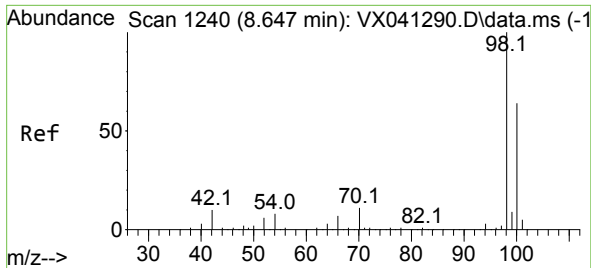
Tgt Ion: 83 Resp: 1986
Ion Ratio Lower Upper
83 100
85 12.1 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 3.801 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 41 Resp: 6629
Ion Ratio Lower Upper
41 100
69 5.6 59.2 88.8#
39 31.1 47.7 71.5#

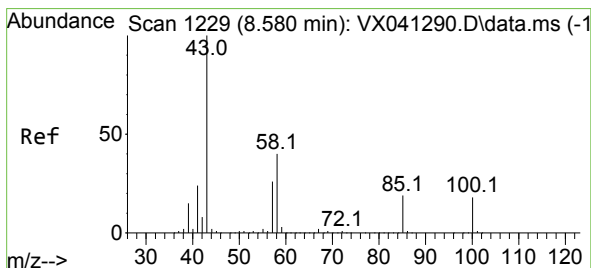
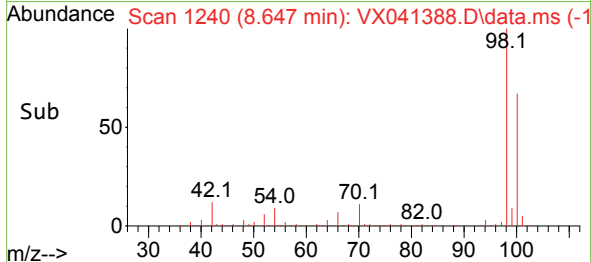
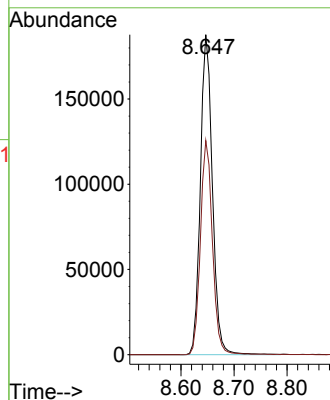
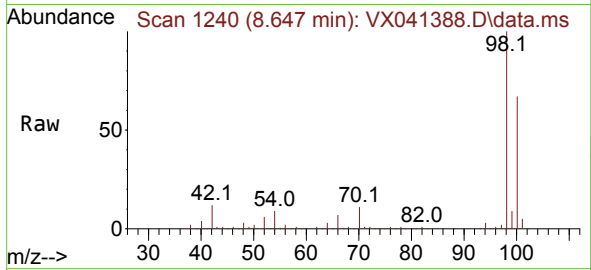




#50
Toluene-d8
Concen: 55.194 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

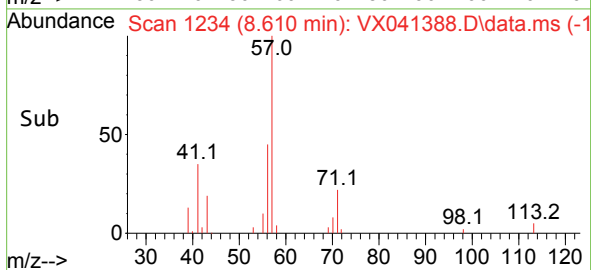
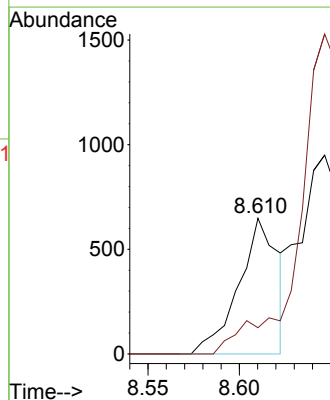
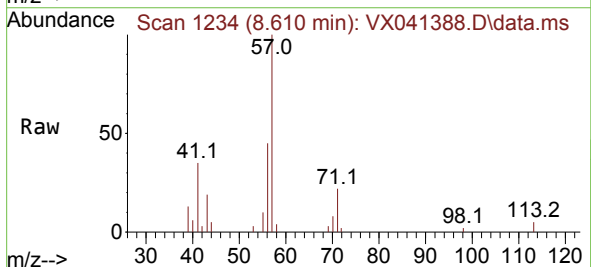
Instrument :
MSVOA_X
ClientSampleId :

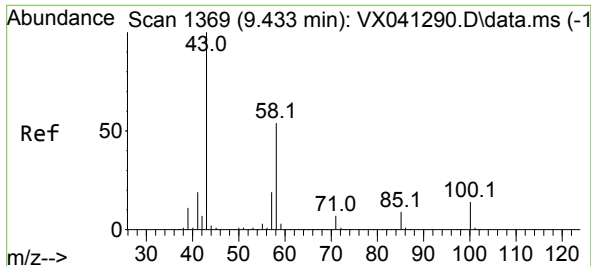
Tgt Ion: 98 Resp: 296271
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.610 min Scan# 1234
Delta R.T. 0.030 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#59

2-Hexanone

Concen: 1.431 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. -0.189 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

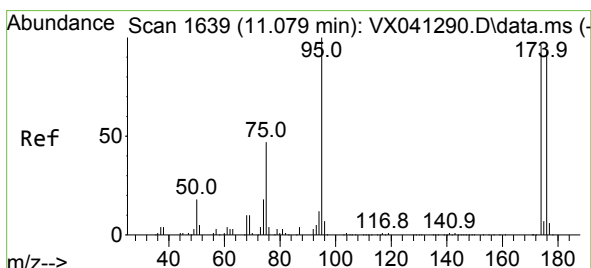
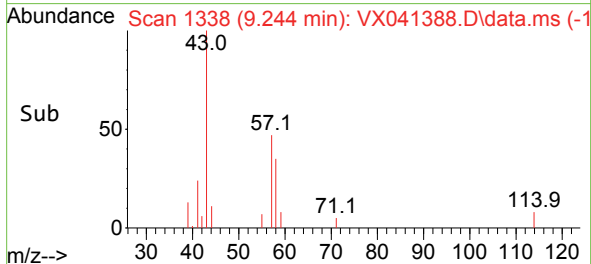
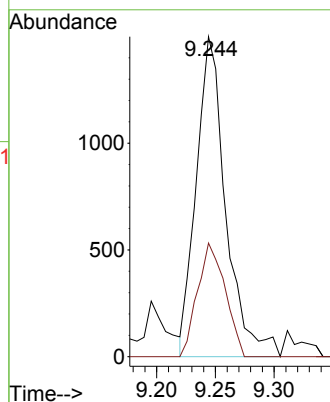
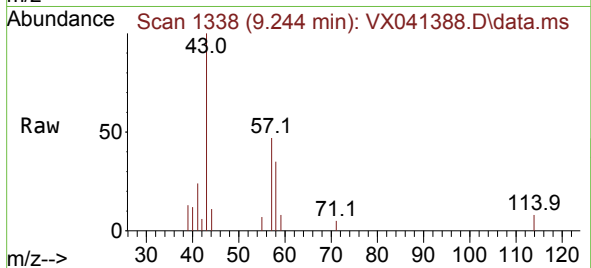
ClientSampleId :

Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

43 100

58 33.3 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 51.700 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

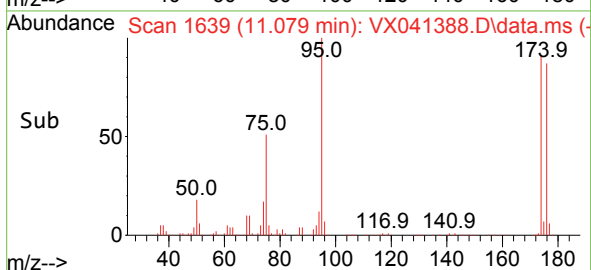
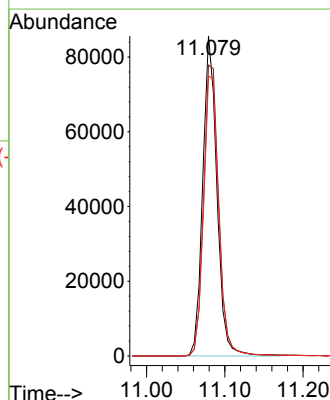
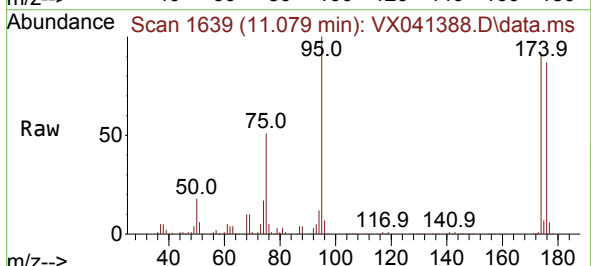
Tgt Ion: 95 Resp: 107427

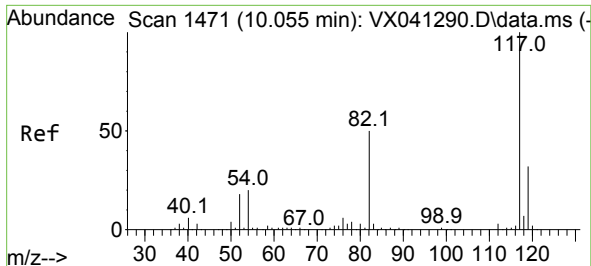
Ion Ratio Lower Upper

95 100

174 97.9 0.0 135.6

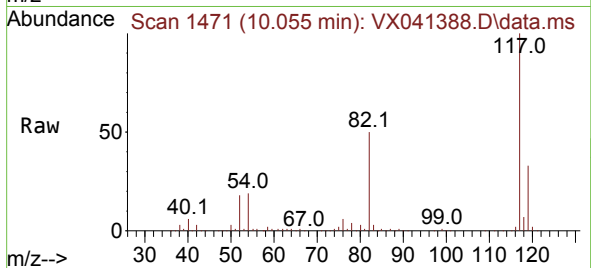
176 93.6 0.0 131.0



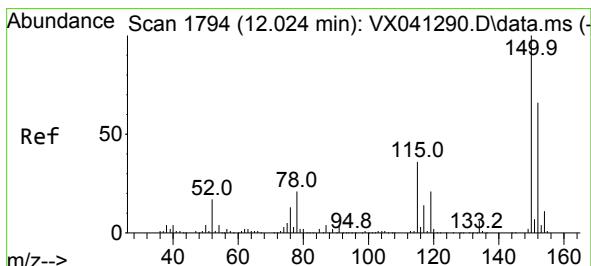
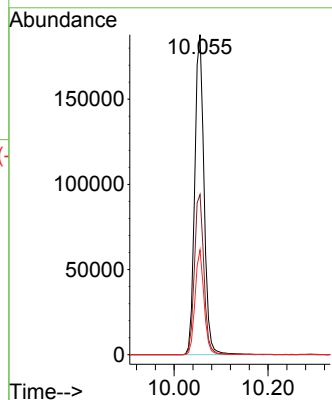
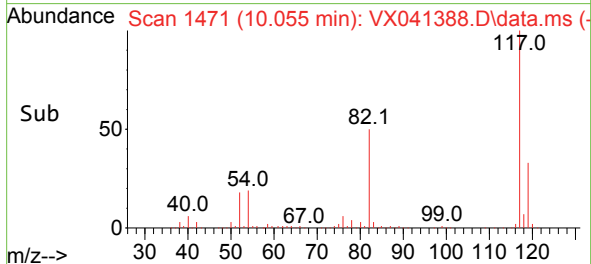


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44

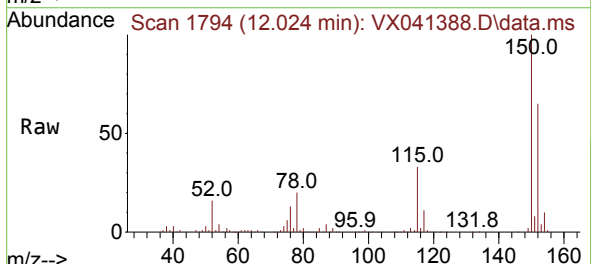
Instrument :
MSVOA_X
ClientSampleId :



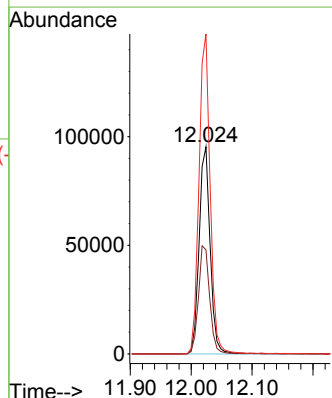
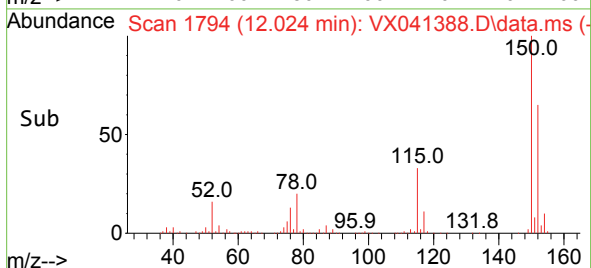
Tgt Ion:117 Resp: 259362
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 32.7 25.5 38.3

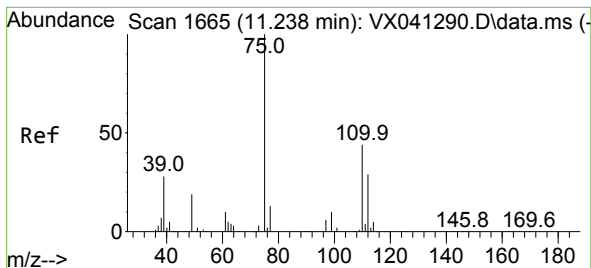


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041388.D
Acq: 06 May 2024 18:44



Tgt Ion:152 Resp: 119787
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.983 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Instrument :

MSVOA_X

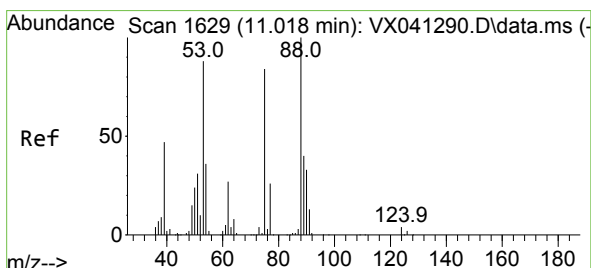
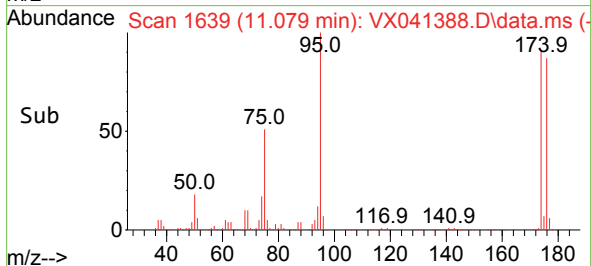
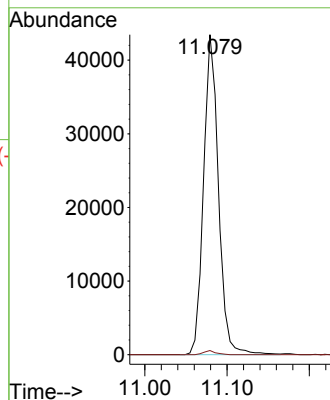
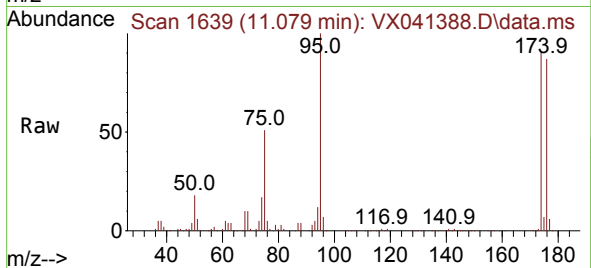
ClientSampleId :

Tgt Ion: 75 Resp: 54627

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.222 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041388.D

Acq: 06 May 2024 18:44

Tgt Ion: 75 Resp: 54627

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

