

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041382.D
 Acq On : 06 May 2024 16:25
 Operator : JC/MD
 Sample : P2393-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:01:48 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)

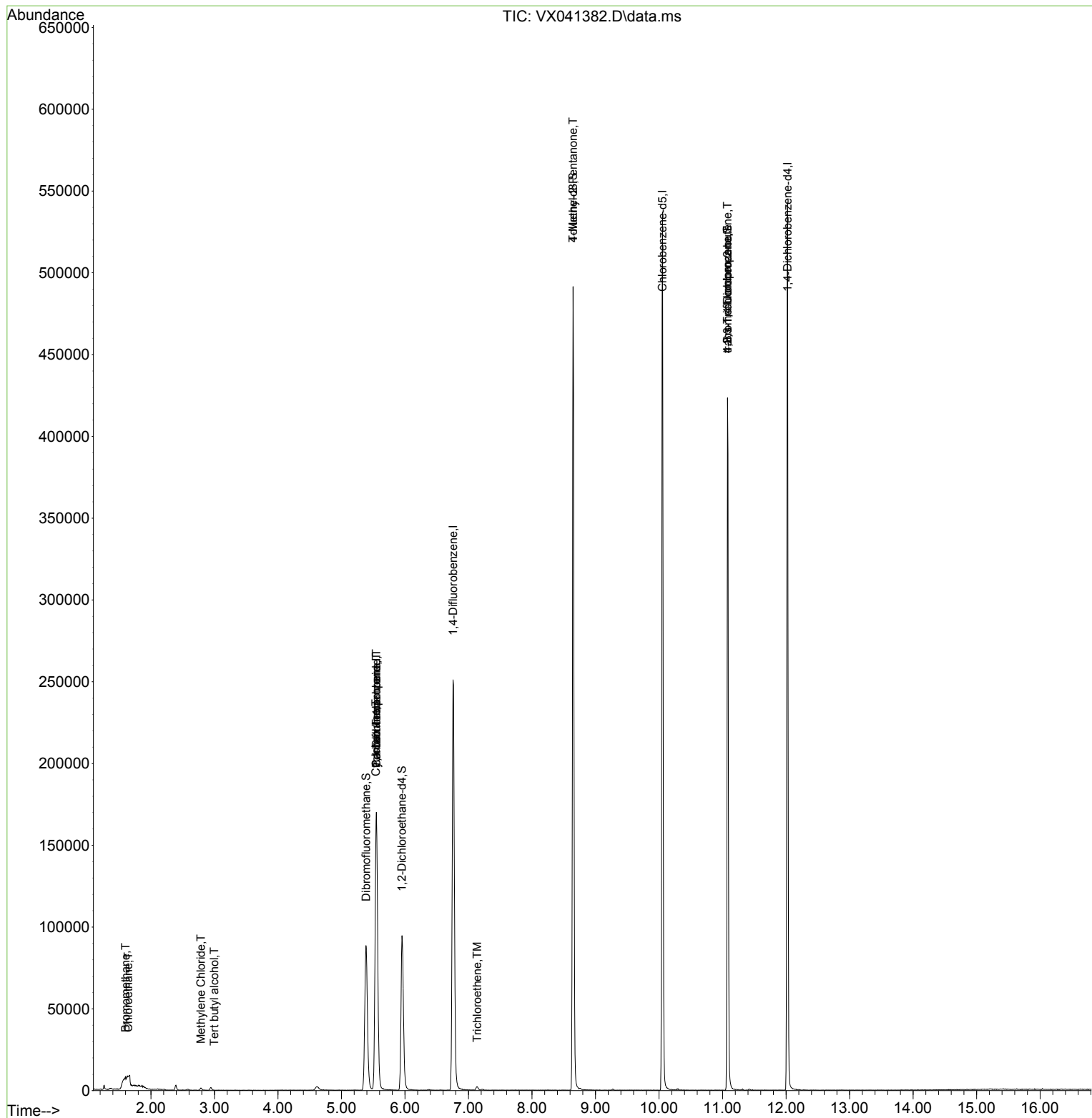
Internal Standards						
1) Pentafluorobenzene	5.550	168	184157	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	271332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94896	47.334	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.385	113	77803	42.313	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.620%
50) Toluene-d8	8.647	98	292338	50.232	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	110590	49.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	243	0.260	ug/l #	39
6) Chloroethane	1.642	64	152	0.219	ug/l #	43
11) Tert butyl alcohol	2.995	59	91	0.227	ug/l #	78
20) Methylene Chloride	2.788	84	792	0.455	ug/l #	80
31) Cyclohexane	5.544	56	3079	1.273	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11418	5.193	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15760	6.257	ug/l #	15
44) Trichloroethene	7.135	130	1009	0.564	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1358	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55684	27.498	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55684	74.903	ug/l #	5

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

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MSVOA_X
ClientSampleId :

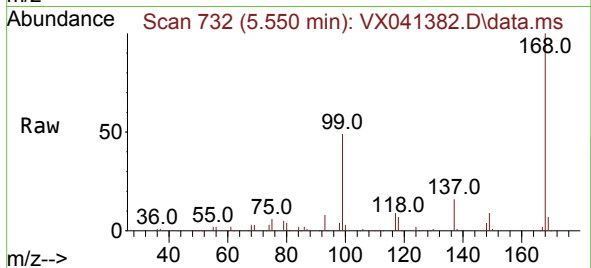
Quant Time: May 07 02:01:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



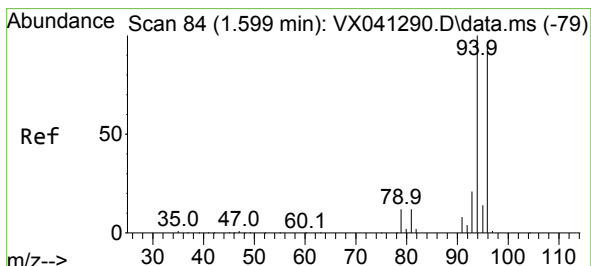
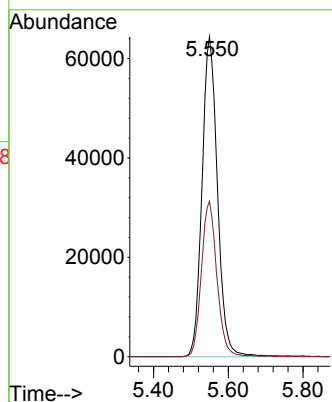
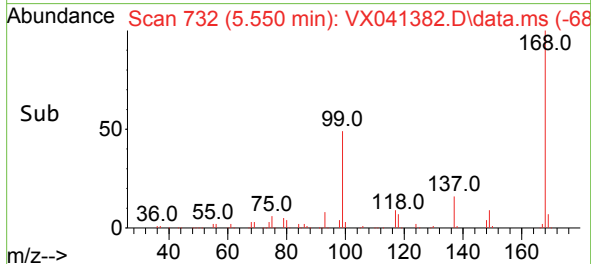


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :

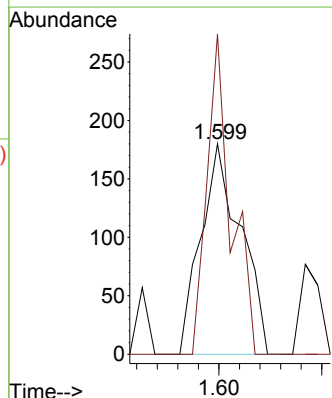
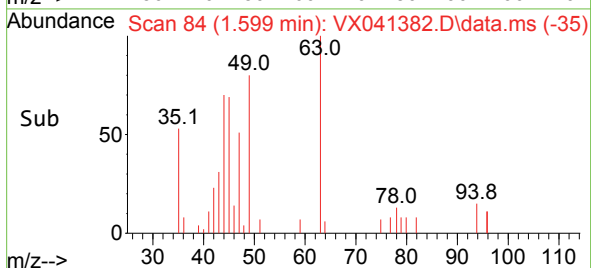
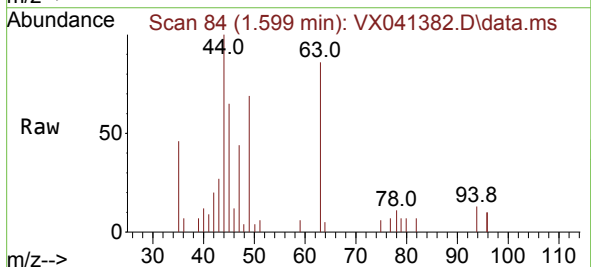


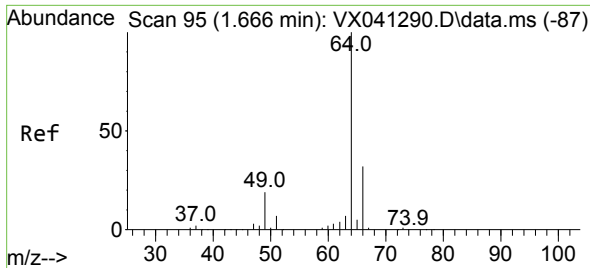
Tgt Ion:168 Resp: 184157
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0#



#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

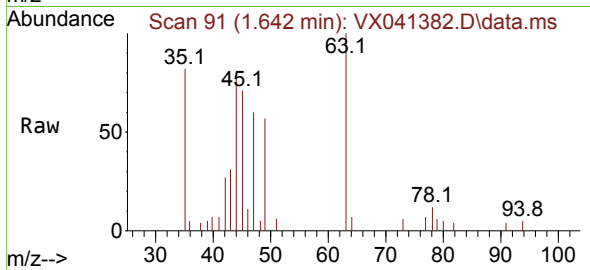
Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 152.2 74.6 111.8#



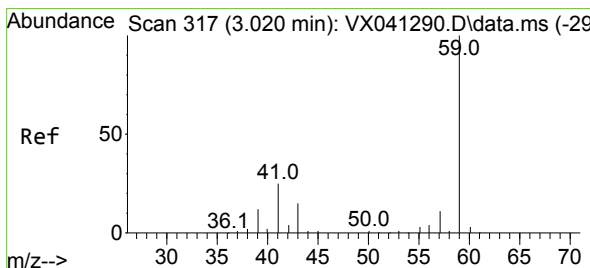
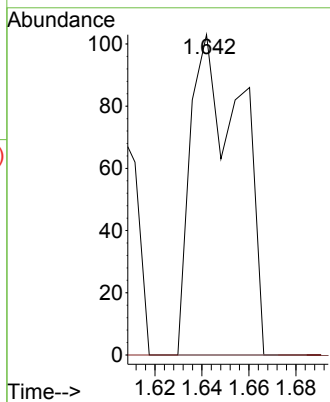
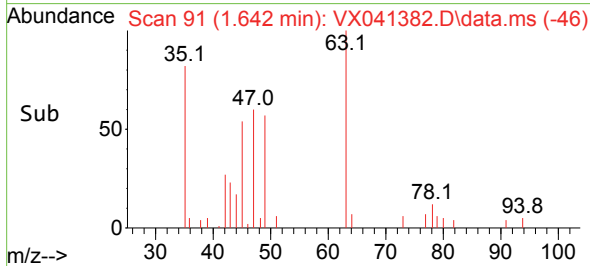


#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

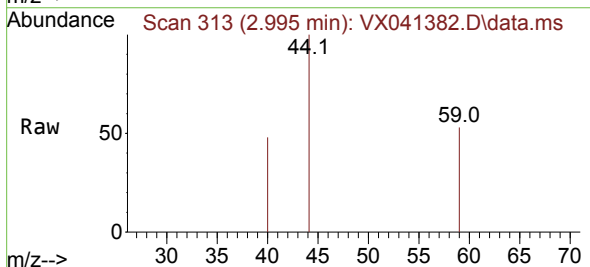
Instrument :
MSVOA_X
ClientSampleId :



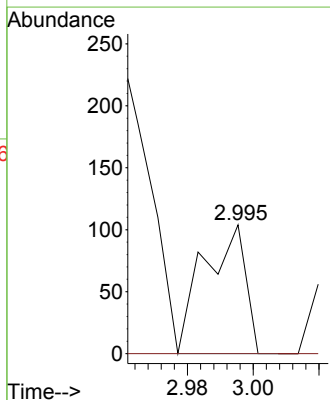
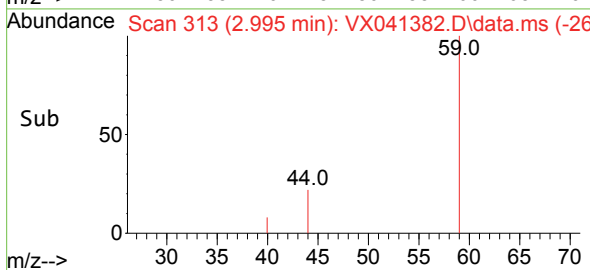
Tgt Ion: 64 Resp: 152
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

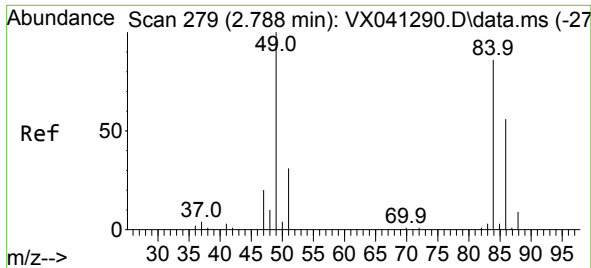


#11
Tert butyl alcohol
Concen: 0.227 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.024 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25



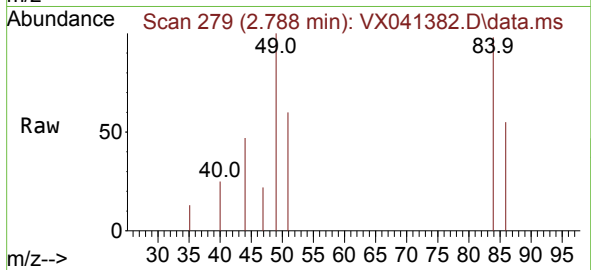
Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



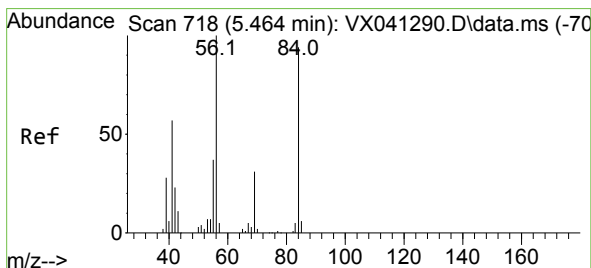
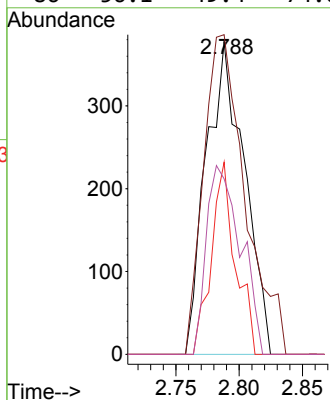
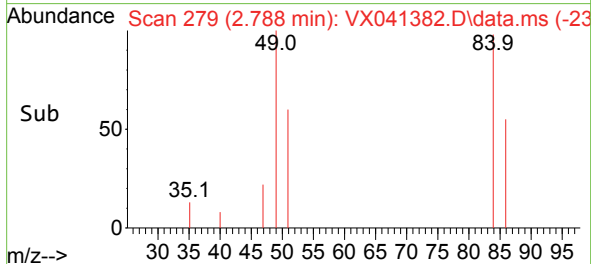


#20
Methylene Chloride
Concen: 0.455 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

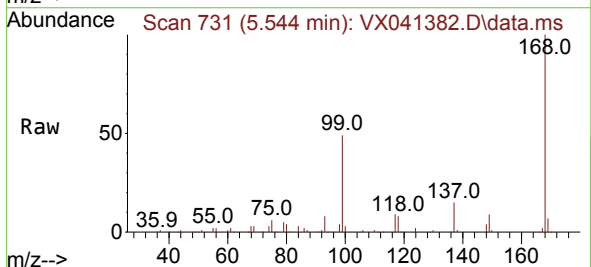
Instrument :
MSVOA_X
ClientSampleId :



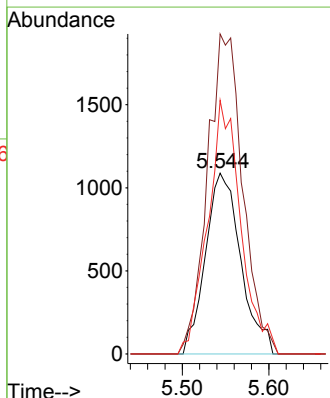
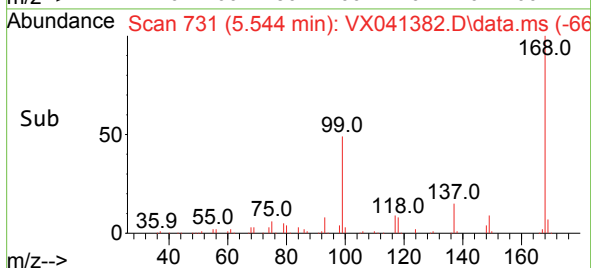
Tgt Ion:	84	Resp:	792
Ion	Ratio	Lower	Upper
84	100		
49	102.1	103.6	155.4#
51	61.4	33.8	50.6#
86	56.1	49.4	74.0

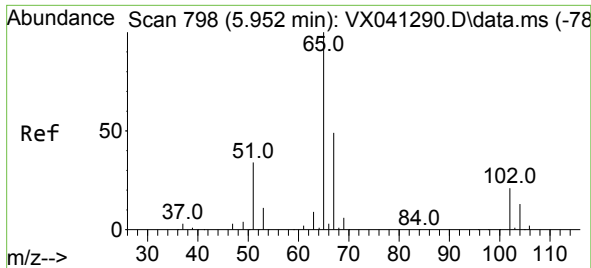


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25



Tgt Ion:	56	Resp:	3079
Ion	Ratio	Lower	Upper
56	100		
69	177.0	23.4	35.2#
84	140.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.334 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041382.D

Acq: 06 May 2024 16:25

Instrument :

MSVOA_X

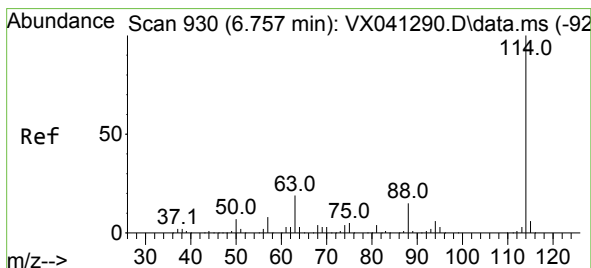
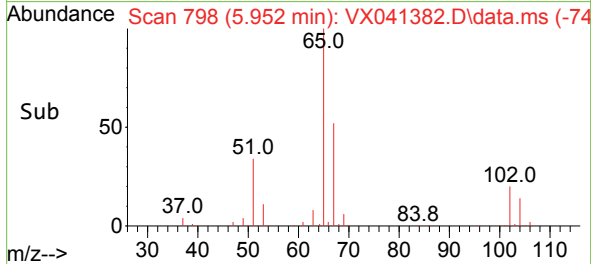
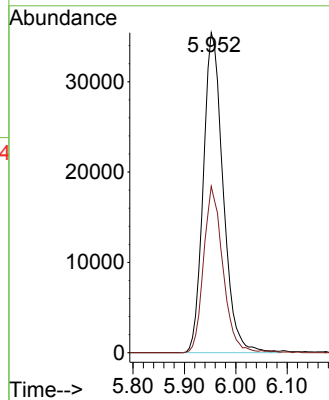
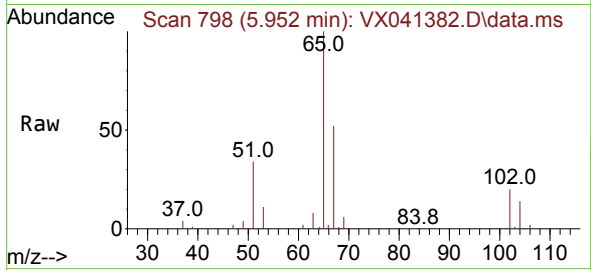
ClientSampleId :

Tgt Ion: 65 Resp: 94896

Ion Ratio Lower Upper

65 100

67 50.3 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: VX041382.D

Acq: 06 May 2024 16:25

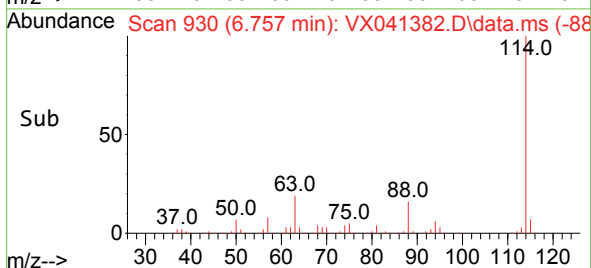
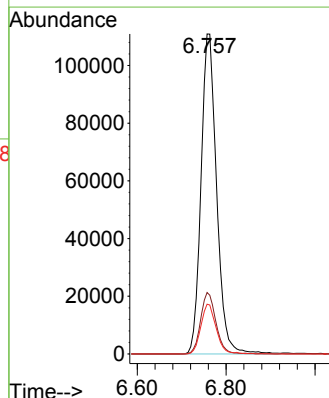
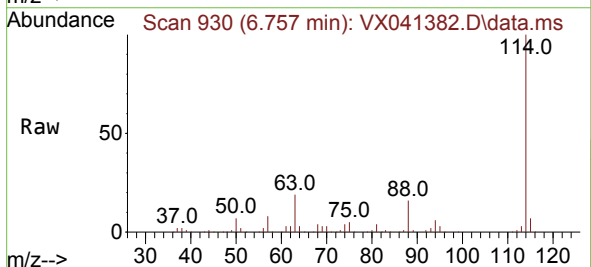
Tgt Ion: 114 Resp: 271332

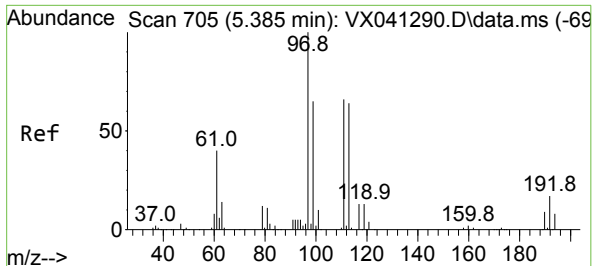
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

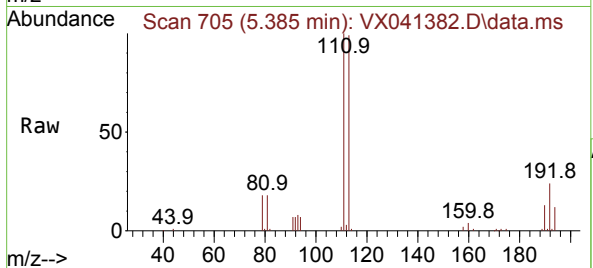
88 15.5 0.0 36.6



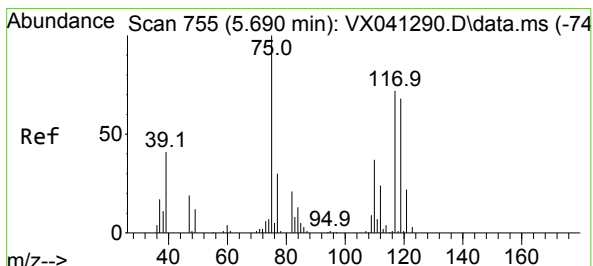
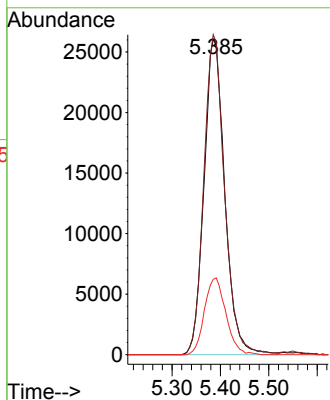
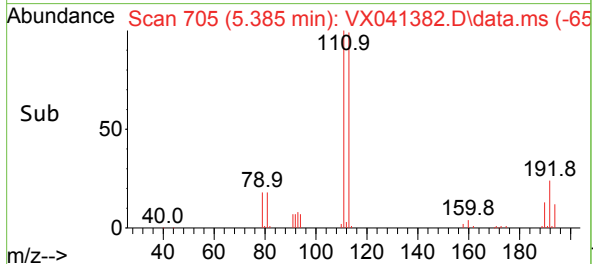


#35
Dibromofluoromethane
Concen: 42.313 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

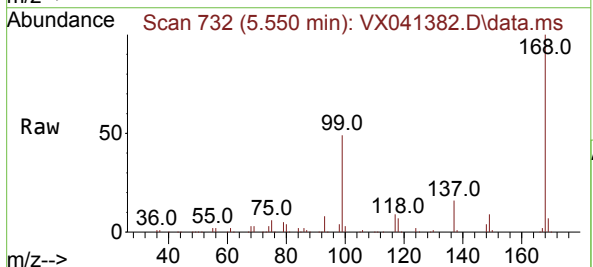
Instrument :
MSVOA_X
ClientSampleId :



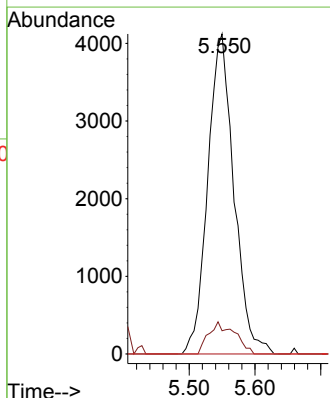
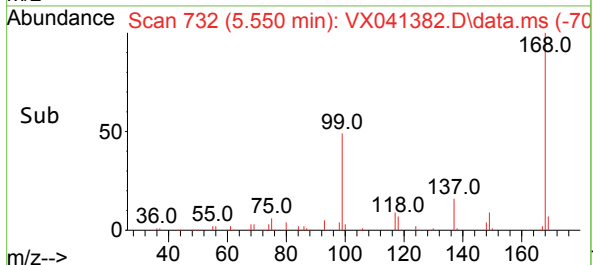
Tgt Ion:113 Resp: 77803
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.0 13.3 19.9#

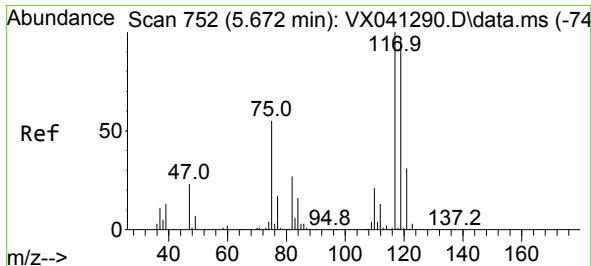


#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25



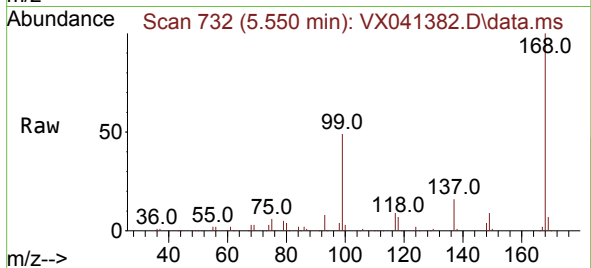
Tgt Ion: 75 Resp: 11418
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



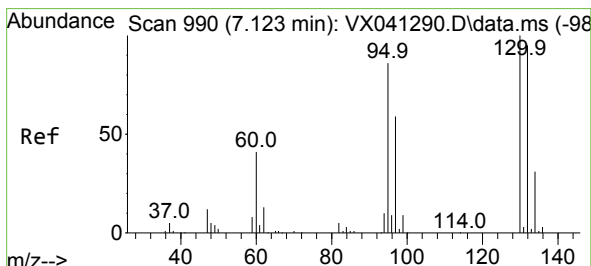
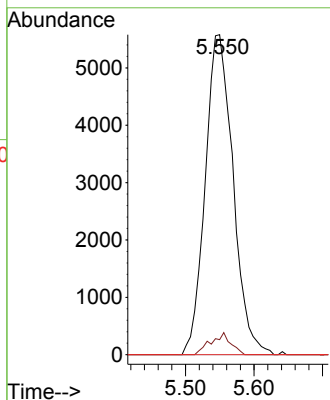
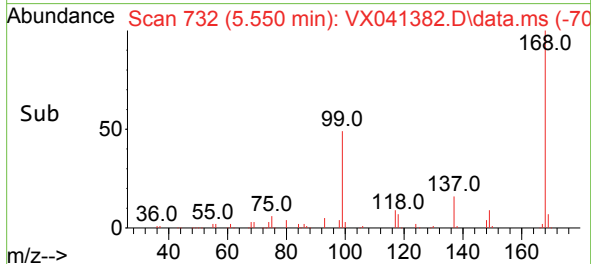


#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

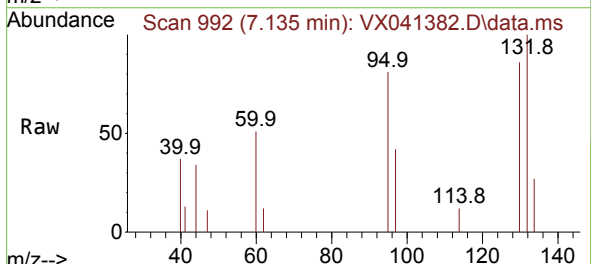
Instrument :
MSVOA_X
ClientSampleId :



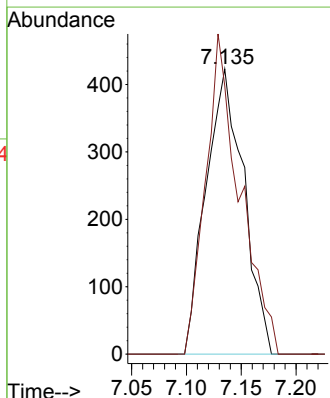
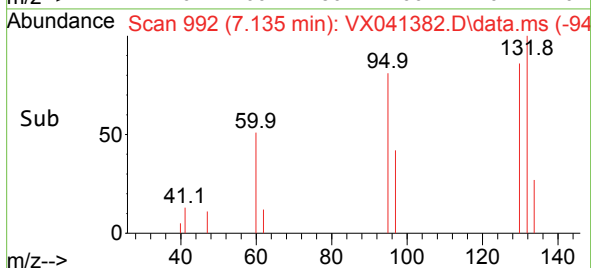
Tgt Ion:117 Resp: 15760
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

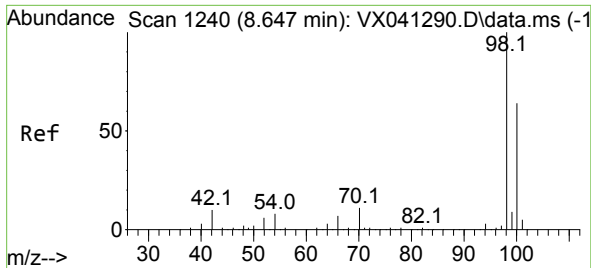


#44
Trichloroethene
Concen: 0.564 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25



Tgt Ion:130 Resp: 1009
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4

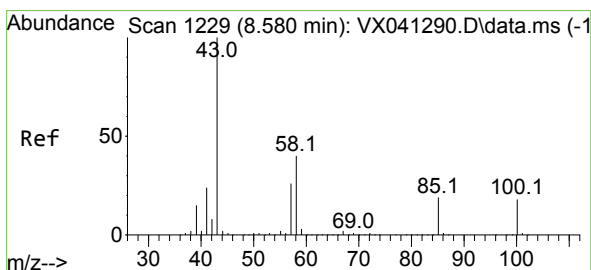
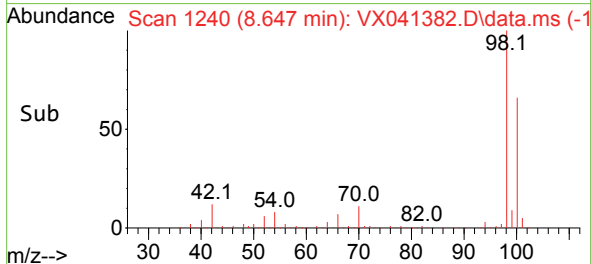
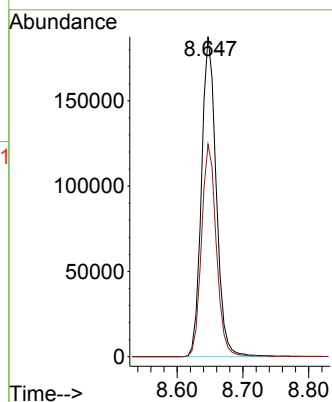
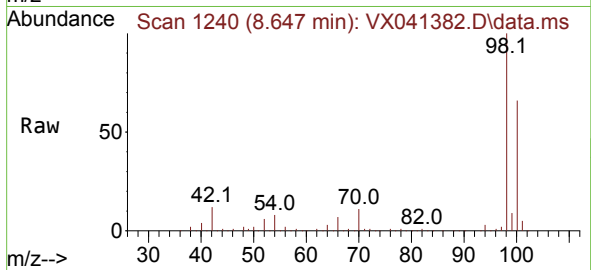




#50
Toluene-d8
Concen: 50.232 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

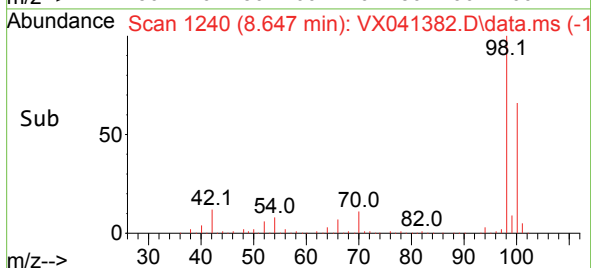
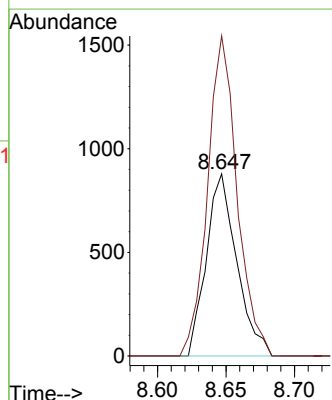
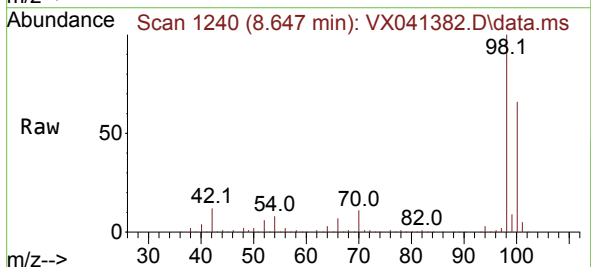
Instrument :
MSVOA_X
ClientSampleId :

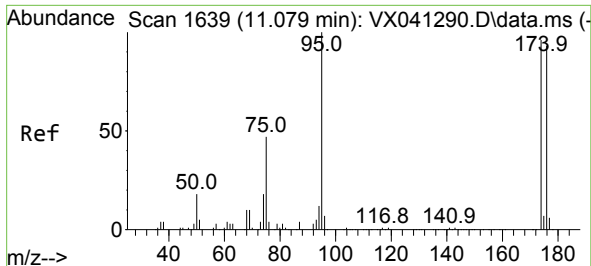
Tgt Ion: 98 Resp: 292338
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 170.6 30.4 45.6#

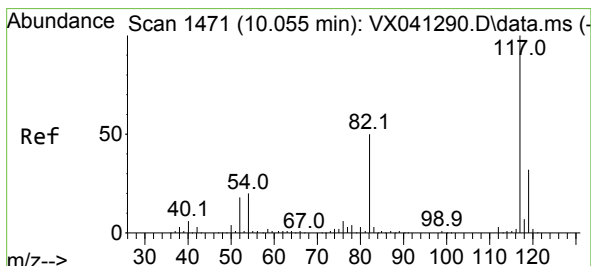
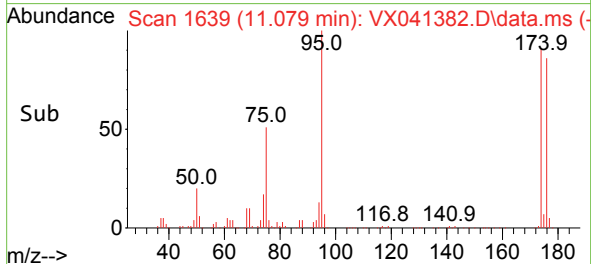
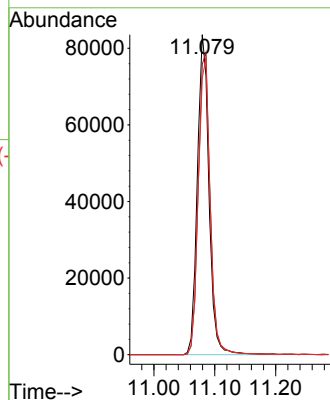
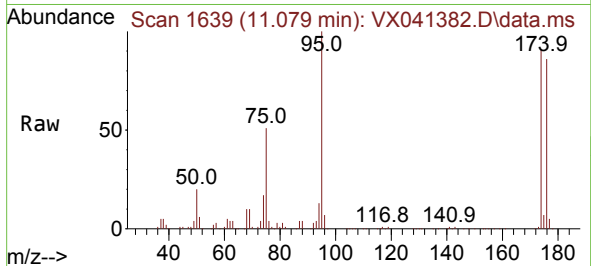




#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

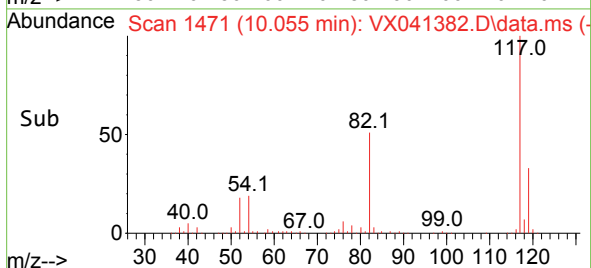
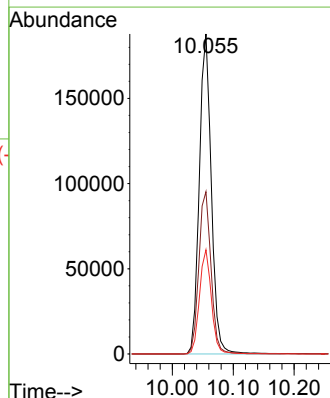
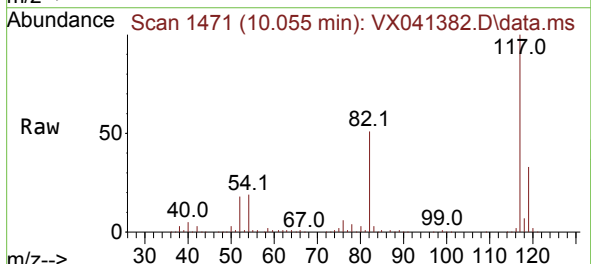
Instrument :
MSVOA_X
ClientSampleId :

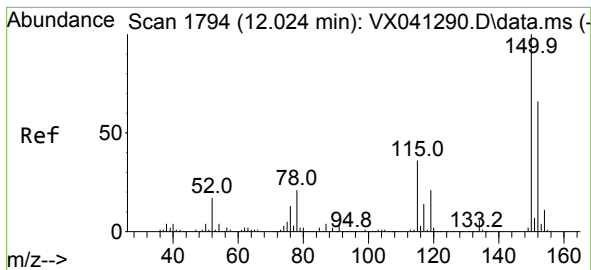
Tgt Ion: 95 Resp: 110590
Ion Ratio Lower Upper
95 100
174 96.7 0.0 135.6
176 94.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041382.D
Acq: 06 May 2024 16:25

Tgt Ion: 117 Resp: 256437
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041382.D

Acq: 06 May 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

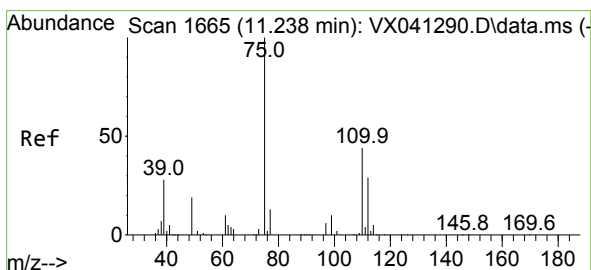
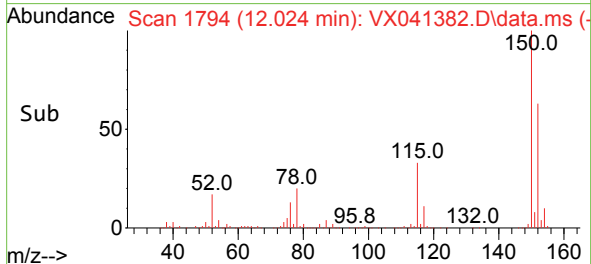
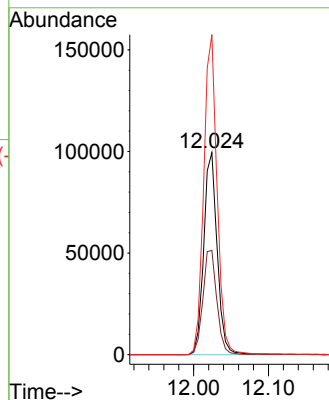
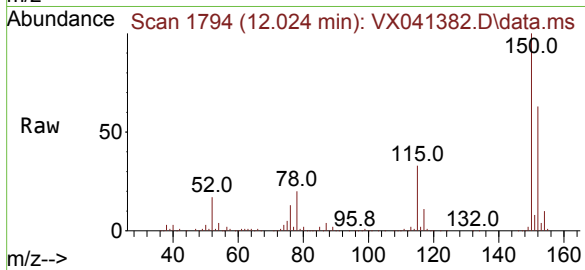
Tgt Ion:152 Resp: 124256

Ion Ratio Lower Upper

152 100

115 53.9 43.3 129.9

150 157.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.498 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041382.D

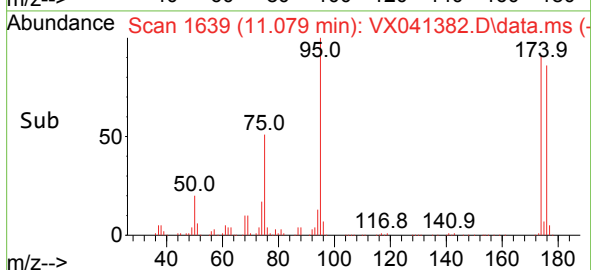
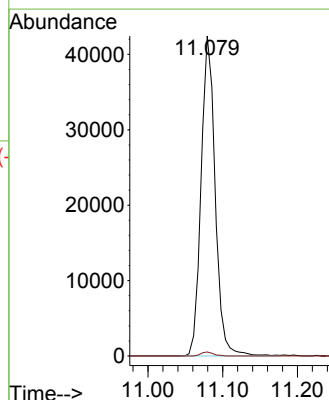
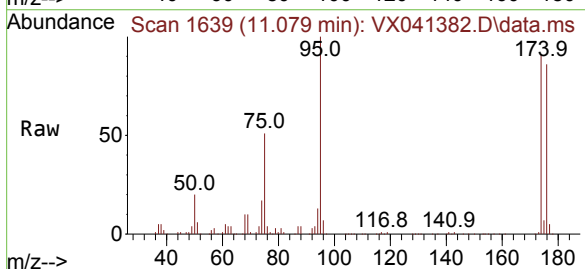
Acq: 06 May 2024 16:25

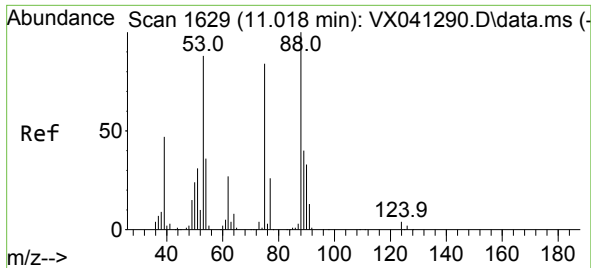
Tgt Ion: 75 Resp: 55684

Ion Ratio Lower Upper

75 100

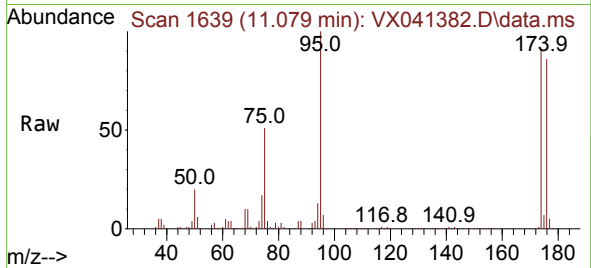
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.903 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041382.D
 Acq: 06 May 2024 16:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55684
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

