

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042164.D
 Acq On : 03 Jul 2024 15:12
 Operator : JC/MD
 Sample : P3156-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 07:26:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

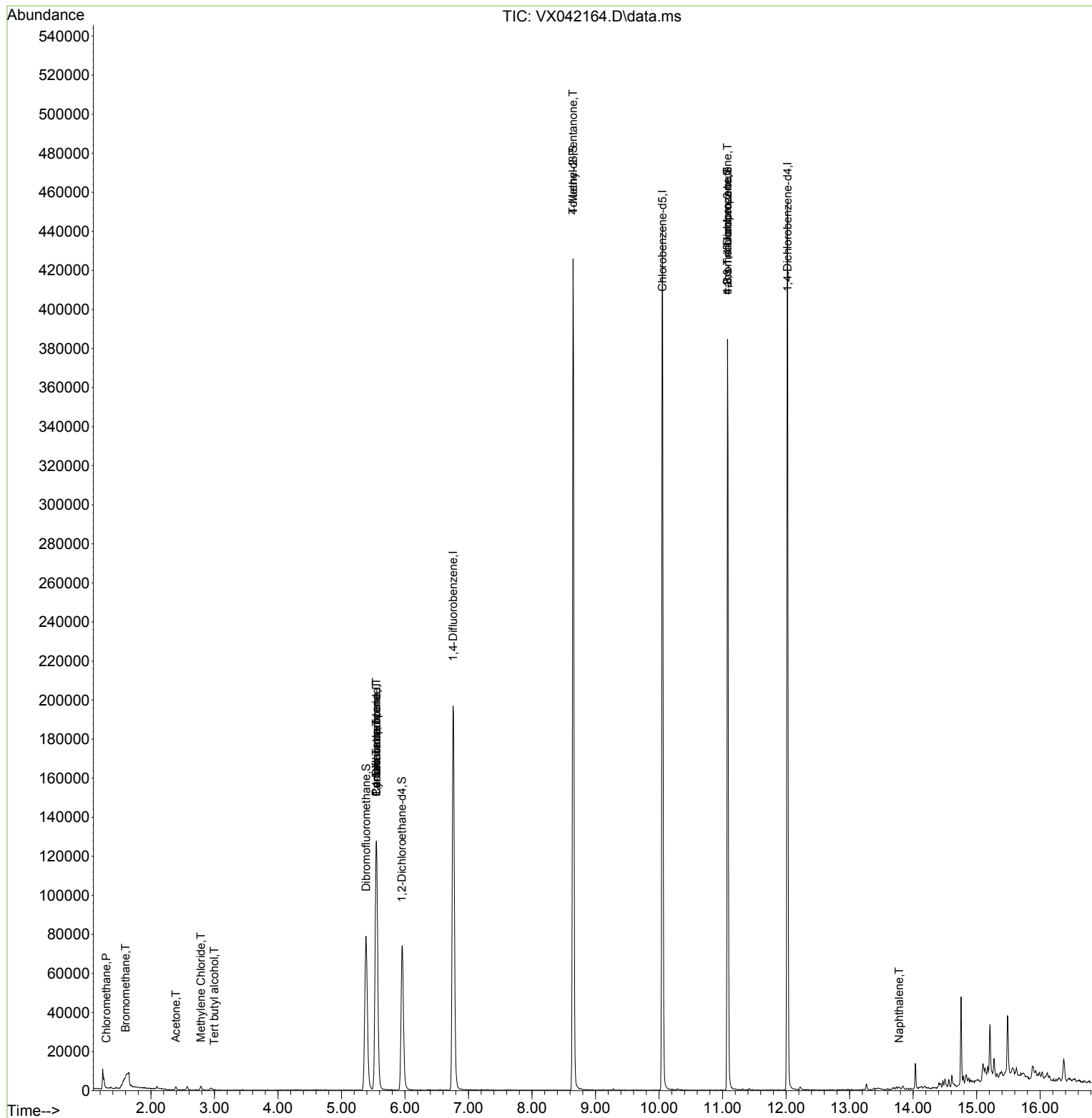
Internal Standards						
1) Pentafluorobenzene	5.550	168	144465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	223323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70673	42.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.840%
35) Dibromofluoromethane	5.385	113	69958	44.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.300%
50) Toluene-d8	8.647	98	260349	46.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.540%
62) 4-Bromofluorobenzene	11.079	95	100555	49.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	301	0.218	ug/l #	43
5) Bromomethane	1.599	94	324	0.474	ug/l #	72
6) Chloroethane	1.672	64	24	Below Cal	#	43
11) Tert butyl alcohol	2.995	59	398	1.259	ug/l #	78
16) Acetone	2.392	43	1782	2.436	ug/l	98
20) Methylene Chloride	2.788	84	1113	0.695	ug/l #	77
31) Cyclohexane	5.550	56	2075	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7877	4.681	ug/l #	46
38) Carbon Tetrachloride	5.550	117	12220	6.573	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	914	0.394	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44591	21.898	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44591	62.188	ug/l #	5
95) Naphthalene	13.780	128	1195	0.894	ug/l #	88

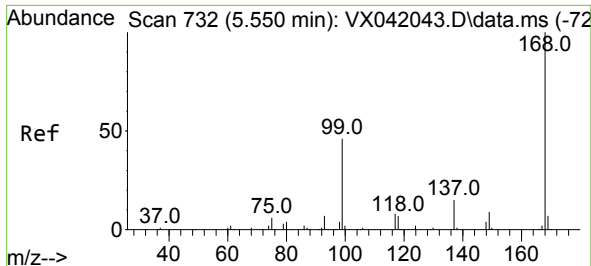
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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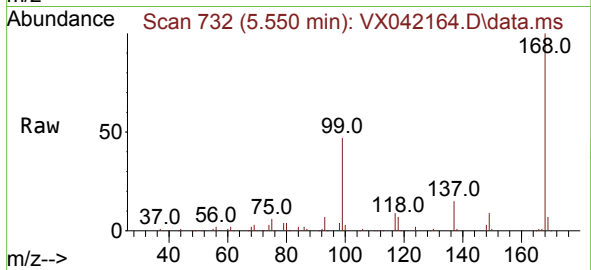
Quant Time: Jul 04 07:26:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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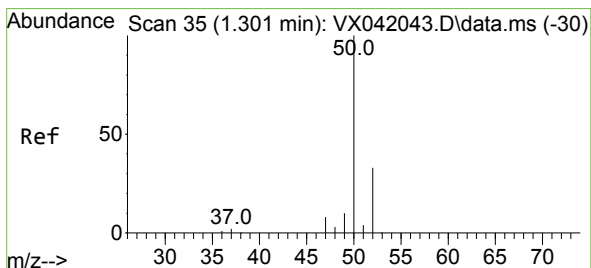
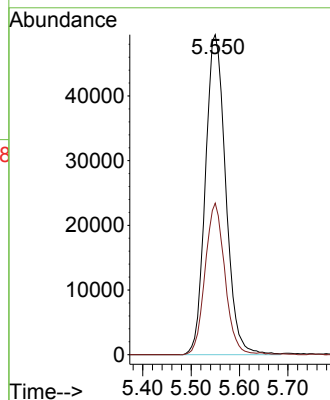
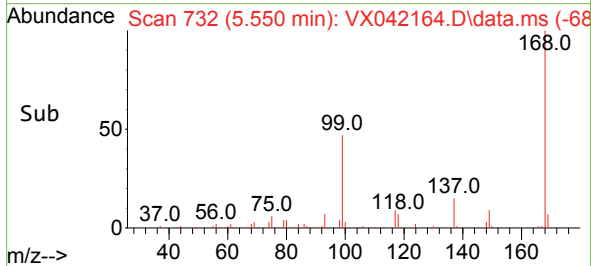


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

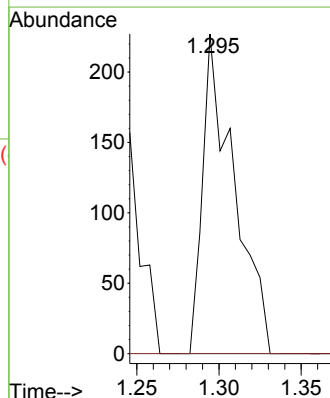
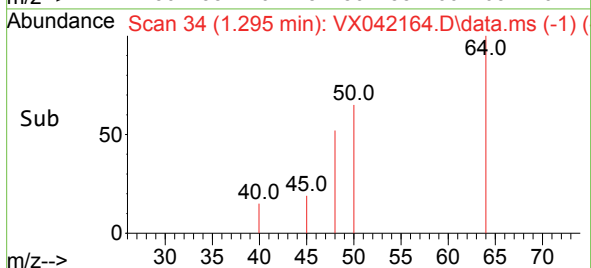
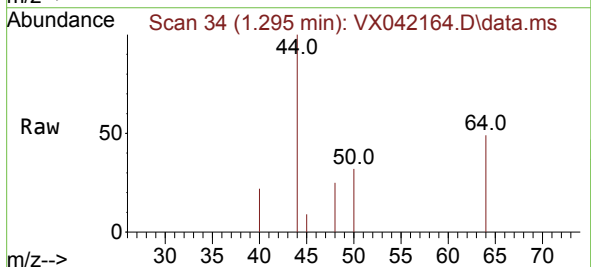


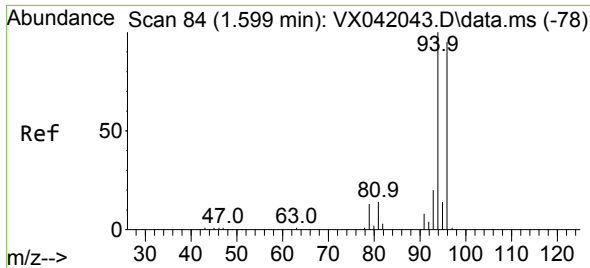
Tgt Ion:168 Resp: 144465
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

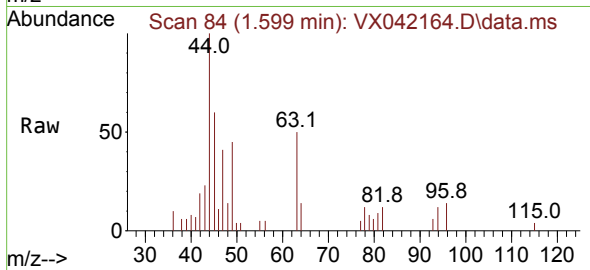
Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



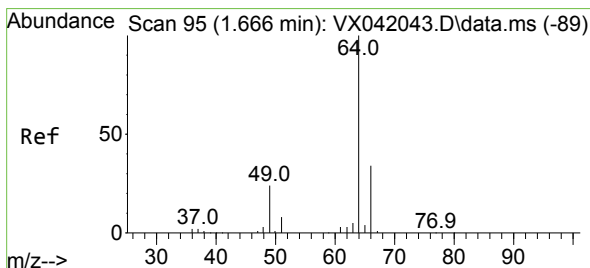
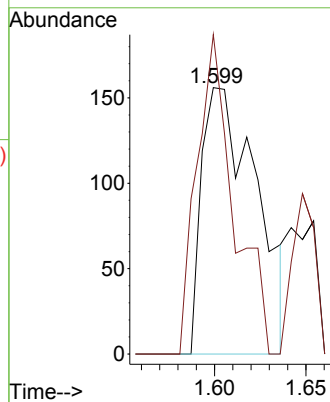
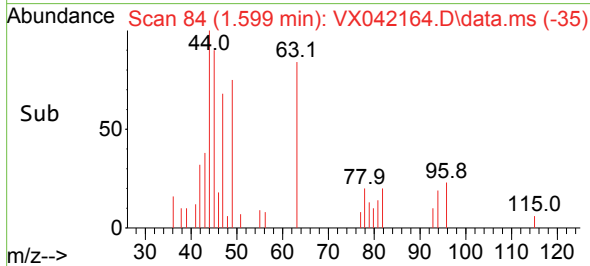


#5
Bromomethane
Concen: 0.474 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

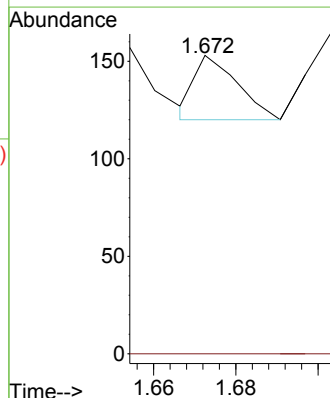
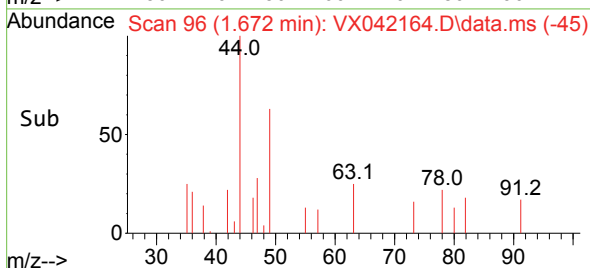
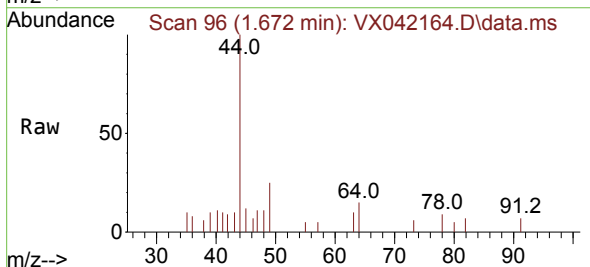


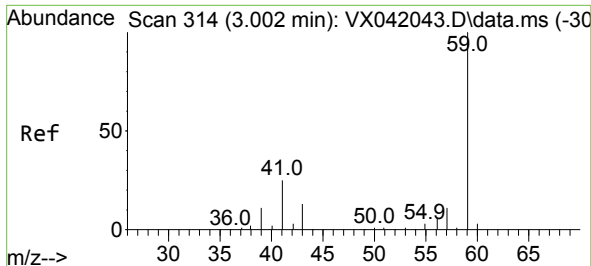
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 119.9 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.259 ug/l

RT: 2.995 min Scan# 314

Delta R.T. -0.012 min

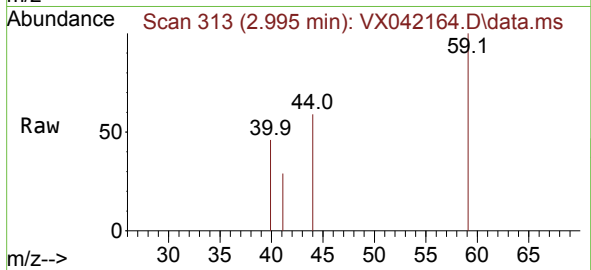
Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :

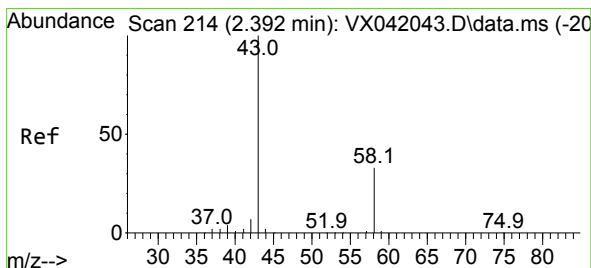
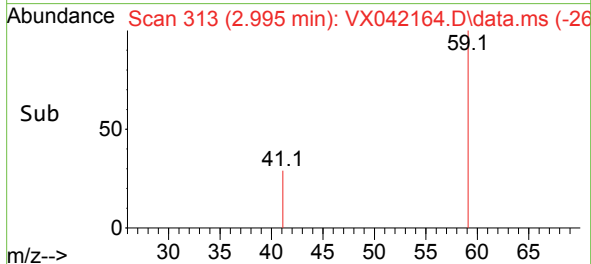
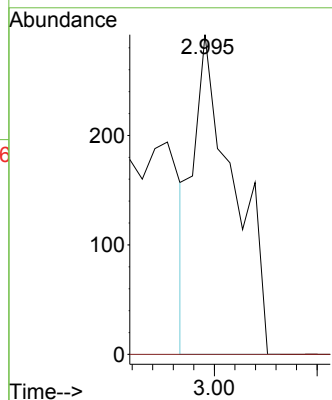


Tgt Ion: 59 Resp: 398

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.436 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042164.D

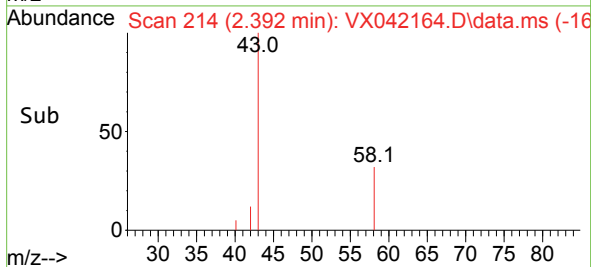
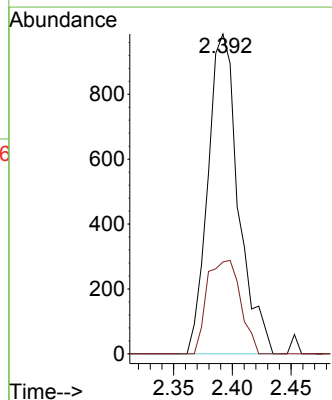
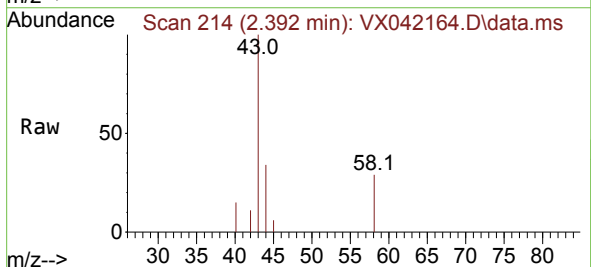
Acq: 03 Jul 2024 15:12

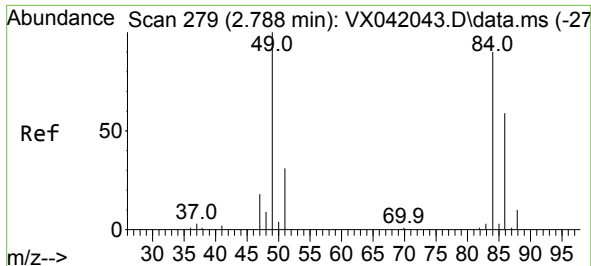
Tgt Ion: 43 Resp: 1782

Ion Ratio Lower Upper

43 100

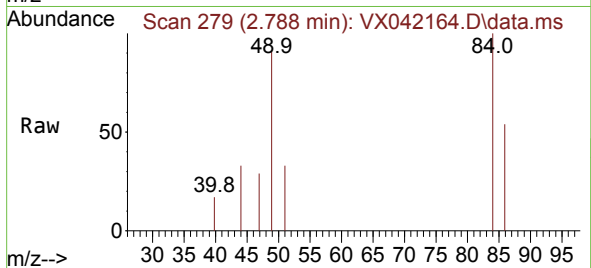
58 28.7 21.9 32.9



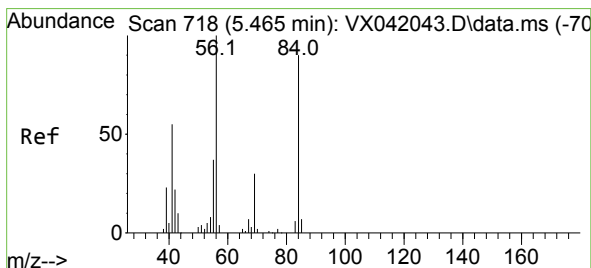
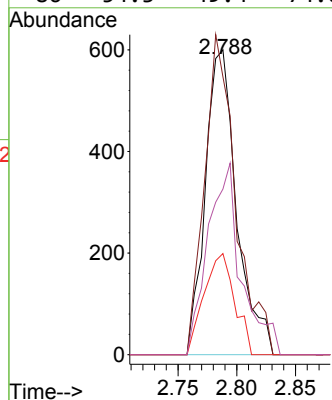


#20
Methylene Chloride
Concen: 0.695 ug/l
RT: 2.788 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

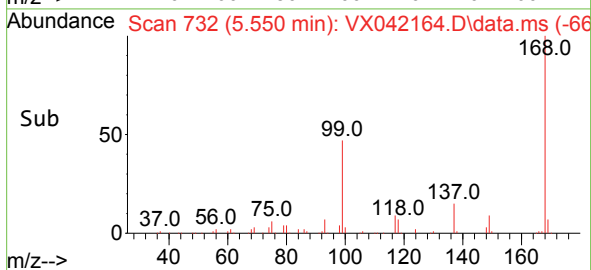
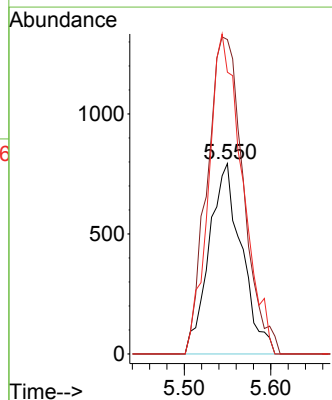
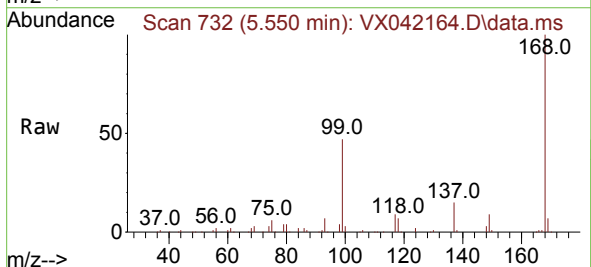


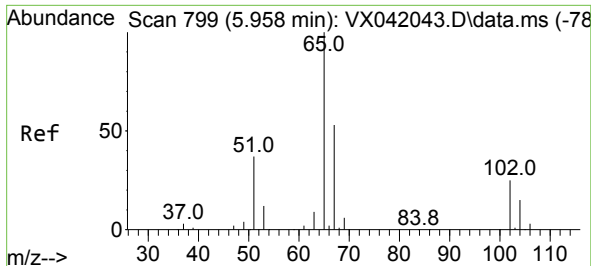
Tgt Ion: 84	Resp: 1113
Ion Ratio	Lower Upper
84 100	
49 91.2	103.6 155.4#
51 33.2	33.8 50.6#
86 54.3	49.4 74.0



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Tgt Ion: 56	Resp: 2075
Ion Ratio	Lower Upper
56 100	
69 165.2	23.4 35.2#
84 148.0	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.424 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

Instrument :

MSVOA_X

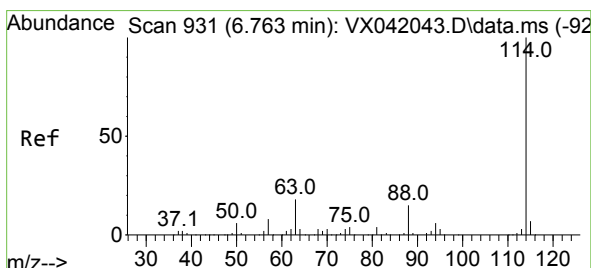
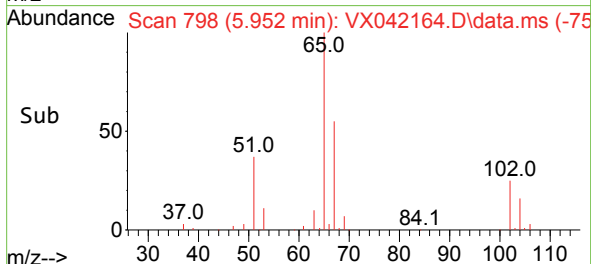
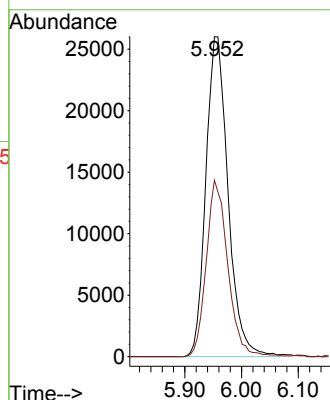
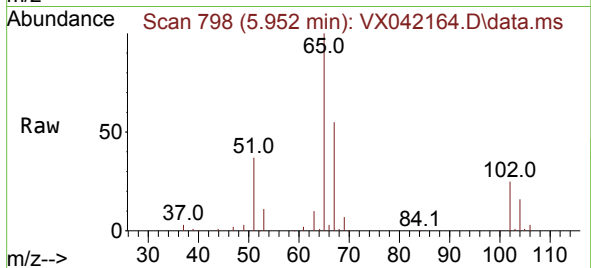
ClientSampleId :

Tgt Ion: 65 Resp: 70673

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

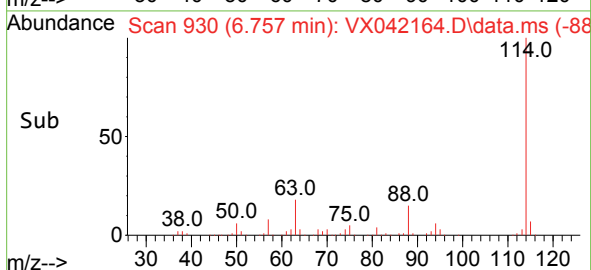
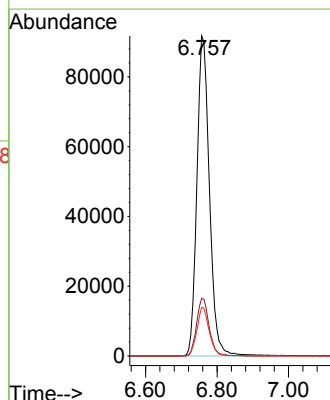
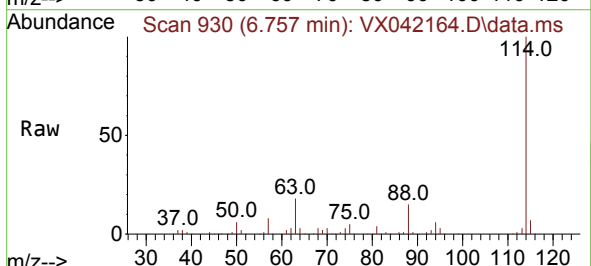
Tgt Ion: 114 Resp: 223323

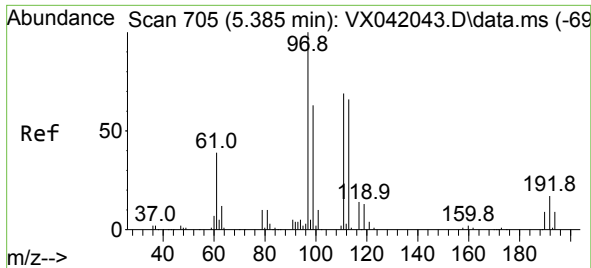
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

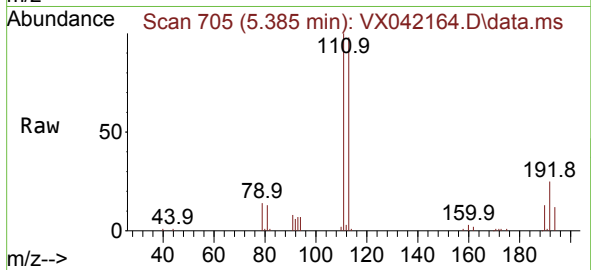
88 15.1 0.0 36.6



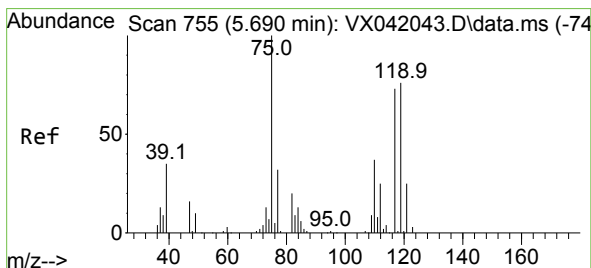
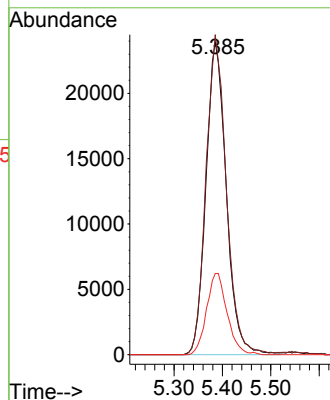
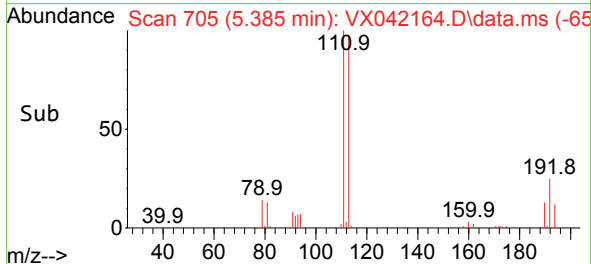


#35
Dibromofluoromethane
Concen: 44.149 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

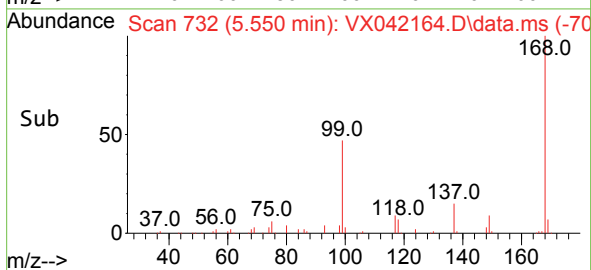
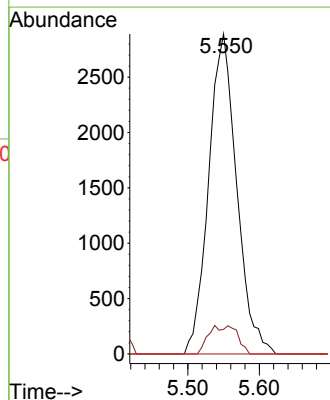
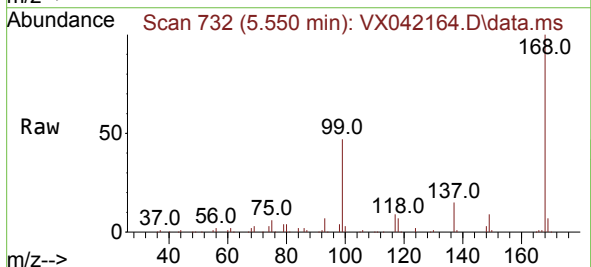


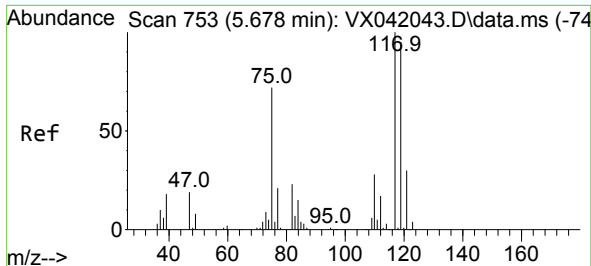
Tgt Ion:113 Resp: 69958
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 26.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

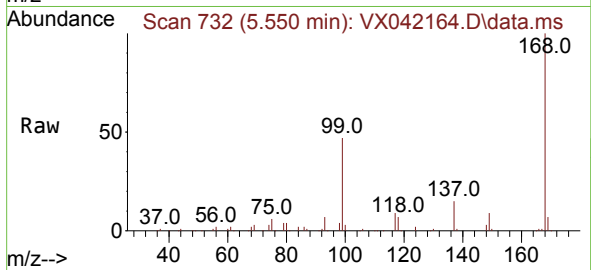
Tgt Ion: 75 Resp: 7877
Ion Ratio Lower Upper
75 100
110 4.0 17.0 50.9#
77 0.0 24.7 37.1#



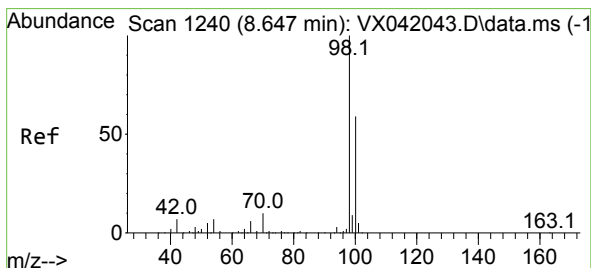
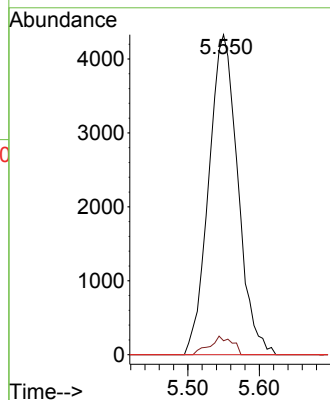
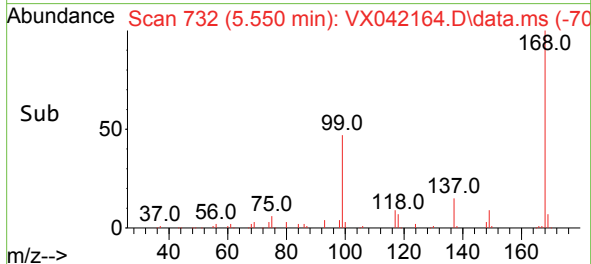


#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Instrument :
MSVOA_X
ClientSampleId :

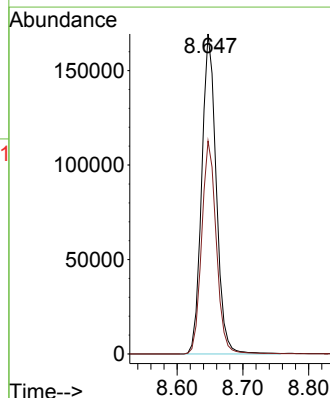
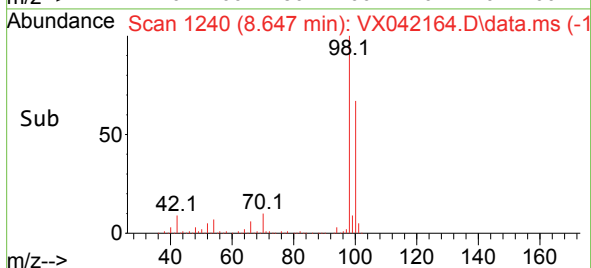
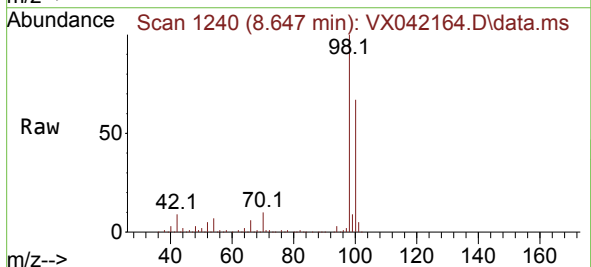


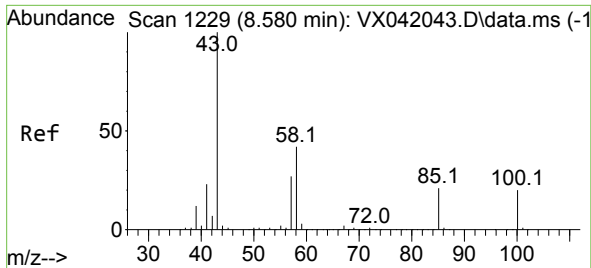
Tgt Ion:117 Resp: 12220
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.768 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

Tgt Ion: 98 Resp: 260349
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

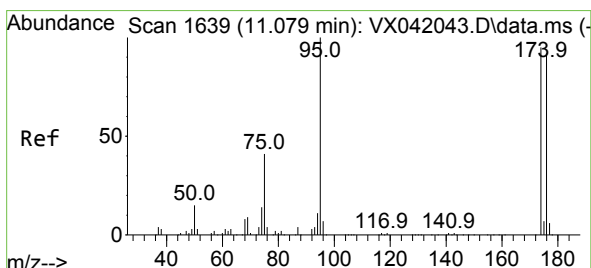
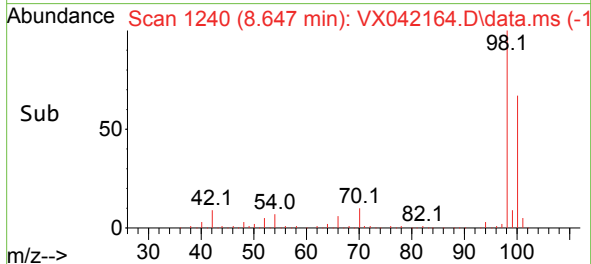
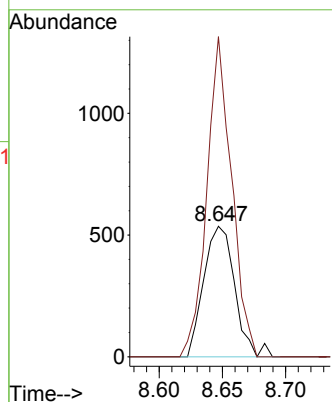
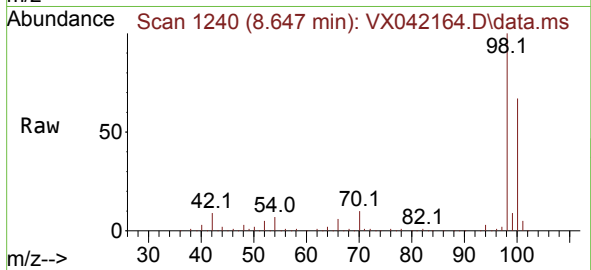




#51
4-Methyl-2-Pentanone
Concen: 0.394 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

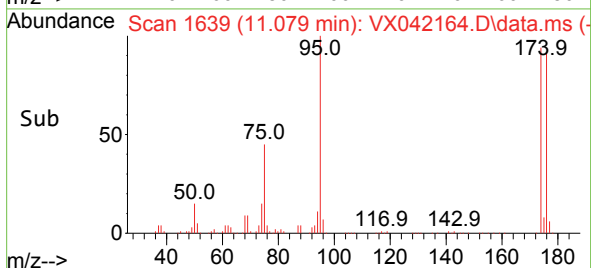
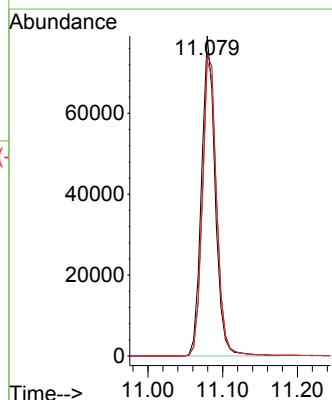
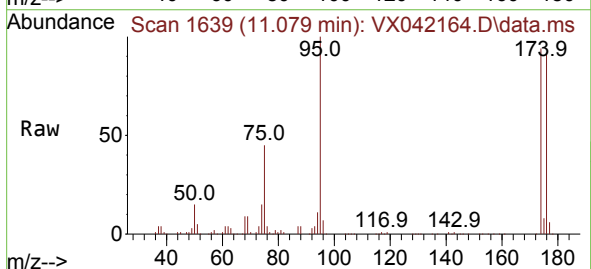
Instrument :
MSVOA_X
ClientSampleId :

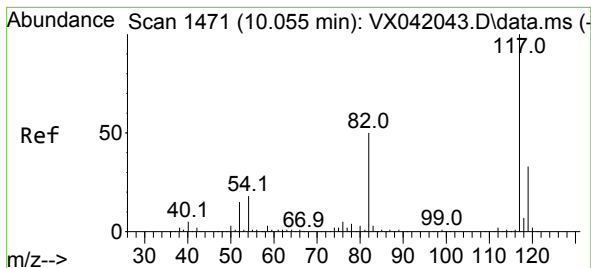
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 196.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

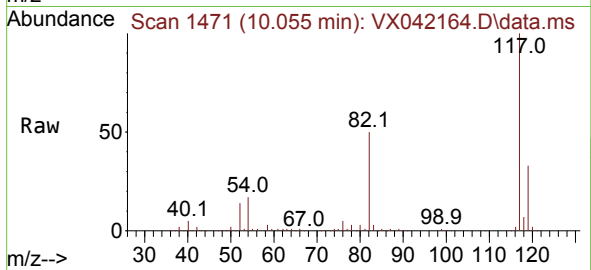
Tgt Ion: 95 Resp: 100555
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 96.0 0.0 131.0



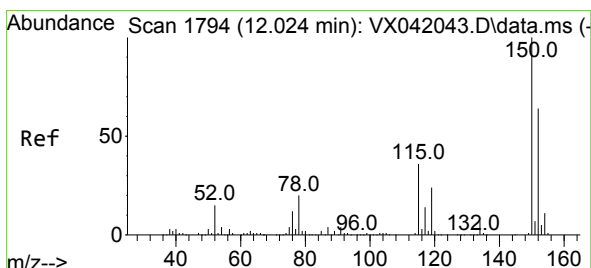
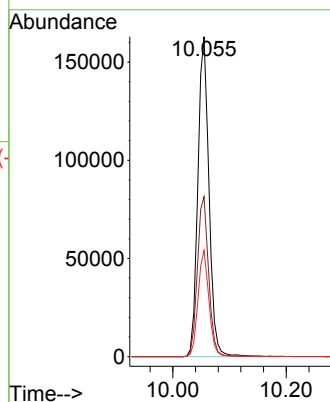
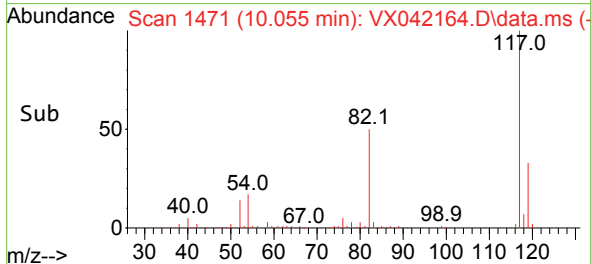


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12

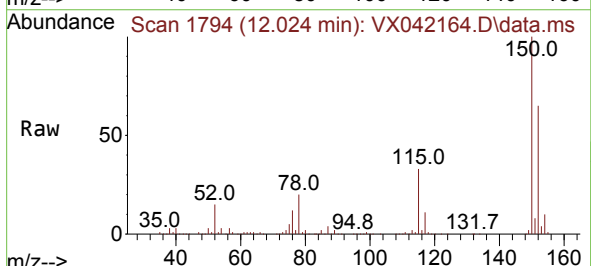
Instrument :
MSVOA_X
ClientSampleId :



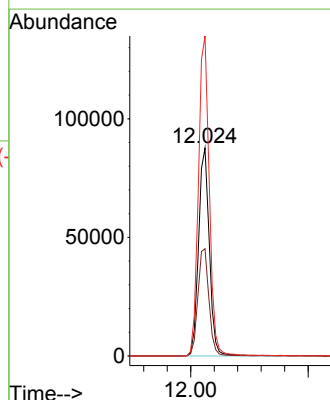
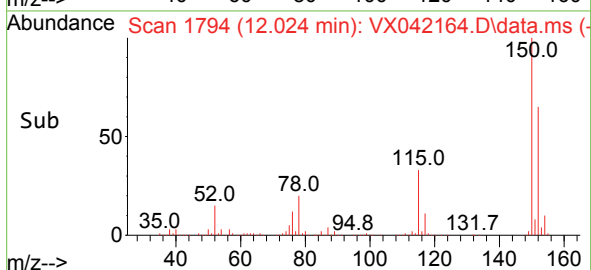
Tgt Ion:117 Resp: 221813
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 33.2 25.5 38.3

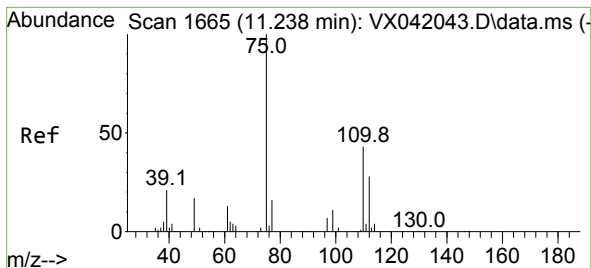


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042164.D
Acq: 03 Jul 2024 15:12



Tgt Ion:152 Resp: 112168
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 154.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.898 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

Instrument :

MSVOA_X

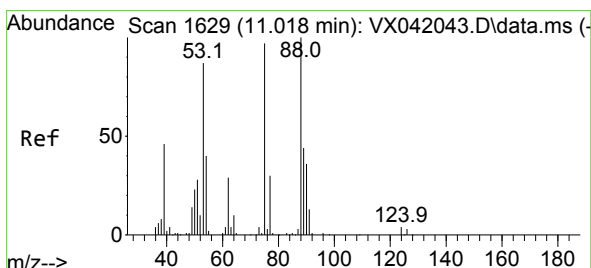
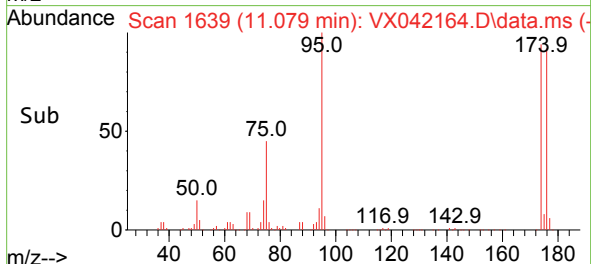
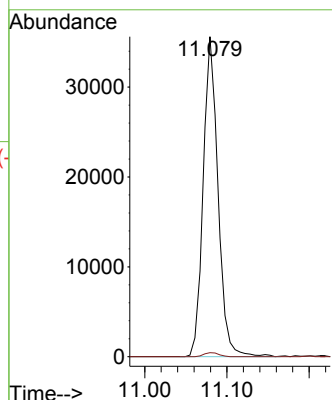
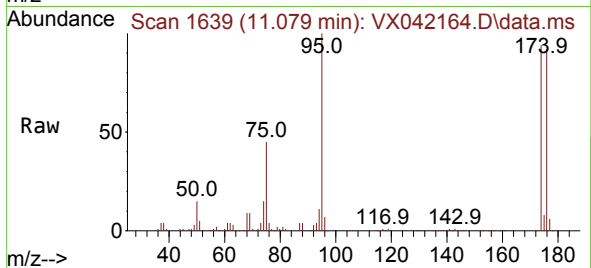
ClientSampleId :

Tgt Ion: 75 Resp: 44591

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

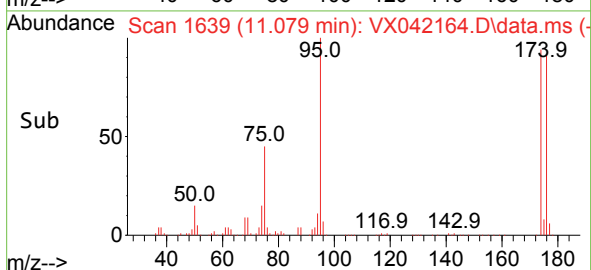
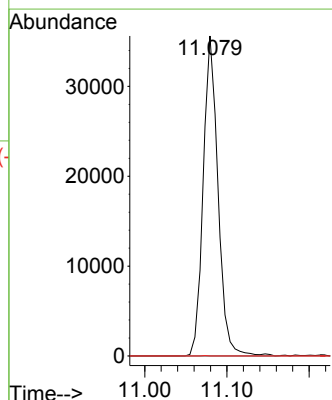
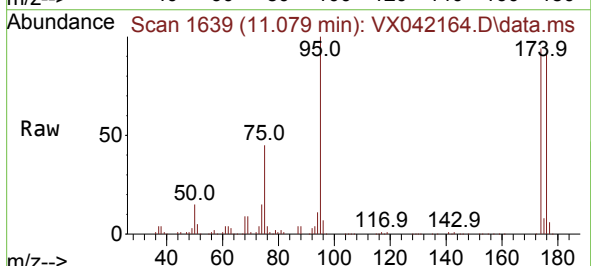
Tgt Ion: 75 Resp: 44591

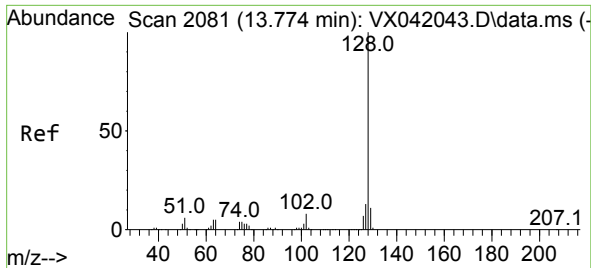
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.894 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

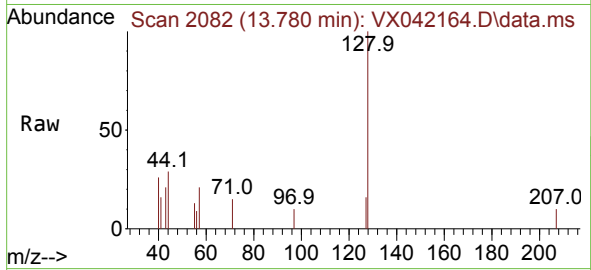
Lab File: VX042164.D

Acq: 03 Jul 2024 15:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1195

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 2.0 8.8 13.2#

