

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041380.D
 Acq On : 06 May 2024 15:39
 Operator : JC/MD
 Sample : P2264-22RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 02:01:02 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)

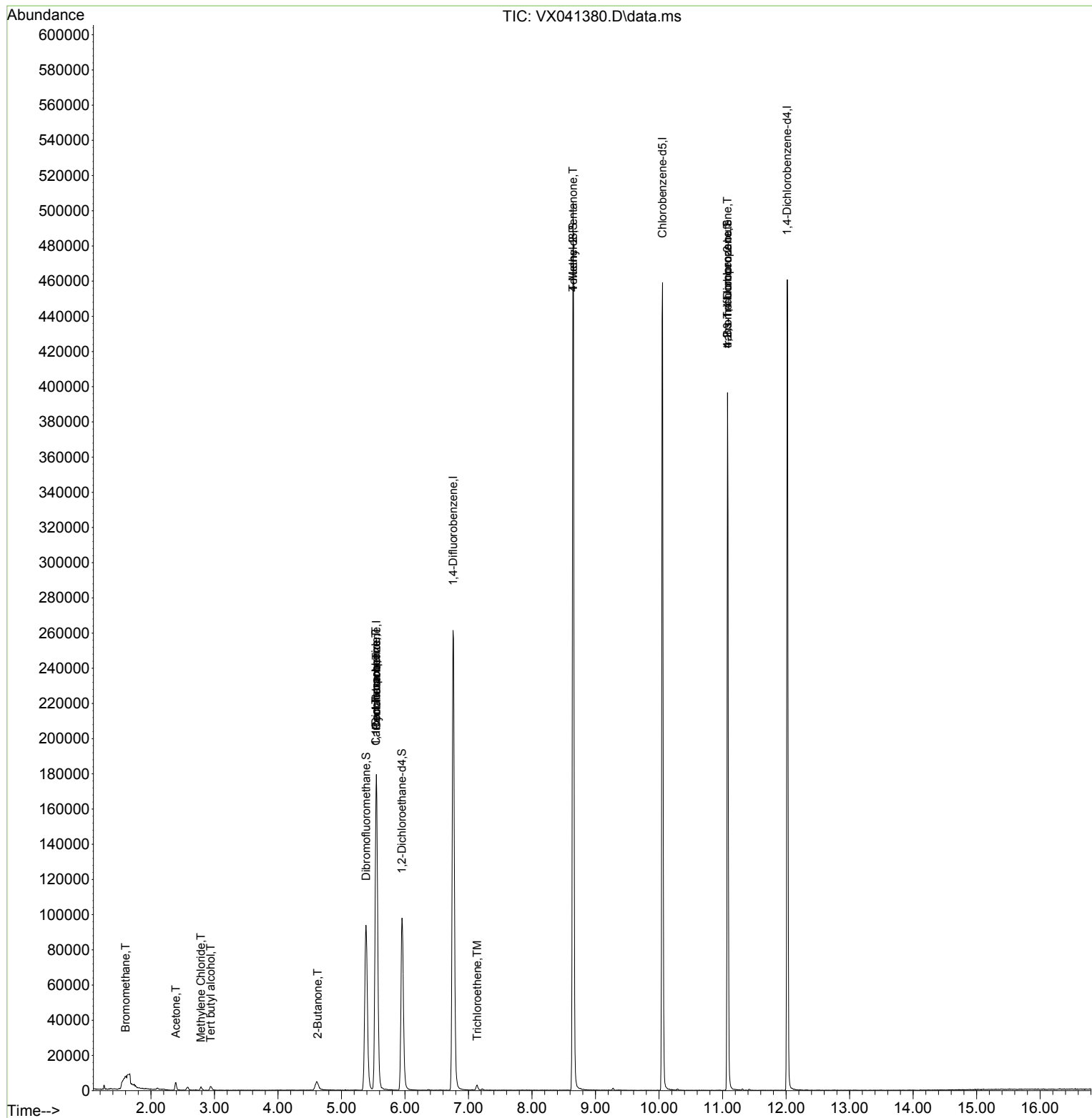
Internal Standards						
1) Pentafluorobenzene	5.550	168	192452	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	280790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100005	47.733	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.460%
35) Dibromofluoromethane	5.385	113	81314	42.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.460%
50) Toluene-d8	8.647	98	308103	51.158	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.079	95	94087	40.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.720%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	418	0.427	ug/l	# 70
11) Tert butyl alcohol	2.940	59	1560	3.720	ug/l	# 78
16) Acetone	2.392	43	5149	1.696	ug/l	92
20) Methylene Chloride	2.788	84	995	0.547	ug/l	# 81
25) 2-Butanone	4.623	43	372	0.274	ug/l	# 51
31) Cyclohexane	5.550	56	3100	1.226	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11974	5.263	ug/l	# 52
38) Carbon Tetrachloride	5.544	117	16657	6.390	ug/l	# 15
44) Trichloroethene	7.135	130	1335	0.721	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1275	0.498	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	48026	27.751	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	48026	75.590	ug/l	# 5

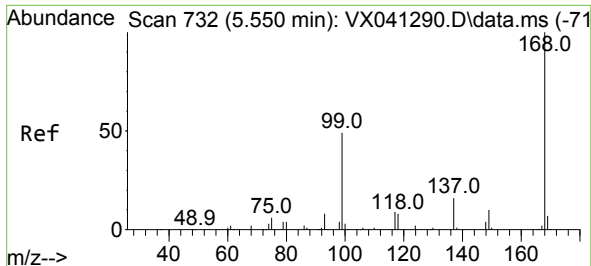
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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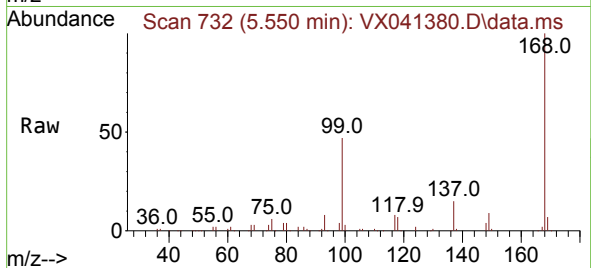
Quant Time: May 07 02:01:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



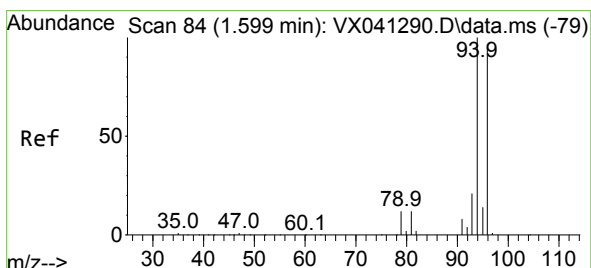
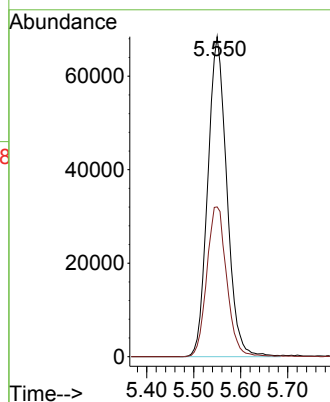
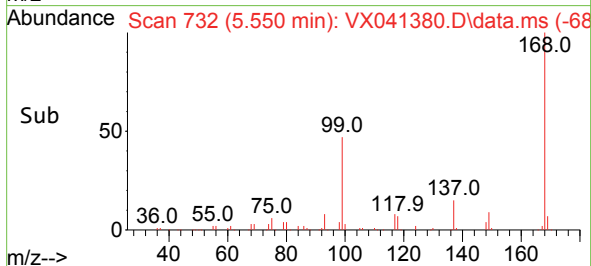


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :

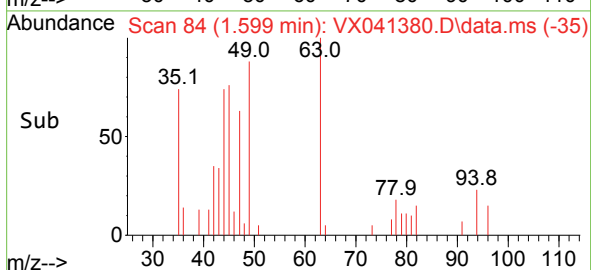
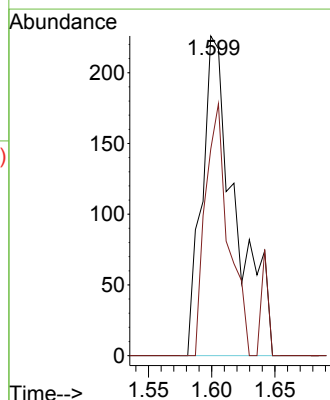
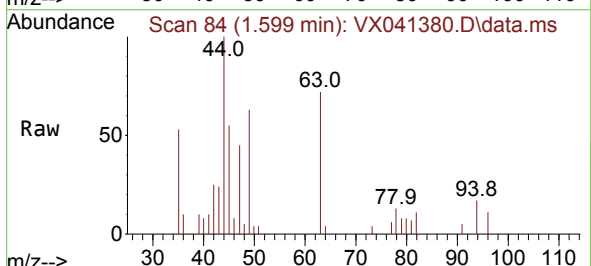


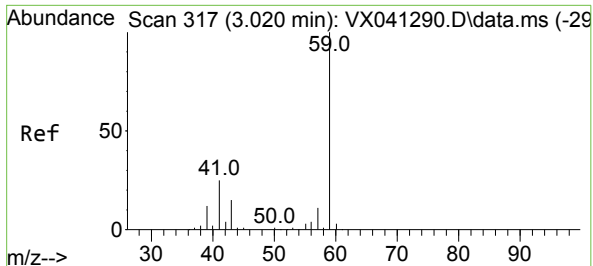
Tgt Ion:168 Resp: 192452
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#5
Bromomethane
Concen: 0.427 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 64.6 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.720 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.079 min

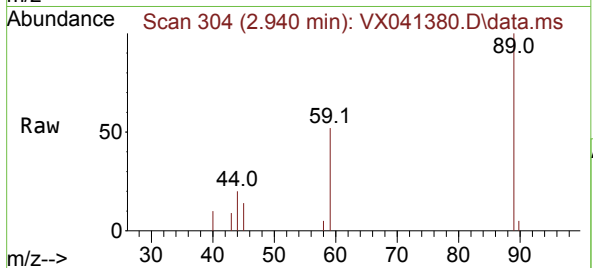
Lab File: VX041380.D

Acq: 06 May 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :

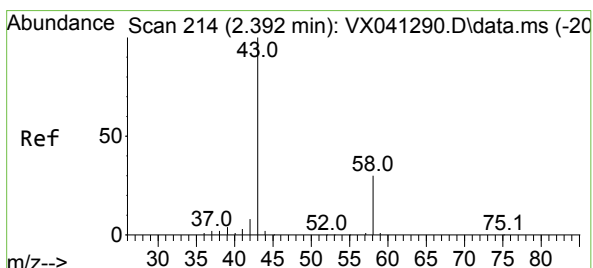
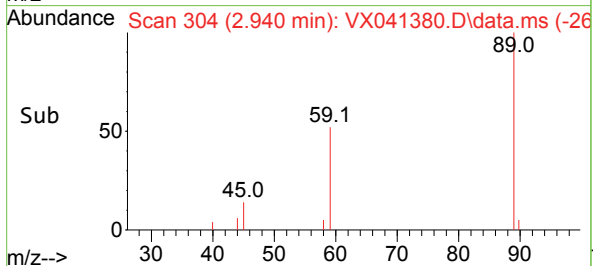
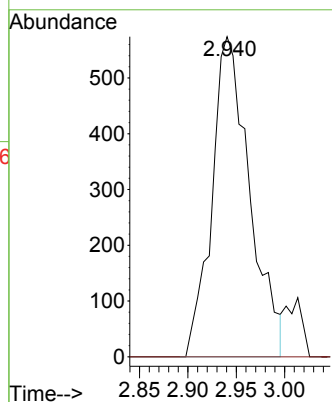


Tgt Ion: 59 Resp: 1560

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.696 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041380.D

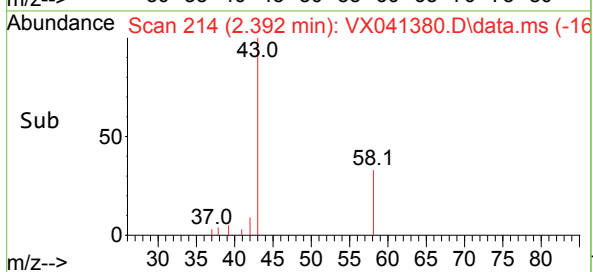
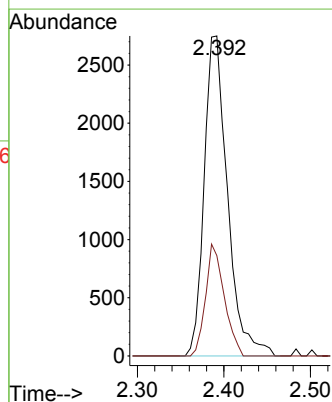
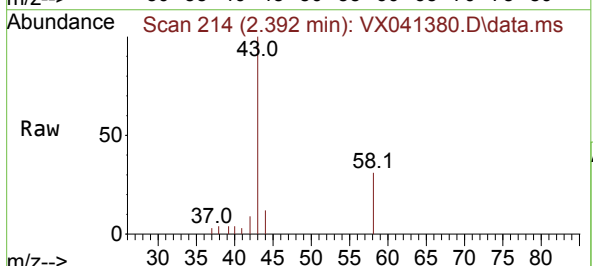
Acq: 06 May 2024 15:39

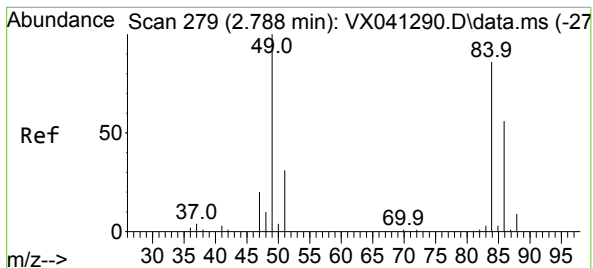
Tgt Ion: 43 Resp: 5149

Ion Ratio Lower Upper

43 100

58 31.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.547 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

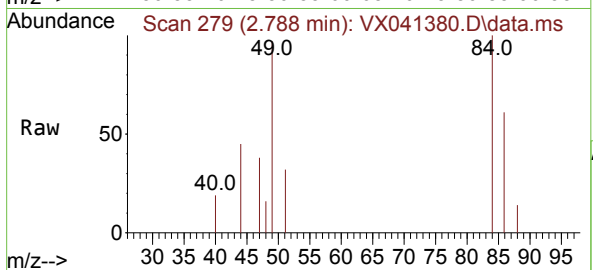
Lab File: VX041380.D

Acq: 06 May 2024 15:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 995

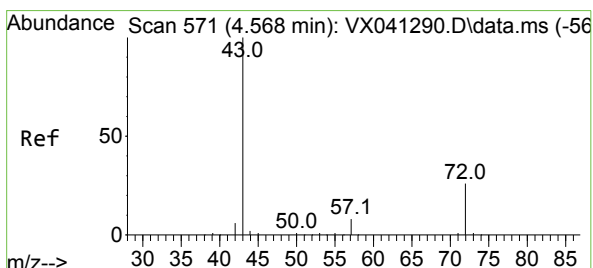
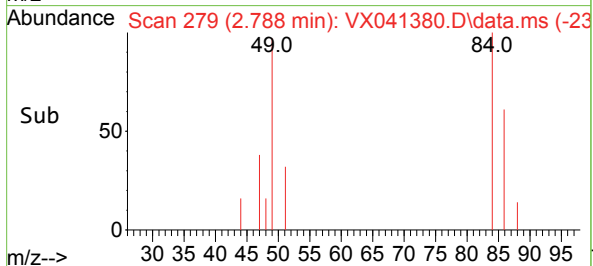
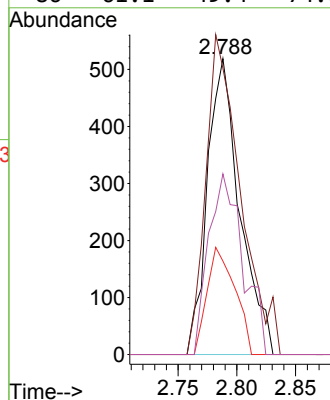
Ion Ratio Lower Upper

84 100

49 96.7 103.6 155.4#

51 31.6 33.8 50.6#

86 61.1 49.4 74.0



#25

2-Butanone

Concen: 0.274 ug/l

RT: 4.623 min Scan# 580

Delta R.T. 0.055 min

Lab File: VX041380.D

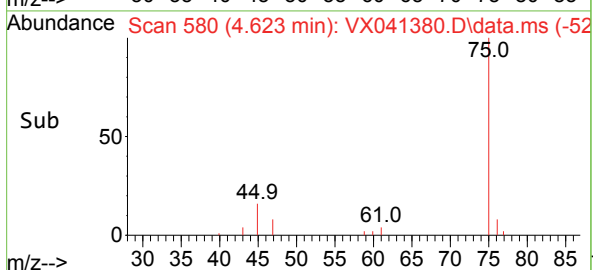
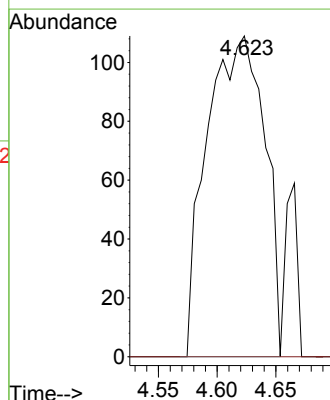
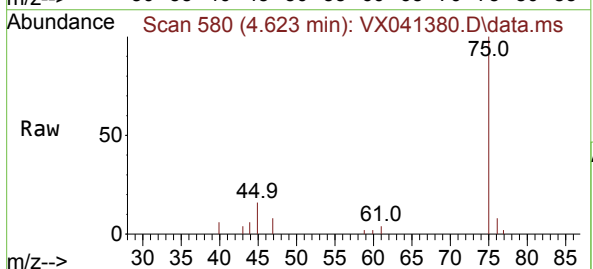
Acq: 06 May 2024 15:39

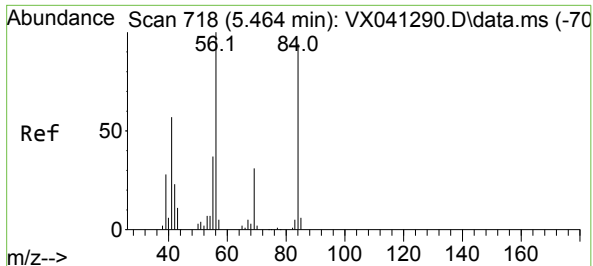
Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

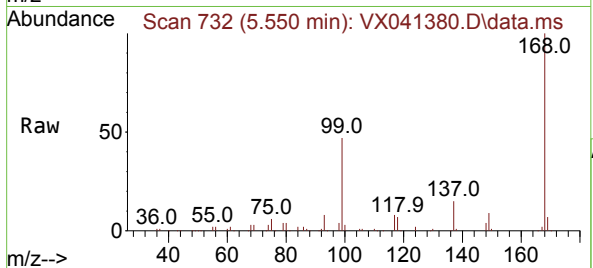
72 0.0 19.4 29.2#



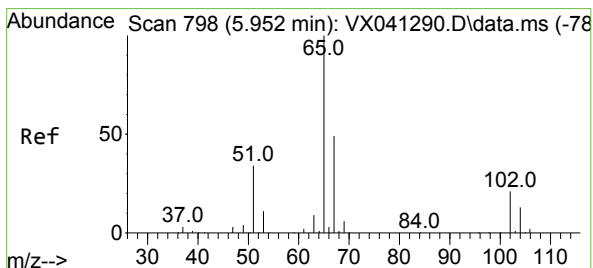
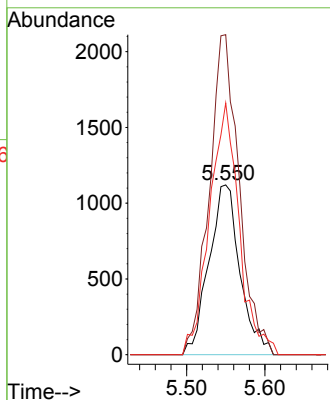
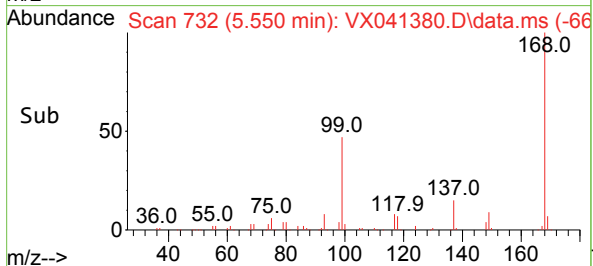


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :

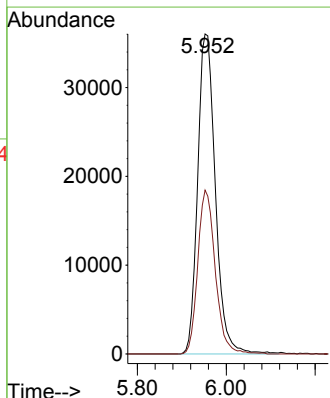
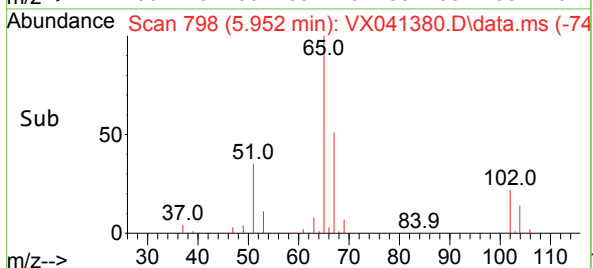
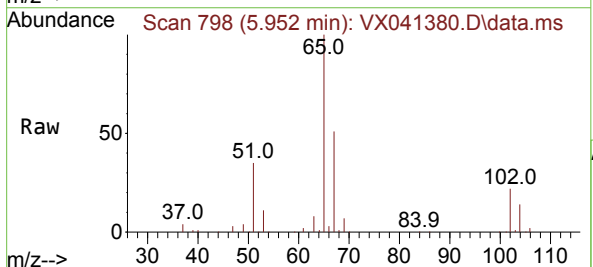


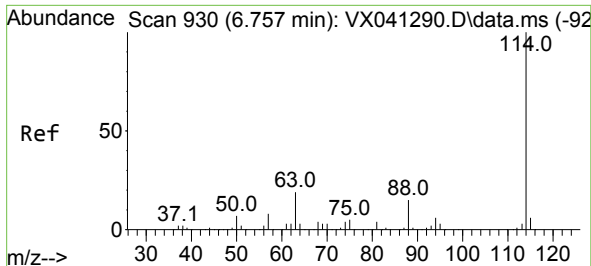
Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 188.4 23.4 35.2#
84 148.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.733 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Tgt Ion: 65 Resp: 100005
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

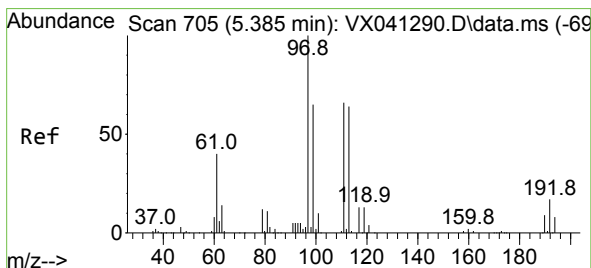
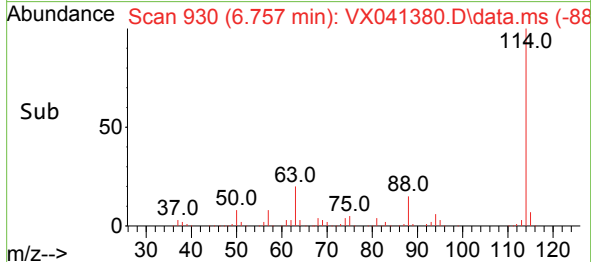
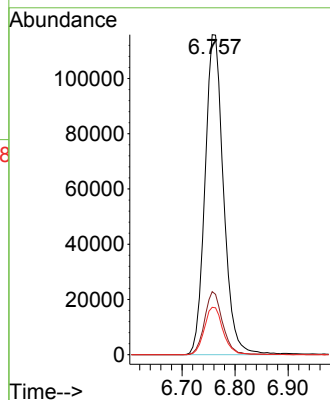
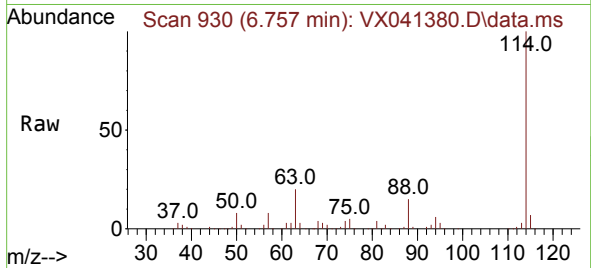




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

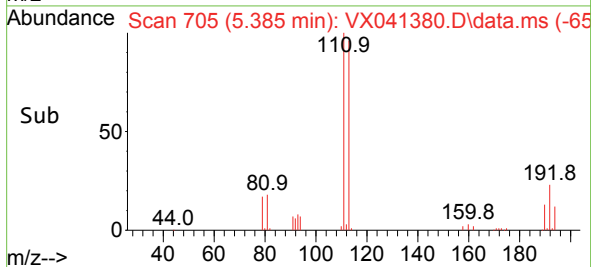
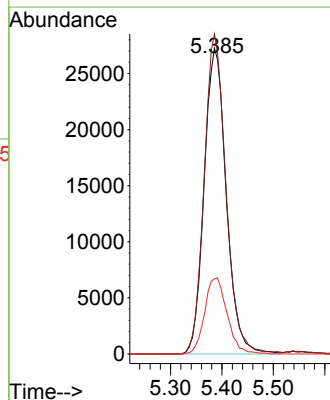
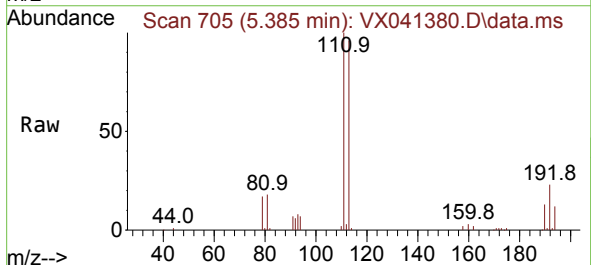
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MSVOA_X
ClientSampleId :

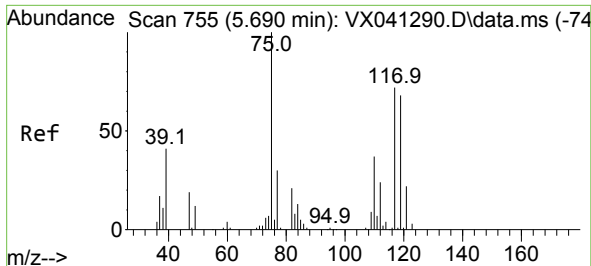
Tgt Ion:114 Resp: 280790
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.733 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

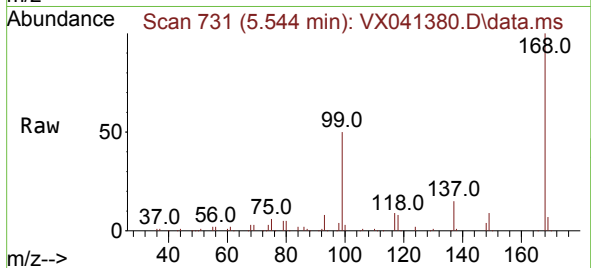
Tgt Ion:113 Resp: 81314
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 25.3 13.3 19.9#



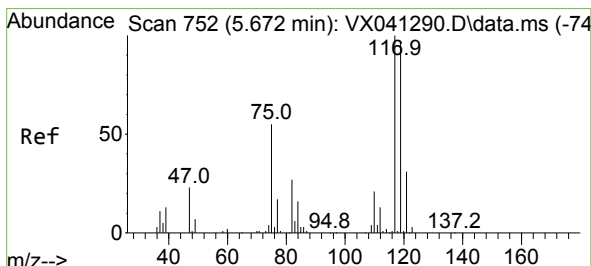
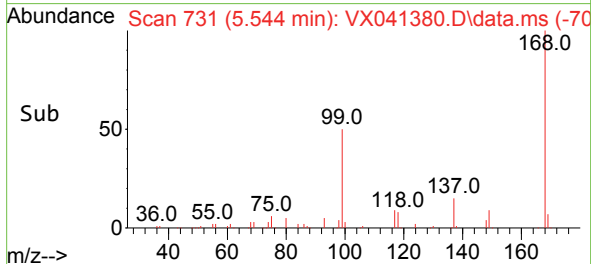
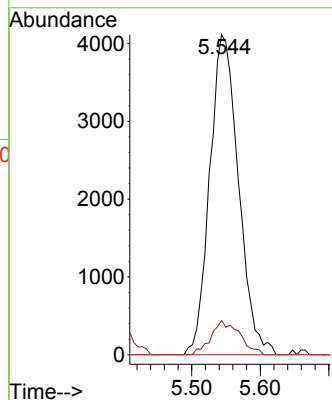


#36
1,1-Dichloropropene
Concen: 5.263 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Instrument :
MSVOA_X
ClientSampleId :

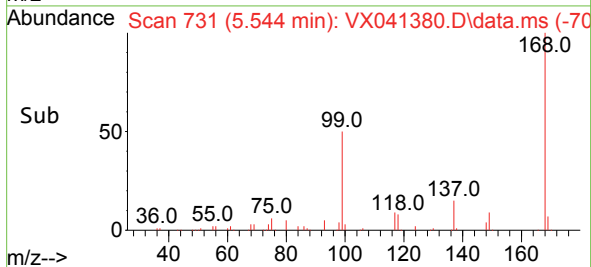
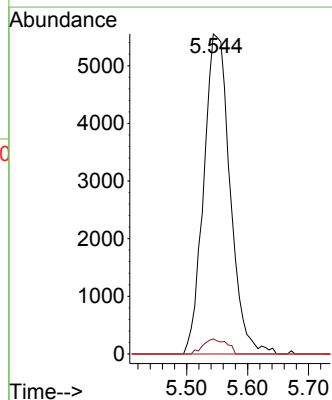
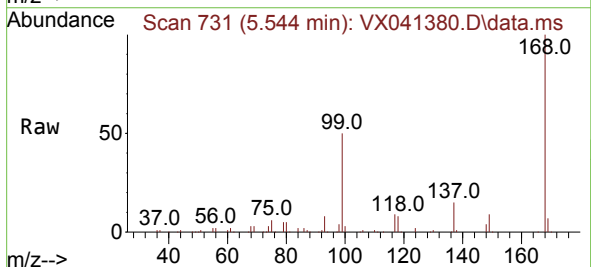


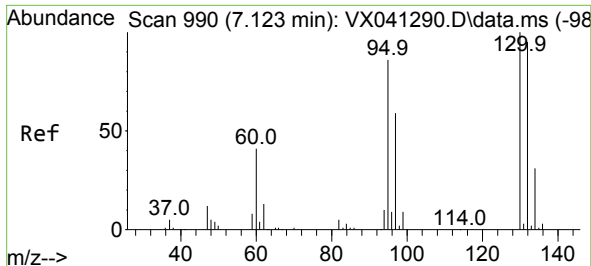
Tgt Ion: 75 Resp: 11974
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Tgt Ion: 117 Resp: 16657
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

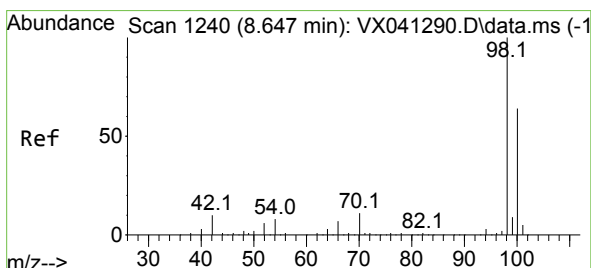
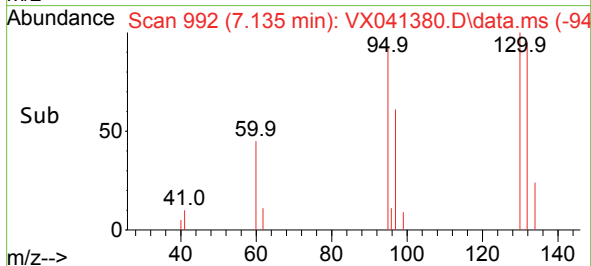
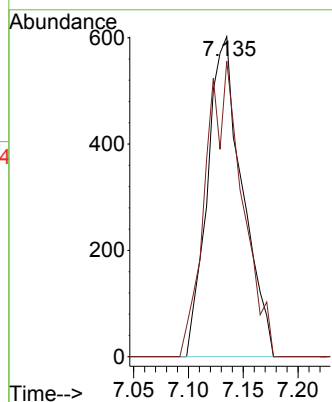
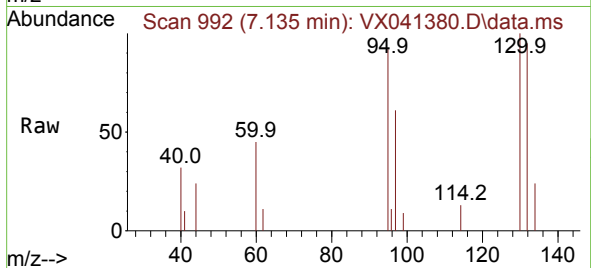




#44
Trichloroethene
Concen: 0.721 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

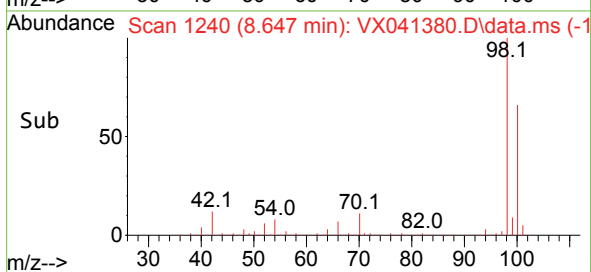
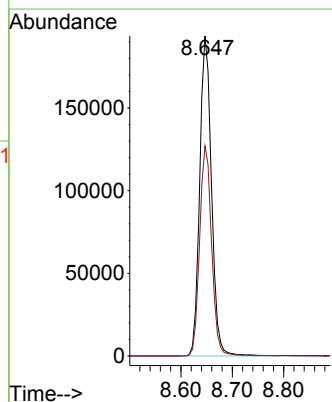
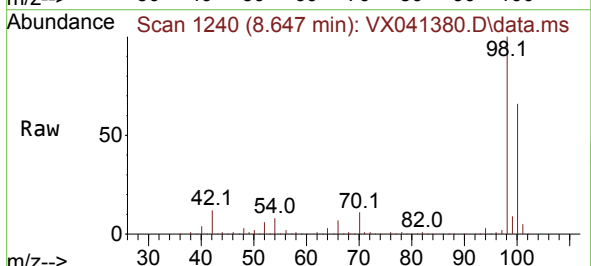
Instrument :
MSVOA_X
ClientSampleId :

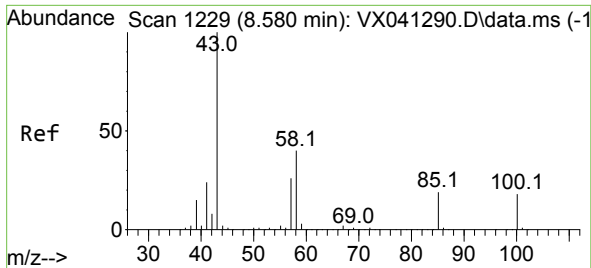
Tgt Ion:130 Resp: 1335
Ion Ratio Lower Upper
130 100
95 92.4 0.0 204.4



#50
Toluene-d8
Concen: 51.158 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

Tgt Ion: 98 Resp: 308103
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

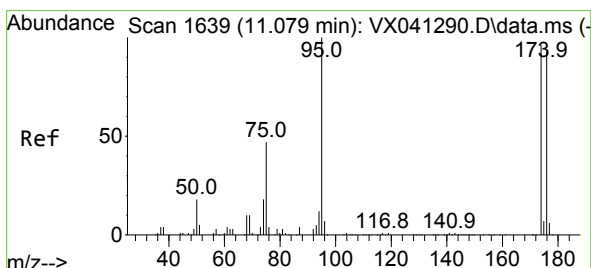
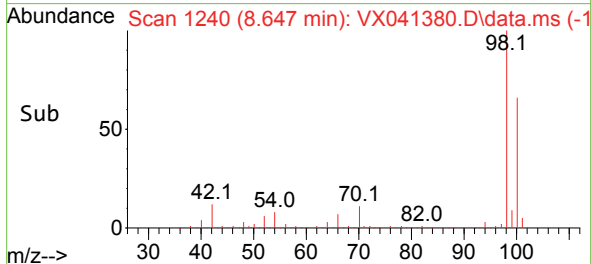
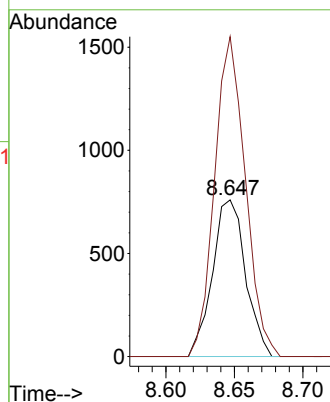
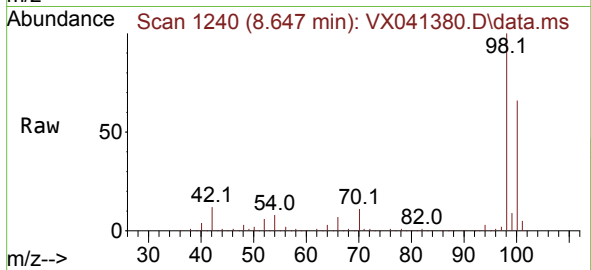




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

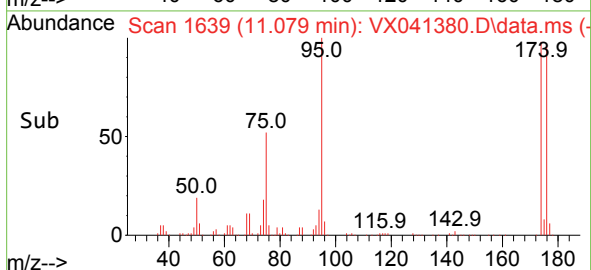
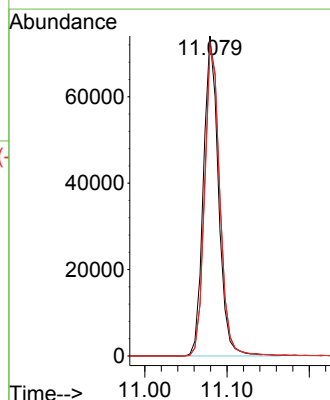
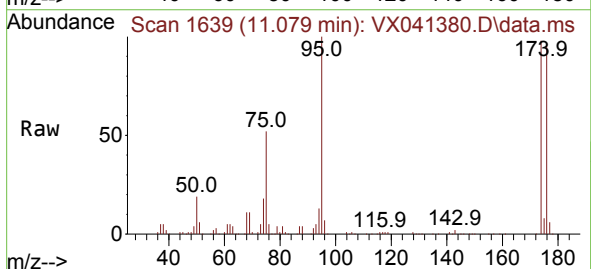
Instrument :
MSVOA_X
ClientSampleId :

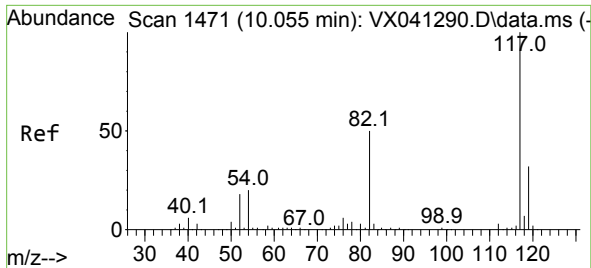
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 189.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 40.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

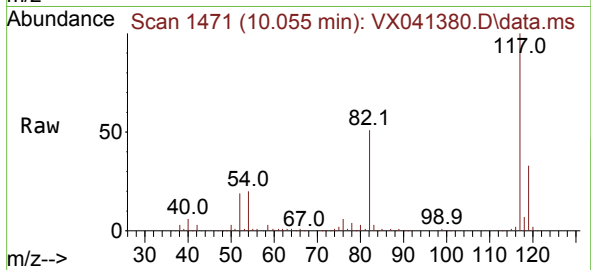
Tgt Ion: 95 Resp: 94087
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 97.4 0.0 131.0



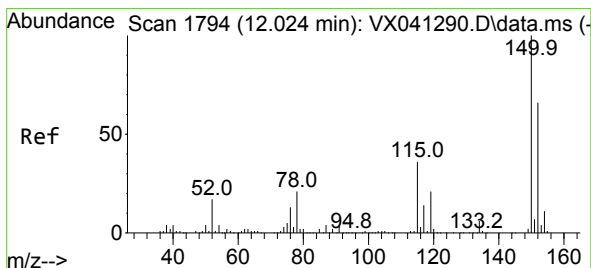
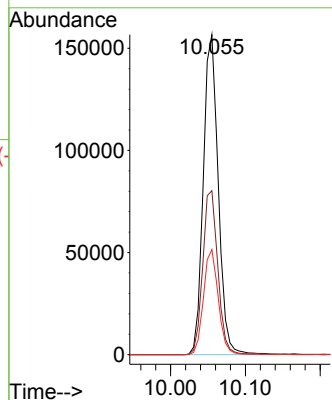
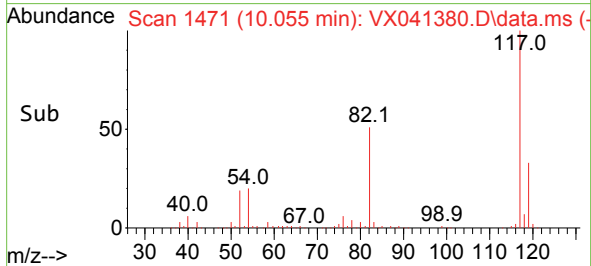


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39

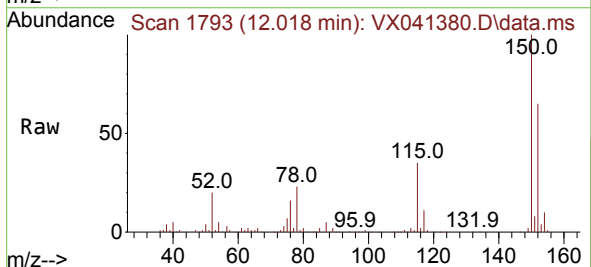
Instrument :
MSVOA_X
ClientSampleId :



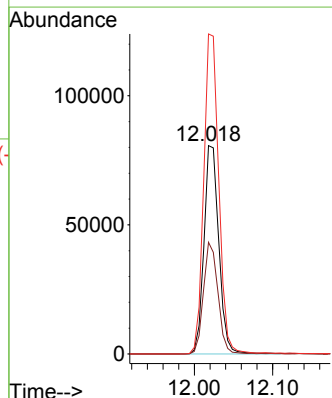
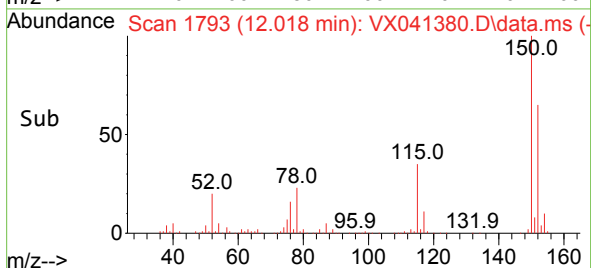
Tgt Ion:117 Resp: 218077
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 32.9 25.5 38.3

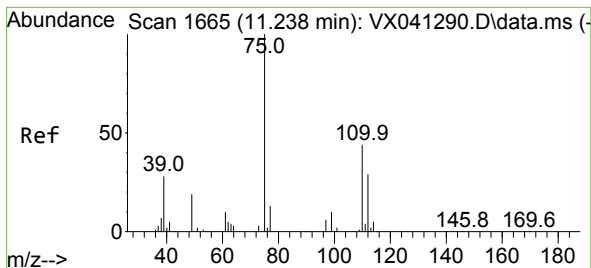


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX041380.D
Acq: 06 May 2024 15:39



Tgt Ion:152 Resp: 106193
Ion Ratio Lower Upper
152 100
115 52.1 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.751 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041380.D

Acq: 06 May 2024 15:39

Instrument :

MSVOA_X

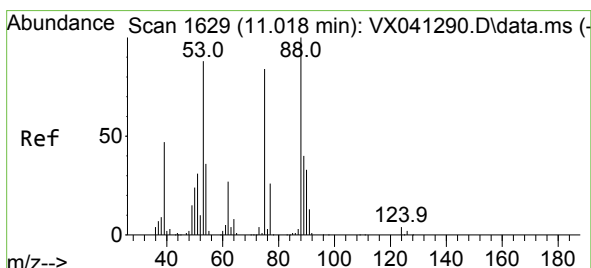
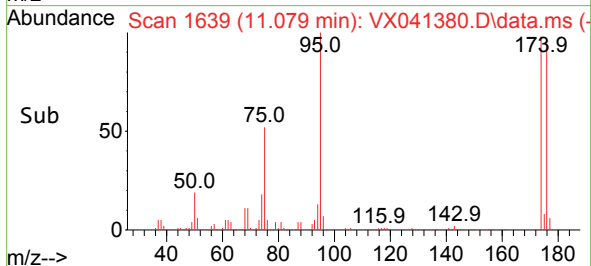
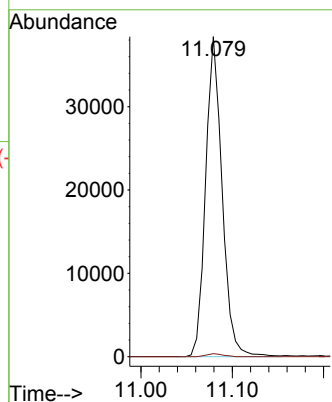
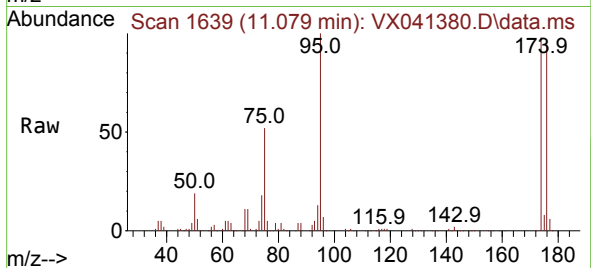
ClientSampleId :

Tgt Ion: 75 Resp: 48026

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041380.D

Acq: 06 May 2024 15:39

Tgt Ion: 75 Resp: 48026

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

