

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX043001.D
 Acq On : 09 Aug 2024 17:24
 Operator : JC/MD
 Sample : P3410-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 23:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

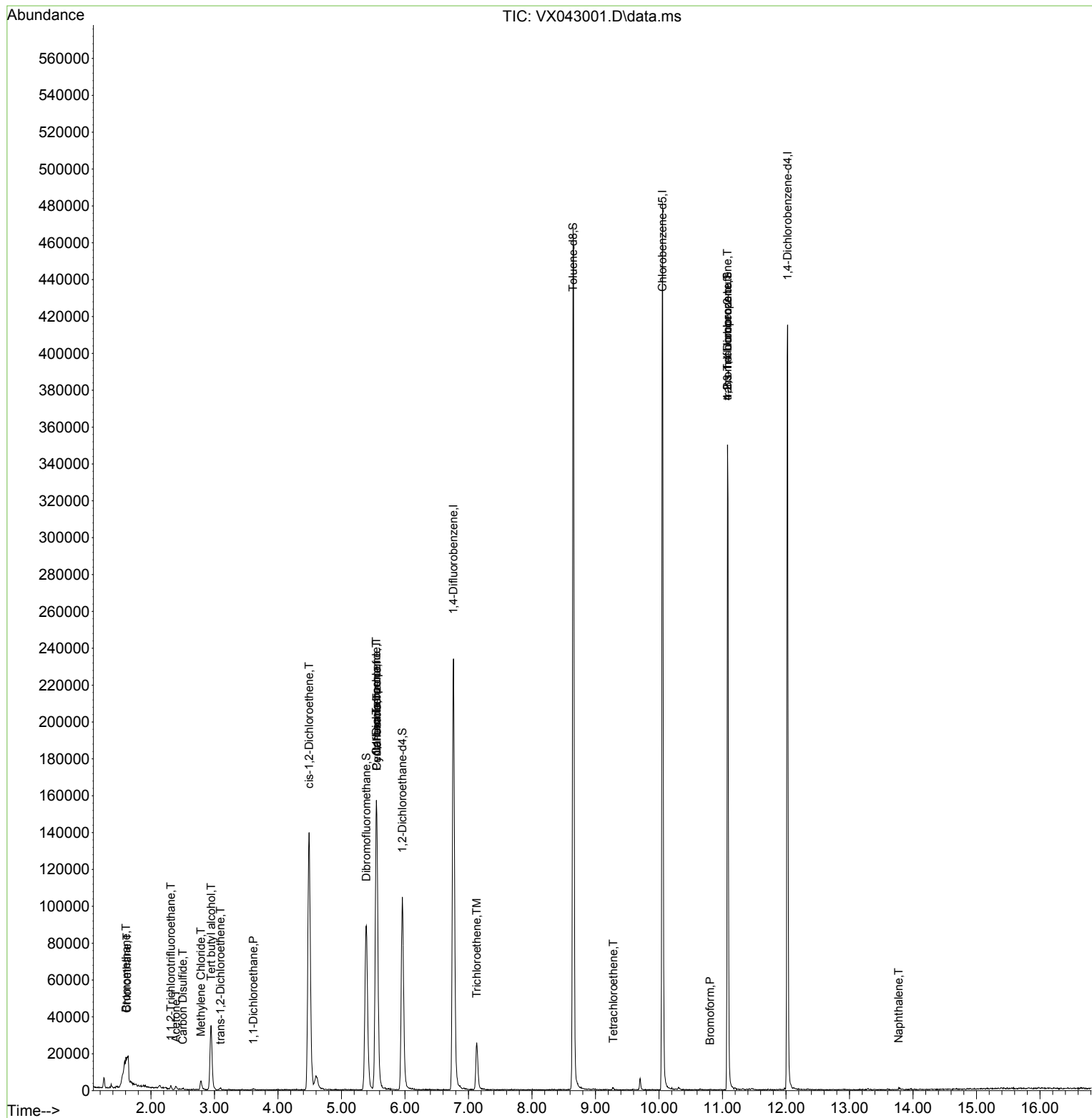
Internal Standards						
1) Pentafluorobenzene	5.556	168	147988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	239439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103219	50.807	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.620%		
35) Dibromofluoromethane	5.391	113	79298	50.651	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.300%		
50) Toluene-d8	8.647	98	292845	52.691	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.380%		
62) 4-Bromofluorobenzene	11.079	95	94289	47.211	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.420%		
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	881	0.883	ug/l	# 44
6) Chloroethane	1.624	64	354	0.377	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.313	101	398	0.247	ug/l	# 59
11) Tert butyl alcohol	2.947	59	20936	51.810	ug/l	# 82
16) Acetone	2.392	43	2085	2.366	ug/l	96
17) Carbon Disulfide	2.502	76	906	0.228	ug/l	# 76
20) Methylene Chloride	2.788	84	2812	0.632	ug/l	# 71
21) trans-1,2-Dichloroethene	3.093	96	349	0.213	ug/l	# 60
24) 1,1-Dichloroethane	3.611	63	892	0.286	ug/l	# 83
27) cis-1,2-Dichloroethene	4.489	96	90357	46.428	ug/l	85
31) Cyclohexane	5.556	56	3624	1.426	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	12450	5.865	ug/l	# 46
38) Carbon Tetrachloride	5.550	117	15604	6.512	ug/l	# 14
44) Trichloroethene	7.129	130	10774	6.509	ug/l	96
64) Tetrachloroethene	9.281	164	310	0.212	ug/l	# 63
71) Bromoform	10.805	173	64	0.860	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	47854	24.227	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	47854	78.773	ug/l	# 5
95) Naphthalene	13.774	128	1243	0.201	ug/l	# 75

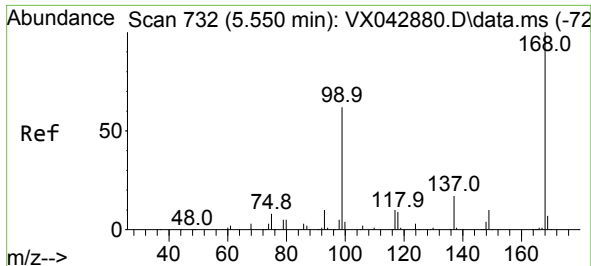
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

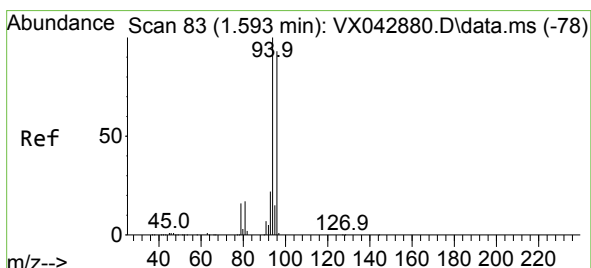
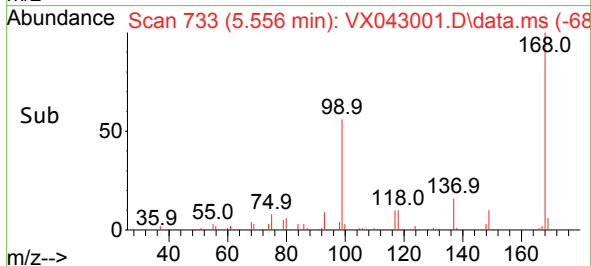
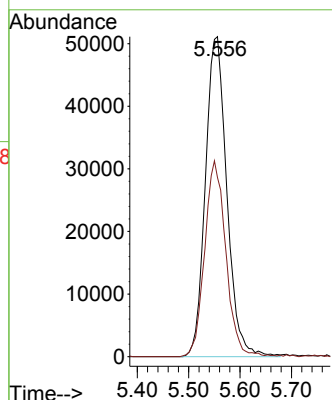
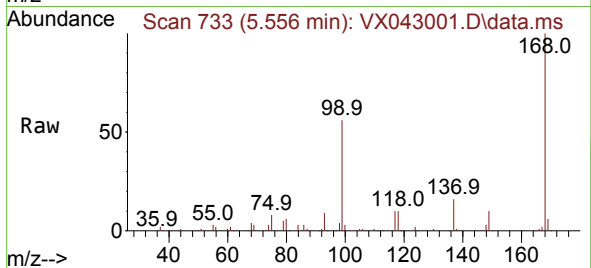




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

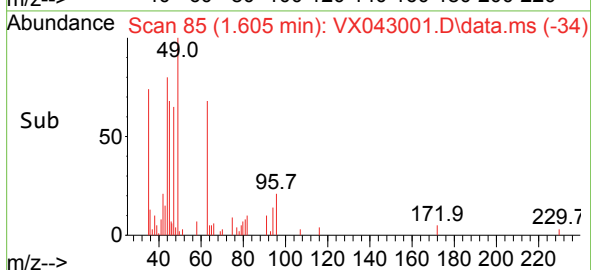
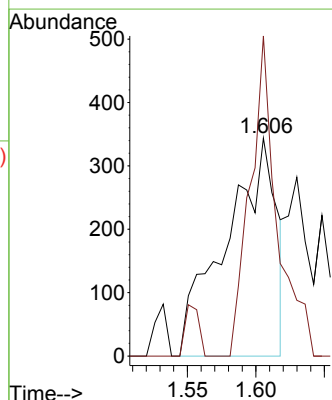
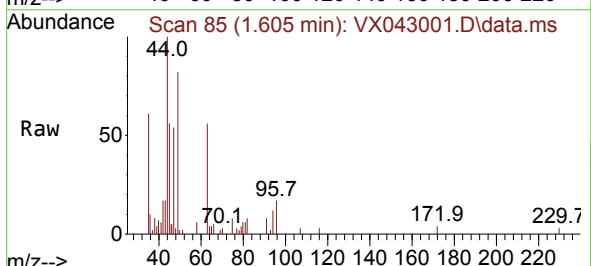
Instrument :
MSVOA_X
ClientSampleId :

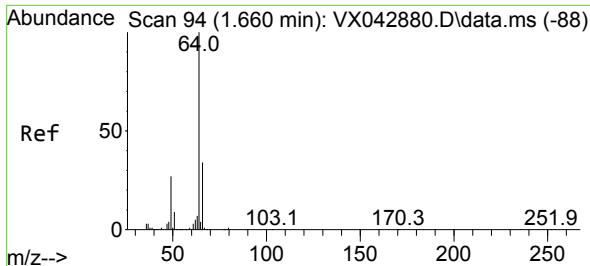
Tgt Ion:168 Resp: 147988
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#5
Bromomethane
Concen: 0.883 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

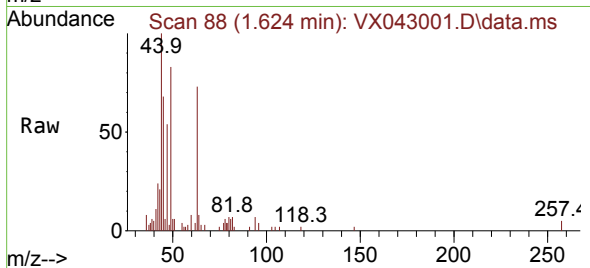
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 146.8 74.6 111.8#



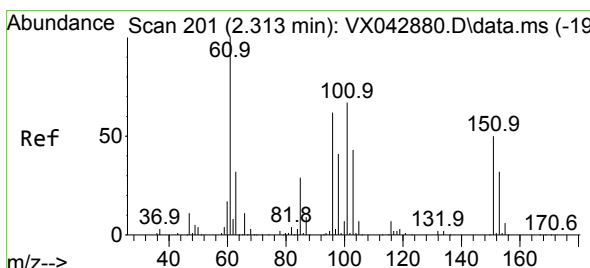
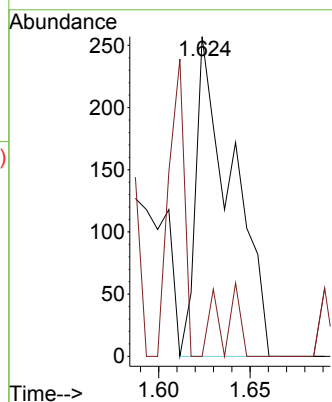
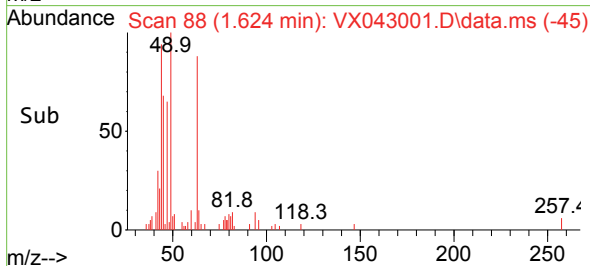


#6
Chloroethane
Concen: 0.377 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.037 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :

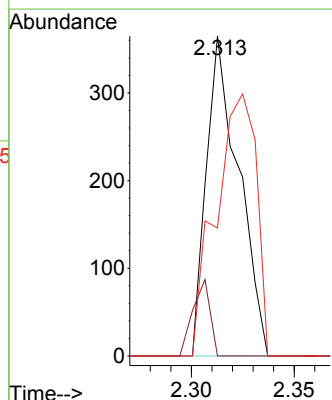
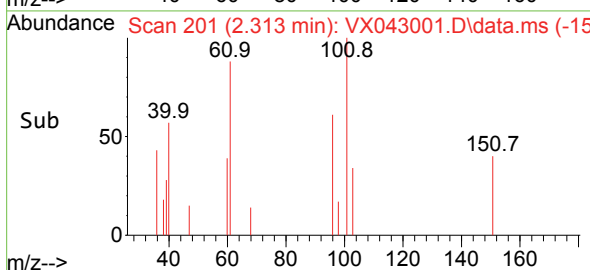
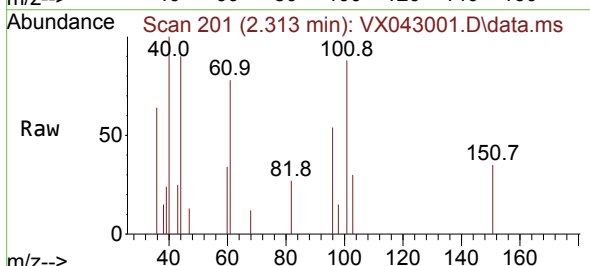


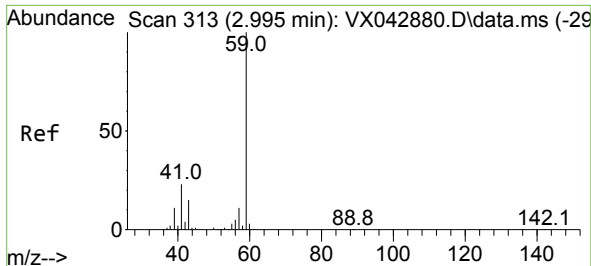
Tgt Ion: 64 Resp: 354
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.247 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Tgt Ion: 101 Resp: 398
Ion Ratio Lower Upper
101 100
85 12.8 37.0 55.6#
151 102.8 58.6 87.8#





#11

Tert butyl alcohol

Concen: 51.810 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

Instrument :

MSVOA_X

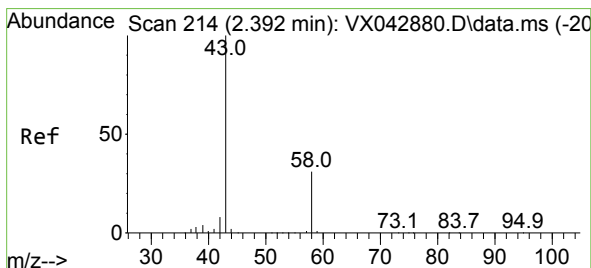
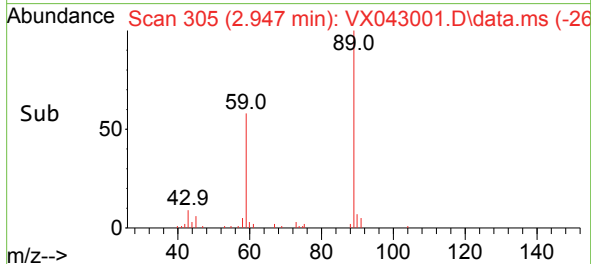
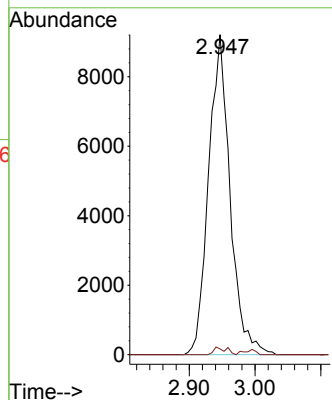
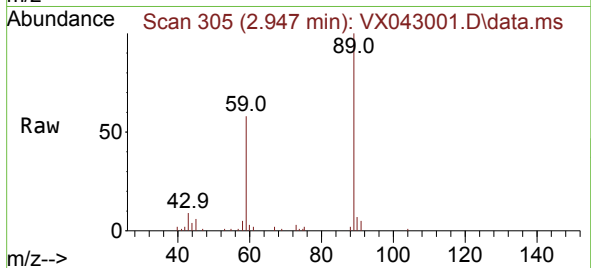
ClientSampleId :

Tgt Ion: 59 Resp: 20936

Ion Ratio Lower Upper

59 100

57 1.4 6.0 9.0#



#16

Acetone

Concen: 2.366 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX043001.D

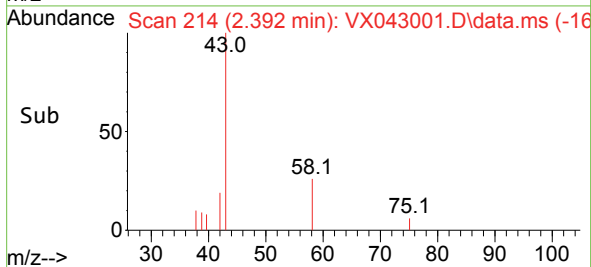
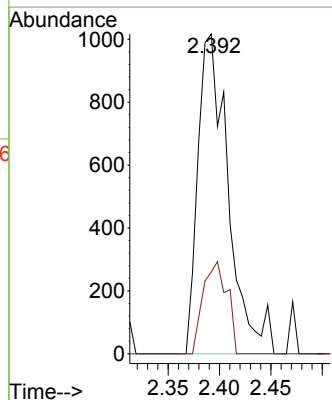
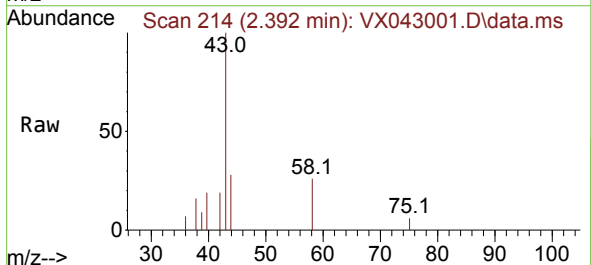
Acq: 09 Aug 2024 17:24

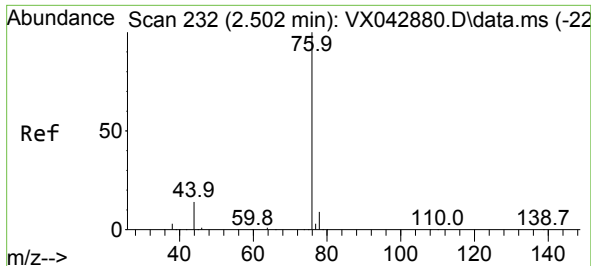
Tgt Ion: 43 Resp: 2085

Ion Ratio Lower Upper

43 100

58 25.6 21.9 32.9

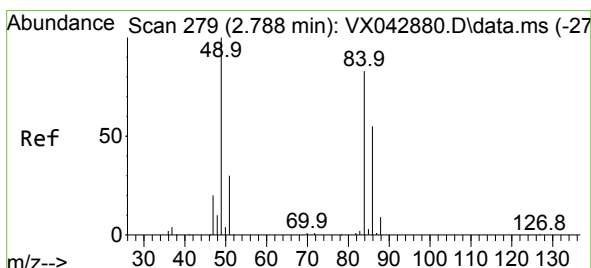
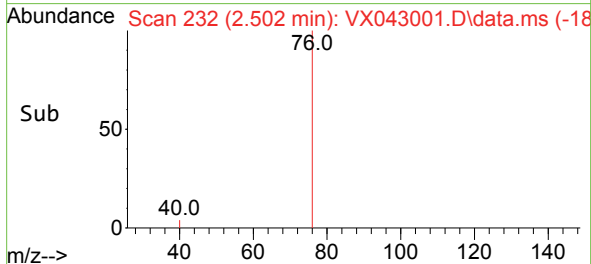
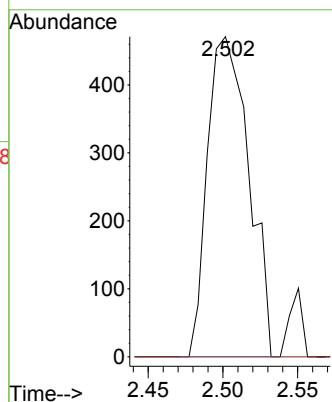
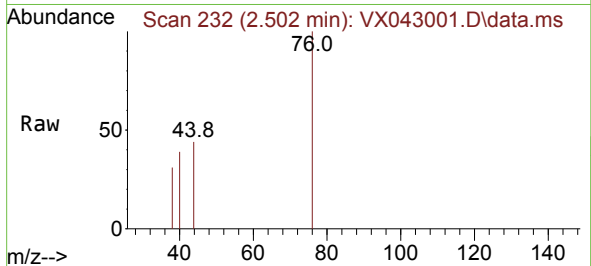




#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

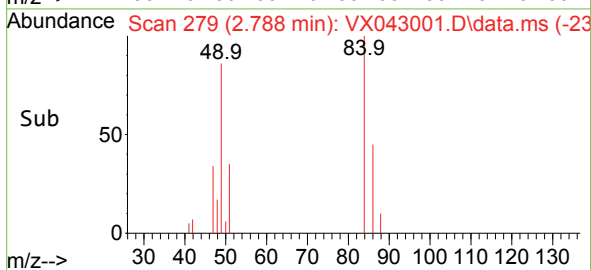
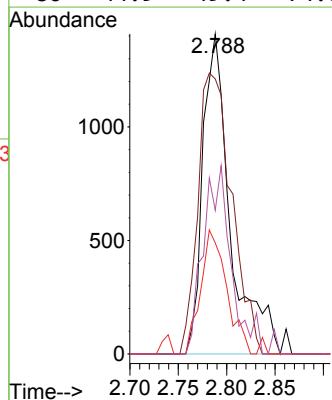
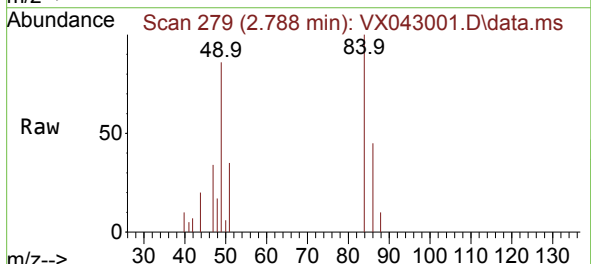
Instrument :
MSVOA_X
ClientSampleId :

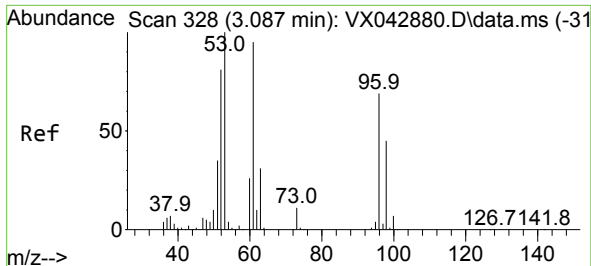
Tgt Ion: 76 Resp: 906
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

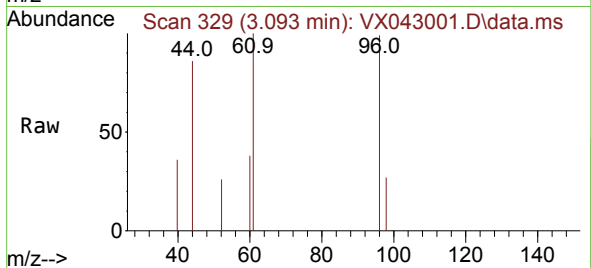
Tgt Ion: 84 Resp: 2812
Ion Ratio Lower Upper
84 100
49 85.9 103.6 155.4#
51 34.7 33.8 50.6
86 44.9 49.4 74.0#



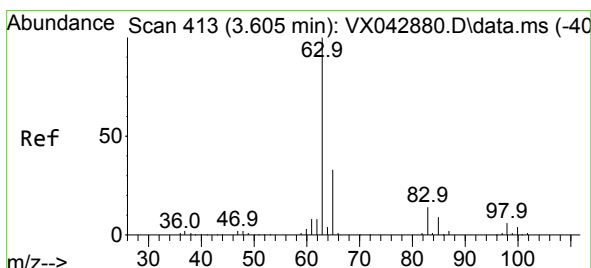
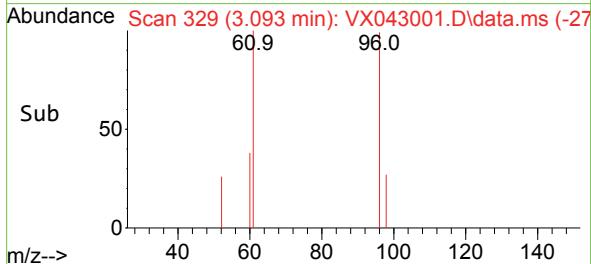
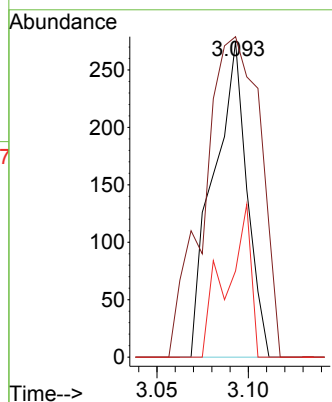


#21
trans-1,2-Dichloroethene
Concen: 0.213 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :

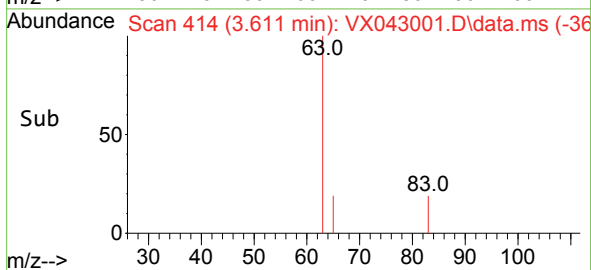
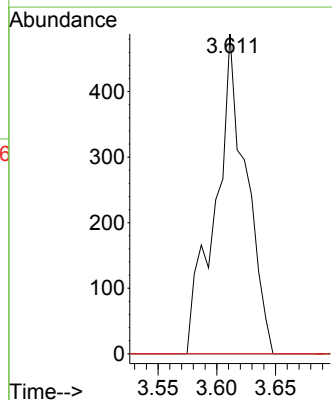
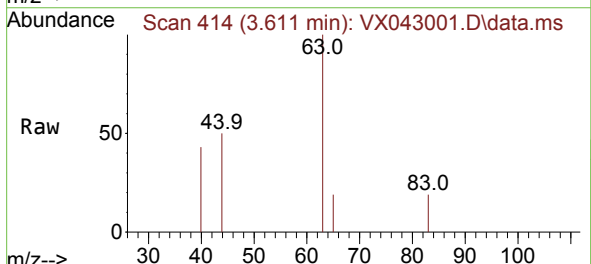


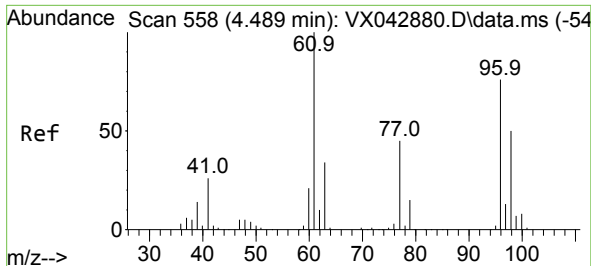
Tgt Ion: 96 Resp: 349
Ion Ratio Lower Upper
96 100
61 101.5 119.2 178.8#
98 27.3 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 0.286 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Tgt Ion: 63 Resp: 892
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 46.428 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

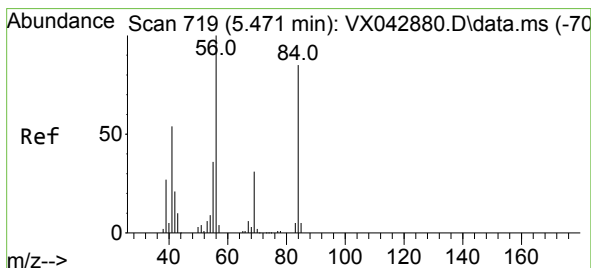
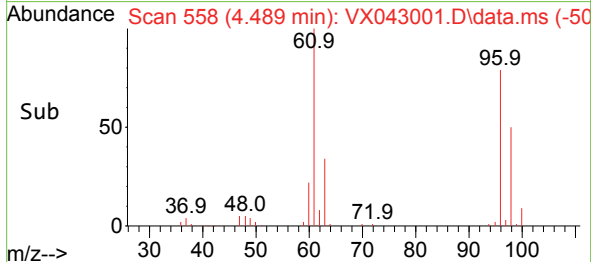
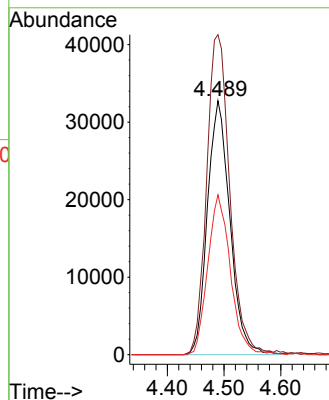
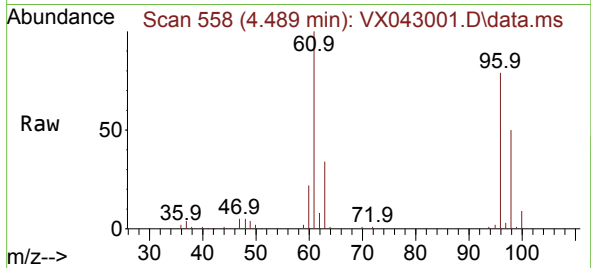
Tgt Ion: 96 Resp: 90357

Ion Ratio Lower Upper

96 100

61 129.5 0.0 312.2

98 63.4 0.0 129.0



#31

Cyclohexane

Concen: 1.426 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

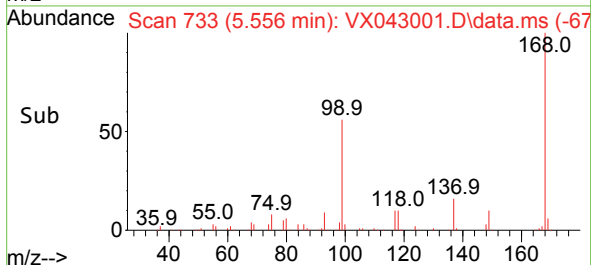
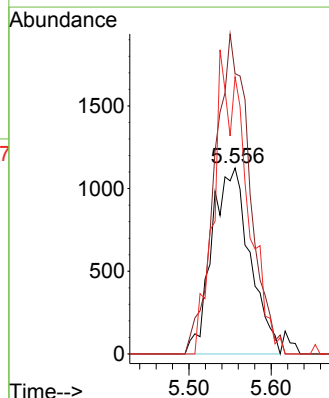
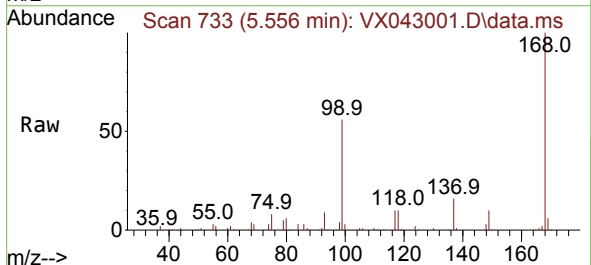
Tgt Ion: 56 Resp: 3624

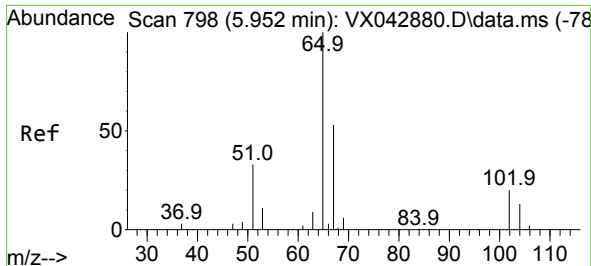
Ion Ratio Lower Upper

56 100

69 150.8 23.4 35.2#

84 149.1 65.9 98.9#

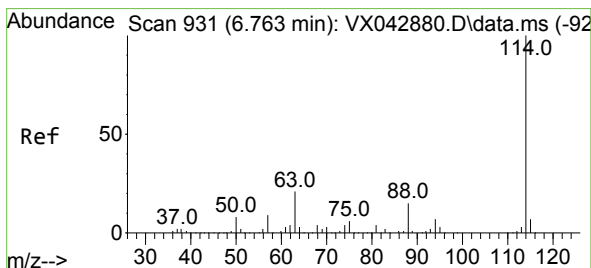
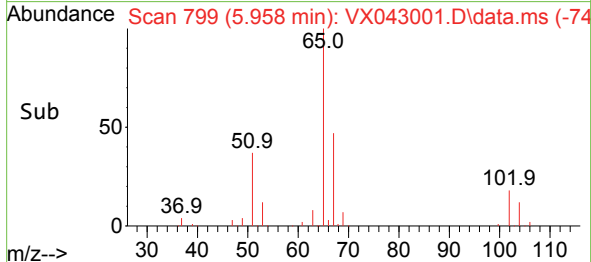
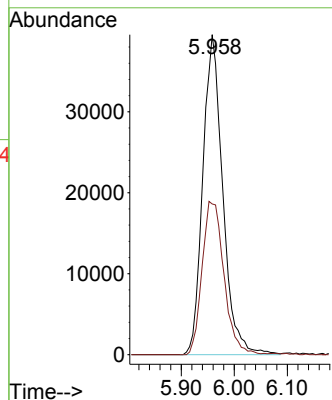
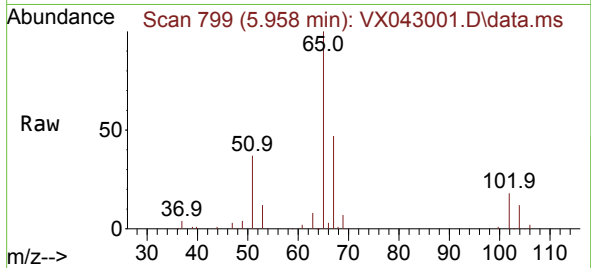




#33
 1,2-Dichloroethane-d4
 Concen: 50.807 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043001.D
 Acq: 09 Aug 2024 17:24

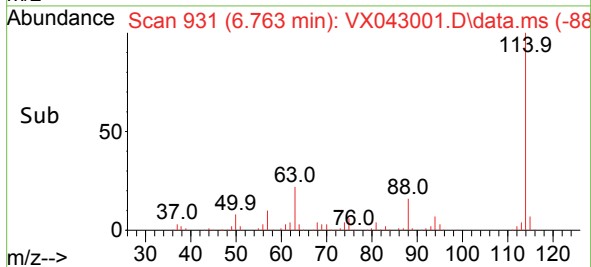
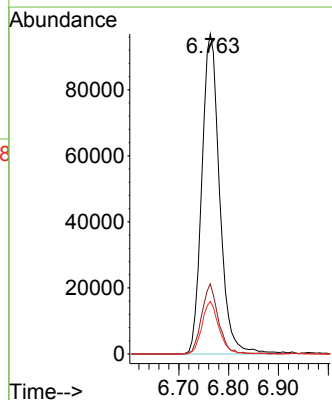
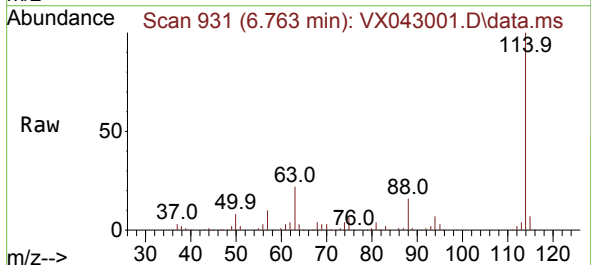
Instrument :
 MSVOA_X
 ClientSampleId :

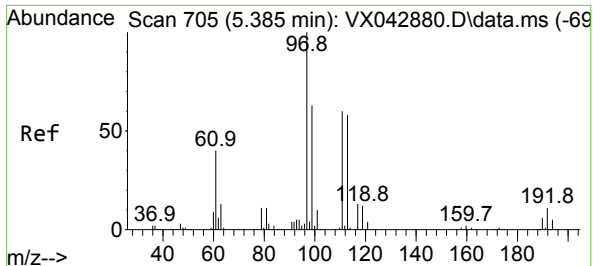
Tgt Ion: 65 Resp: 103219
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX043001.D
 Acq: 09 Aug 2024 17:24

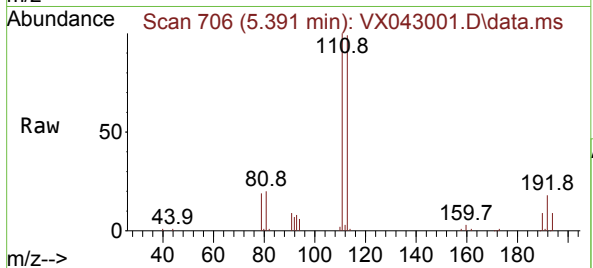
Tgt Ion:114 Resp: 239439
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.0
 88 16.4 0.0 36.6



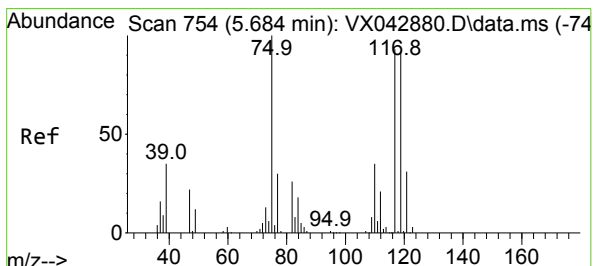
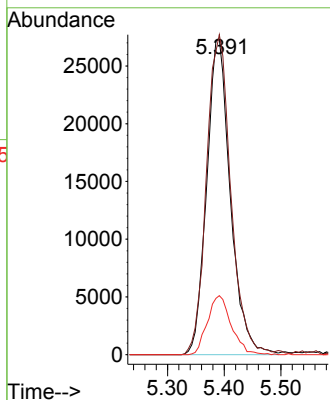
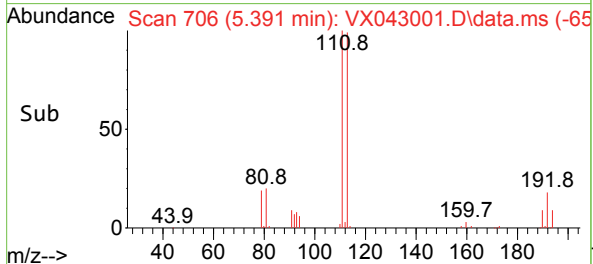


#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :

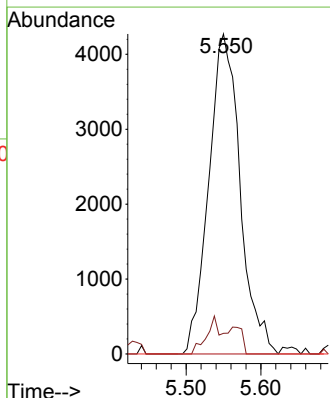
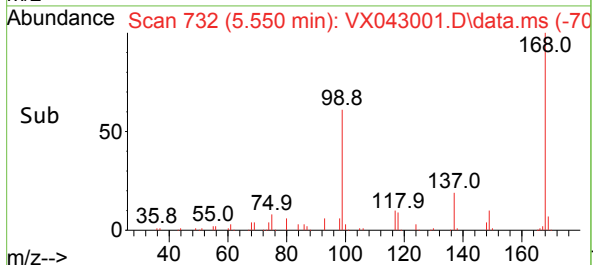
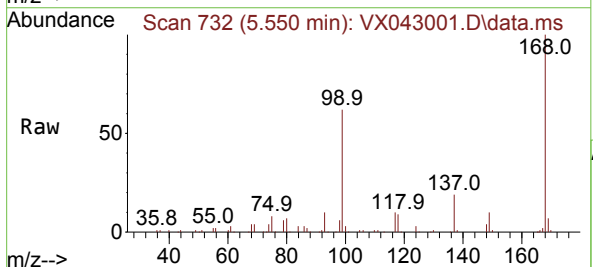


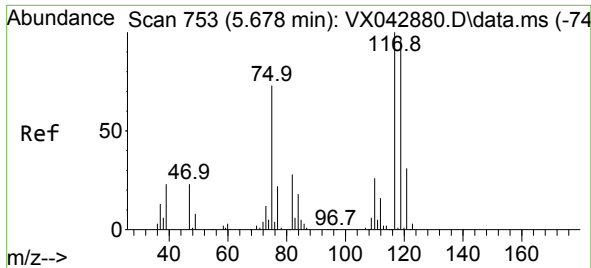
Tgt Ion:113 Resp: 79298
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.865 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

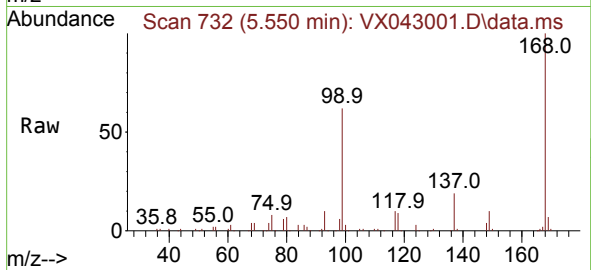
Tgt Ion: 75 Resp: 12450
Ion Ratio Lower Upper
75 100
110 3.9 17.0 50.9#
77 0.0 24.7 37.1#



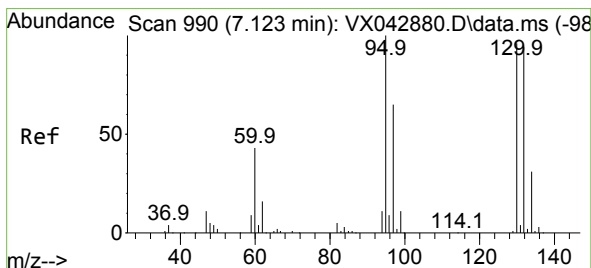
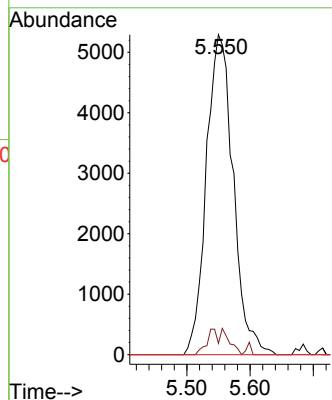
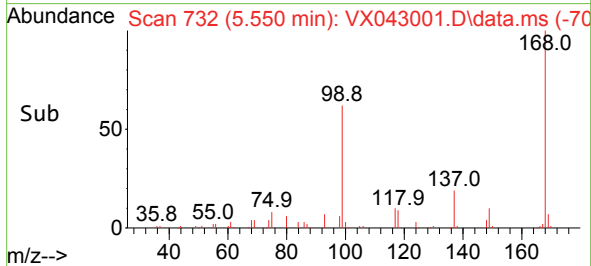


#38
Carbon Tetrachloride
Concen: 6.512 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :

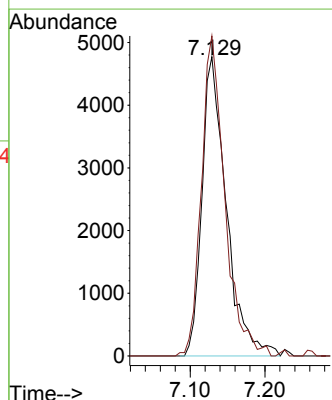
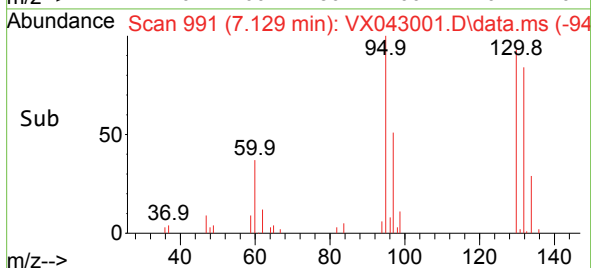
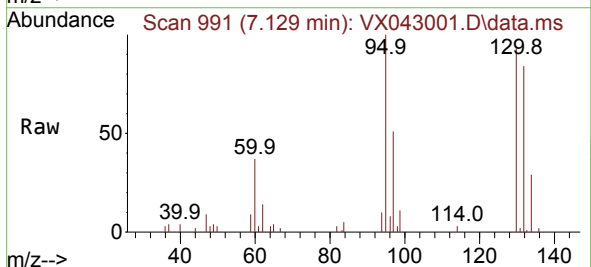


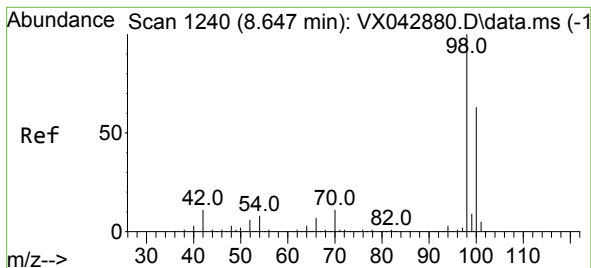
Tgt Ion:117 Resp: 15604
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 6.509 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Tgt Ion:130 Resp: 10774
Ion Ratio Lower Upper
130 100
95 105.9 0.0 204.4





#50

Toluene-d8

Concen: 52.691 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

Instrument :

MSVOA_X

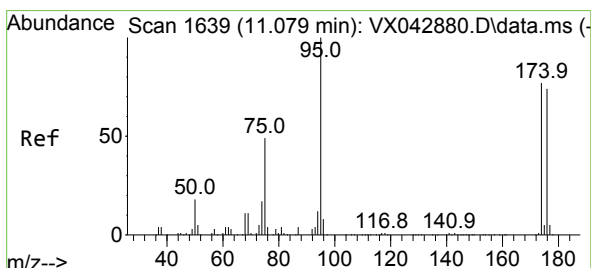
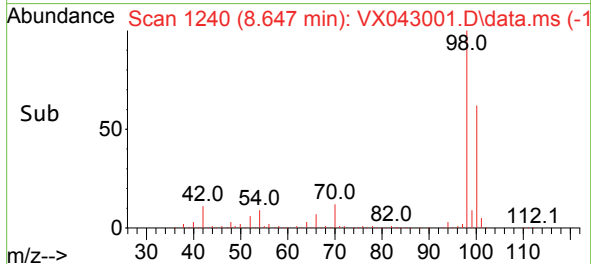
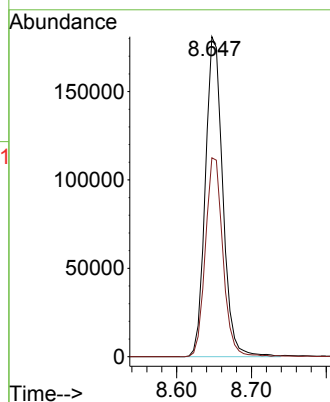
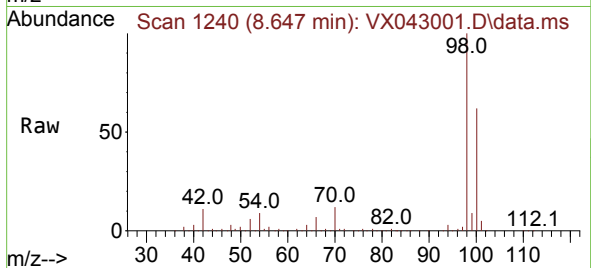
ClientSampleId :

Tgt Ion: 98 Resp: 292845

Ion Ratio Lower Upper

98 100

100 62.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.211 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

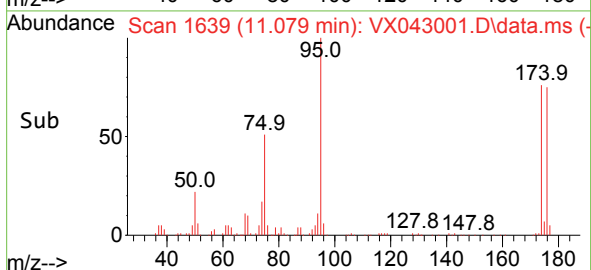
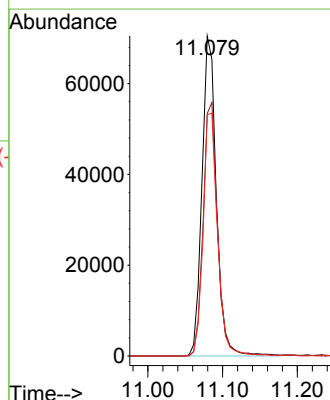
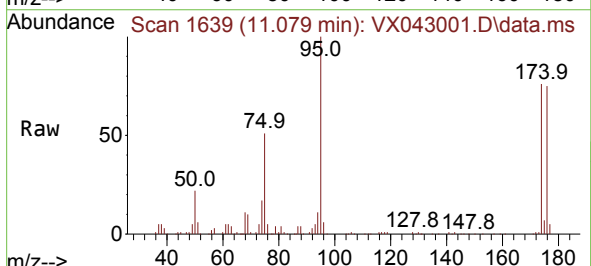
Tgt Ion: 95 Resp: 94289

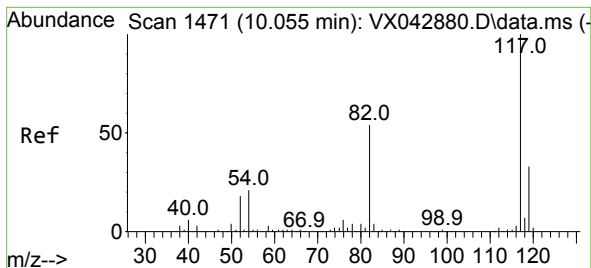
Ion Ratio Lower Upper

95 100

174 79.5 0.0 135.6

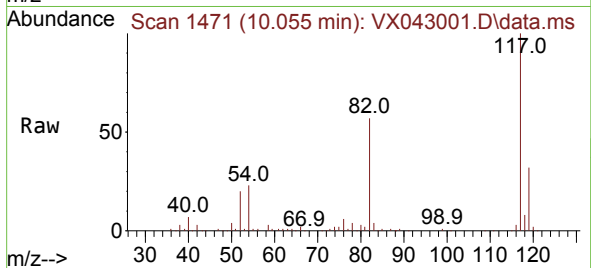
176 76.1 0.0 131.0



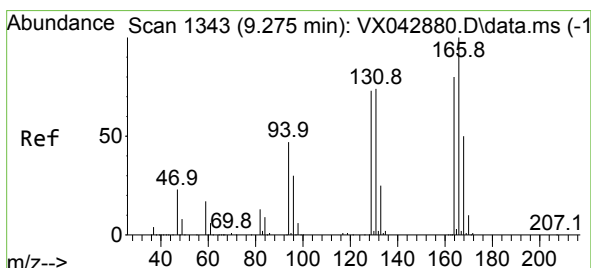
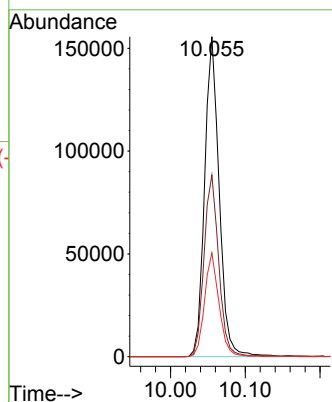
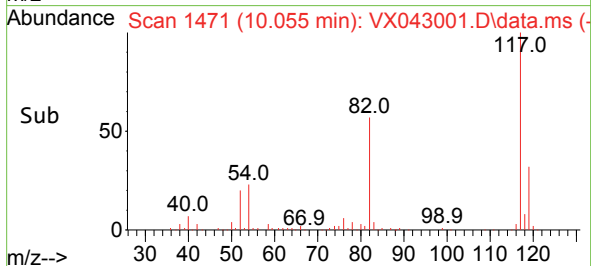


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

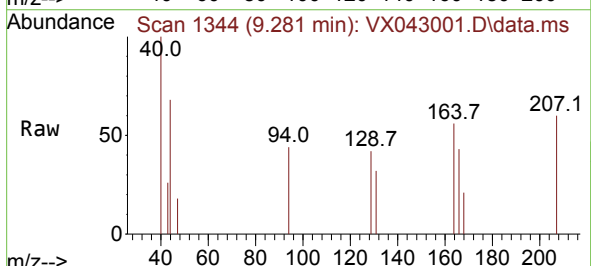
Instrument :
MSVOA_X
ClientSampleId :



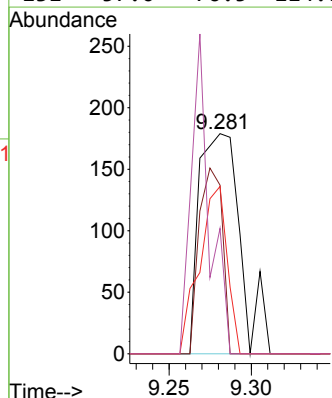
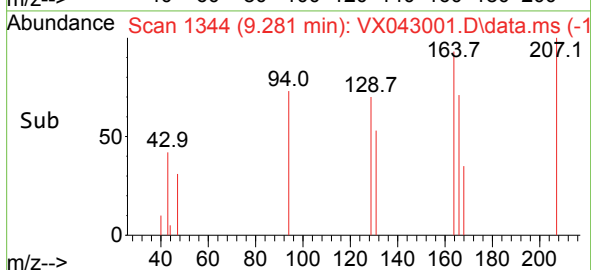
Tgt Ion:117 Resp: 210626
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.5 25.5 38.3

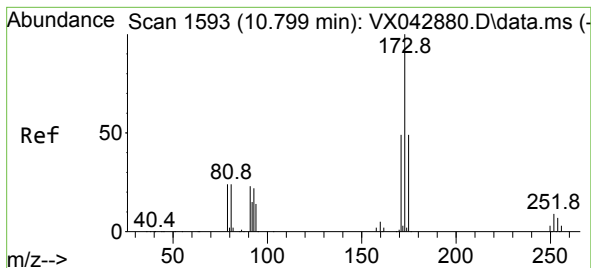


#64
Tetrachloroethene
Concen: 0.212 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24



Tgt Ion:164 Resp: 310
Ion Ratio Lower Upper
164 100
166 76.5 102.7 154.1#
129 76.0 80.4 120.6#
131 57.0 76.5 114.7#





#71

Bromoform

Concen: 0.860 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043001.D

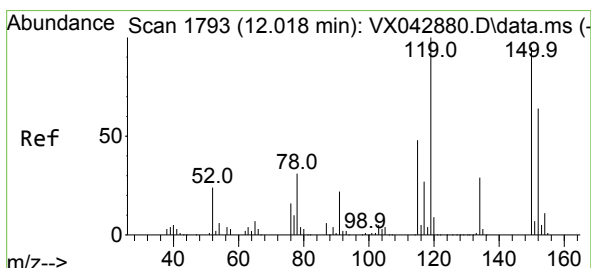
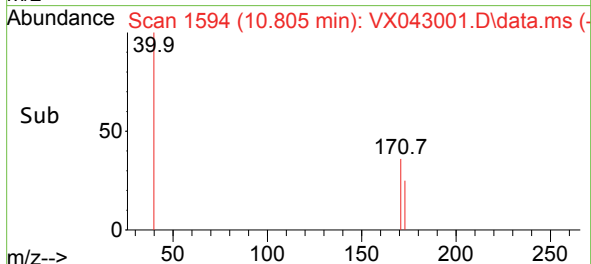
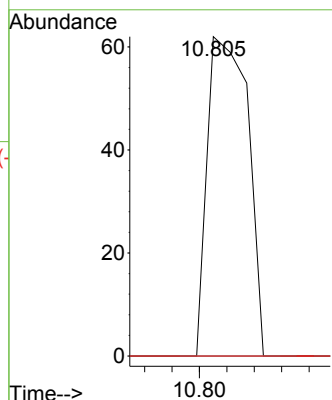
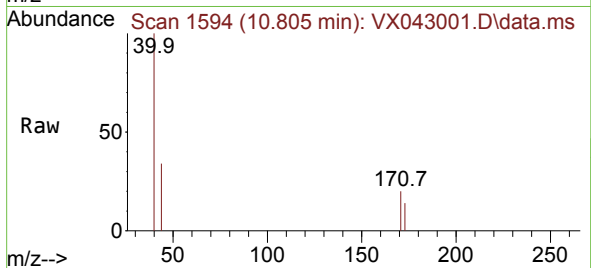
Acq: 09 Aug 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	64
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.4#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

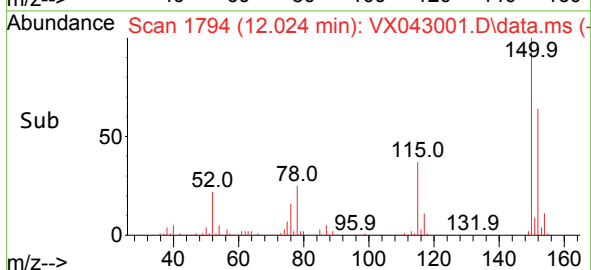
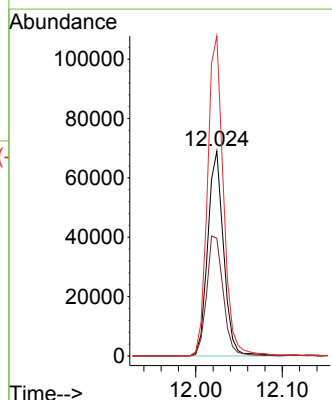
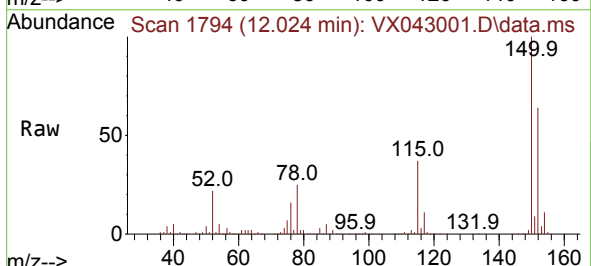
RT: 12.024 min Scan# 1794

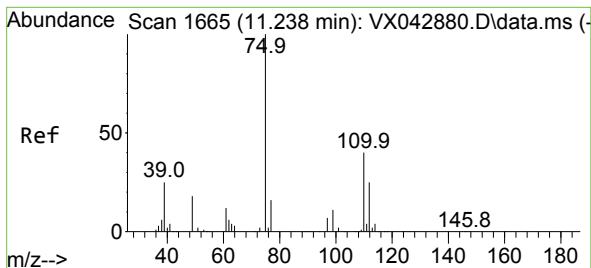
Delta R.T. 0.006 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

Tgt Ion:152	Resp:	87830
Ion Ratio	Lower	Upper
152	100	
115	61.3	43.3 129.9
150	157.3	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.227 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

Instrument :

MSVOA_X

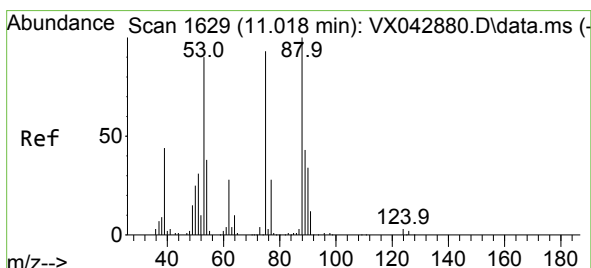
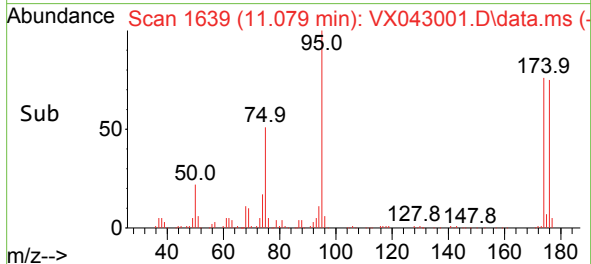
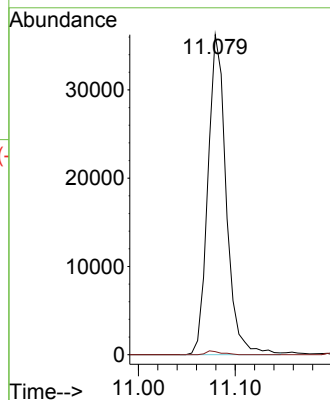
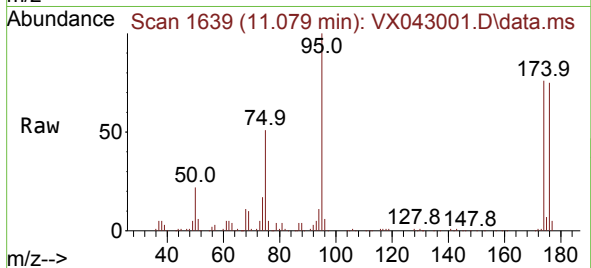
ClientSampleId :

Tgt Ion: 75 Resp: 47854

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.773 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043001.D

Acq: 09 Aug 2024 17:24

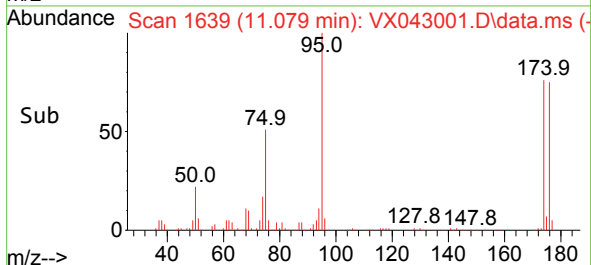
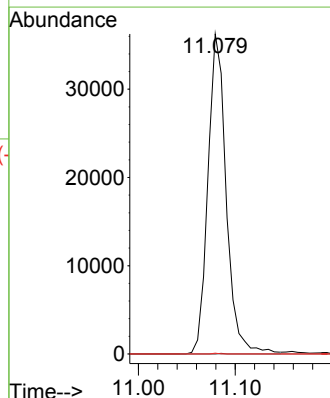
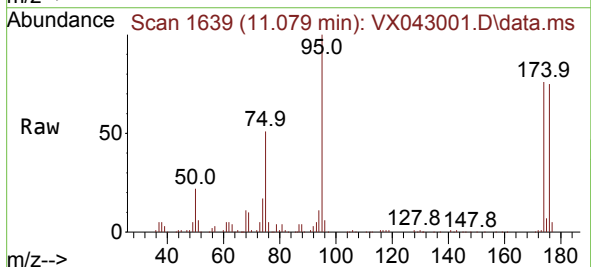
Tgt Ion: 75 Resp: 47854

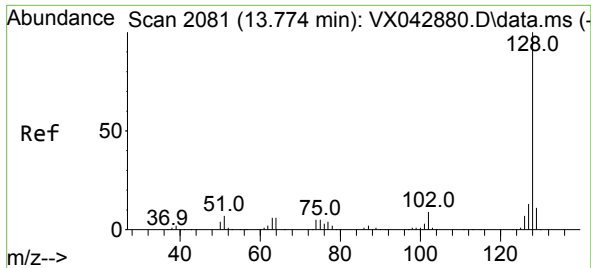
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

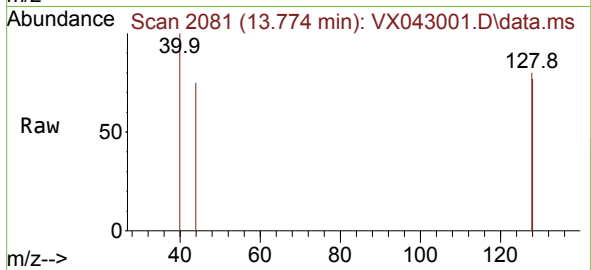
89 0.1 36.9 55.3#





#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043001.D
Acq: 09 Aug 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1243
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.3	15.5#
129	0.0	8.8	13.2#

