

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042964.D
 Acq On : 09 Aug 2024 01:48
 Operator : JC/MD
 Sample : VX0808WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 05:47:42 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)

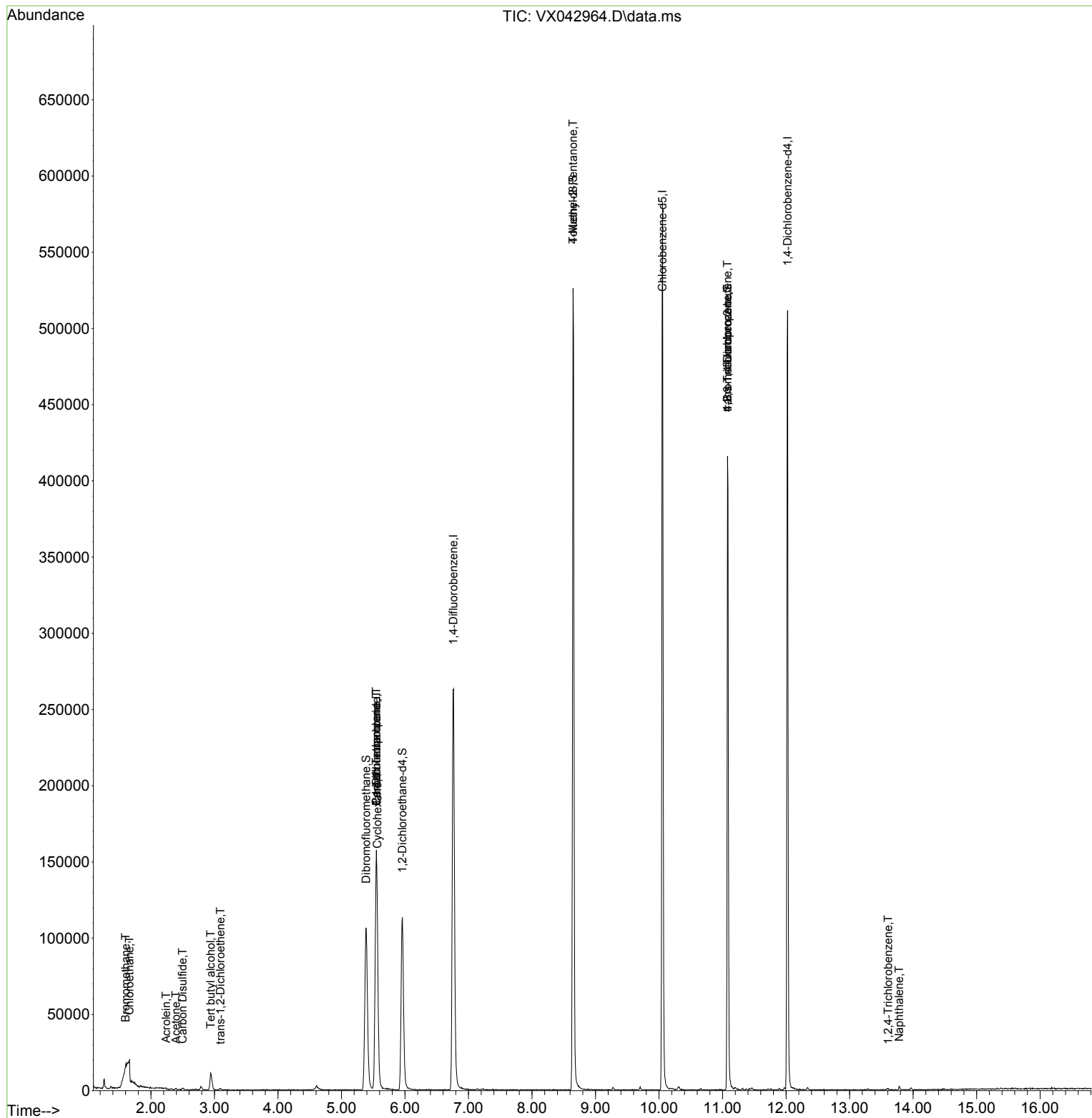
Internal Standards						
1) Pentafluorobenzene	5.549	168	150400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114393	55.404	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.800%		
35) Dibromofluoromethane	5.385	113	94903	51.338	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.680%		
50) Toluene-d8	8.646	98	325665	49.625	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.240%		
62) 4-Bromofluorobenzene	11.079	95	115848	49.125	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.240%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	807	0.796	ug/l	86
6) Chloroethane	1.660	64	231	0.242	ug/l #	44
11) Tert butyl alcohol	2.940	59	6401	15.586	ug/l #	80
13) Acrolein	2.239	56	260	0.642	ug/l #	61
16) Acetone	2.391	43	881	0.984	ug/l #	48
17) Carbon Disulfide	2.495	76	1508	0.374	ug/l	96
20) Methylene Chloride	2.782	84	1222	Below Cal	#	72
21) trans-1,2-Dichloroethene	3.093	96	336	0.201	ug/l #	78
31) Cyclohexane	5.562	56	3166	1.225	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	11595	4.626	ug/l #	51
38) Carbon Tetrachloride	5.549	117	15410	5.447	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1435	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59518	24.114	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59518	78.406	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.609	180	608	0.272	ug/l #	69
95) Naphthalene	13.780	128	2062	0.267	ug/l #	90

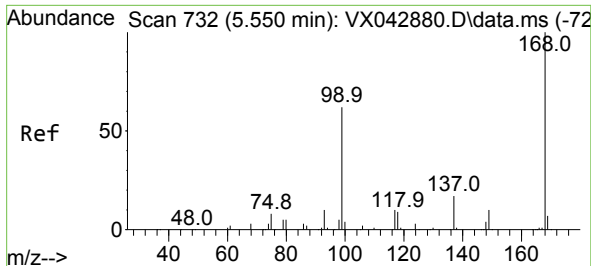
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 05:47:42 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





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

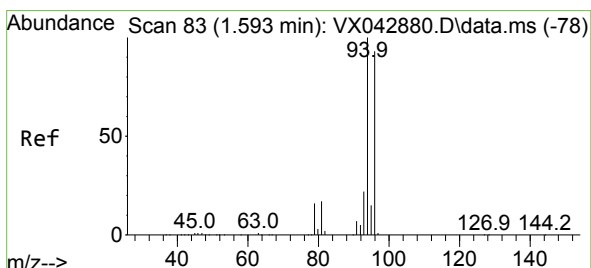
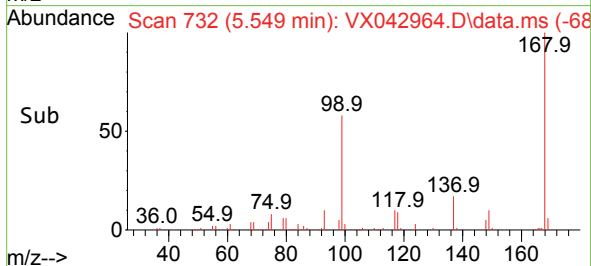
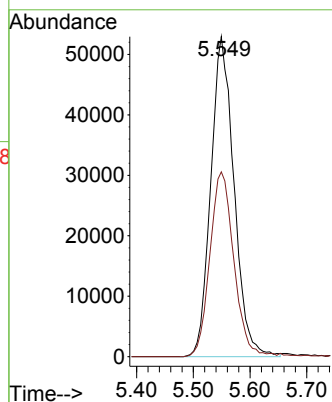
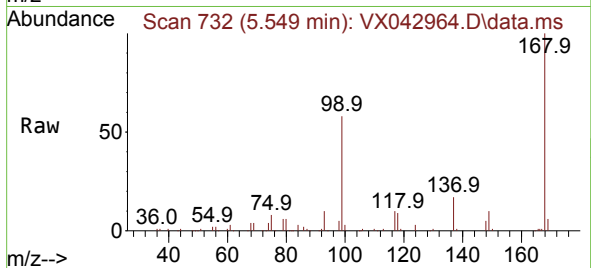
ClientSampleId :

Tgt Ion:168 Resp: 150400

Ion Ratio Lower Upper

168 100

99 57.8 56.6 85.0



#5

Bromomethane

Concen: 0.796 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX042964.D

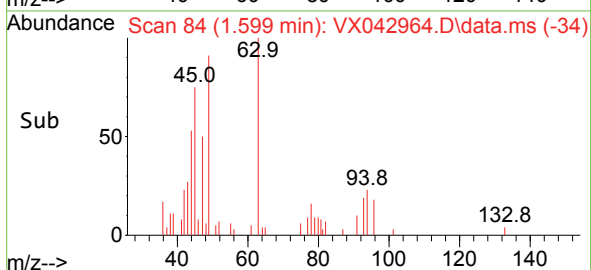
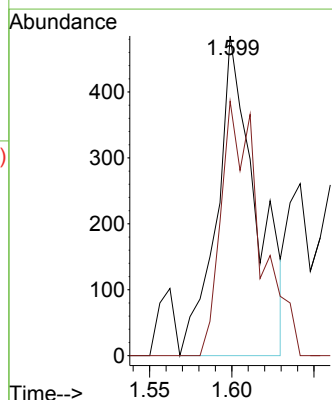
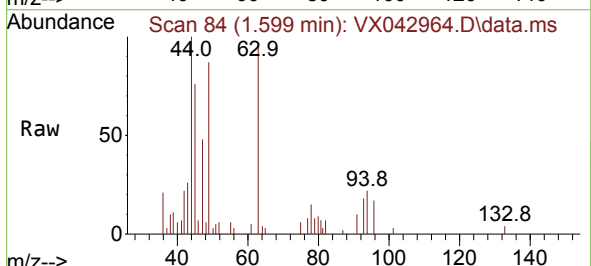
Acq: 09 Aug 2024 01:48

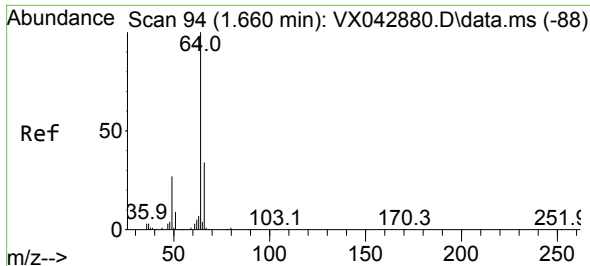
Tgt Ion: 94 Resp: 807

Ion Ratio Lower Upper

94 100

96 79.6 74.6 111.8

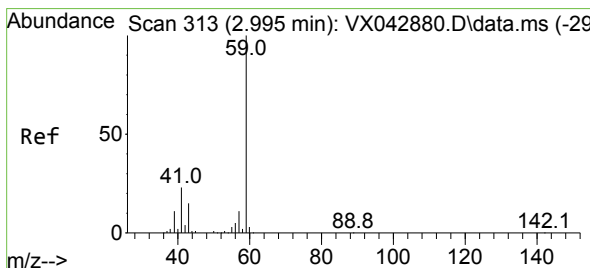
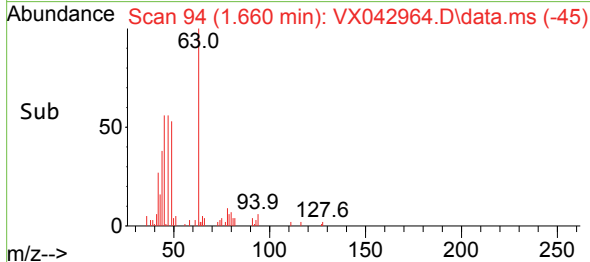
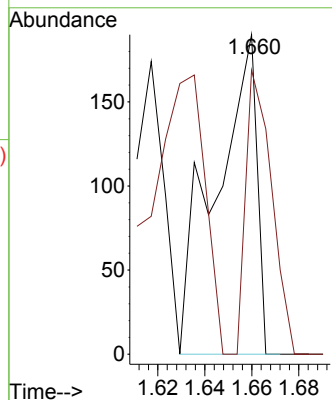
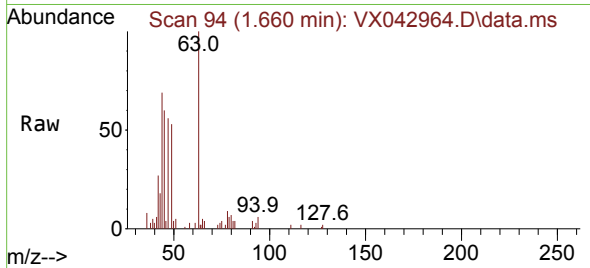




#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

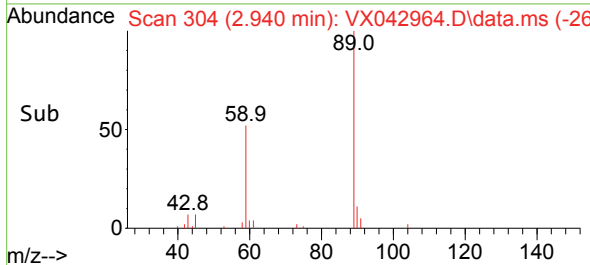
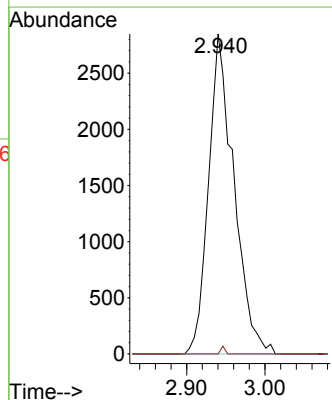
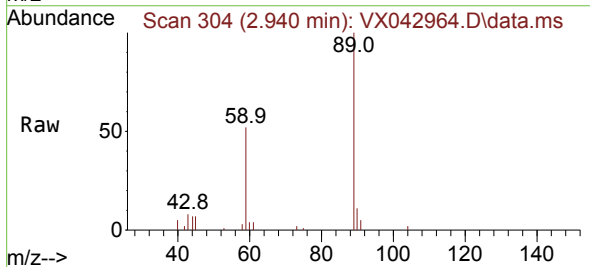
Instrument :
MSVOA_X
ClientSampleId :

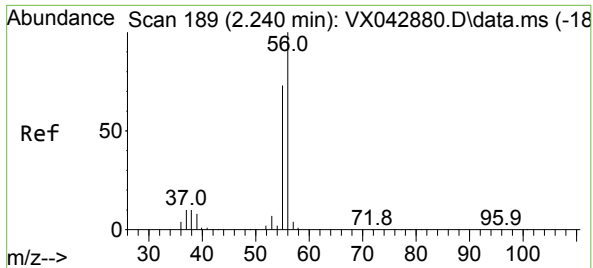
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 62.6 25.1 37.7#



#11
Tert butyl alcohol
Concen: 15.586 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 59 Resp: 6401
Ion Ratio Lower Upper
59 100
57 0.4 6.0 9.0#

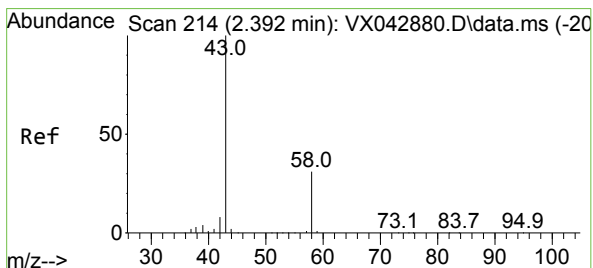
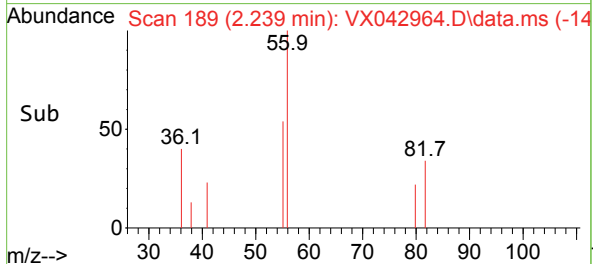
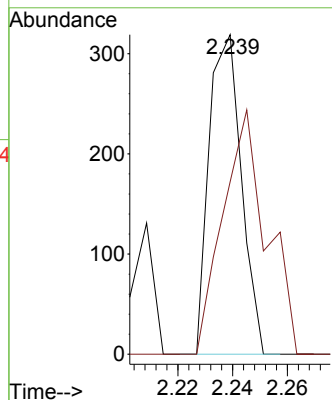
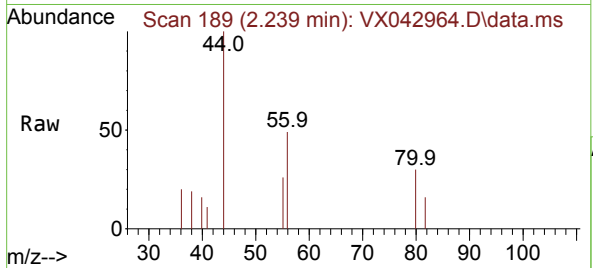




#13
Acrolein
Concen: 0.642 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

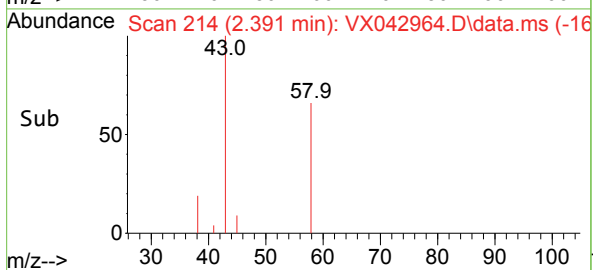
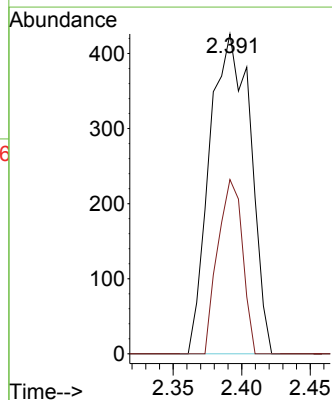
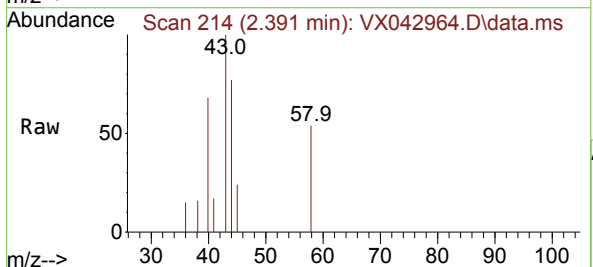
Instrument :
MSVOA_X
ClientSampleId :

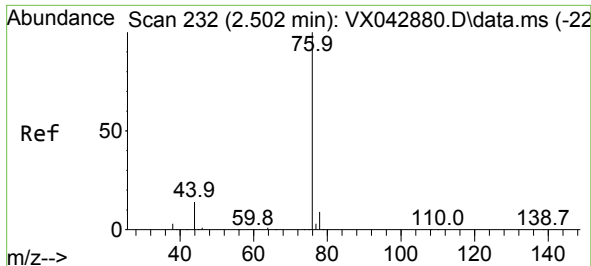
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 103.8 57.1 85.7#



#16
Acetone
Concen: 0.984 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 54.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.374 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.007 min

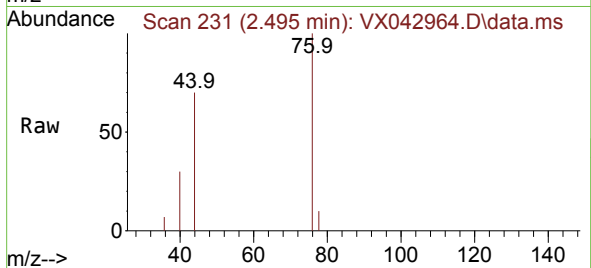
Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

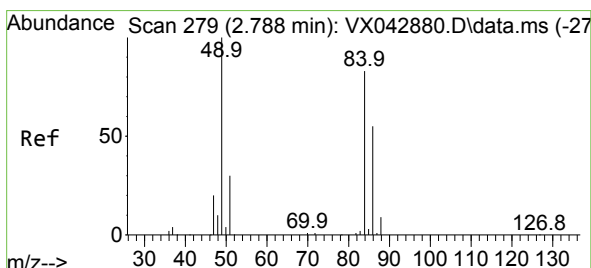
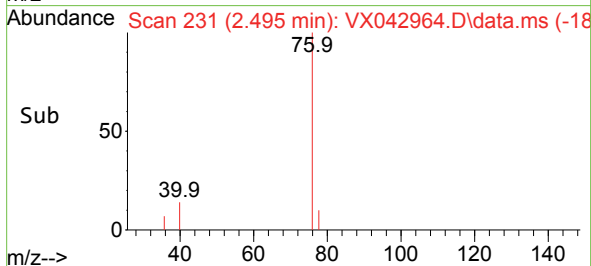
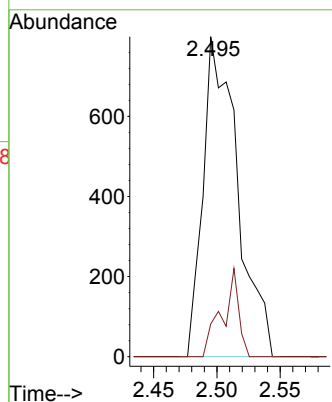


Tgt Ion: 76 Resp: 1508

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Tgt Ion: 84 Resp: 1222

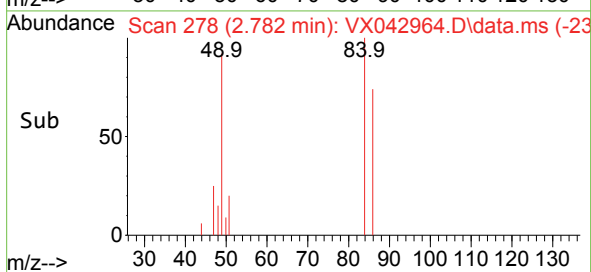
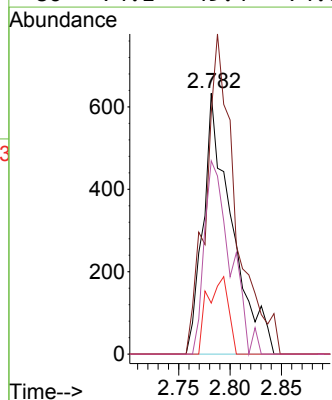
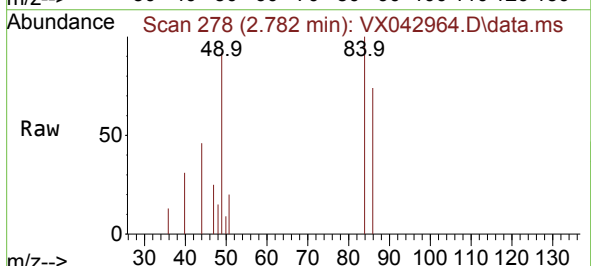
Ion Ratio Lower Upper

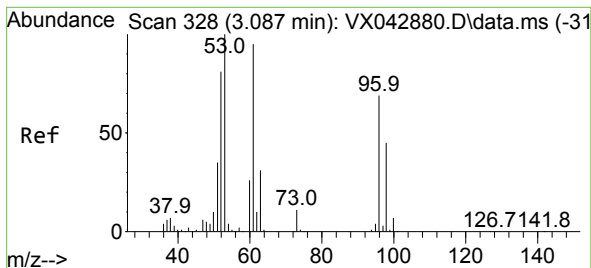
84 100

49 92.4 103.6 155.4#

51 19.6 33.8 50.6#

86 74.1 49.4 74.0#





#21

trans-1,2-Dichloroethene

Concen: 0.201 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

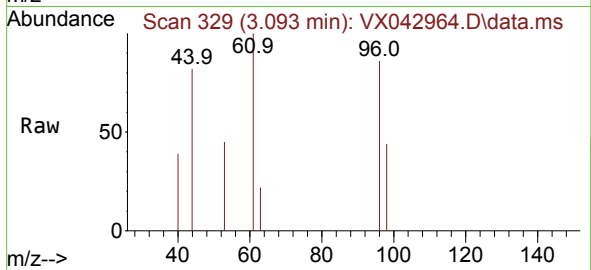
Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :



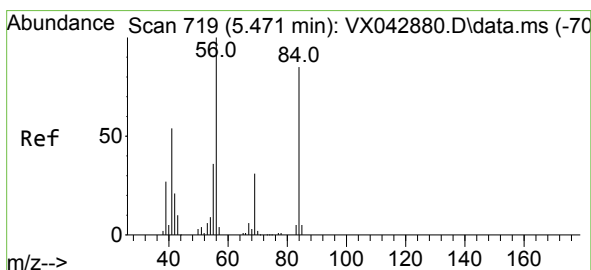
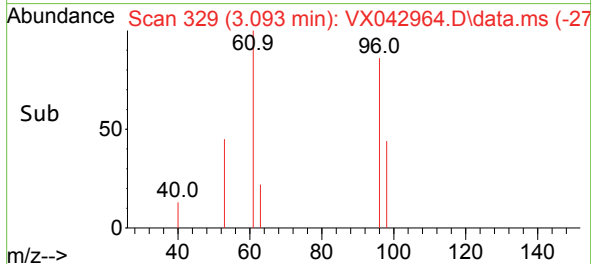
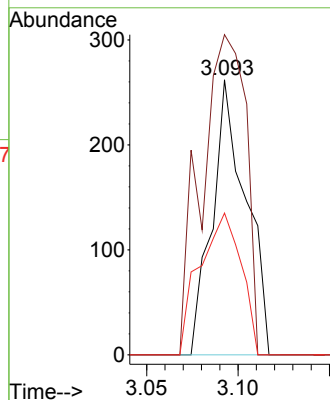
Tgt Ion: 96 Resp: 336

Ion Ratio Lower Upper

96 100

61 116.4 119.2 178.8#

98 51.5 48.7 73.1



#31

Cyclohexane

Concen: 1.225 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

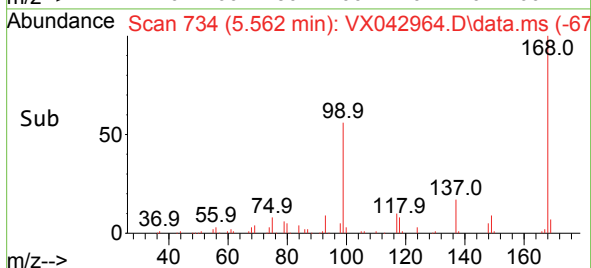
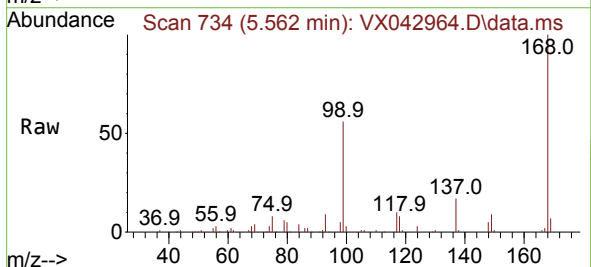
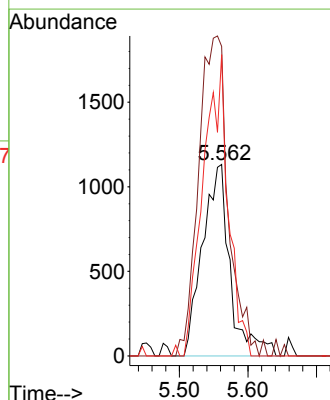
Tgt Ion: 56 Resp: 3166

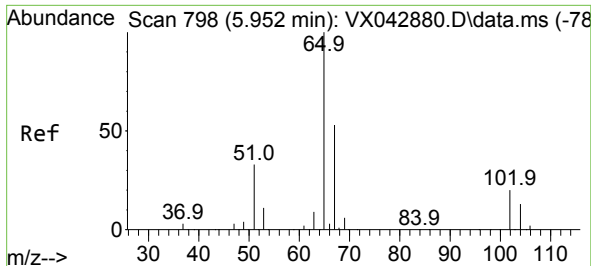
Ion Ratio Lower Upper

56 100

69 161.7 23.4 35.2#

84 157.3 65.9 98.9#

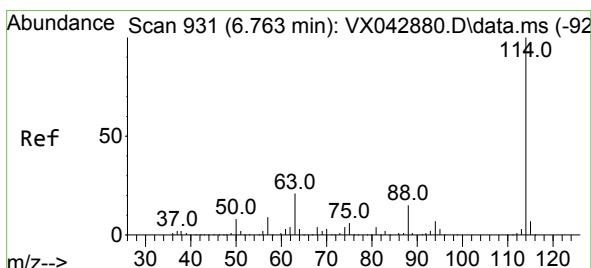
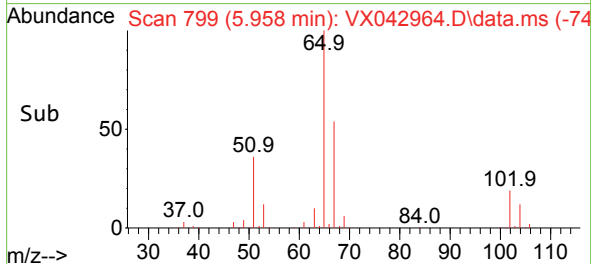
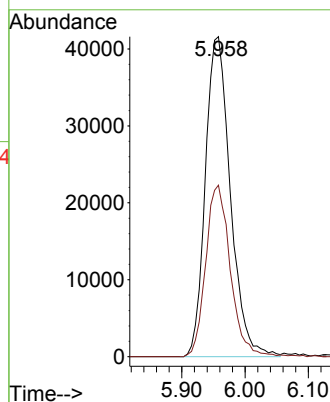
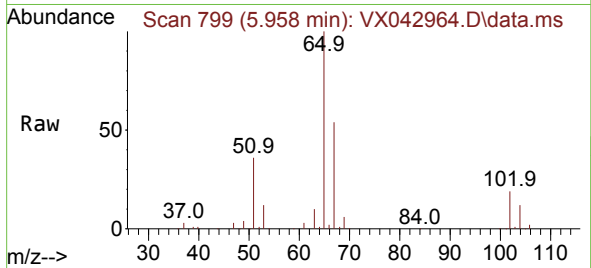




#33
 1,2-Dichloroethane-d4
 Concen: 55.404 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX042964.D
 Acq: 09 Aug 2024 01:48

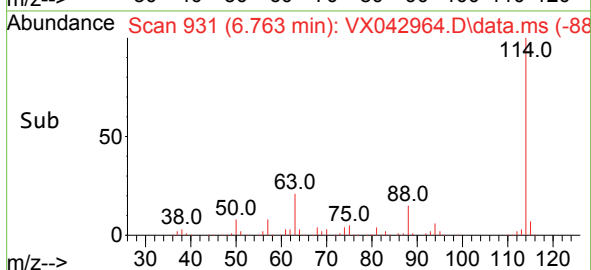
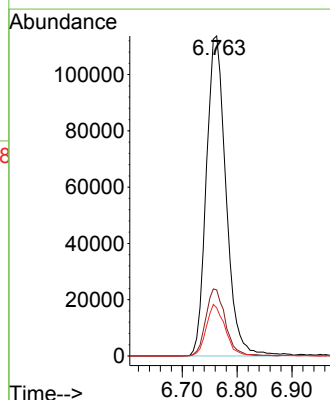
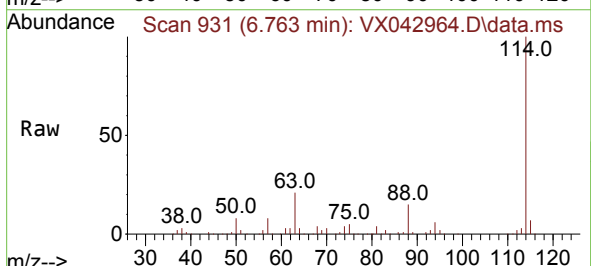
Instrument :
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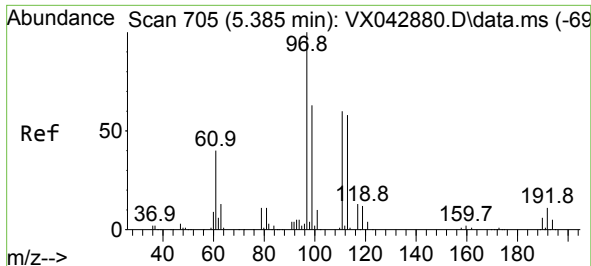
Tgt Ion: 65 Resp: 114393
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042964.D
 Acq: 09 Aug 2024 01:48

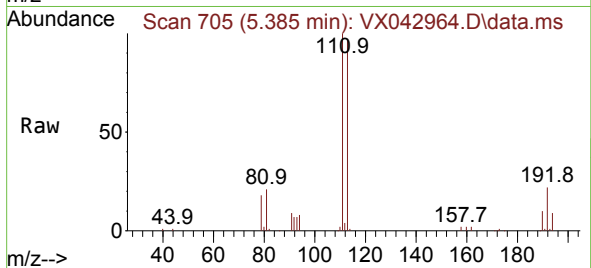
Tgt Ion: 114 Resp: 282725
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.0
 88 15.0 0.0 36.6



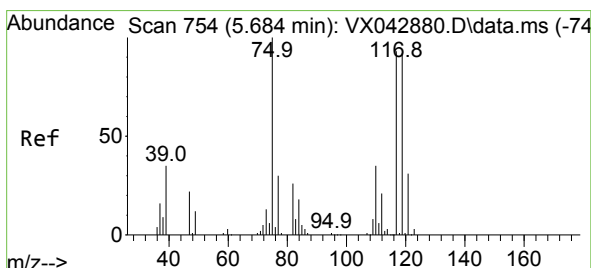
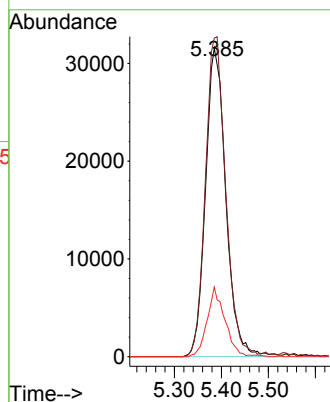
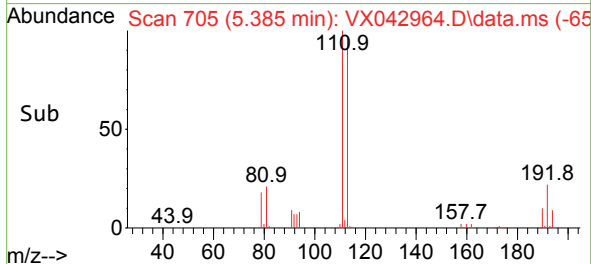


#35
Dibromofluoromethane
Concen: 51.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Instrument :
MSVOA_X
ClientSampleId :

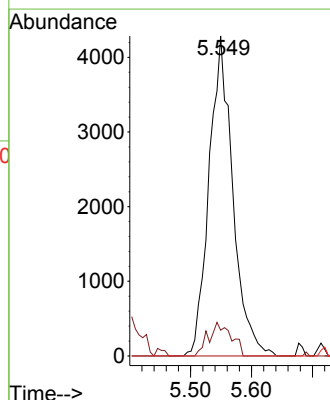
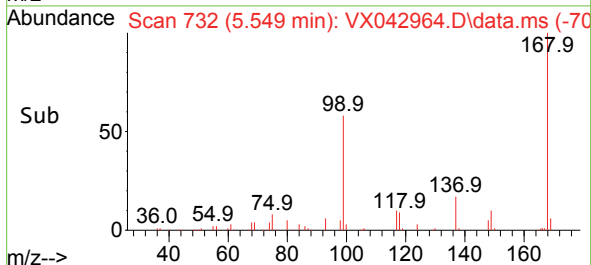
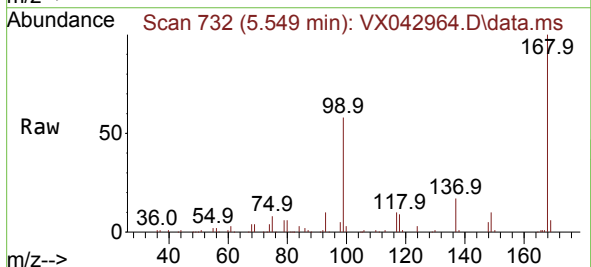


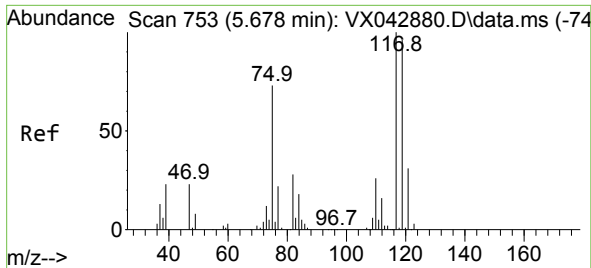
Tgt Ion:113 Resp: 94903
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.135 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

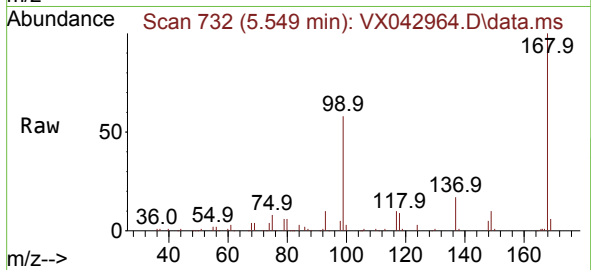
Tgt Ion: 75 Resp: 11595
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



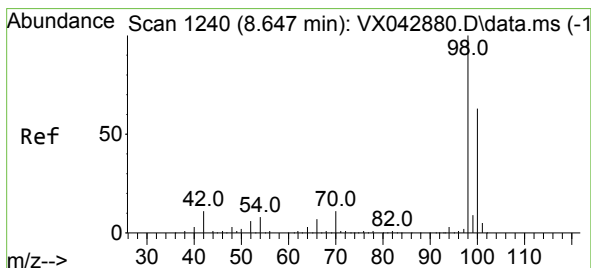
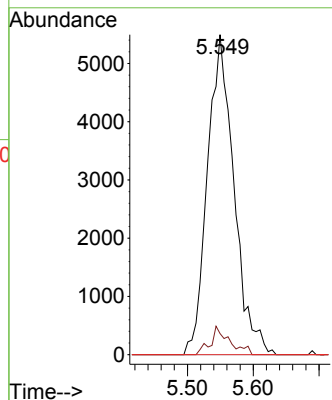
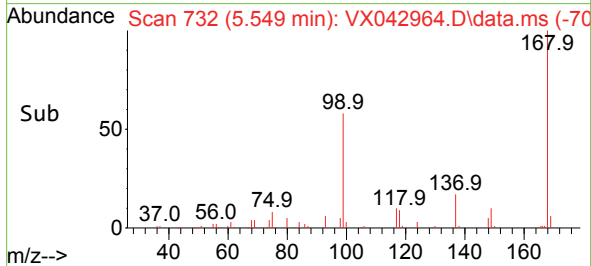


#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Instrument :
MSVOA_X
ClientSampleId :

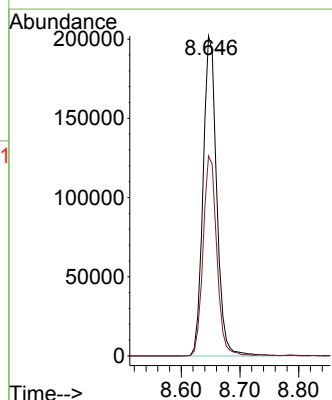
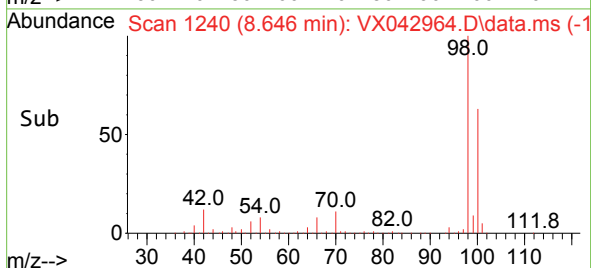
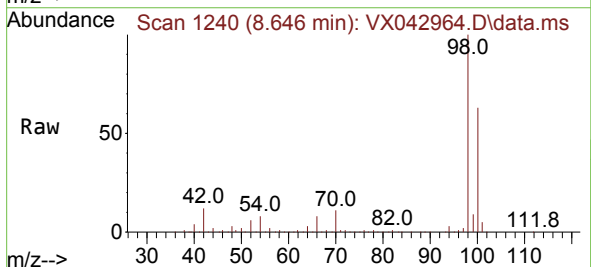


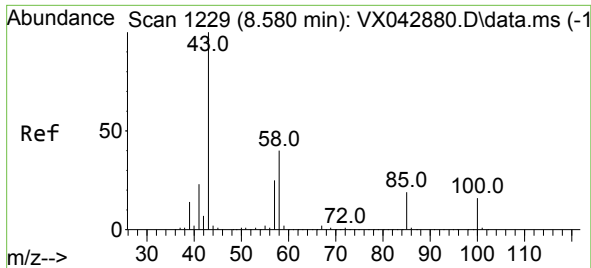
Tgt Ion:117 Resp: 15410
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.625 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion: 98 Resp: 325665
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

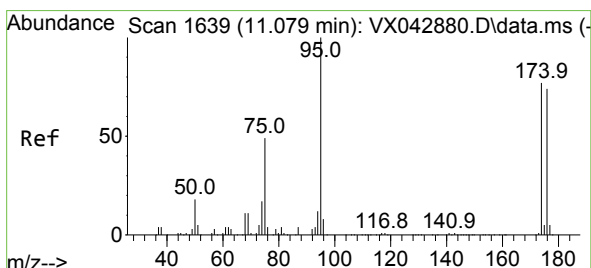
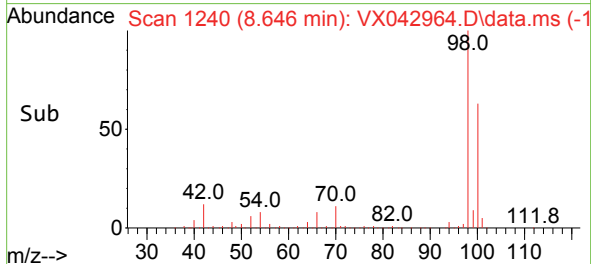
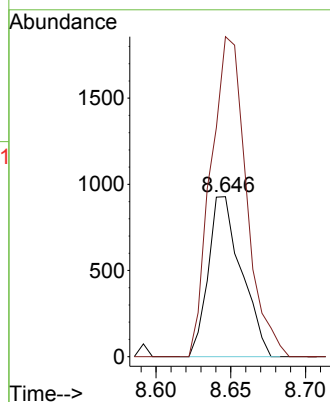
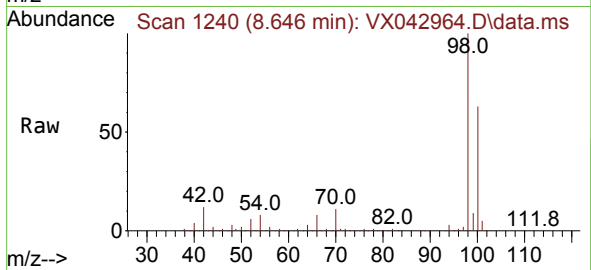




#51
 4-Methyl-2-Pentanone
 Concen: 0.462 ug/l
 RT: 8.646 min Scan# 1240
 Delta R.T. 0.067 min
 Lab File: VX042964.D
 Acq: 09 Aug 2024 01:48

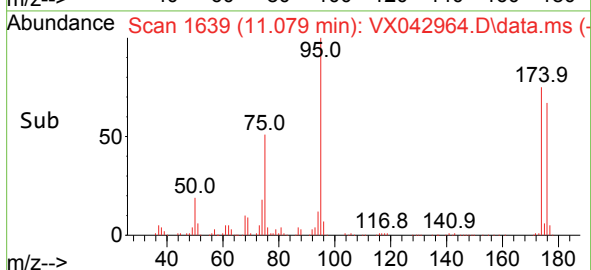
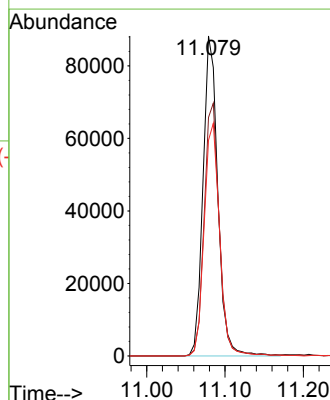
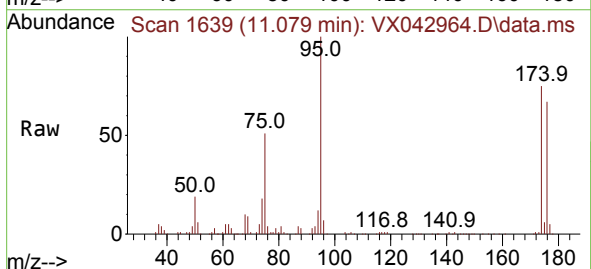
Instrument :
 MSVOA_X
 ClientSampleId :

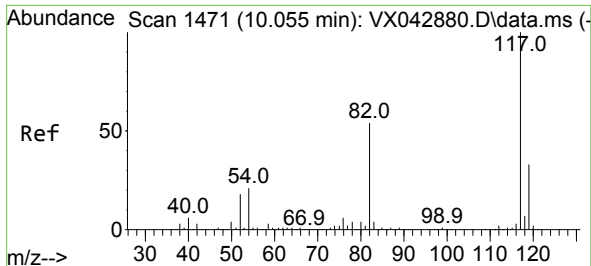
Tgt Ion: 43 Resp: 1435
 Ion Ratio Lower Upper
 43 100
 58 213.5 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 49.125 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX042964.D
 Acq: 09 Aug 2024 01:48

Tgt Ion: 95 Resp: 115848
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 135.6
 176 76.2 0.0 131.0

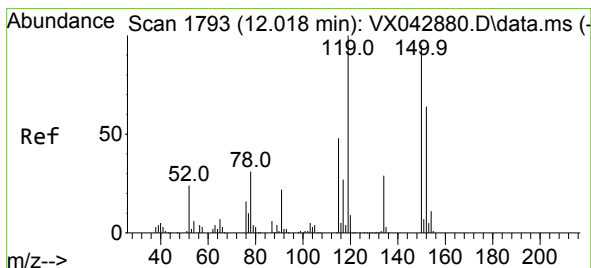
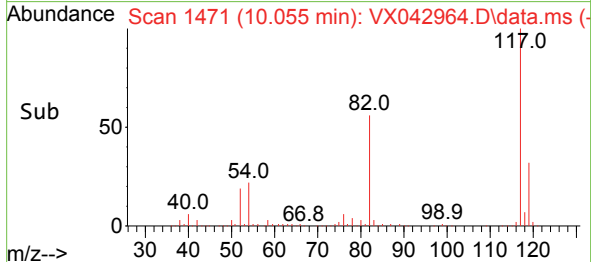
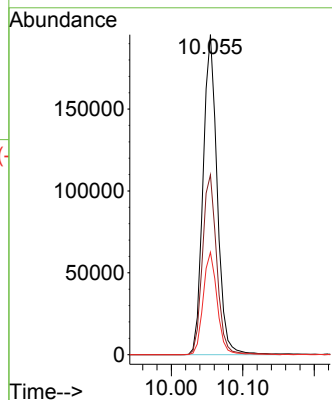
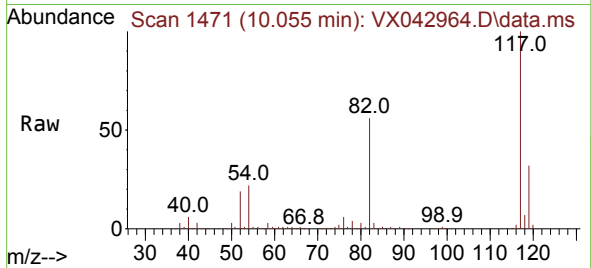




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

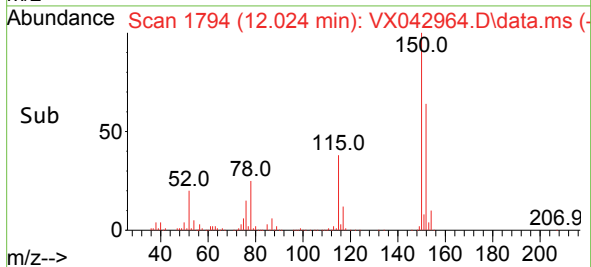
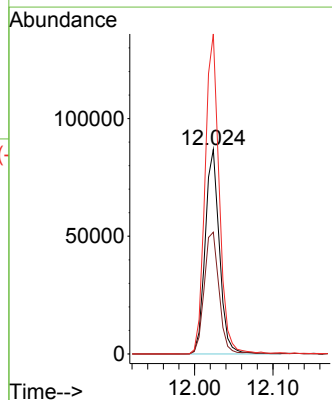
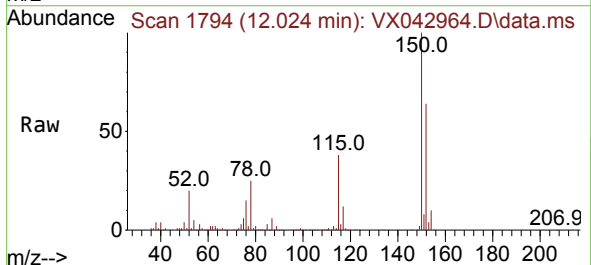
Instrument :
MSVOA_X
ClientSampleId :

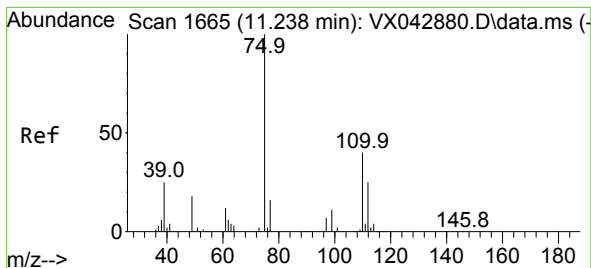
Tgt Ion:117 Resp: 268240
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042964.D
Acq: 09 Aug 2024 01:48

Tgt Ion:152 Resp: 109749
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.114 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

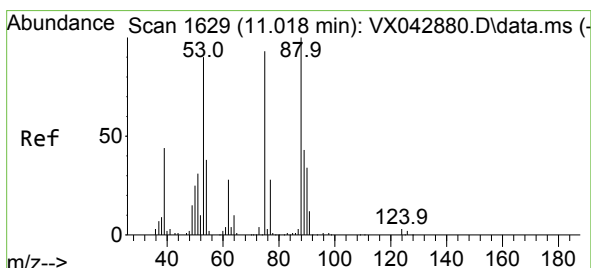
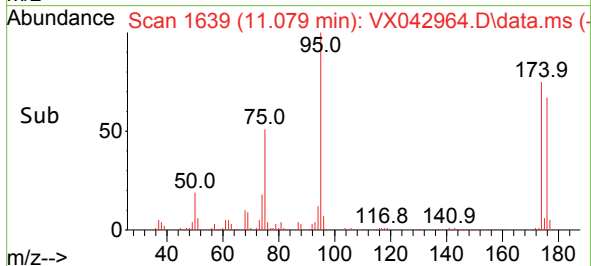
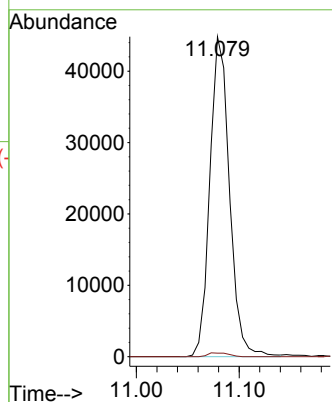
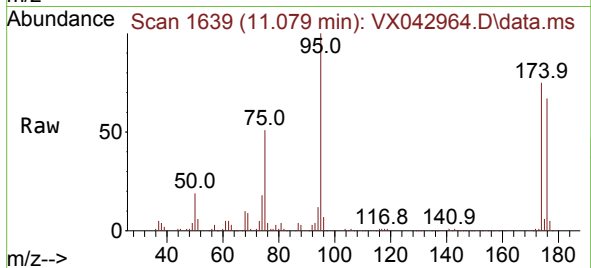
ClientSampleId :

Tgt Ion: 75 Resp: 59518

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.406 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

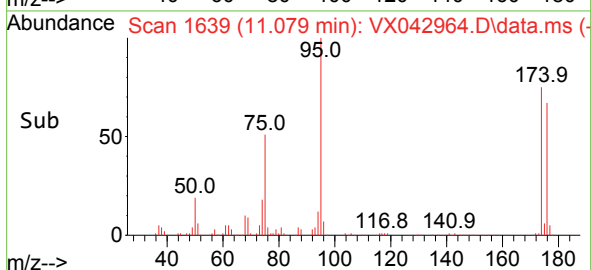
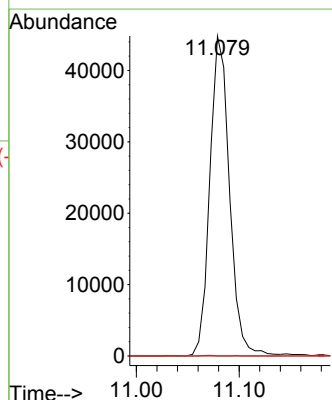
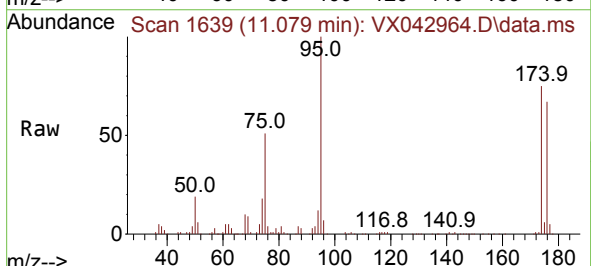
Tgt Ion: 75 Resp: 59518

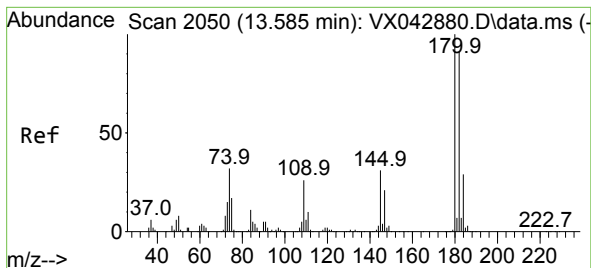
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.609 min Scan# 2054

Delta R.T. 0.024 min

Lab File: VX042964.D

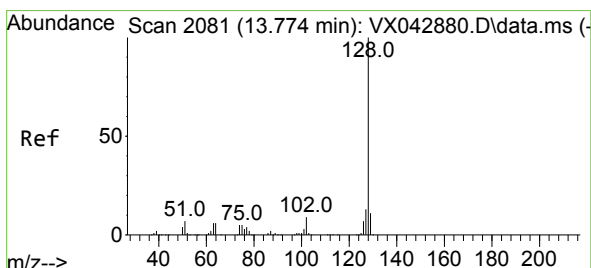
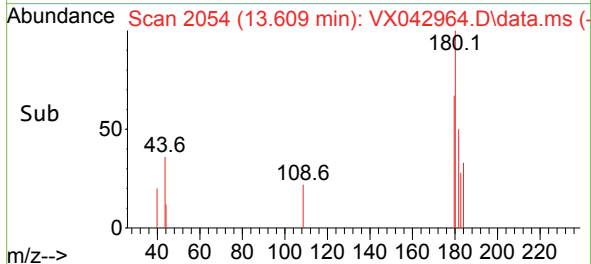
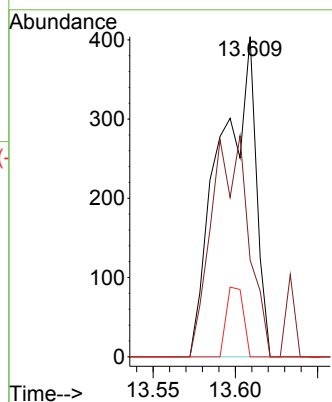
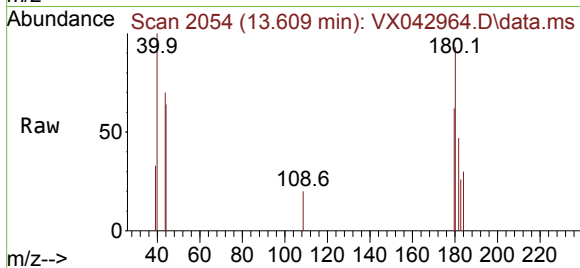
Acq: 09 Aug 2024 01:48

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	608
Ion	Ratio	Lower Upper
180	100	
182	71.2	48.3 144.8
145	10.4	18.0 54.0#



#95

Naphthalene

Concen: 0.267 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042964.D

Acq: 09 Aug 2024 01:48

Tgt Ion:128	Resp:	2062
Ion	Ratio	Lower Upper
128	100	
127	10.9	10.3 15.5
129	5.2	8.8 13.2#

