

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031682.D
 Acq On : 27 Sep 2022 05:03
 Operator : JC/MD
 Sample : N4793-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 08:15:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

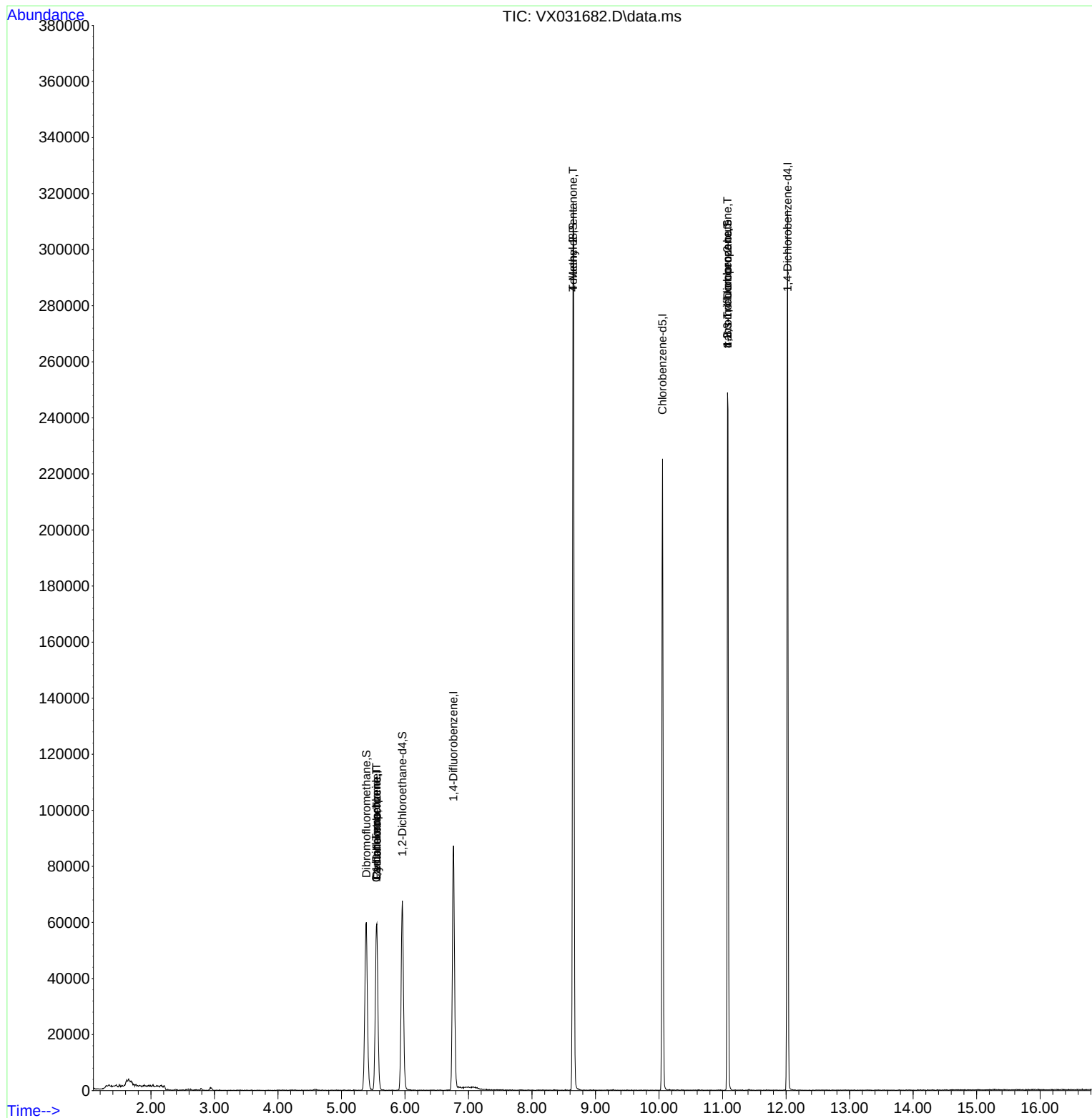
Internal Standards						
1) Pentafluorobenzene	5.556	168	56838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61650	51.105	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.220%	
35) Dibromofluoromethane	5.391	113	49549	46.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.840%	
50) Toluene-d8	8.647	98	187962	48.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	11.079	95	58905	41.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	119	Below Cal	#	41
5) Bromomethane	1.624	94	359	Below Cal	#	75
6) Chloroethane	1.672	64	258	Below Cal	#	43
7) Trichlorofluoromethane	1.892	101	22	Below Cal	#	18
11) Tert butyl alcohol	2.947	59	664	Below Cal	#	73
16) Acetone	2.398	43	557	Below Cal	#	45
17) Carbon Disulfide	2.508	76	110	Below Cal	#	75
20) Methylene Chloride	2.788	84	333	Below Cal	#	80
31) Cyclohexane	5.556	56	1395	1.216	ug/l #	55
36) 1,1-Dichloropropene	5.550	75	4676	3.815	ug/l #	50
38) Carbon Tetrachloride	5.550	117	5708	4.132	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	871	0.707	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33125	30.068	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33125	99.101	ug/l #	11

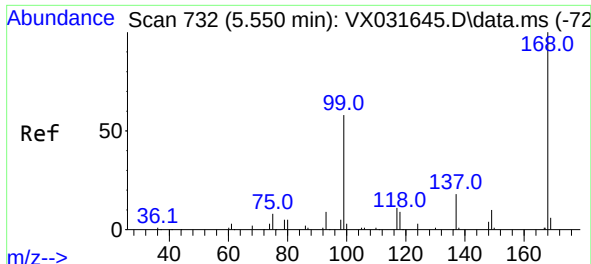
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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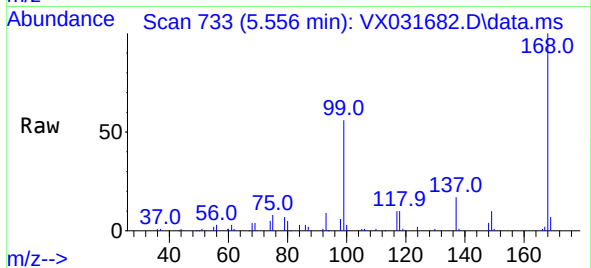
Quant Time: Sep 27 08:15:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
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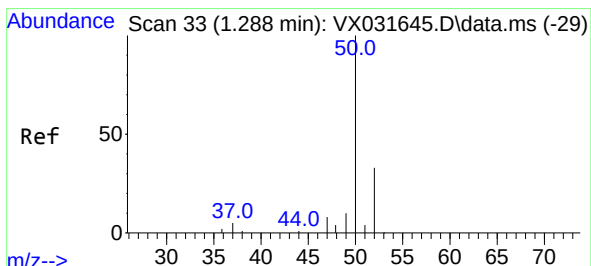
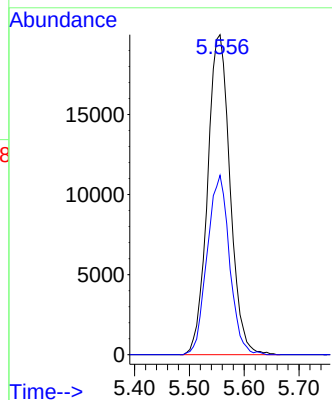
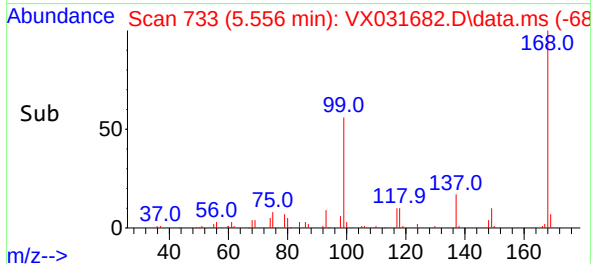


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :

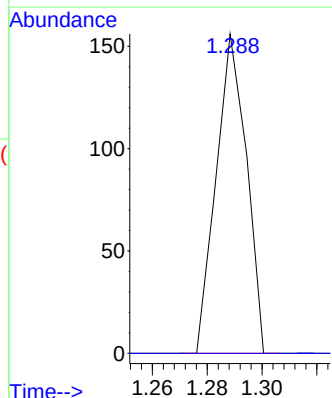
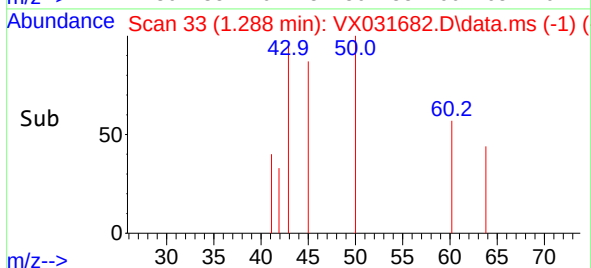
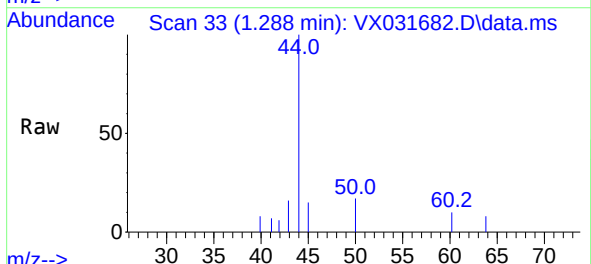


Tgt Ion:168 Resp: 56838
Ion Ratio Lower Upper
168 100
99 56.0 48.8 73.2

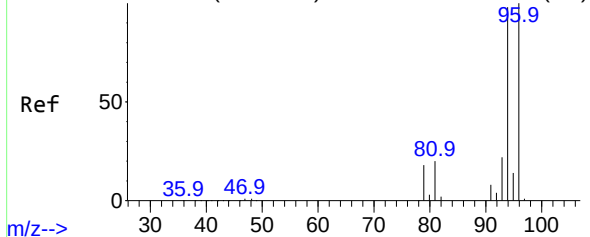


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion: 50 Resp: 119
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.624 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

Instrument :

MSVOA_X

ClientSampleId :

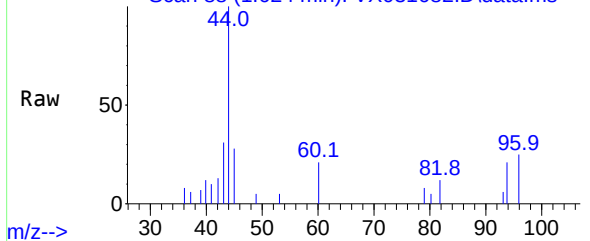
Tgt Ion: 94 Resp: 359

Ion Ratio Lower Upper

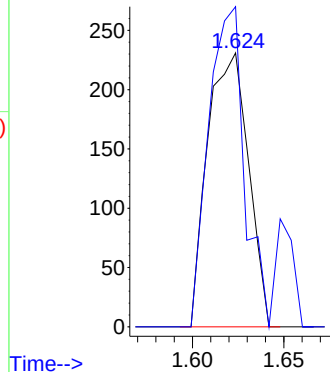
94 100

96 116.9 74.4 111.6#

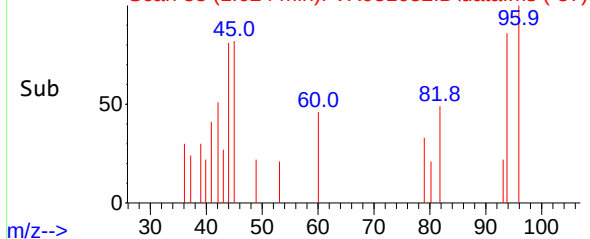
Abundance Scan 88 (1.624 min): VX031682.D\data.ms



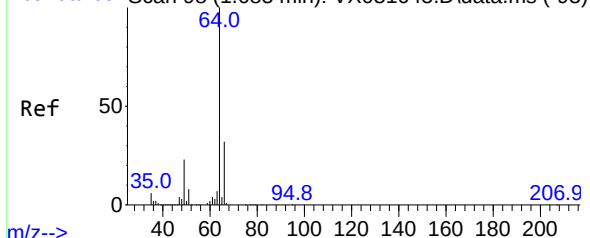
Abundance



Abundance Scan 88 (1.624 min): VX031682.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 96

Delta R.T. -0.013 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

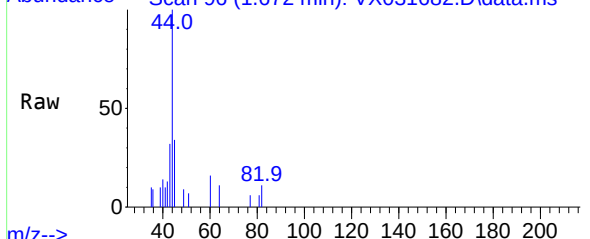
Tgt Ion: 64 Resp: 258

Ion Ratio Lower Upper

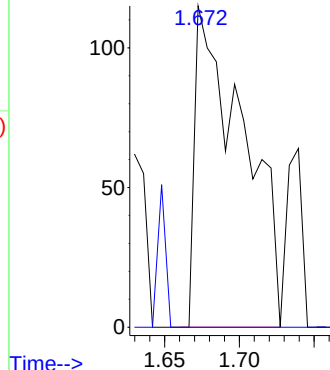
64 100

66 0.0 25.0 37.4#

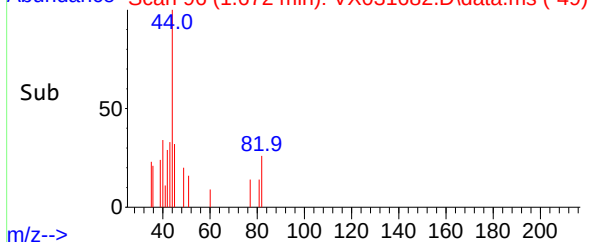
Abundance Scan 96 (1.672 min): VX031682.D\data.ms

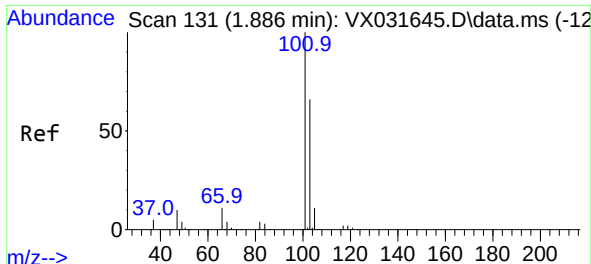


Abundance



Abundance Scan 96 (1.672 min): VX031682.D\data.ms (-49)

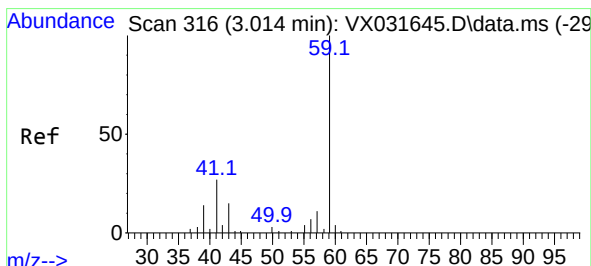
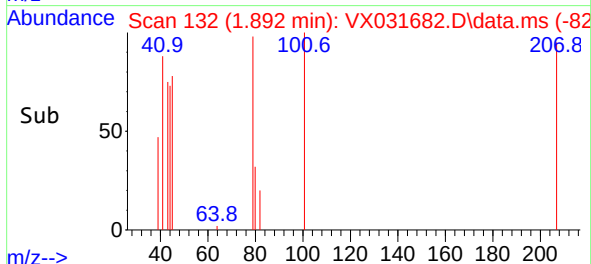
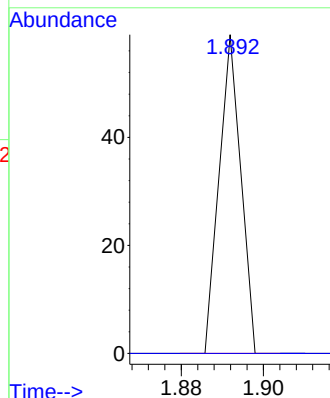
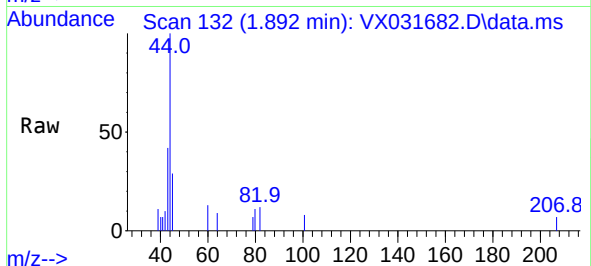




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

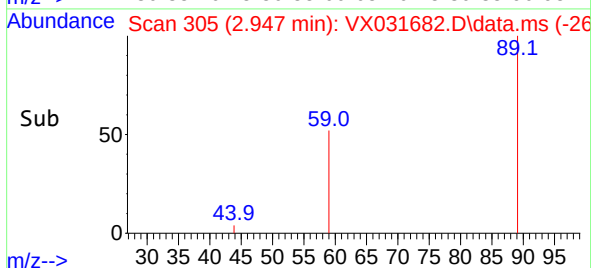
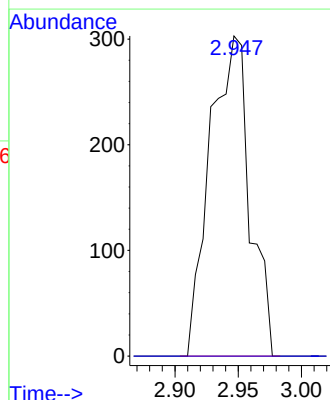
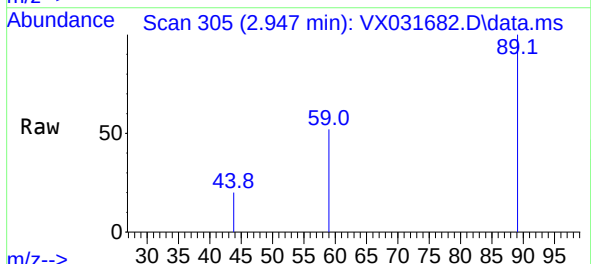
Instrument :
MSVOA_X
ClientSampleId :

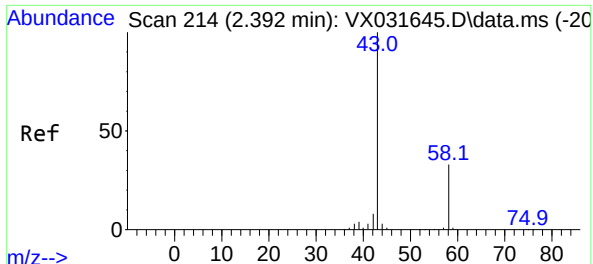
Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion: 59 Resp: 664
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

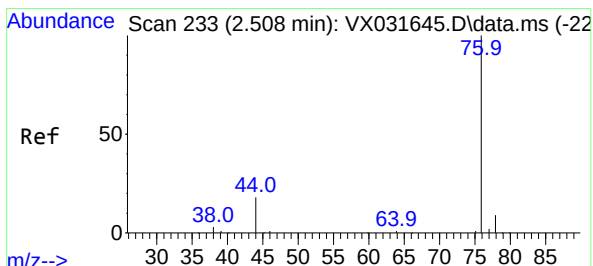
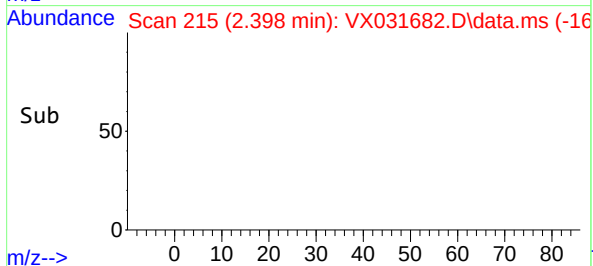
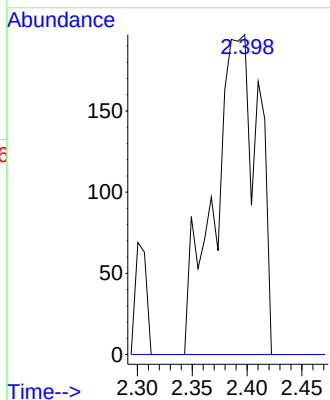
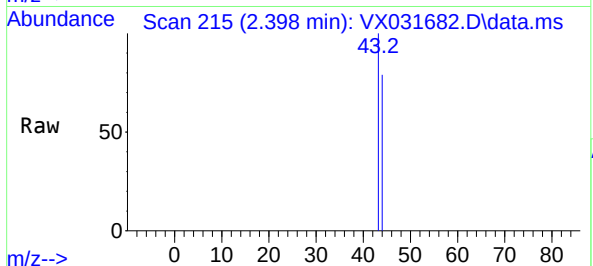




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

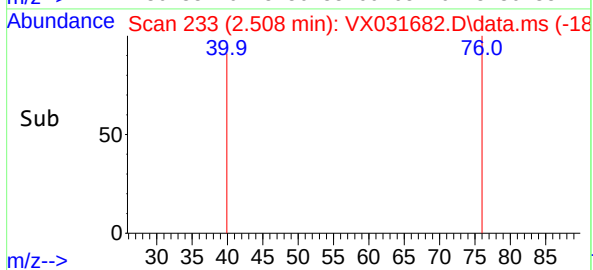
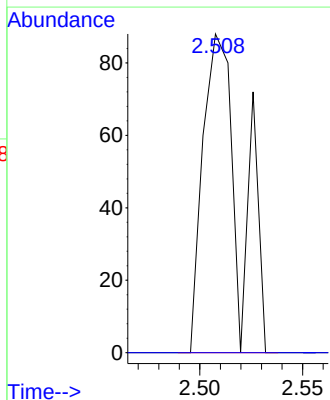
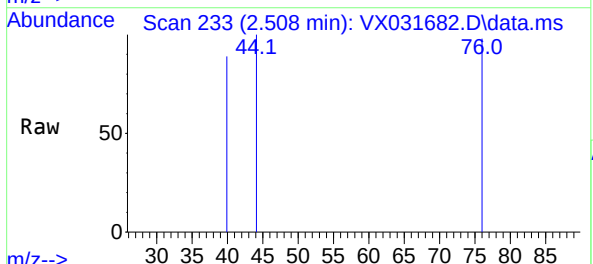
Instrument :
MSVOA_X
ClientSampleId :

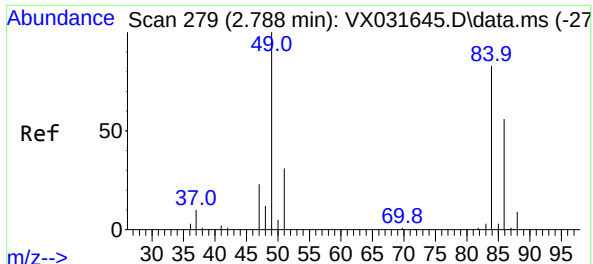
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion: 76 Resp: 110
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

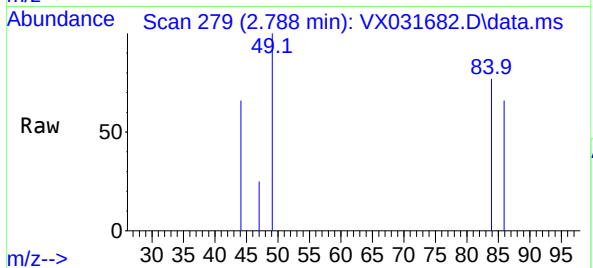
Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 333

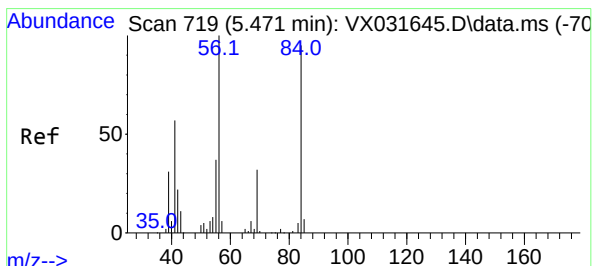
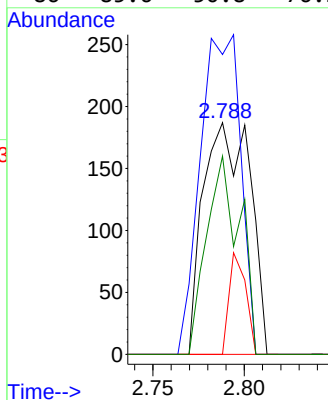
Ion Ratio Lower Upper

84 100

49 129.4 105.9 158.9

51 0.0 32.2 48.2#

86 85.6 50.8 76.2#



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

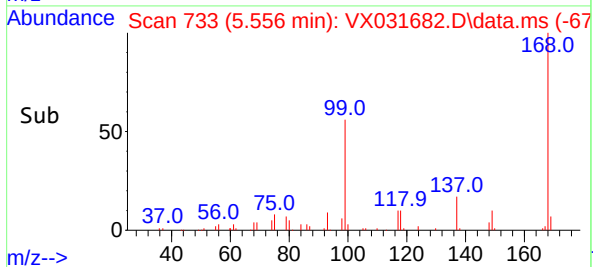
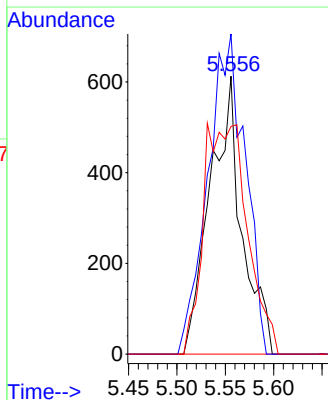
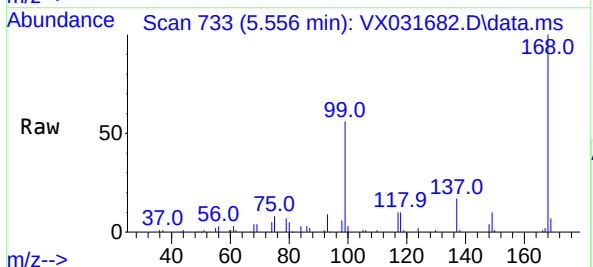
Tgt Ion: 56 Resp: 1395

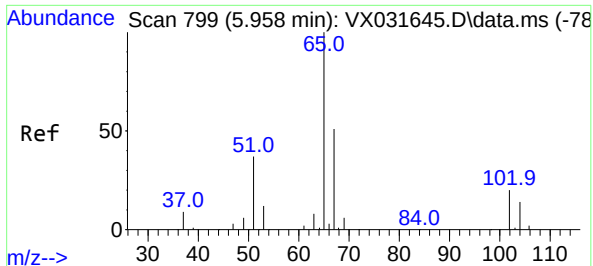
Ion Ratio Lower Upper

56 100

69 115.2 25.1 37.7#

84 81.9 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 51.105 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

Instrument :

MSVOA_X

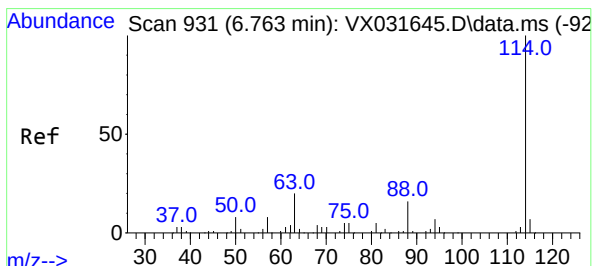
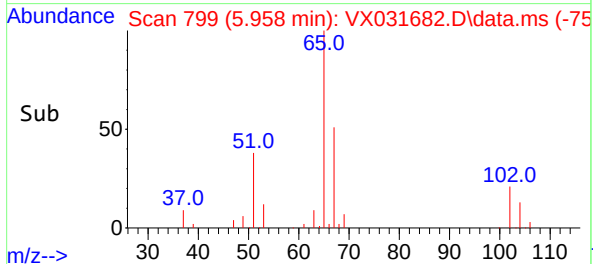
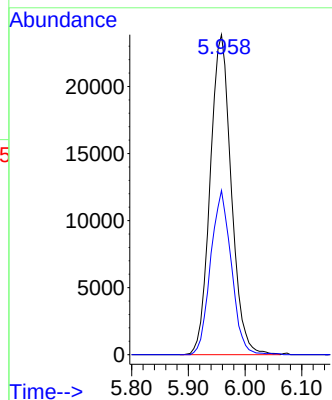
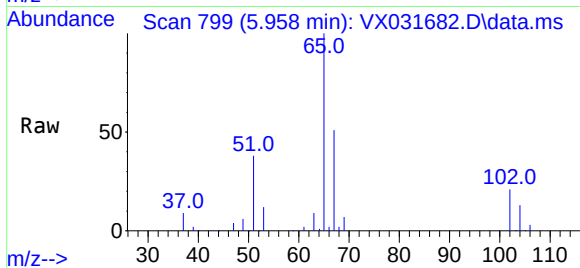
ClientSampleId :

Tgt Ion: 65 Resp: 61650

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

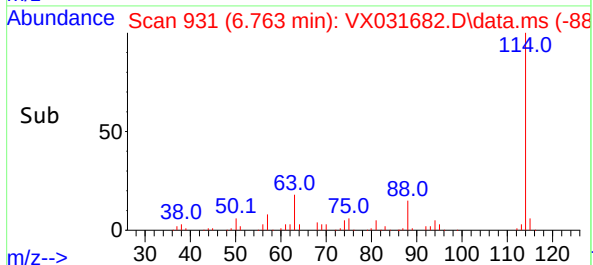
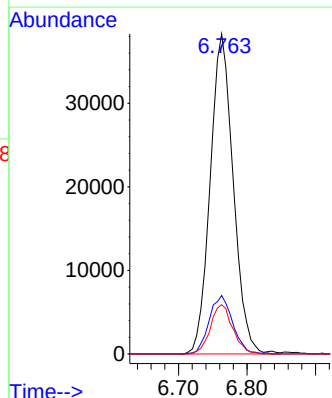
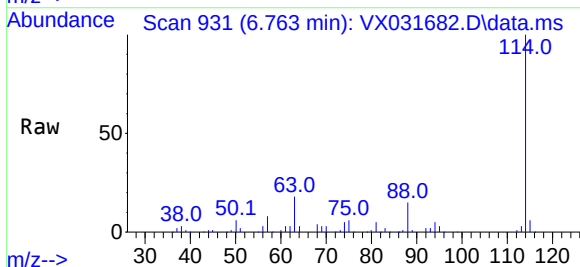
Tgt Ion: 114 Resp: 89582

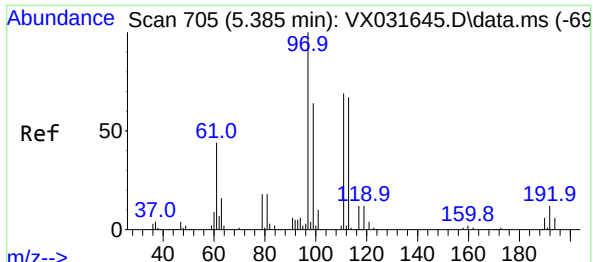
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

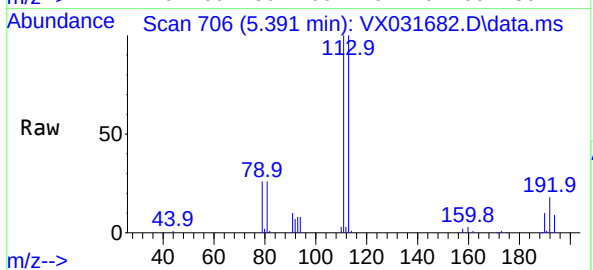
88 15.4 0.0 33.0



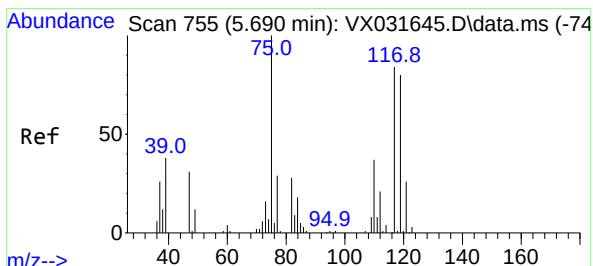
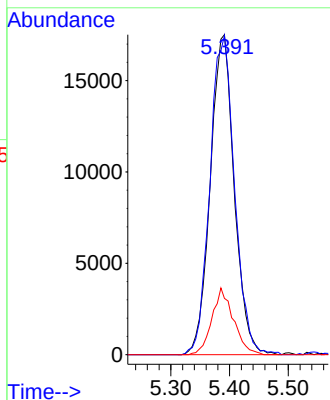
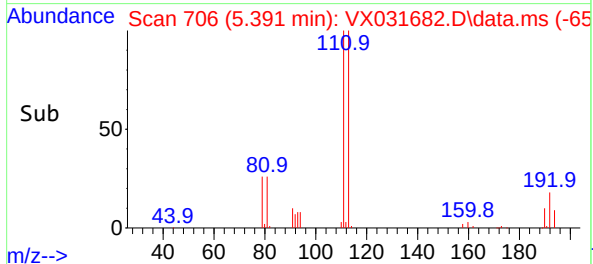


#35
Dibromofluoromethane
Concen: 46.421 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

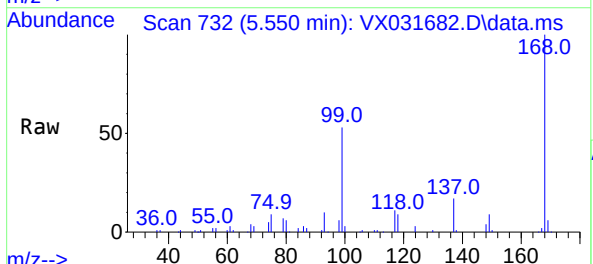
Instrument :
MSVOA_X
ClientSampleId :



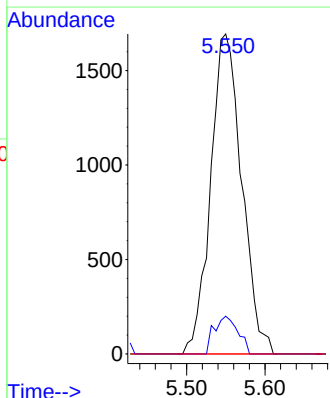
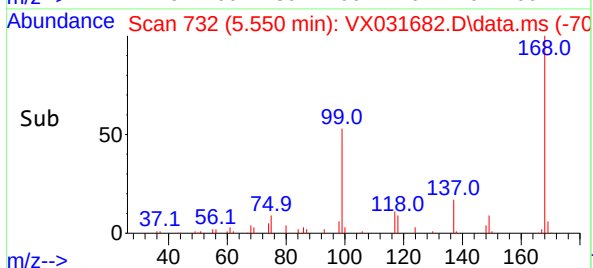
Tgt Ion:113 Resp: 49549
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.8 14.1 21.1

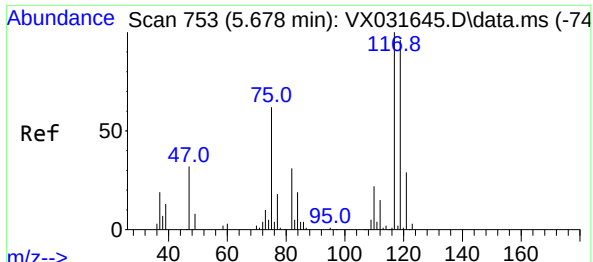


#36
1,1-Dichloropropene
Concen: 3.815 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03



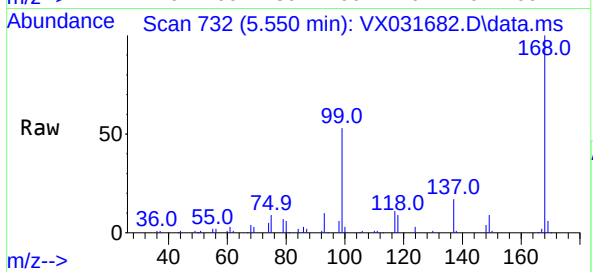
Tgt Ion: 75 Resp: 4676
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.9 37.3#



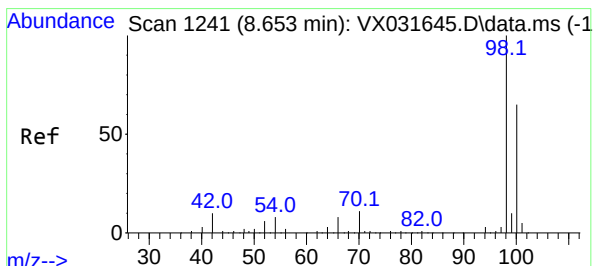
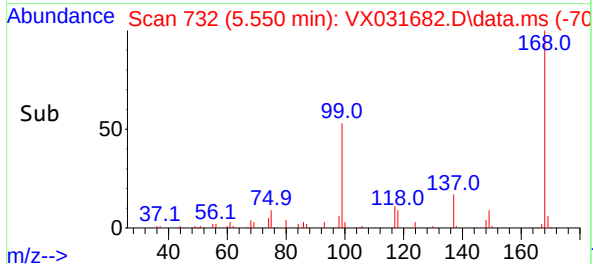
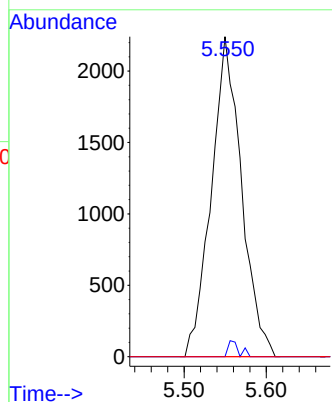


#38
Carbon Tetrachloride
Concen: 4.132 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :

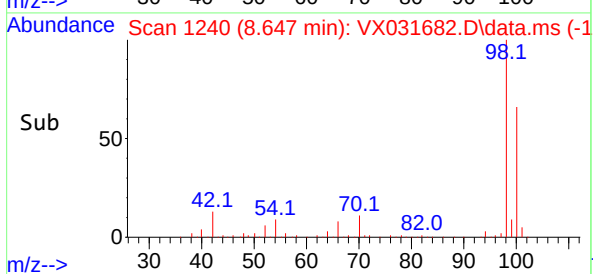
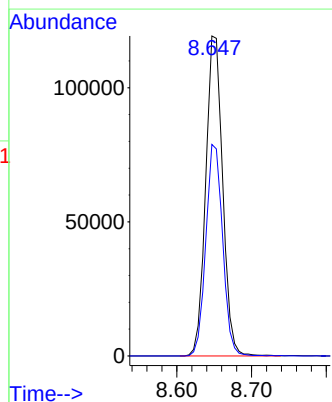
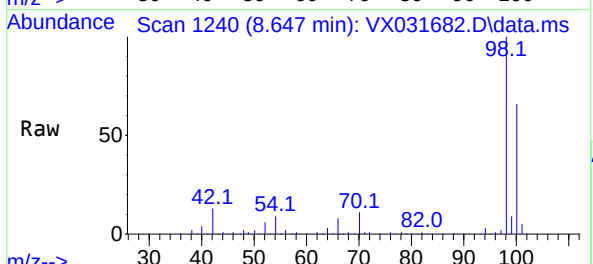


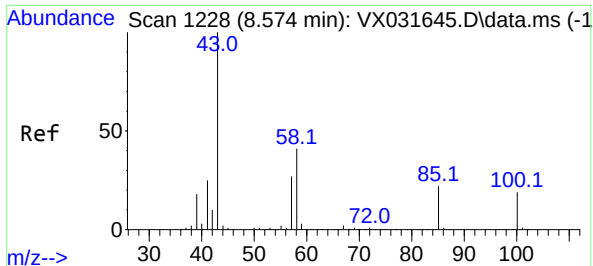
Tgt Ion:117 Resp: 5708
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion: 98 Resp: 187962
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.707 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

Instrument :

MSVOA_X

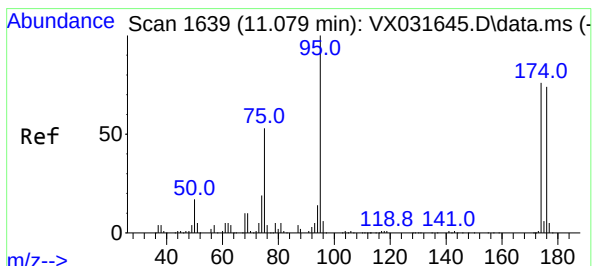
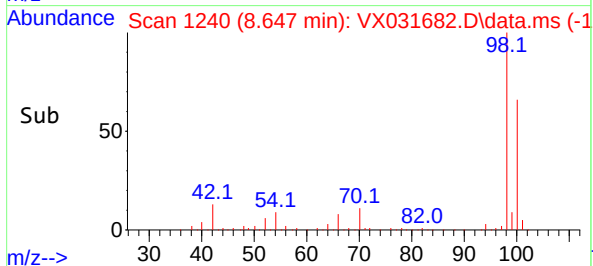
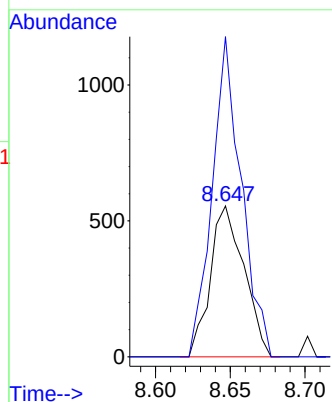
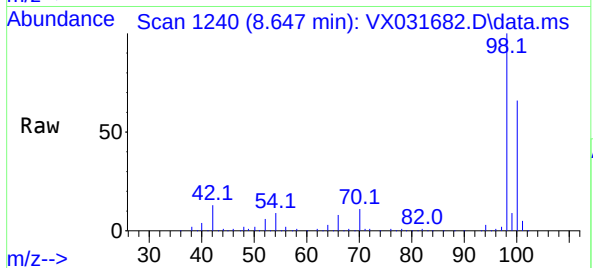
ClientSampleId :

Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

58 183.4 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 41.531 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031682.D

Acq: 27 Sep 2022 05:03

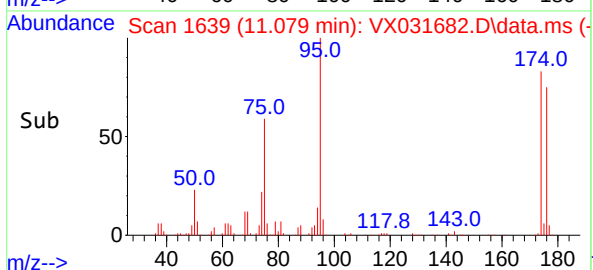
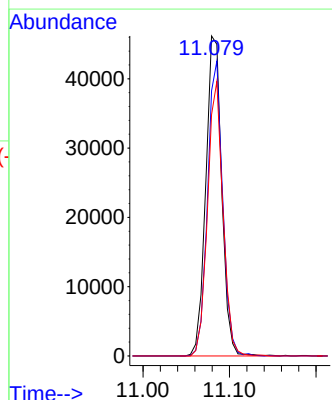
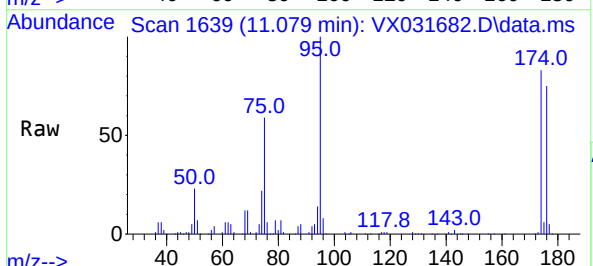
Tgt Ion: 95 Resp: 58905

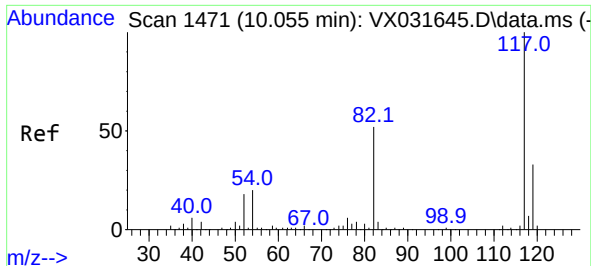
Ion Ratio Lower Upper

95 100

174 88.1 0.0 153.2

176 83.2 0.0 144.0

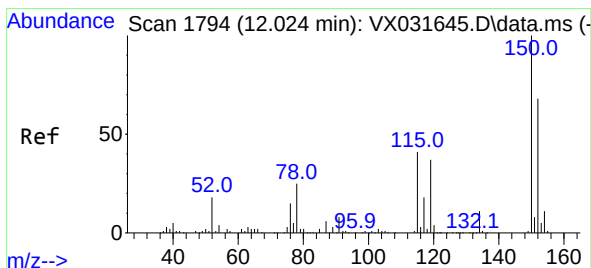
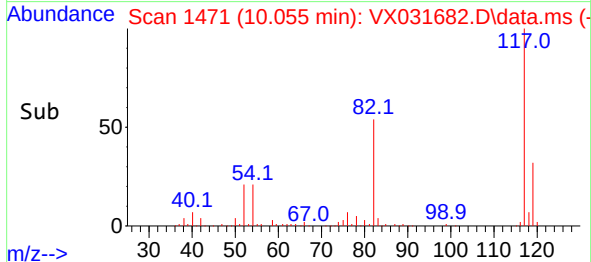
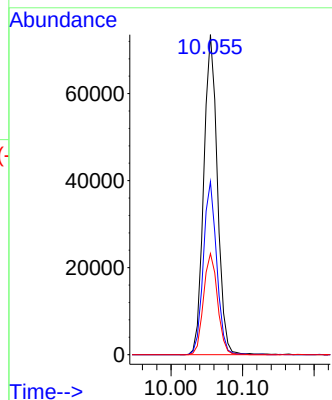
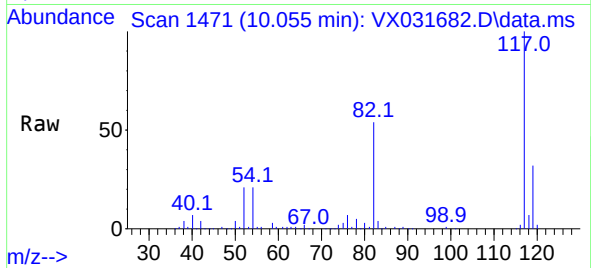




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

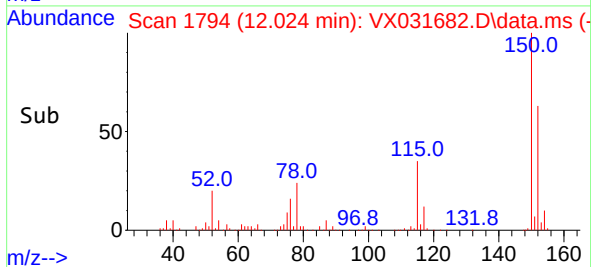
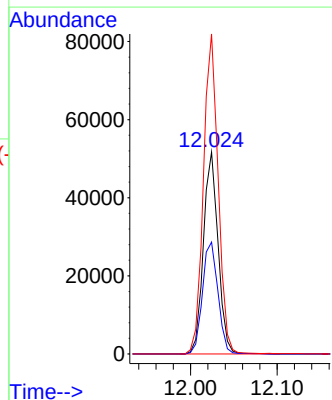
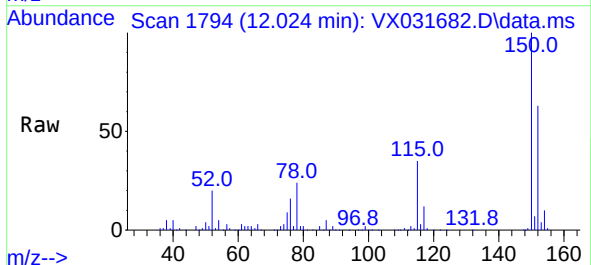
Instrument :
MSVOA_X
ClientSampleId :

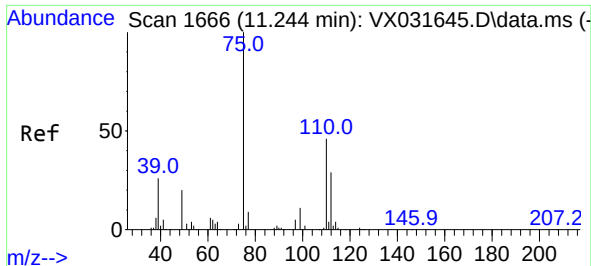
Tgt Ion:117 Resp: 97548
Ion Ratio Lower Upper
117 100
82 54.1 46.8 70.2
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion:152 Resp: 60768
Ion Ratio Lower Upper
152 100
115 58.6 43.4 130.1
150 159.2 0.0 346.8

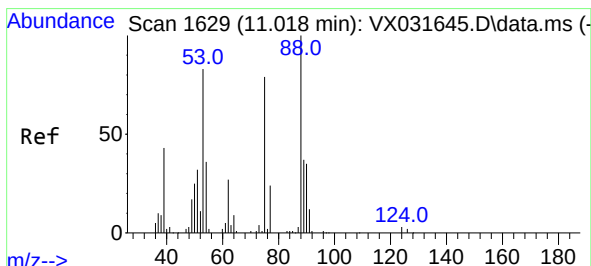
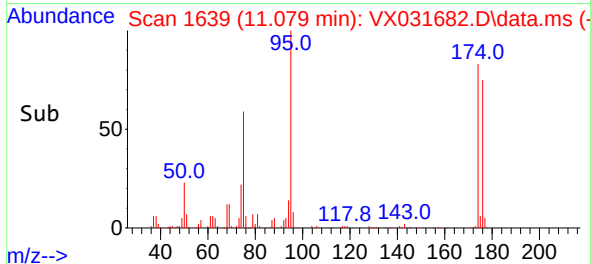
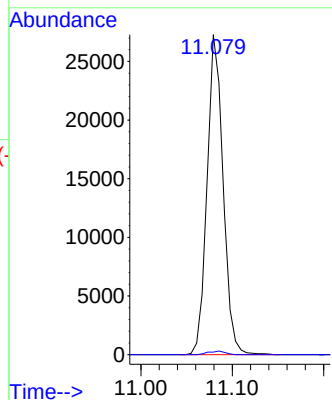
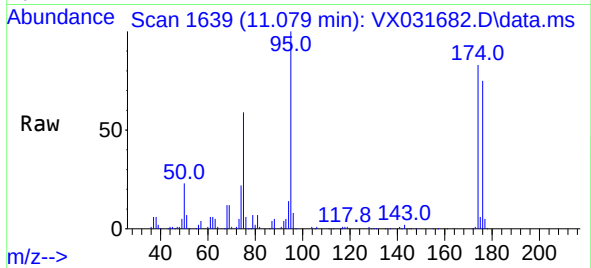




#76
1,2,3-Trichloropropane
Concen: 30.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33125
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031682.D
Acq: 27 Sep 2022 05:03

Tgt Ion: 75 Resp: 33125
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

