

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031685.D
 Acq On : 27 Sep 2022 06:13
 Operator : JC/MD
 Sample : N4793-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 08:16:06 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)

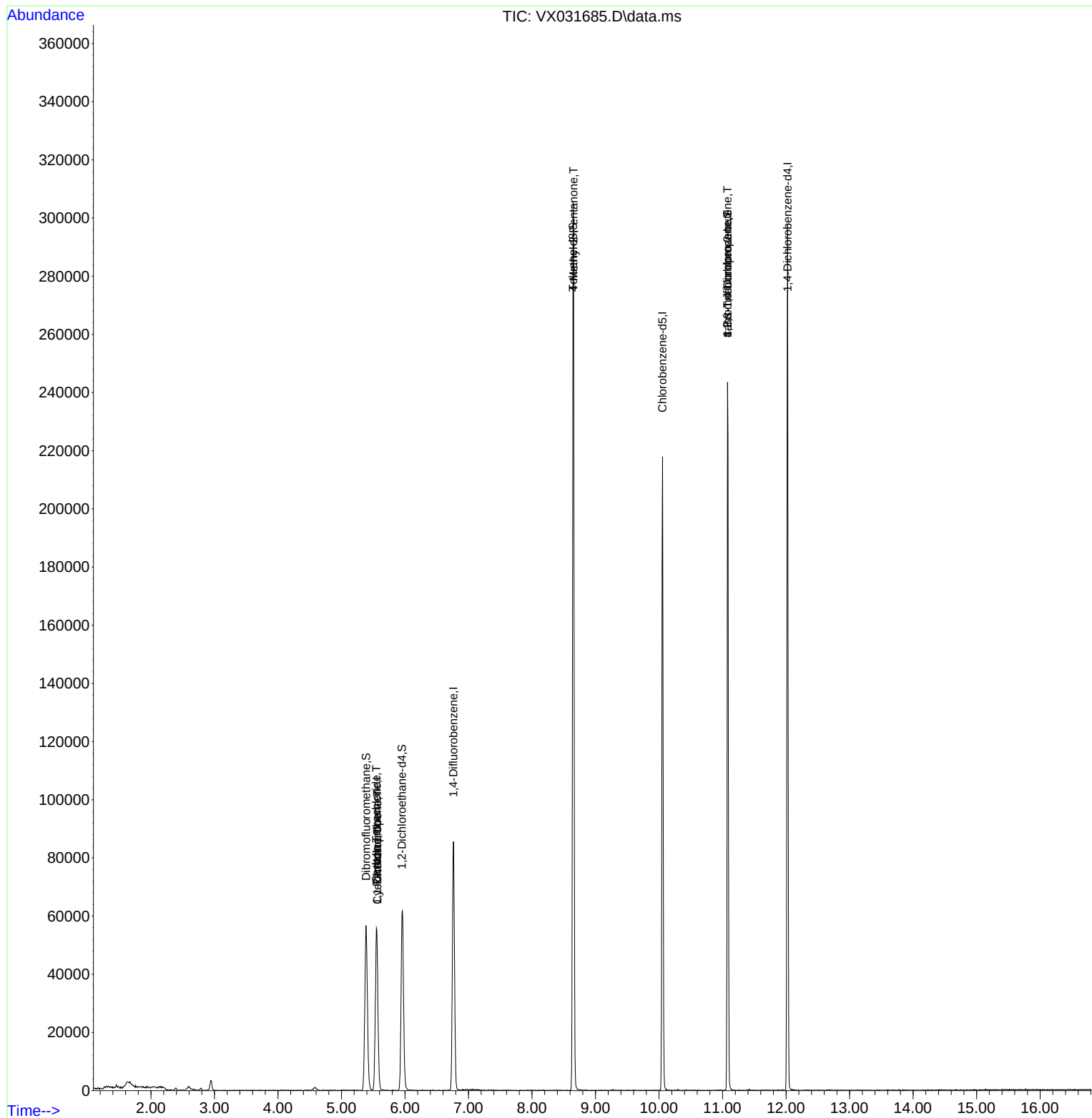
Internal Standards						
1) Pentafluorobenzene	5.556	168	51694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58377	53.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.420%	
35) Dibromofluoromethane	5.385	113	45896	44.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.360%	
50) Toluene-d8	8.647	98	182713	49.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	57217	41.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.840%	
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	133	Below Cal	#	41
5) Bromomethane	1.618	94	418	Below Cal		82
6) Chloroethane	1.624	64	48	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	2103	Below Cal	#	73
13) Acrolein	2.111	56	22	Below Cal	#	15
16) Acetone	2.392	43	794	Below Cal		91
17) Carbon Disulfide	2.514	76	119	Below Cal	#	75
20) Methylene Chloride	2.794	84	342	Below Cal	#	86
31) Cyclohexane	5.562	56	1172	1.123	ug/l #	56
36) 1,1-Dichloropropene	5.562	75	4218	3.576	ug/l #	51
38) Carbon Tetrachloride	5.550	117	5500	4.137	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	845	0.713	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32042	30.223	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32042	99.596	ug/l #	11

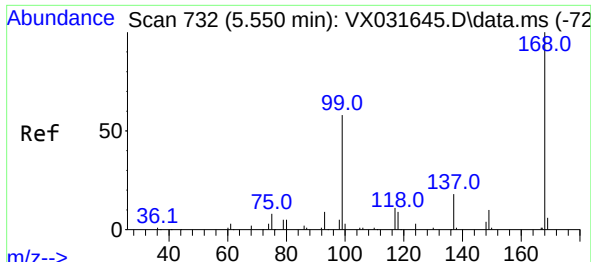
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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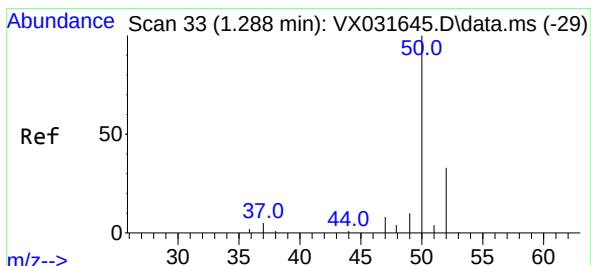
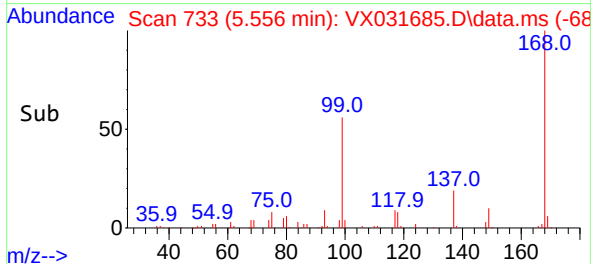
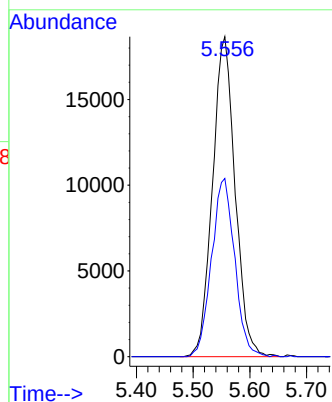
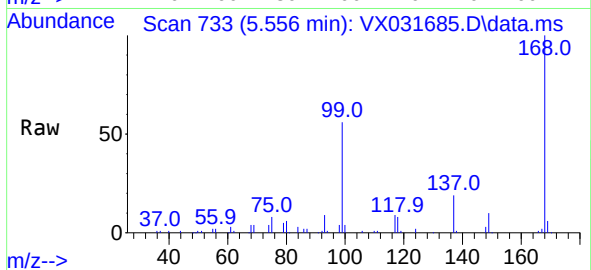




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

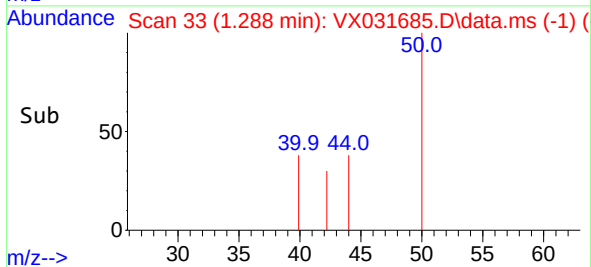
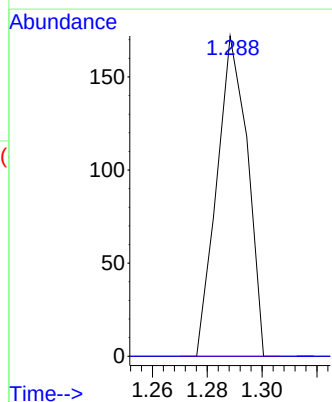
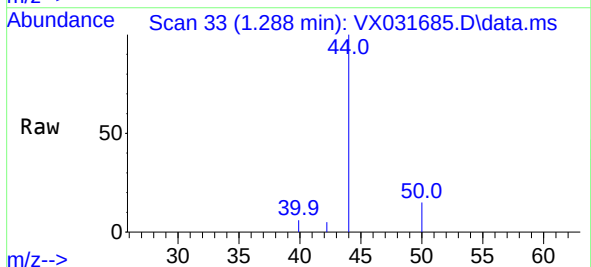
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 51694
Ion Ratio Lower Upper
168 100
99 55.7 48.8 73.2

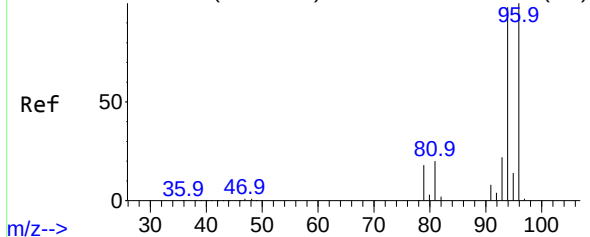


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Tgt Ion: 50 Resp: 133
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: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Instrument :

MSVOA_X

ClientSampleId :

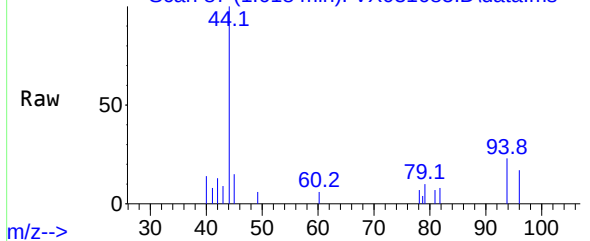
Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

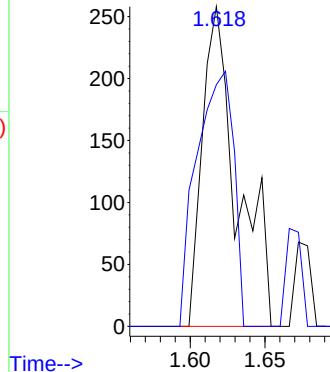
94 100

96 75.6 74.4 111.6

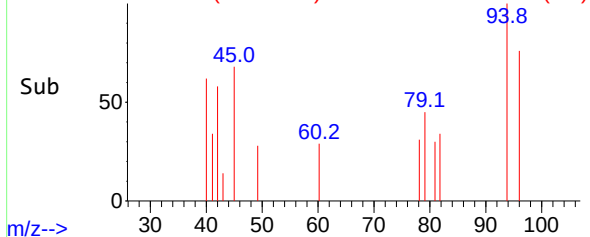
Abundance Scan 87 (1.618 min): VX031685.D\data.ms



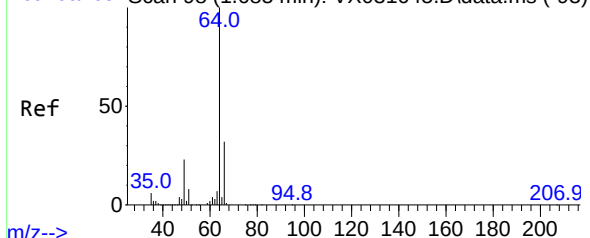
Abundance



Abundance Scan 87 (1.618 min): VX031685.D\data.ms (-37)



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



#6

Chloroethane

Concen: Below Cal

RT: 1.624 min Scan# 88

Delta R.T. -0.061 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

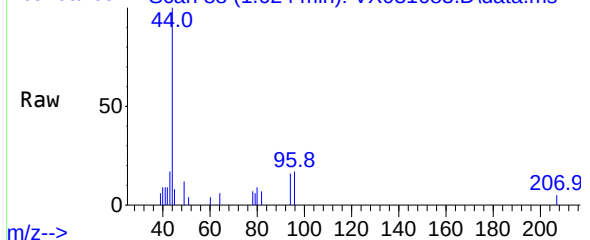
Tgt Ion: 64 Resp: 48

Ion Ratio Lower Upper

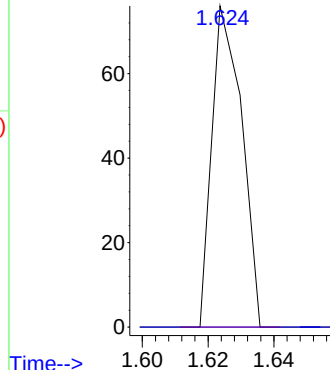
64 100

66 0.0 25.0 37.4#

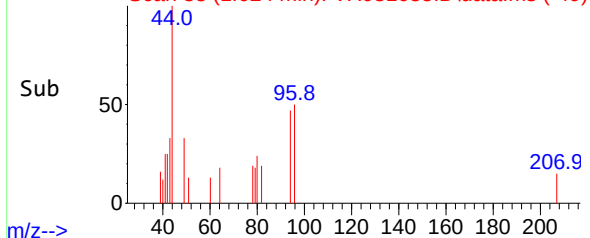
Abundance Scan 88 (1.624 min): VX031685.D\data.ms

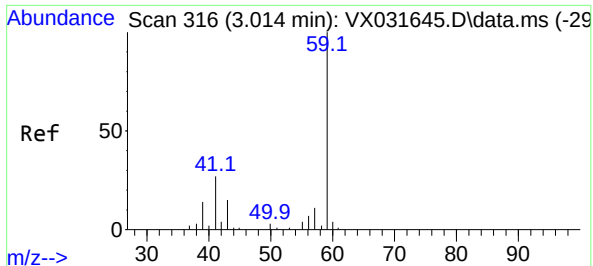


Abundance



Abundance Scan 88 (1.624 min): VX031685.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.049 min

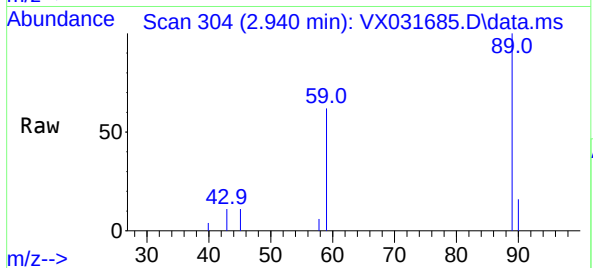
Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Instrument :

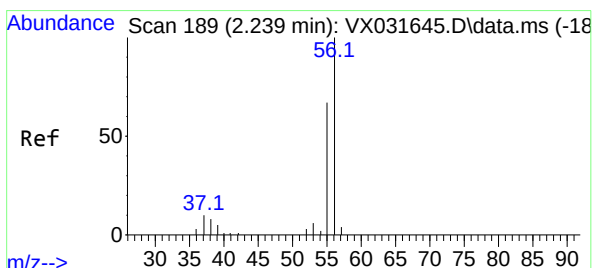
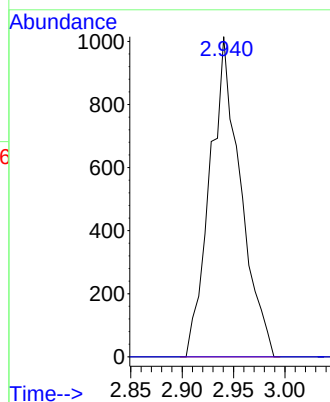
MSVOA_X

ClientSampleId :



Tgt Ion: 59 Resp: 2103

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.111 min Scan# 168

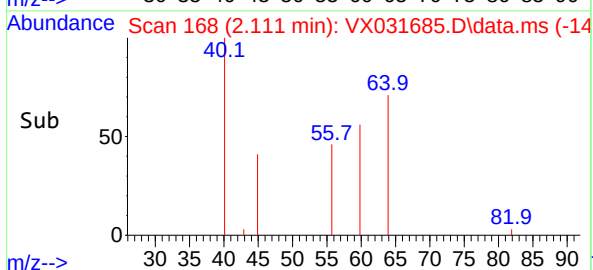
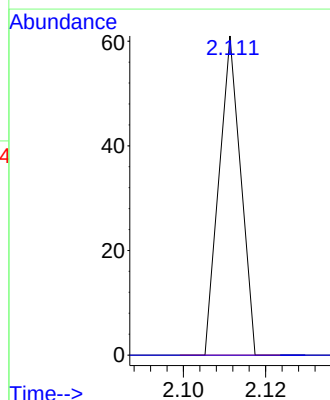
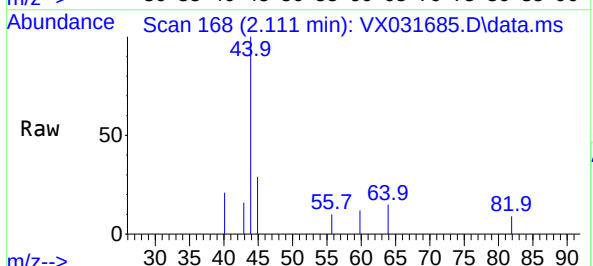
Delta R.T. -0.128 min

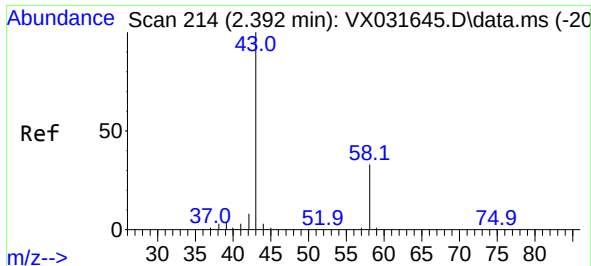
Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Tgt Ion: 56 Resp: 22

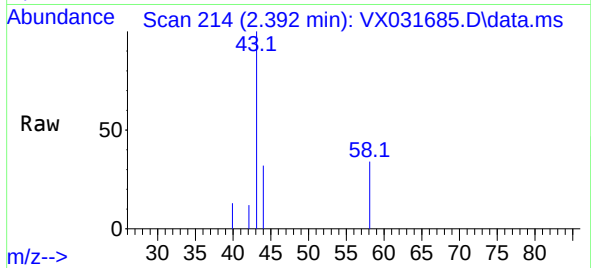
Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.0	84.0#



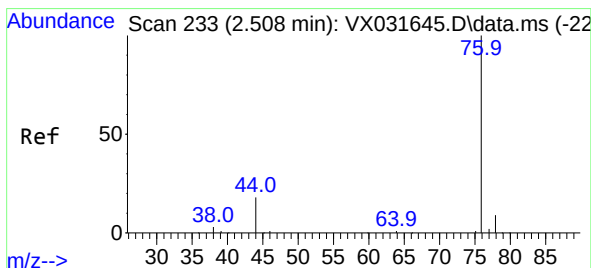
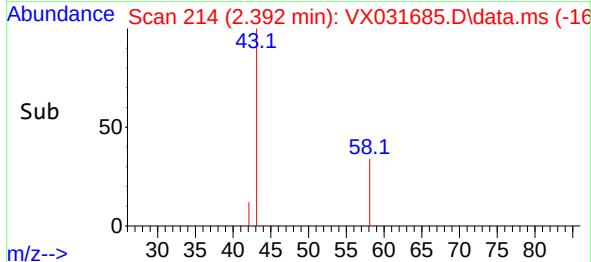
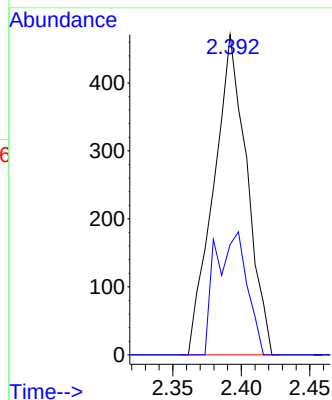


#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :

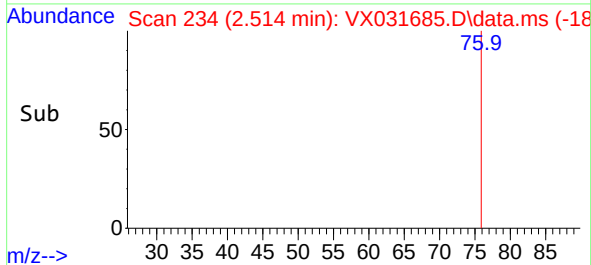
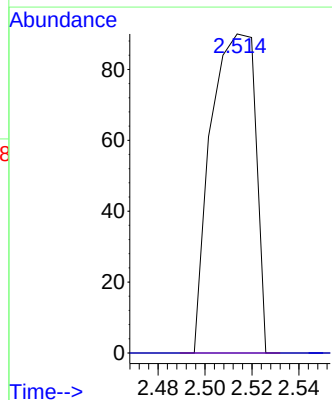
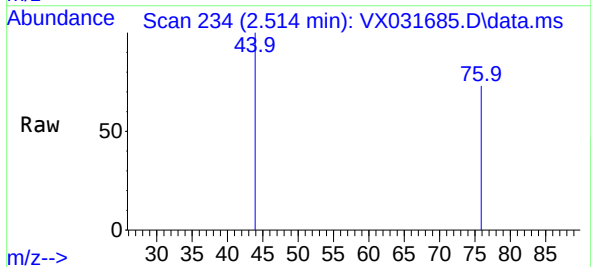


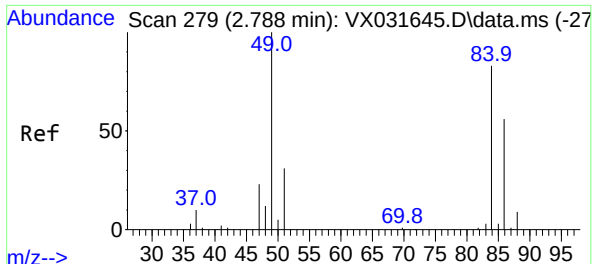
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 34.4 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Tgt Ion: 76 Resp: 119
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

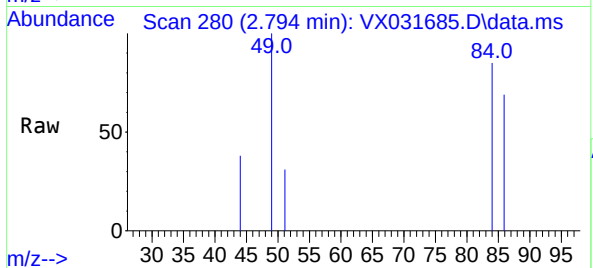
Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 342

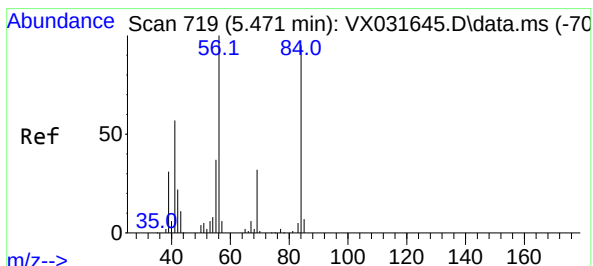
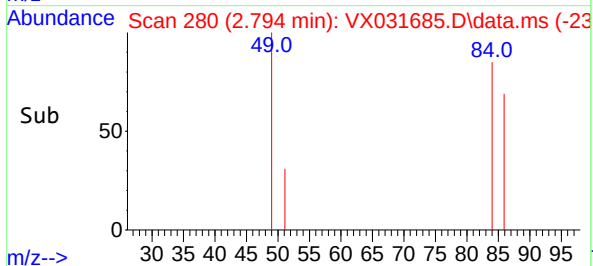
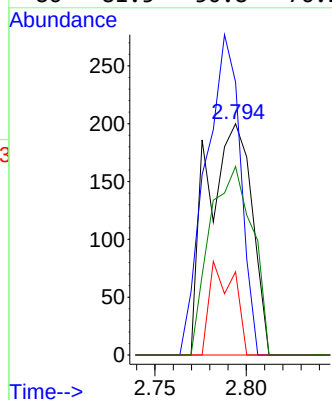
Ion Ratio Lower Upper

84 100

49 118.0 105.9 158.9

51 36.0 32.2 48.2

86 81.5 50.8 76.2#



#31

Cyclohexane

Concen: 1.123 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

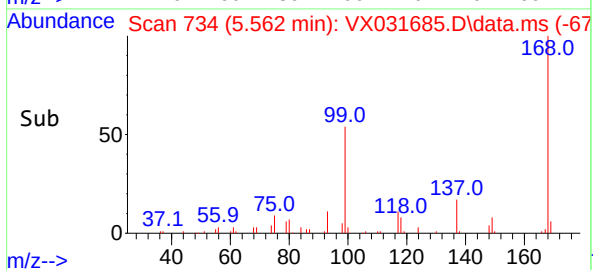
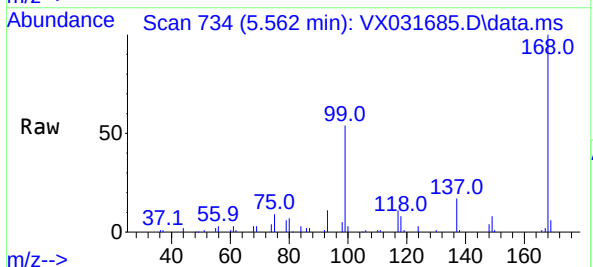
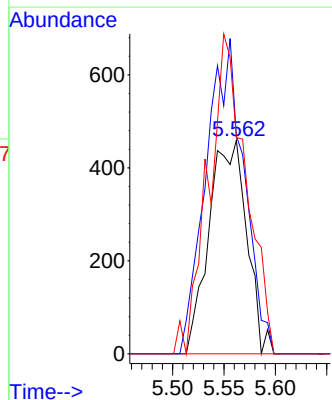
Tgt Ion: 56 Resp: 1172

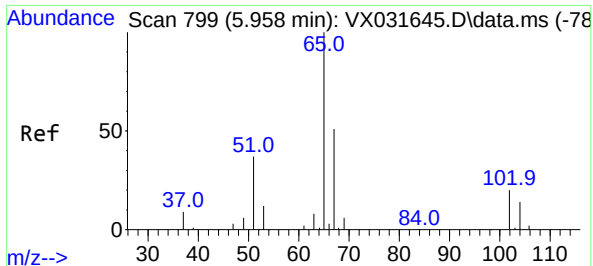
Ion Ratio Lower Upper

56 100

69 102.2 25.1 37.7#

84 101.3 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 53.207 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Instrument :

MSVOA_X

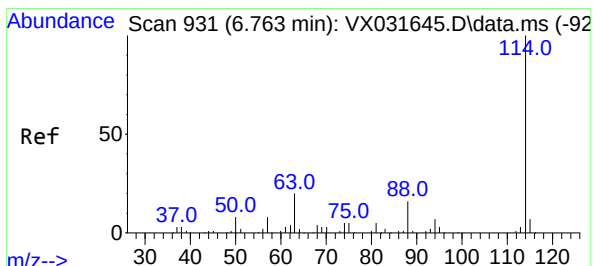
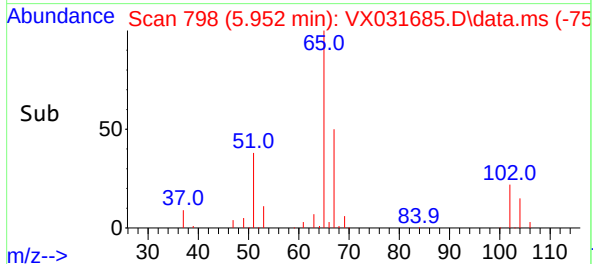
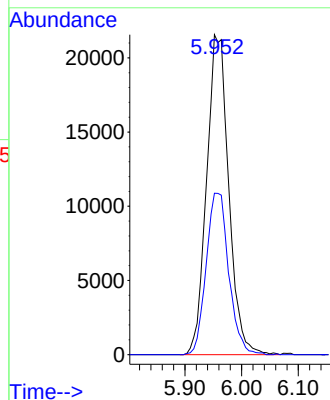
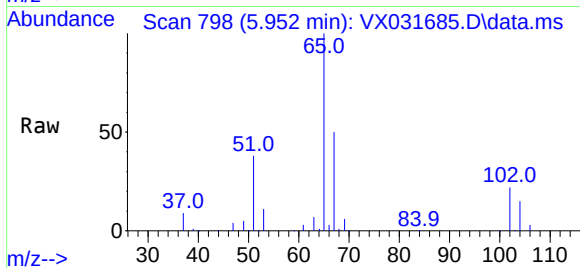
ClientSampleId :

Tgt Ion: 65 Resp: 58377

Ion Ratio Lower Upper

65 100

67 51.6 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: VX031685.D

Acq: 27 Sep 2022 06:13

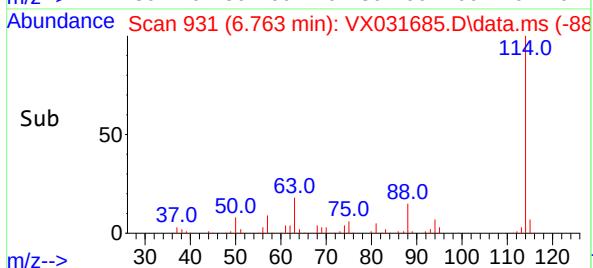
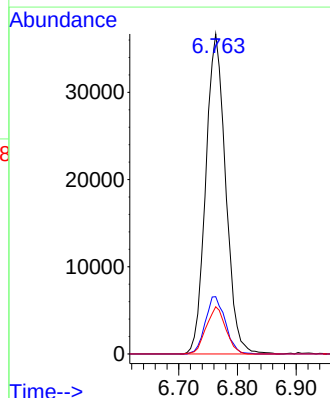
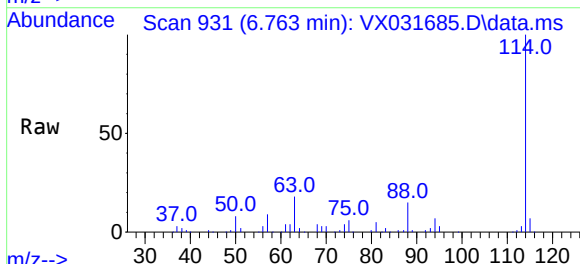
Tgt Ion: 114 Resp: 86203

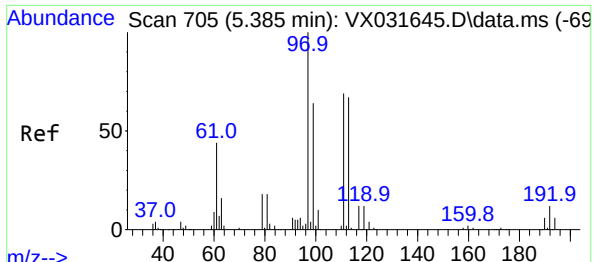
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.6

88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.684 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

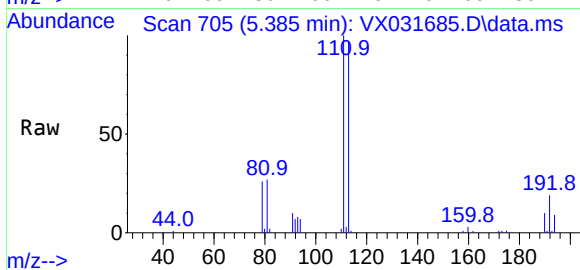
Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

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MSVOA_X

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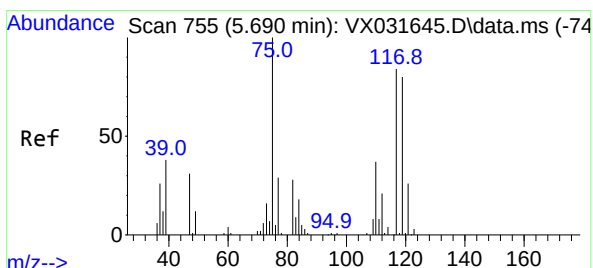
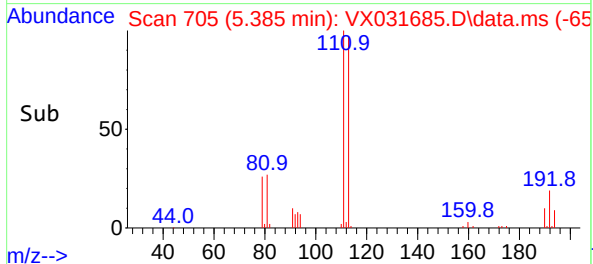
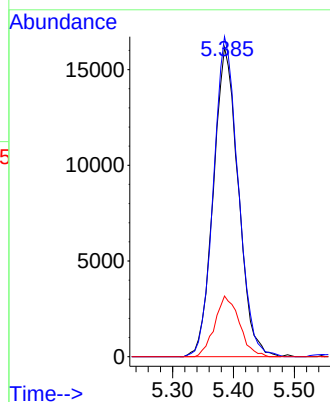
Tgt Ion:113 Resp: 45896

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.576 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

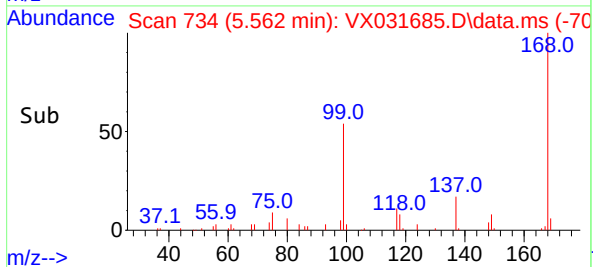
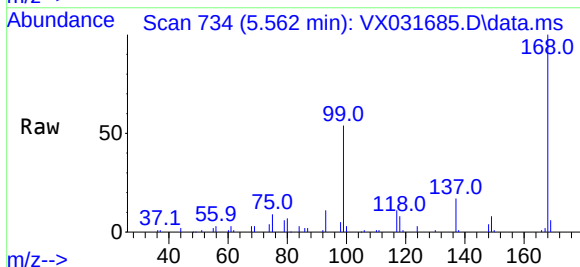
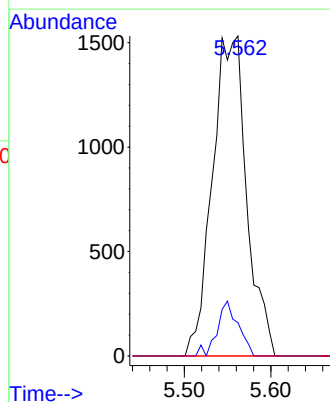
Tgt Ion: 75 Resp: 4218

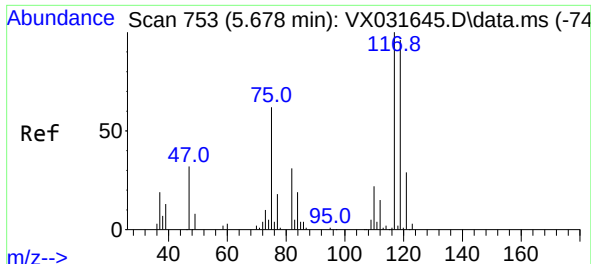
Ion Ratio Lower Upper

75 100

110 10.4 17.5 52.5#

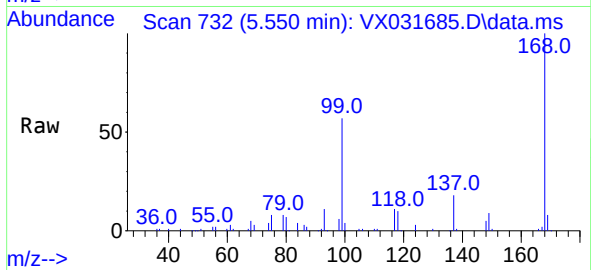
77 0.0 24.9 37.3#



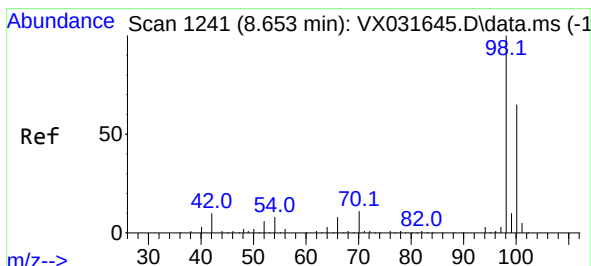
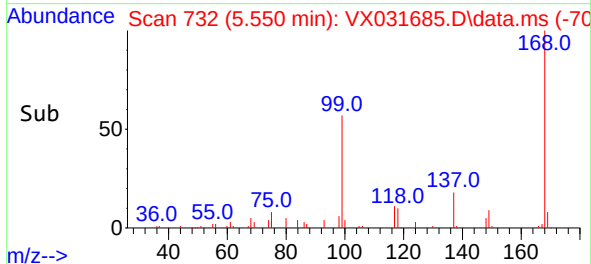
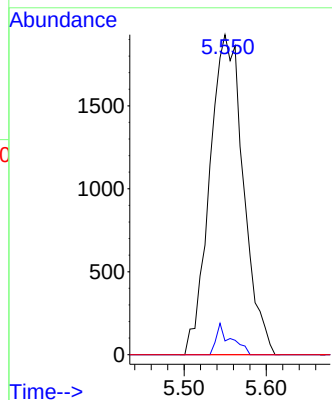


#38
Carbon Tetrachloride
Concen: 4.137 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :

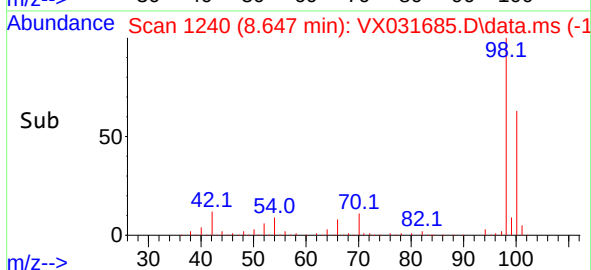
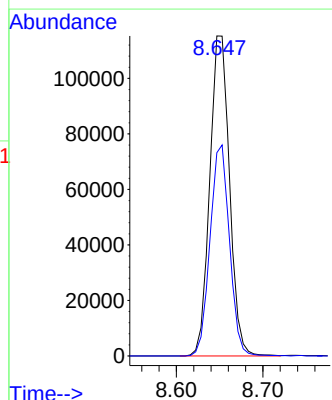
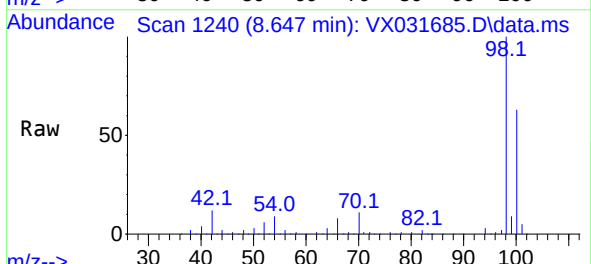


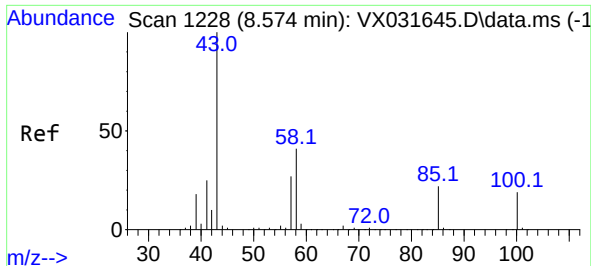
Tgt Ion:117 Resp: 5500
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.067 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Tgt Ion: 98 Resp: 182713
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.713 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

Instrument :

MSVOA_X

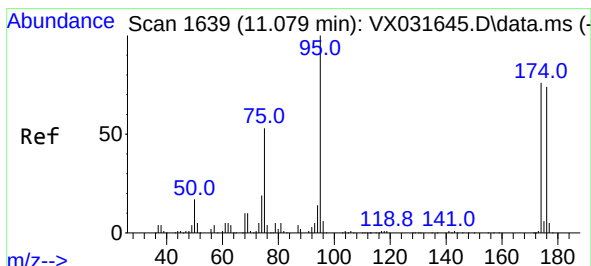
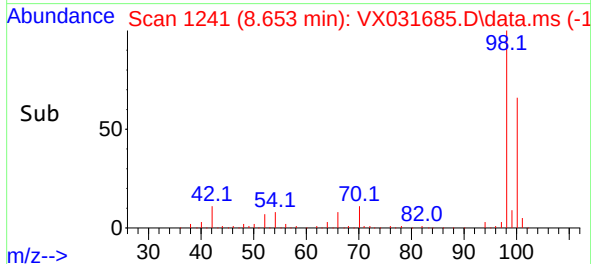
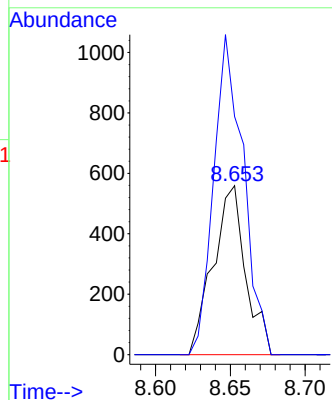
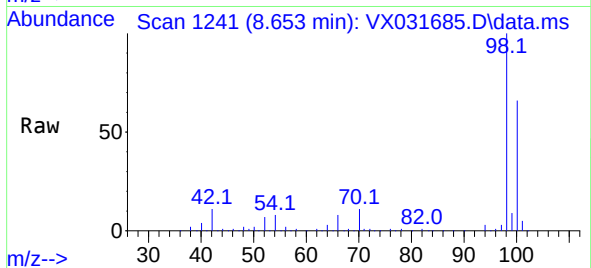
ClientSampleId :

Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

43 100

58 173.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 41.923 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031685.D

Acq: 27 Sep 2022 06:13

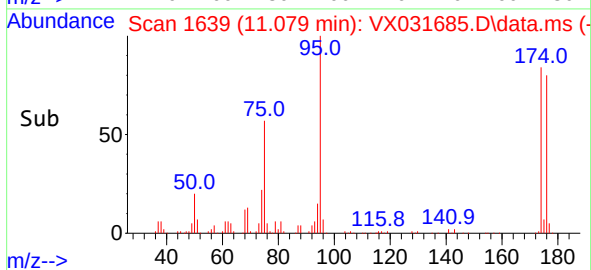
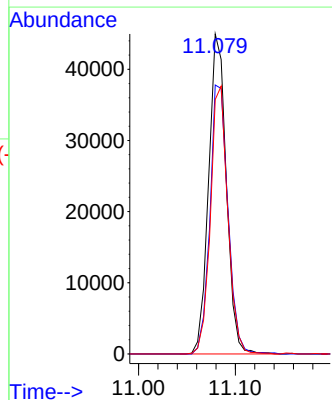
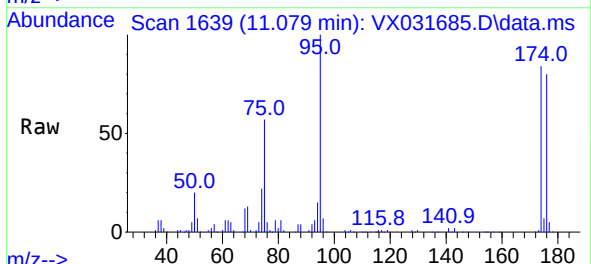
Tgt Ion: 95 Resp: 57217

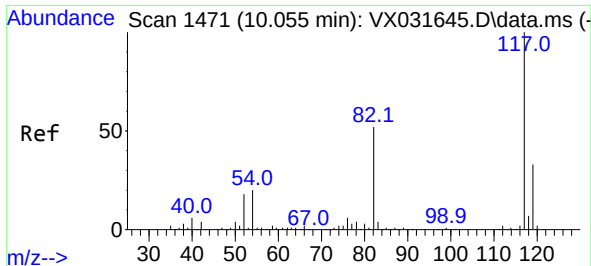
Ion Ratio Lower Upper

95 100

174 85.7 0.0 153.2

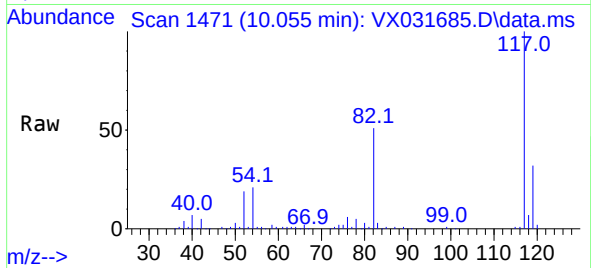
176 82.2 0.0 144.0



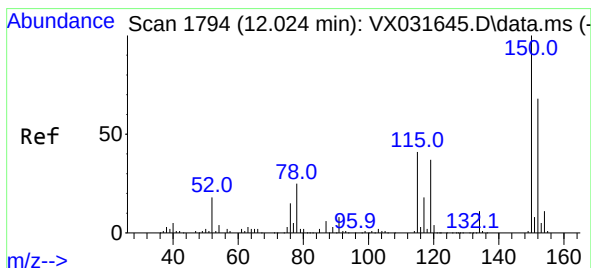
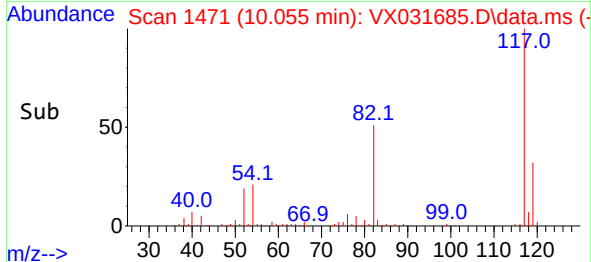
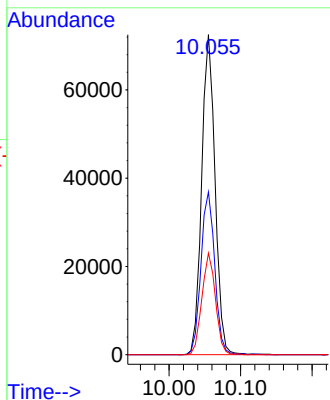


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :

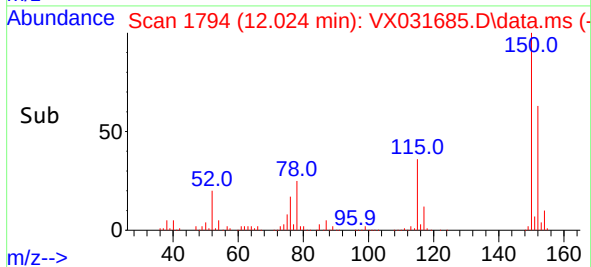
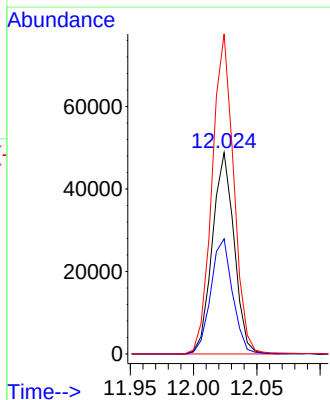
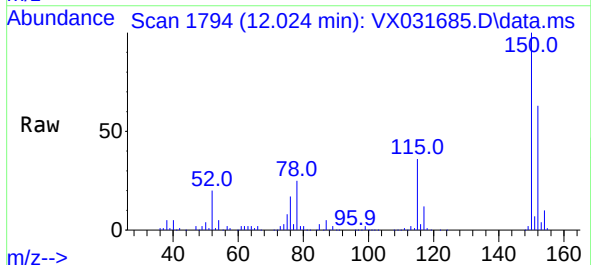


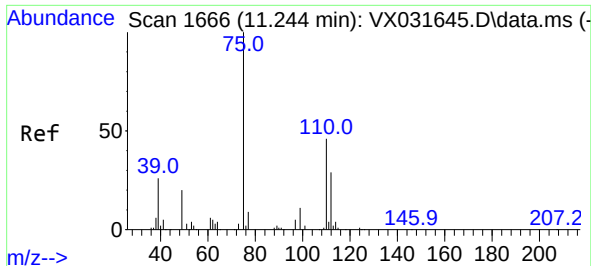
Tgt Ion:117 Resp: 94450
Ion Ratio Lower Upper
117 100
82 50.8 46.8 70.2
119 31.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Tgt Ion:152 Resp: 58480
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 158.1 0.0 346.8

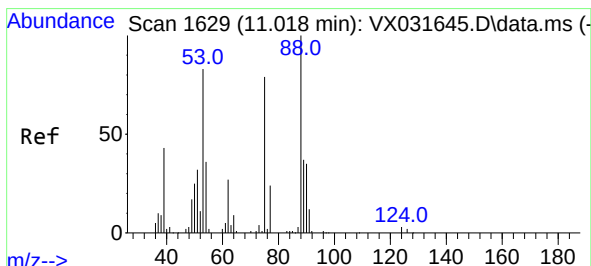
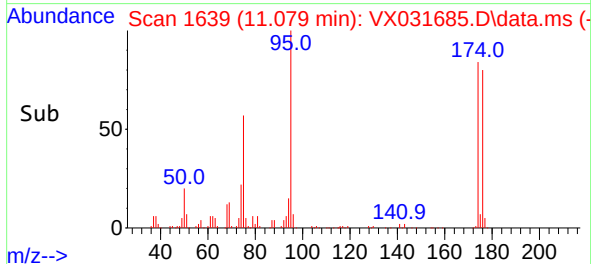
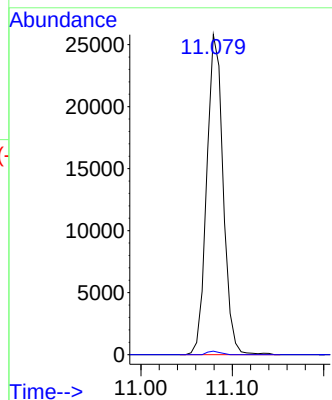
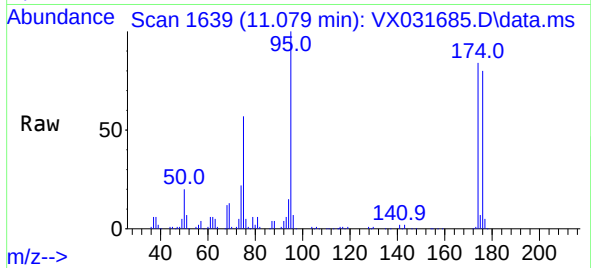




#76
1,2,3-Trichloropropane
Concen: 30.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32042
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031685.D
Acq: 27 Sep 2022 06:13

Tgt Ion: 75 Resp: 32042
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

