

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031702.D
 Acq On : 27 Sep 2022 15:12
 Operator : JC/MD
 Sample : N4833-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 004-2

Quant Time: Sep 28 06:30:57 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)

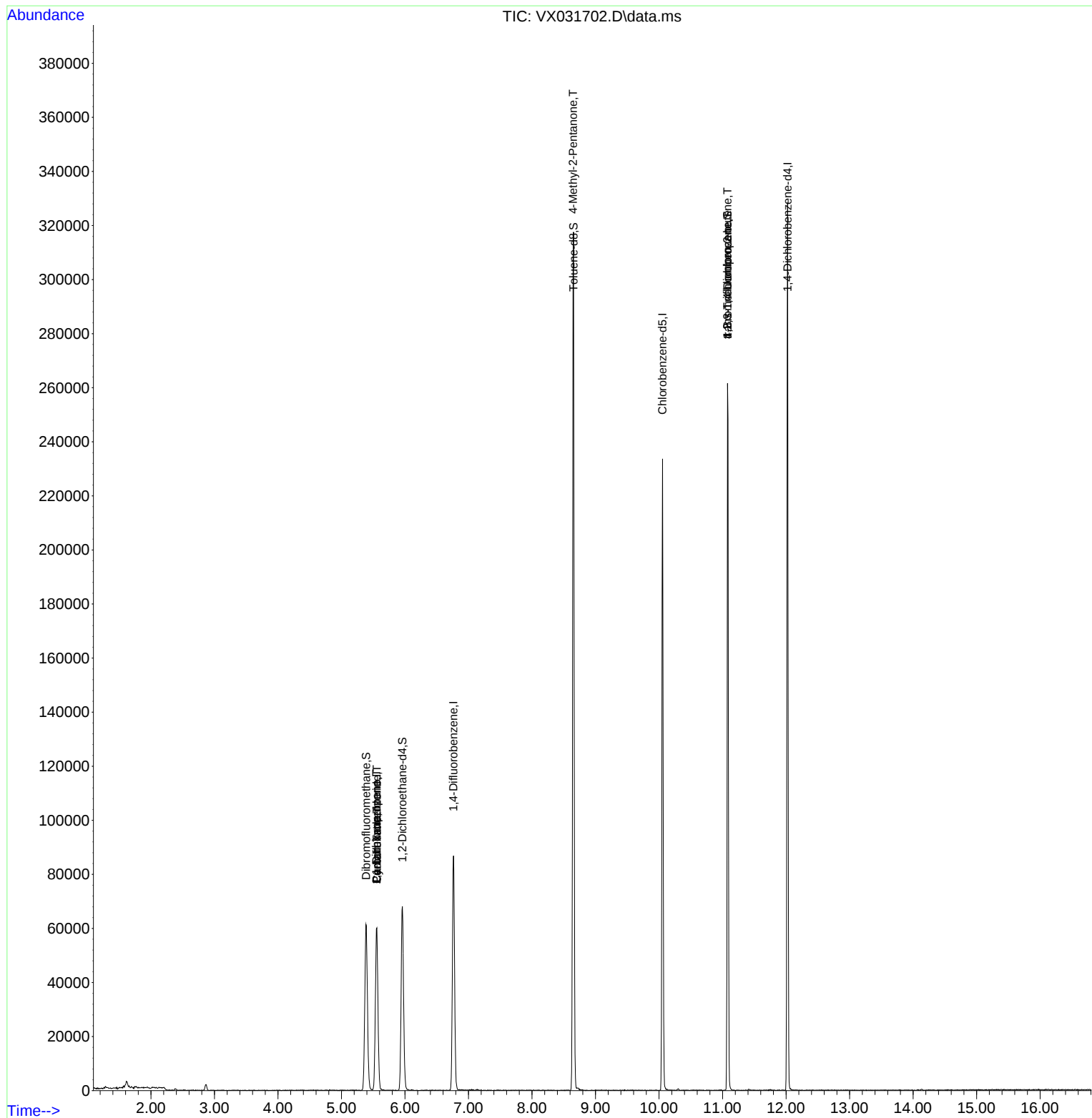
Internal Standards						
1) Pentafluorobenzene	5.556	168	56914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65426	54.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.320%			
35) Dibromofluoromethane	5.385	113	50612	47.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.160%			
50) Toluene-d8	8.653	98	188647	48.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.079	95	63876	45.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.380%			
Target Compounds						
3) Chloromethane	1.288	50	91	Below Cal	#	41
5) Bromomethane	1.611	94	323	Below Cal		86
6) Chloroethane	1.569	64	20	Below Cal	#	43
16) Acetone	2.386	43	671	Below Cal	#	45
17) Carbon Disulfide	2.507	76	73	Below Cal	#	75
20) Methylene Chloride	2.794	84	68	Below Cal	#	4
31) Cyclohexane	5.556	56	1329	1.157	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	4452	3.644	ug/l #	50
38) Carbon Tetrachloride	5.556	117	6020	4.373	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	878	0.715	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35333	30.320	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35333	99.904	ug/l #	11

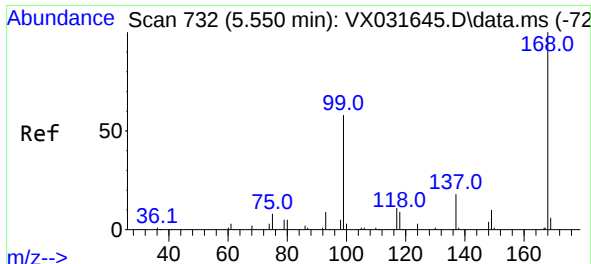
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
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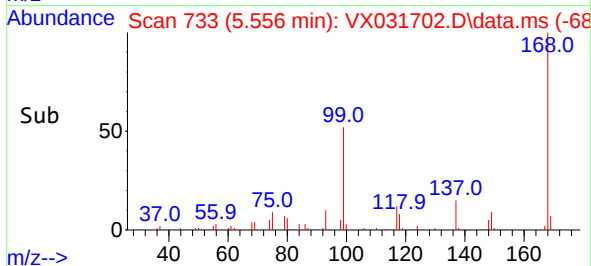
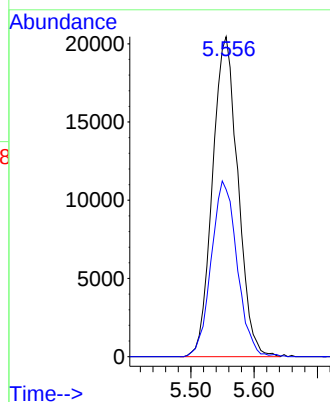
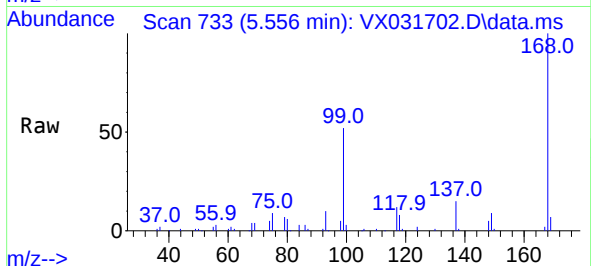




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

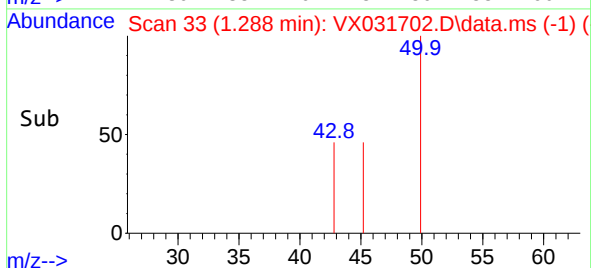
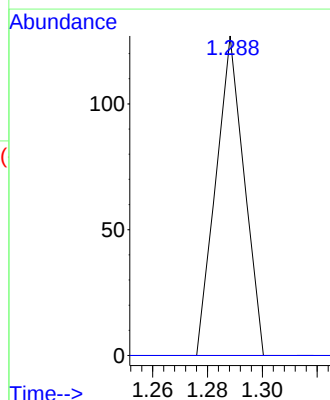
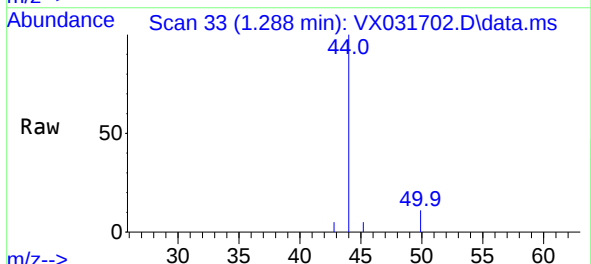
Instrument :
MSVOA_X
ClientSampleId :
004-2

Tgt Ion:168 Resp: 56914
Ion Ratio Lower Upper
168 100
99 52.3 48.8 73.2

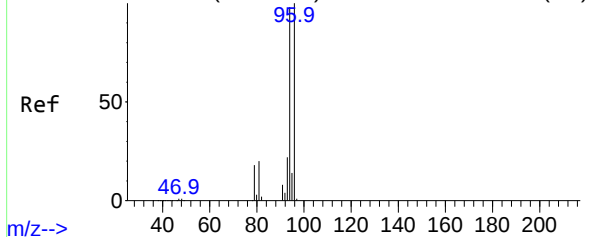


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 50 Resp: 91
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: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

004-2

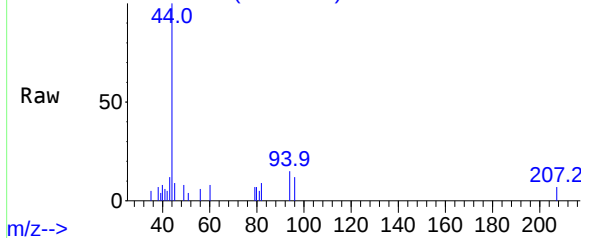
Tgt Ion: 94 Resp: 323

Ion Ratio Lower Upper

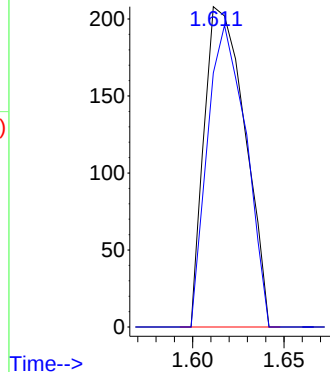
94 100

96 79.3 74.4 111.6

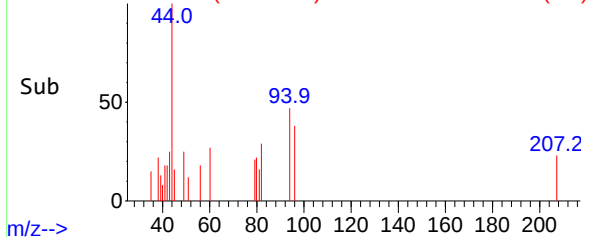
Abundance Scan 86 (1.611 min): VX031702.D\data.ms



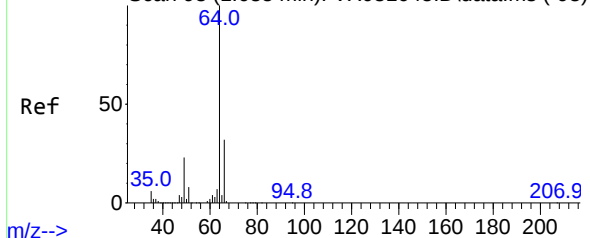
Abundance



Abundance Scan 86 (1.611 min): VX031702.D\data.ms (-37)



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



#6

Chloroethane

Concen: Below Cal

RT: 1.569 min Scan# 79

Delta R.T. -0.116 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

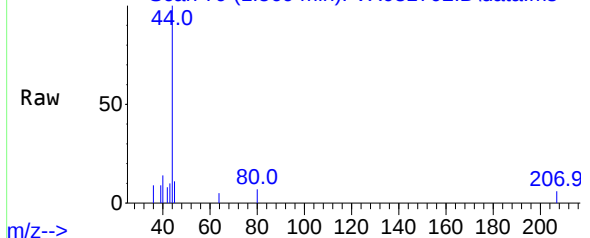
Tgt Ion: 64 Resp: 20

Ion Ratio Lower Upper

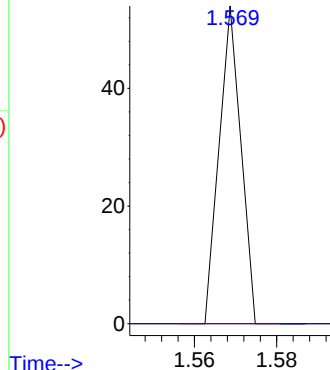
64 100

66 0.0 25.0 37.4#

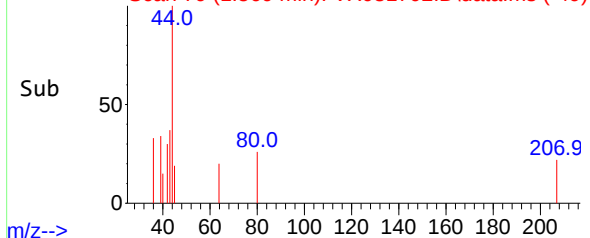
Abundance Scan 79 (1.569 min): VX031702.D\data.ms

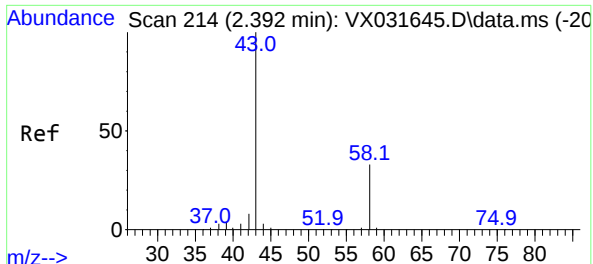


Abundance



Abundance Scan 79 (1.569 min): VX031702.D\data.ms (-49)

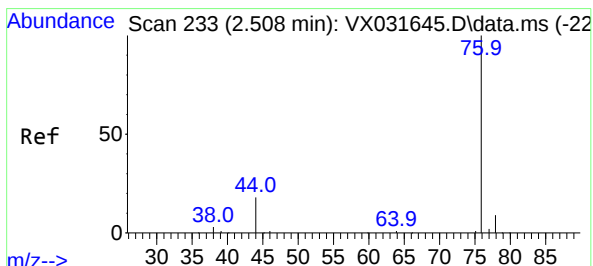
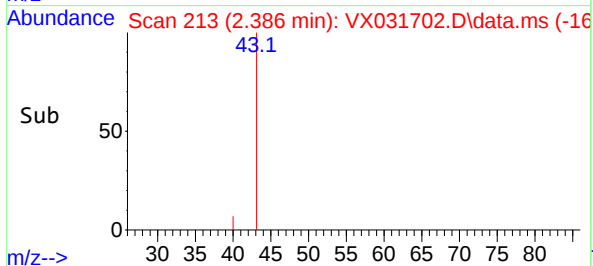
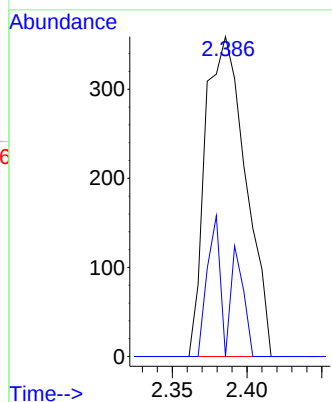
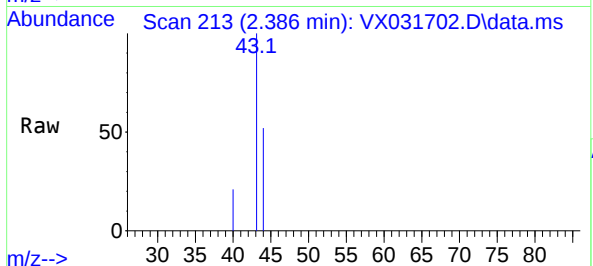




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

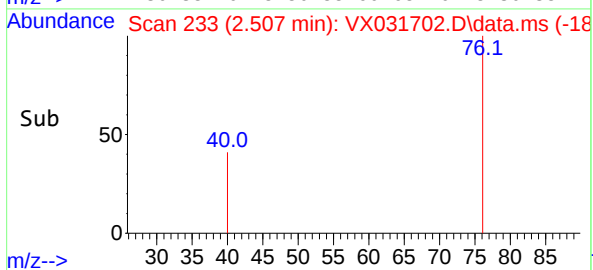
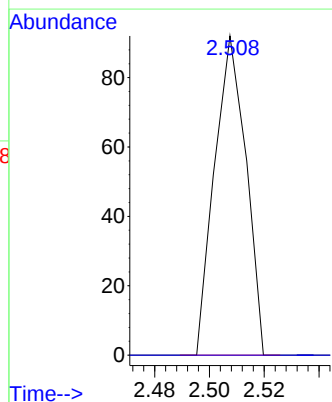
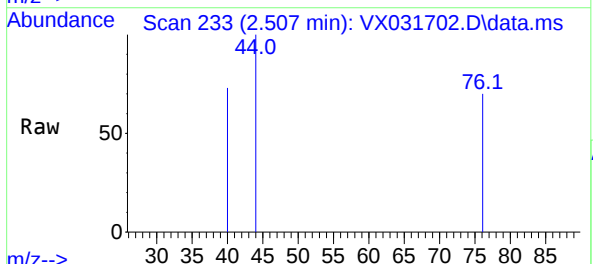
Instrument :
MSVOA_X
ClientSampleId :
004-2

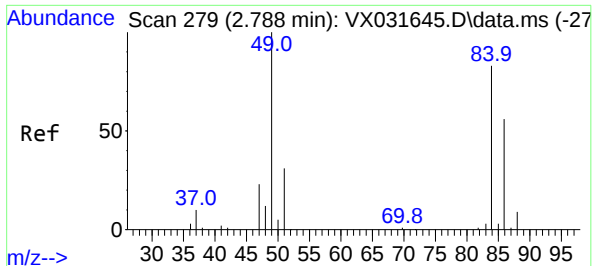
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 76 Resp: 73
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: VX031702.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

004-2

Tgt Ion: 84 Resp: 68

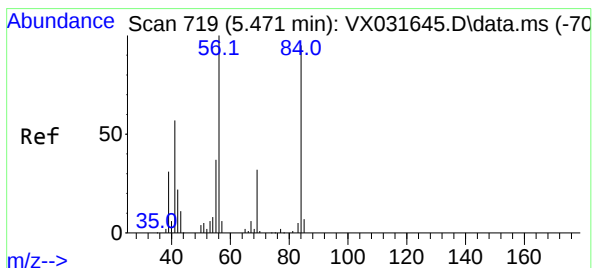
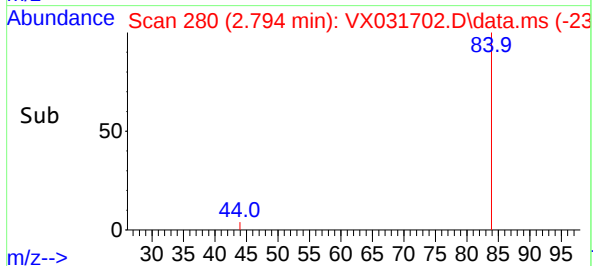
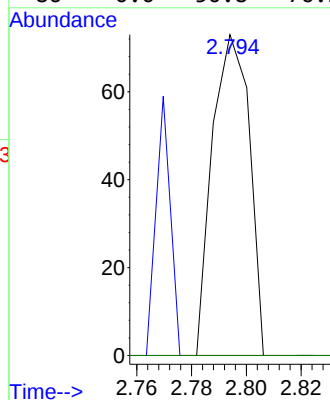
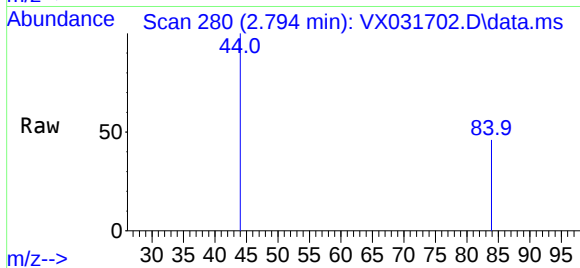
Ion Ratio Lower Upper

84 100

49 0.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

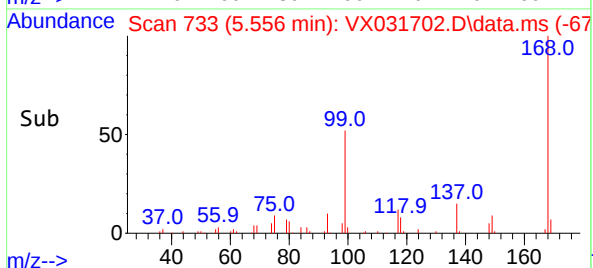
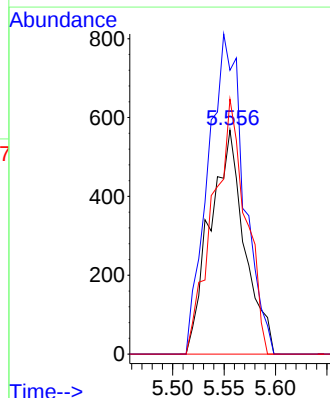
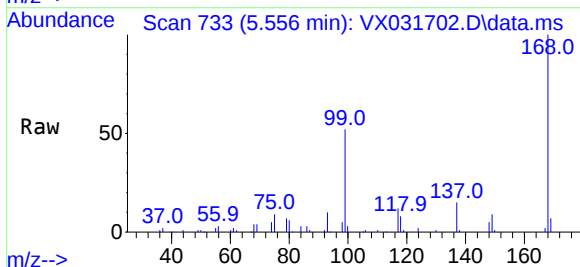
Tgt Ion: 56 Resp: 1329

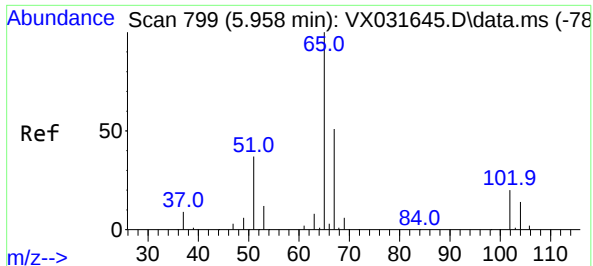
Ion Ratio Lower Upper

56 100

69 126.8 25.1 37.7#

84 113.9 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.163 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

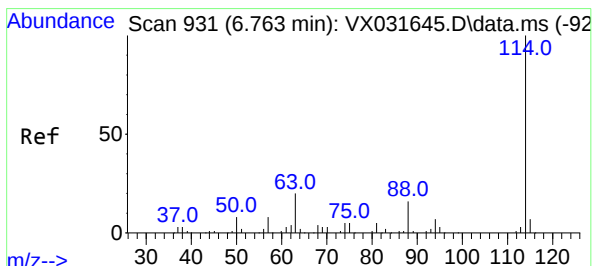
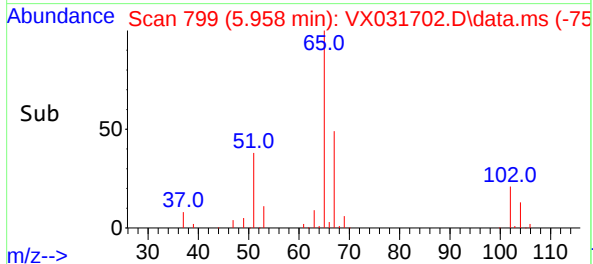
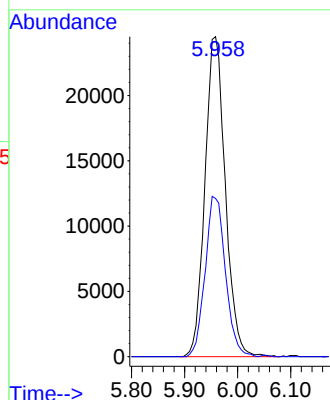
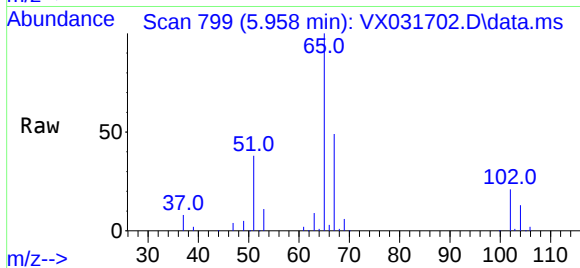
004-2

Tgt Ion: 65 Resp: 65426

Ion Ratio Lower Upper

65 100

67 49.8 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: VX031702.D

Acq: 27 Sep 2022 15:12

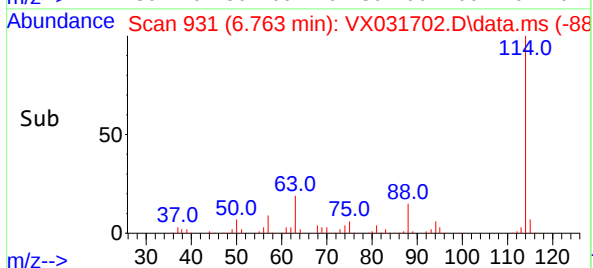
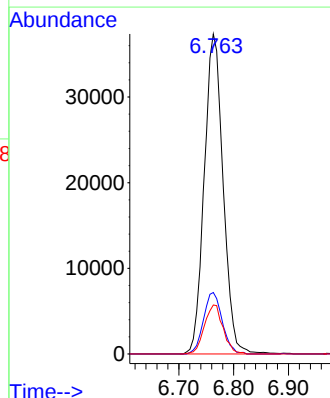
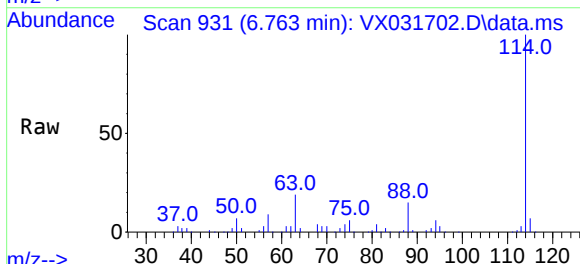
Tgt Ion: 114 Resp: 89276

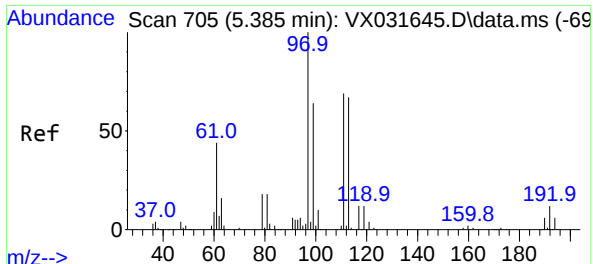
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.579 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

004-2

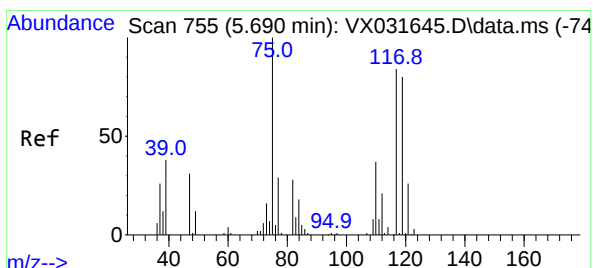
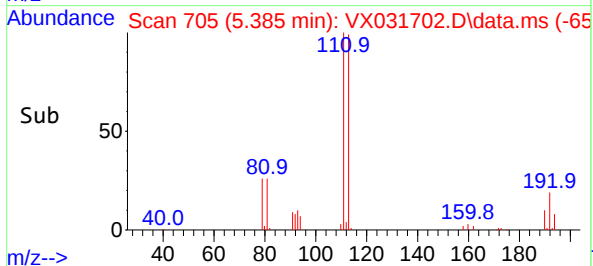
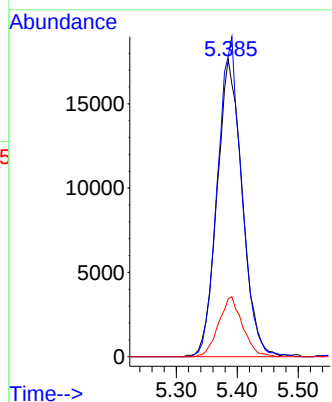
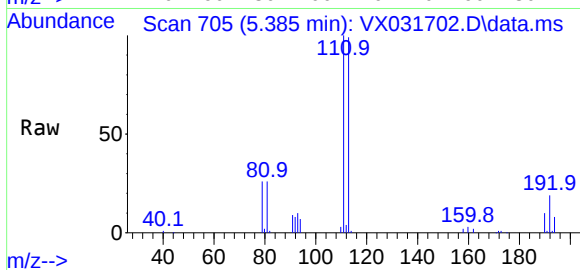
Tgt Ion:113 Resp: 50612

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.644 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

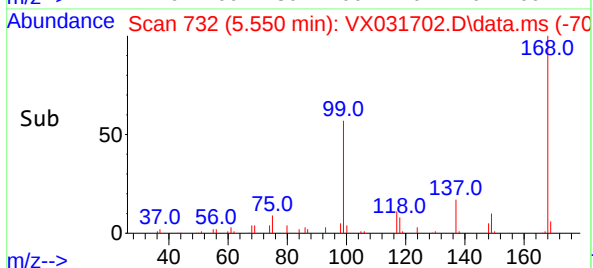
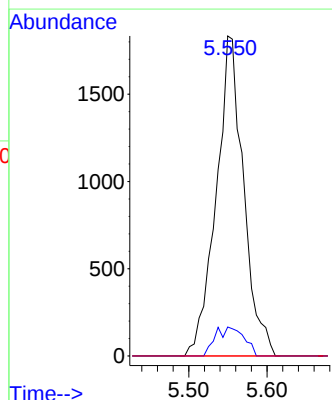
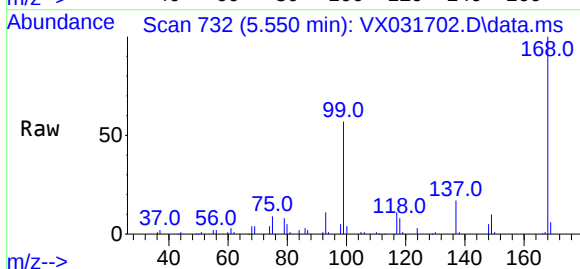
Tgt Ion: 75 Resp: 4452

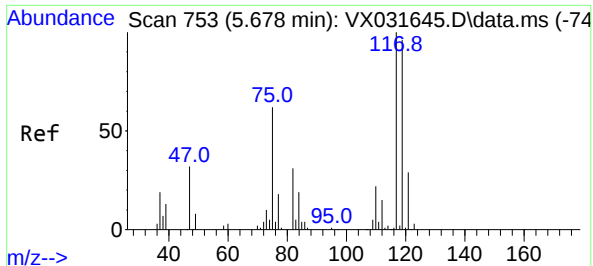
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.9 37.3#

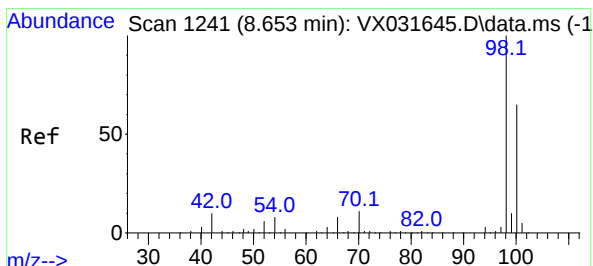
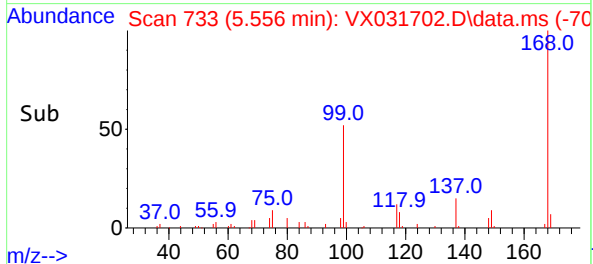
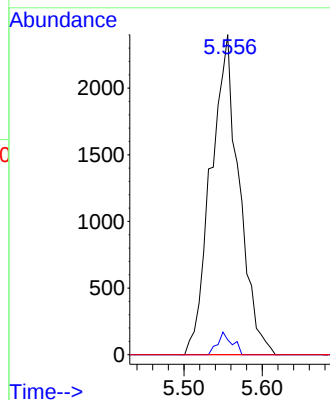
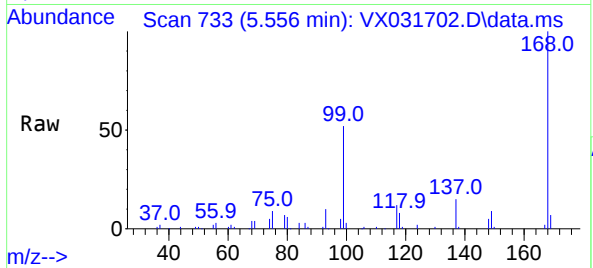




#38
Carbon Tetrachloride
Concen: 4.373 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

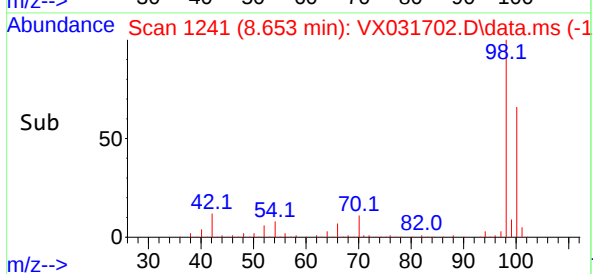
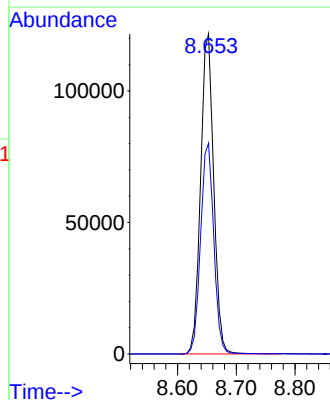
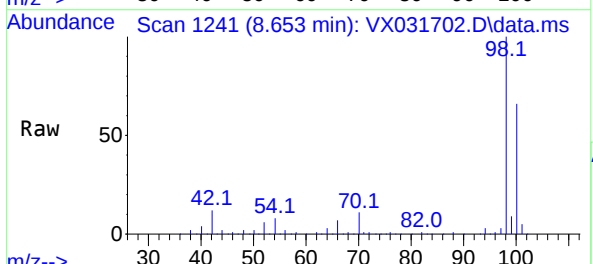
Instrument :
MSVOA_X
ClientSampleId :
004-2

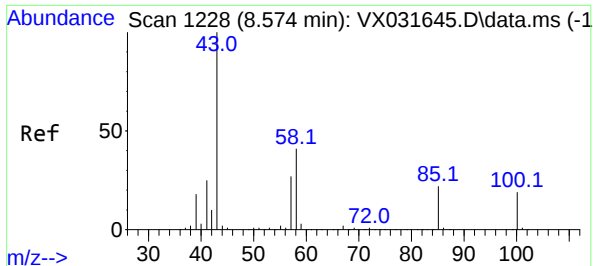
Tgt Ion:117 Resp: 6020
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 98 Resp: 188647
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.715 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

Instrument :

MSVOA_X

ClientSampleId :

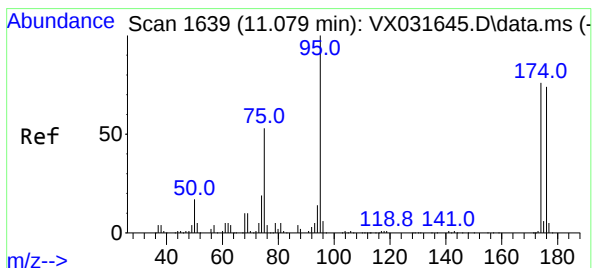
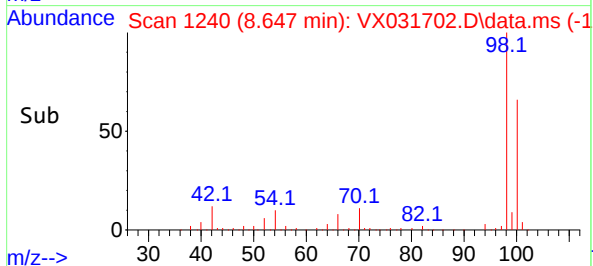
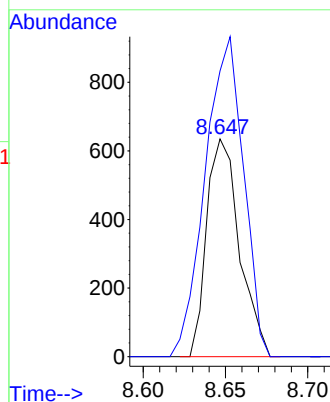
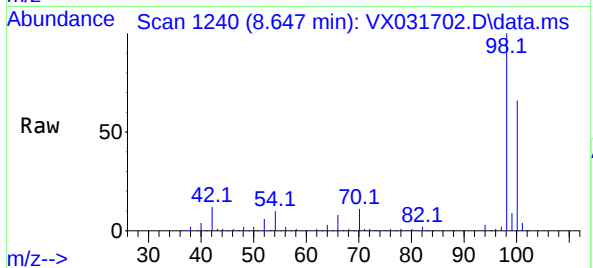
004-2

Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 172.3 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.191 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031702.D

Acq: 27 Sep 2022 15:12

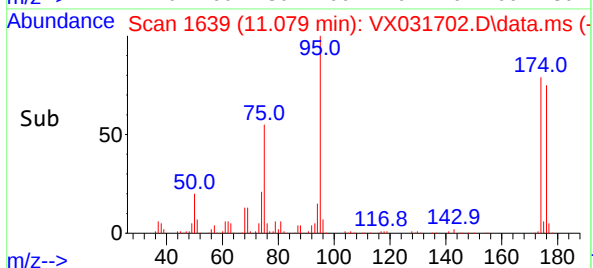
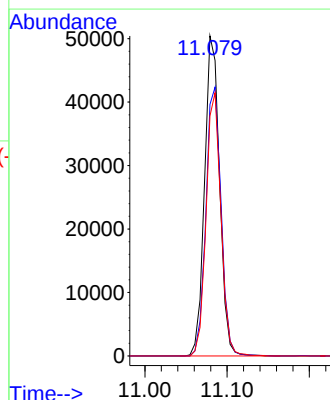
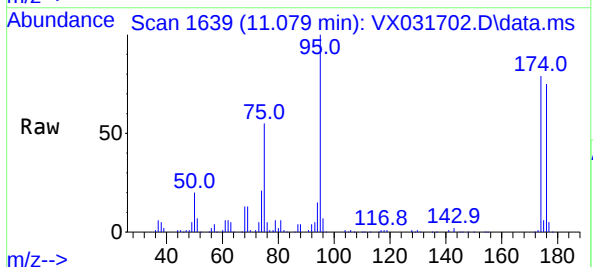
Tgt Ion: 95 Resp: 63876

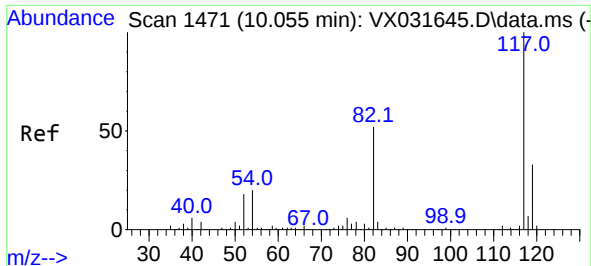
Ion Ratio Lower Upper

95 100

174 85.2 0.0 153.2

176 81.1 0.0 144.0

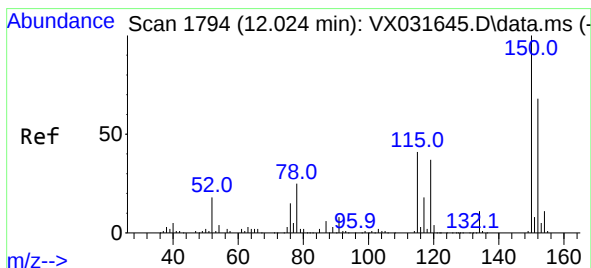
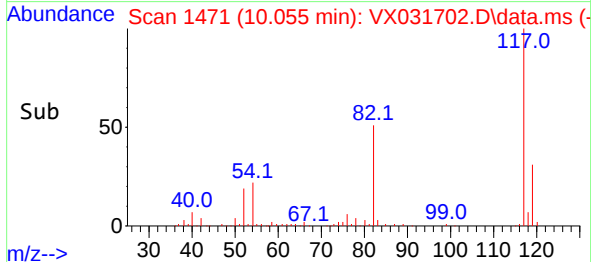
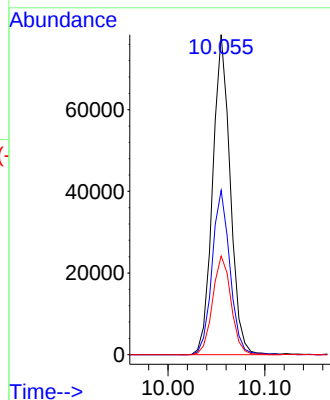
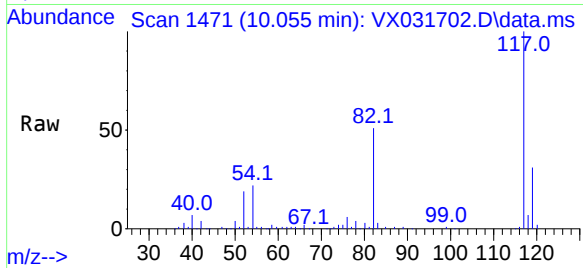




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

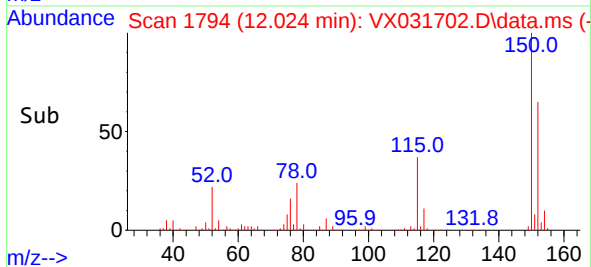
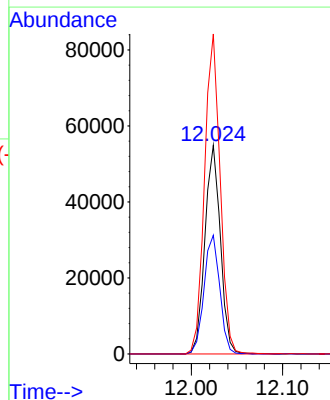
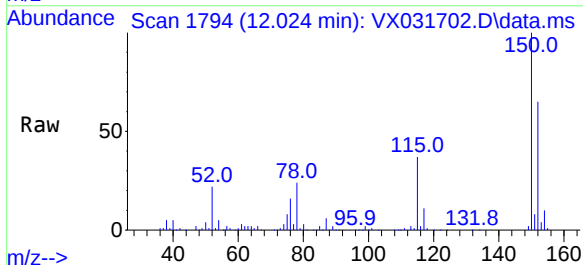
Instrument :
MSVOA_X
ClientSampleId :
004-2

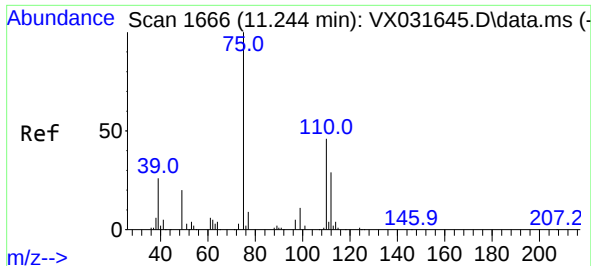
Tgt Ion:117	Resp:	98786
Ion	Ratio	Lower Upper
117	100	
82	51.4	46.8 70.2
119	30.9	26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion:152	Resp:	64281
Ion	Ratio	Lower Upper
152	100	
115	58.0	43.4 130.1
150	155.1	0.0 346.8

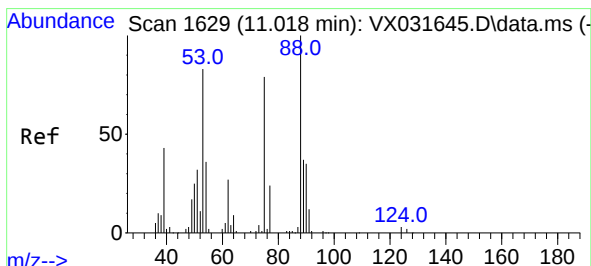
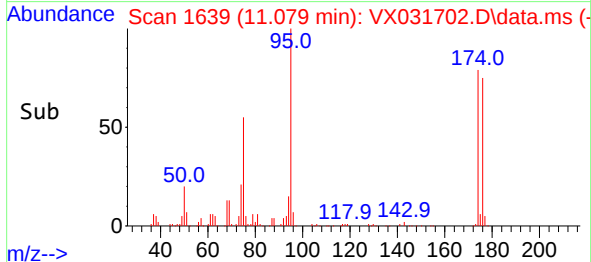
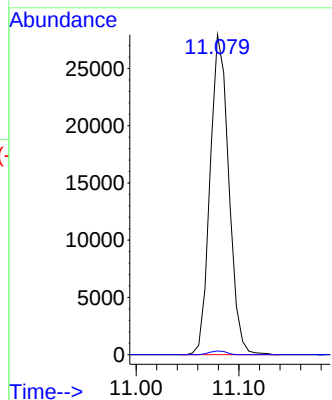
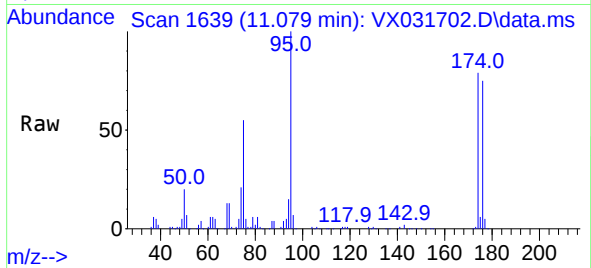




#76
1,2,3-Trichloropropane
Concen: 30.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Instrument :
MSVOA_X
ClientSampleId :
004-2

Tgt Ion: 75 Resp: 35333
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031702.D
Acq: 27 Sep 2022 15:12

Tgt Ion: 75 Resp: 35333
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

