

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031718.D
 Acq On : 28 Sep 2022 11:37
 Operator : JC/MD
 Sample : VX0928WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBL01

Quant Time: Sep 29 04:29:16 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)

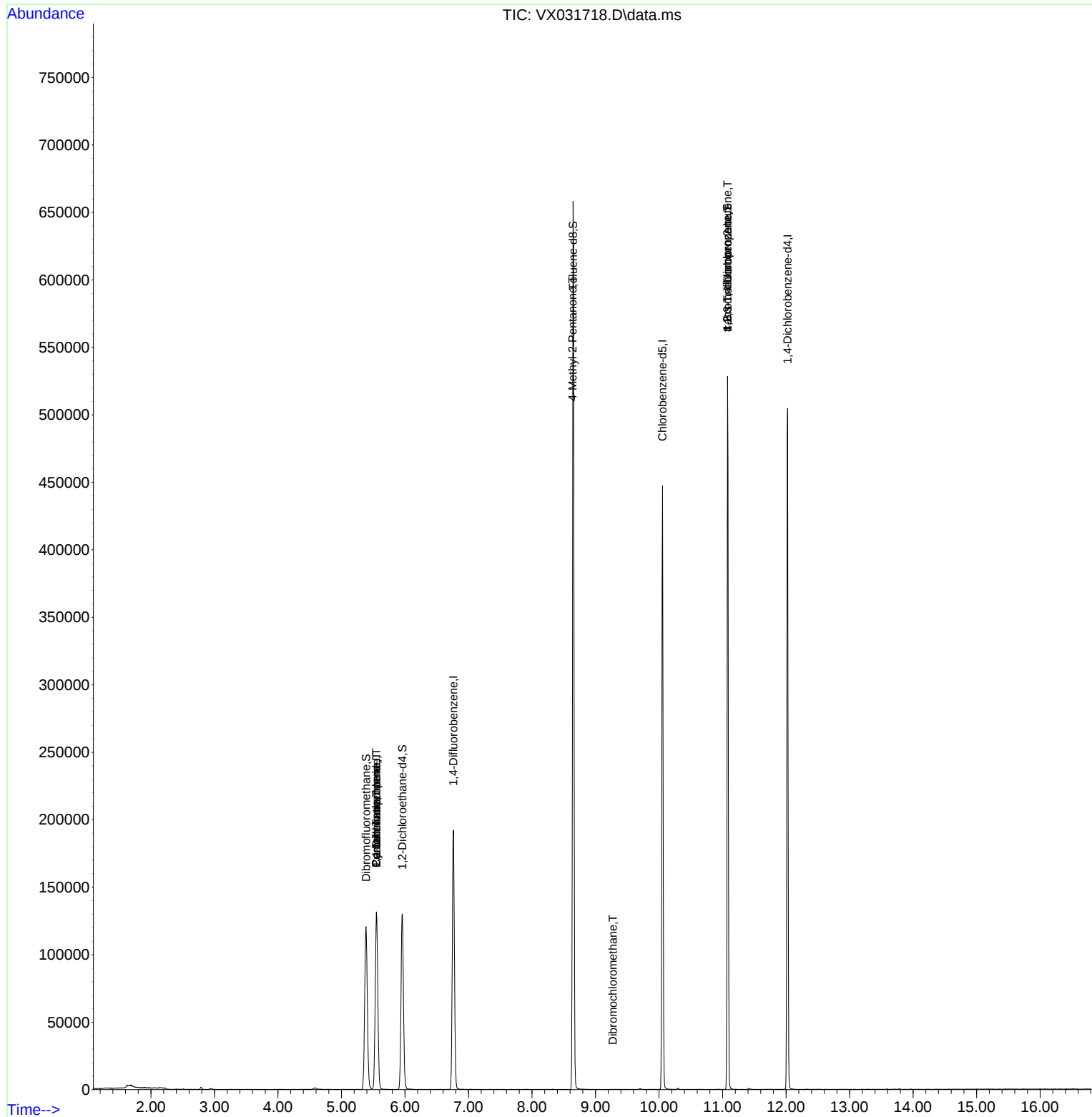
Internal Standards						
1) Pentafluorobenzene	5.550	168	122773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126362	48.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	5.385	113	102338	43.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.600%		
50) Toluene-d8	8.647	98	393636	45.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.880%		
62) 4-Bromofluorobenzene	11.079	95	132773	42.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	125	Below Cal	#	19
5) Bromomethane	1.624	94	592	Below Cal		89
6) Chloroethane	1.764	64	19	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	585	Below Cal	#	73
12) 1,1-Dichloroethene	2.197	96	22	Below Cal	#	1
13) Acrolein	2.166	56	24	Below Cal	#	15
16) Acetone	2.404	43	262	Below Cal	#	45
17) Carbon Disulfide	2.508	76	358	Below Cal	#	75
20) Methylene Chloride	2.794	84	747	Below Cal	#	68
31) Cyclohexane	5.550	56	2749	1.110	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	9825	3.620	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13294	4.346	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1608	0.590	ug/l #	1
60) Dibromochloromethane	9.275	129	23	1.548	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	70897	37.324	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	70897	122.278	ug/l #	11

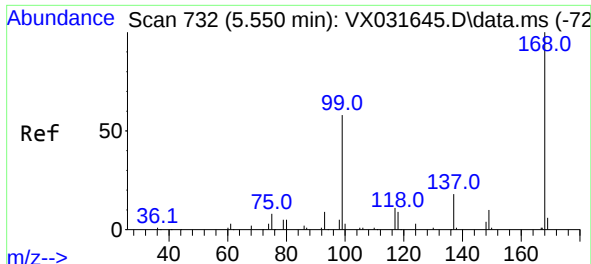
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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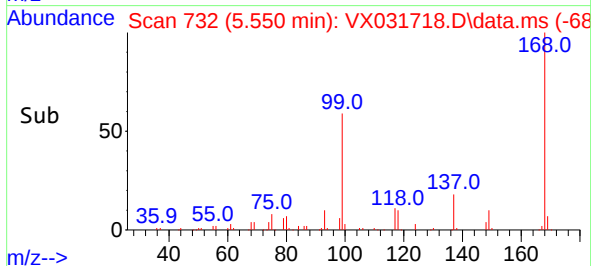
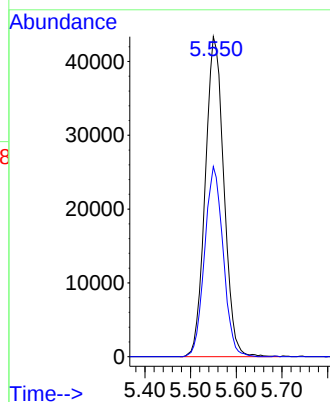
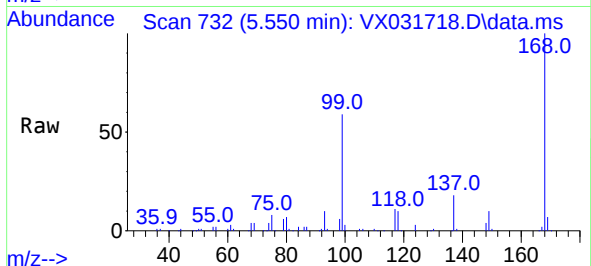




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

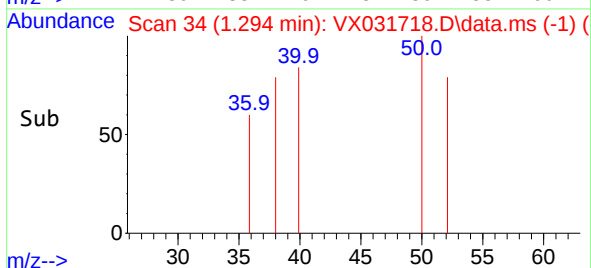
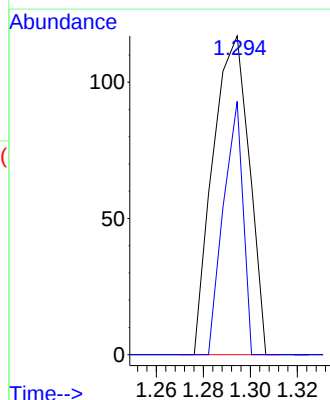
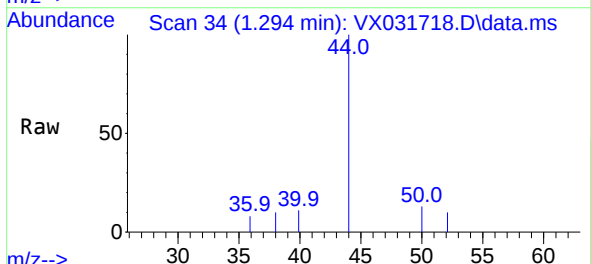
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

Tgt Ion:168 Resp: 122773
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2

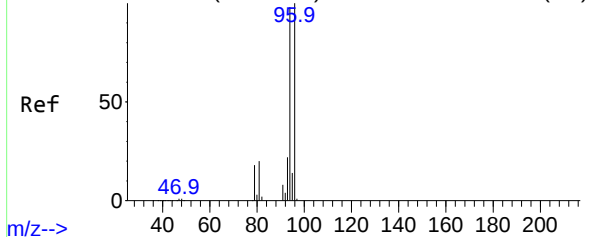


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 50 Resp: 125
Ion Ratio Lower Upper
50 100
52 79.5 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: VX031718.D

Acq: 28 Sep 2022 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBL01

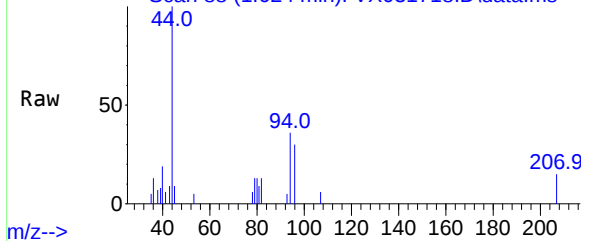
Tgt Ion: 94 Resp: 592

Ion Ratio Lower Upper

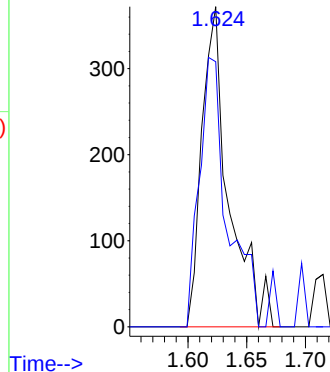
94 100

96 82.8 74.4 111.6

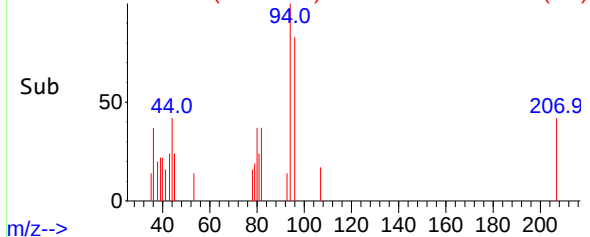
Abundance Scan 88 (1.624 min): VX031718.D\data.ms



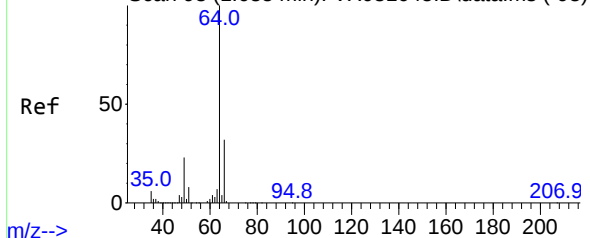
Abundance



Abundance Scan 88 (1.624 min): VX031718.D\data.ms (-37)



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



#6

Chloroethane

Concen: Below Cal

RT: 1.764 min Scan# 111

Delta R.T. 0.079 min

Lab File: VX031718.D

Acq: 28 Sep 2022 11:37

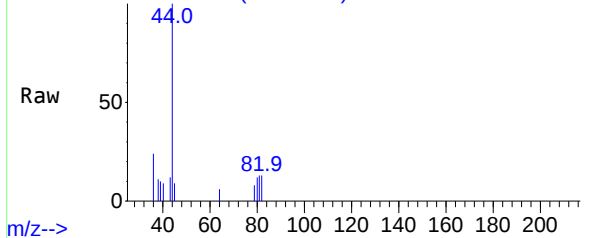
Tgt Ion: 64 Resp: 19

Ion Ratio Lower Upper

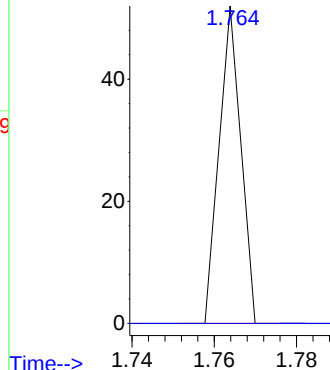
64 100

66 0.0 25.0 37.4#

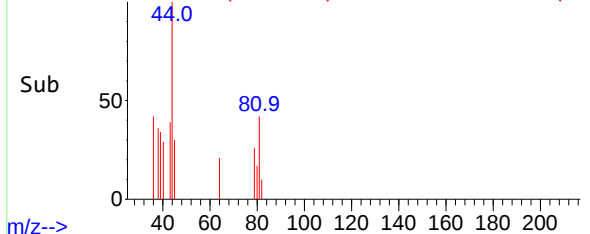
Abundance Scan 111 (1.764 min): VX031718.D\data.ms

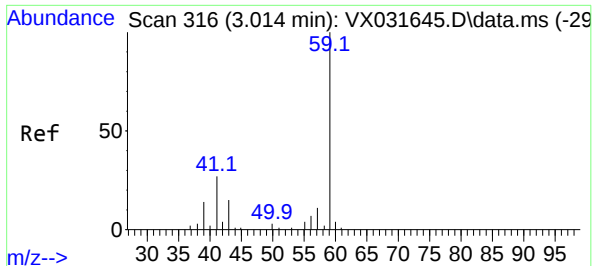


Abundance



Abundance Scan 111 (1.764 min): VX031718.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031718.D

Acq: 28 Sep 2022 11:37

Instrument :

MSVOA_X

ClientSampleId :

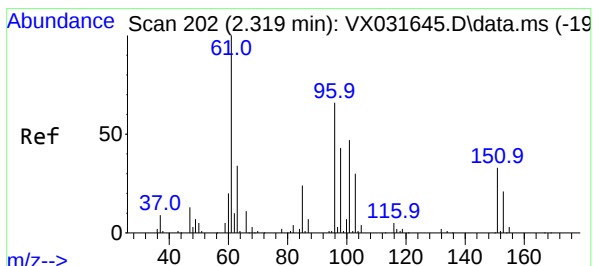
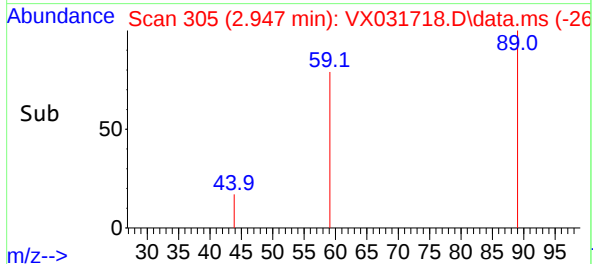
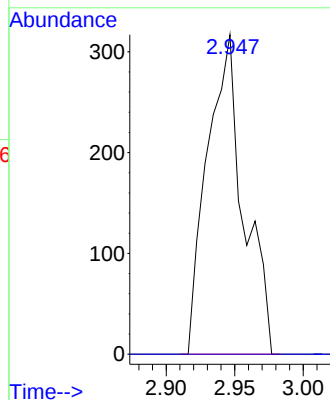
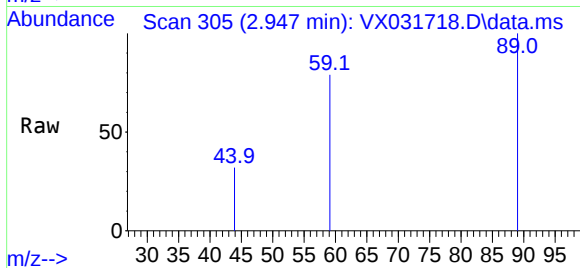
VX0928WBL01

Tgt Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.197 min Scan# 182

Delta R.T. -0.122 min

Lab File: VX031718.D

Acq: 28 Sep 2022 11:37

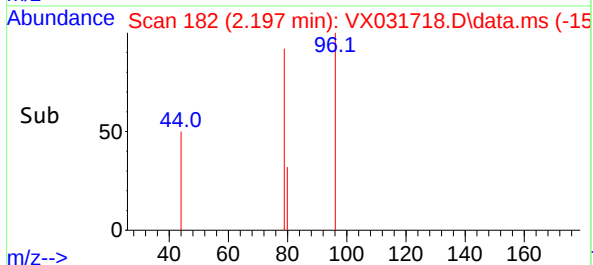
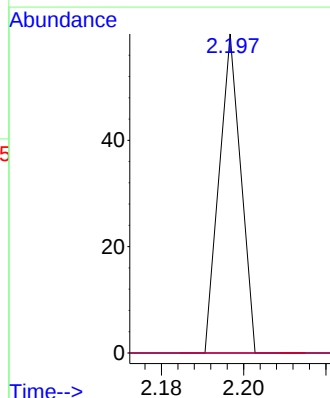
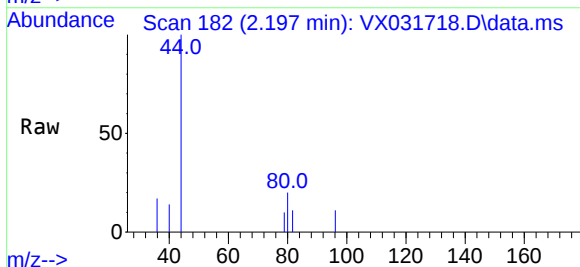
Tgt Ion: 96 Resp: 22

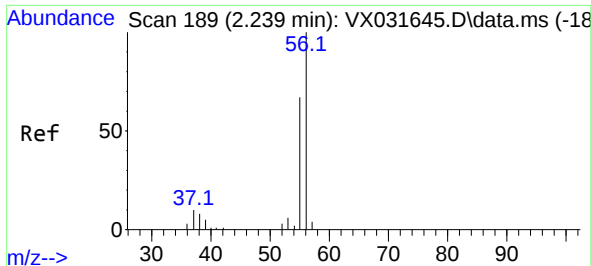
Ion Ratio Lower Upper

96 100

61 0.0 135.3 202.9#

98 0.0 49.4 74.2#

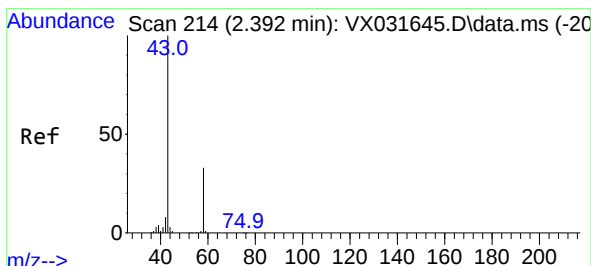
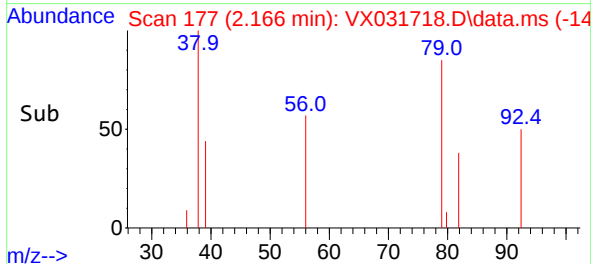
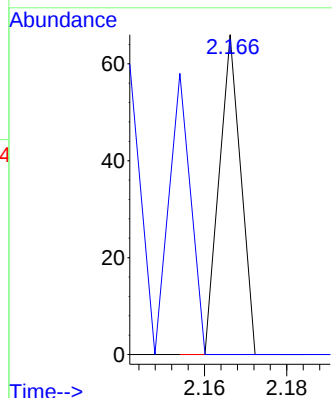
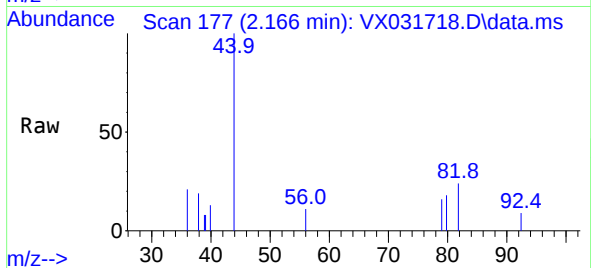




#13
Acrolein
Concen: Below Cal
RT: 2.166 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

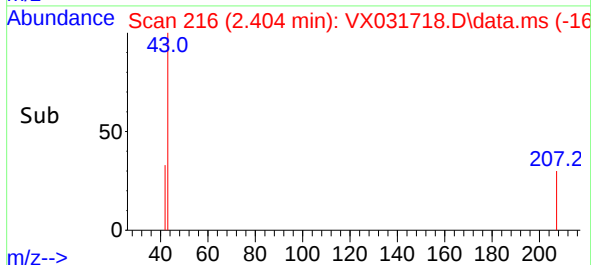
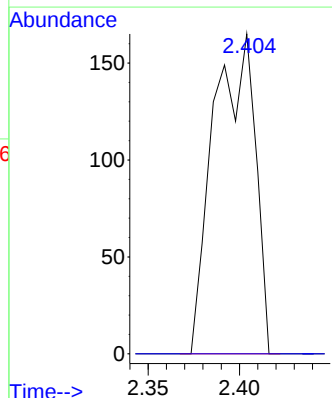
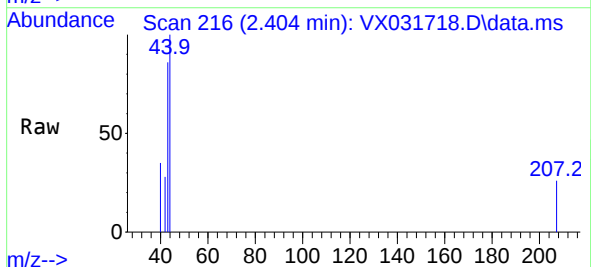
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

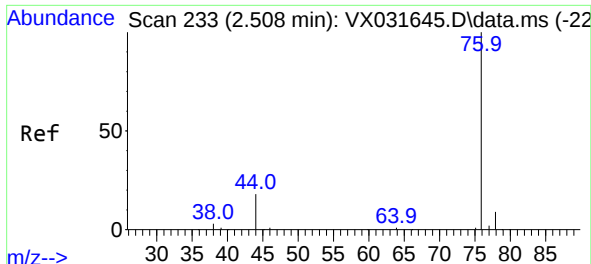
Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

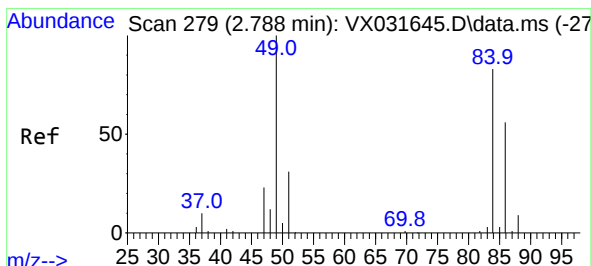
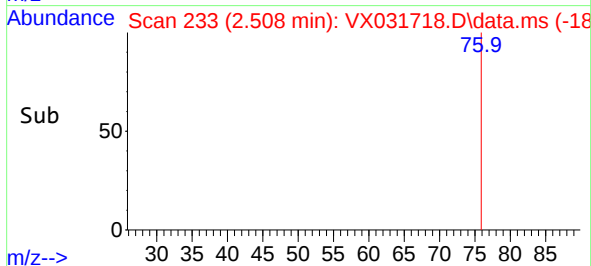
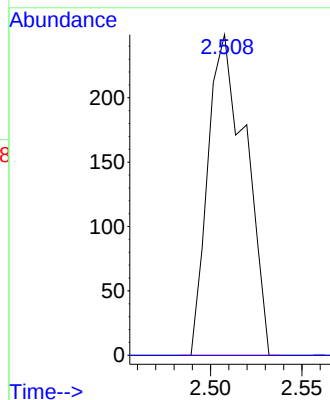
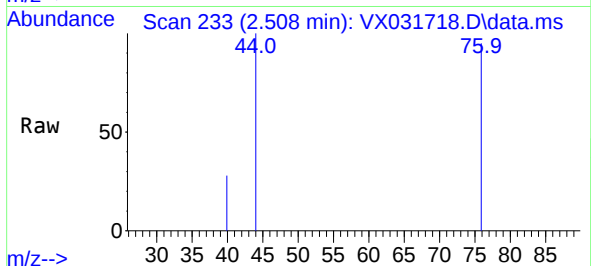




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

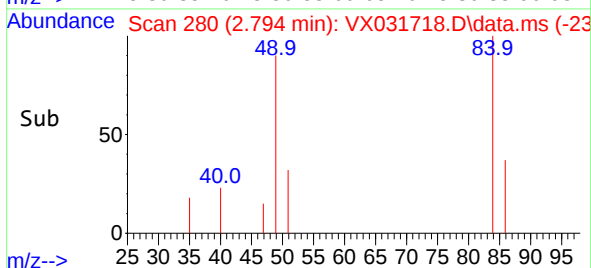
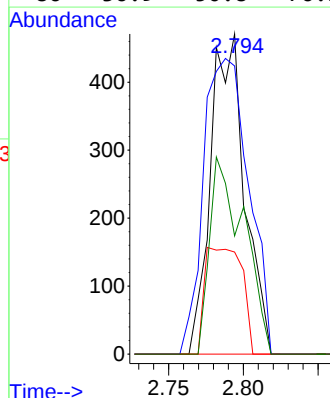
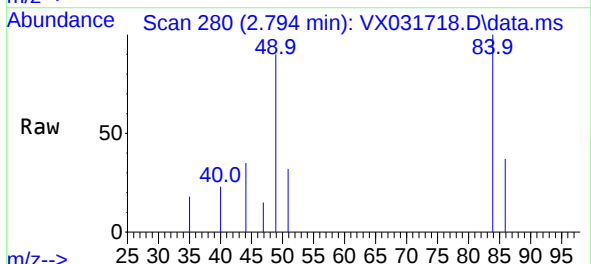
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

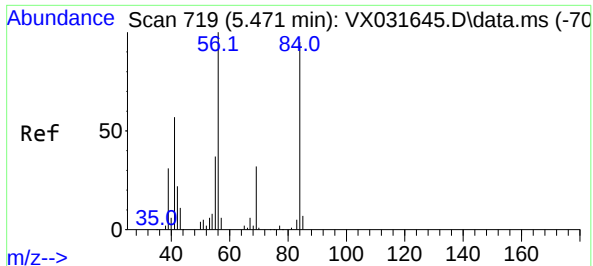
Tgt Ion: 76 Resp: 358
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 84 Resp: 747
Ion Ratio Lower Upper
84 100
49 90.0 105.9 158.9#
51 31.8 32.2 48.2#
86 36.9 50.8 76.2#

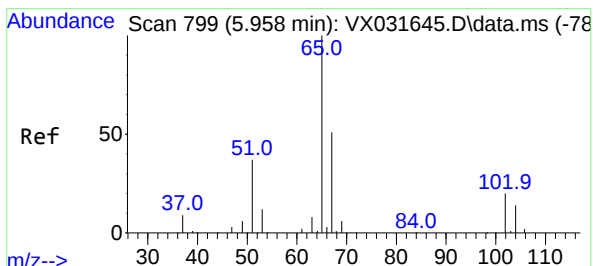
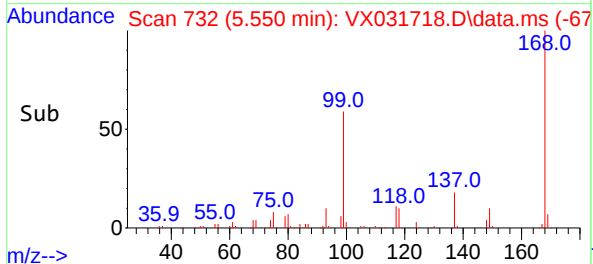
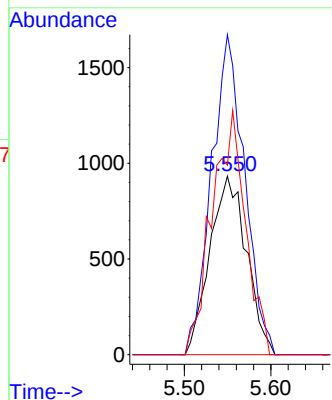
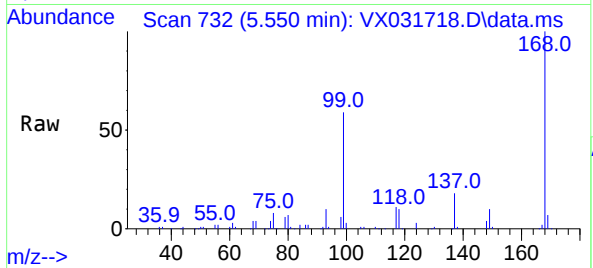




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

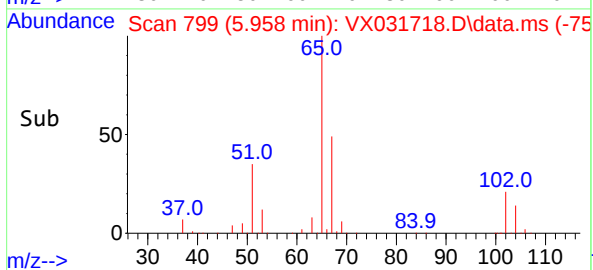
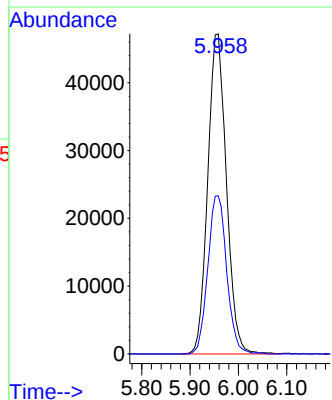
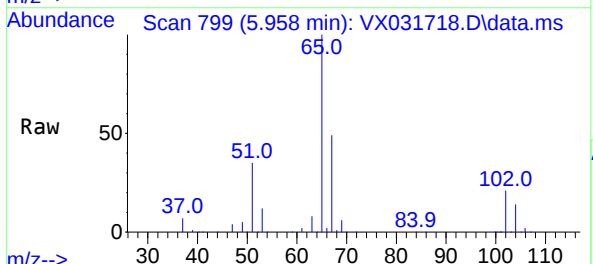
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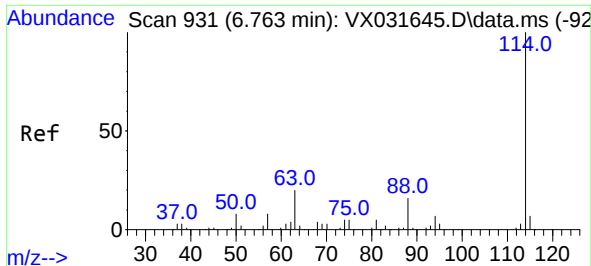
Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 179.2 25.1 37.7#
84 106.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 48.494 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 65 Resp: 126362
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.4

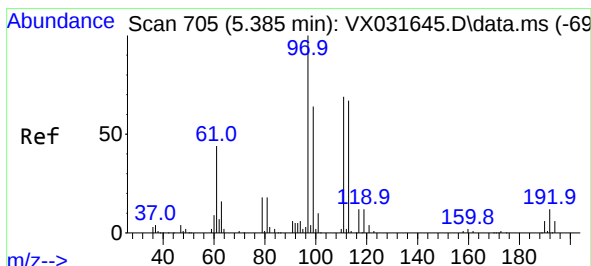
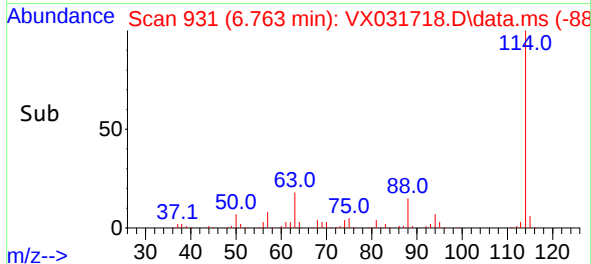
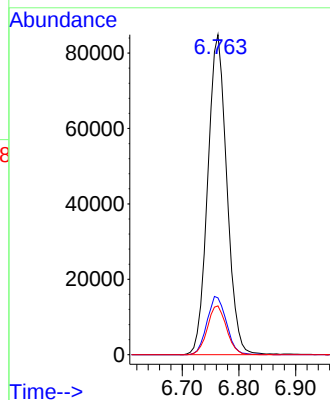
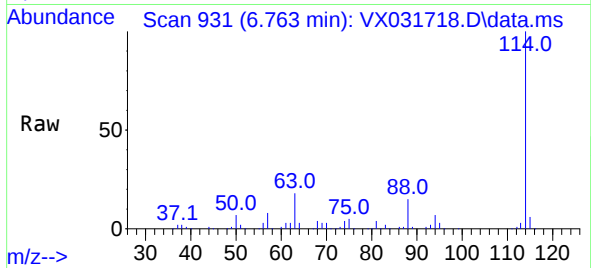




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

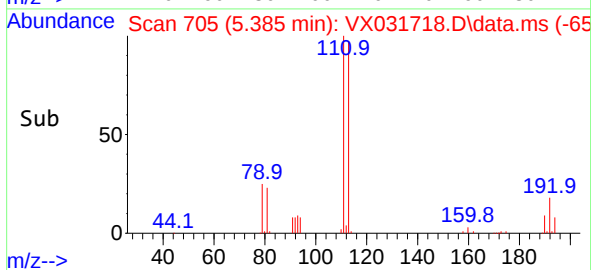
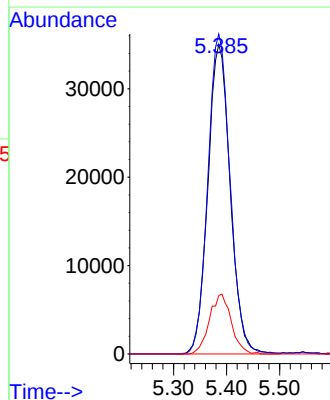
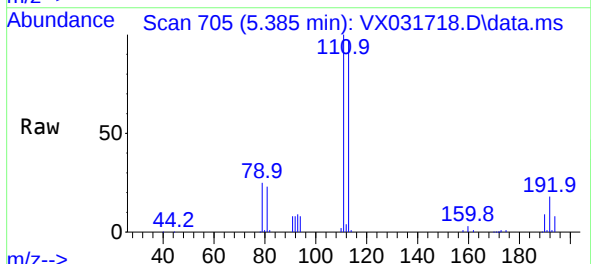
Instrument :
MSVOA_X
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VX0928WBL01

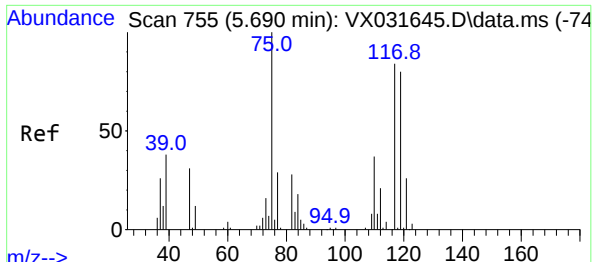
Tgt Ion:114 Resp: 198345
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 43.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion:113 Resp: 102338
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.9 14.1 21.1

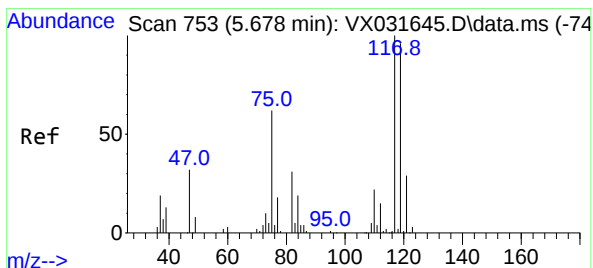
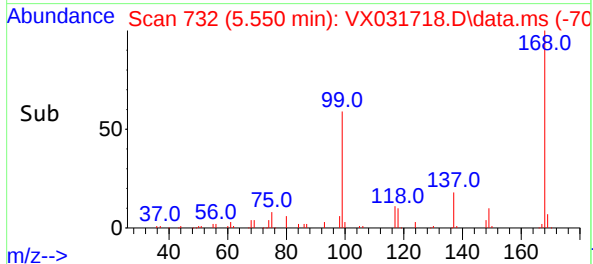
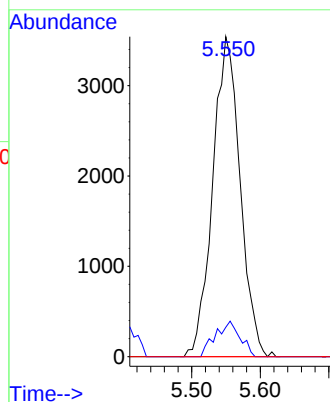
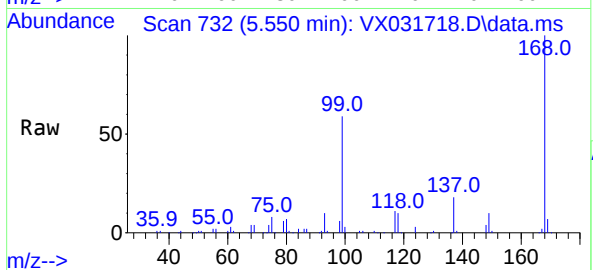




#36
1,1-Dichloropropene
Concen: 3.620 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

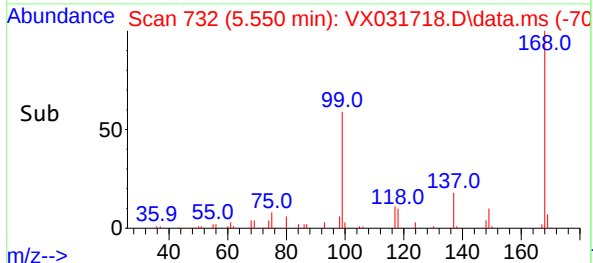
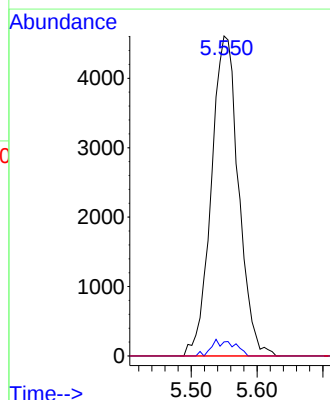
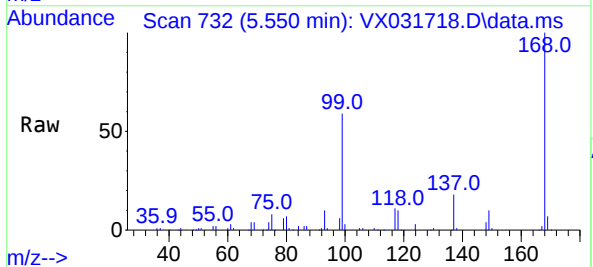
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

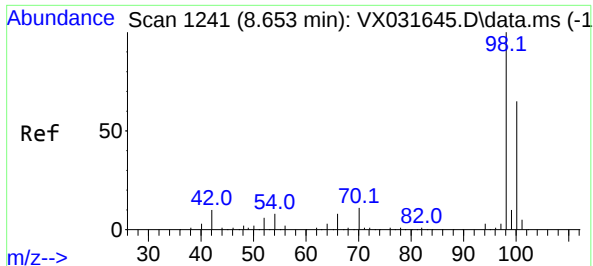
Tgt Ion: 75 Resp: 9825
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.346 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 117 Resp: 13294
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 45.942 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031718.D

Acq: 28 Sep 2022 11:37

Instrument :

MSVOA_X

ClientSampleId :

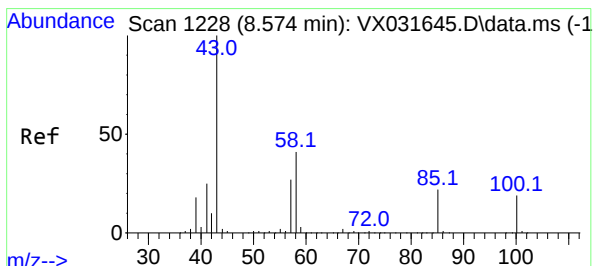
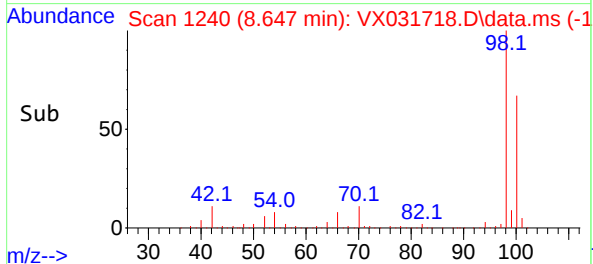
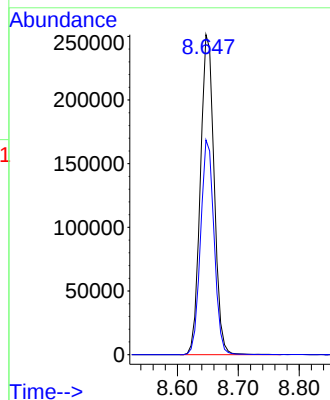
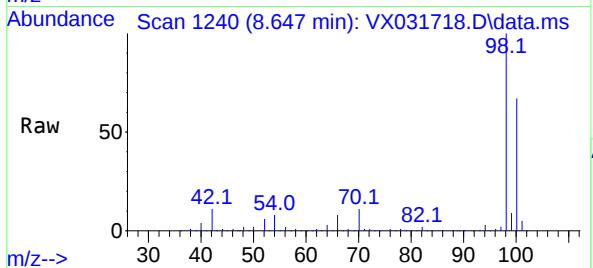
VX0928WBL01

Tgt Ion: 98 Resp: 393636

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.590 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031718.D

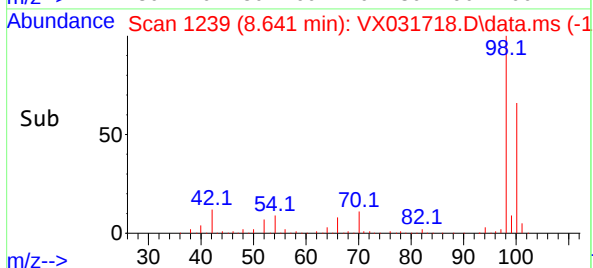
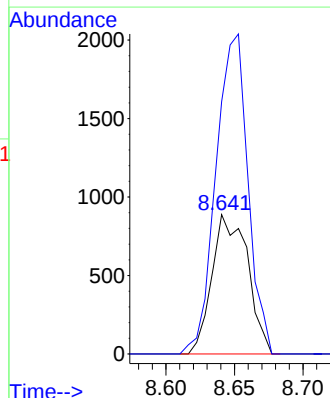
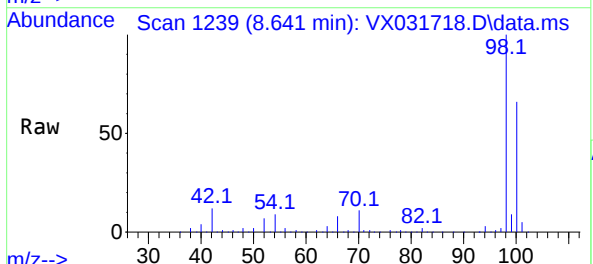
Acq: 28 Sep 2022 11:37

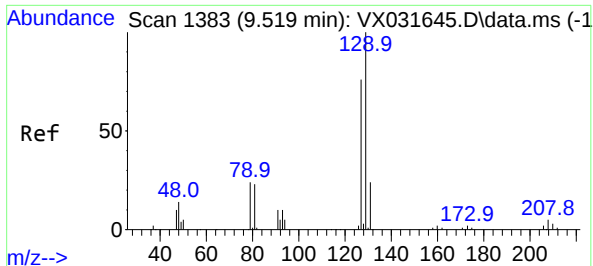
Tgt Ion: 43 Resp: 1608

Ion Ratio Lower Upper

43 100

58 206.3 30.6 46.0#

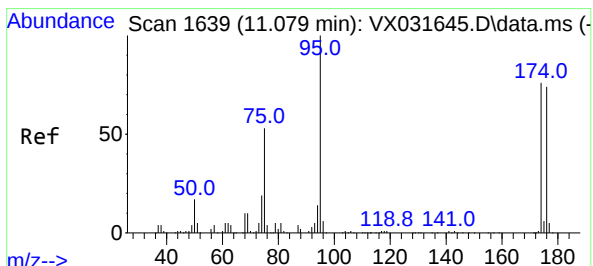
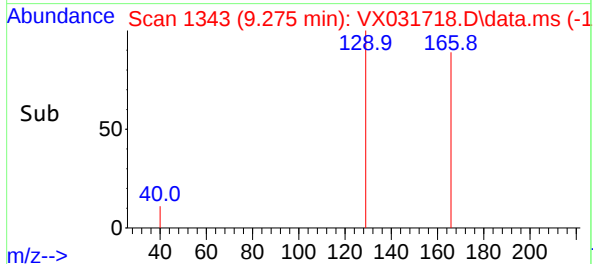
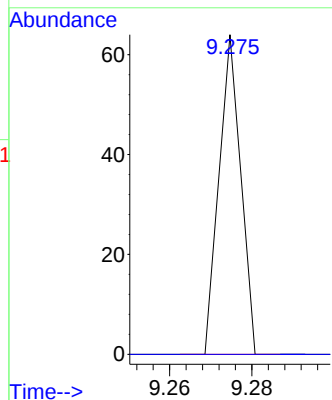
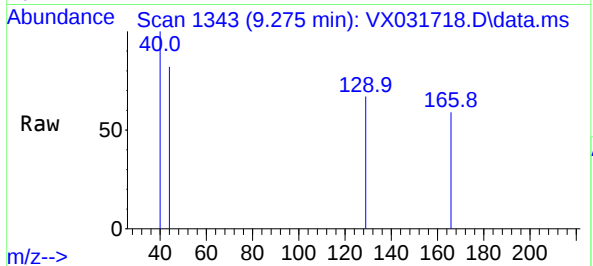




#60
Dibromochloromethane
Concen: 1.548 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

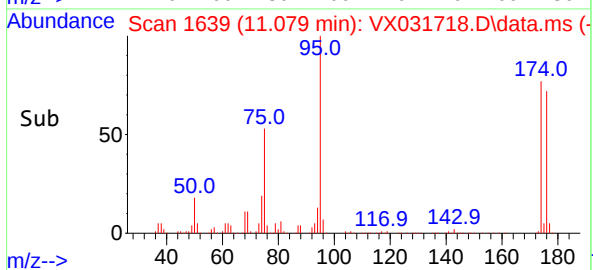
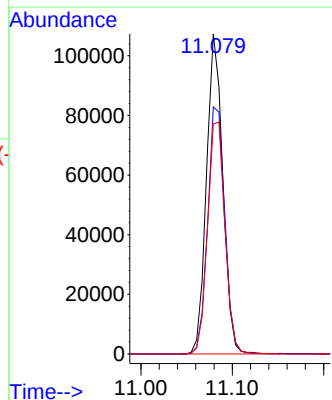
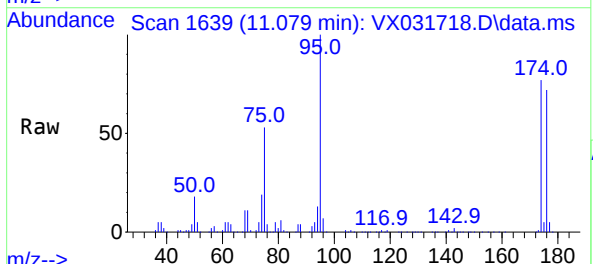
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

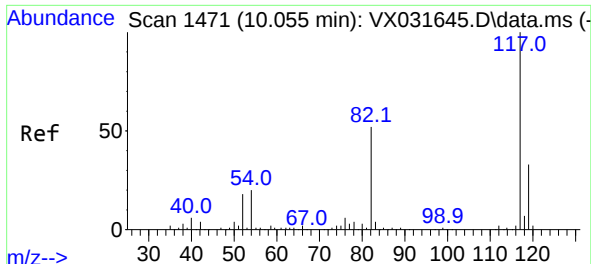
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 42.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 95 Resp: 132773
Ion Ratio Lower Upper
95 100
174 81.1 0.0 153.2
176 77.2 0.0 144.0

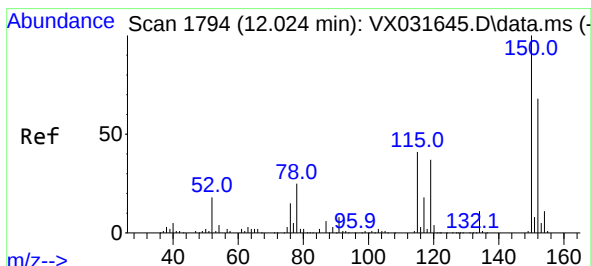
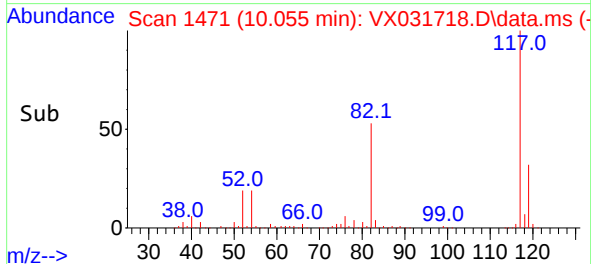
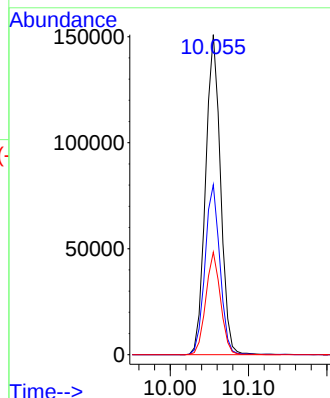
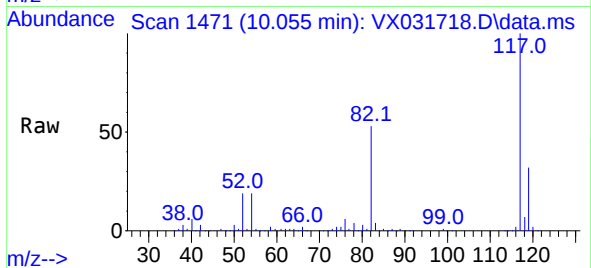




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

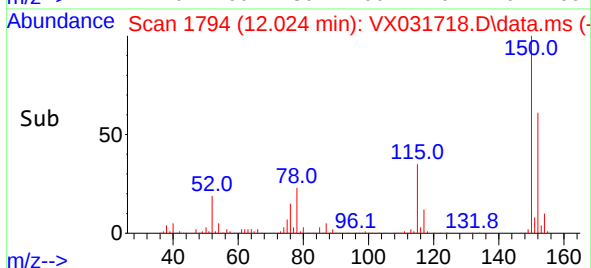
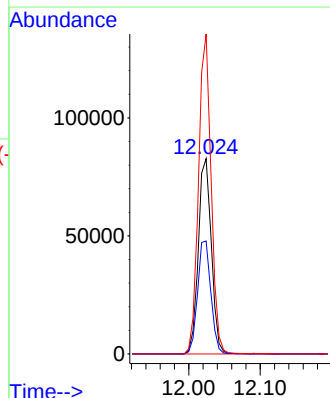
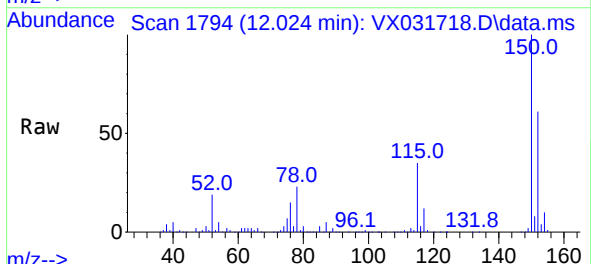
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

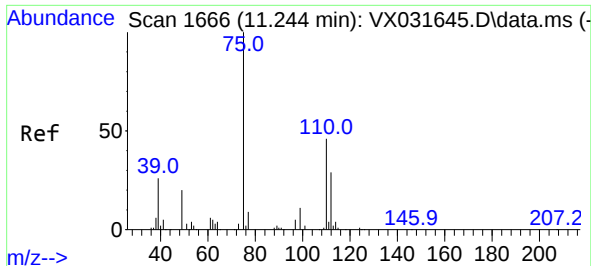
Tgt Ion:117 Resp: 199453
Ion Ratio Lower Upper
117 100
82 53.1 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion:152 Resp: 104778
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.1
150 157.8 0.0 346.8

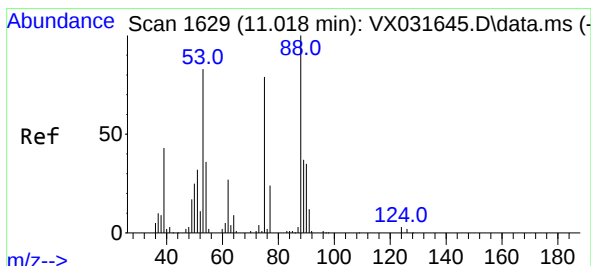
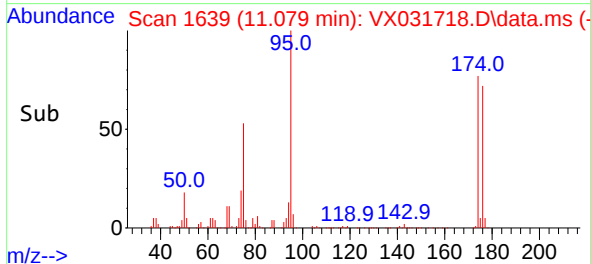
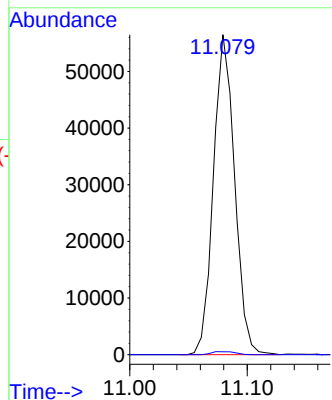
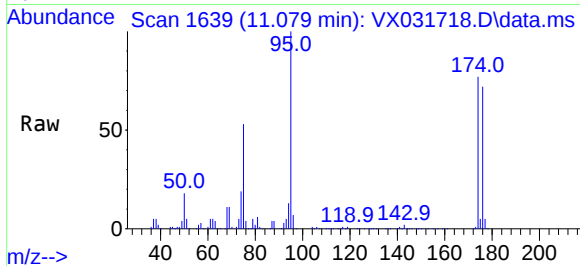




#76
1,2,3-Trichloropropane
Concen: 37.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

Tgt Ion: 75 Resp: 70897
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031718.D
Acq: 28 Sep 2022 11:37

Tgt Ion: 75 Resp: 70897
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

