

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031408.D
 Acq On : 16 Sep 2022 14:23
 Operator : JC/MD
 Sample : VX0916WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL02

Quant Time: Sep 17 02:04:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

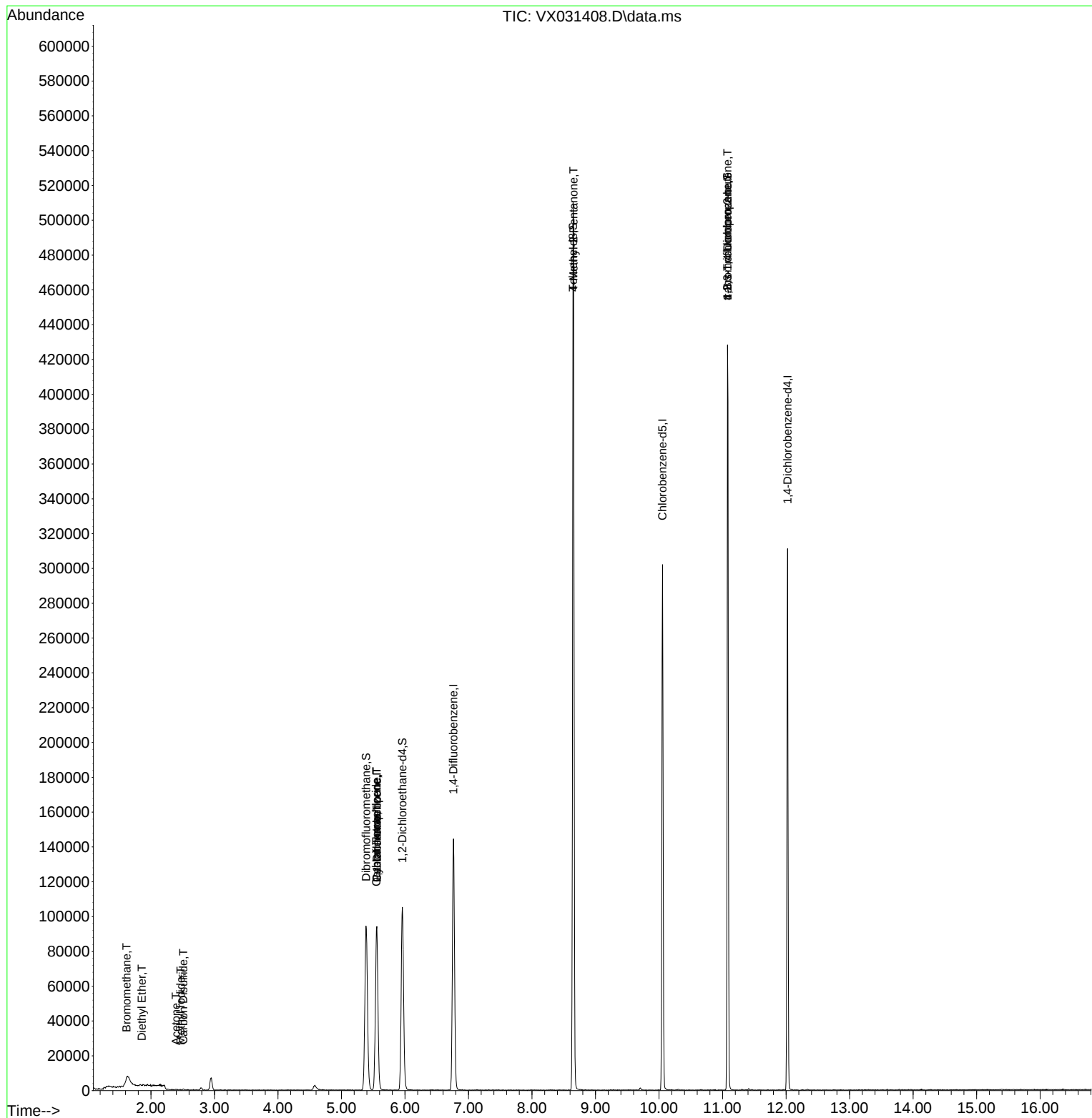
Internal Standards						
1) Pentafluorobenzene	5.556	168	86965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93642	43.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.740%		
35) Dibromofluoromethane	5.385	113	78929	50.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	8.647	98	298011	50.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.079	95	98187	45.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	148	Below Cal	#	41
5) Bromomethane	1.617	94	947	0.831	ug/l	91
8) Diethyl Ether	1.855	74	20	0.545	ug/l #	1
10) Methyl Iodide	2.465	142	234	1.072	ug/l #	48
11) Tert butyl alcohol	2.946	59	4151	Below Cal	#	73
16) Acetone	2.392	43	431	0.473	ug/l #	45
17) Carbon Disulfide	2.507	76	580	1.076	ug/l #	75
20) Methylene Chloride	2.782	84	645	Below Cal	#	68
21) trans-1,2-Dichloroethene	3.093	96	67	Below Cal	#	61
31) Cyclohexane	5.556	56	2126	0.927	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7394	3.458	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8831	3.800	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1407	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56823	38.716	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	56823	107.127	ug/l #	11

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

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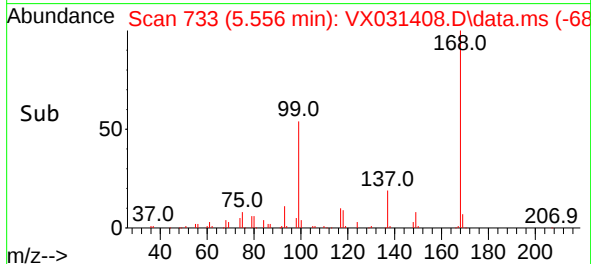
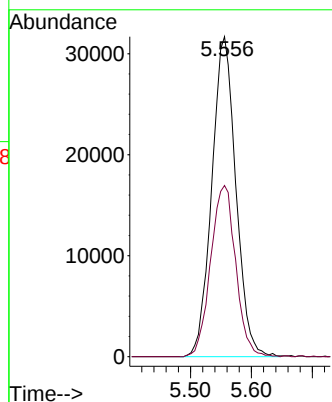
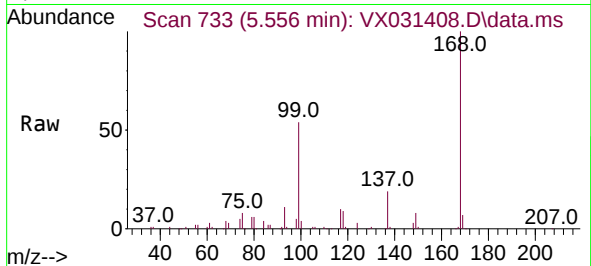




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

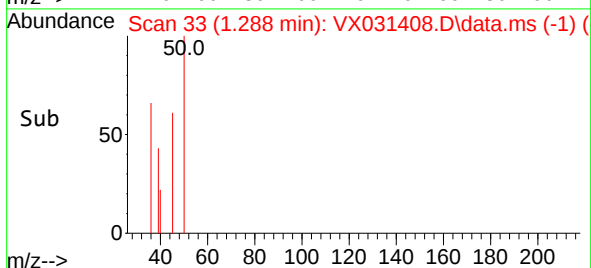
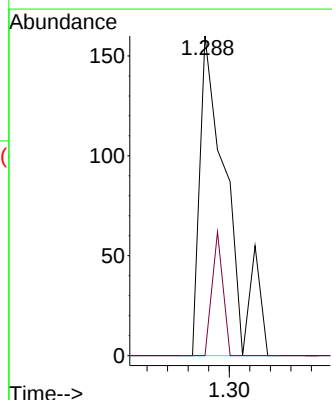
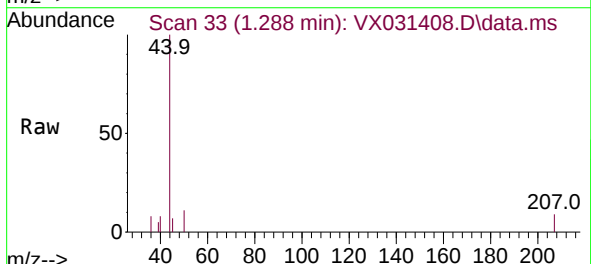
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL02

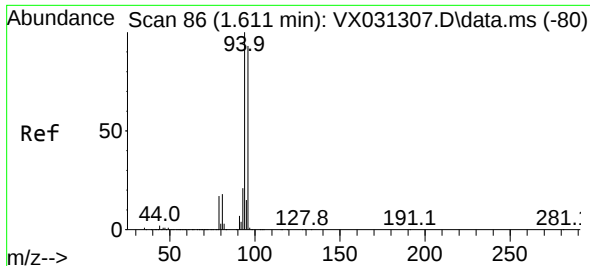
Tgt Ion:168 Resp: 86965
Ion Ratio Lower Upper
168 100
99 53.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

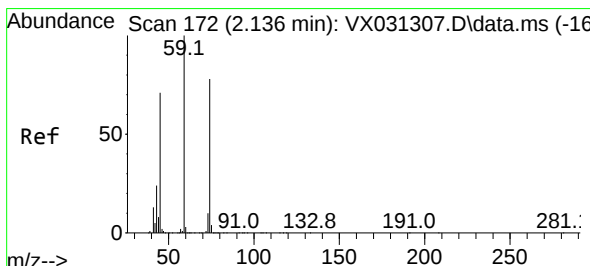
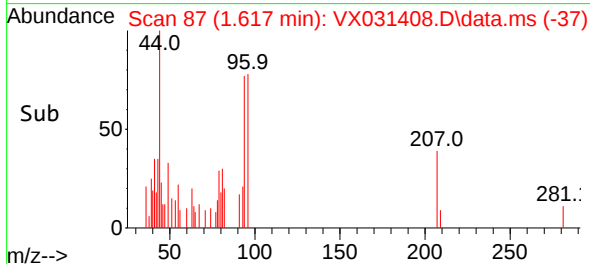
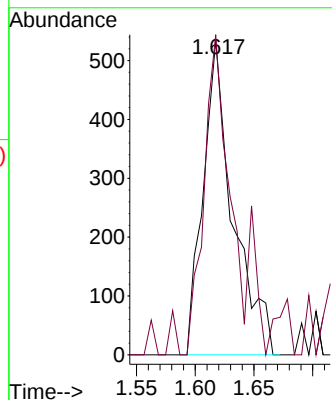
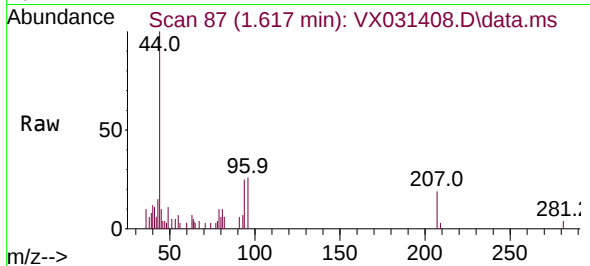




#5
Bromomethane
Concen: 0.831 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

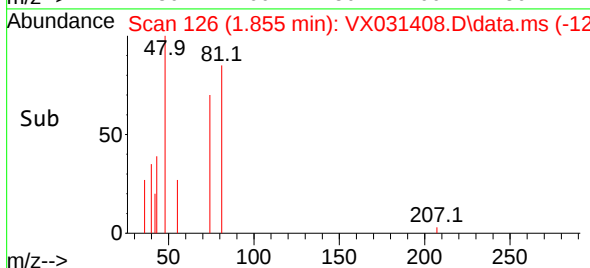
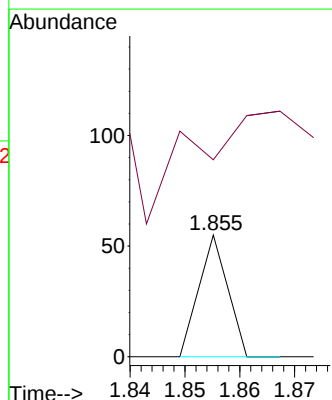
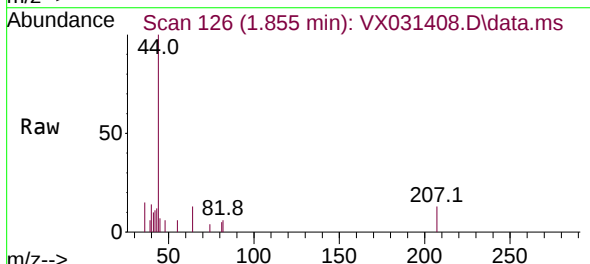
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL02

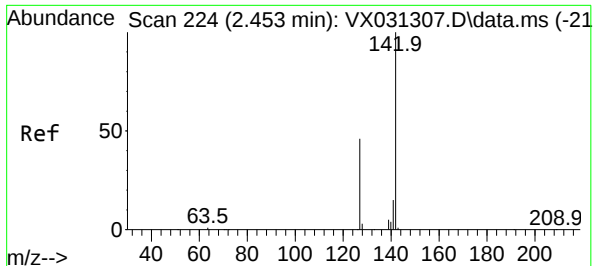
Tgt Ion: 94 Resp: 947
Ion Ratio Lower Upper
94 100
96 101.9 74.4 111.6



#8
Diethyl Ether
Concen: 0.545 ug/l
RT: 1.855 min Scan# 126
Delta R.T. -0.281 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#





#10

Methyl Iodide

Concen: 1.072 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX031408.D

Acq: 16 Sep 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBL02

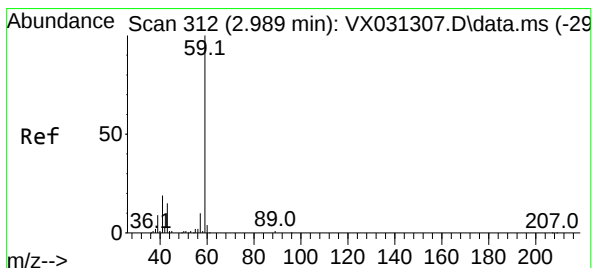
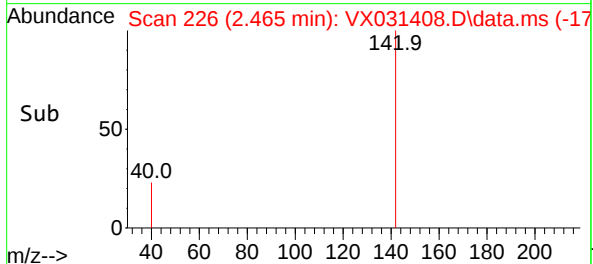
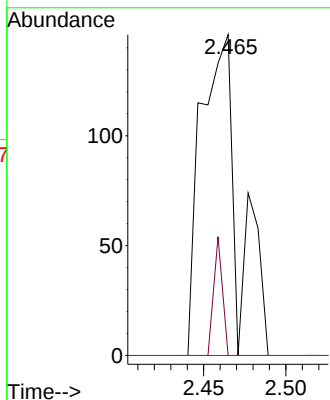
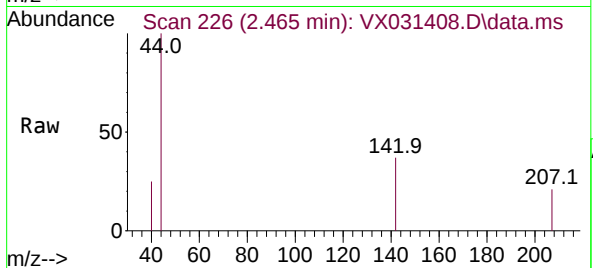
Tgt Ion:142 Resp: 234

Ion Ratio Lower Upper

142 100

127 8.5 37.4 56.0#

141 0.0 11.6 17.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031408.D

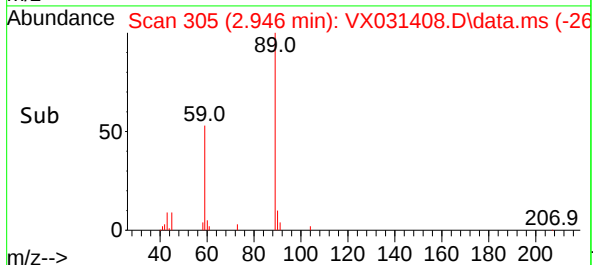
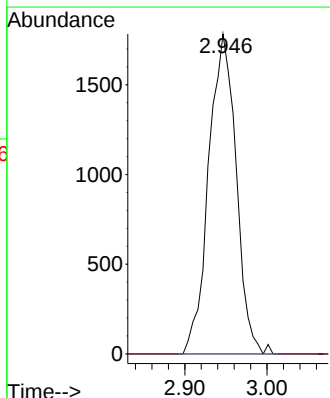
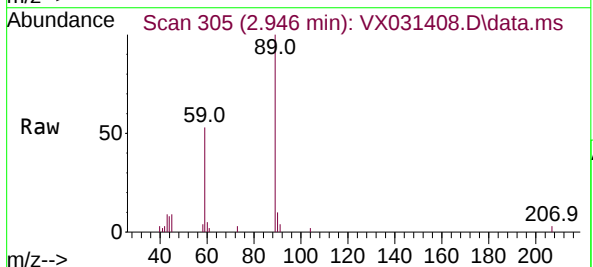
Acq: 16 Sep 2022 14:23

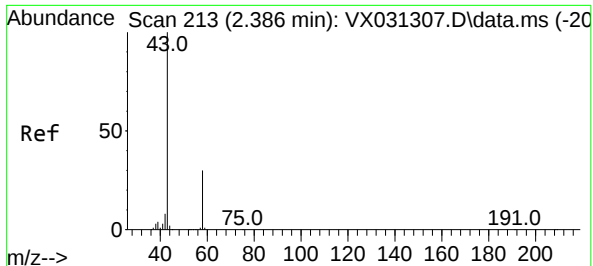
Tgt Ion: 59 Resp: 4151

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

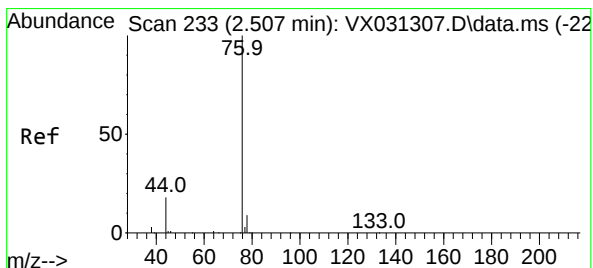
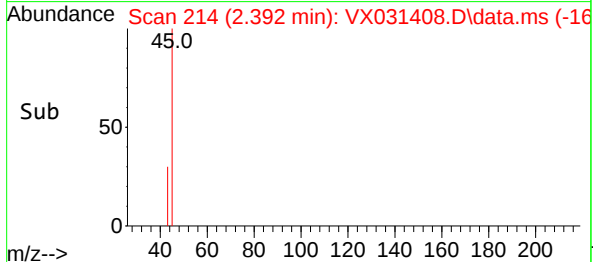
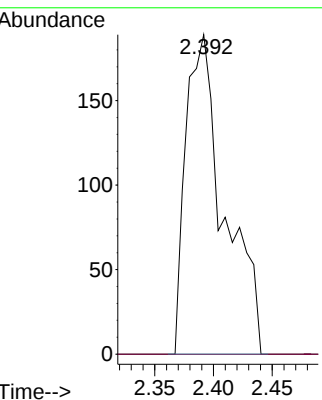
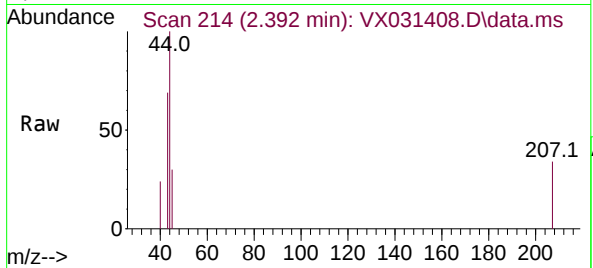




#16
Acetone
Concen: 0.473 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

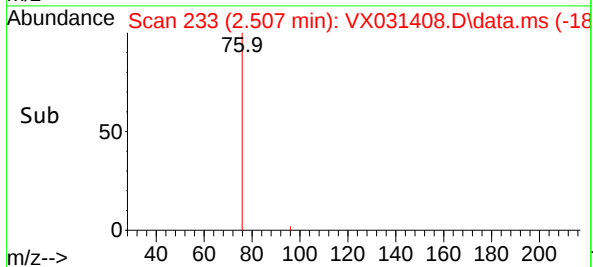
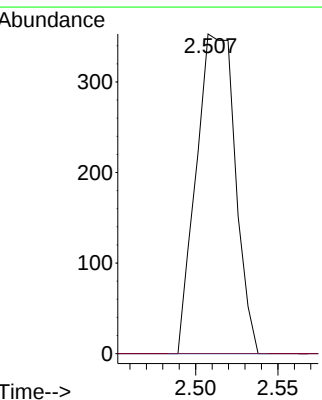
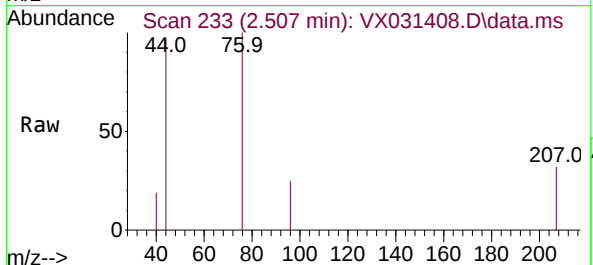
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL02

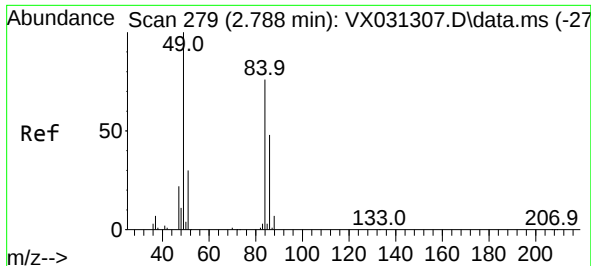
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 1.076 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion: 76 Resp: 580
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

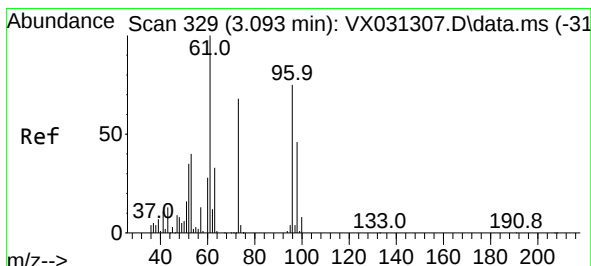
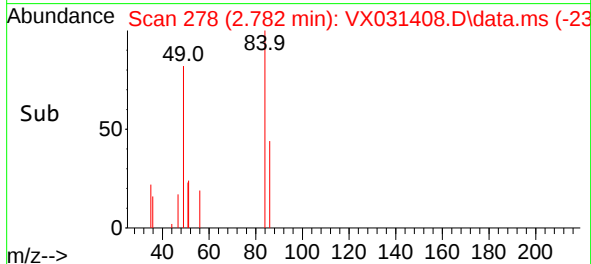
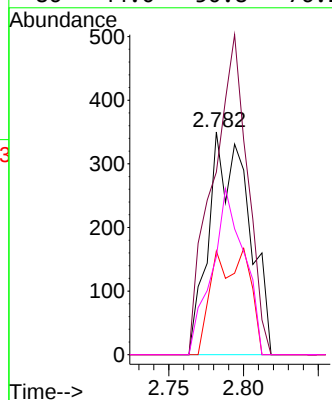
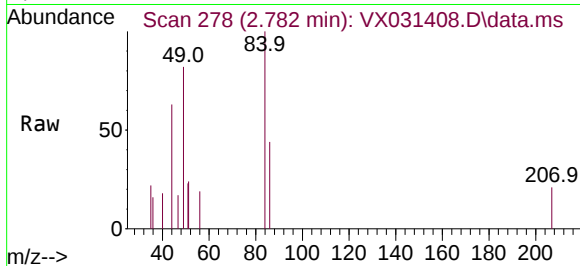




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

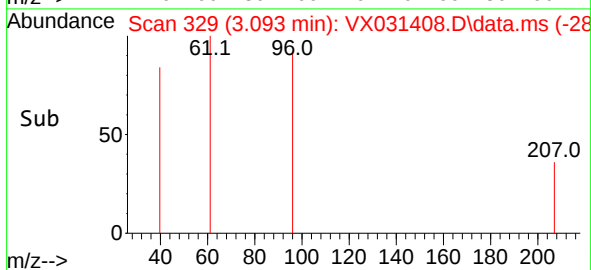
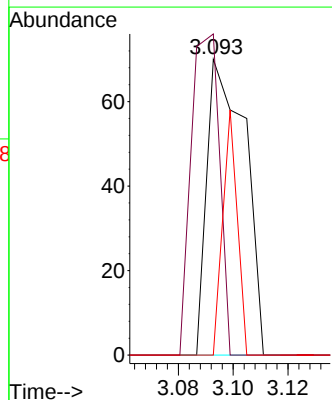
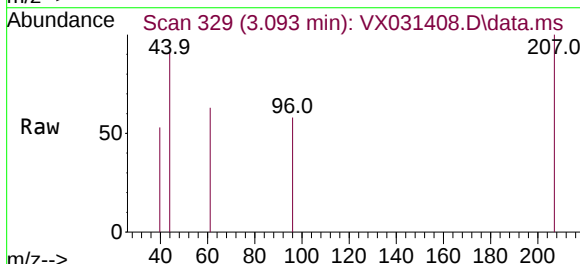
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL02

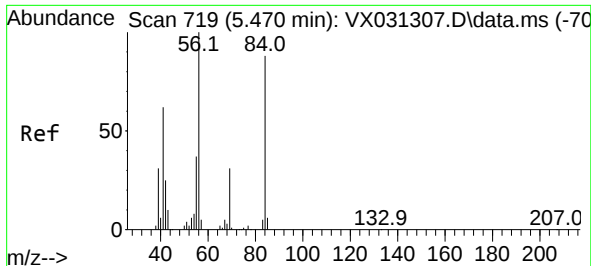
Tgt Ion:	84	Resp:	645
Ion	Ratio	Lower	Upper
84	100		
49	82.0	105.9	158.9#
51	46.6	32.2	48.2
86	44.0	50.8	76.2#



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion:	96	Resp:	67
Ion	Ratio	Lower	Upper
96	100		
61	108.6	106.7	160.1
98	0.0	48.7	73.1#

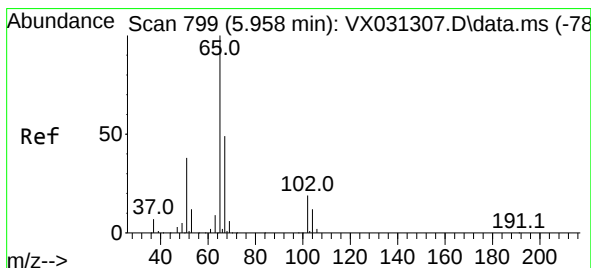
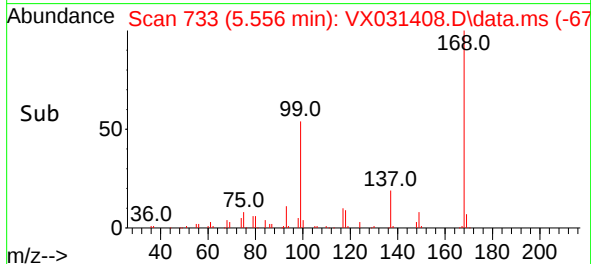
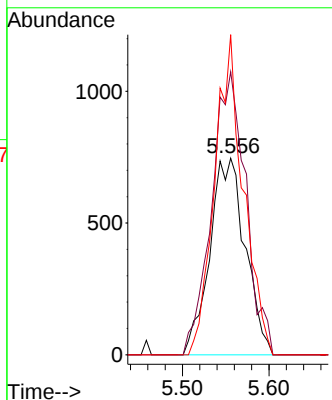
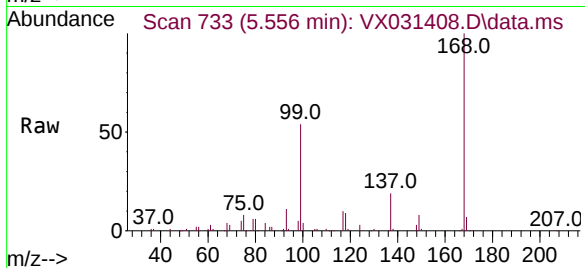




#31
Cyclohexane
Concen: 0.927 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

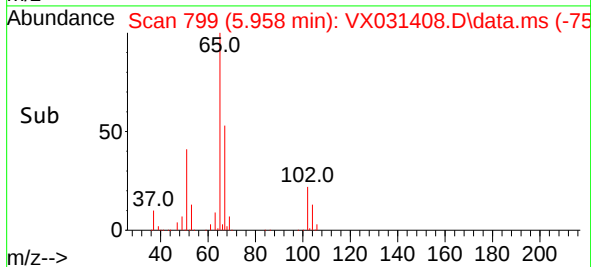
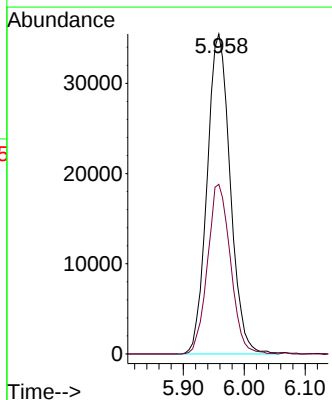
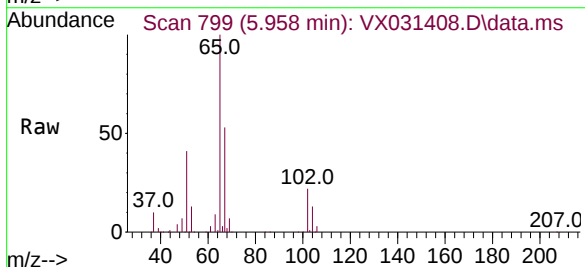
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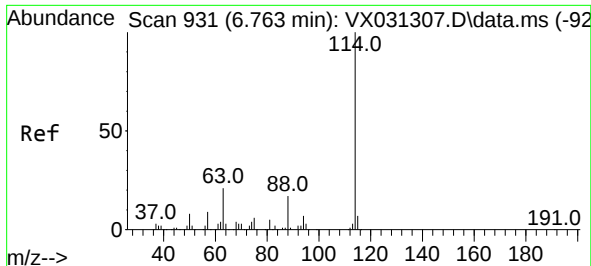
Tgt Ion: 56 Resp: 2126
Ion Ratio Lower Upper
56 100
69 144.0 25.1 37.7#
84 162.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 43.869 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion: 65 Resp: 93642
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

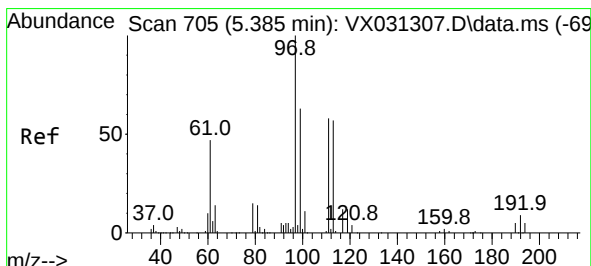
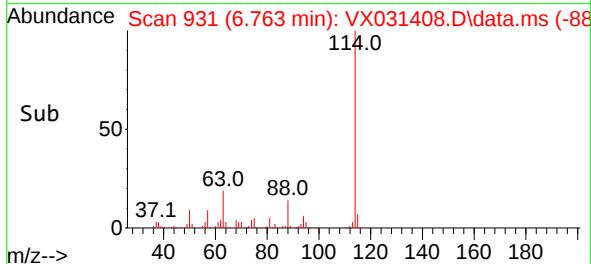
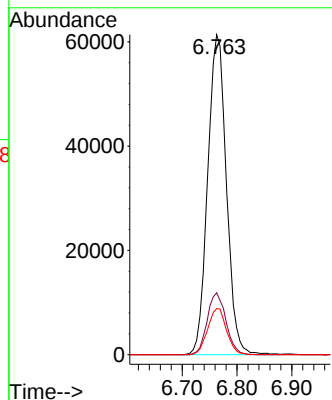
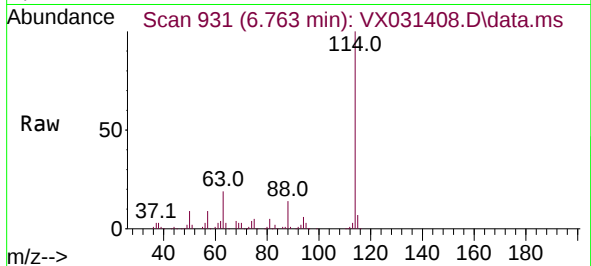




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

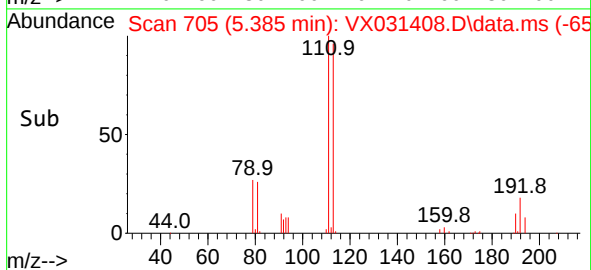
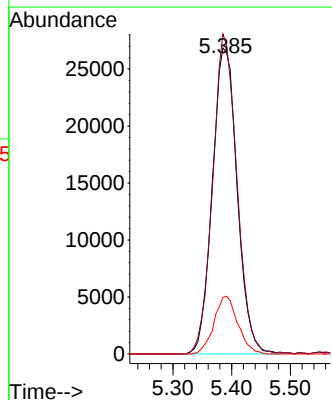
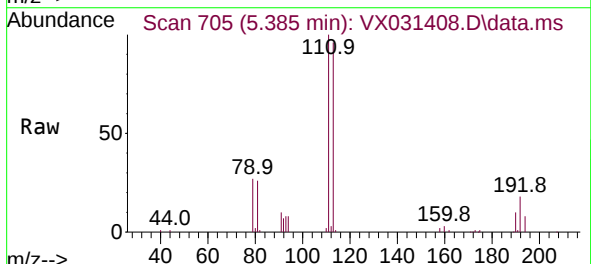
Instrument :
MSVOA_X
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VX0916WBL02

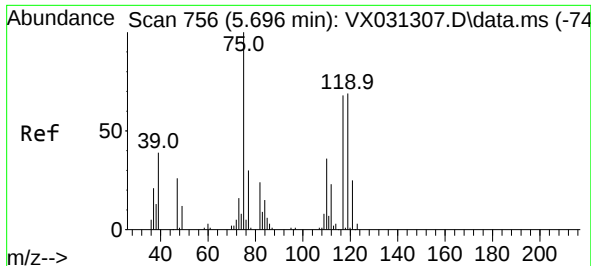
Tgt Ion:114 Resp: 145324
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion:113 Resp: 78929
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.1 14.1 21.1

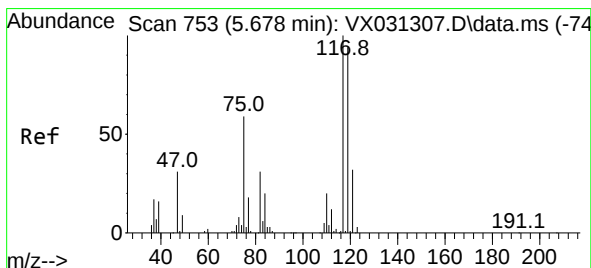
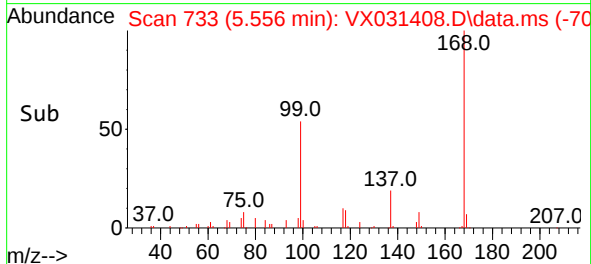
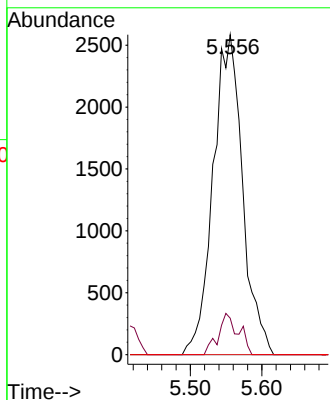
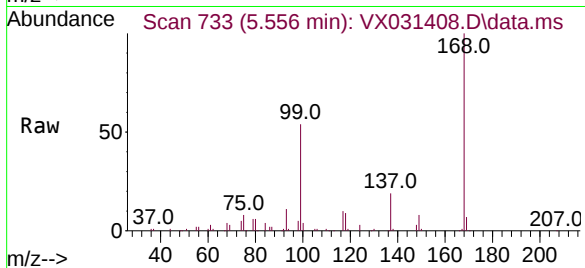




#36
1,1-Dichloropropene
Concen: 3.458 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

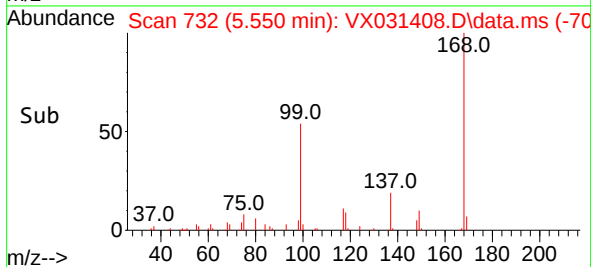
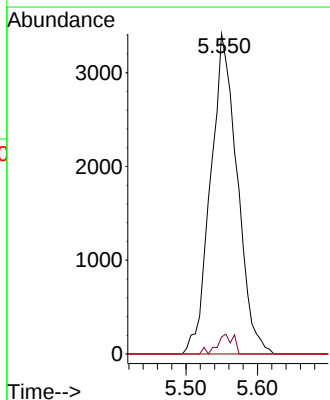
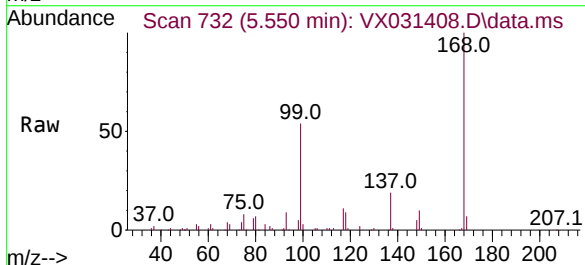
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBL02

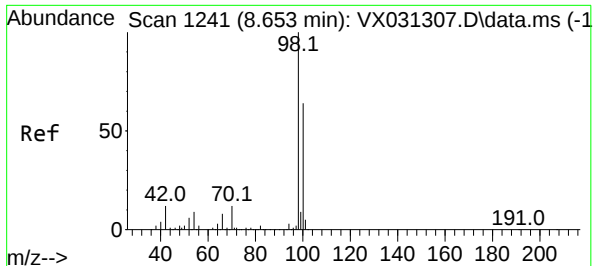
Tgt Ion: 75 Resp: 7394
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.800 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031408.D
Acq: 16 Sep 2022 14:23

Tgt Ion: 117 Resp: 8831
Ion Ratio Lower Upper
117 100
119 5.3 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.857 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031408.D

Acq: 16 Sep 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

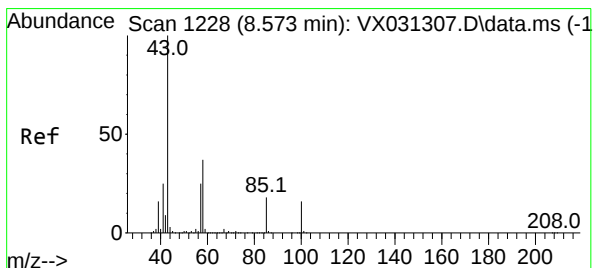
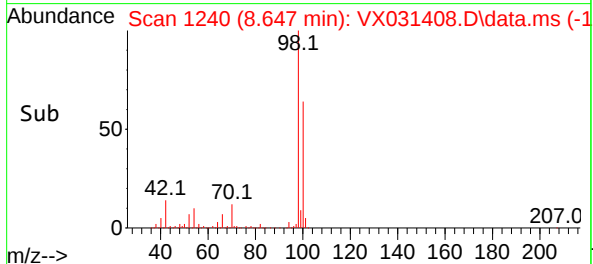
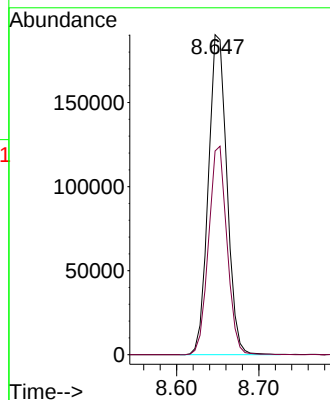
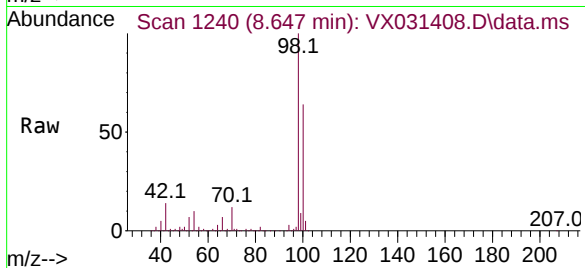
VX0916WBL02

Tgt Ion: 98 Resp: 298011

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.483 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031408.D

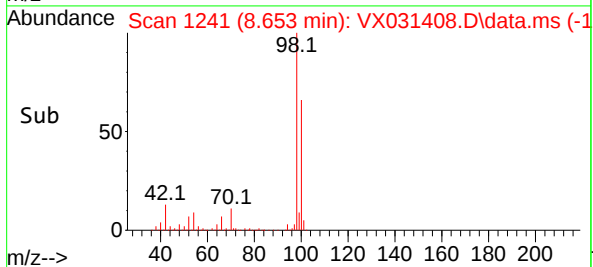
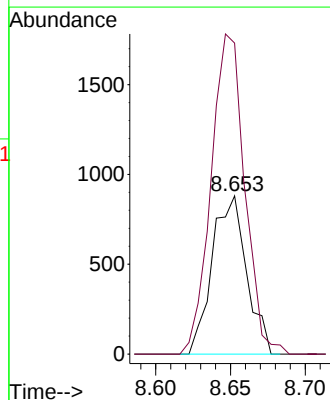
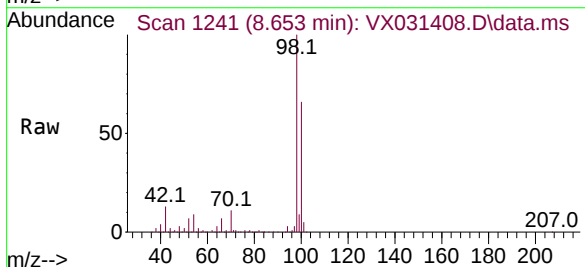
Acq: 16 Sep 2022 14:23

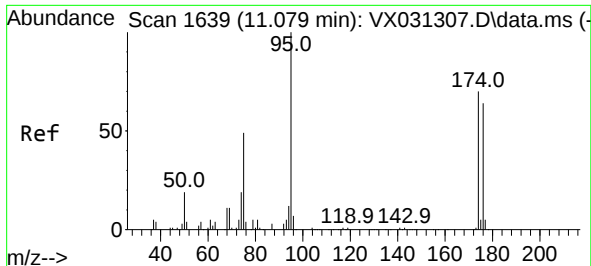
Tgt Ion: 43 Resp: 1407

Ion Ratio Lower Upper

43 100

58 198.6 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 45.758 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031408.D

Acq: 16 Sep 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBL02

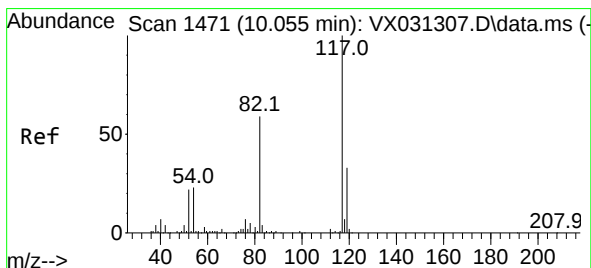
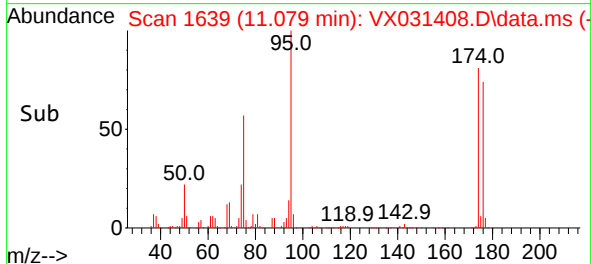
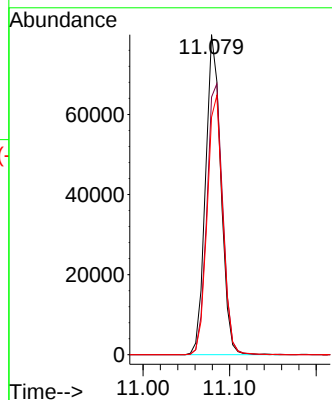
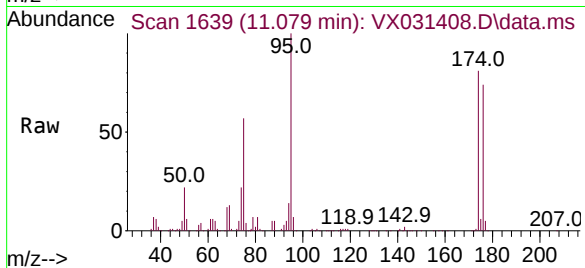
Tgt Ion: 95 Resp: 98187

Ion Ratio Lower Upper

95 100

174 88.0 0.0 153.2

176 82.9 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: VX031408.D

Acq: 16 Sep 2022 14:23

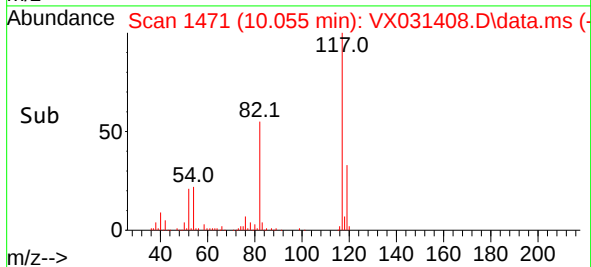
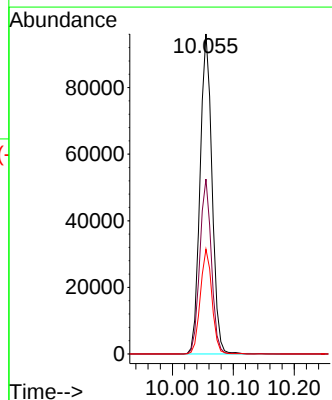
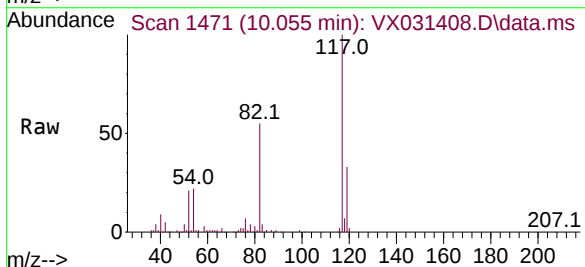
Tgt Ion: 117 Resp: 131024

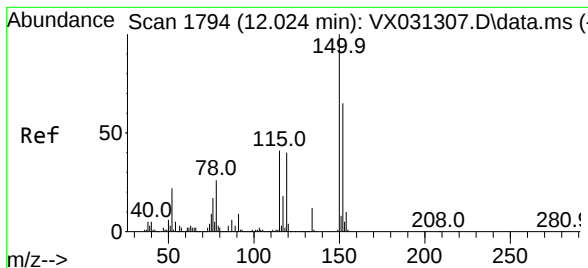
Ion Ratio Lower Upper

117 100

82 54.6 46.8 70.2

119 32.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031408.D

Acq: 16 Sep 2022 14:23

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBL02

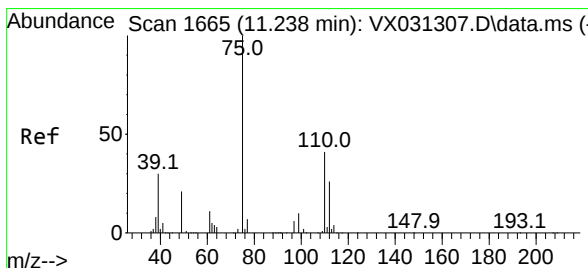
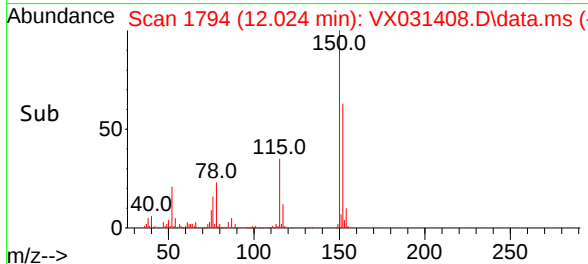
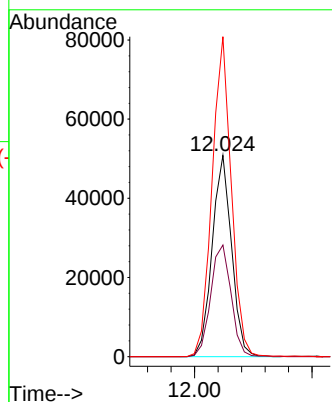
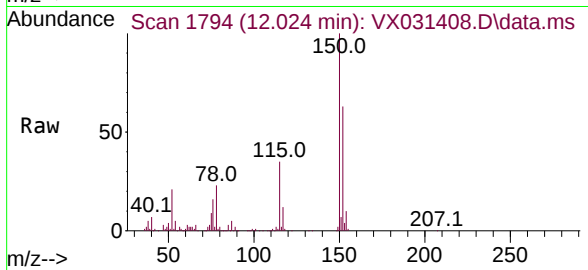
Tgt Ion:152 Resp: 58242

Ion Ratio Lower Upper

152 100

115 58.4 43.4 130.1

150 157.3 0.0 346.8



#76

1,2,3-Trichloropropane

Concen: 38.716 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031408.D

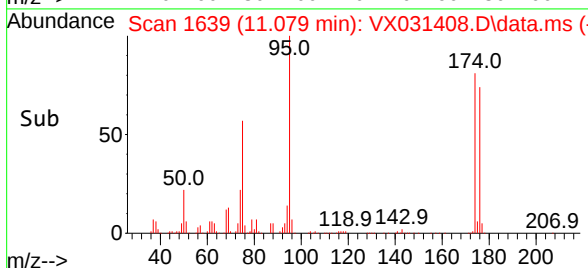
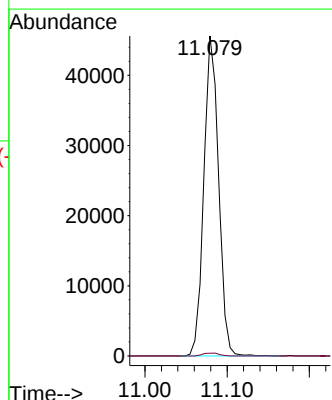
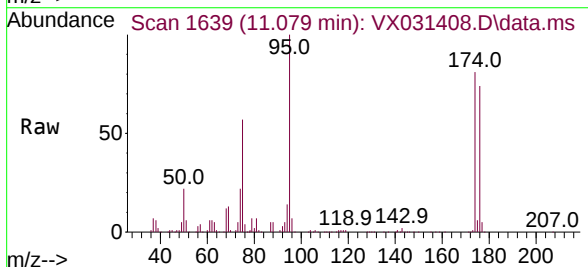
Acq: 16 Sep 2022 14:23

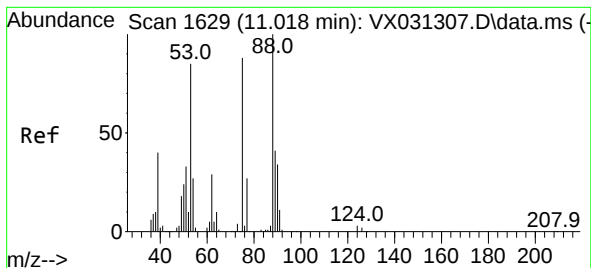
Tgt Ion: 75 Resp: 56823

Ion Ratio Lower Upper

75 100

77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.127 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031408.D
 Acq: 16 Sep 2022 14:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBL02

Tgt Ion: 75 Resp: 56823
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

