

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032330.D
 Acq On : 24 Oct 2022 11:13
 Operator : JC/MD
 Sample : VX1024WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBL01

Quant Time: Oct 25 03:25:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

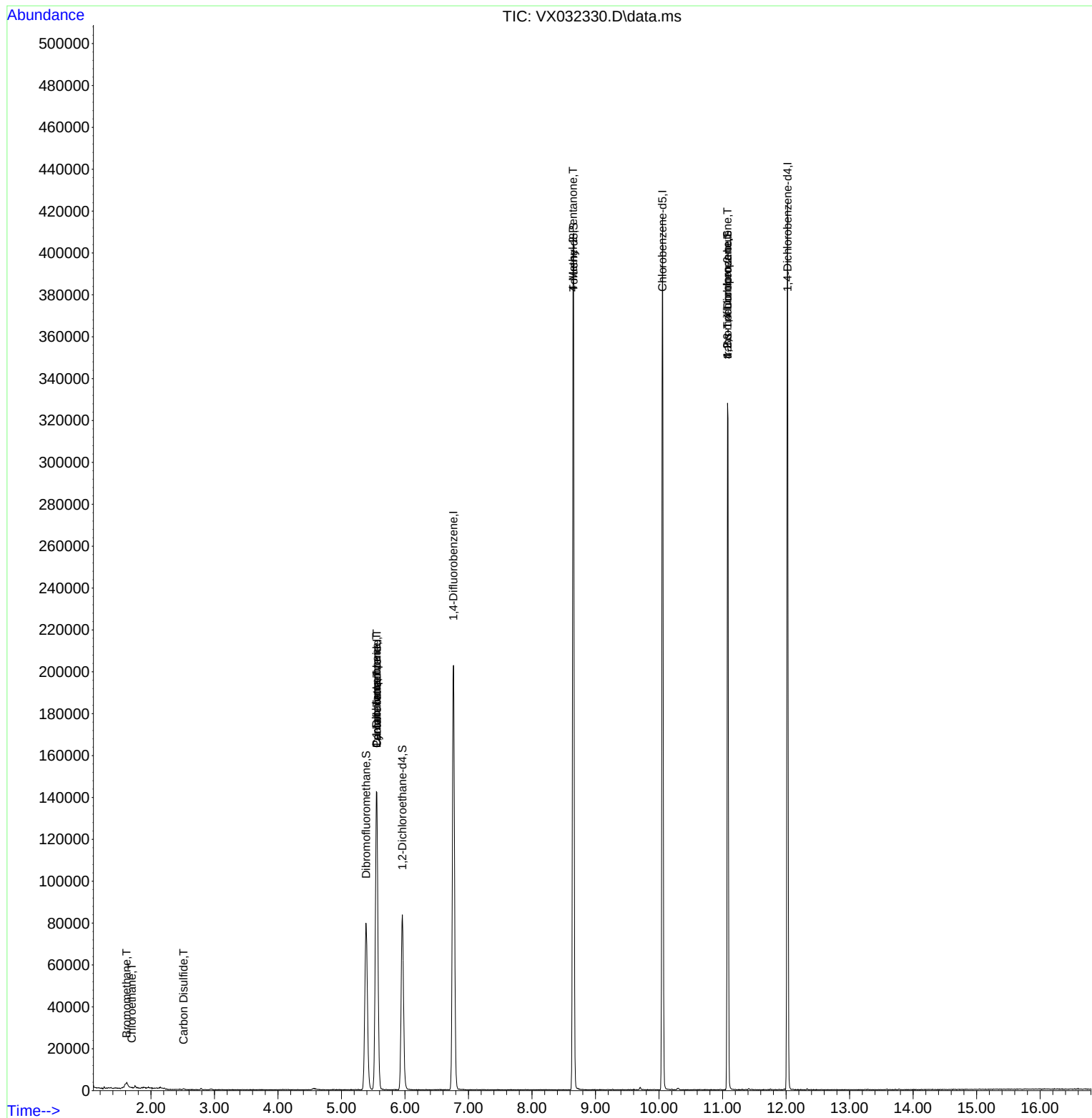
Internal Standards						
1) Pentafluorobenzene	5.556	168	134487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82429	47.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.220%		
35) Dibromofluoromethane	5.385	113	67399	46.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.653	98	244282	46.712	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.420%		
62) 4-Bromofluorobenzene	11.079	95	83837	43.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	64	Below Cal	#	44
5) Bromomethane	1.618	94	322	0.232	ug/l	90
6) Chloroethane	1.697	64	85	2.014	ug/l #	41
11) Tert butyl alcohol	2.947	59	177	Below Cal	#	74
17) Carbon Disulfide	2.514	76	587	0.209	ug/l #	74
31) Cyclohexane	5.556	56	2912	1.456	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	10258	5.489	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13988	7.090	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1153	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45651	26.849	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	45651	82.455	ug/l #	6

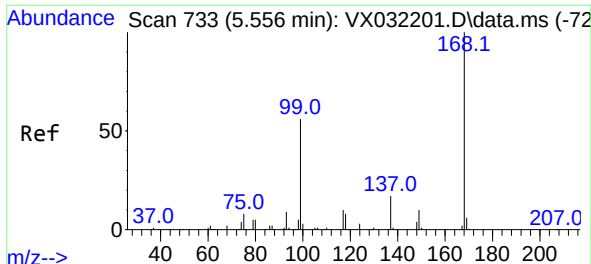
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 25 03:25:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
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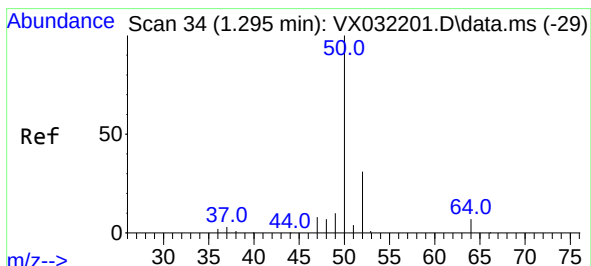
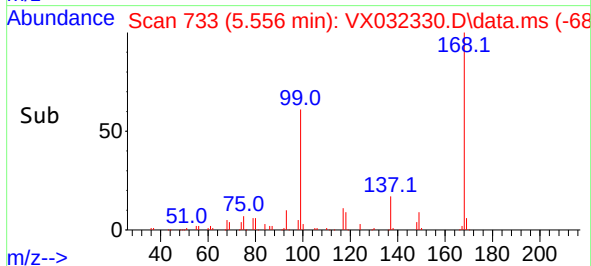
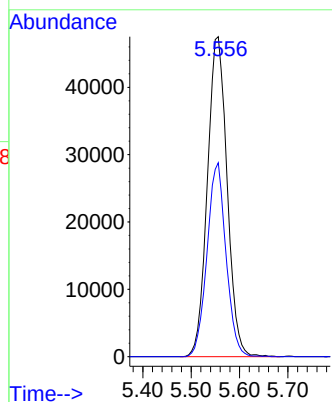
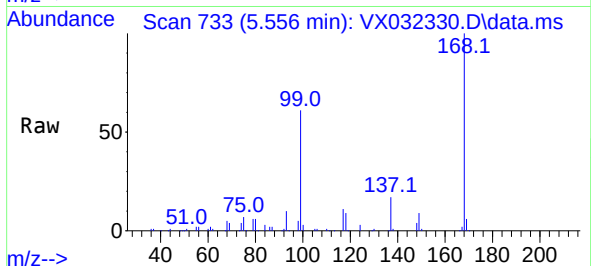




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

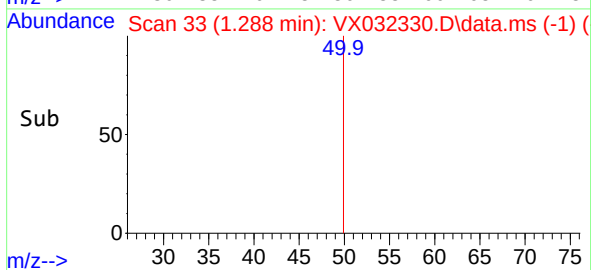
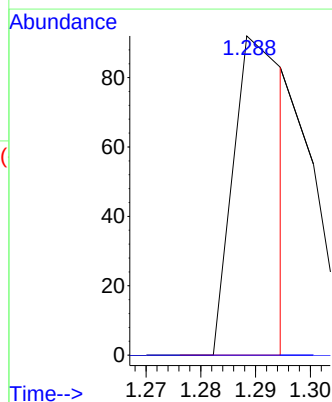
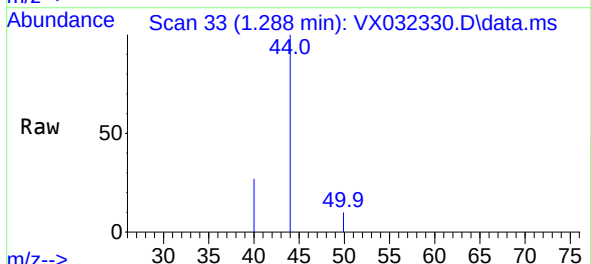
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

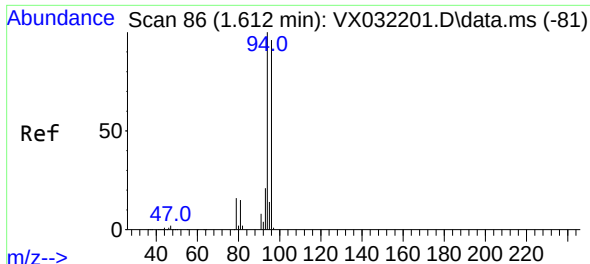
Tgt Ion:168 Resp: 134487
Ion Ratio Lower Upper
168 100
99 60.6 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

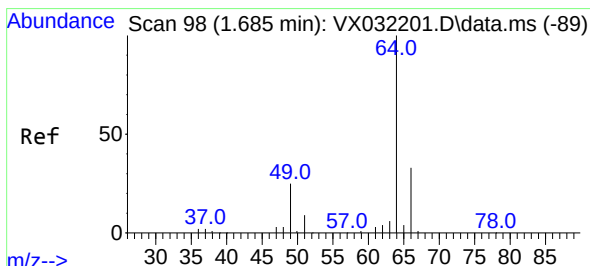
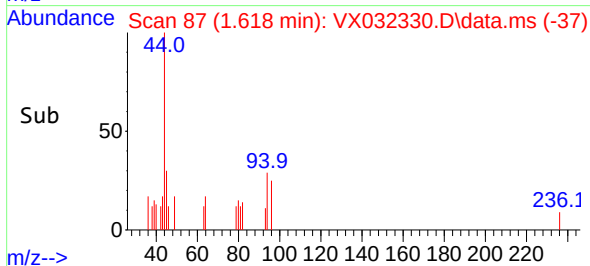
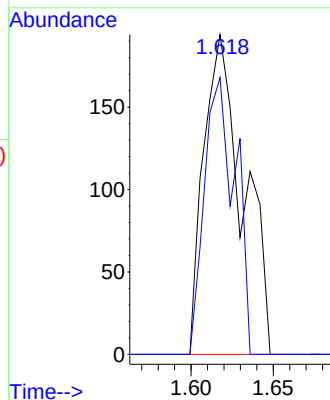
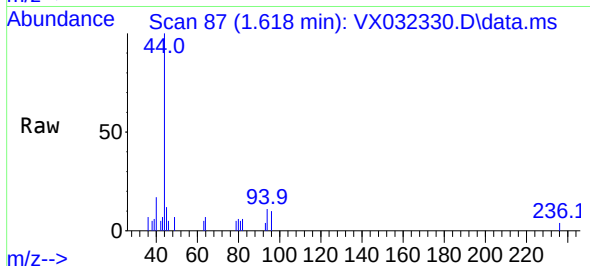




#5
Bromomethane
Concen: 0.232 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

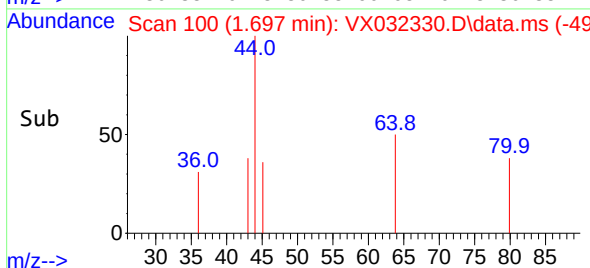
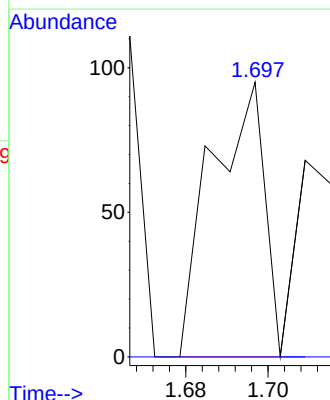
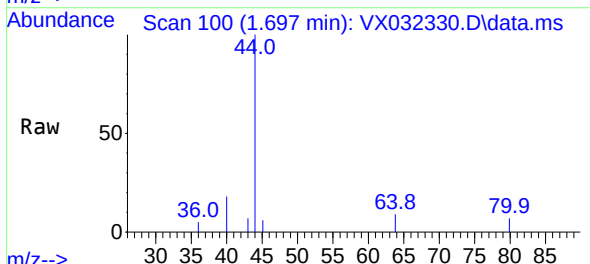
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

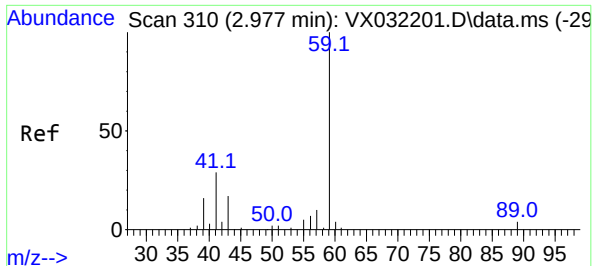
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 86.6 76.7 115.1



#6
Chloroethane
Concen: 2.014 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX032330.D

Acq: 24 Oct 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

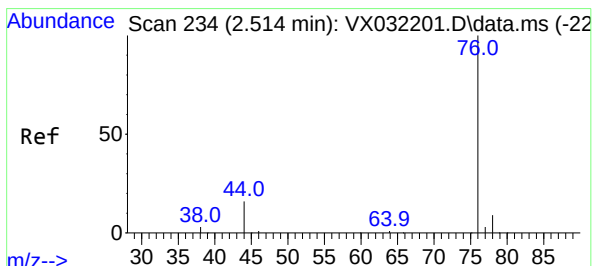
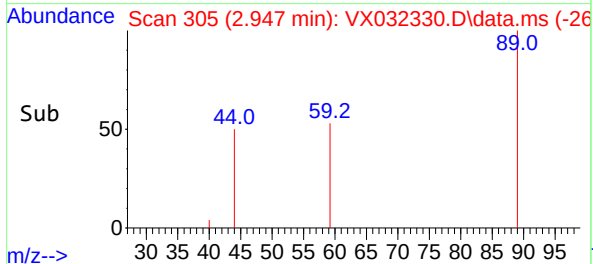
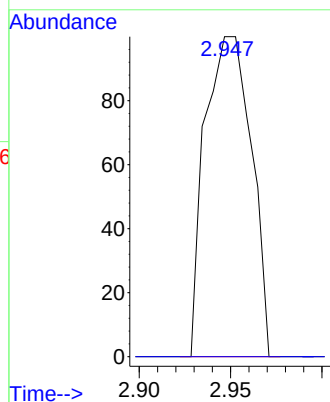
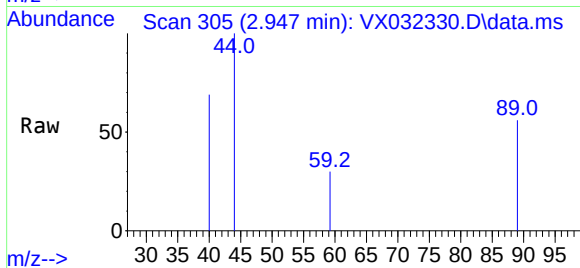
VX1024WBL01

Tgt Ion: 59 Resp: 177

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX032330.D

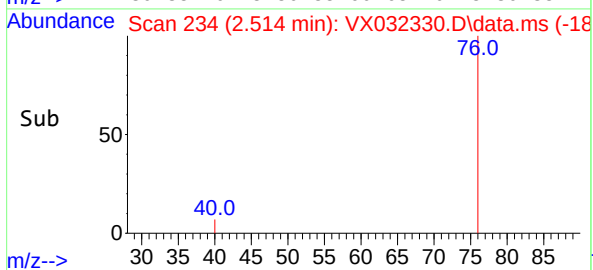
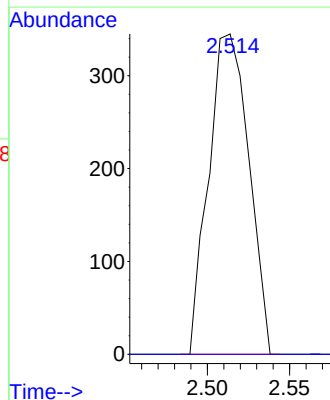
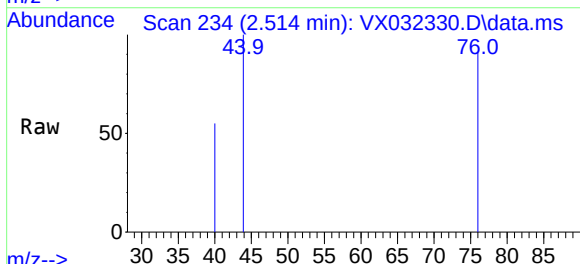
Acq: 24 Oct 2022 11:13

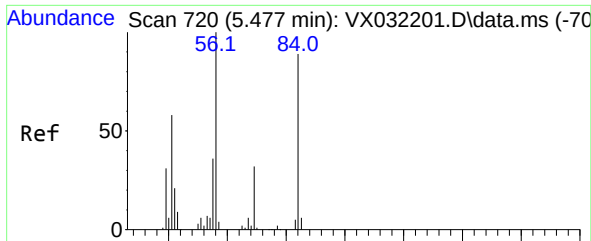
Tgt Ion: 76 Resp: 587

Ion Ratio Lower Upper

76 100

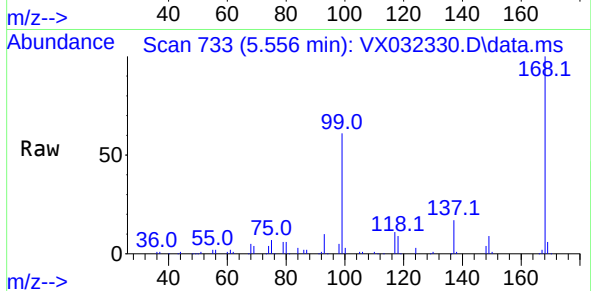
78 0.0 7.6 11.4#



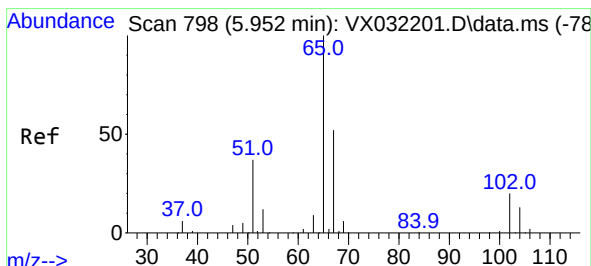
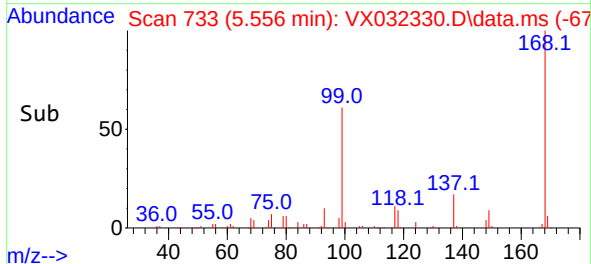
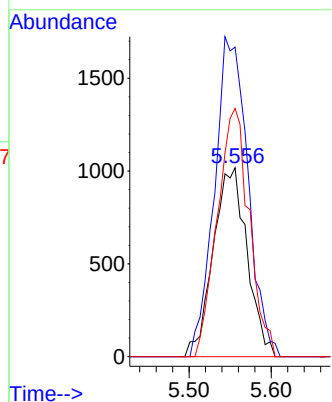


#31
Cyclohexane
Concen: 1.456 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

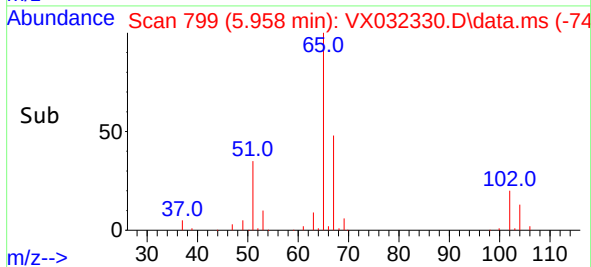
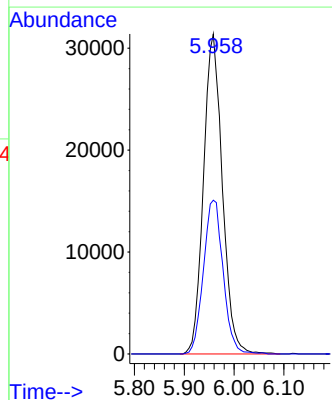
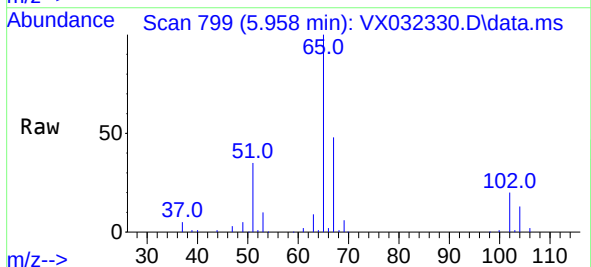


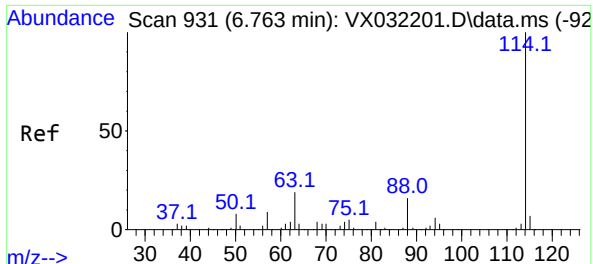
Tgt Ion: 56 Resp: 2912
Ion Ratio Lower Upper
56 100
69 163.9 25.4 38.0#
84 131.4 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 47.115 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion: 65 Resp: 82429
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.6

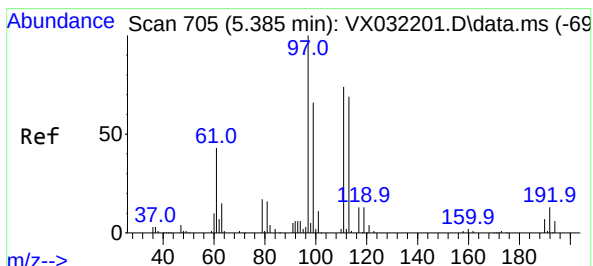
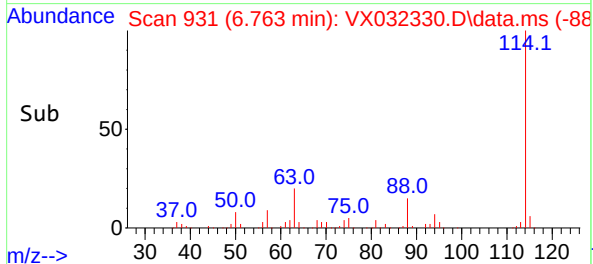
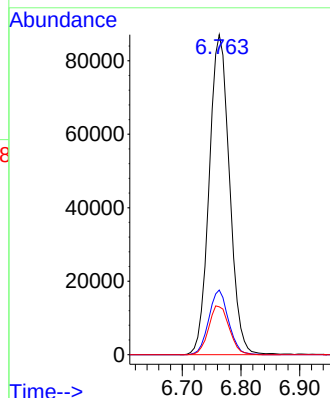
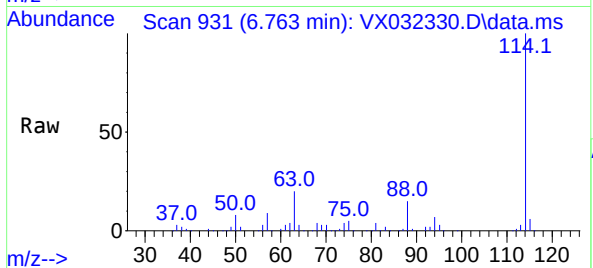




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

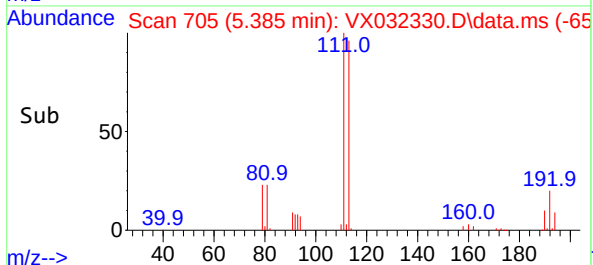
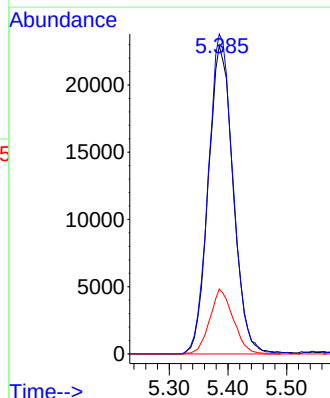
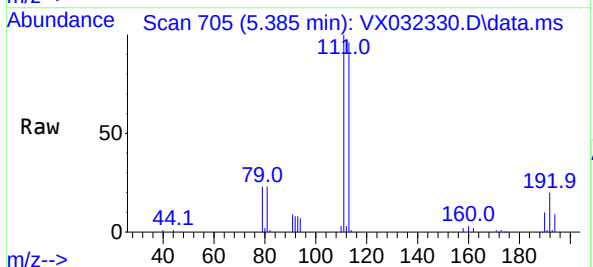
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

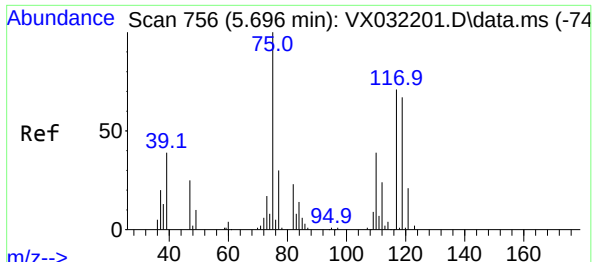
Tgt Ion:114 Resp: 208770
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 14.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.394 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion:113 Resp: 67399
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.8 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.489 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032330.D

Acq: 24 Oct 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBL01

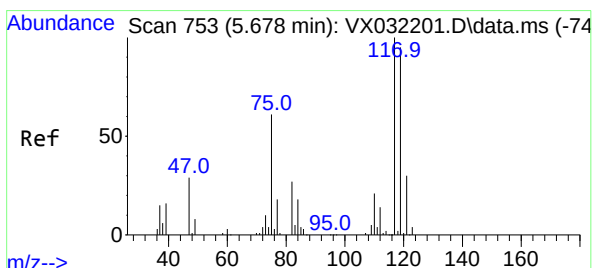
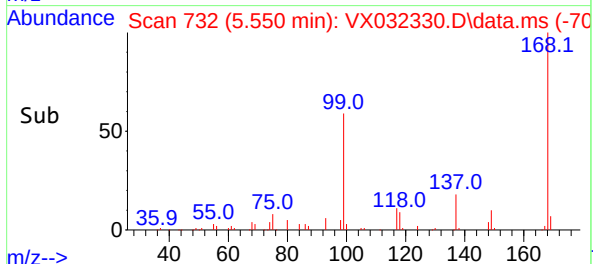
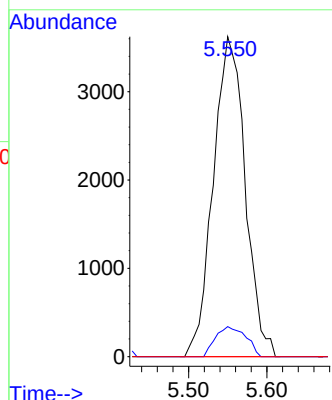
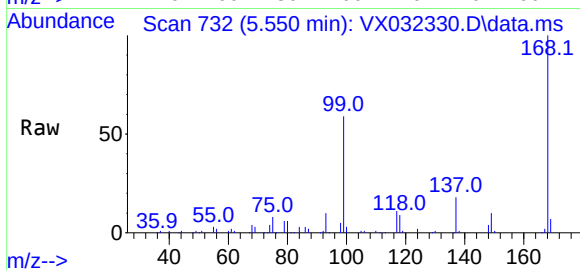
Tgt Ion: 75 Resp: 10258

Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.090 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX032330.D

Acq: 24 Oct 2022 11:13

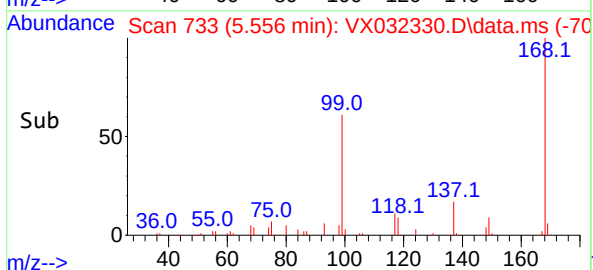
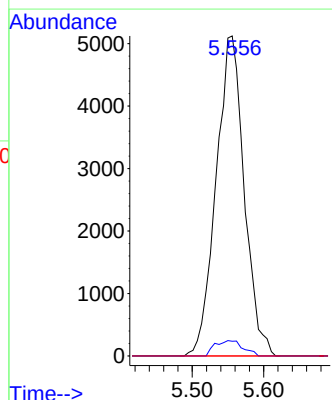
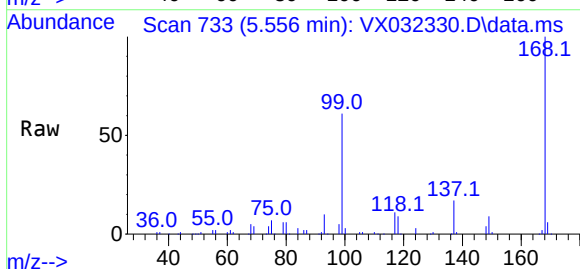
Tgt Ion: 117 Resp: 13988

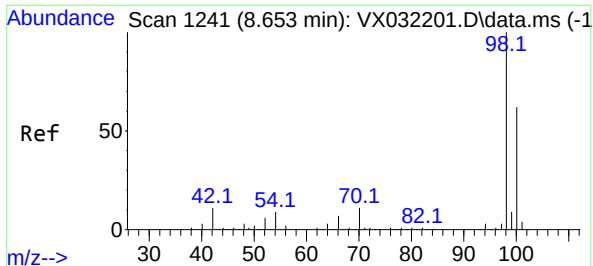
Ion Ratio Lower Upper

117 100

119 4.6 75.4 113.0#

121 0.0 23.9 35.9#

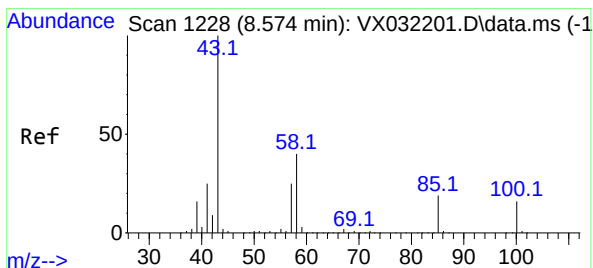
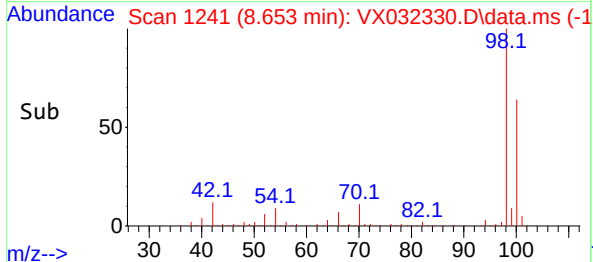
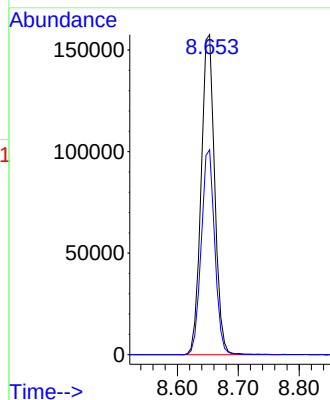
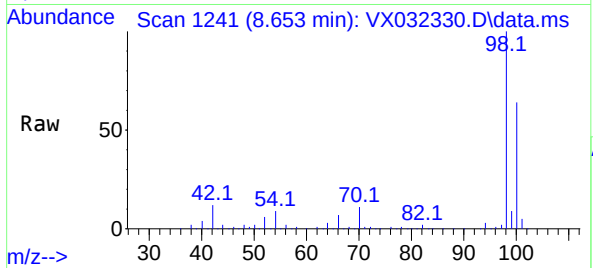




#50
Toluene-d8
Concen: 46.712 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

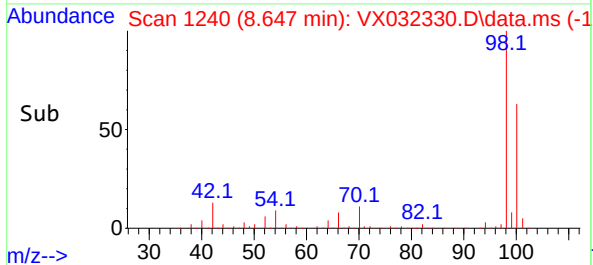
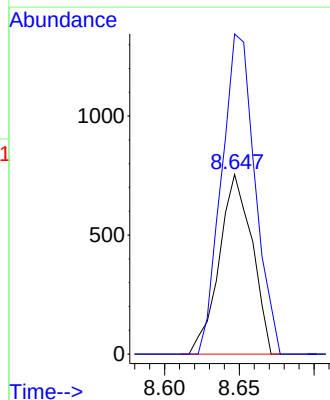
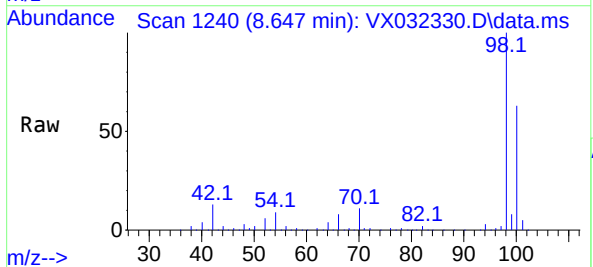
Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

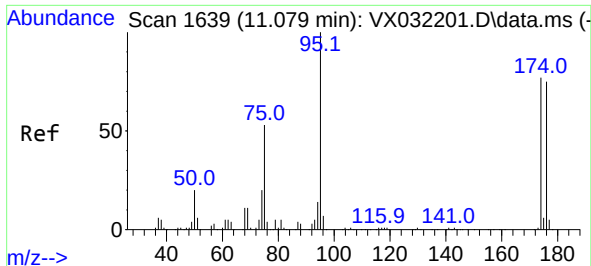
Tgt Ion: 98 Resp: 244282
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 181.2 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 43.780 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032330.D

Acq: 24 Oct 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBL01

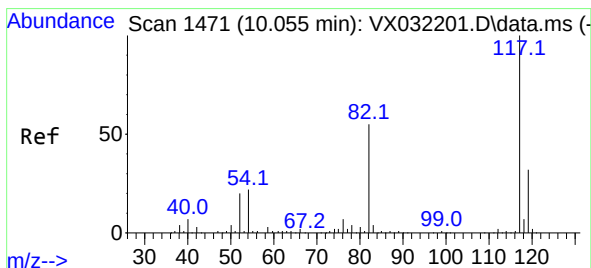
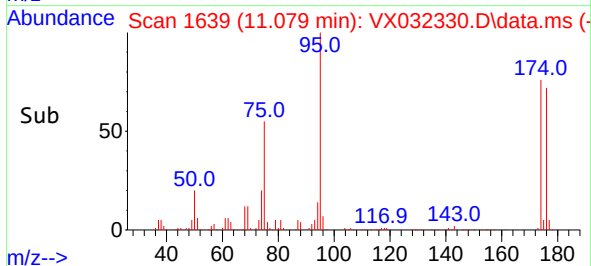
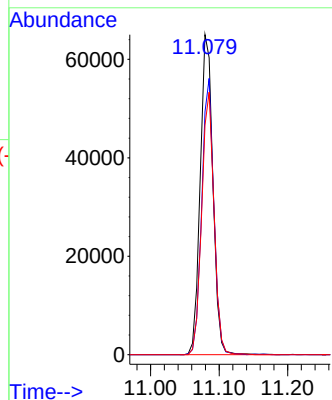
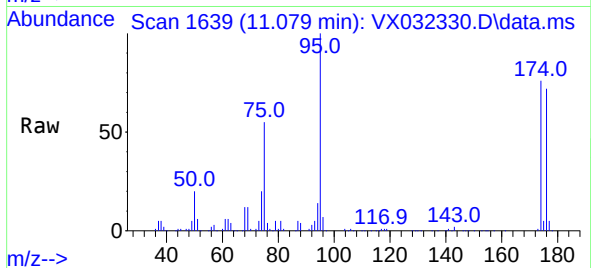
Tgt Ion: 95 Resp: 83837

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.8

176 79.8 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032330.D

Acq: 24 Oct 2022 11:13

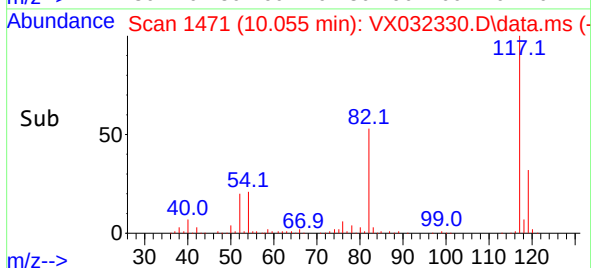
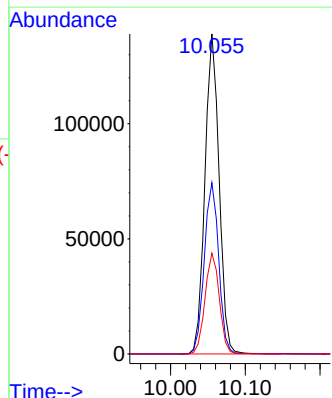
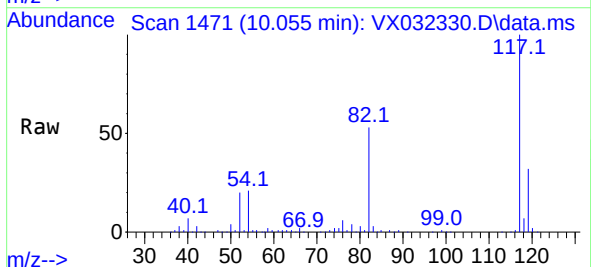
Tgt Ion: 117 Resp: 183078

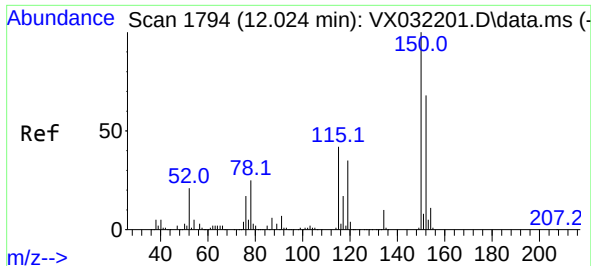
Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.4

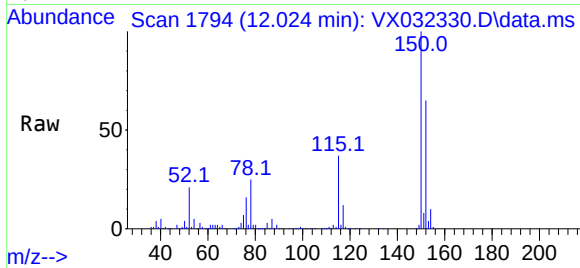
119 31.5 25.8 38.8



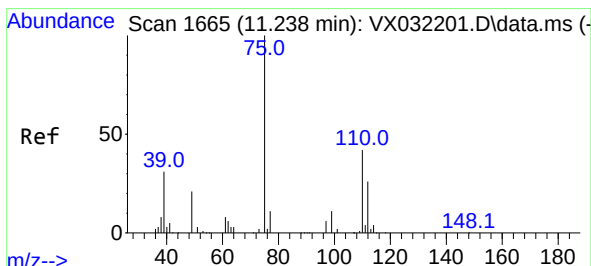
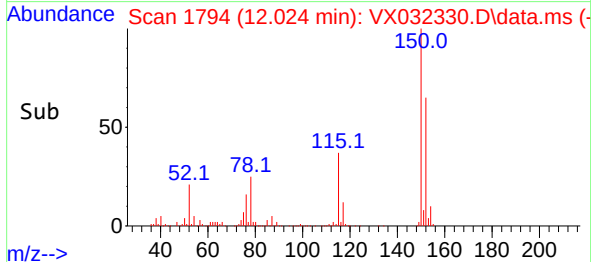
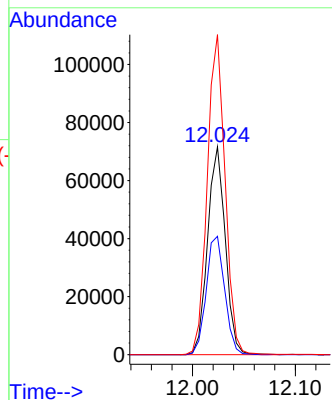


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBL01

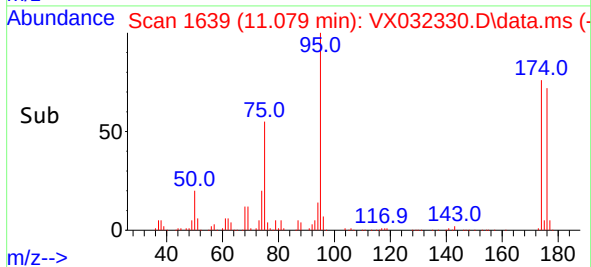
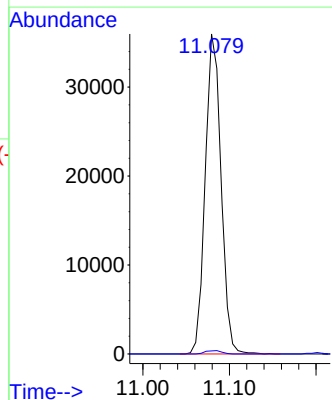
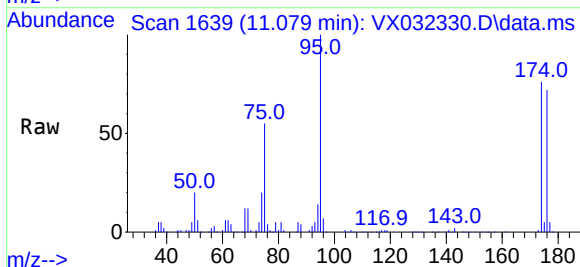


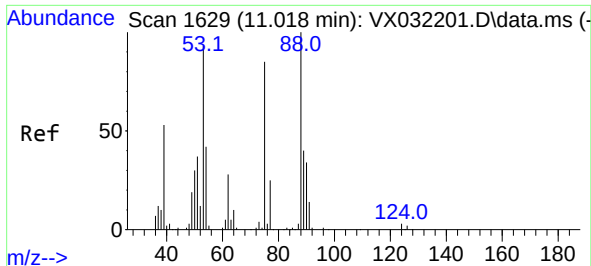
Tgt Ion:152 Resp: 85811
Ion Ratio Lower Upper
152 100
115 59.5 43.1 129.4
150 155.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 26.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032330.D
Acq: 24 Oct 2022 11:13

Tgt Ion: 75 Resp: 45651
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.455 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032330.D
 Acq: 24 Oct 2022 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBL01

Tgt Ion: 75 Resp: 45651
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

