

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032253.D
 Acq On : 20 Oct 2022 11:24
 Operator : JC/MD
 Sample : VX1020MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBL01

Quant Time: Oct 21 01:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

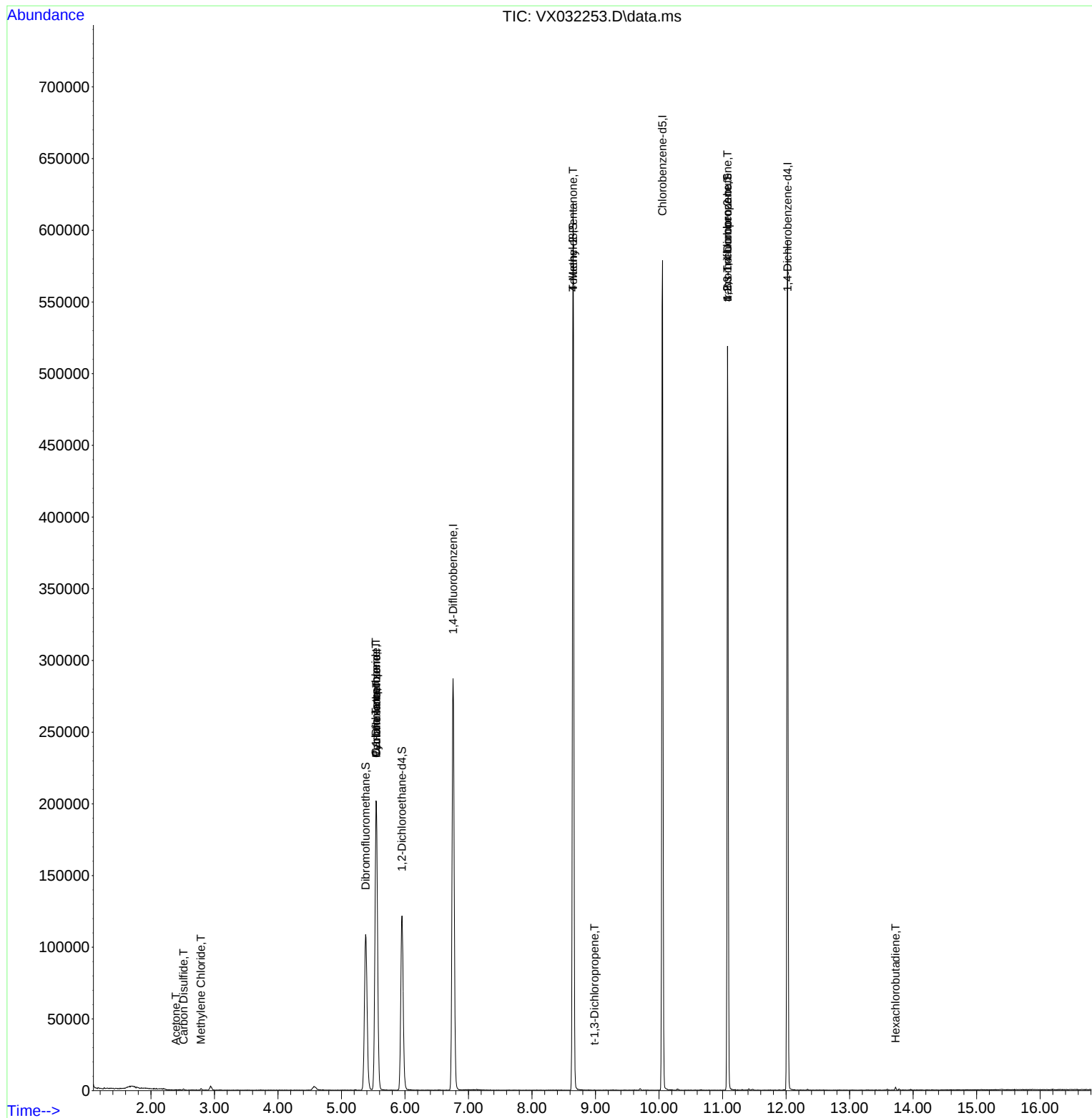
Internal Standards						
1) Pentafluorobenzene	5.550	168	189603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	293621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123505	50.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.140%			
35) Dibromofluoromethane	5.379	113	94238	46.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.240%			
50) Toluene-d8	8.647	98	356387	48.456	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.920%			
62) 4-Bromofluorobenzene	11.079	95	128016	47.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	83	Below Cal	#	44
11) Tert butyl alcohol	2.940	59	1617	Below Cal	#	74
16) Acetone	2.392	43	350	0.437	ug/l #	44
17) Carbon Disulfide	2.514	76	846	0.214	ug/l #	74
20) Methylene Chloride	2.788	84	506	0.246	ug/l #	79
31) Cyclohexane	5.550	56	4105	1.456	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	14938	5.684	ug/l #	49
38) Carbon Tetrachloride	5.544	117	20483	7.382	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1505	0.594	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	41	1.832	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	69298	29.058	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	69298	89.010	ug/l #	6
94) Hexachlorobutadiene	13.725	225	384	0.342	ug/l	96

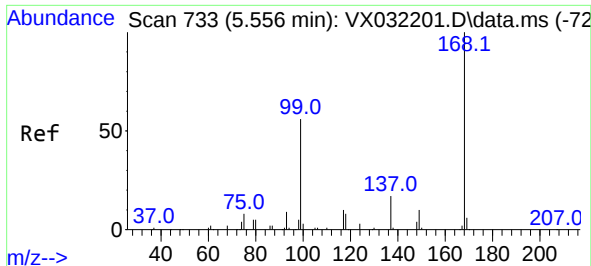
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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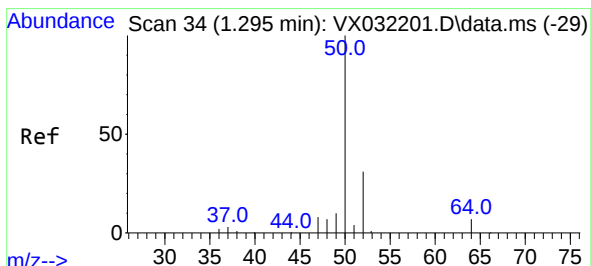
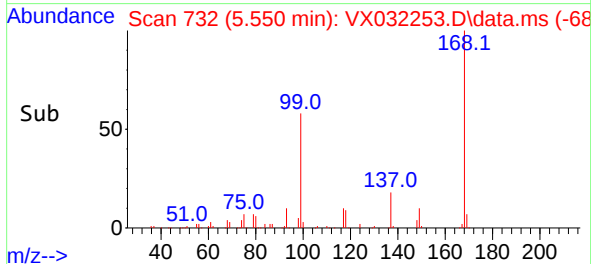
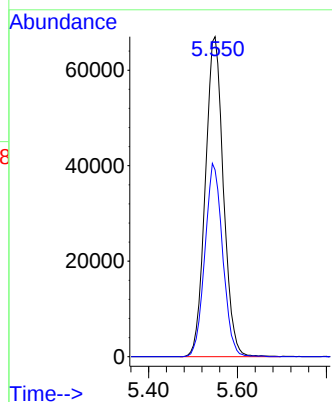
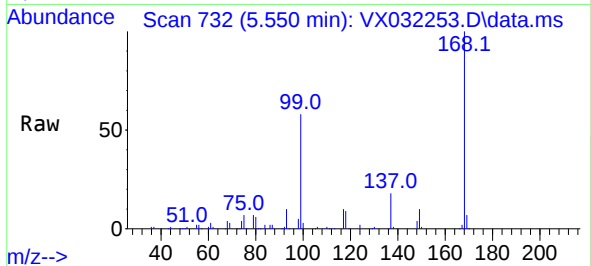




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

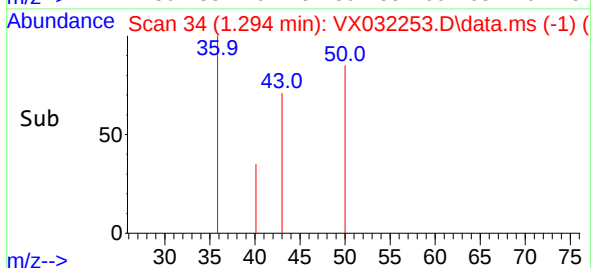
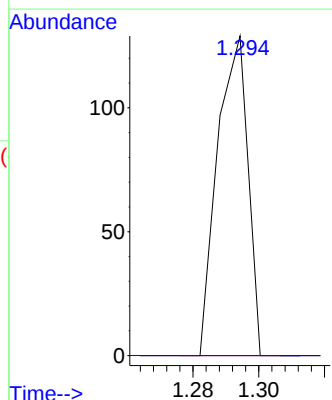
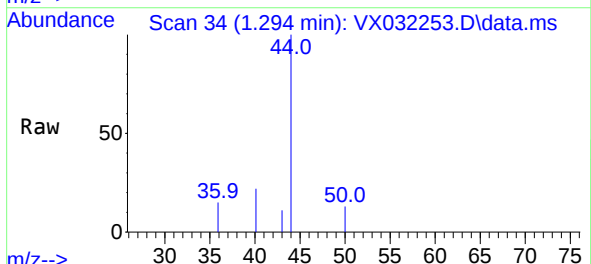
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

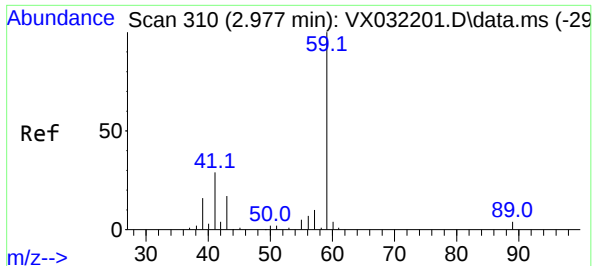
Tgt Ion:168 Resp: 189603
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion: 50 Resp: 83
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX032253.D

Acq: 20 Oct 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

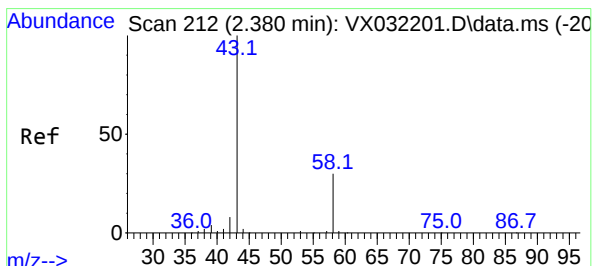
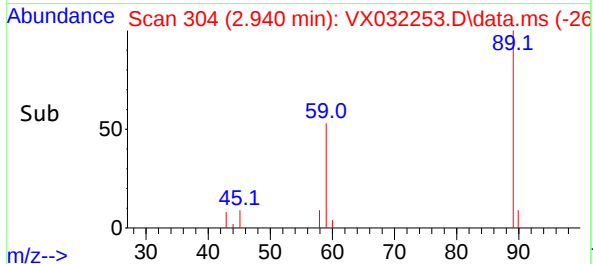
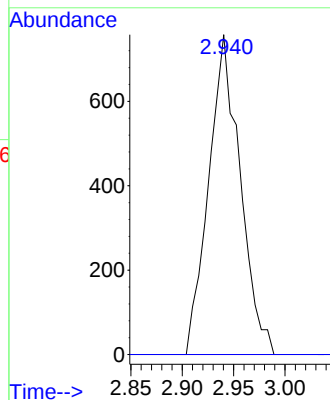
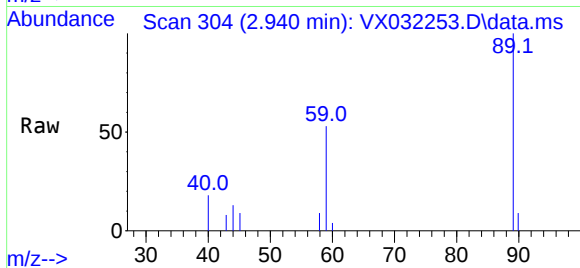
VX1020MBL01

Tgt Ion: 59 Resp: 1617

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 0.437 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032253.D

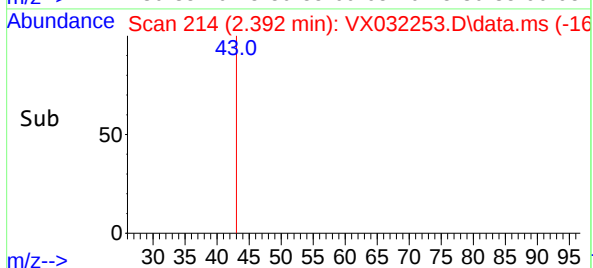
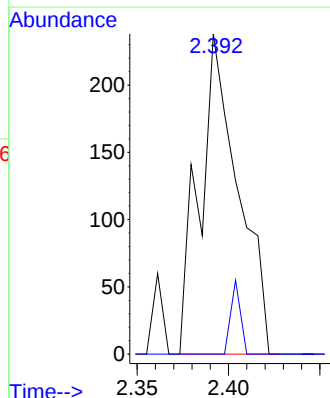
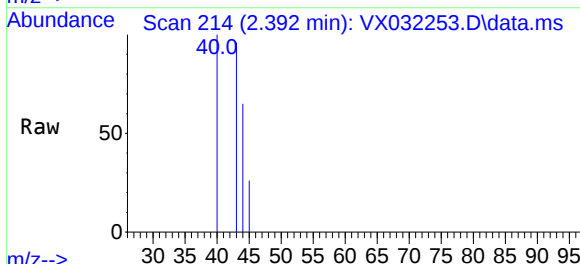
Acq: 20 Oct 2022 11:24

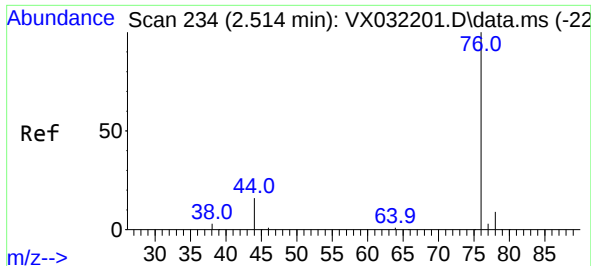
Tgt Ion: 43 Resp: 350

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#

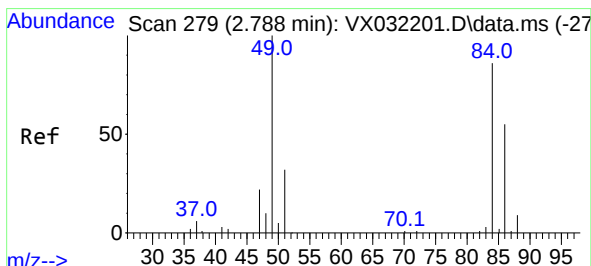
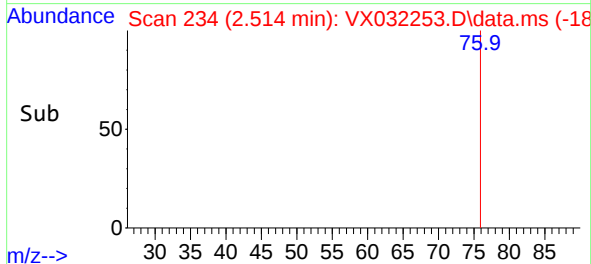
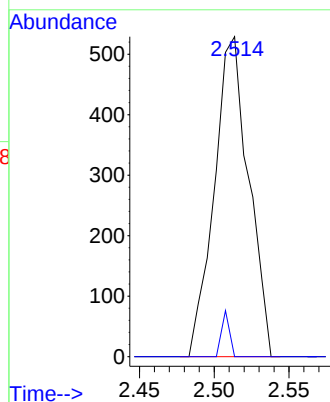
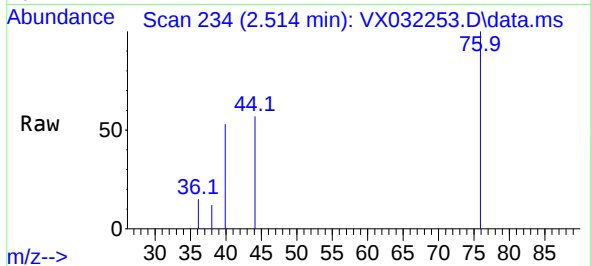




#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

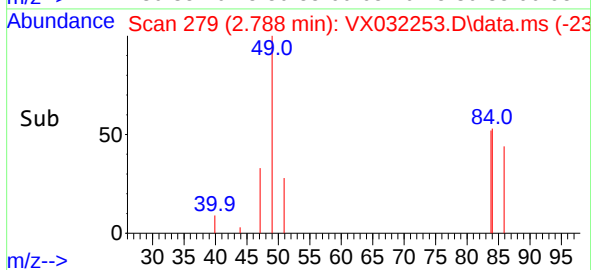
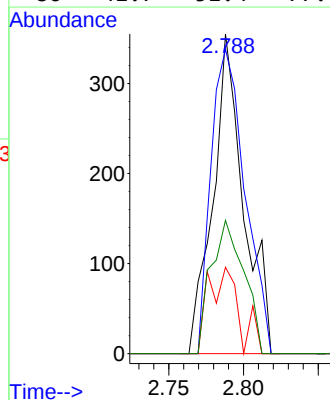
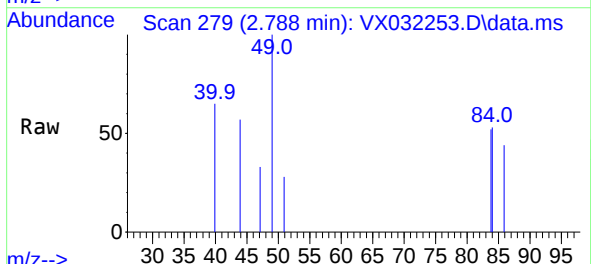
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

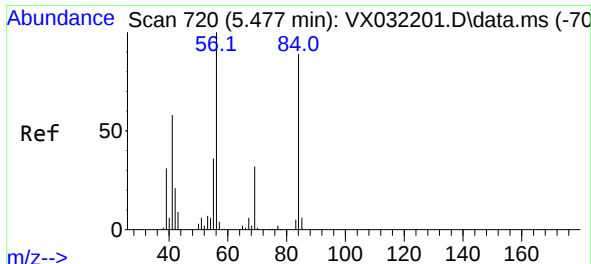
Tgt Ion: 76 Resp: 846
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

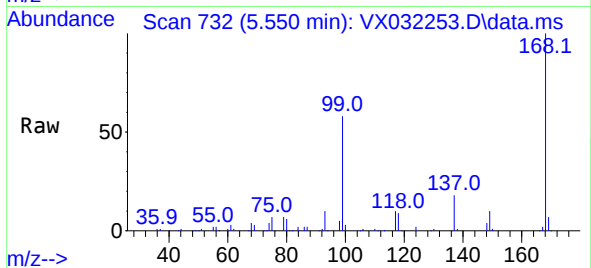
Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 95.2 92.6 139.0
51 27.0 29.2 43.8#
86 41.7 51.4 77.0#



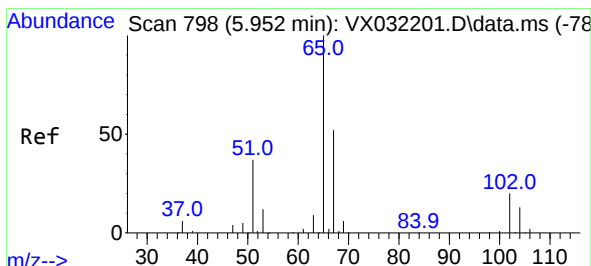
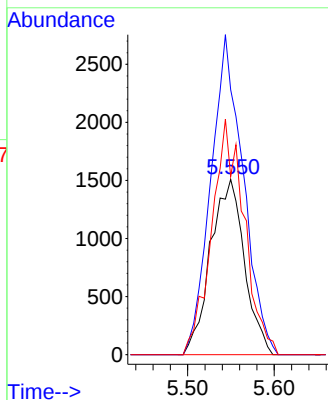
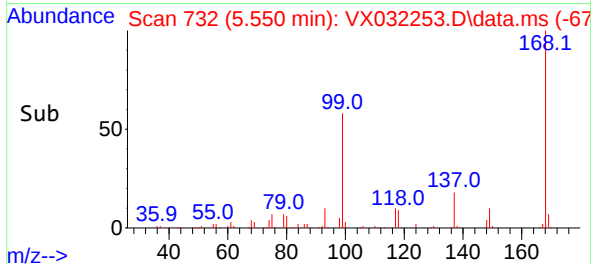


#31
Cyclohexane
Concen: 1.456 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

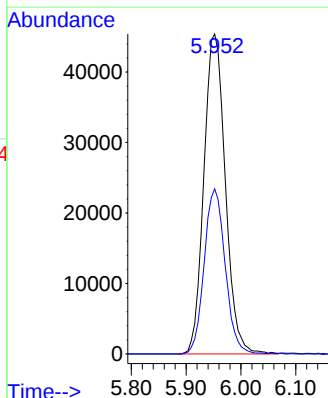
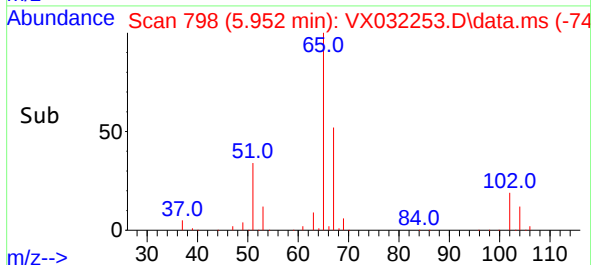
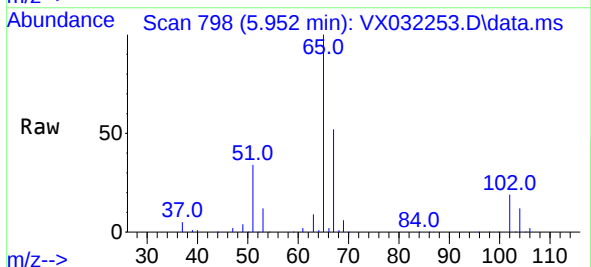


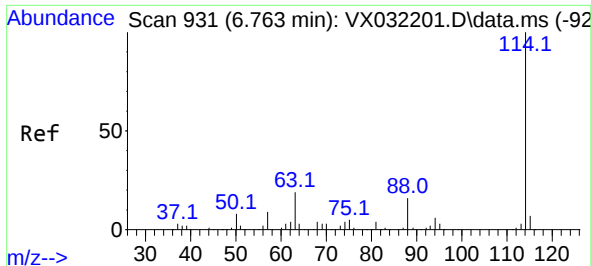
Tgt Ion: 56 Resp: 4105
Ion Ratio Lower Upper
56 100
69 151.1 25.4 38.0#
84 101.6 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 50.072 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion: 65 Resp: 123505
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

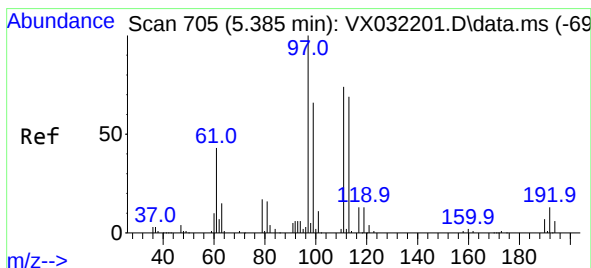
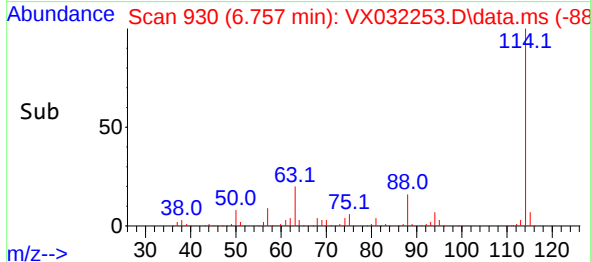
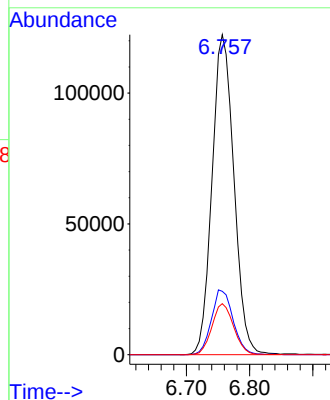
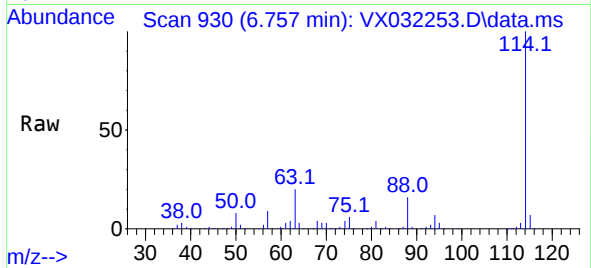




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

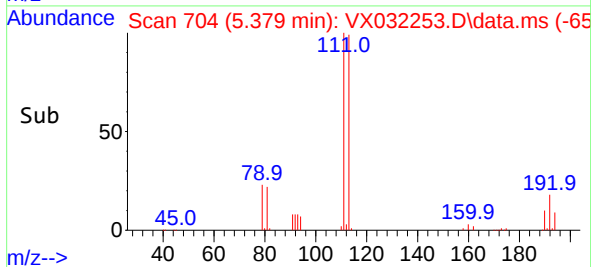
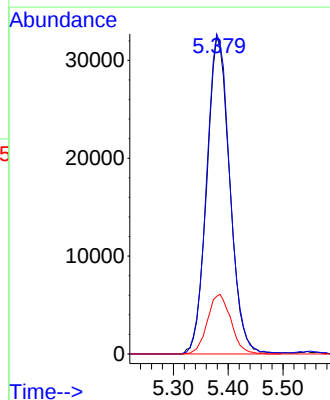
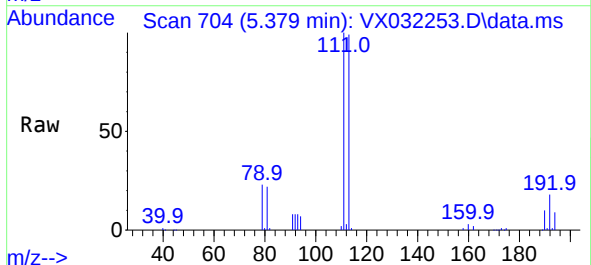
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

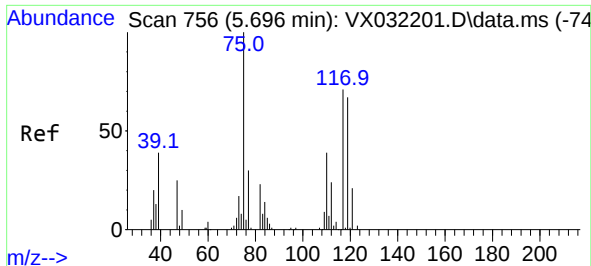
Tgt Ion:114 Resp: 293621
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.122 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion:113 Resp: 94238
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 19.2 15.5 23.3

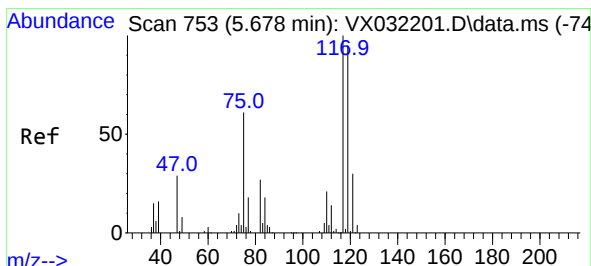
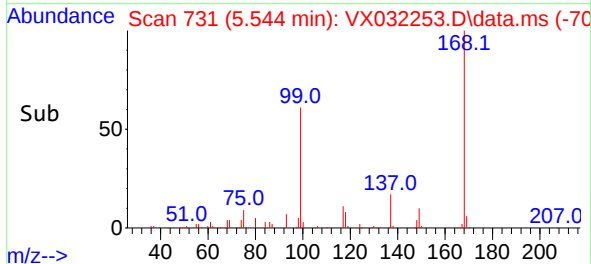
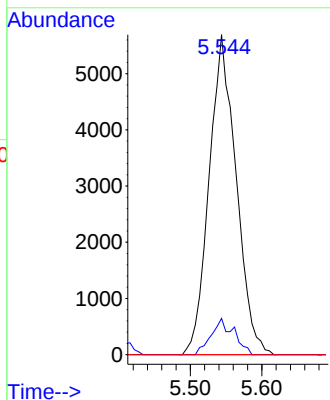
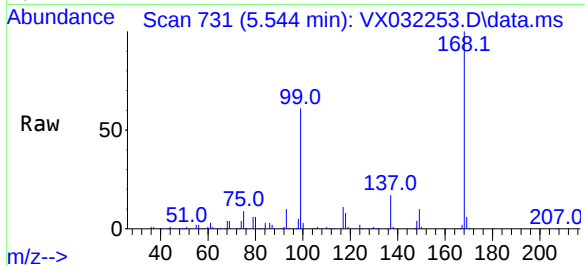




#36
1,1-Dichloropropene
Concen: 5.684 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

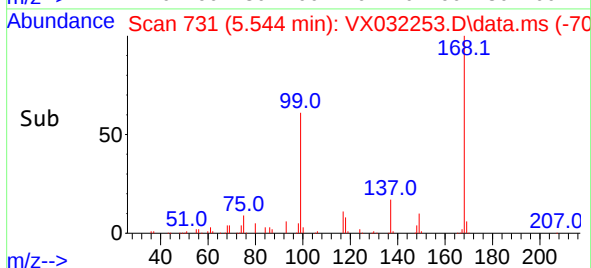
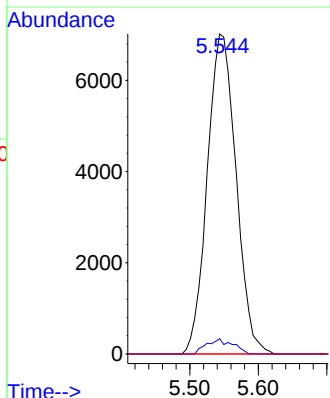
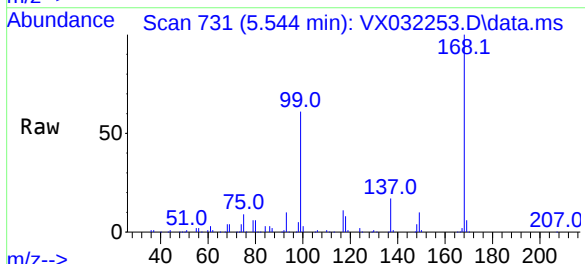
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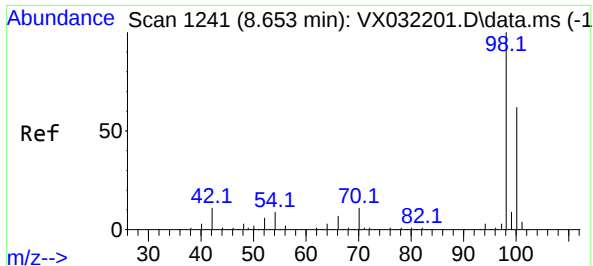
Tgt Ion: 75 Resp: 14938
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.382 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion: 117 Resp: 20483
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.456 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032253.D

Acq: 20 Oct 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

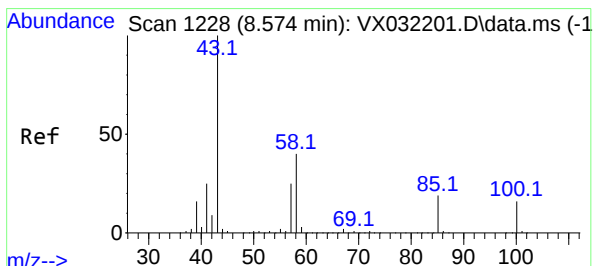
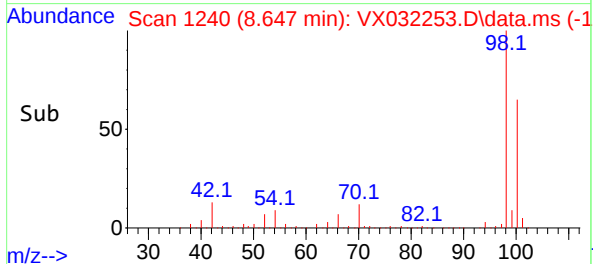
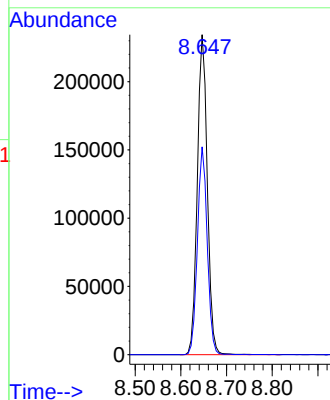
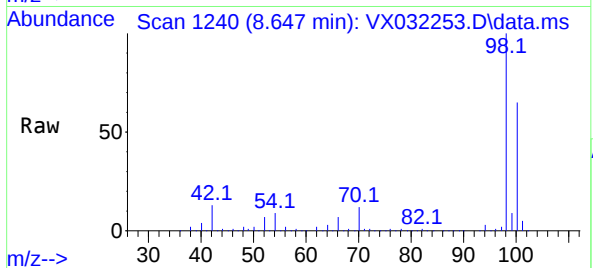
VX1020MBL01

Tgt Ion: 98 Resp: 356387

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032253.D

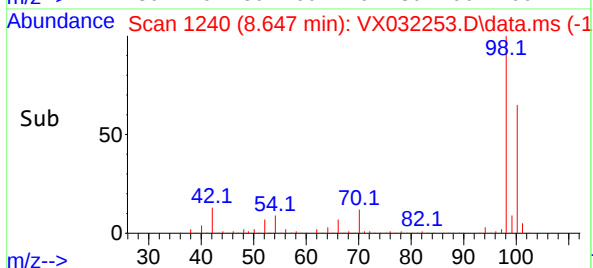
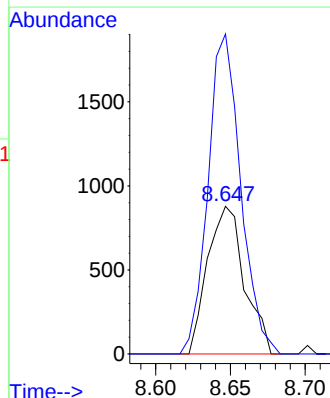
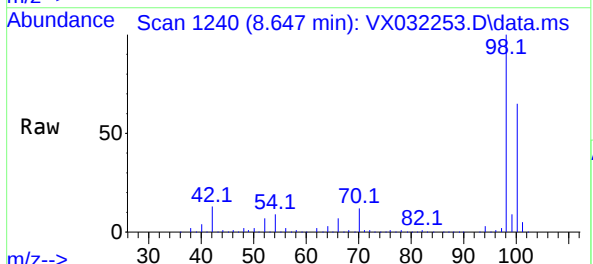
Acq: 20 Oct 2022 11:24

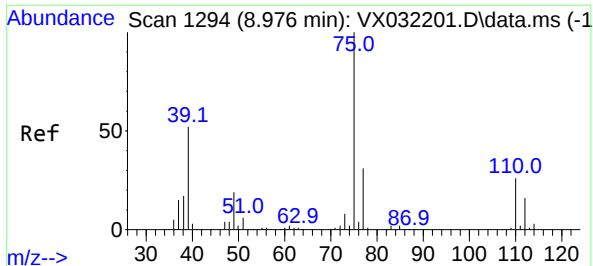
Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

58 192.5 31.0 46.4#





#53

t-1,3-Dichloropropene

Concen: 1.832 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032253.D

Acq: 20 Oct 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

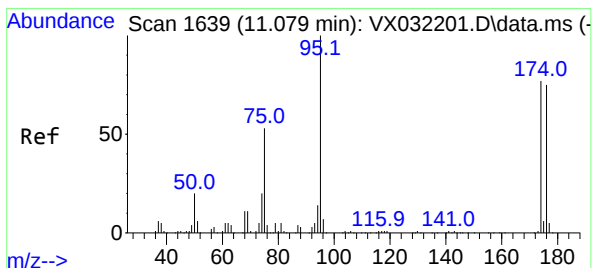
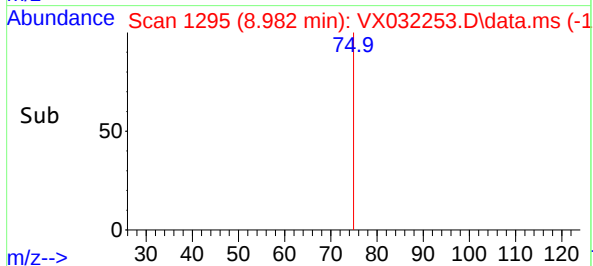
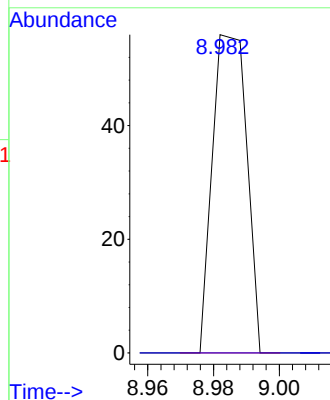
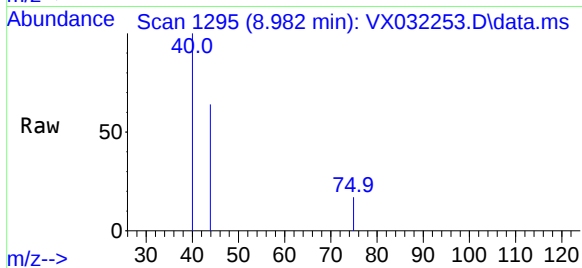
VX1020MBL01

Tgt Ion: 75 Resp: 41

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



#62

4-Bromofluorobenzene

Concen: 47.532 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032253.D

Acq: 20 Oct 2022 11:24

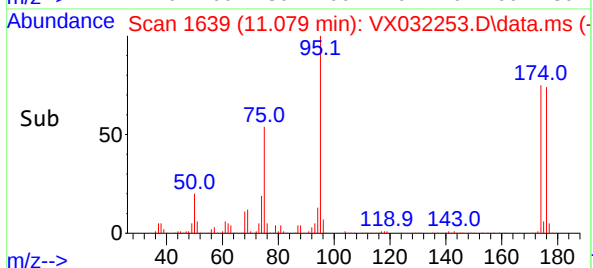
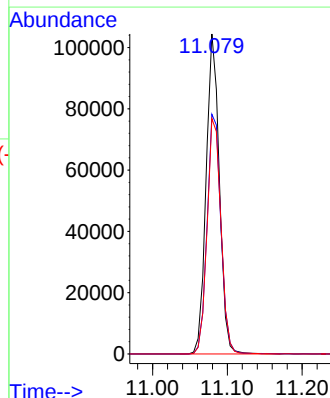
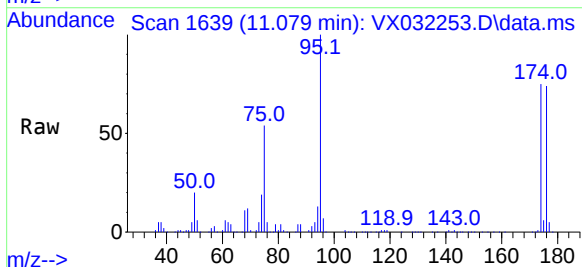
Tgt Ion: 95 Resp: 128016

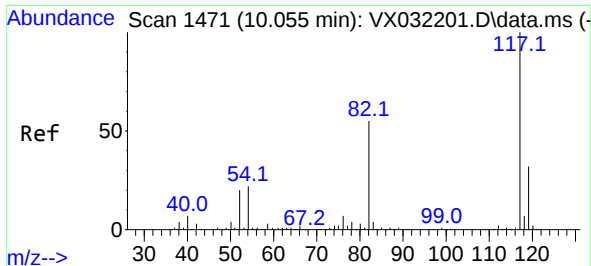
Ion Ratio Lower Upper

95 100

174 78.1 0.0 166.8

176 77.1 0.0 161.4

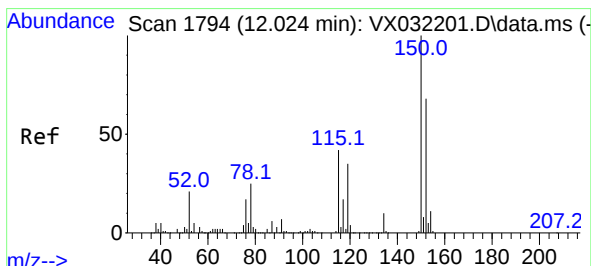
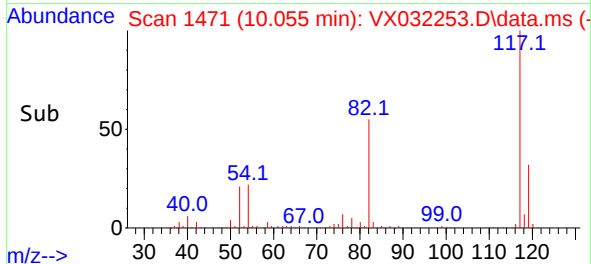
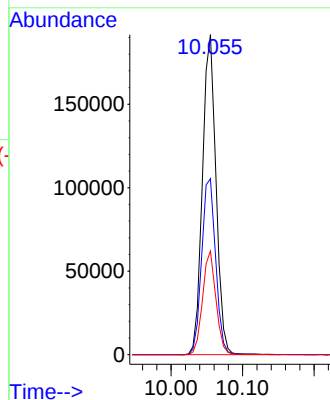
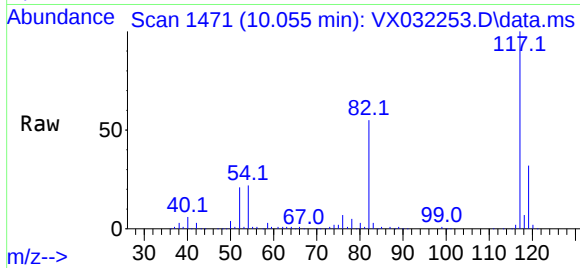




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

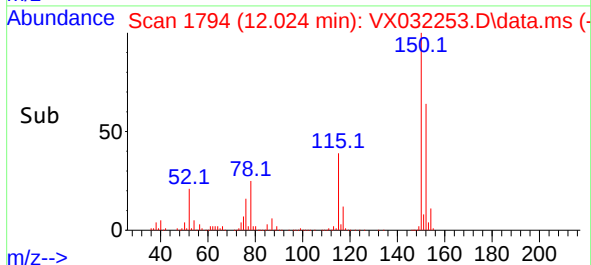
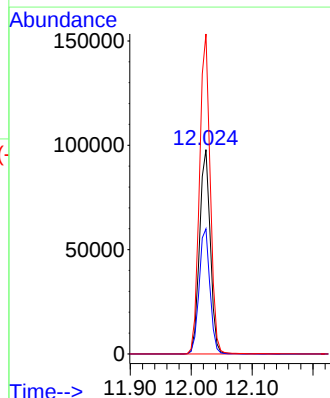
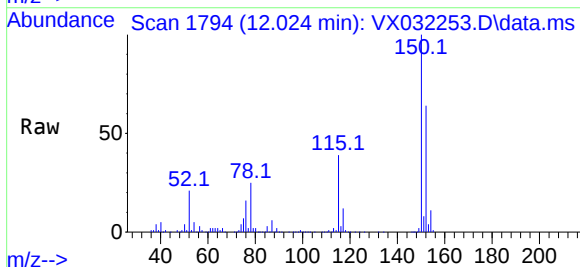
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

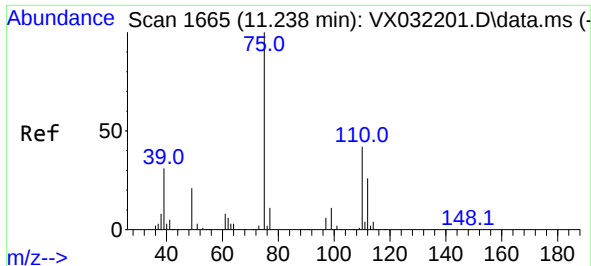
Tgt Ion:117 Resp: 252798
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion:152 Resp: 120358
Ion Ratio Lower Upper
152 100
115 61.3 43.1 129.4
150 155.7 0.0 348.6

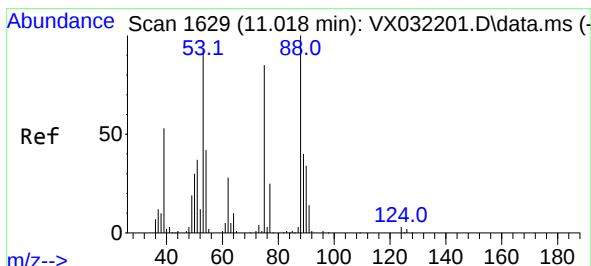
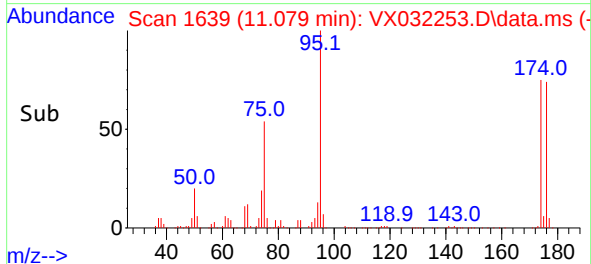
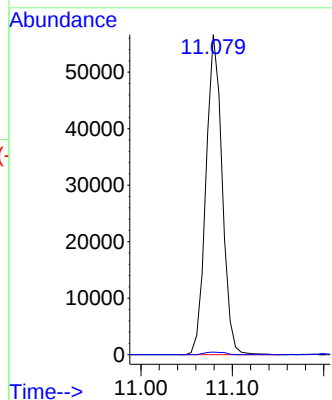
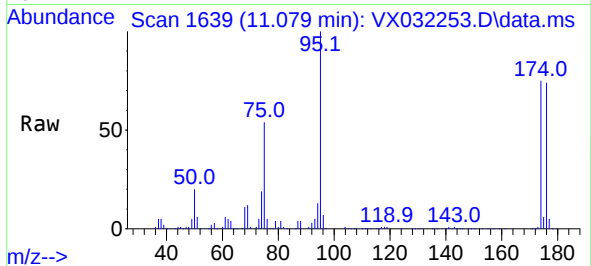




#76
1,2,3-Trichloropropane
Concen: 29.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

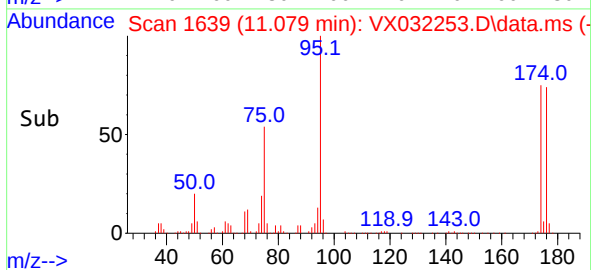
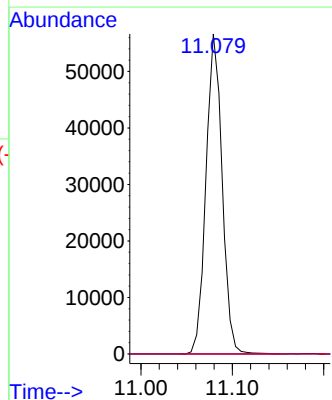
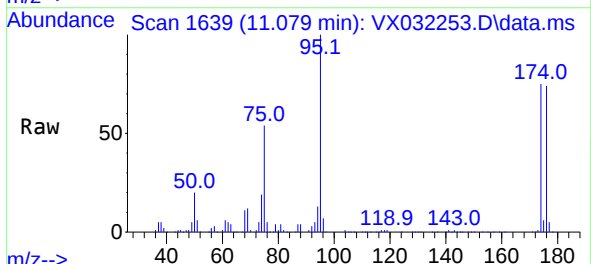
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

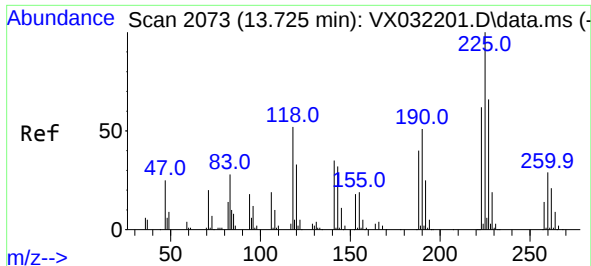
Tgt Ion: 75 Resp: 69298
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032253.D
Acq: 20 Oct 2022 11:24

Tgt Ion: 75 Resp: 69298
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#





#94

Hexachlorobutadiene

Concen: 0.342 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX032253.D

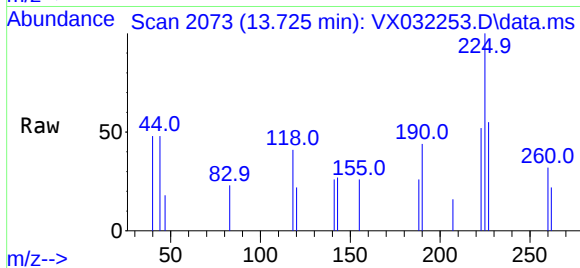
Acq: 20 Oct 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBL01



Tgt Ion:225 Resp: 384

Ion Ratio Lower Upper

225 100

223 65.6 31.4 94.3

227 61.2 32.0 96.0

