

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032340.D
 Acq On : 24 Oct 2022 15:10
 Operator : JC/MD
 Sample : N5236-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-TB

Quant Time: Oct 25 03:27:21 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)

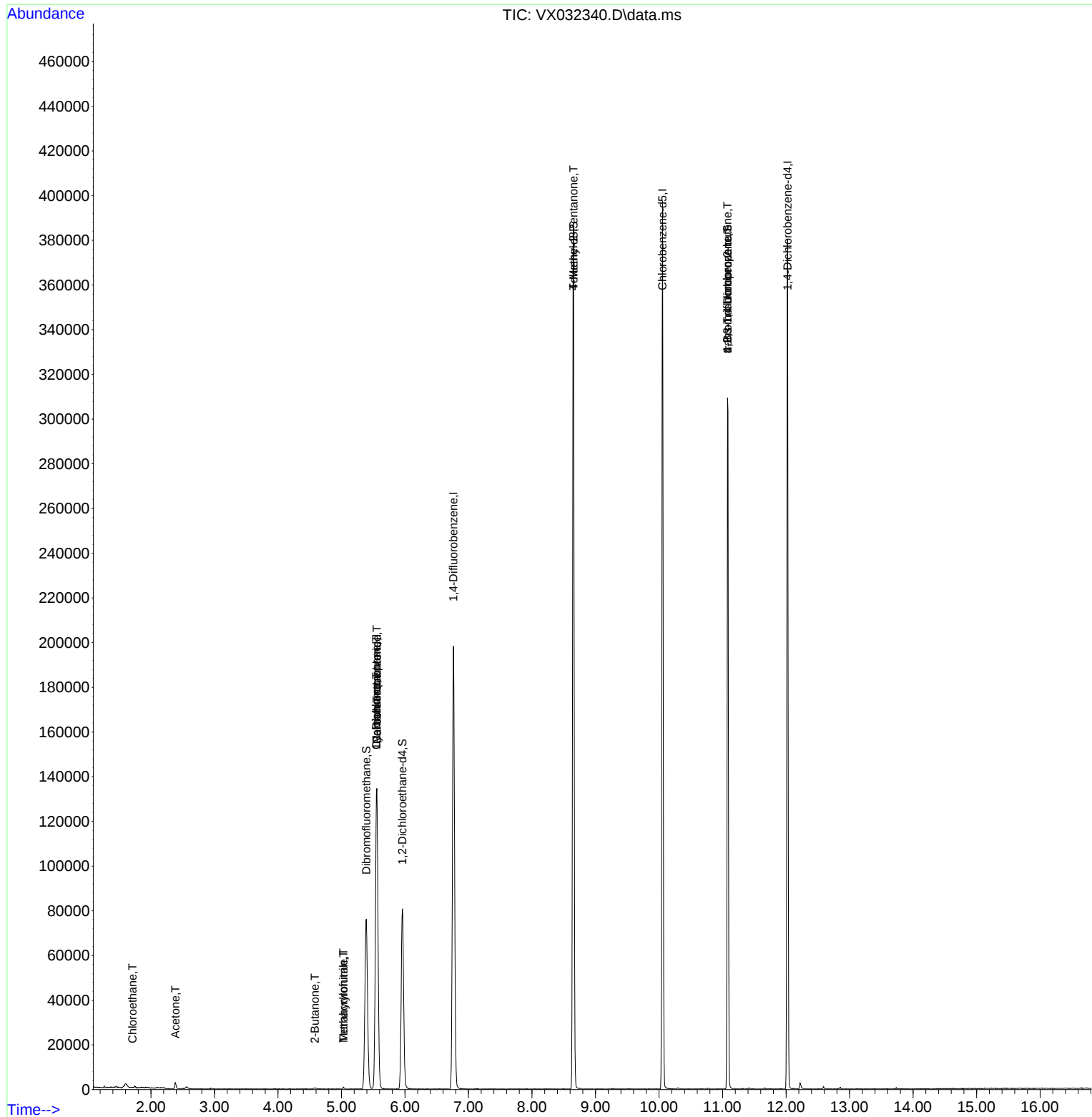
Internal Standards						
1) Pentafluorobenzene	5.556	168	128365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80420	48.159	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.320%
35) Dibromofluoromethane	5.391	113	65245	46.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.653	98	232207	46.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.840%
62) 4-Bromofluorobenzene	11.079	95	79549	43.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	20	Below Cal	#	44
6) Chloroethane	1.709	64	75	2.010	ug/l #	41
11) Tert butyl alcohol	2.953	59	221	Below Cal	#	74
16) Acetone	2.386	43	3279	6.051	ug/l	93
25) 2-Butanone	4.580	43	289	0.342	ug/l #	48
29) Tetrahydrofuran	5.032	42	480	0.878	ug/l #	56
31) Cyclohexane	5.550	56	2931	1.535	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	9947	5.564	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13152	6.969	ug/l #	16
41) Methacrylonitrile	5.032	41	364	0.394	ug/l #	38
51) 4-Methyl-2-Pentanone	8.653	43	1019	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43146	27.374	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	43146	84.014	ug/l #	6

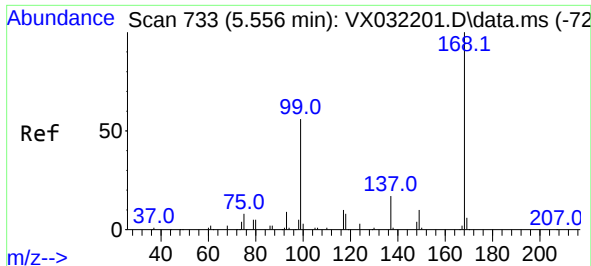
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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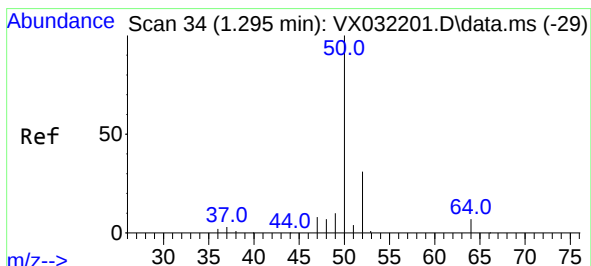
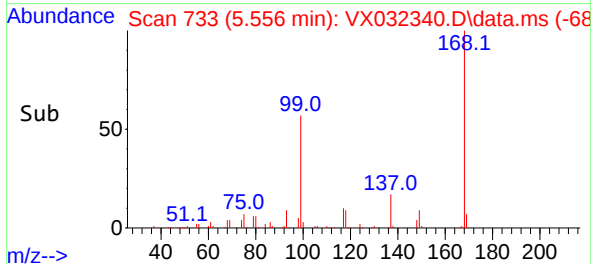
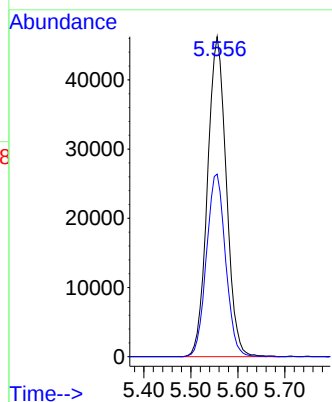
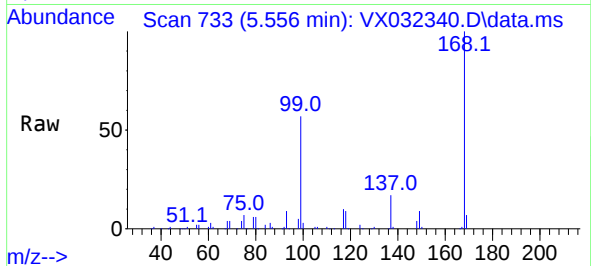




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

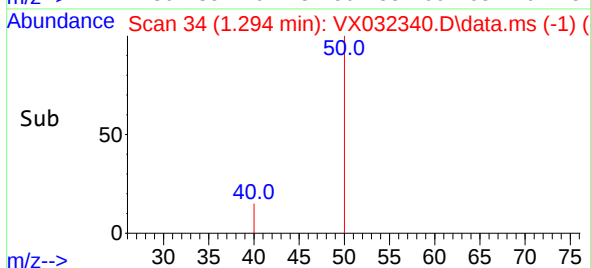
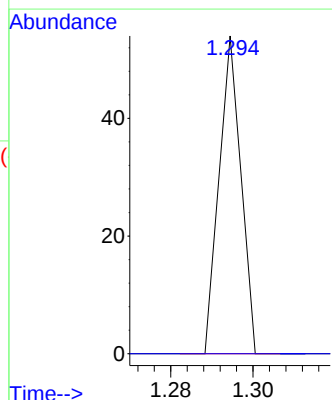
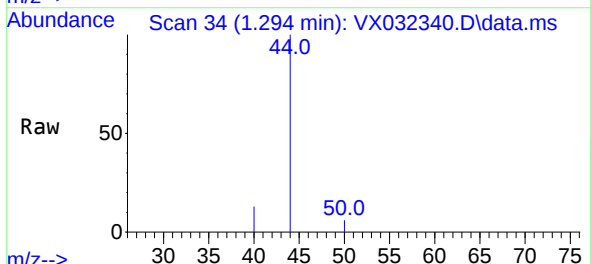
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

Tgt Ion:168 Resp: 128365
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2

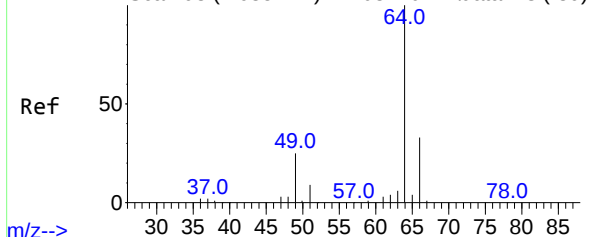


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

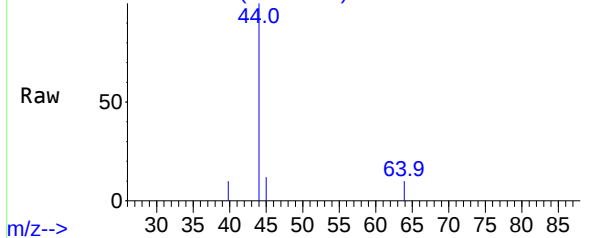
Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



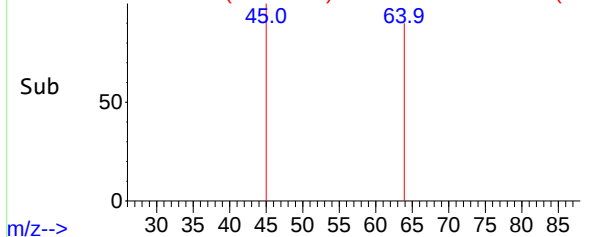
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



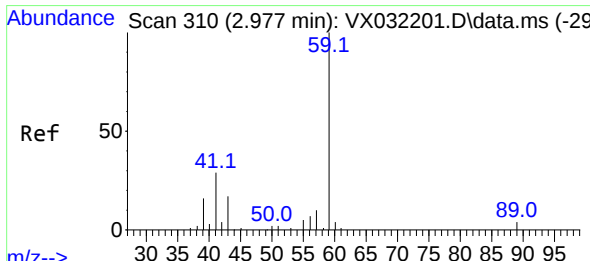
m/z--> Scan 102 (1.709 min): VX032340.D\data.ms



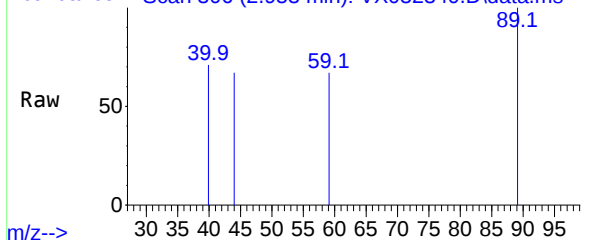
Abundance Scan 102 (1.709 min): VX032340.D\data.ms (-49)



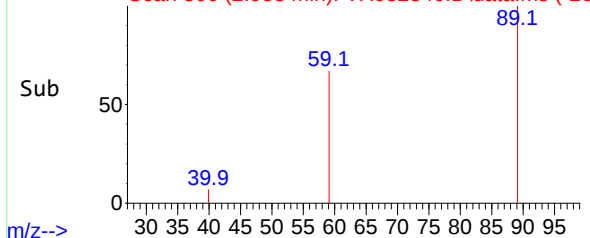
m/z--> Scan 310 (2.977 min): VX032201.D\data.ms (-29)



m/z--> Scan 306 (2.953 min): VX032340.D\data.ms



Abundance Scan 306 (2.953 min): VX032340.D\data.ms (-26)

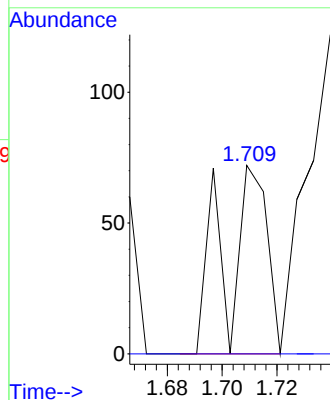


m/z--> Time-->

#6
Chloroethane
Concen: 2.010 ug/l
RT: 1.709 min Scan# 10
Delta R.T. 0.024 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

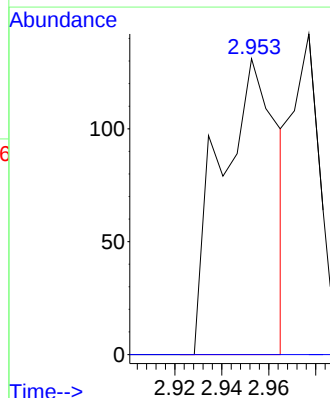
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

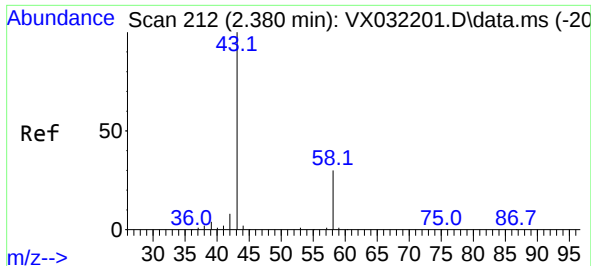
Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

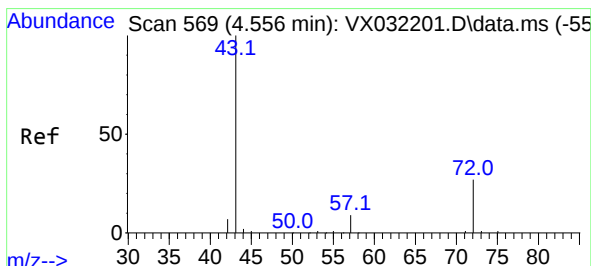
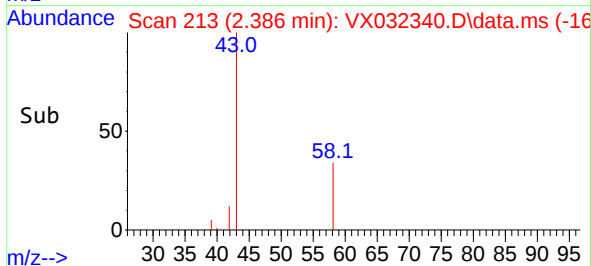
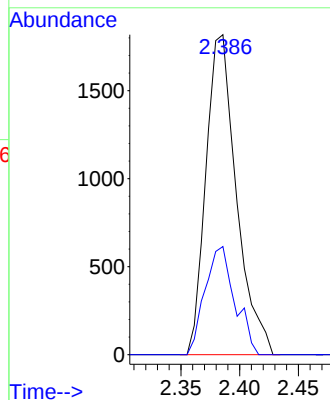
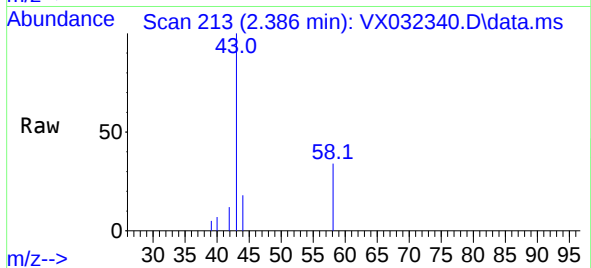




#16
Acetone
Concen: 6.051 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

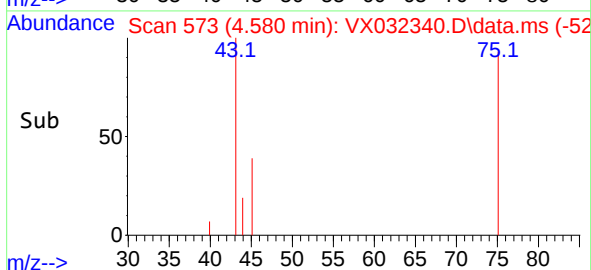
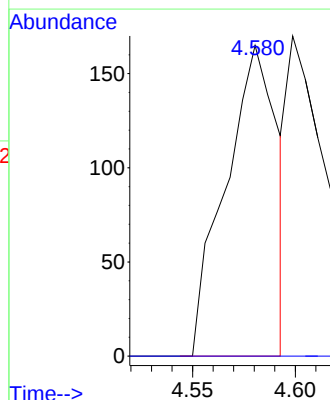
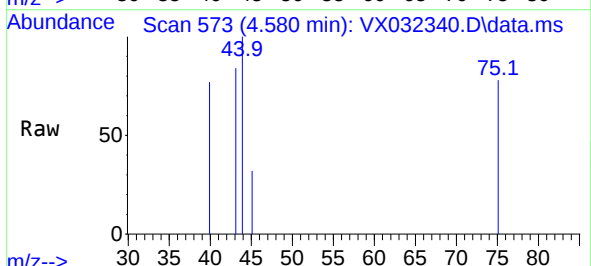
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

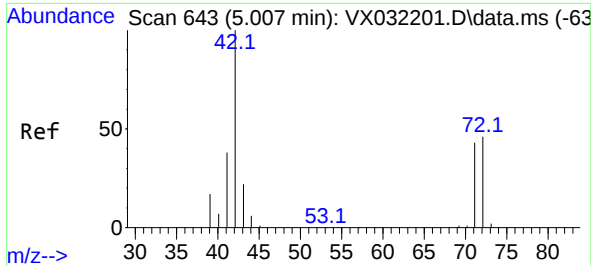
Tgt Ion: 43 Resp: 3279
Ion Ratio Lower Upper
43 100
58 33.8 24.2 36.2



#25
2-Butanone
Concen: 0.342 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.878 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX032340.D

Acq: 24 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

LSP-TB

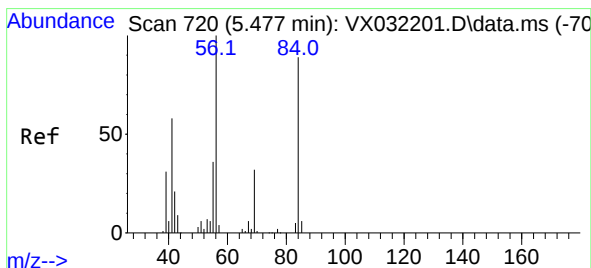
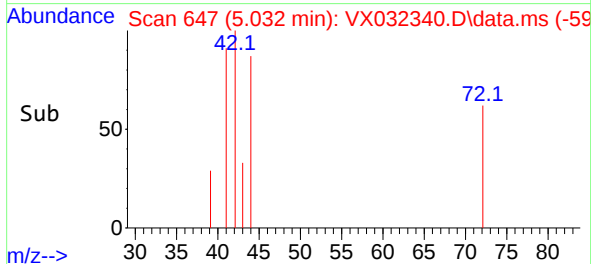
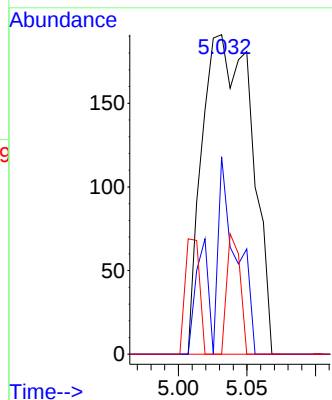
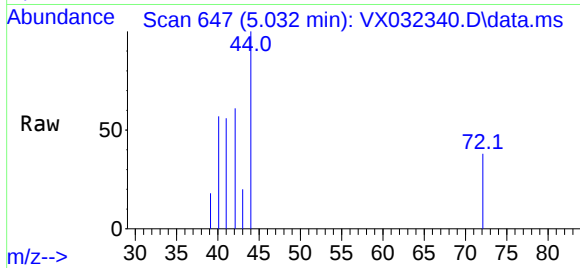
Tgt Ion: 42 Resp: 480

Ion Ratio Lower Upper

42 100

72 22.7 37.5 56.3#

71 10.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.535 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX032340.D

Acq: 24 Oct 2022 15:10

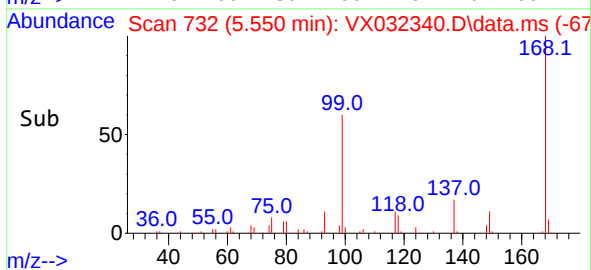
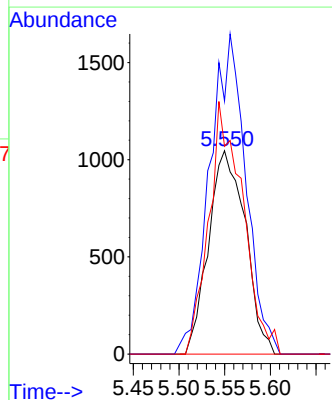
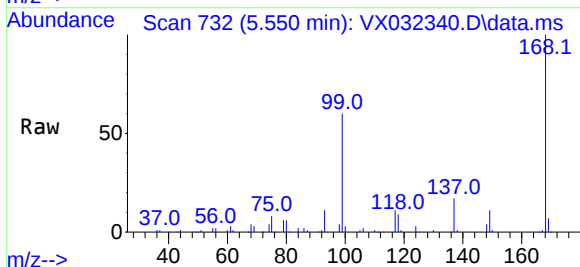
Tgt Ion: 56 Resp: 2931

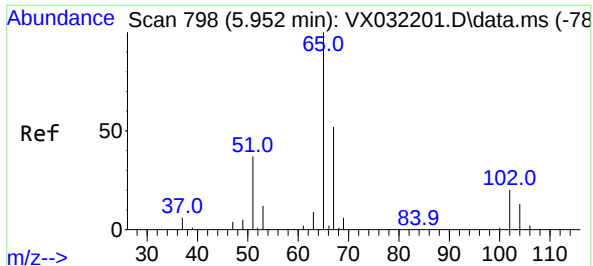
Ion Ratio Lower Upper

56 100

69 124.5 25.4 38.0#

84 102.2 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.159 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032340.D

Acq: 24 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

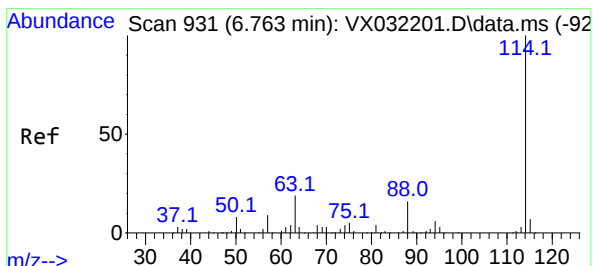
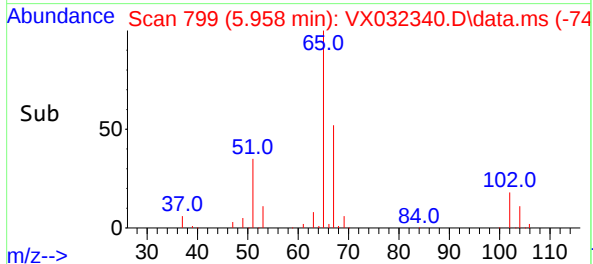
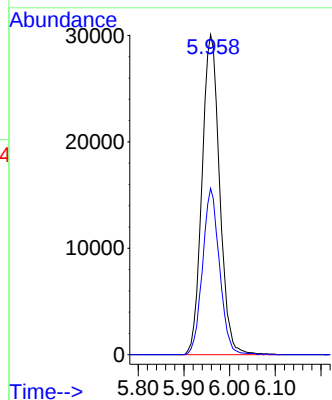
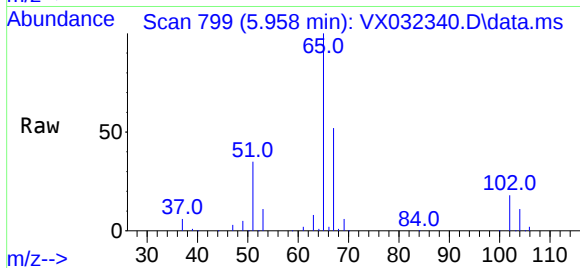
LSP-TB

Tgt Ion: 65 Resp: 80420

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032340.D

Acq: 24 Oct 2022 15:10

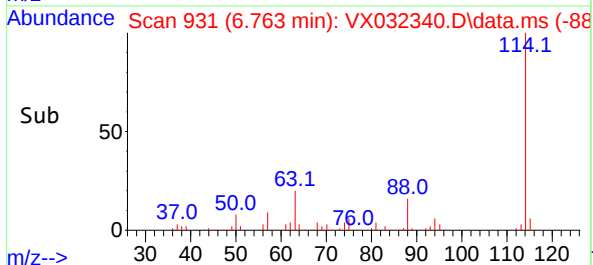
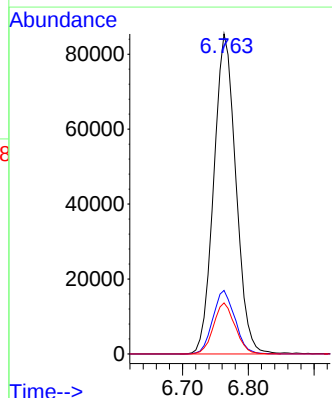
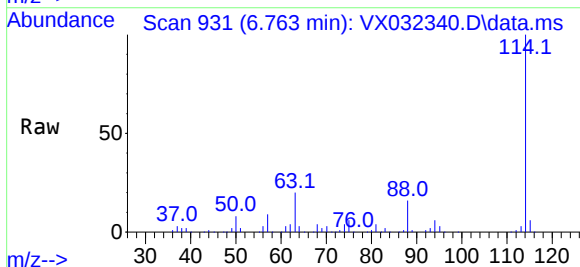
Tgt Ion: 114 Resp: 199710

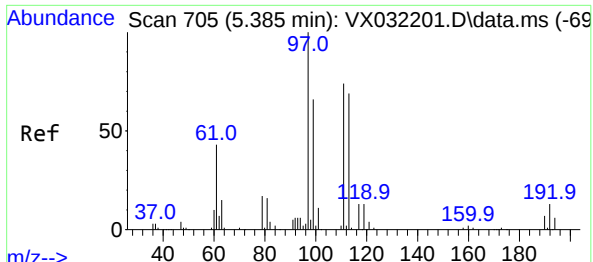
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

88 15.9 0.0 32.6

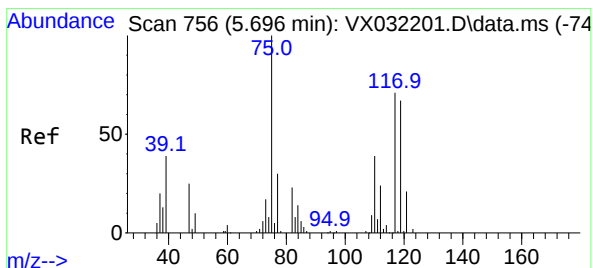
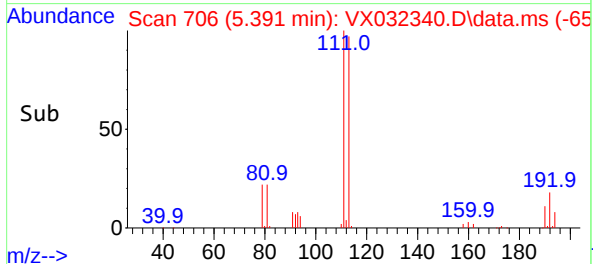
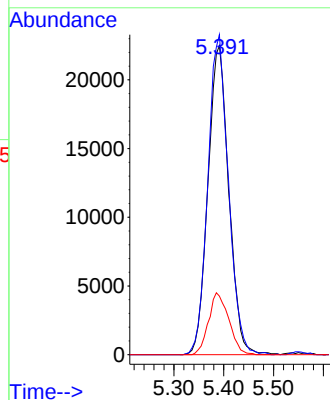
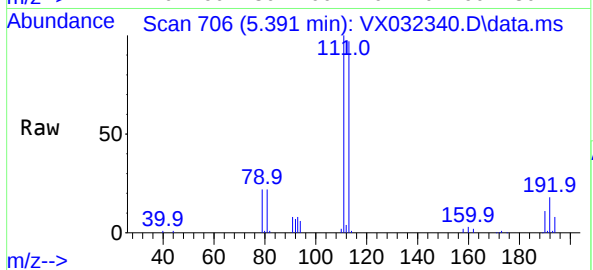




#35
Dibromofluoromethane
Concen: 46.948 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

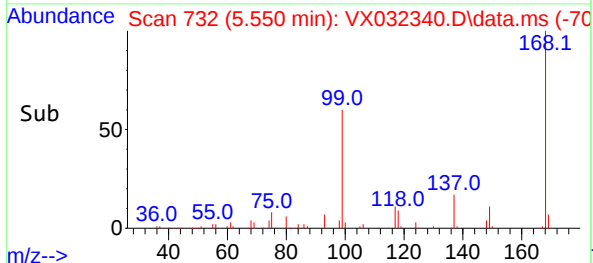
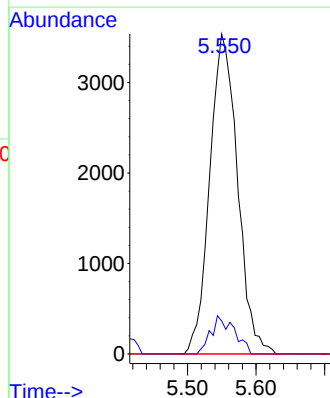
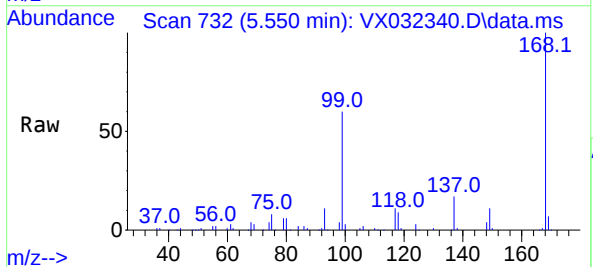
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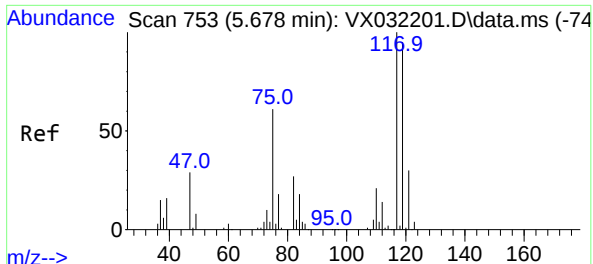
Tgt Ion:113 Resp: 65245
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.5 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.564 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

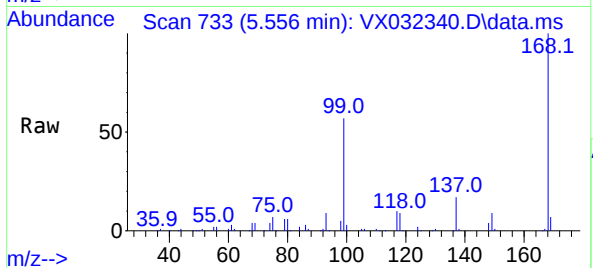
Tgt Ion: 75 Resp: 9947
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.0#
77 0.0 24.7 37.1#



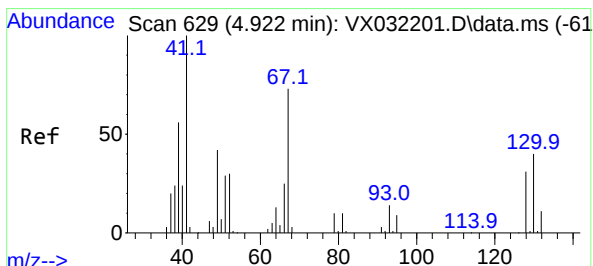
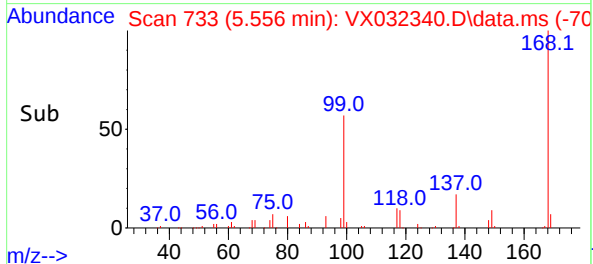
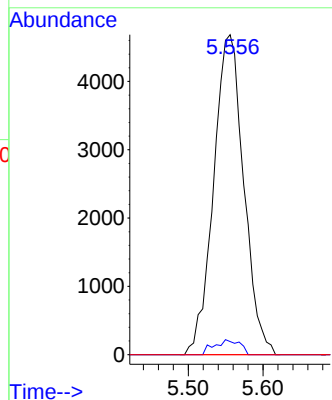


#38
Carbon Tetrachloride
Concen: 6.969 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

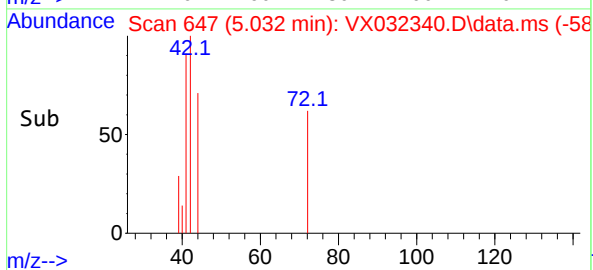
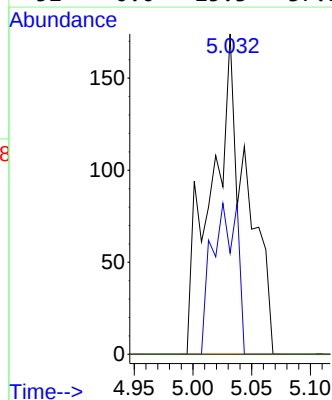
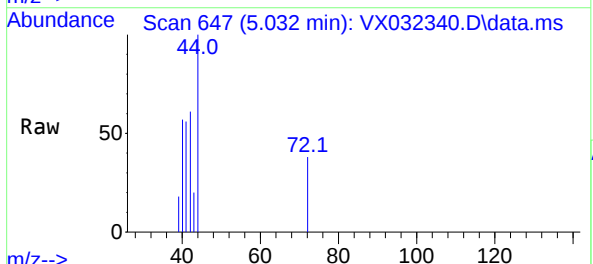


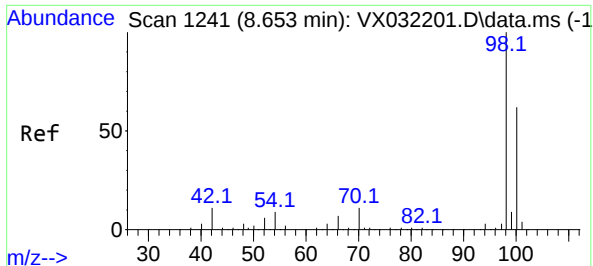
Tgt Ion:117 Resp: 13152
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.0#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 0.394 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Tgt Ion: 41 Resp: 364
Ion Ratio Lower Upper
41 100
39 33.5 45.5 68.3#
67 0.0 59.4 89.2#
52 0.0 25.3 37.9#

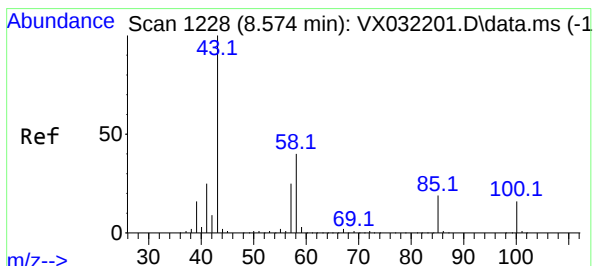
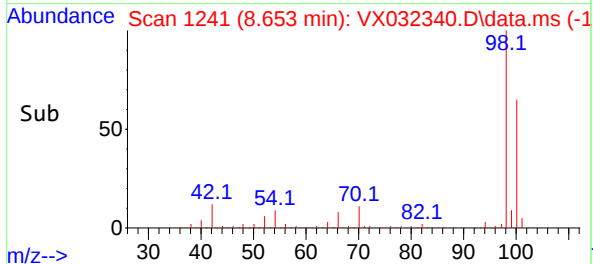
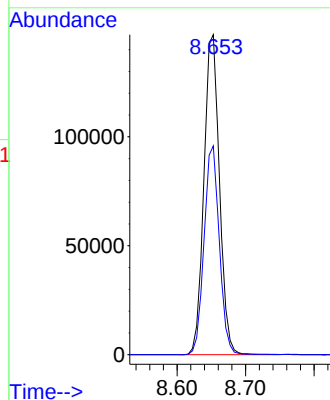
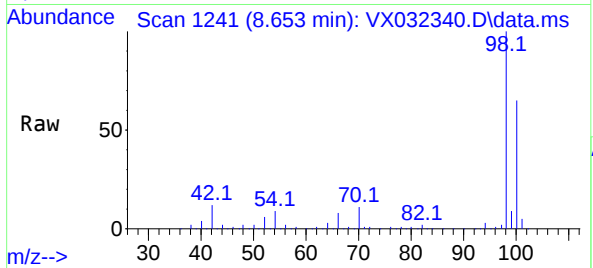




#50
Toluene-d8
Concen: 46.418 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

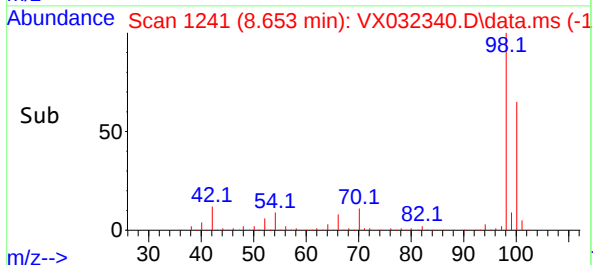
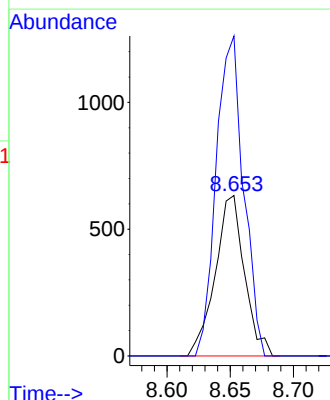
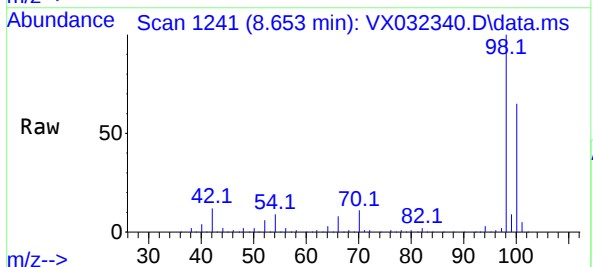
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

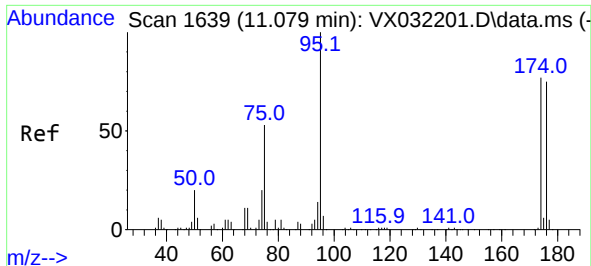
Tgt Ion: 98 Resp: 232207
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 185.8 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 43.425 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032340.D

Acq: 24 Oct 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

LSP-TB

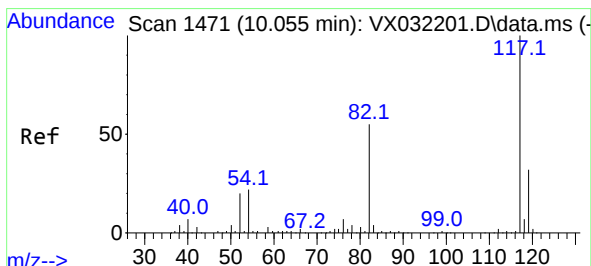
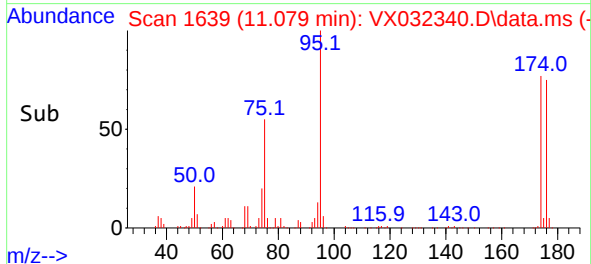
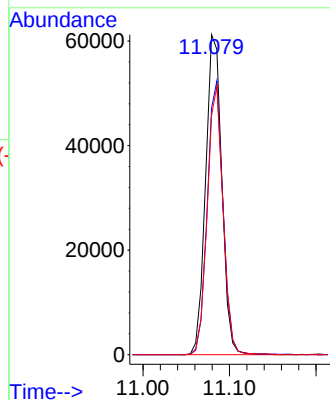
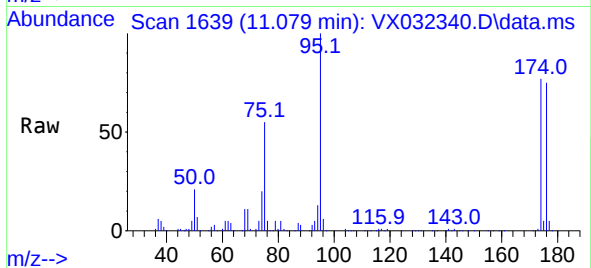
Tgt Ion: 95 Resp: 79549

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.8

176 81.4 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: VX032340.D

Acq: 24 Oct 2022 15:10

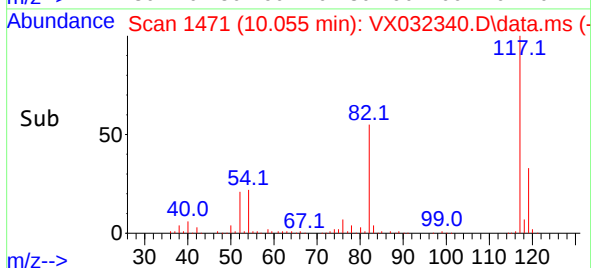
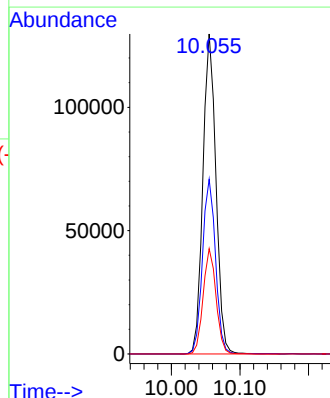
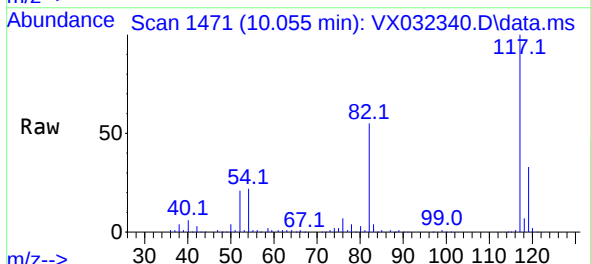
Tgt Ion: 117 Resp: 172090

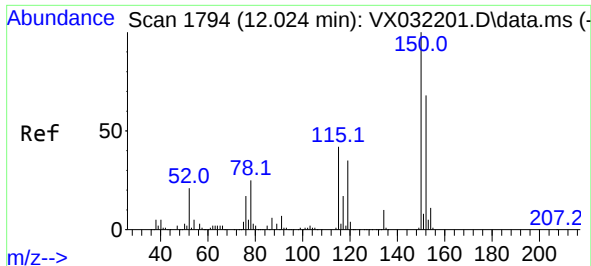
Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.4

119 32.9 25.8 38.8

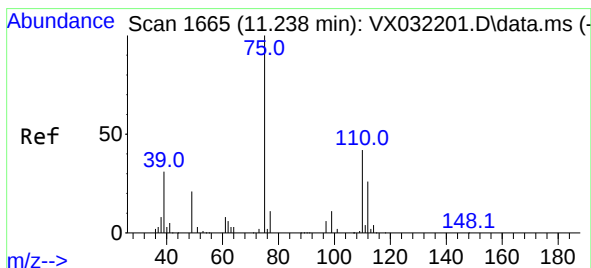
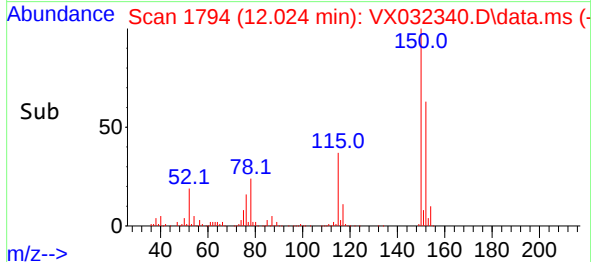
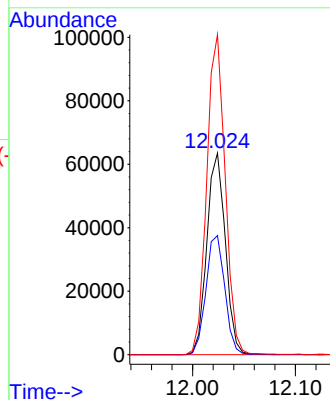
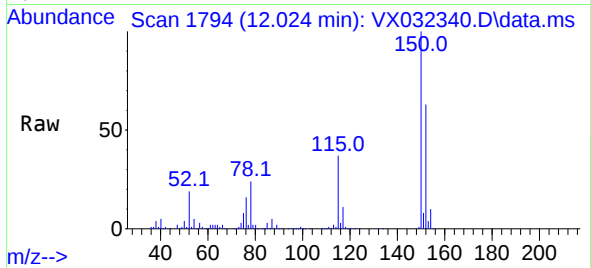




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

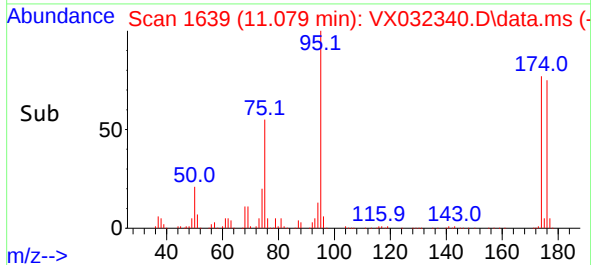
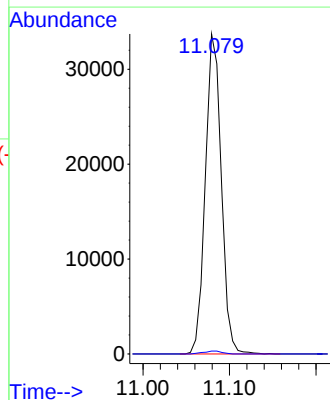
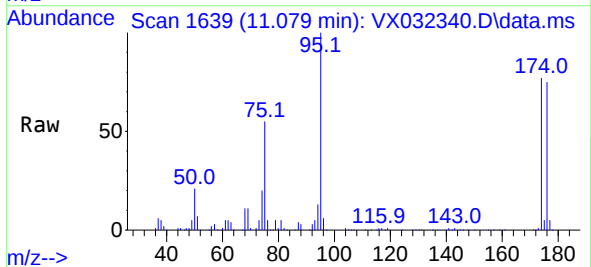
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

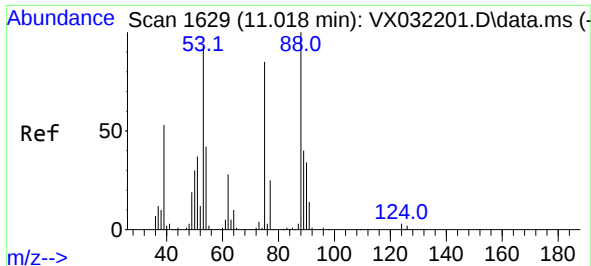
Tgt Ion:152 Resp: 79546
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 158.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Tgt Ion: 75 Resp: 43146
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.014 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032340.D
Acq: 24 Oct 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
LSP-TB

Tgt Ion: 75 Resp: 43146
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

