

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032344.D
 Acq On : 24 Oct 2022 16:43
 Operator : JC/MD
 Sample : N5236-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-GW-03

Quant Time: Oct 25 03:28:01 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)

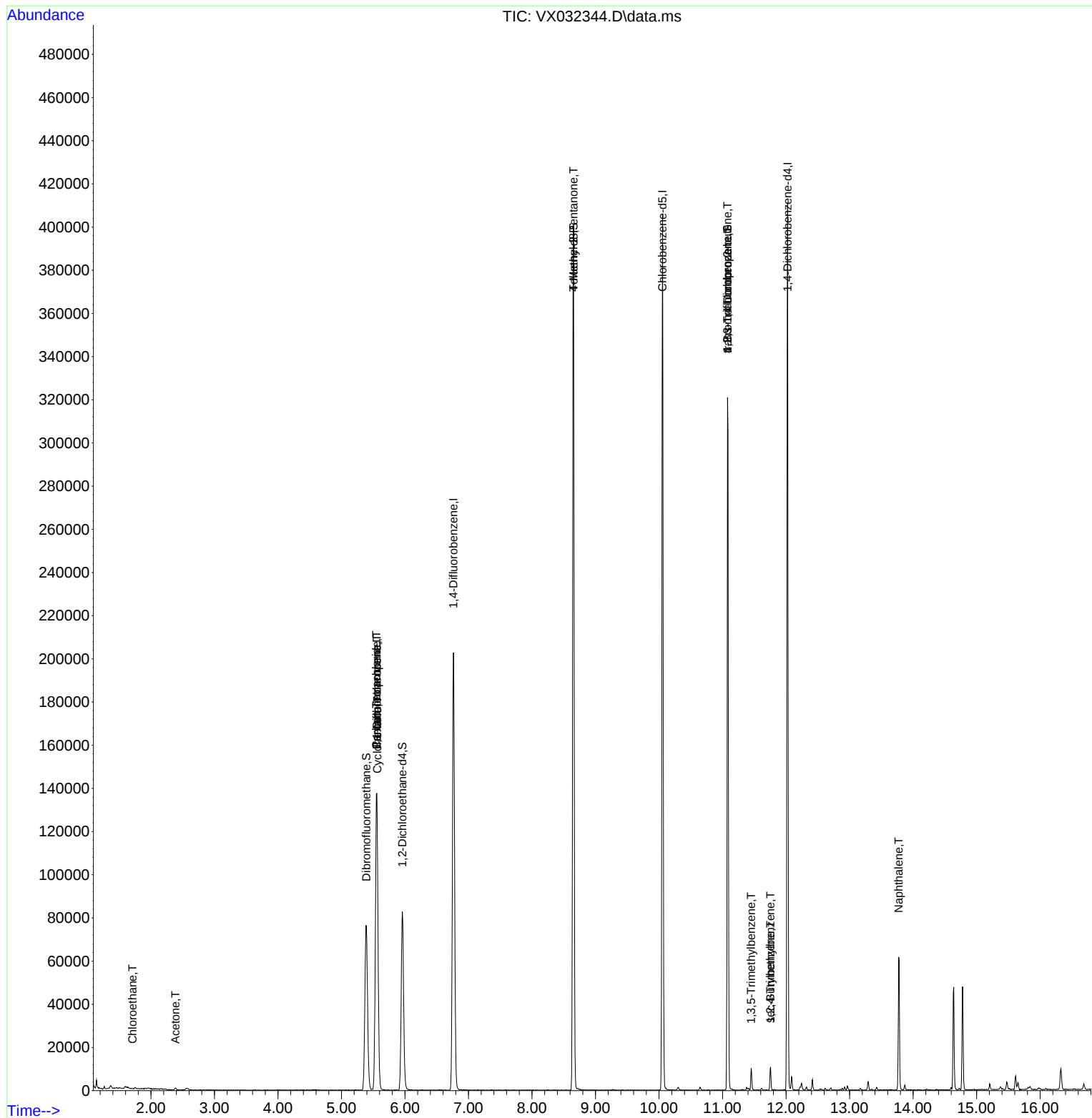
Internal Standards						
1) Pentafluorobenzene	5.556	168	131427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80610	47.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.300%
35) Dibromofluoromethane	5.391	113	66455	46.891	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.653	98	237749	46.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.200%
62) 4-Bromofluorobenzene	11.079	95	81147	43.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	77	2.010	ug/l #	41
11) Tert butyl alcohol	2.953	59	27	Below Cal	#	74
16) Acetone	2.386	43	1143	2.060	ug/l	92
31) Cyclohexane	5.562	56	2912	1.490	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	10048	5.512	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13410	6.968	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1076	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43528	26.945	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	4453	0.886	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	43528	82.740	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	4731	0.968	ug/l	94
85) sec-Butylbenzene	11.756	105	4731	0.779	ug/l #	56
95) Naphthalene	13.774	128	39741	7.074	ug/l	99

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

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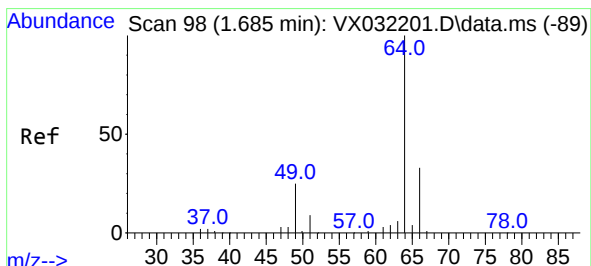
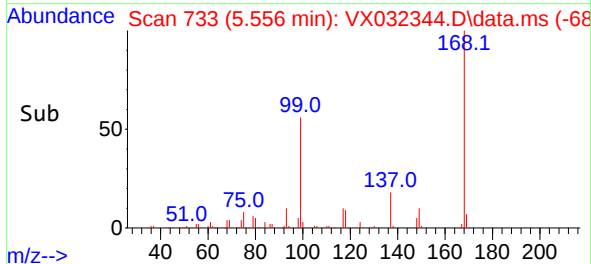
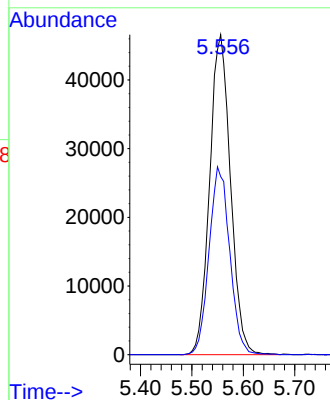
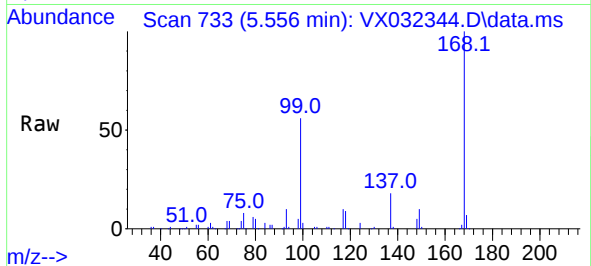




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

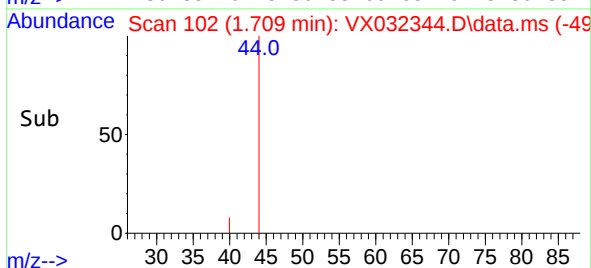
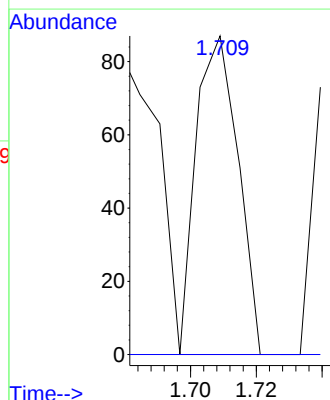
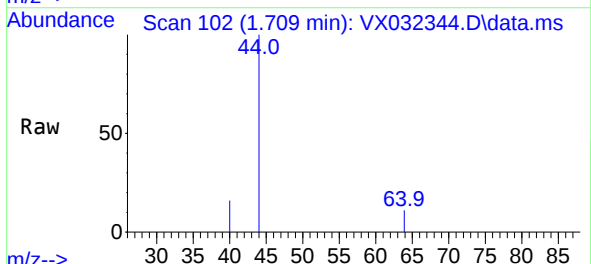
Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03

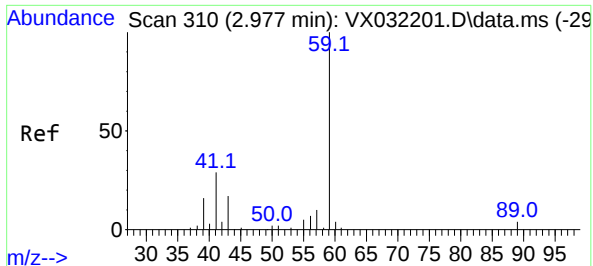
Tgt Ion:168 Resp: 131427
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#6
Chloroethane
Concen: 2.010 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 64 Resp: 77
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# 30

Delta R.T. -0.024 min

Lab File: VX032344.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

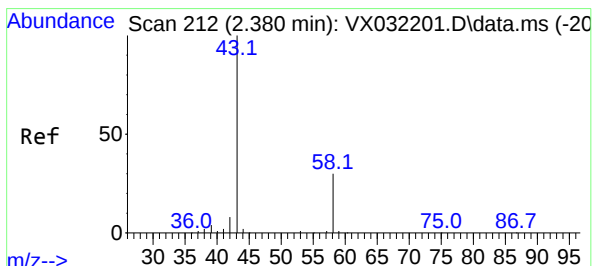
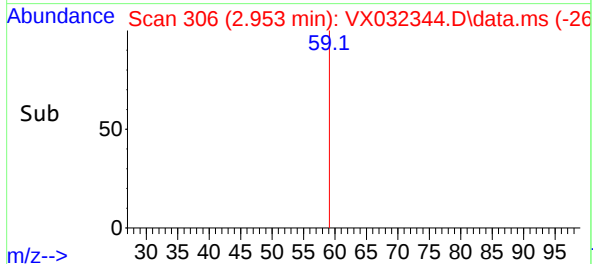
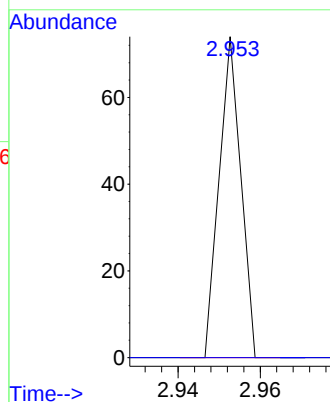
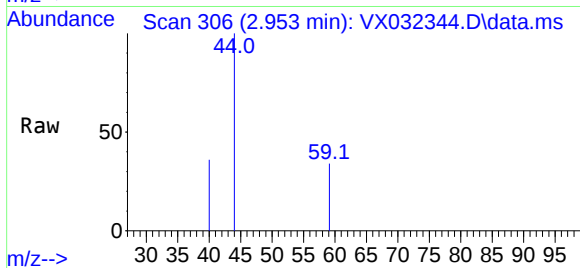
LSP-GW-03

Tgt Ion: 59 Resp: 27

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



#16

Acetone

Concen: 2.060 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032344.D

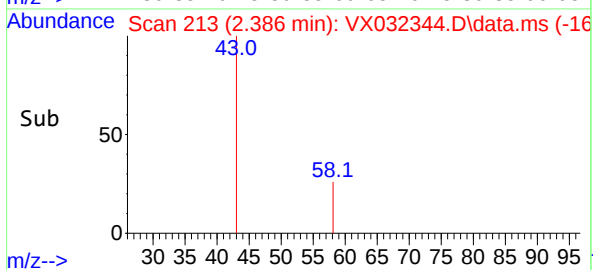
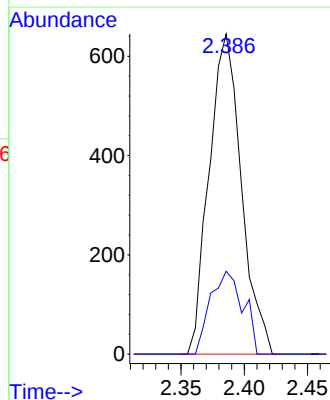
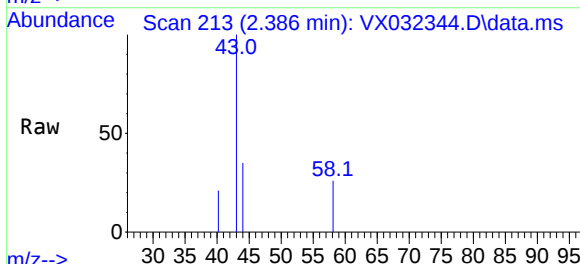
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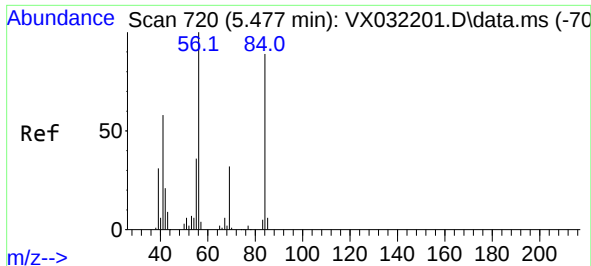
Tgt Ion: 43 Resp: 1143

Ion Ratio Lower Upper

43 100

58 25.9 24.2 36.2

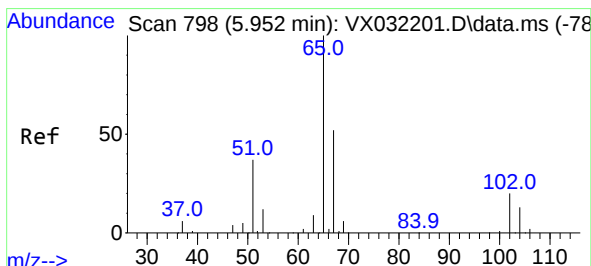
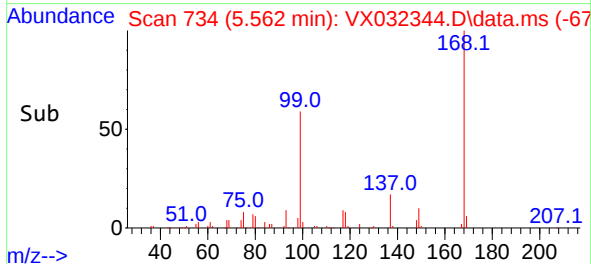
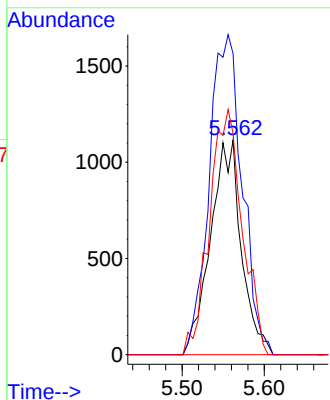
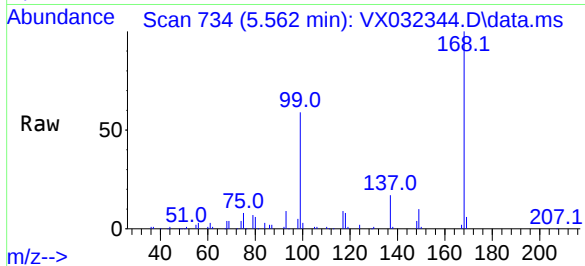




#31
Cyclohexane
Concen: 1.490 ug/l
RT: 5.562 min Scan# 712
Delta R.T. 0.085 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

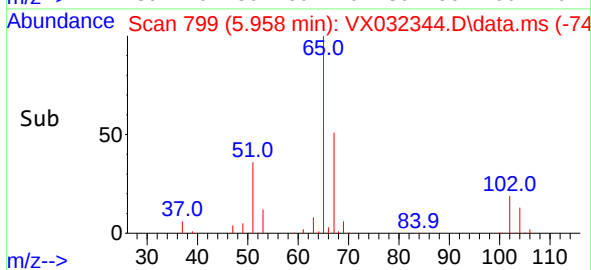
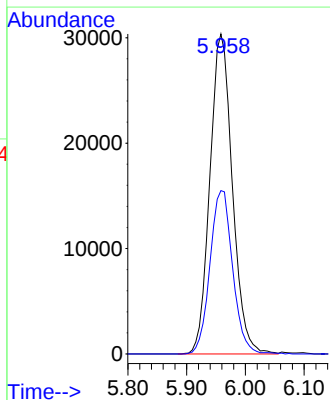
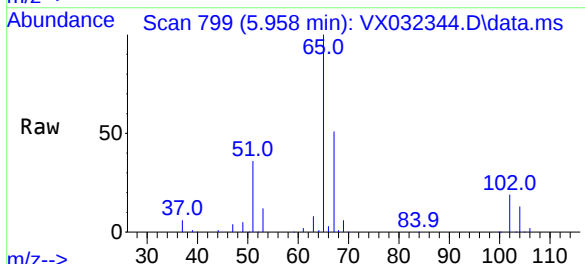
Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03

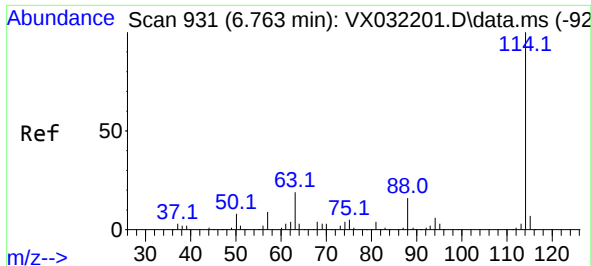
Tgt Ion: 56 Resp: 2912
Ion Ratio Lower Upper
56 100
69 140.1 25.4 38.0#
84 103.0 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 47.148 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 65 Resp: 80610
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.6

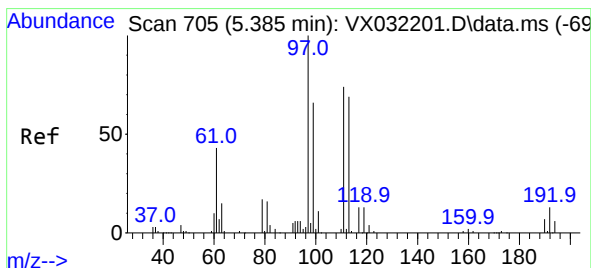
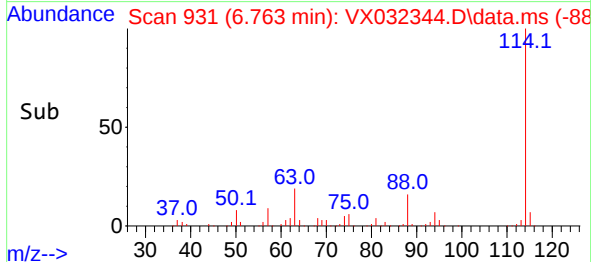
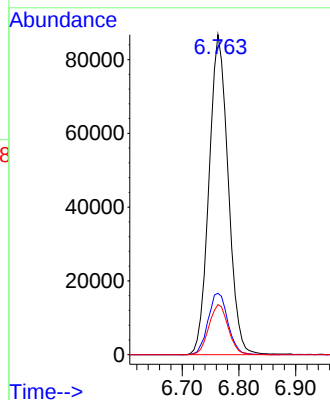
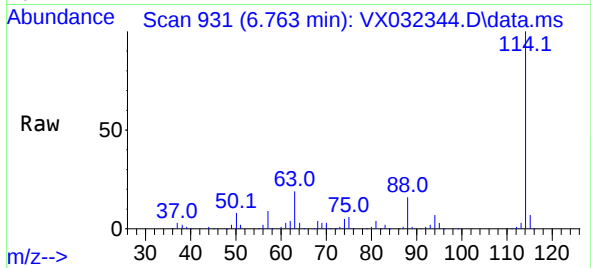




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

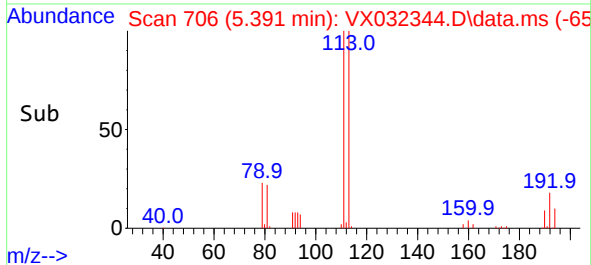
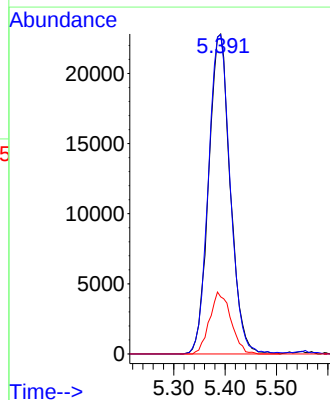
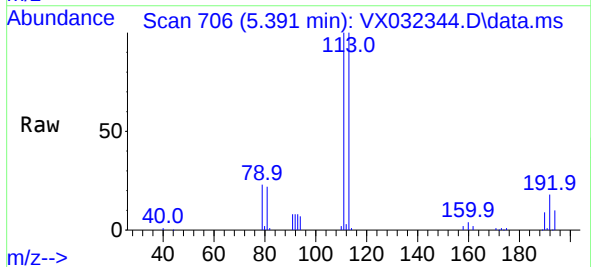
Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03

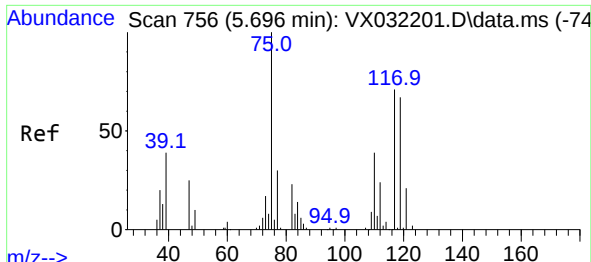
Tgt Ion:114 Resp: 203662
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.891 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion:113 Resp: 66455
Ion Ratio Lower Upper
113 100
111 100.8 82.8 124.2
192 19.1 15.5 23.3

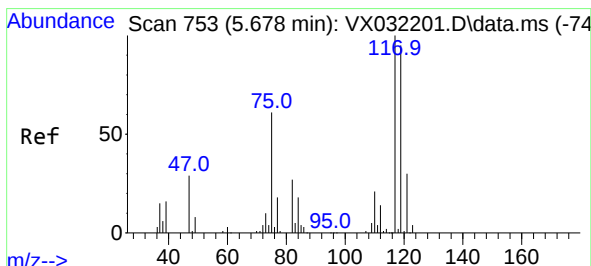
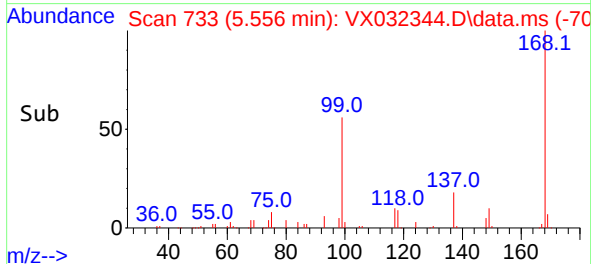
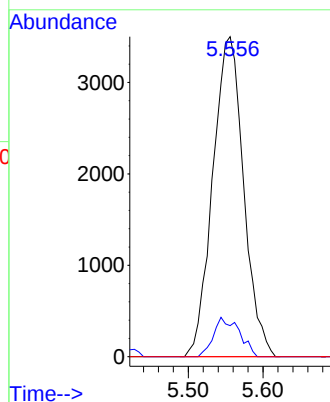
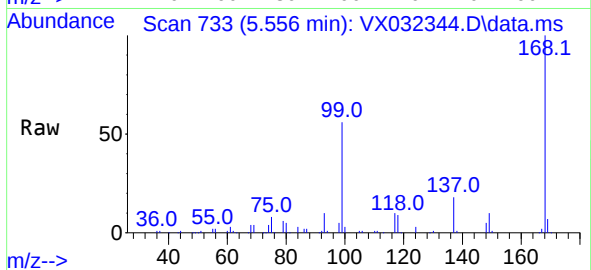




#36
1,1-Dichloropropene
Concen: 5.512 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

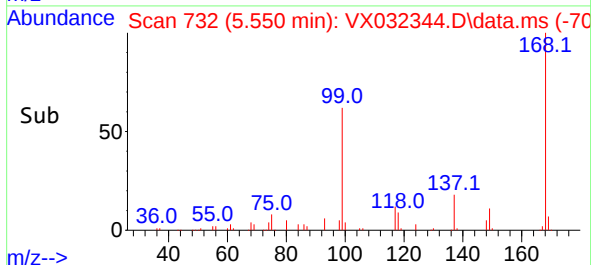
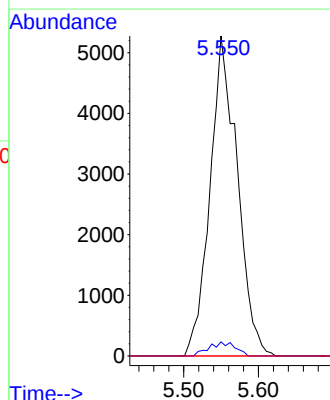
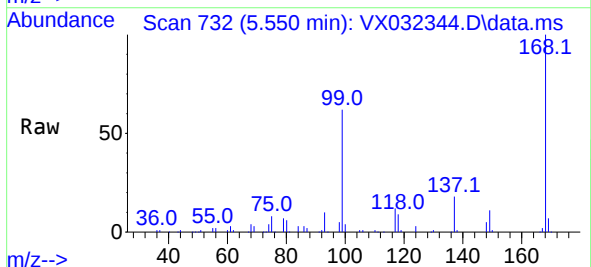
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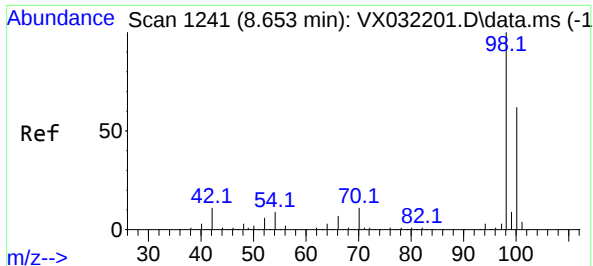
Tgt Ion: 75 Resp: 10048
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.968 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 117 Resp: 13410
Ion Ratio Lower Upper
117 100
119 4.4 75.4 113.0#
121 0.0 23.9 35.9#

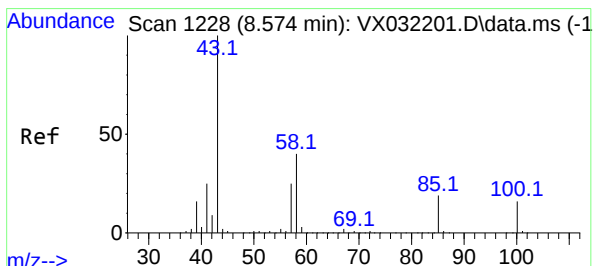
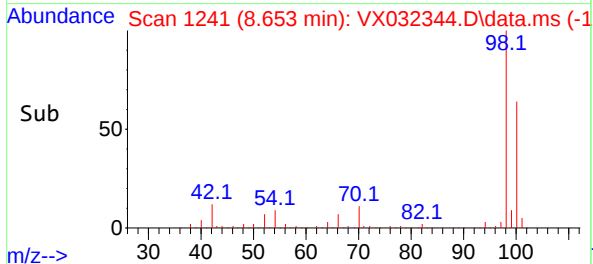
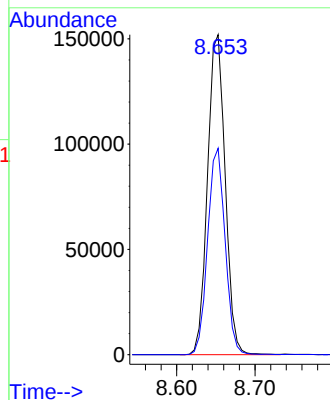
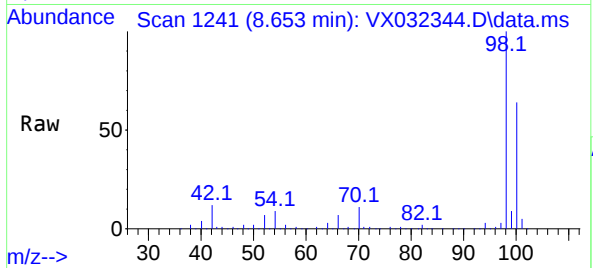




#50
Toluene-d8
Concen: 46.603 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

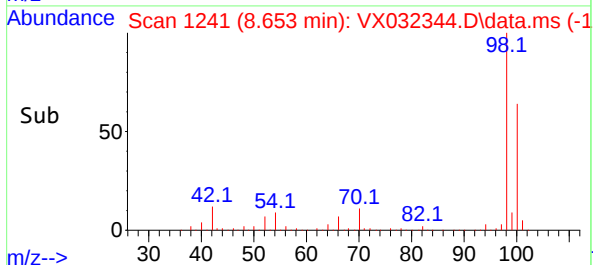
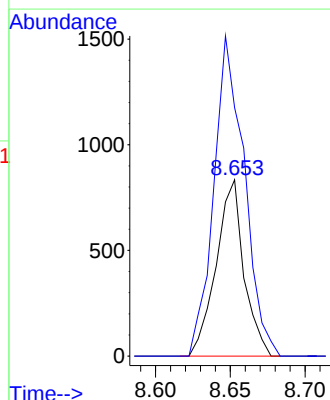
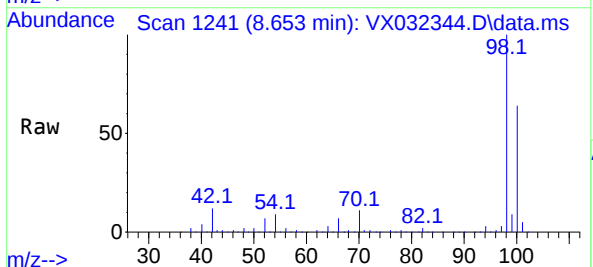
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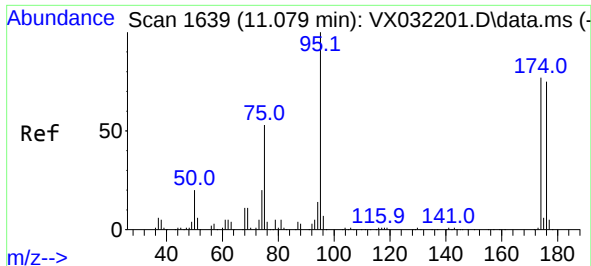
Tgt Ion: 98 Resp: 237749
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 199.4 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 43.438 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032344.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

LSP-GW-03

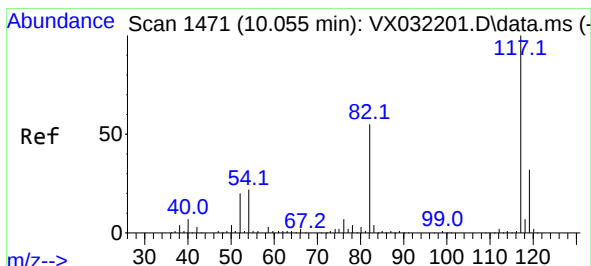
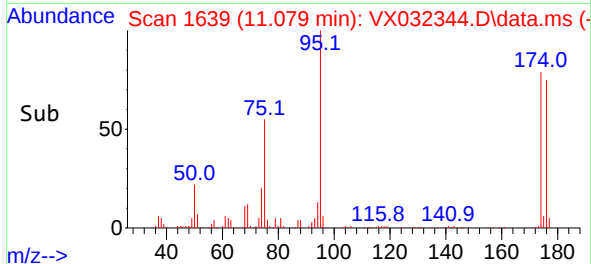
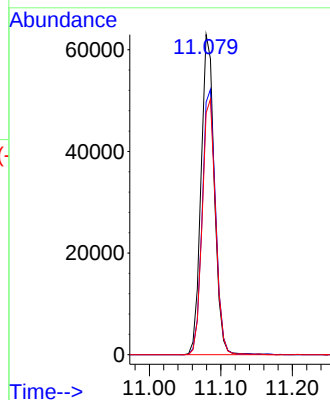
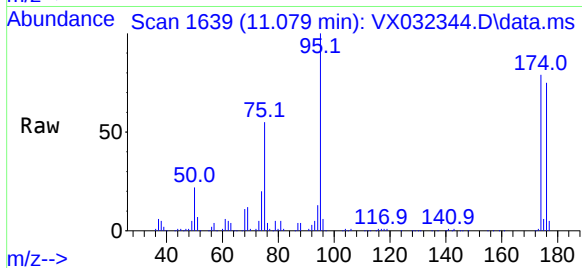
Tgt Ion: 95 Resp: 81147

Ion Ratio Lower Upper

95 100

174 83.7 0.0 166.8

176 80.5 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: VX032344.D

Acq: 24 Oct 2022 16:43

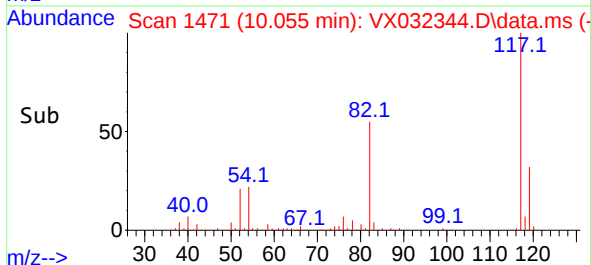
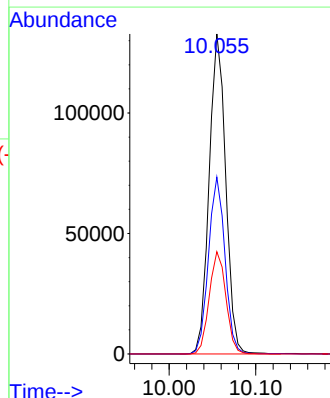
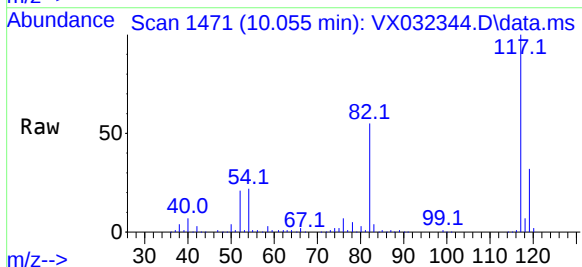
Tgt Ion: 117 Resp: 176159

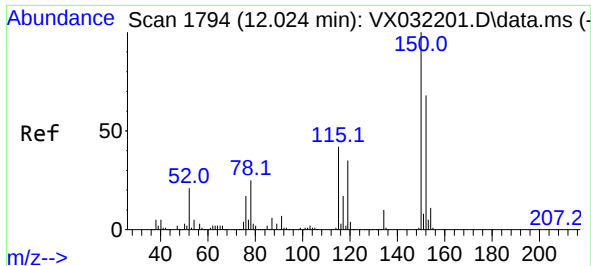
Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.4

119 32.0 25.8 38.8

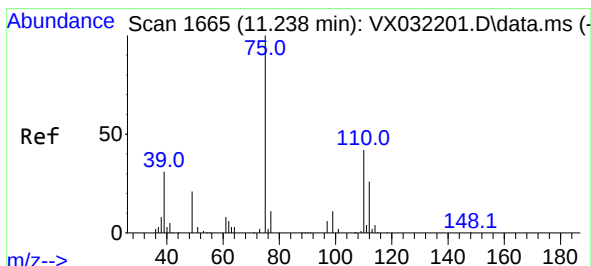
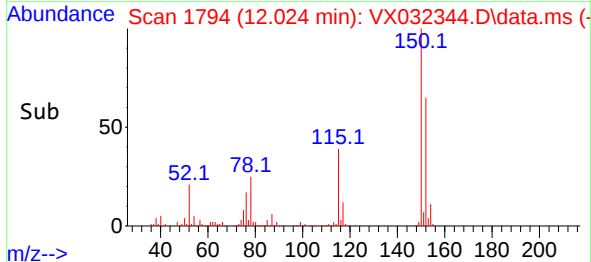
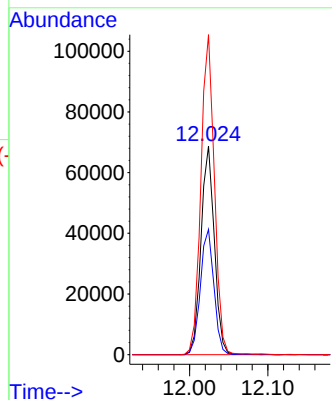
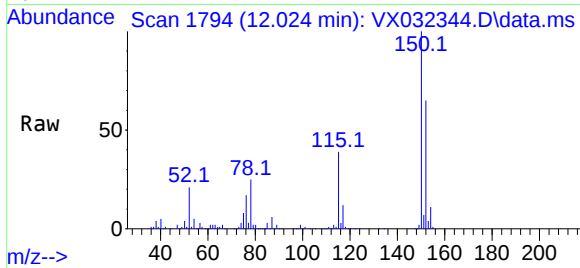




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032344.D
 Acq: 24 Oct 2022 16:43

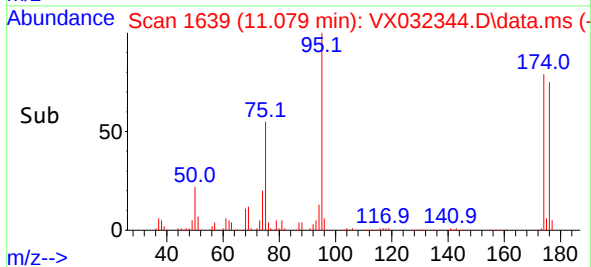
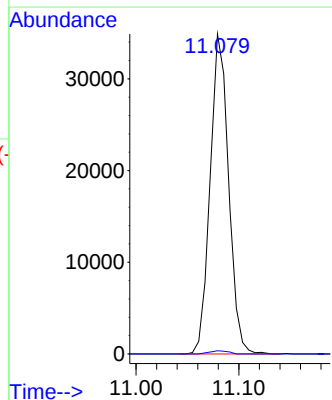
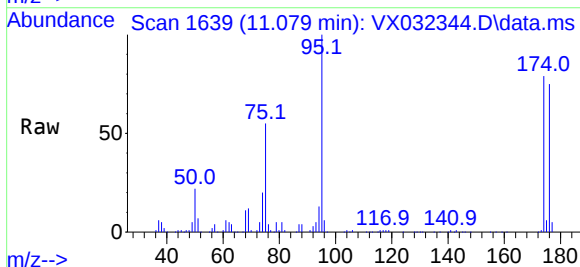
Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-GW-03

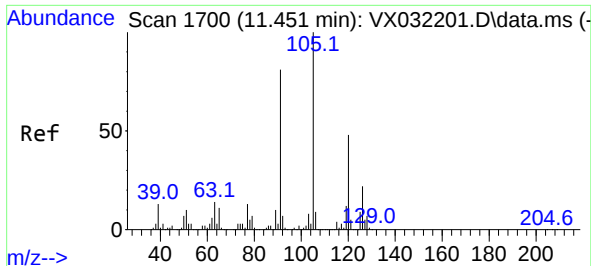
Tgt Ion:152 Resp: 81529
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.1 129.4
 150 154.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 26.945 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032344.D
 Acq: 24 Oct 2022 16:43

Tgt Ion: 75 Resp: 43528
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#

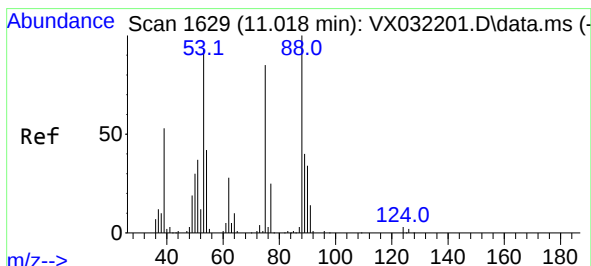
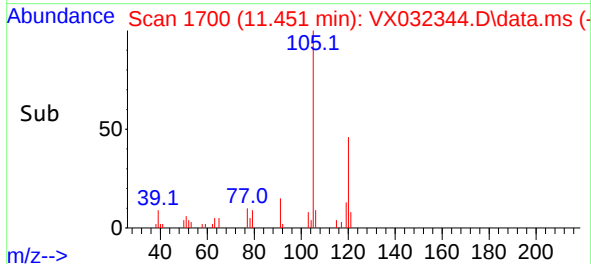
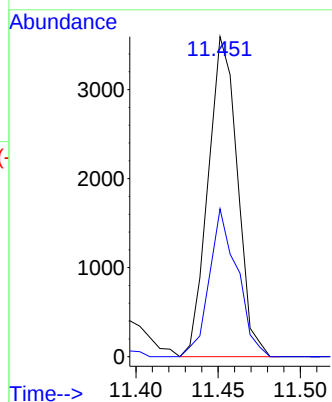
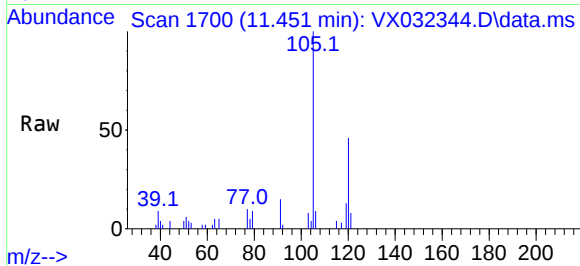




#80
1,3,5-Trimethylbenzene
Concen: 0.886 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

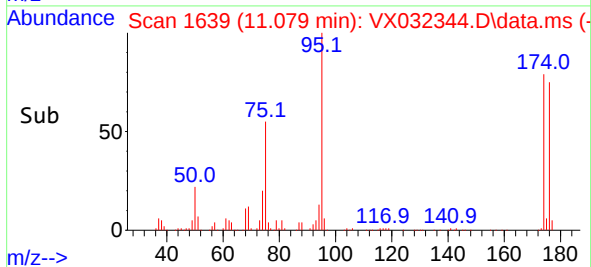
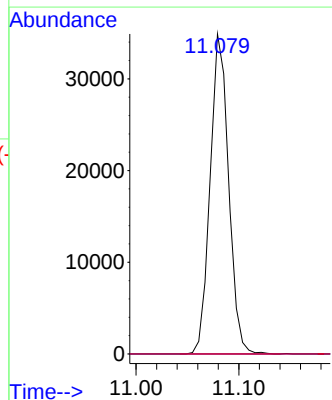
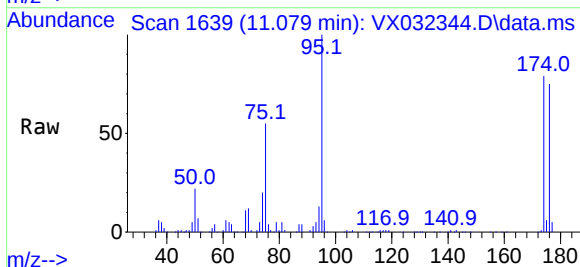
Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03

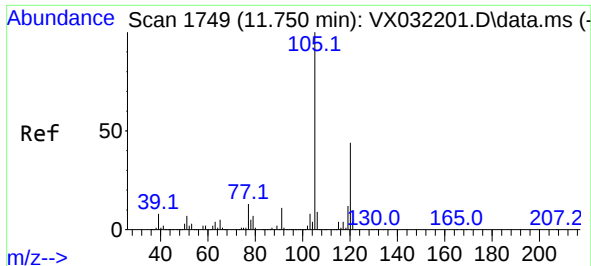
Tgt Ion:105 Resp: 4453
Ion Ratio Lower Upper
105 100
120 44.2 23.5 70.6



#81
trans-1,4-Dichloro-2-butene
Concen: 82.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 75 Resp: 43528
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

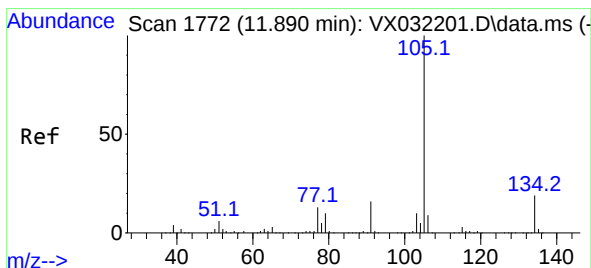
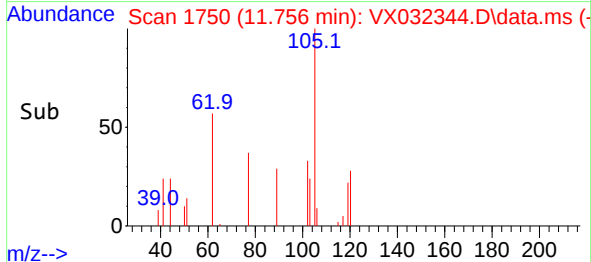
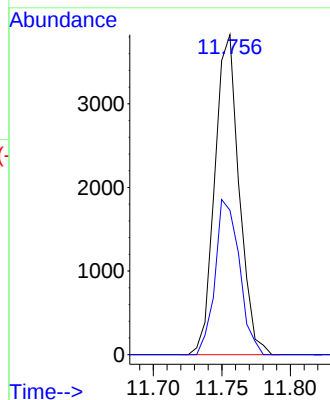
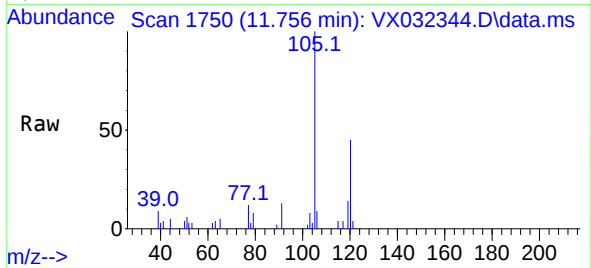




#84
1,2,4-Trimethylbenzene
Concen: 0.968 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

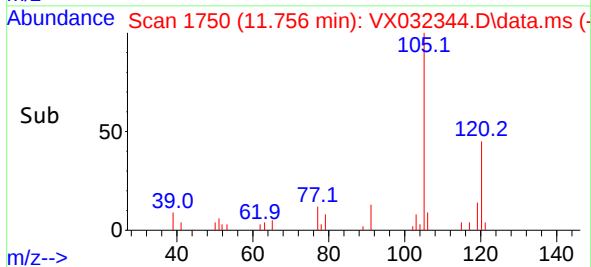
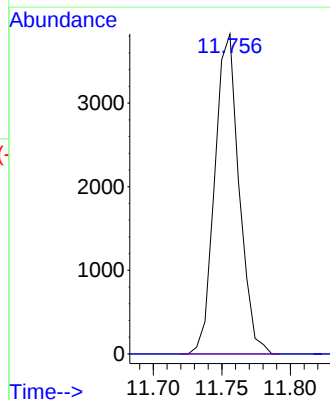
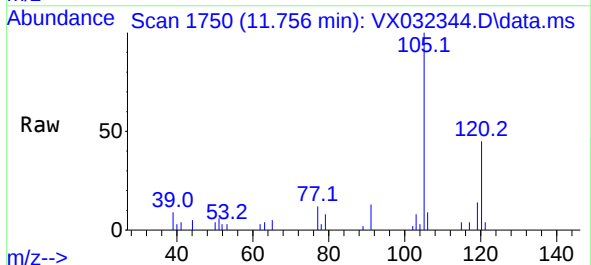
Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03

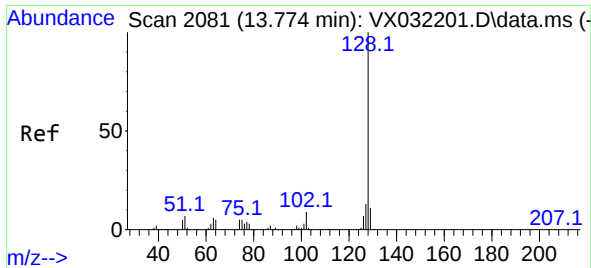
Tgt Ion:105 Resp: 4731
Ion Ratio Lower Upper
105 100
120 48.2 22.1 66.1



#85
sec-Butylbenzene
Concen: 0.779 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

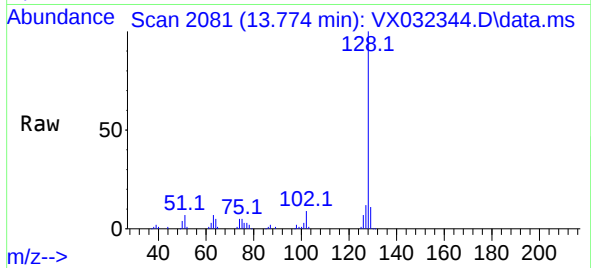
Tgt Ion:105 Resp: 4731
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.3#





#95
Naphthalene
Concen: 7.074 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032344.D
Acq: 24 Oct 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
LSP-GW-03



Tgt Ion:	128	Resp:	39741
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.7	13.1

