

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011023.D
 Acq On : 20 Oct 2022 14:27
 Operator : KP/MD
 Sample : N5193-03
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-02-01-03

Quant Time: Oct 20 22:23:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

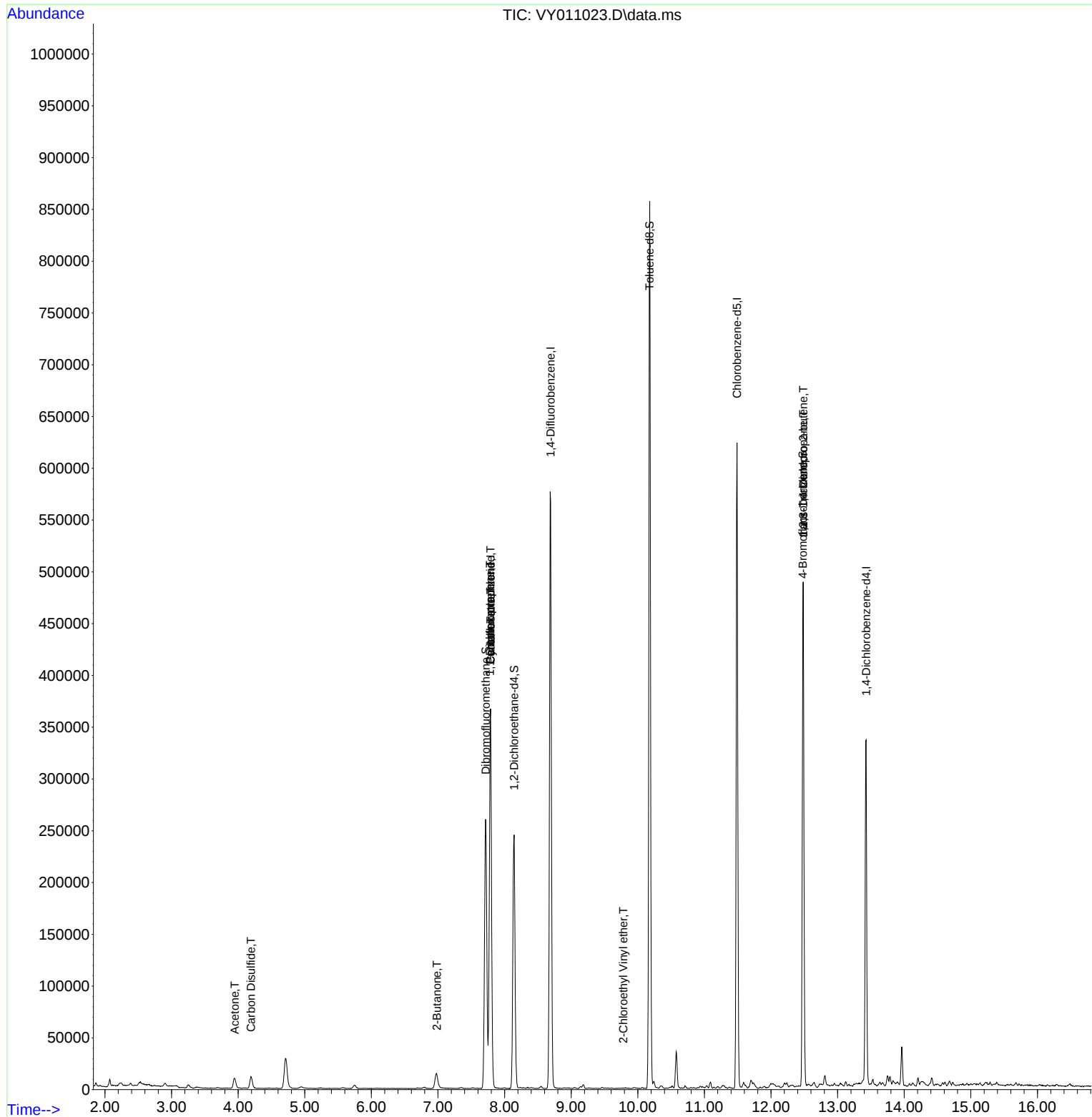
Internal Standards						
1) Pentafluorobenzene	7.789	168	286556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	189617	71.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.680%	
35) Dibromofluoromethane	7.716	113	189283	67.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.700%	
50) Toluene-d8	10.179	98	570675	53.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.477	95	135708	35.346	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	2994	Below Cal	#	93
16) Acetone	3.948	43	17254	22.509	ug/l #	88
17) Carbon Disulfide	4.192	76	20938	2.627	ug/l	99
18) Methyl Acetate	4.485	43	491	Below Cal	#	56
25) 2-Butanone	6.984	43	4596	3.954	ug/l	98
31) Cyclohexane	7.789	56	6324	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21088	4.475	ug/l #	49
38) Carbon Tetrachloride	7.789	117	27057	5.562	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.782	63	54	16.988	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	69714	67.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69714	145.705	ug/l #	7

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

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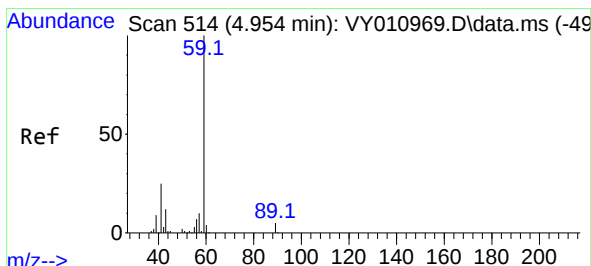
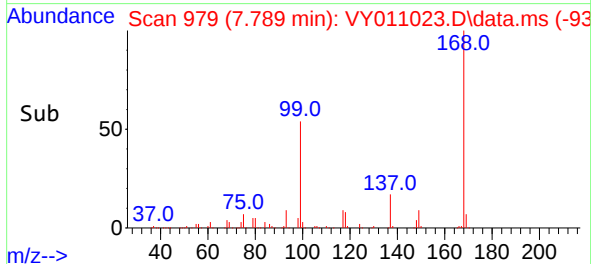
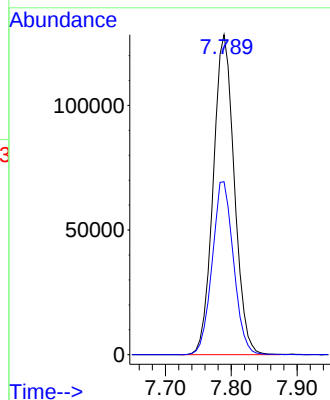
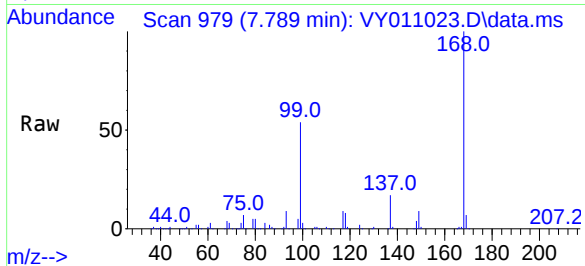




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

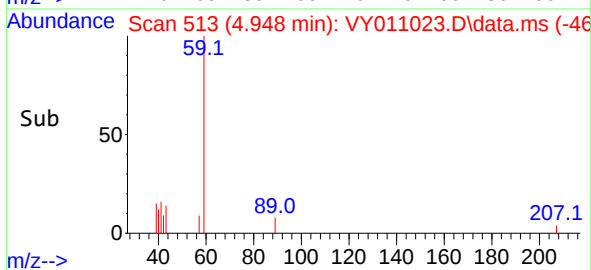
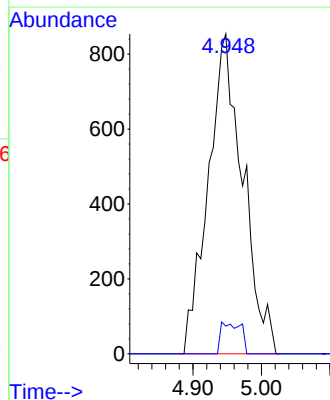
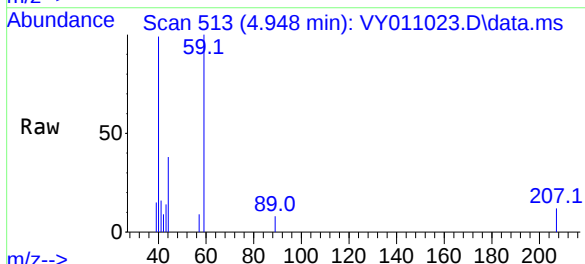
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

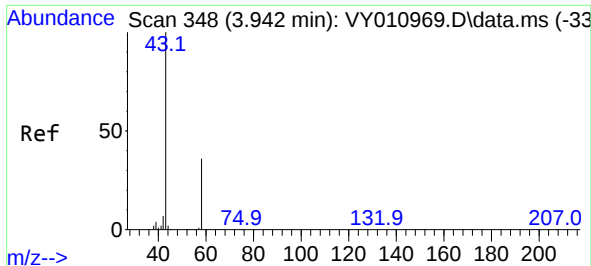
Tgt Ion:168 Resp: 286556
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 59 Resp: 2994
Ion Ratio Lower Upper
59 100
57 5.6 6.4 9.6#

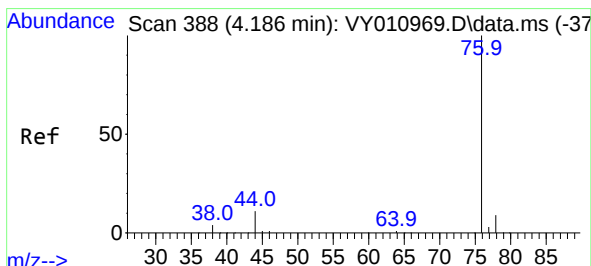
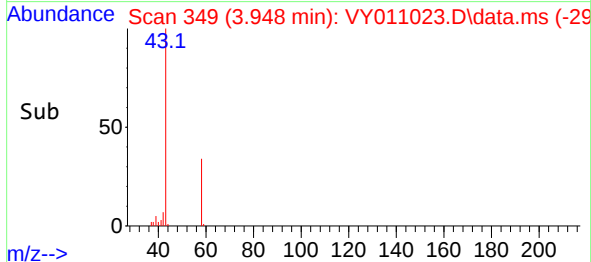
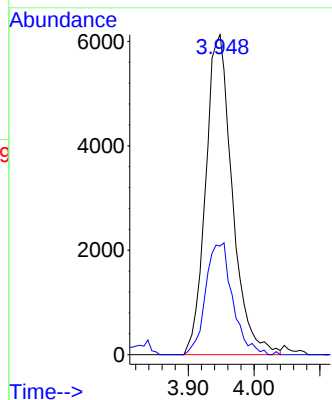
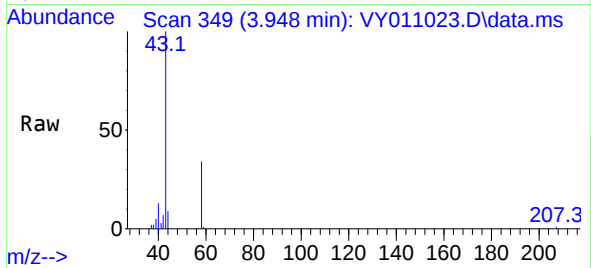




#16
Acetone
Concen: 22.509 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

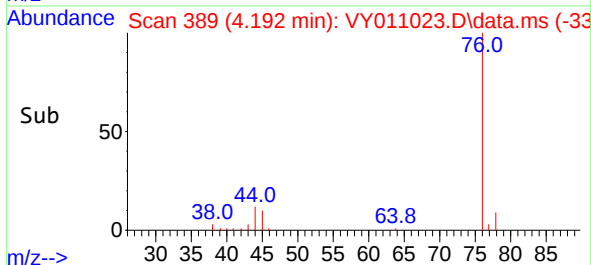
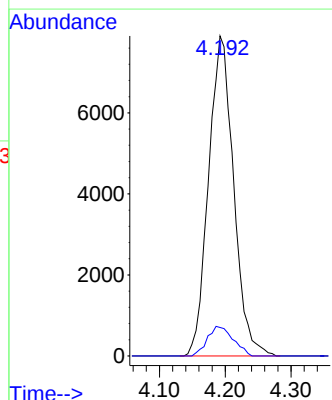
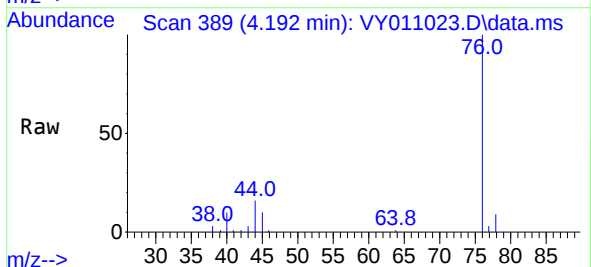
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

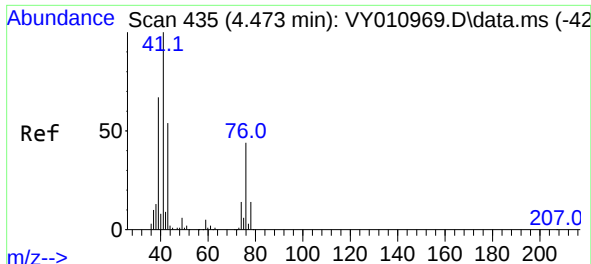
Tgt Ion: 43 Resp: 17254
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#



#17
Carbon Disulfide
Concen: 2.627 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 76 Resp: 20938
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

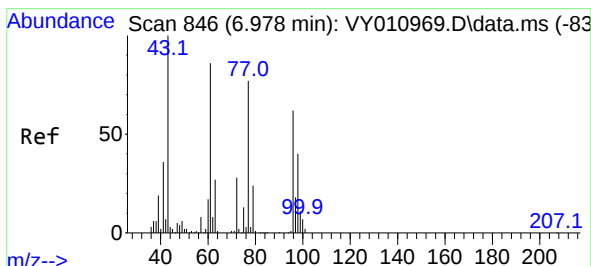
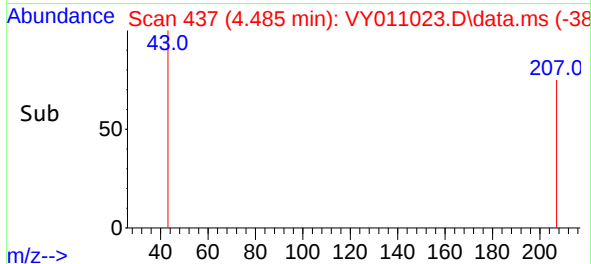
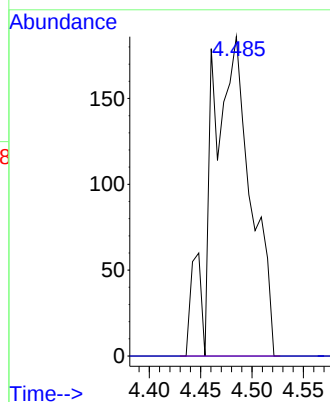
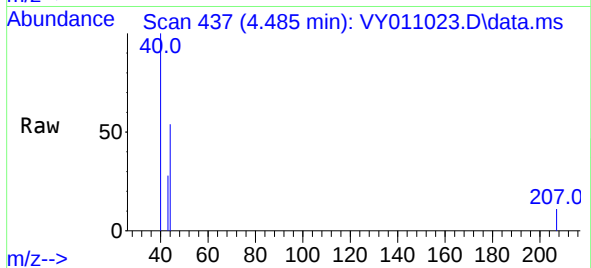




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

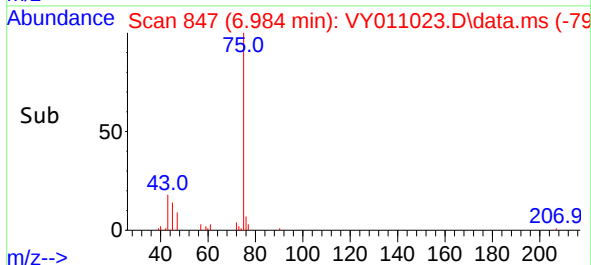
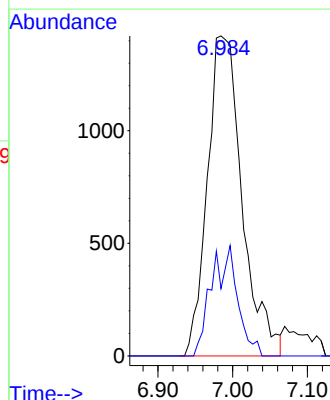
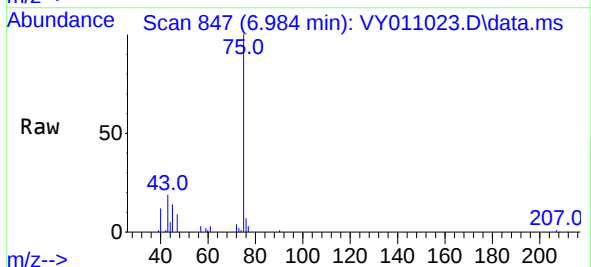
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

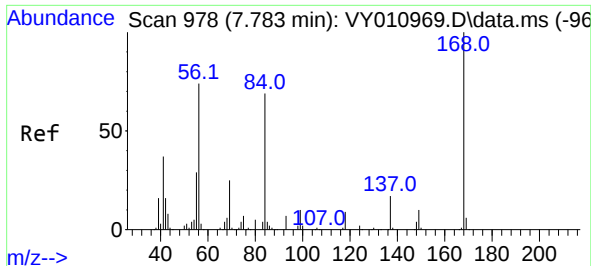
Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 3.954 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
72 21.0 17.7 26.5

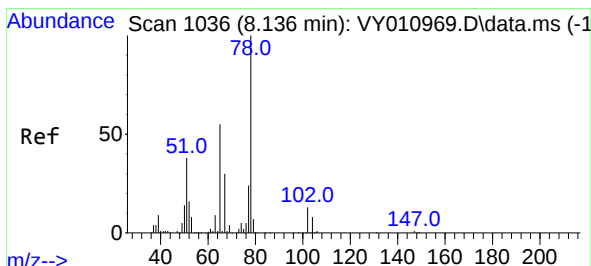
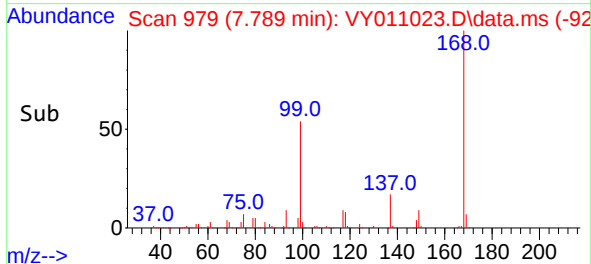
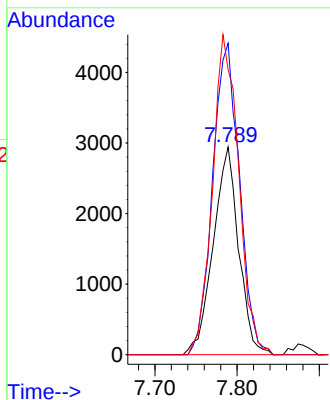
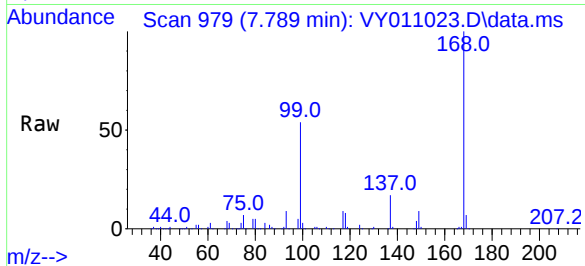




#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

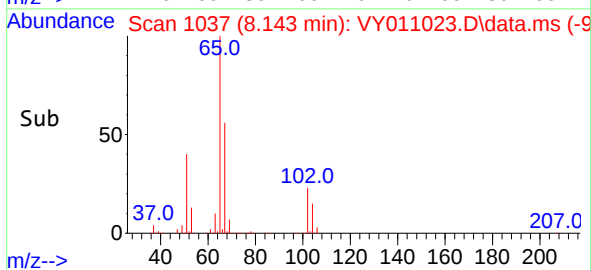
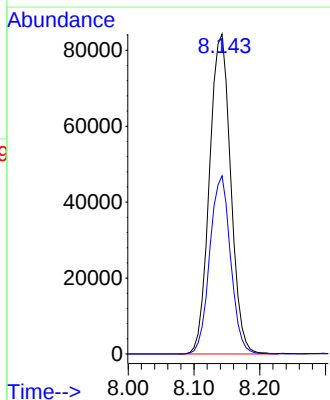
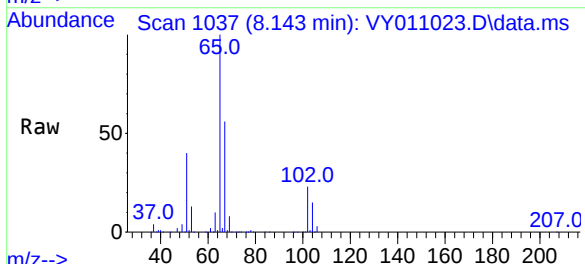
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

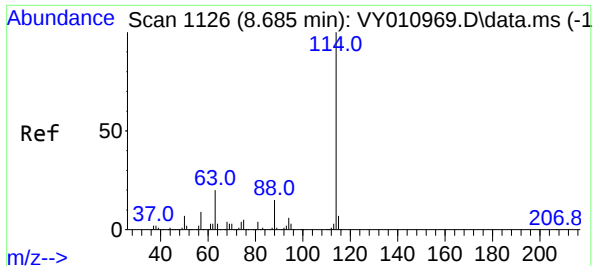
Tgt Ion: 56 Resp: 6324
Ion Ratio Lower Upper
56 100
69 149.9 26.7 40.1#
84 137.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.835 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 65 Resp: 189617
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011023.D

Acq: 20 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-02-01-03

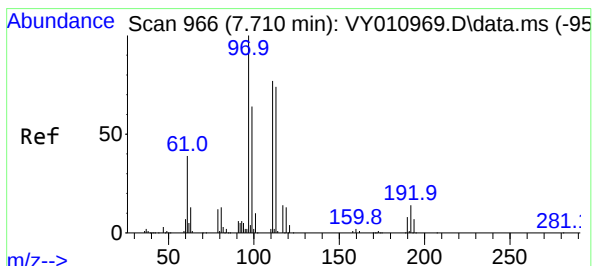
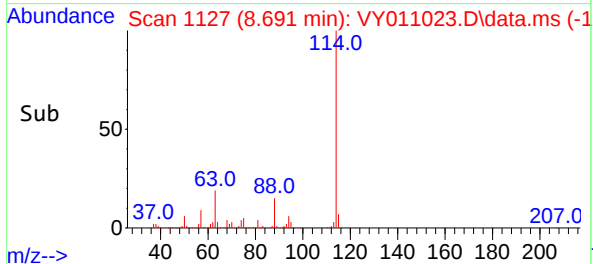
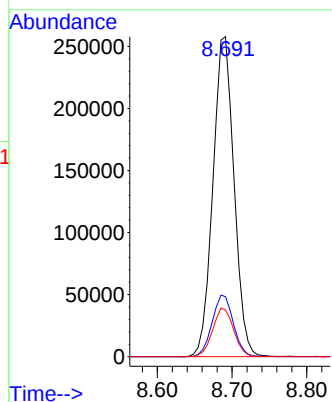
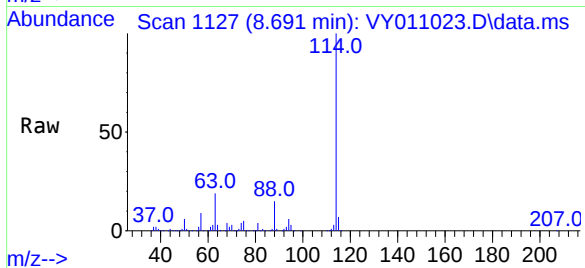
Tgt Ion:114 Resp: 506208

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 67.850 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011023.D

Acq: 20 Oct 2022 14:27

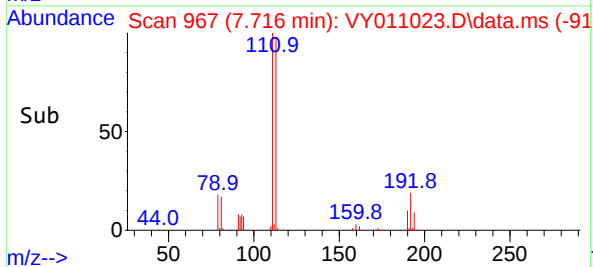
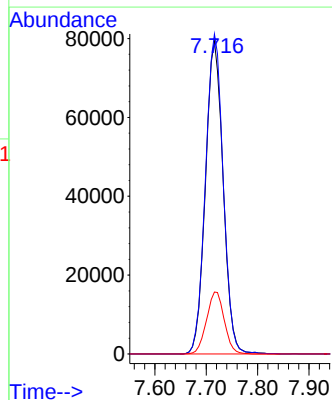
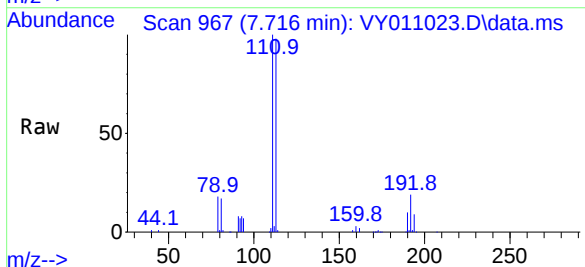
Tgt Ion:113 Resp: 189283

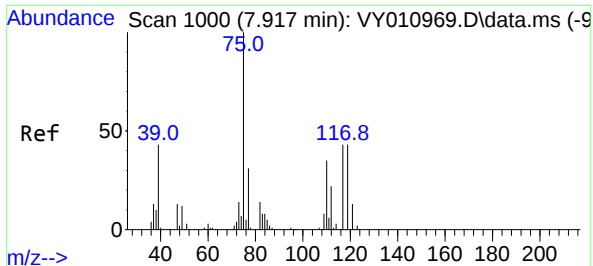
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.475 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011023.D

Acq: 20 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-02-01-03

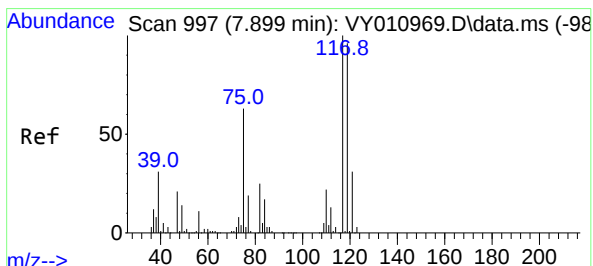
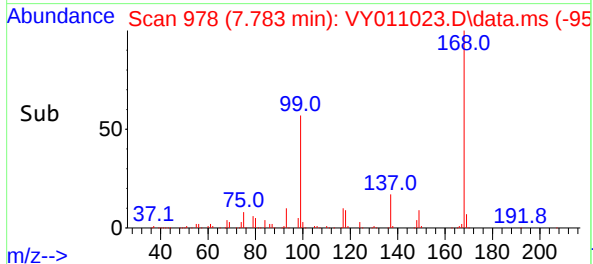
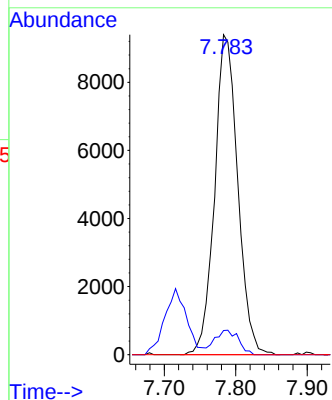
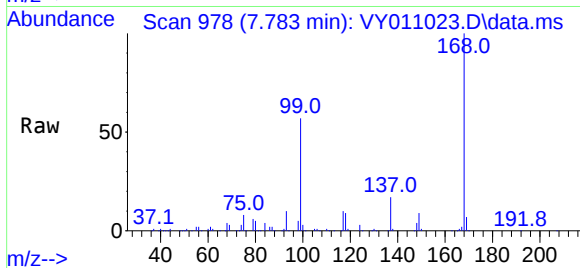
Tgt Ion: 75 Resp: 21088

Ion Ratio Lower Upper

75 100

110 7.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.562 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011023.D

Acq: 20 Oct 2022 14:27

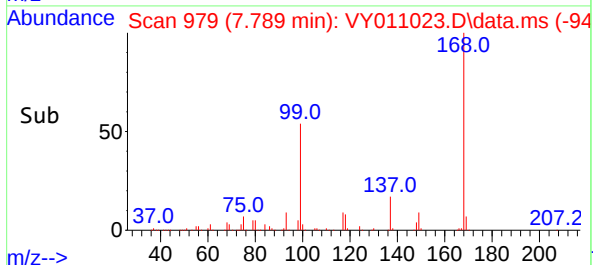
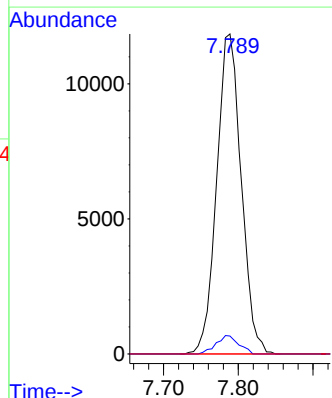
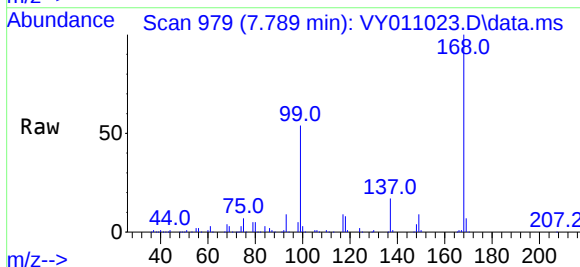
Tgt Ion: 117 Resp: 27057

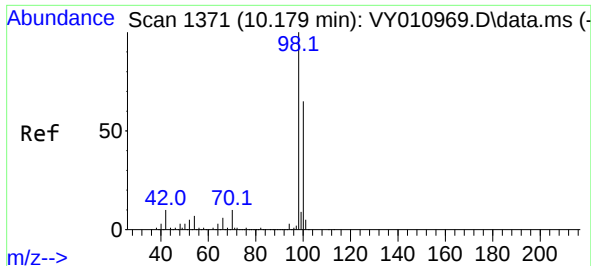
Ion Ratio Lower Upper

117 100

119 5.6 77.9 116.9#

121 0.0 24.8 37.2#

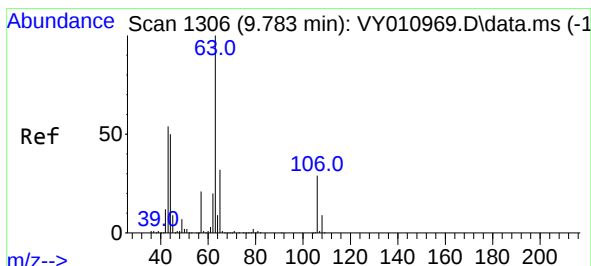
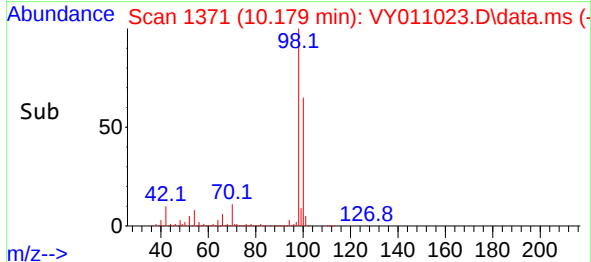
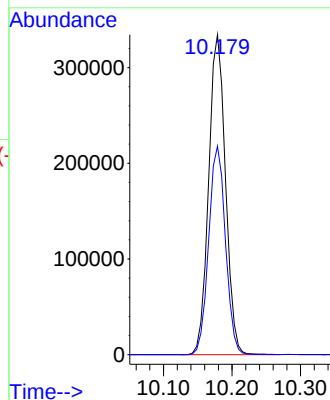
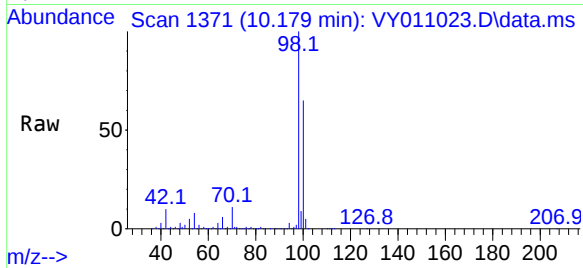




#50
Toluene-d8
Concen: 53.992 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

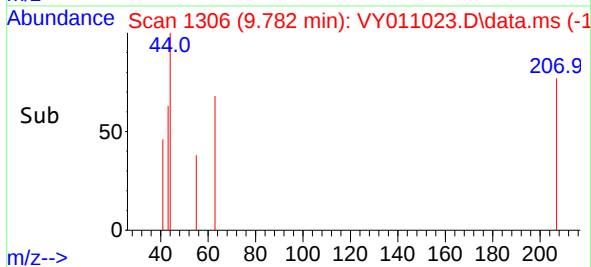
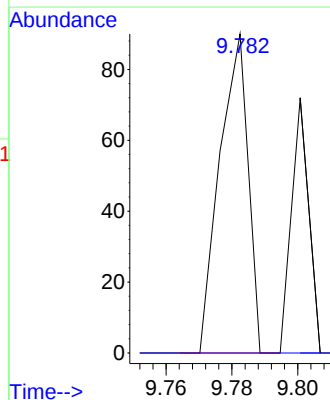
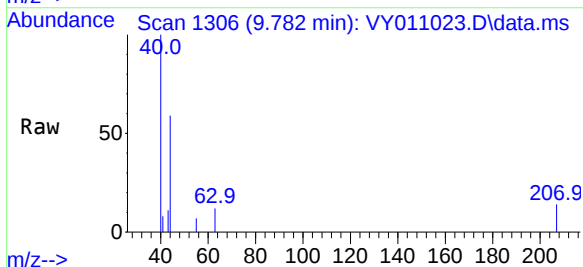
Instrument :
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LSP-SS-02-01-03

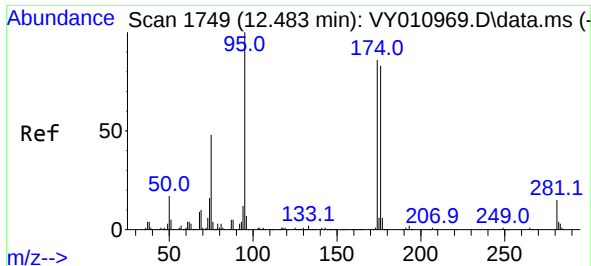
Tgt Ion: 98 Resp: 570675
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 16.988 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

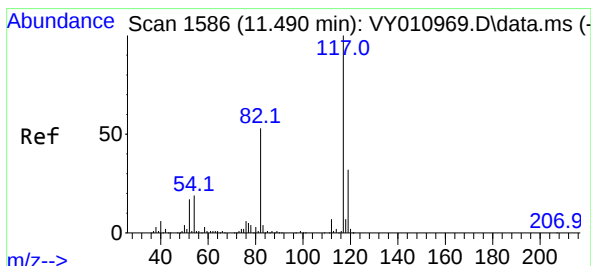
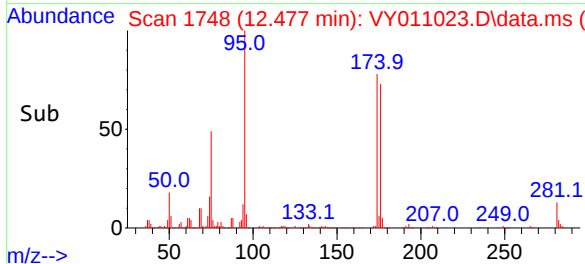
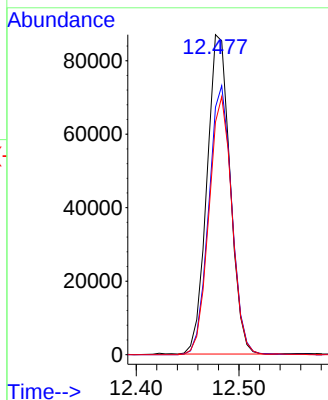
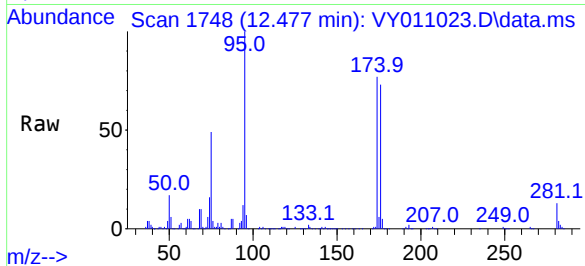




#62
4-Bromofluorobenzene
Concen: 35.346 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

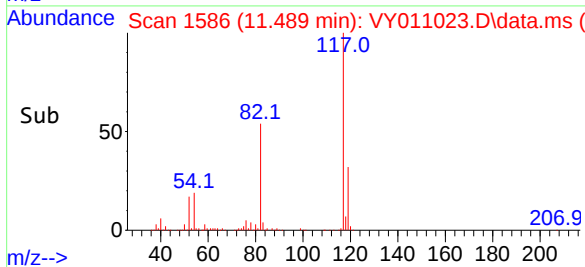
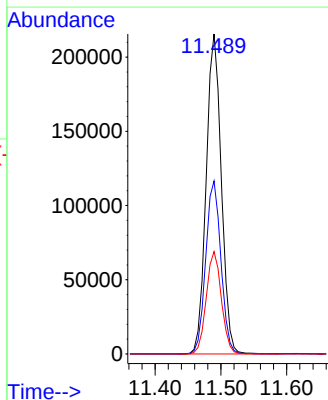
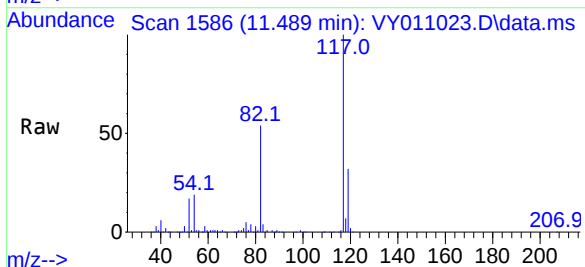
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

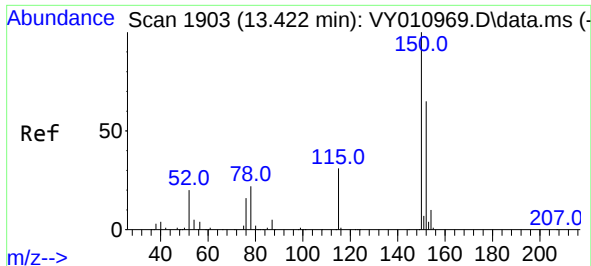
Tgt Ion: 95 Resp: 135708
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 117 Resp: 345321
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.0 25.4 38.0

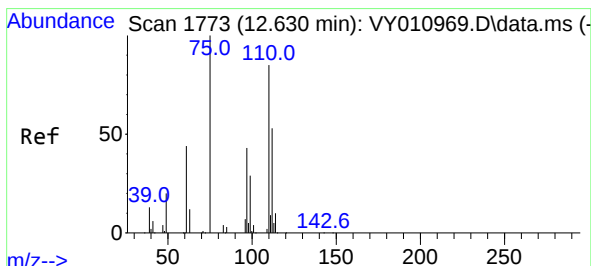
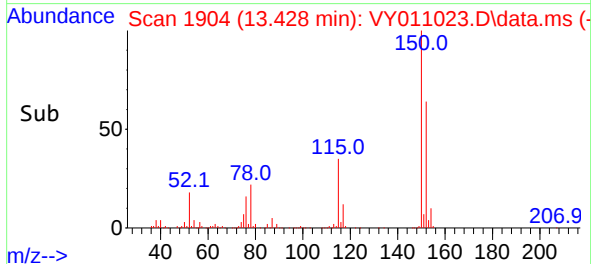
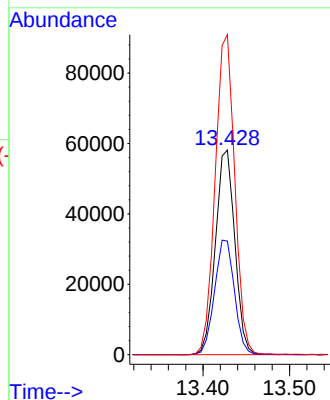
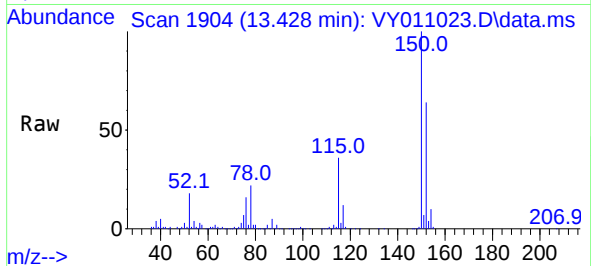




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

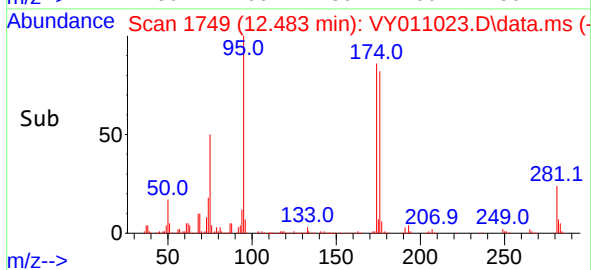
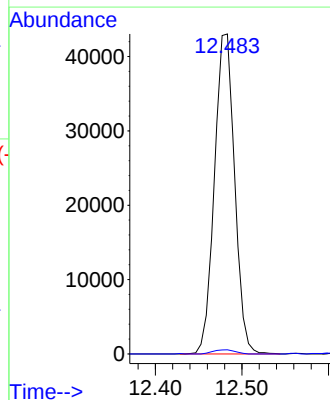
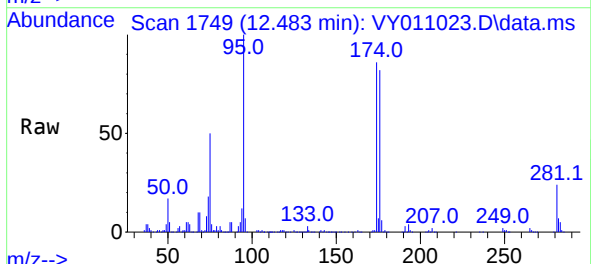
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-02-01-03

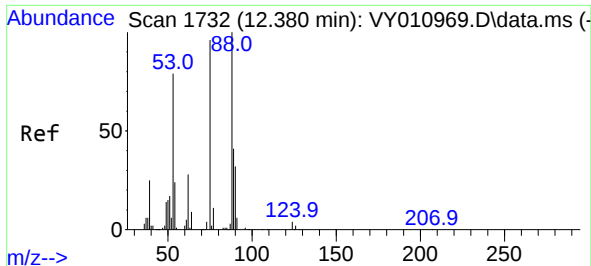
Tgt Ion:152 Resp: 90638
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 67.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011023.D
Acq: 20 Oct 2022 14:27

Tgt Ion: 75 Resp: 69714
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.705 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011023.D
 Acq: 20 Oct 2022 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-02-01-03

Tgt Ion: 75 Resp: 69714
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

