

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011028.D
 Acq On : 20 Oct 2022 16:21
 Operator : KP/MD
 Sample : N5193-06
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-03-03-05

Quant Time: Oct 20 22:24:37 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)

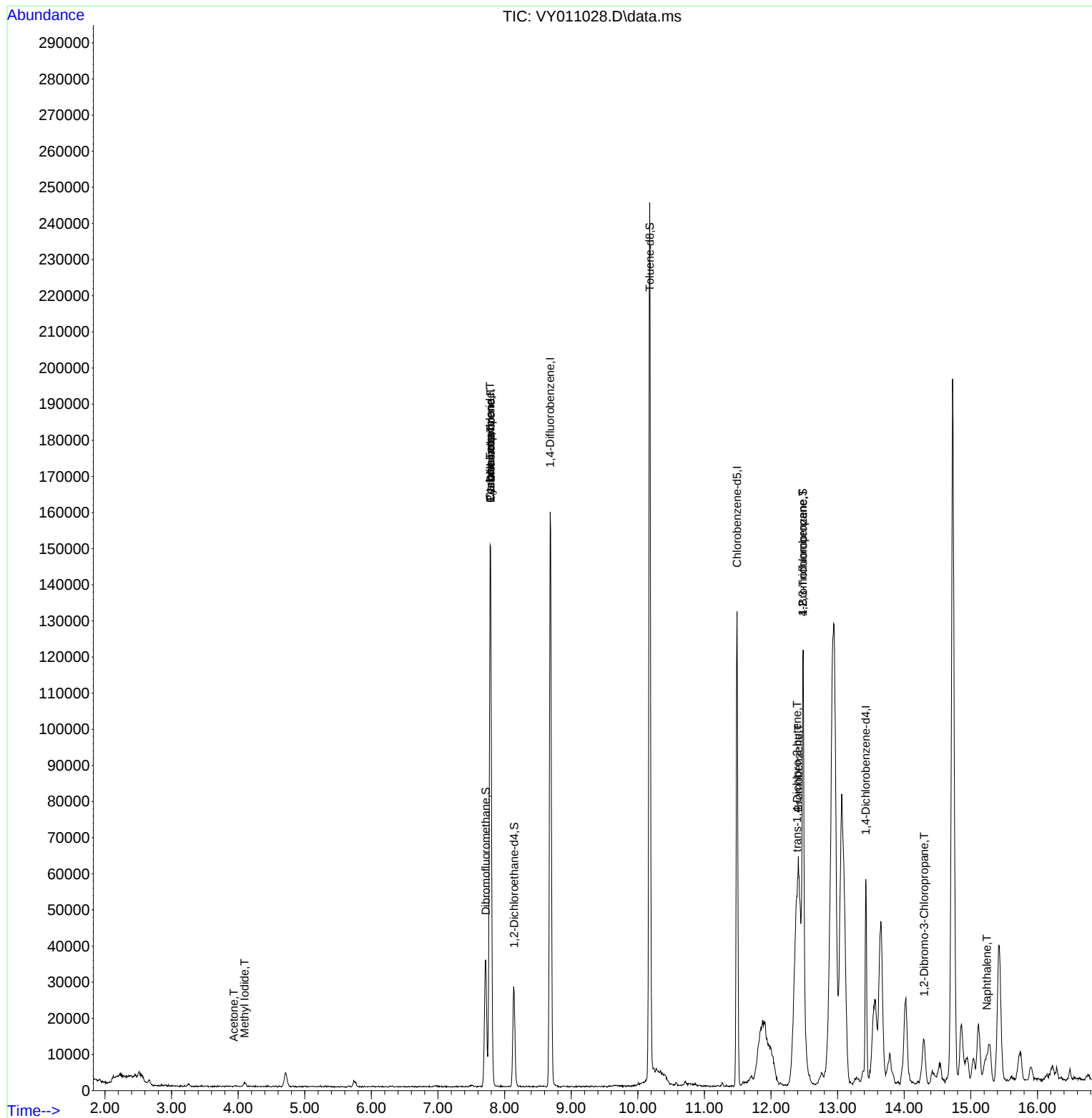
Internal Standards						
1) Pentafluorobenzene	7.789	168	119601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21614	19.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.240%#
35) Dibromofluoromethane	7.716	113	25771	32.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.060%
50) Toluene-d8	10.179	98	164031	55.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.480%
62) 4-Bromofluorobenzene	12.477	95	26233	23.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.080%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	1767	1.219	ug/l #	91
16) Acetone	3.936	43	488	1.525	ug/l #	47
20) Methylene Chloride	4.710	84	2877	Below Cal		89
31) Cyclohexane	7.789	56	2293	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9086	6.925	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11792	8.706	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	13968	83.655	ug/l #	100
77) Bromobenzene	12.410	156	107419	430.088	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.392	75	1848	23.804	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.300	75	378	10.195	ug/l #	6
95) Naphthalene	15.239	128	3266	6.017	ug/l #	71

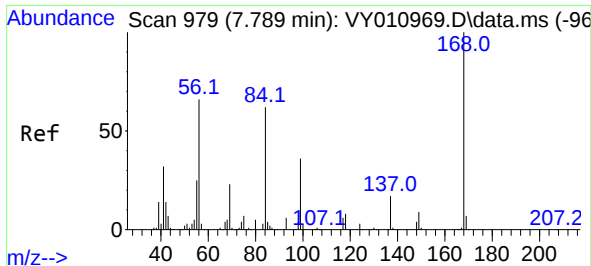
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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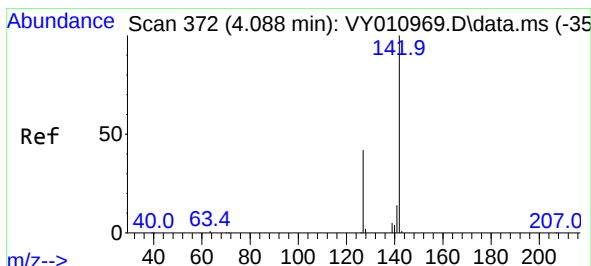
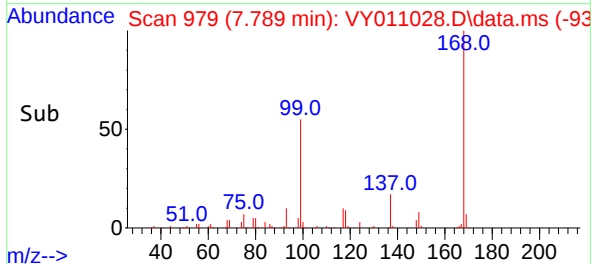
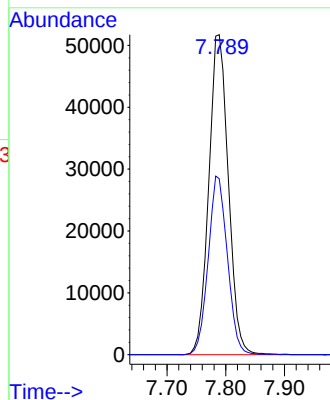
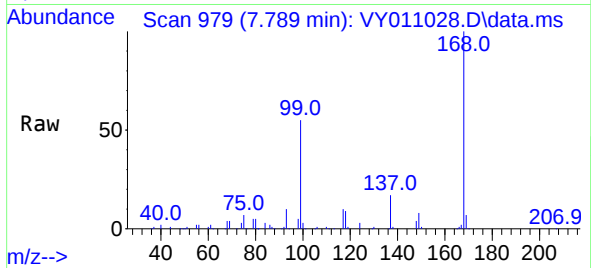




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

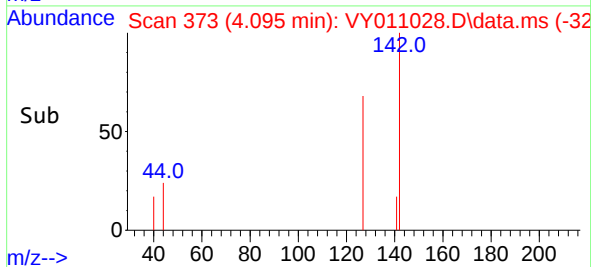
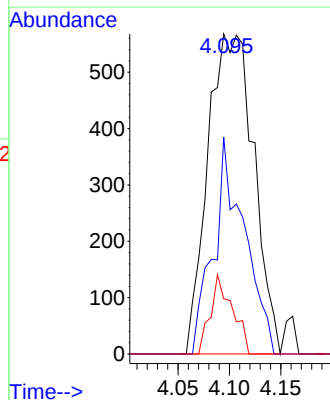
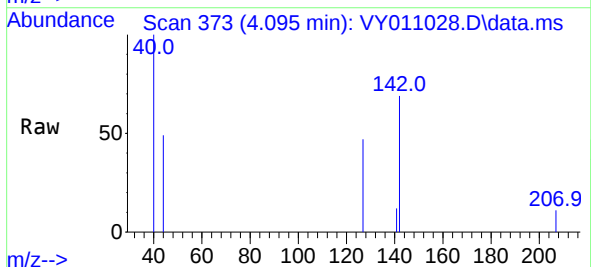
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

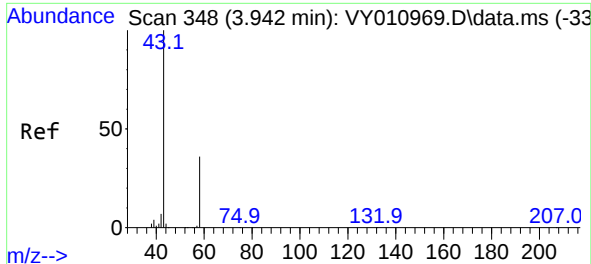
Tgt Ion:168 Resp: 119601
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#10
Methyl Iodide
Concen: 1.219 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion:142 Resp: 1767
Ion Ratio Lower Upper
142 100
127 45.7 41.5 62.3
141 11.8 11.9 17.9#





#16

Acetone

Concen: 1.525 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY011028.D

Acq: 20 Oct 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

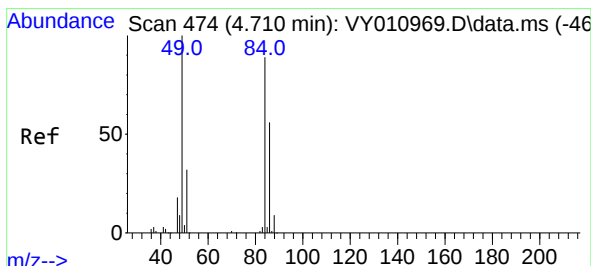
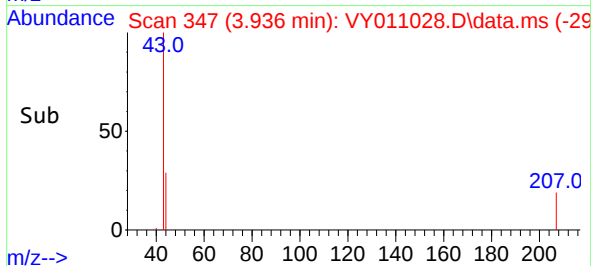
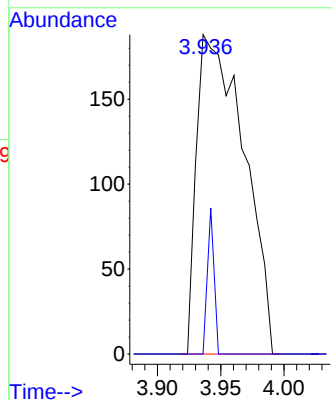
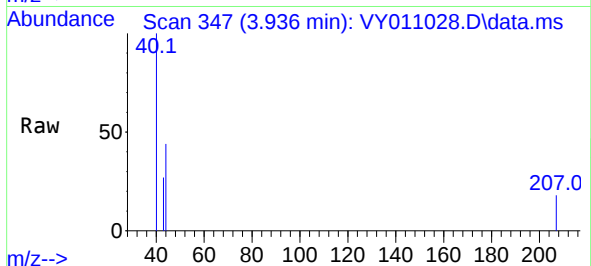
LSP-SS-03-03-05

Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011028.D

Acq: 20 Oct 2022 16:21

Tgt Ion: 84 Resp: 2877

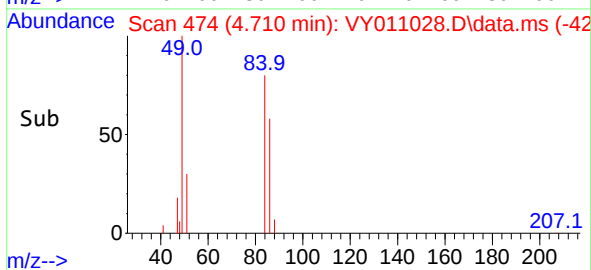
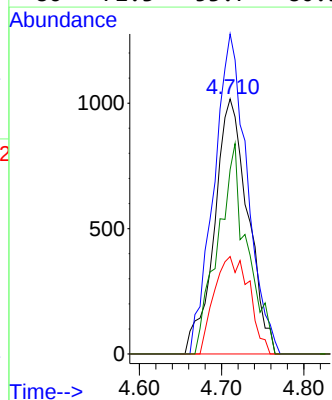
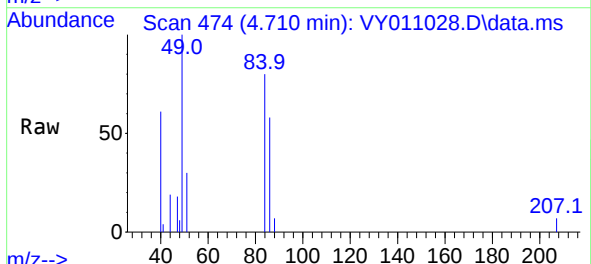
Ion Ratio Lower Upper

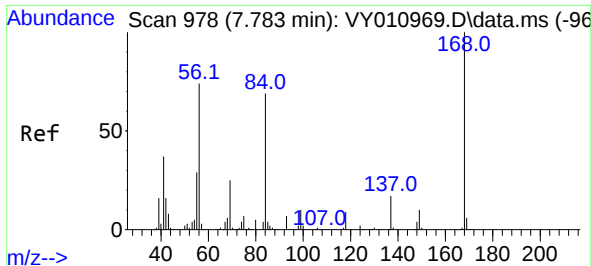
84 100

49 125.5 114.4 171.6

51 38.2 35.3 52.9

86 72.3 53.7 80.5

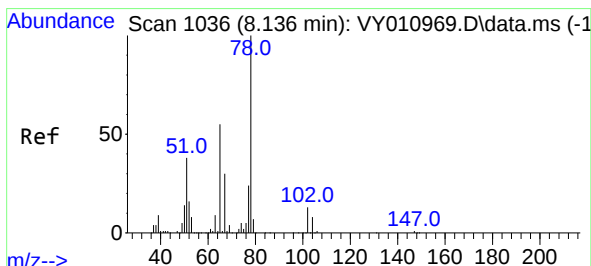
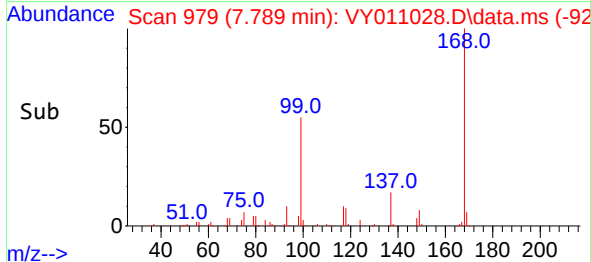
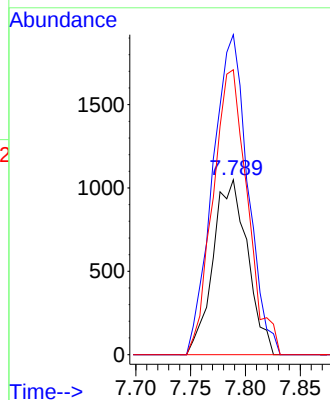
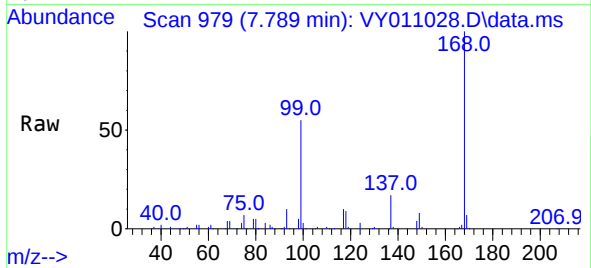




#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

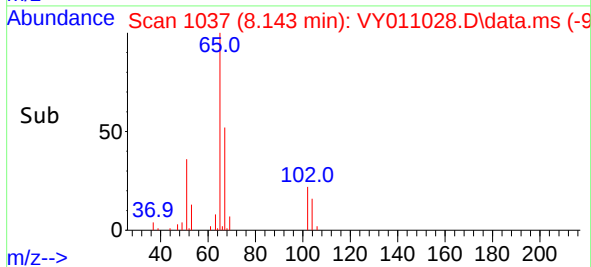
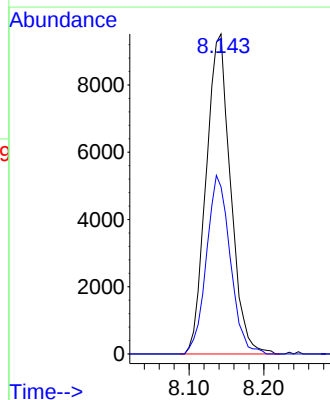
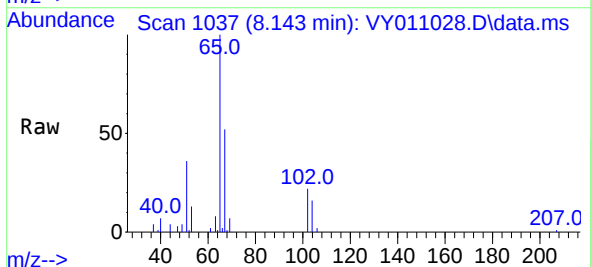
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

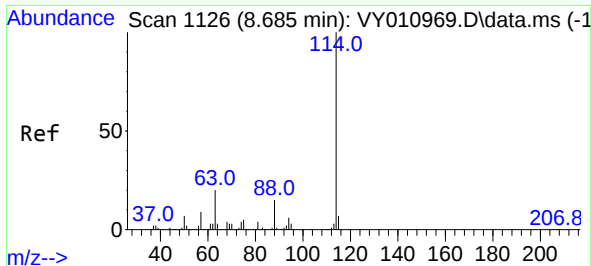
Tgt Ion: 56 Resp: 2293
Ion Ratio Lower Upper
56 100
69 183.0 26.7 40.1#
84 163.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 19.619 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion: 65 Resp: 21614
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4



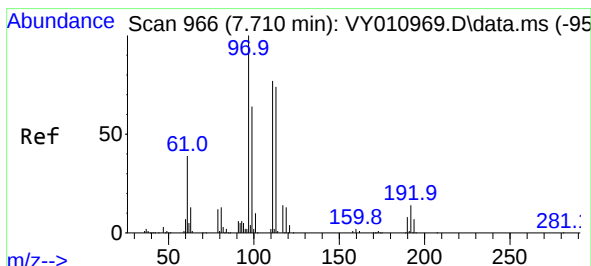
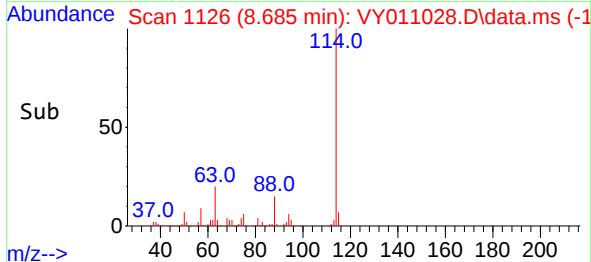
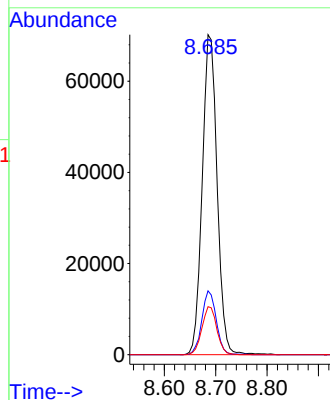
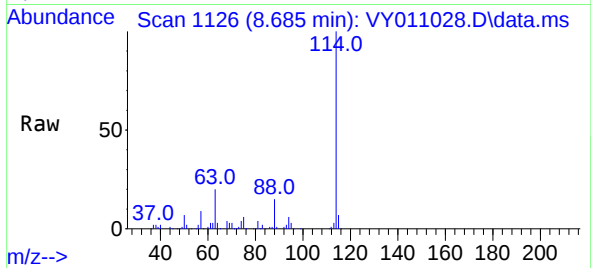


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

Tgt Ion:114 Resp: 140950

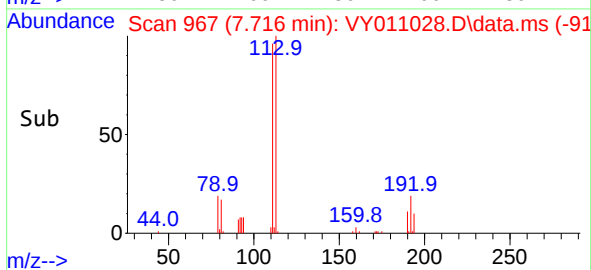
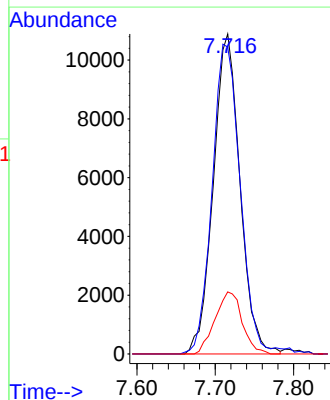
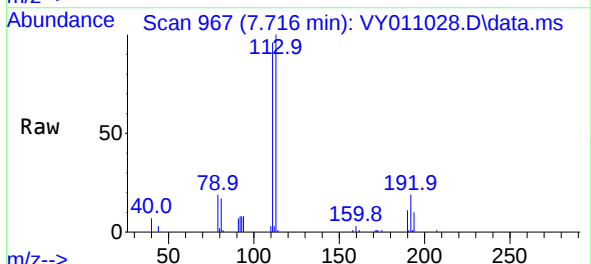
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.2
88	15.0	0.0	31.8

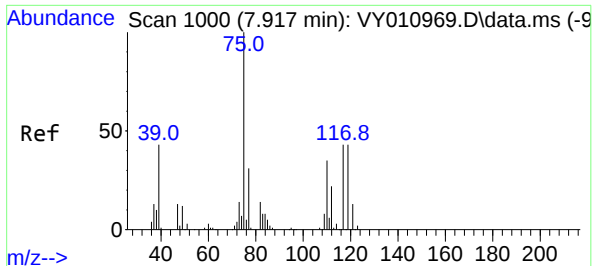


#35
Dibromofluoromethane
Concen: 32.026 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion:113 Resp: 25771

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	19.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 6.925 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011028.D

Acq: 20 Oct 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-03-03-05

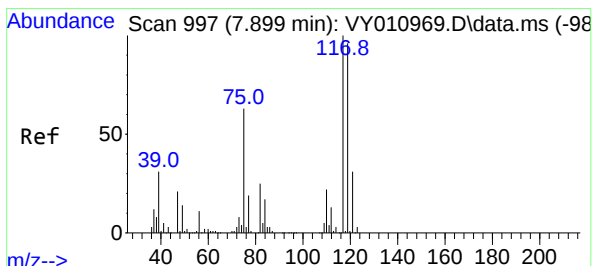
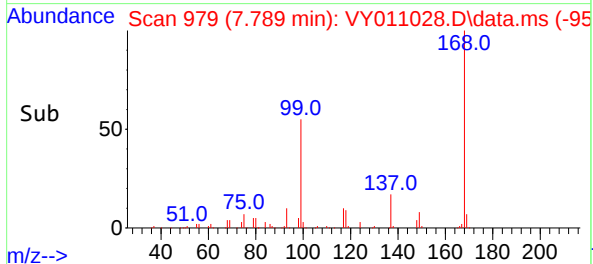
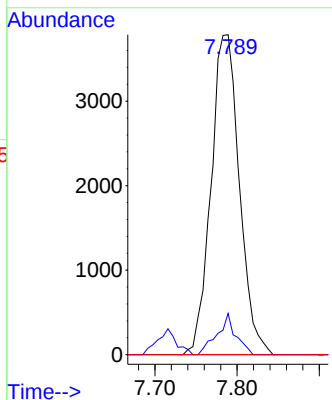
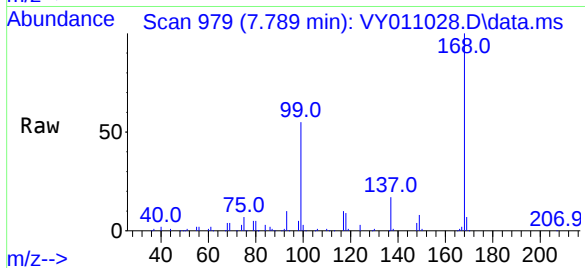
Tgt Ion: 75 Resp: 9086

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 8.706 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011028.D

Acq: 20 Oct 2022 16:21

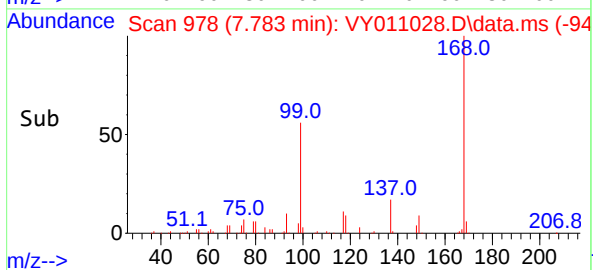
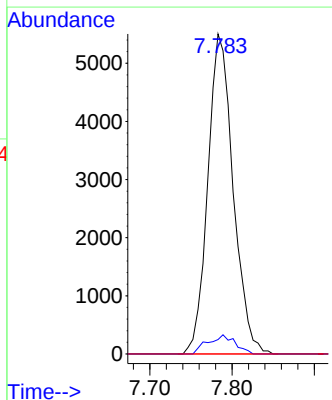
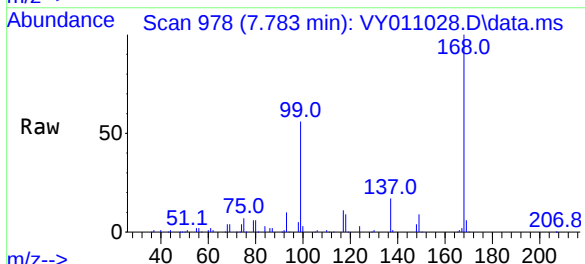
Tgt Ion: 117 Resp: 11792

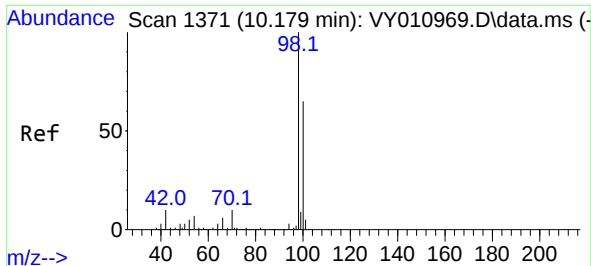
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

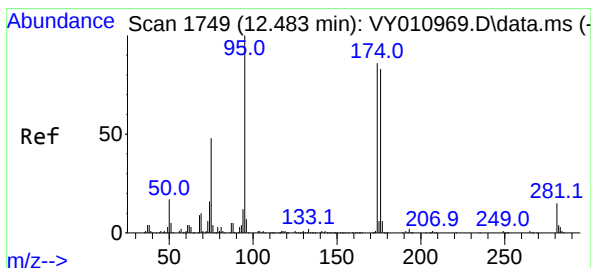
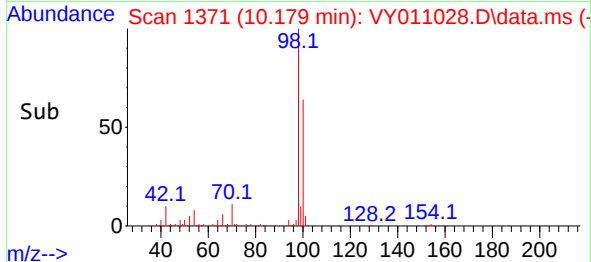
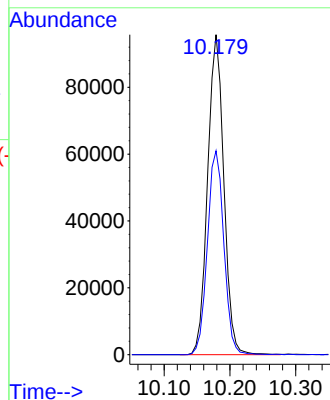
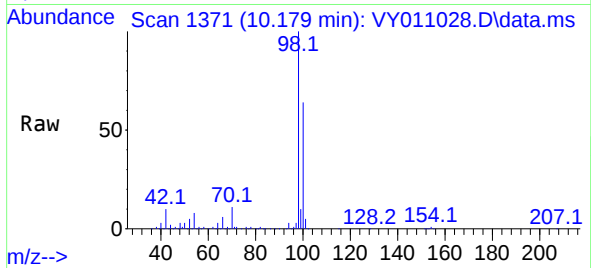




#50
Toluene-d8
Concen: 55.735 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

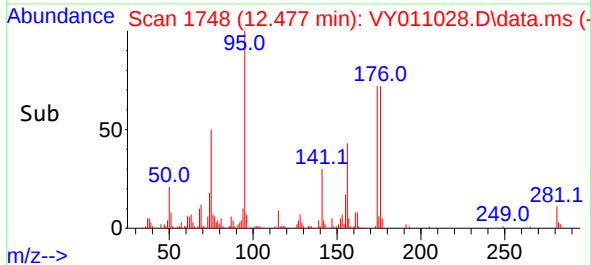
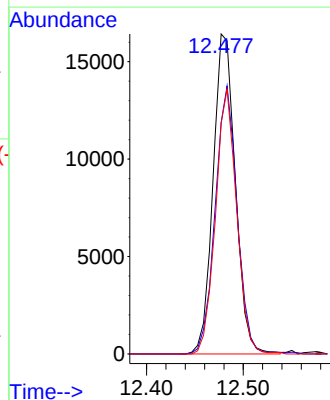
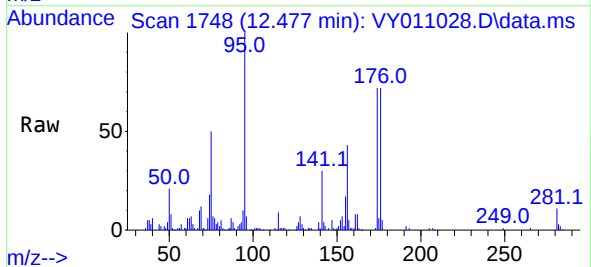
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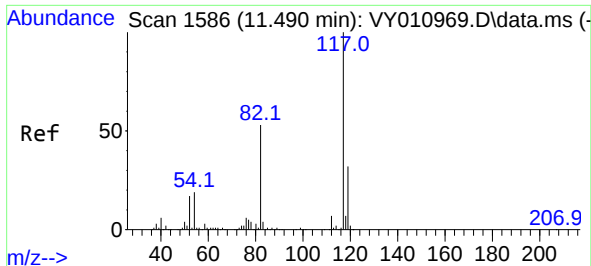
Tgt Ion: 98 Resp: 164031
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.537 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion: 95 Resp: 26233
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 78.5 0.0 175.8

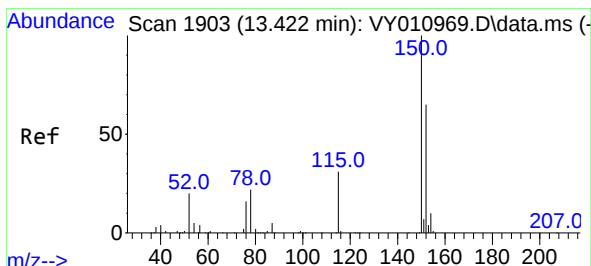
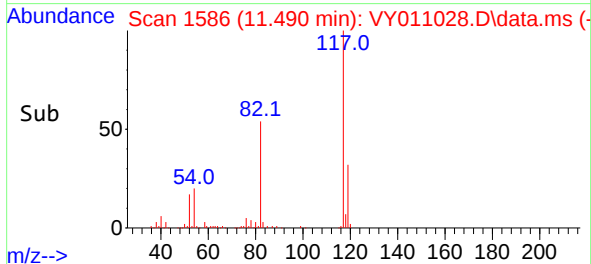
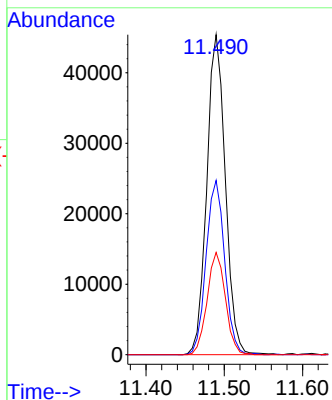
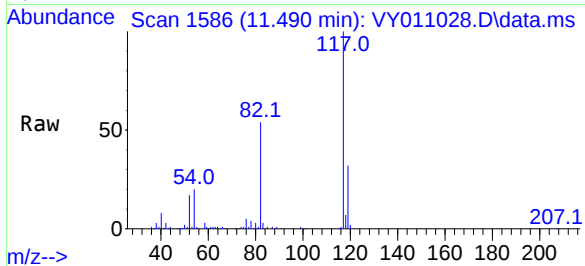




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

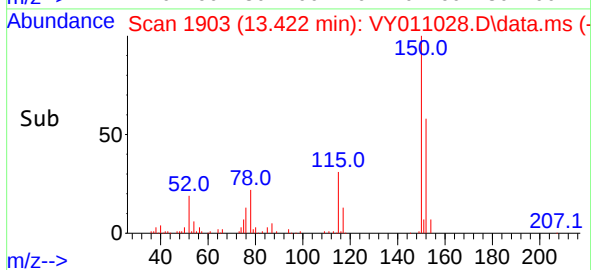
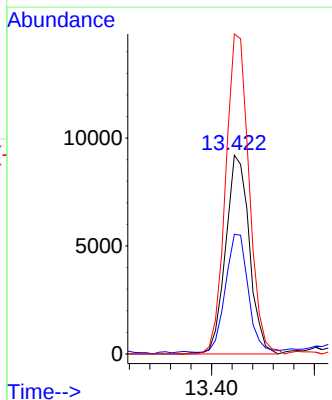
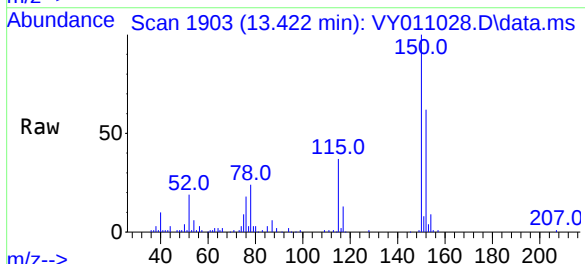
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LSP-SS-03-03-05

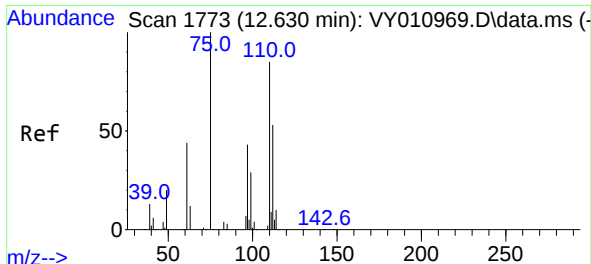
Tgt Ion:	117	Resp:	74692
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion:	152	Resp:	14707
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	159.0	0.0	347.6

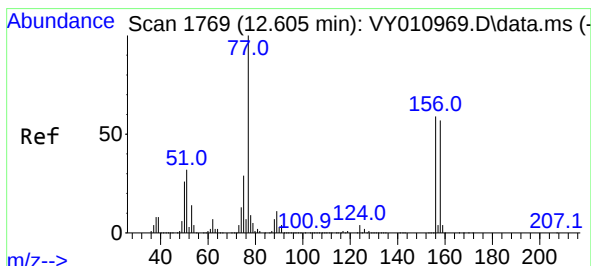
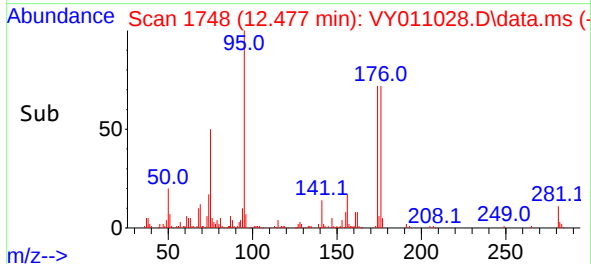
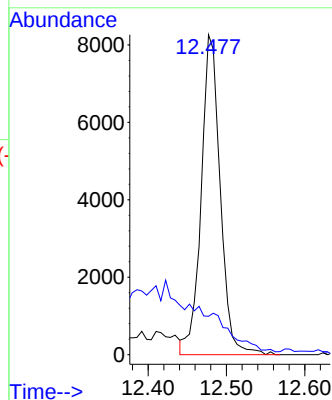
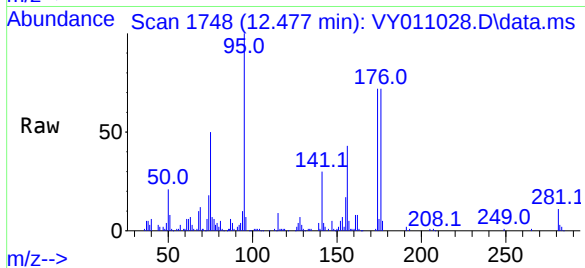




#76
1,2,3-Trichloropropane
Concen: 83.655 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

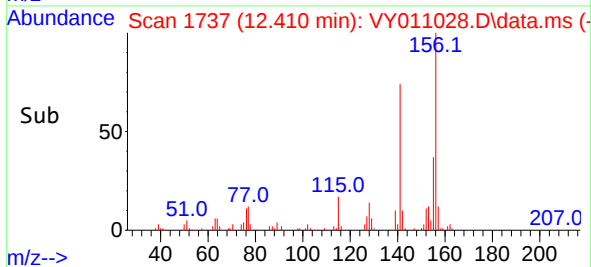
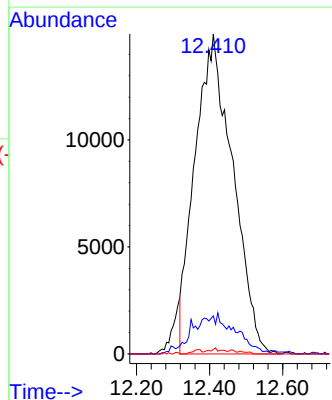
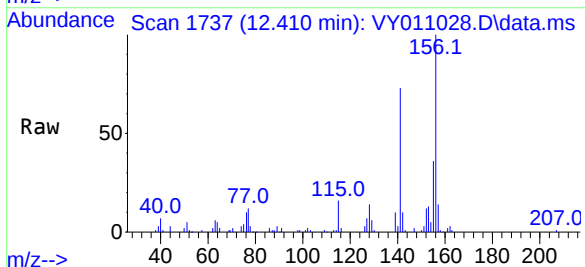
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

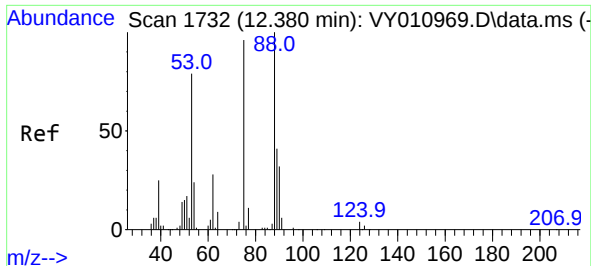
Tgt Ion: 75 Resp: 13968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 430.088 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.195 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion: 156 Resp: 107419
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.4 48.0 144.0#

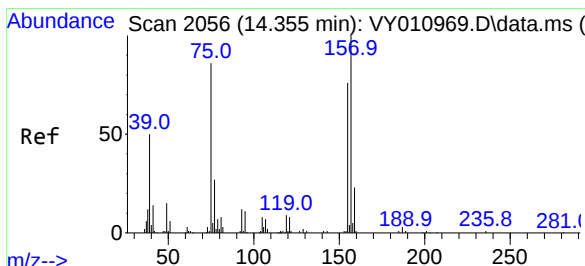
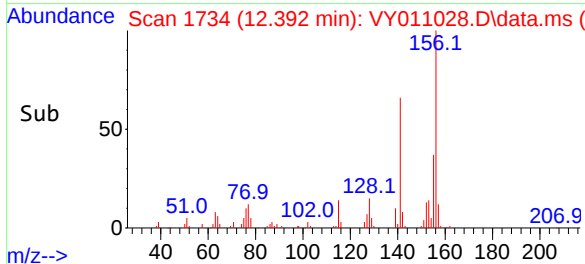
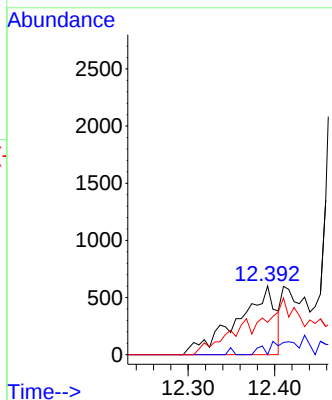
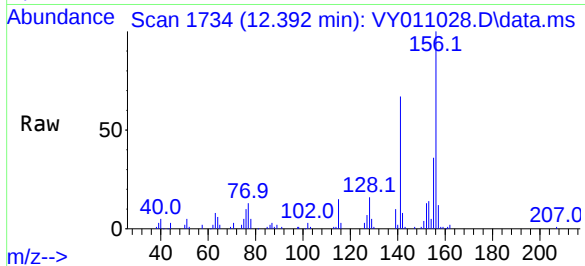




#81
trans-1,4-Dichloro-2-butene
Concen: 23.804 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

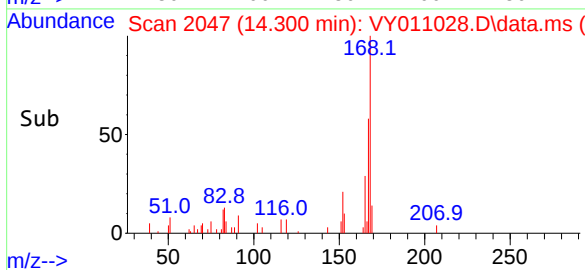
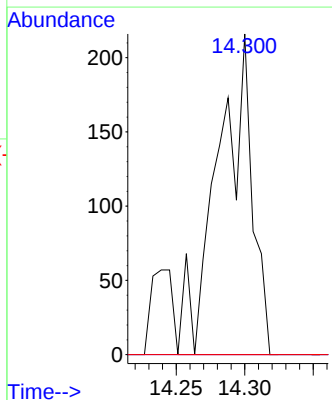
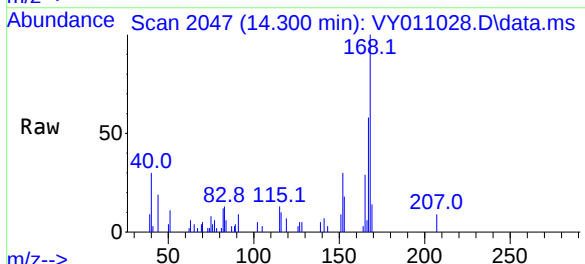
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-03-03-05

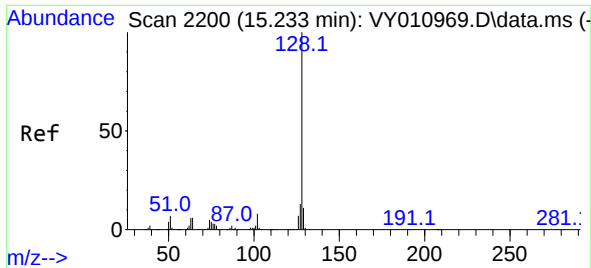
Tgt Ion: 75 Resp: 1848
Ion Ratio Lower Upper
75 100
53 11.4 85.3 127.9#
89 0.0 37.0 55.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.195 ug/l
RT: 14.300 min Scan# 2047
Delta R.T. -0.055 min
Lab File: VY011028.D
Acq: 20 Oct 2022 16:21

Tgt Ion: 75 Resp: 378
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#





#95

Naphthalene

Concen: 6.017 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY011028.D

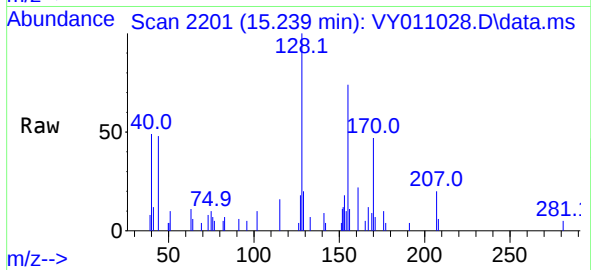
Acq: 20 Oct 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-03-03-05



Tgt Ion:128 Resp: 3266

Ion Ratio Lower Upper

128 100

127 26.4 11.0 16.4#

129 19.9 8.4 12.6#

