

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011030.D
 Acq On : 20 Oct 2022 17:06
 Operator : KP/MD
 Sample : N5193-13
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-07-00-20

Quant Time: Oct 20 22:24:57 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	330327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	545129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	455376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	185105	60.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.660%	
35) Dibromofluoromethane	7.716	113	190255	63.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.360%	
50) Toluene-d8	10.179	98	768260	67.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 135.000%	
62) 4-Bromofluorobenzene	12.477	95	247411	62.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.220%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.948	59	355	Below Cal	#	77
13) Acrolein	3.936	56	6409	13.065	ug/l #	74
14) Allyl chloride	4.698	41	22007	4.429	ug/l #	57
15) Acrylonitrile	5.235	53	3623	3.572	ug/l #	43
16) Acetone	3.942	43	23427	26.513	ug/l #	82
17) Carbon Disulfide	4.192	76	15097	1.643	ug/l	99
18) Methyl Acetate	4.692	43	55509	20.678	ug/l #	56
20) Methylene Chloride	4.716	84	24002	Below Cal	#	78
25) 2-Butanone	6.978	43	11498	8.580	ug/l #	65
31) Cyclohexane	7.783	56	421211	72.340	ug/l	92
36) 1,1-Dichloropropene	7.783	75	24827	4.892	ug/l #	70
37) Ethyl Acetate	6.978	43	11498	4.092	ug/l #	74
38) Carbon Tetrachloride	7.783	117	32544	6.213	ug/l #	14
39) Methylcyclohexane	9.179	83	1167085	192.015	ug/l	92
43) Isopropyl Acetate	8.265	43	55819	11.120	ug/l #	57
45) 1,2-Dichloropropane	9.179	63	10383	2.748	ug/l #	1
47) Bromodichloromethane	9.459	83	9322	1.836	ug/l #	61
48) Methyl methacrylate	9.240	41	36936	16.441	ug/l #	38
51) 4-Methyl-2-Pentanone	10.173	43	52907	18.899	ug/l #	63
52) Toluene	10.240	92	10205	1.103	ug/l	98
55) 1,1,2-Trichloroethane	10.618	97	229884	75.626	ug/l #	20
56) Ethyl methacrylate	10.520	69	114089	28.259	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.813	63	505	17.196	ug/l #	48
59) 2-Hexanone	10.801	43	136284	70.870	ug/l #	34
67) Ethyl Benzene	11.587	91	434699	26.282	ug/l	100
68) m/p-Xylenes	11.697	106	51083	8.029	ug/l	94
69) o-Xylene	12.026	106	297898	49.308	ug/l	97
70) Styrene	12.026	104	14680	1.434	ug/l #	1
73) Isopropylbenzene	12.325	105	249607	16.447	ug/l	99
74) N-amyl acetate	12.124	43	108423	28.158	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.550	83	21852	6.861	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	114037	48.086	ug/l #	100
78) n-propylbenzene	12.666	91	286001	15.489	ug/l	100
79) 2-Chlorotoluene	12.813	91	33716	3.242	ug/l	73
80) 1,3,5-Trimethylbenzene	12.813	105	283148	22.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	114037	103.419	ug/l #	9

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

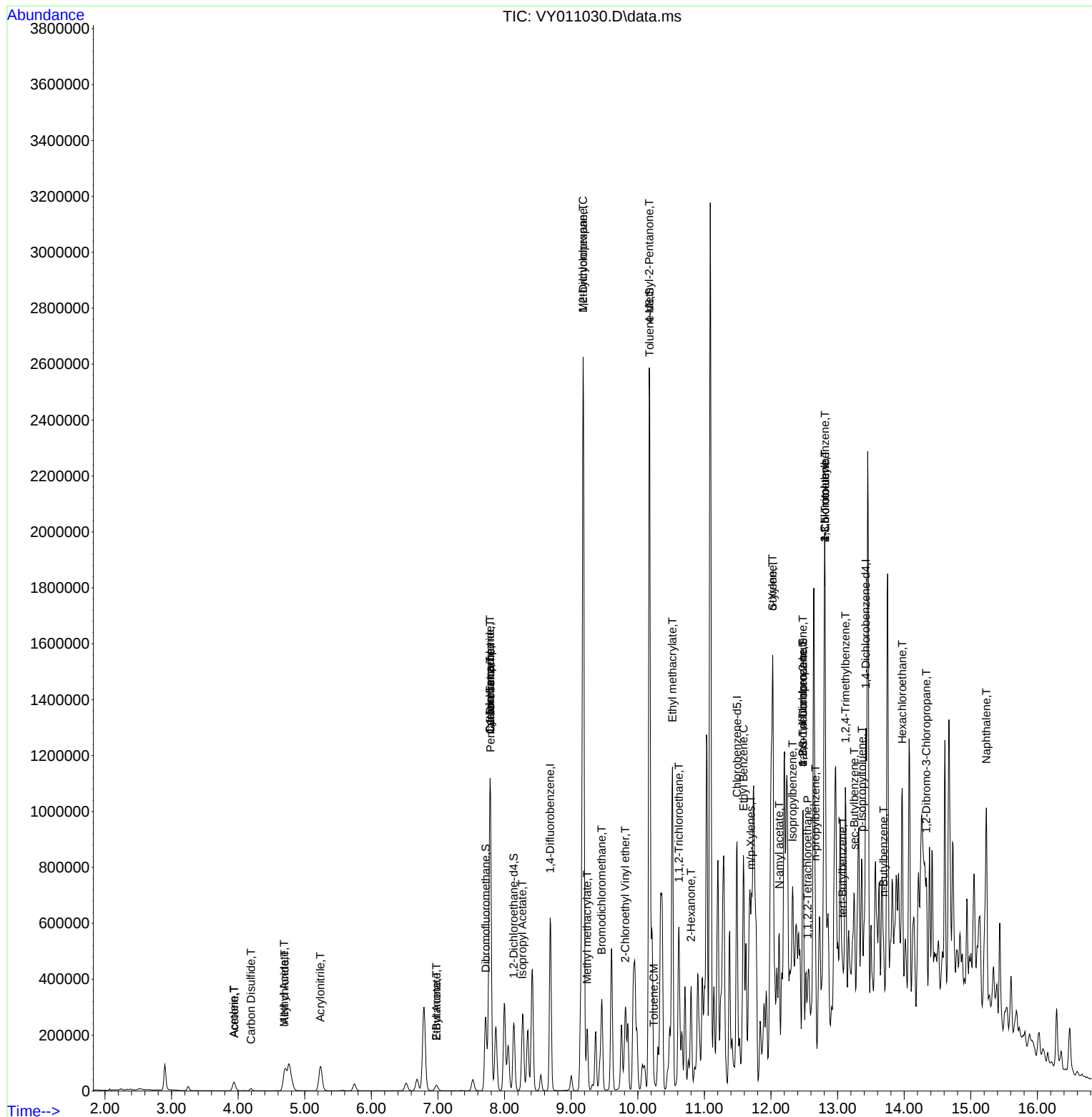
82) 4-Chlorotoluene	12.813	91	33716	3.114	ug/l	73
83) tert-Butylbenzene	13.075	119	21782	1.989	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	391210	31.332	ug/l	98
85) sec-Butylbenzene	13.251	105	180761	10.986	ug/l	79
86) p-Isopropyltoluene	13.367	119	92056	6.744	ug/l	98
89) n-Butylbenzene	13.690	91	119117	9.339	ug/l #	69
90) Hexachloroethane	13.971	117	24791	9.203	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.331	75	1110	2.108	ug/l #	9
95) Naphthalene	15.233	128	562435	72.952	ug/l	98

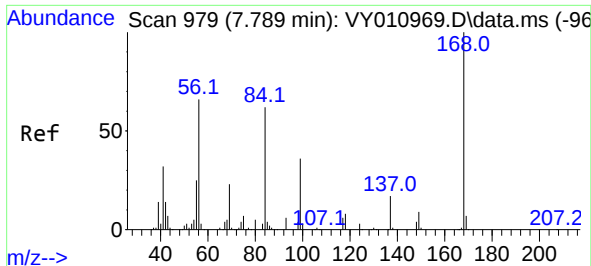
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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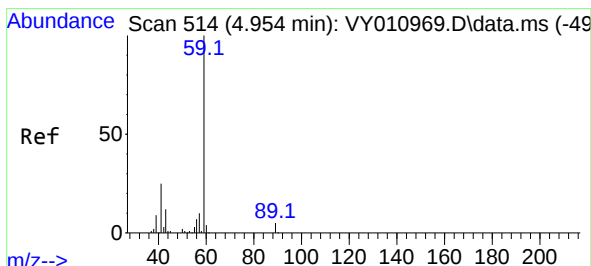
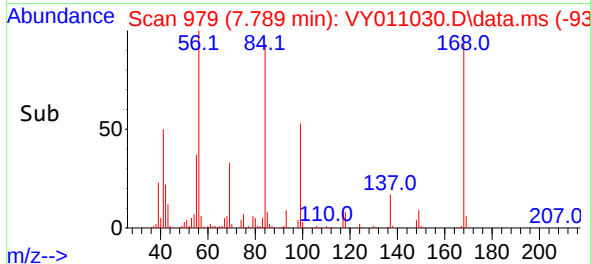
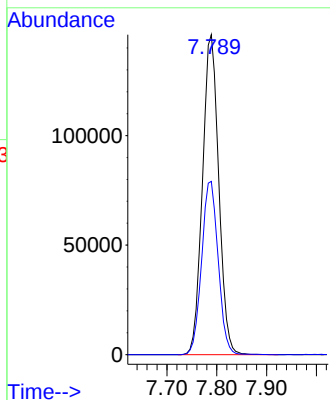
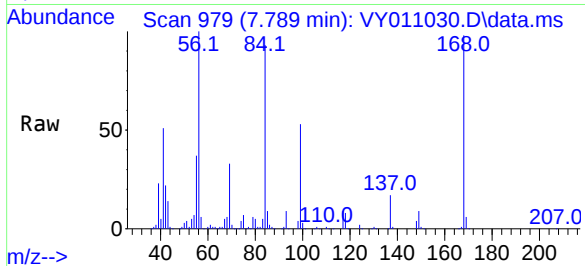




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011030.D
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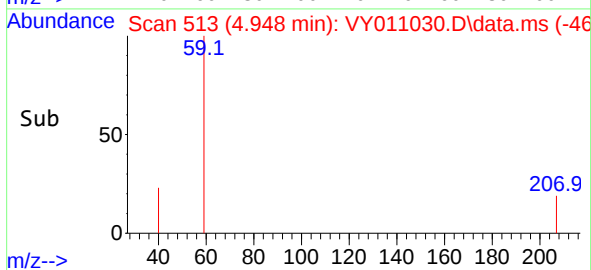
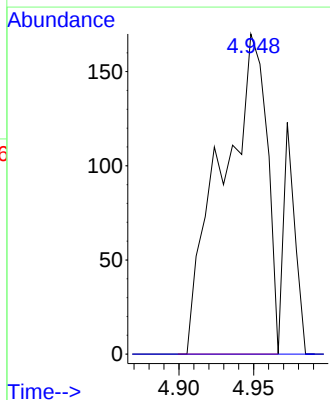
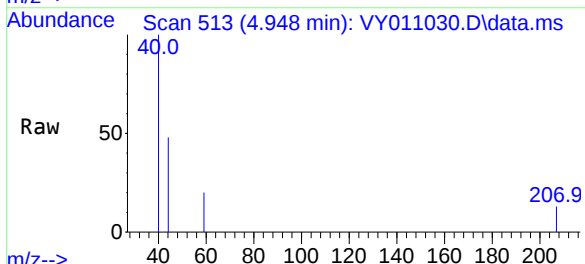
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MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

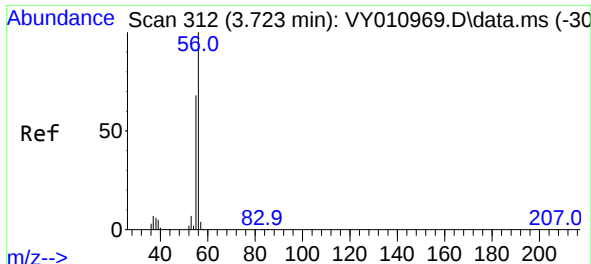
Tgt Ion:168 Resp: 330327
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

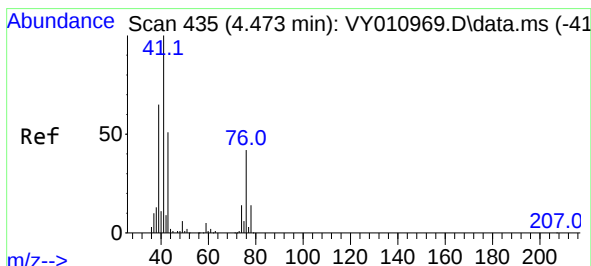
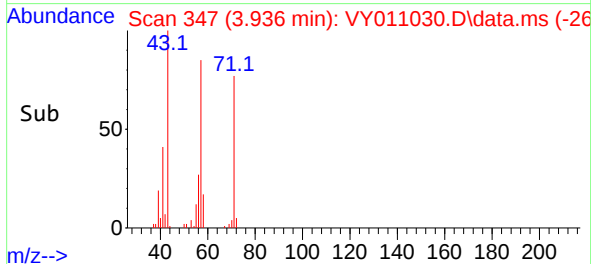
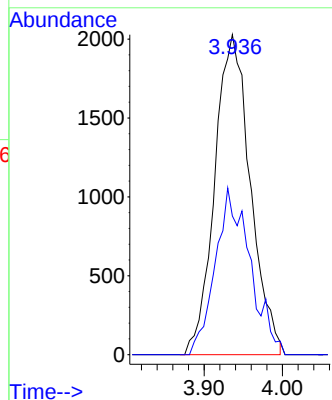
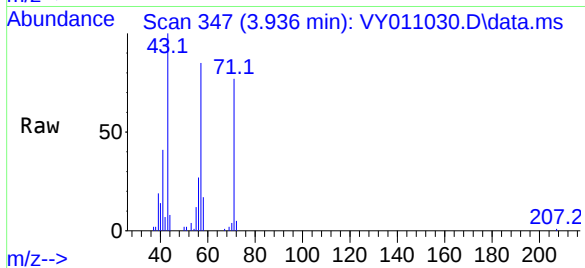




#13
Acrolein
Concen: 13.065 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.213 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

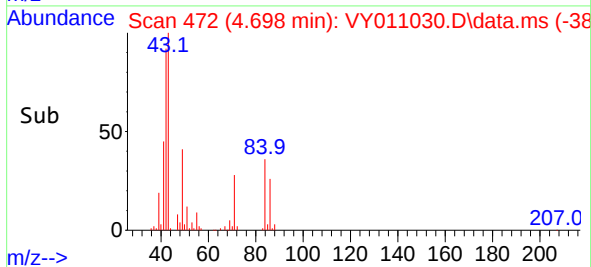
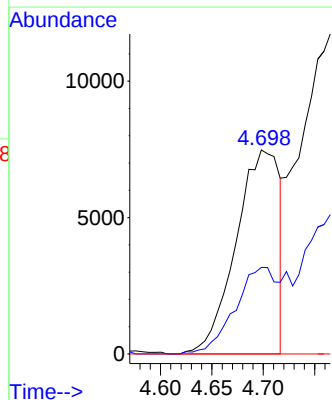
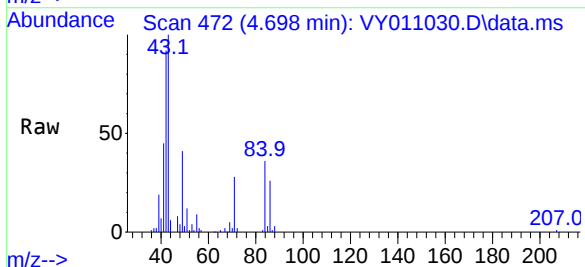
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

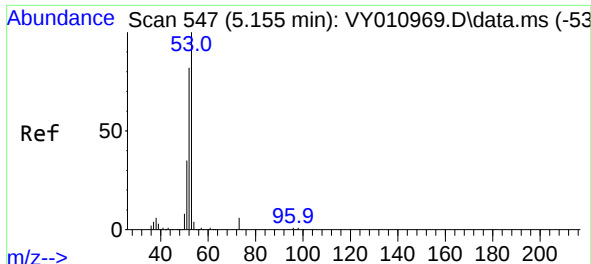
Tgt Ion: 56 Resp: 6409
Ion Ratio Lower Upper
56 100
55 50.2 57.6 86.4#



#14
Allyl chloride
Concen: 4.429 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.225 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 41 Resp: 22007
Ion Ratio Lower Upper
41 100
39 42.1 58.8 88.2#
76 0.0 25.1 37.7#

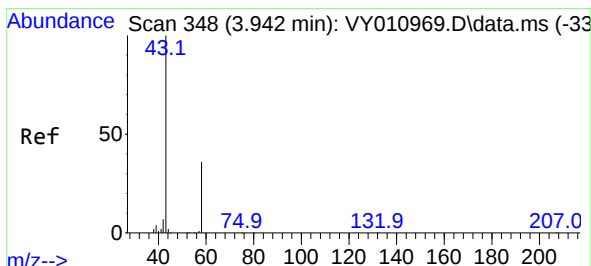
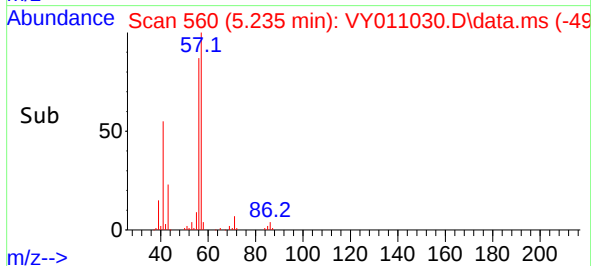
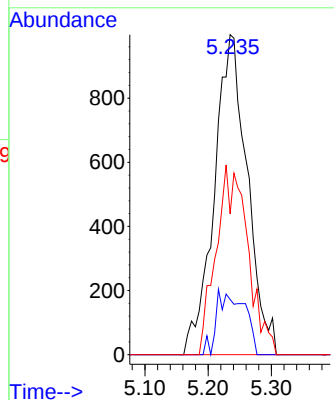
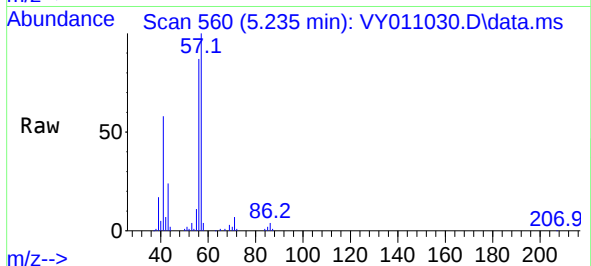




#15
Acrylonitrile
Concen: 3.572 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.080 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

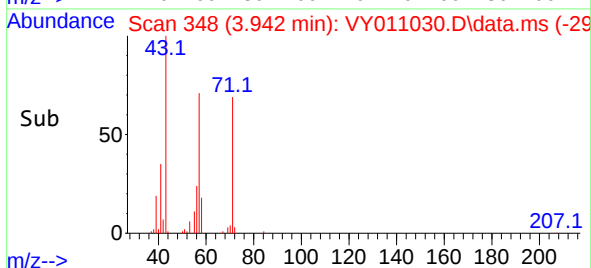
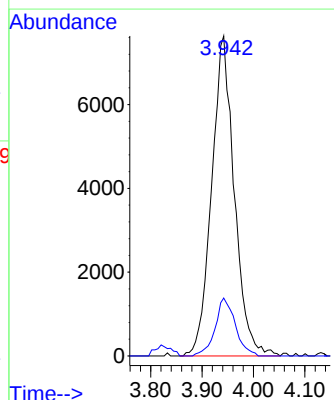
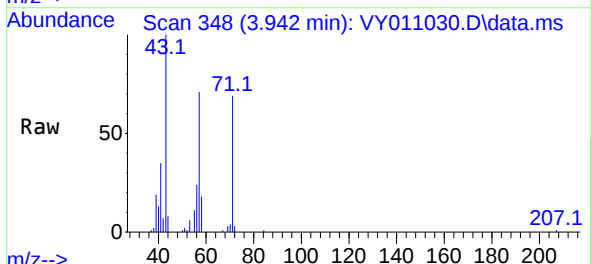
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

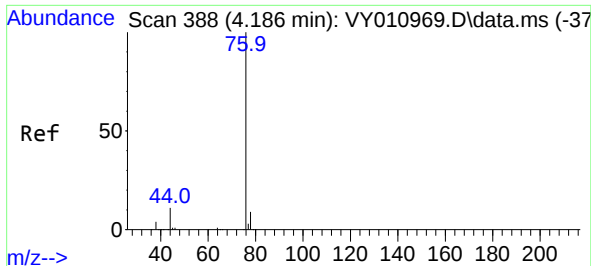
Tgt Ion: 53 Resp: 3623
Ion Ratio Lower Upper
53 100
52 16.7 67.0 100.4#
51 26.9 29.8 44.6#



#16
Acetone
Concen: 26.513 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 43 Resp: 23427
Ion Ratio Lower Upper
43 100
58 18.1 22.0 33.0#

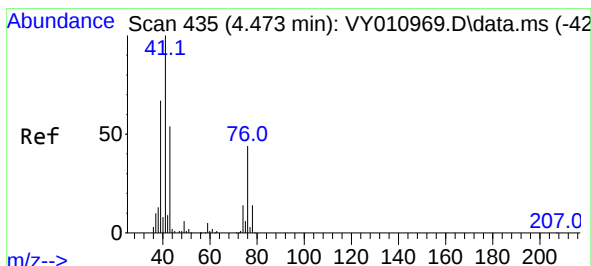
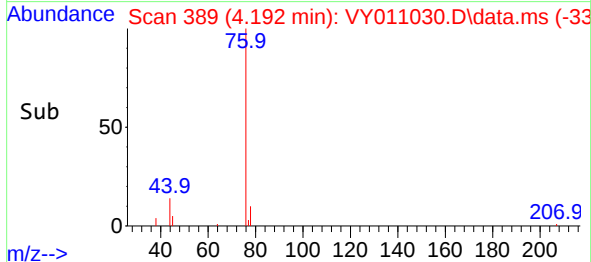
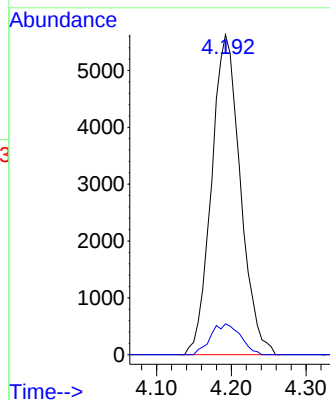
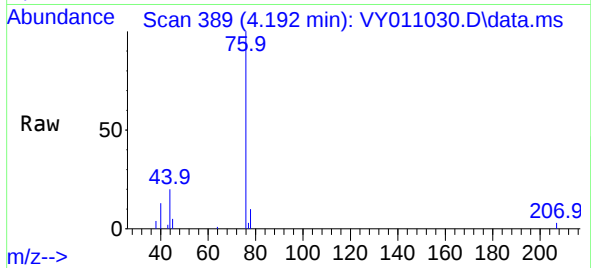




#17
Carbon Disulfide
Concen: 1.643 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

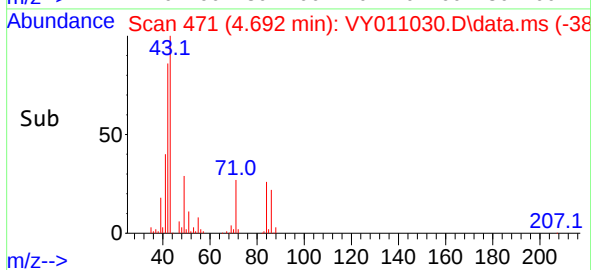
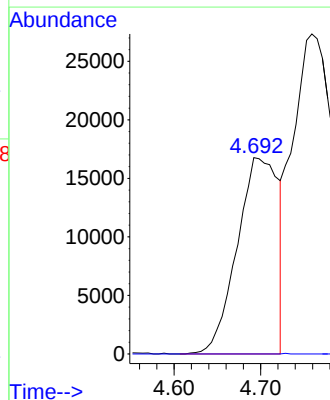
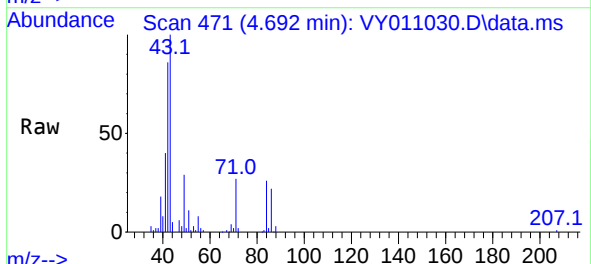
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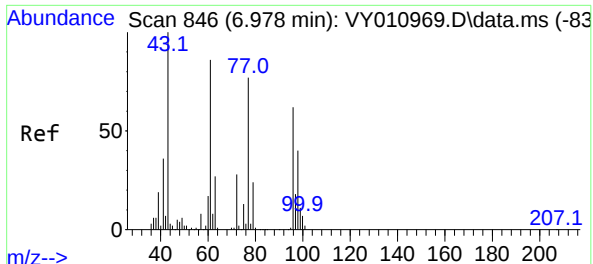
Tgt Ion: 76 Resp: 15097
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 20.678 ug/l
RT: 4.692 min Scan# 471
Delta R.T. 0.219 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 43 Resp: 55509
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

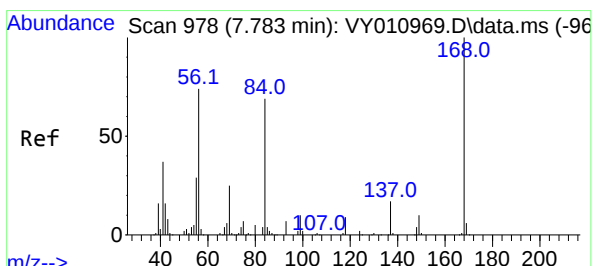
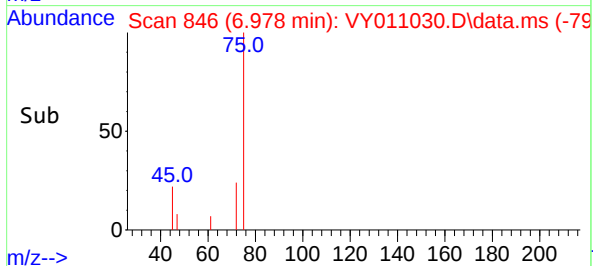
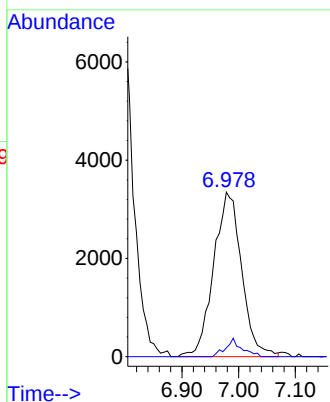
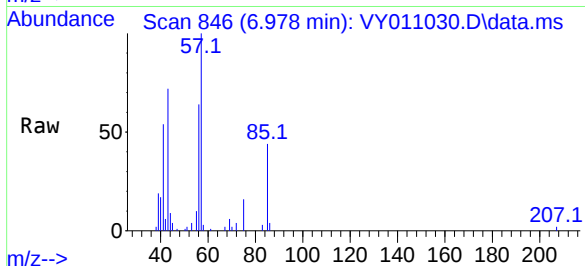




#25
2-Butanone
Concen: 8.580 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

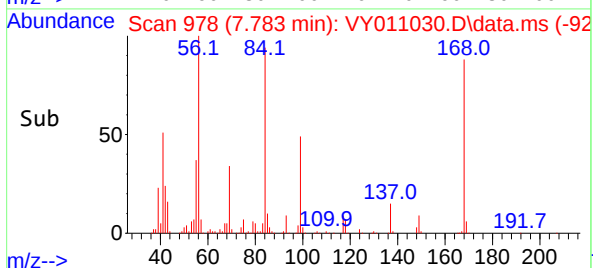
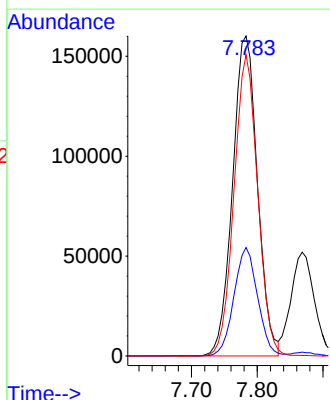
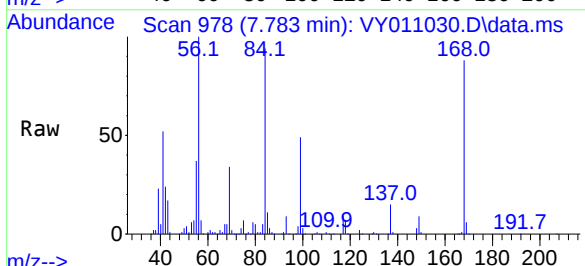
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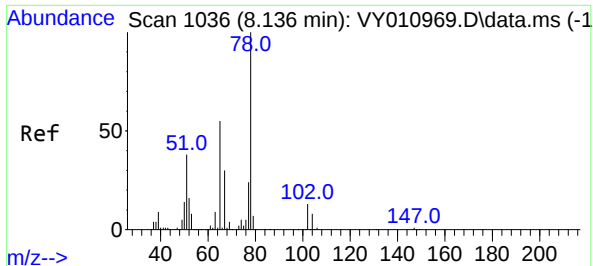
Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
72 5.4 17.7 26.5#



#31
Cyclohexane
Concen: 72.340 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 56 Resp: 421211
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 94.1 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 60.834 ug/l

RT: 8.137 min Scan# 11036

Delta R.T. 0.001 min

Lab File: VY011030.D

Acq: 20 Oct 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

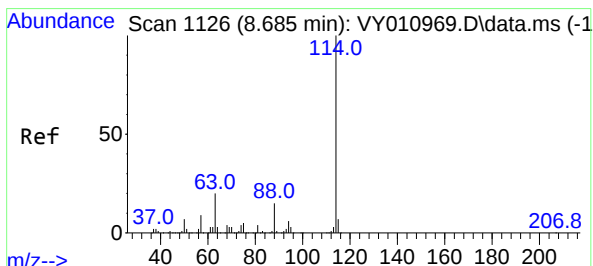
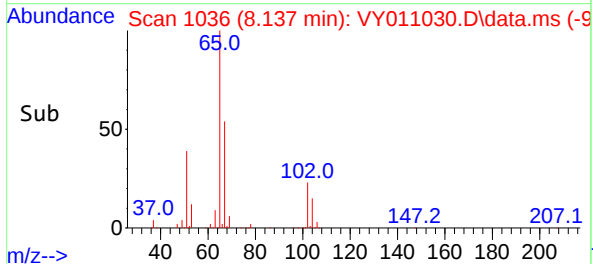
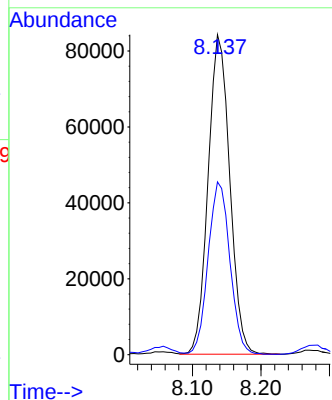
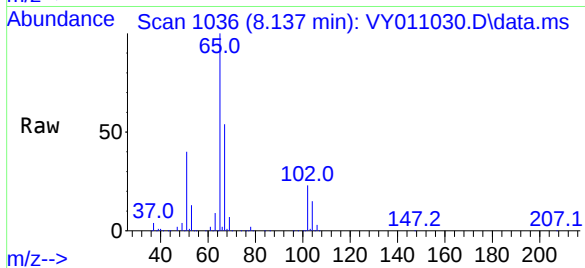
LSP-SS-07-00-20

Tgt Ion: 65 Resp: 185105

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011030.D

Acq: 20 Oct 2022 17:06

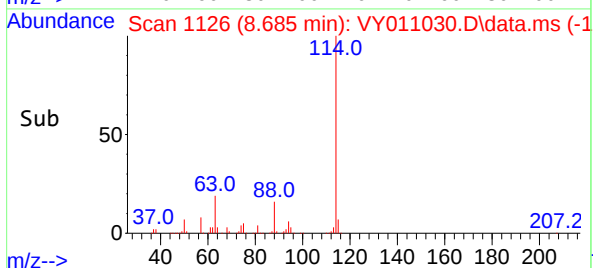
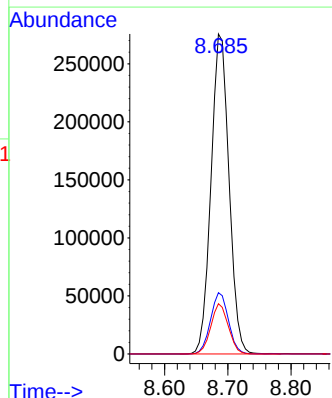
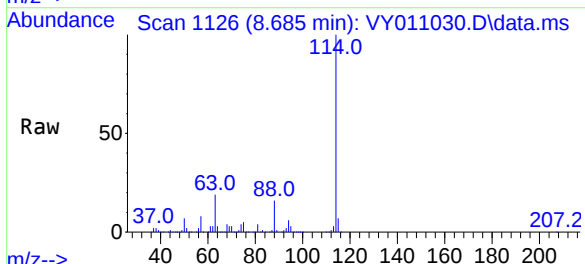
Tgt Ion: 114 Resp: 545129

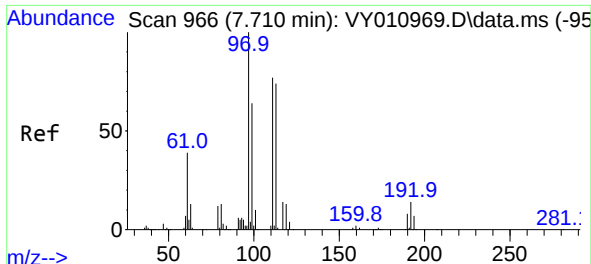
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.7 0.0 31.8

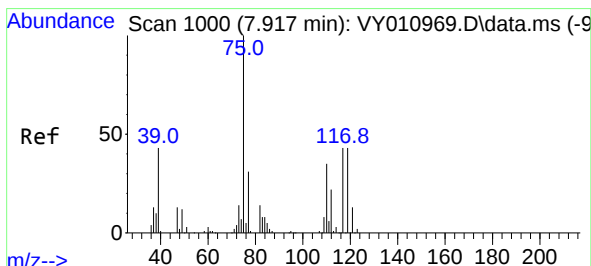
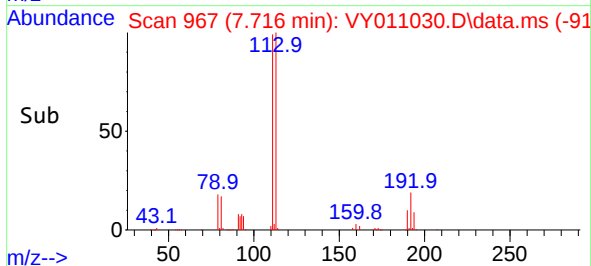
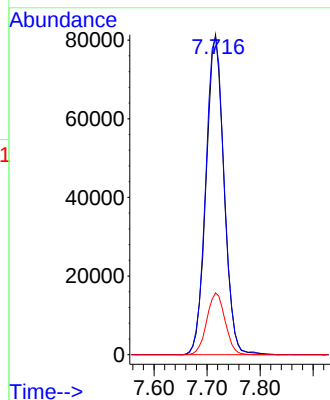
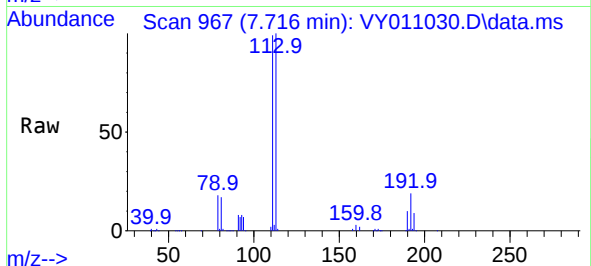




#35
Dibromofluoromethane
Concen: 63.179 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

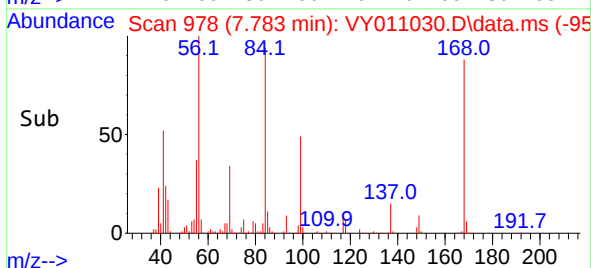
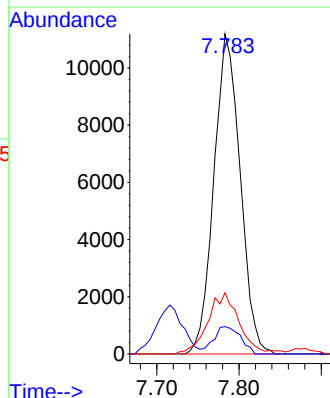
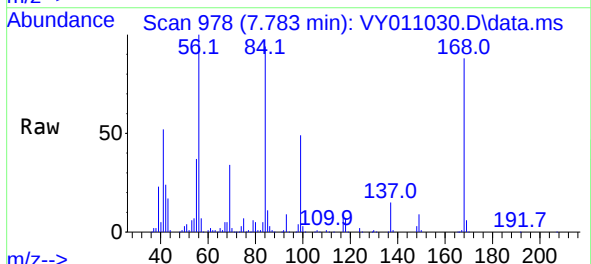
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

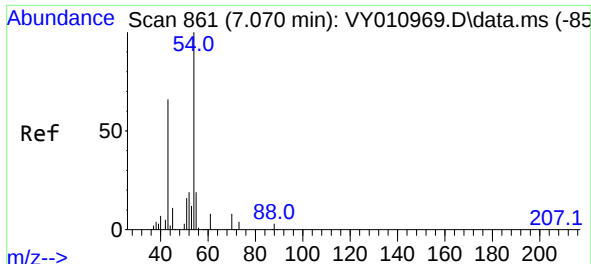
Tgt Ion:113 Resp: 190255
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 75 Resp: 24827
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 23.0 24.4 36.6#

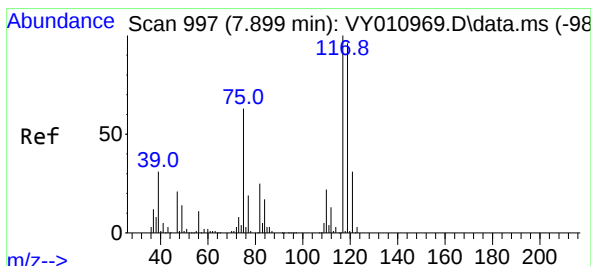
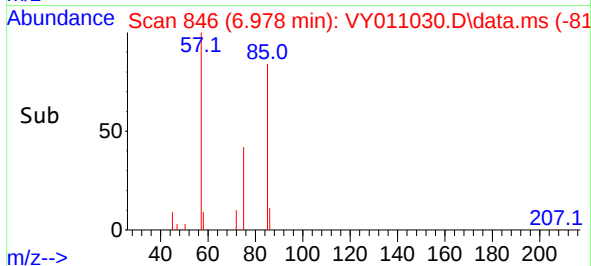
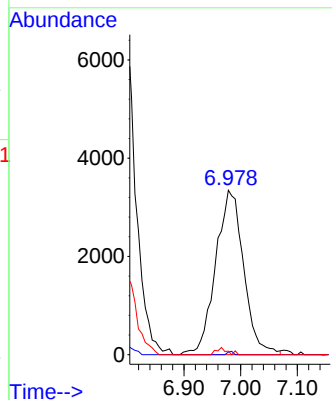
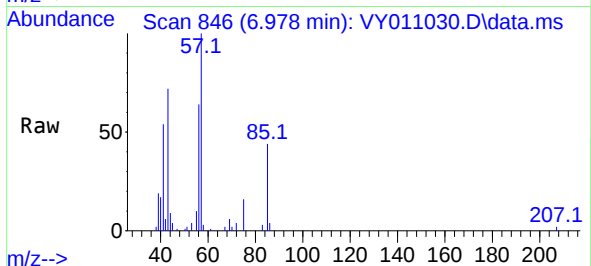




#37
Ethyl Acetate
Concen: 4.092 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

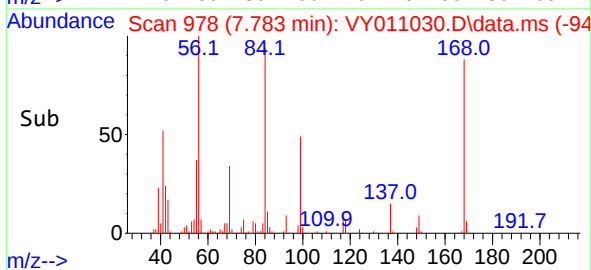
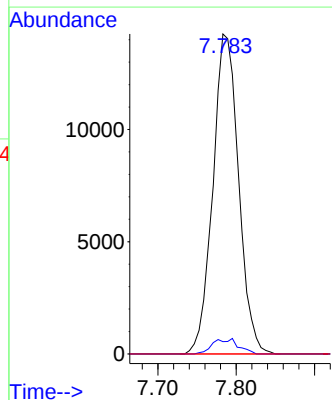
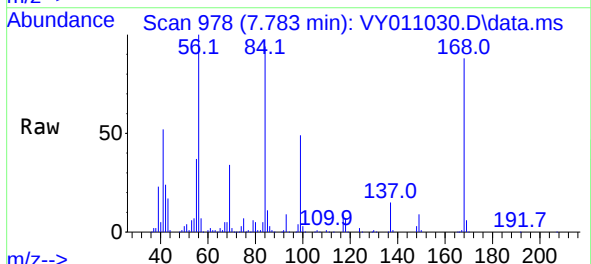
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

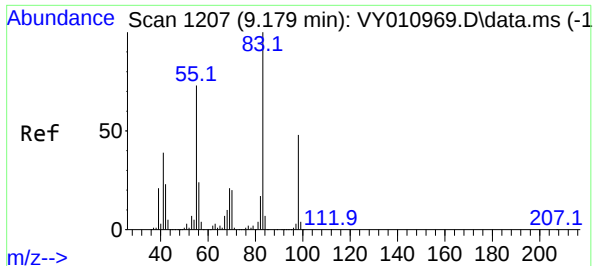
Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
61 0.4 9.7 14.5#
70 1.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 117 Resp: 32544
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#



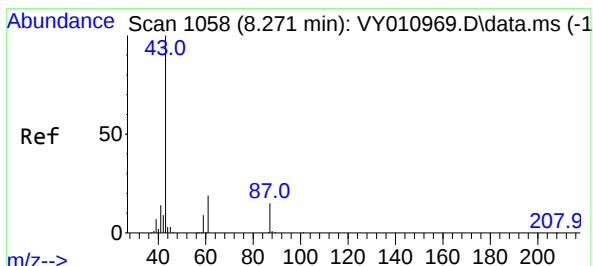
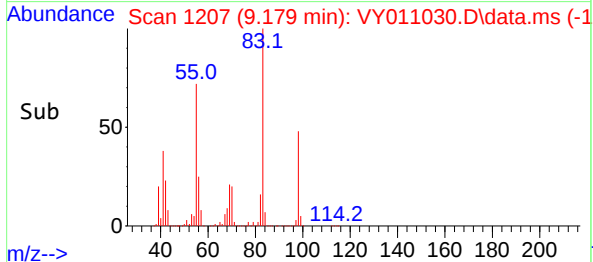
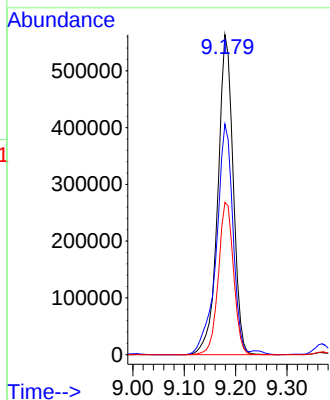
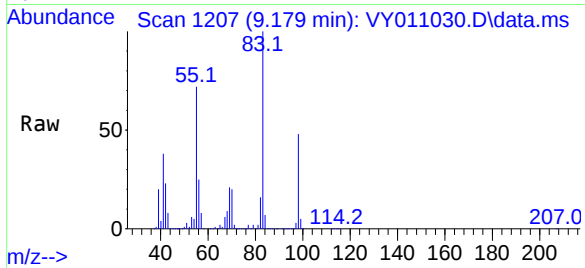


#39
Methylcyclohexane
Concen: 192.015 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion: 83 Resp: 1167085

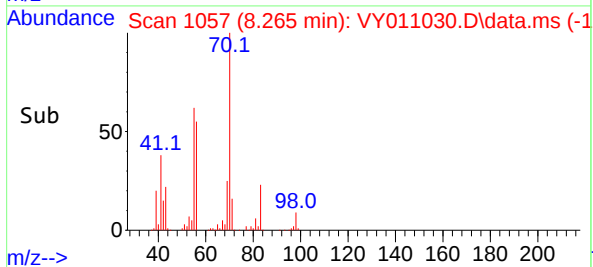
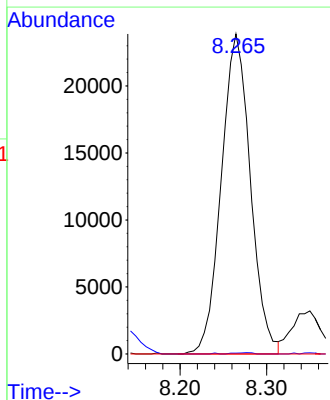
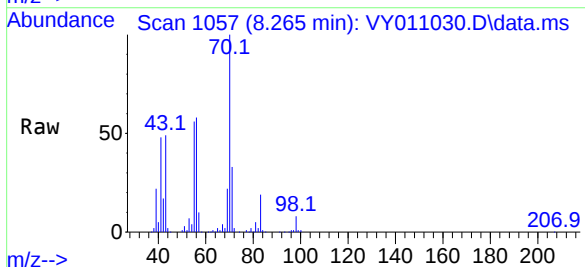
Ion	Ratio	Lower	Upper
83	100		
55	72.0	66.5	99.7
98	47.6	37.9	56.9

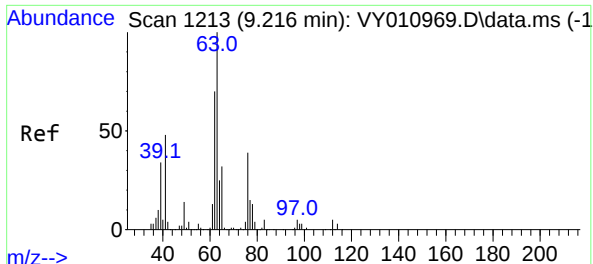


#43
Isopropyl Acetate
Concen: 11.120 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 43 Resp: 55819

Ion	Ratio	Lower	Upper
43	100		
61	0.2	20.2	30.2#
87	0.0	8.9	13.3#





#45

1,2-Dichloropropane

Concen: 2.748 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.037 min

Lab File: VY011030.D

Acq: 20 Oct 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

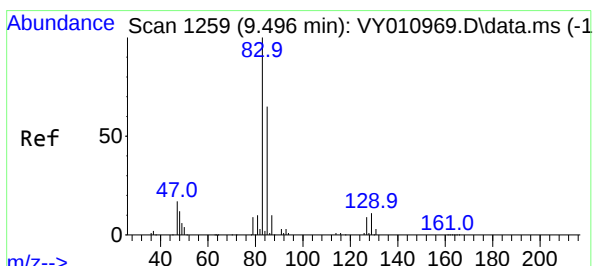
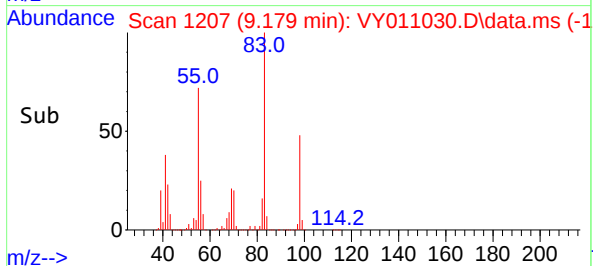
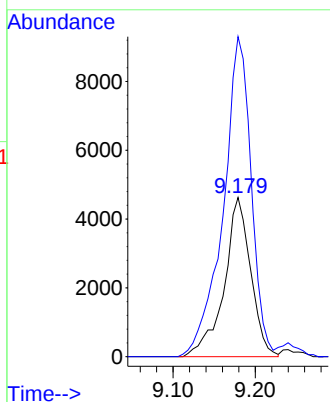
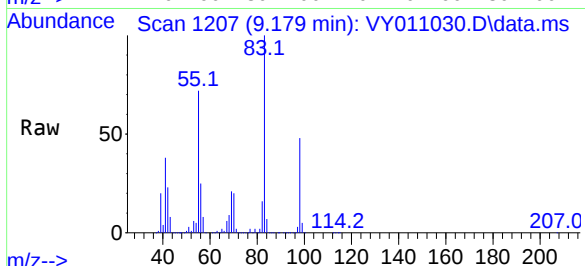
LSP-SS-07-00-20

Tgt Ion: 63 Resp: 10383

Ion Ratio Lower Upper

63 100

65 200.9 23.0 34.6#



#47

Bromodichloromethane

Concen: 1.836 ug/l

RT: 9.459 min Scan# 1253

Delta R.T. -0.037 min

Lab File: VY011030.D

Acq: 20 Oct 2022 17:06

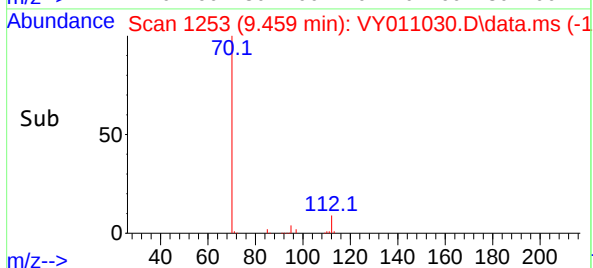
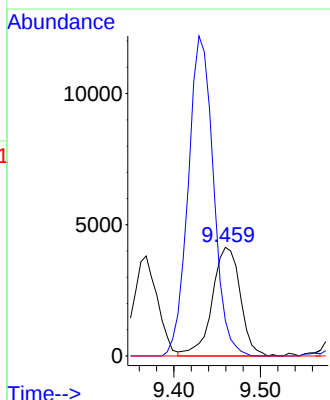
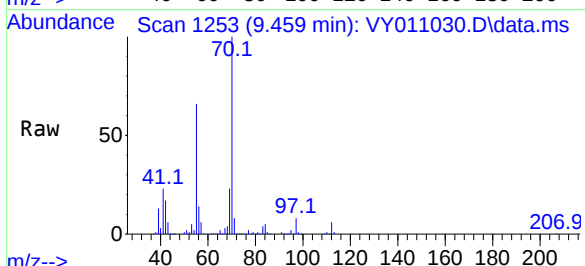
Tgt Ion: 83 Resp: 9322

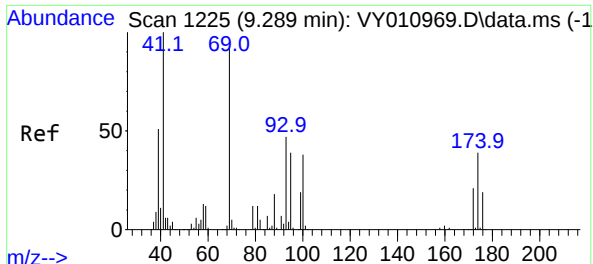
Ion Ratio Lower Upper

83 100

85 32.4 51.9 77.9#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 16.441 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. -0.049 min

Lab File: VY011030.D

Acq: 20 Oct 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

LSP-SS-07-00-20

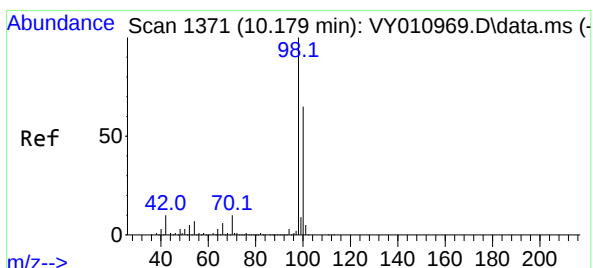
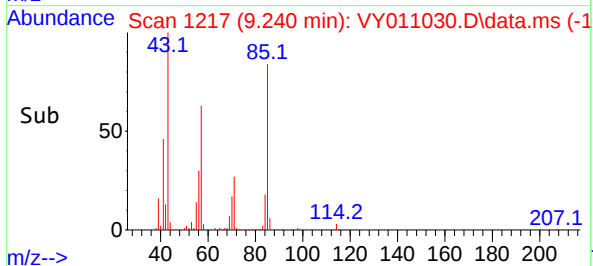
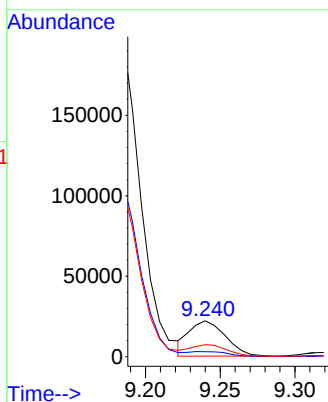
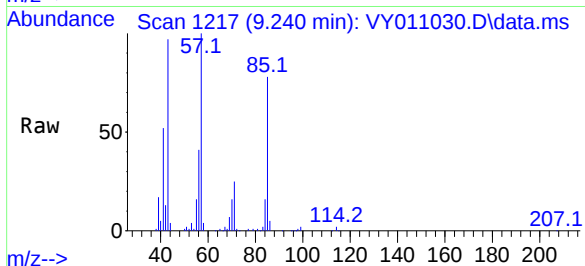
Tgt Ion: 41 Resp: 36936

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 35.5 47.4 71.0#



#50

Toluene-d8

Concen: 67.496 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011030.D

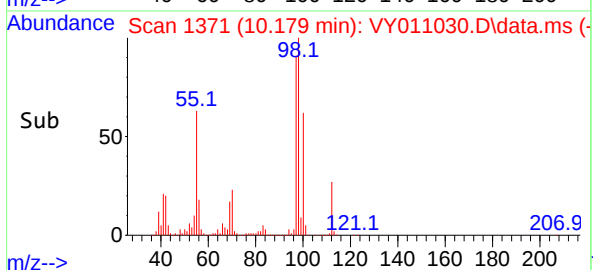
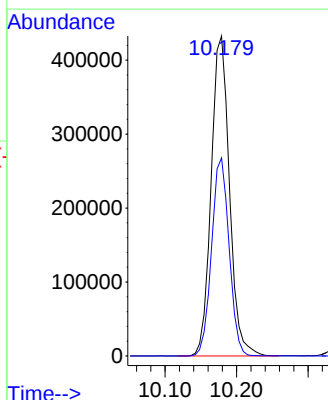
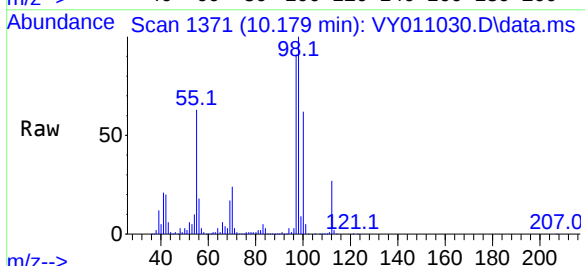
Acq: 20 Oct 2022 17:06

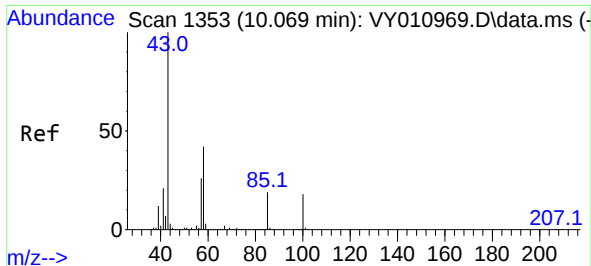
Tgt Ion: 98 Resp: 768260

Ion Ratio Lower Upper

98 100

100 59.2 50.2 75.2

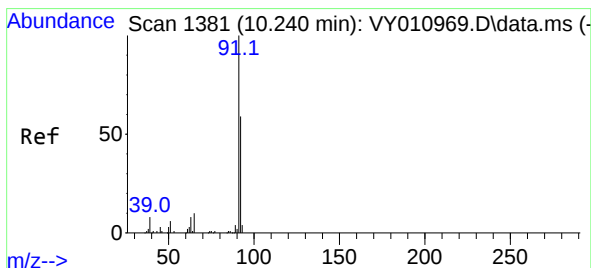
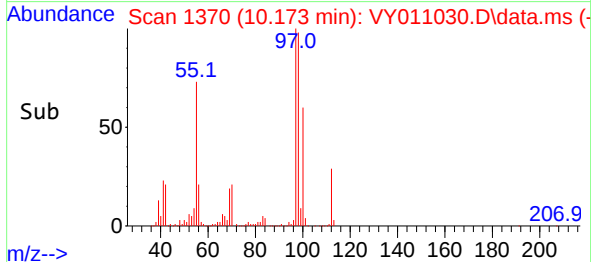
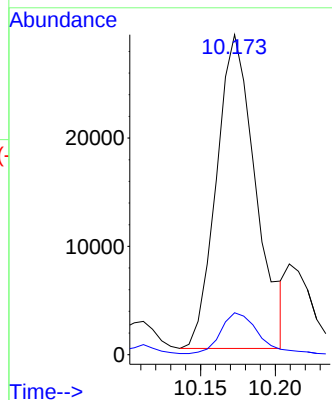
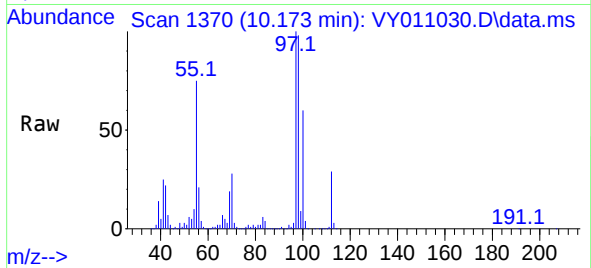




#51
4-Methyl-2-Pentanone
Concen: 18.899 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

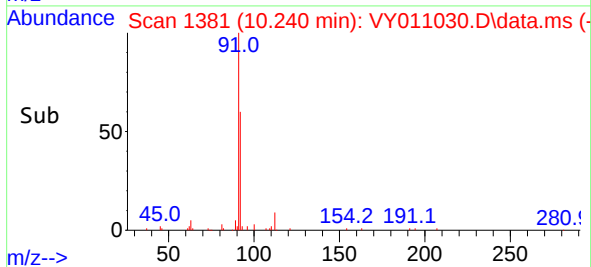
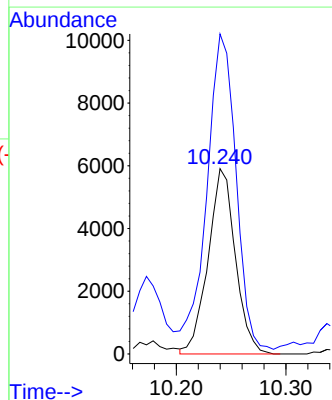
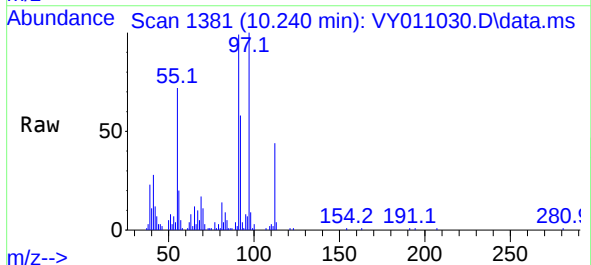
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

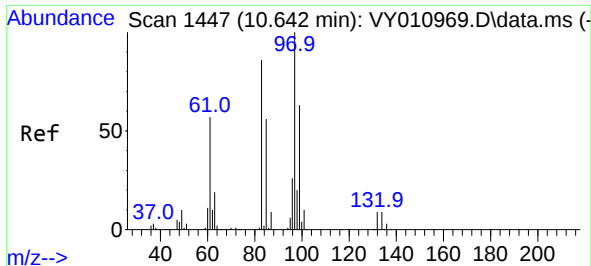
Tgt Ion: 43 Resp: 52907
Ion Ratio Lower Upper
43 100
58 13.4 28.1 42.1#



#52
Toluene
Concen: 1.103 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 92 Resp: 10205
Ion Ratio Lower Upper
92 100
91 181.7 142.6 213.8



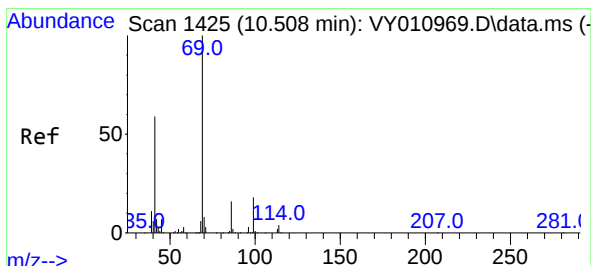
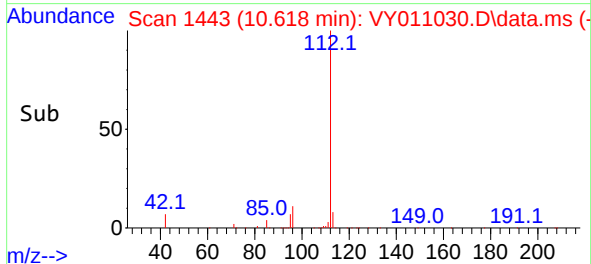
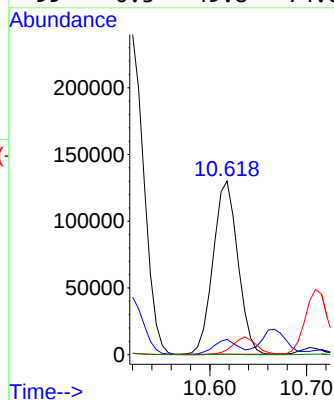
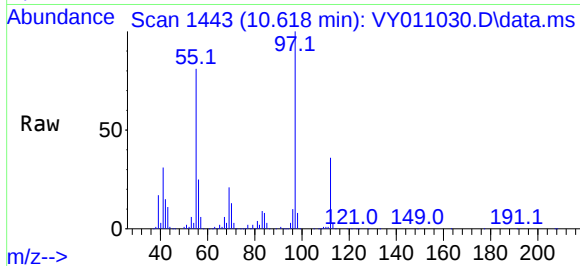


#55
1,1,2-Trichloroethane
Concen: 75.626 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion: 97 Resp: 229884

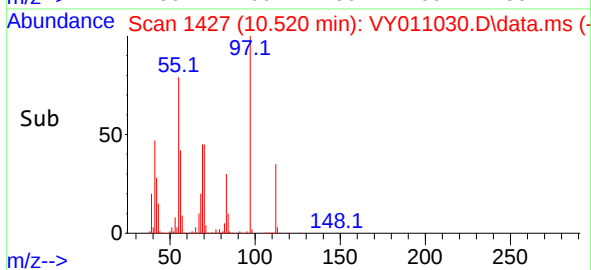
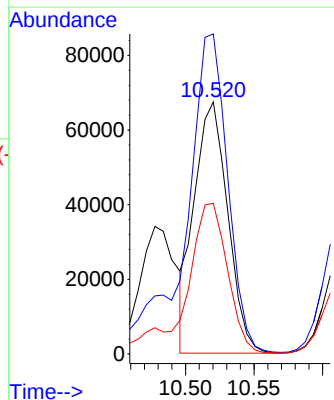
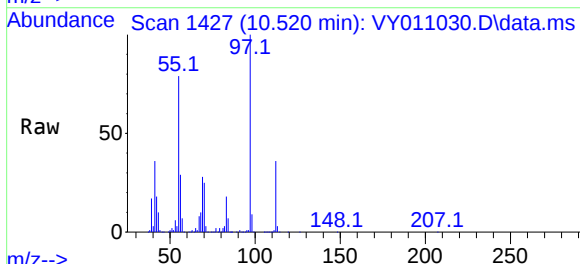
Ion	Ratio	Lower	Upper
97	100		
83	8.8	69.8	104.8#
85	2.8	44.3	66.5#
99	0.3	49.8	74.6#

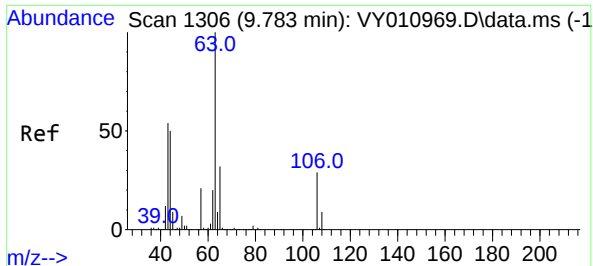


#56
Ethyl methacrylate
Concen: 28.259 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 69 Resp: 114089

Ion	Ratio	Lower	Upper
69	100		
41	163.6	63.4	95.0#
39	76.7	35.8	53.8#

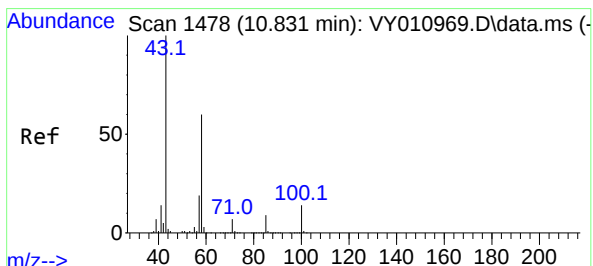
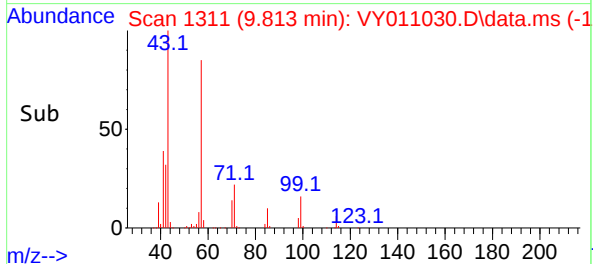
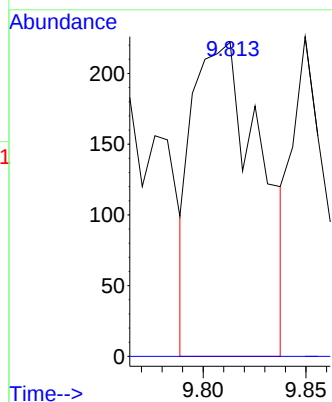
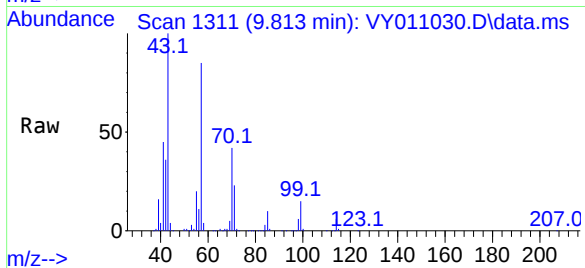




#58
2-Chloroethyl Vinyl ether
Concen: 17.196 ug/l
RT: 9.813 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

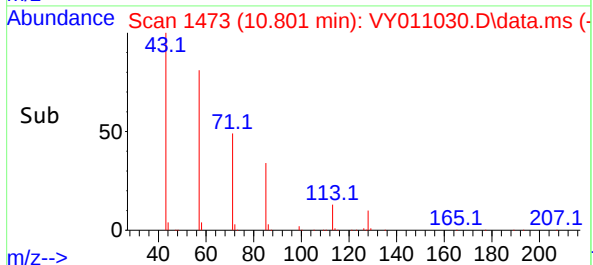
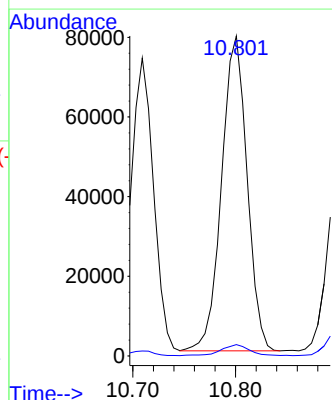
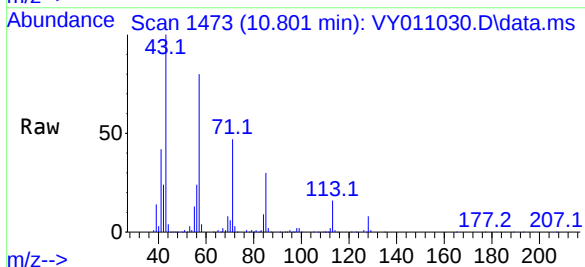
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

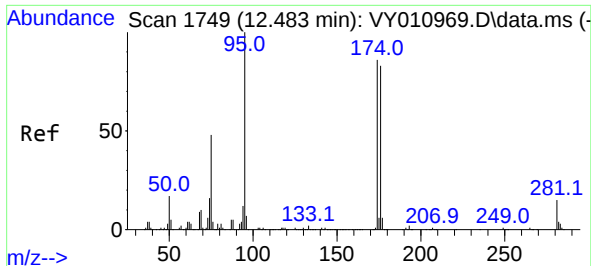
Tgt Ion: 63 Resp: 505
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 70.870 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 43 Resp: 136284
Ion Ratio Lower Upper
43 100
58 3.9 24.4 73.4#

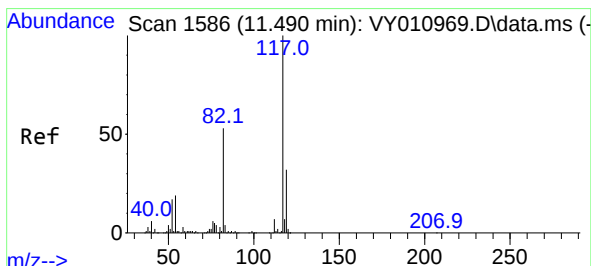
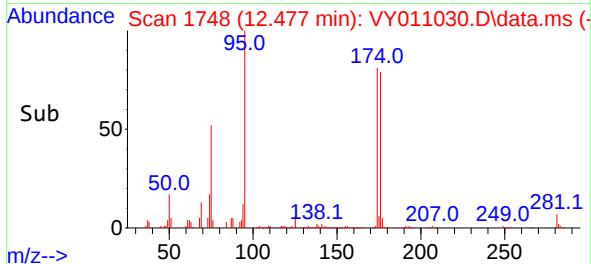
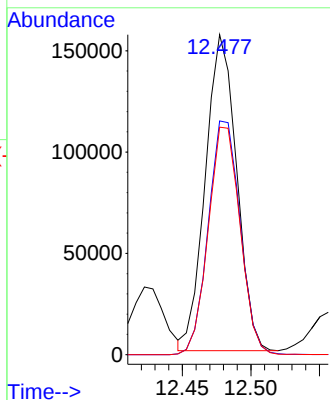
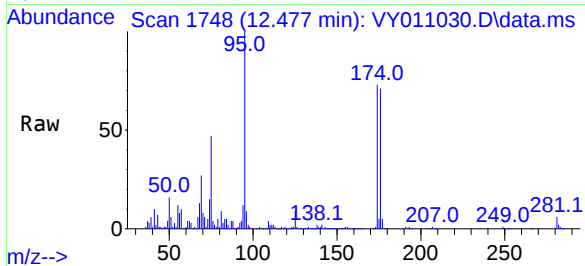




#62
4-Bromofluorobenzene
Concen: 62.107 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

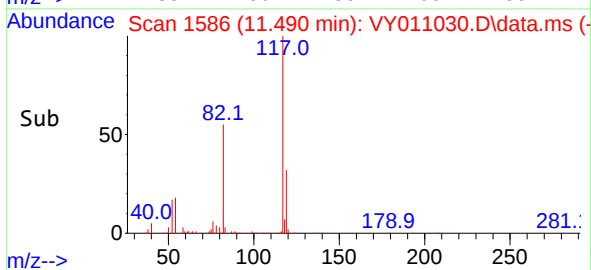
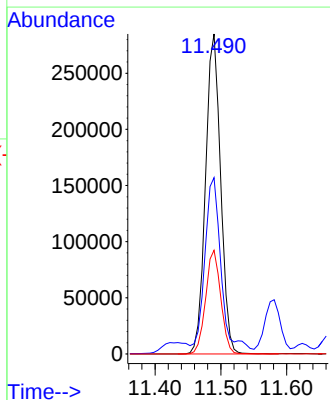
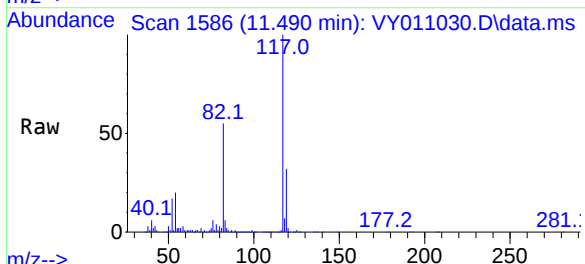
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

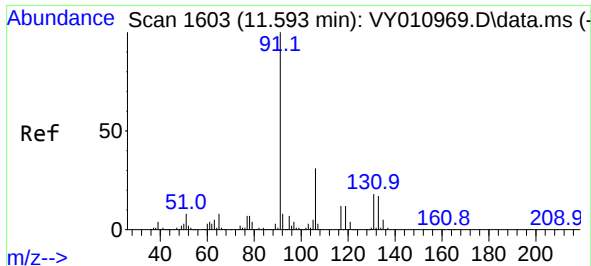
Tgt Ion: 95 Resp: 247411
Ion Ratio Lower Upper
95 100
174 75.6 0.0 177.0
176 73.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 117 Resp: 455376
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.4 25.4 38.0





#67

Ethyl Benzene

Concen: 26.282 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011030.D

Acq: 20 Oct 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

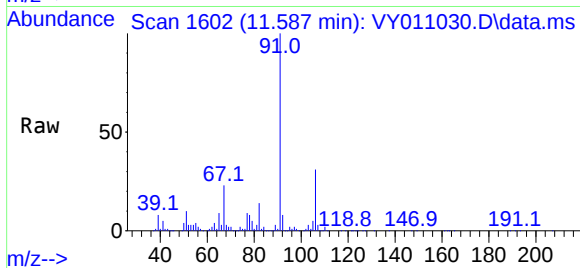
LSP-SS-07-00-20

Tgt Ion: 91 Resp: 434699

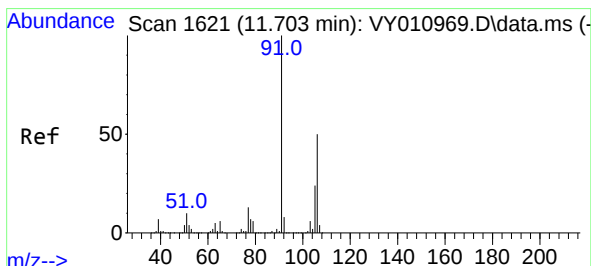
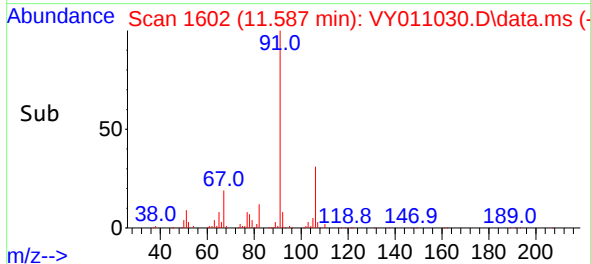
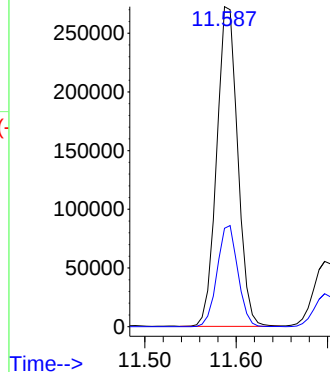
Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



Abundance



#68

m/p-Xylenes

Concen: 8.029 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011030.D

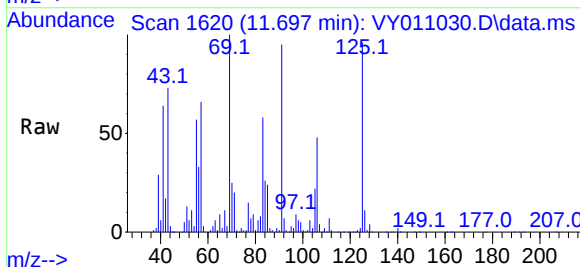
Acq: 20 Oct 2022 17:06

Tgt Ion:106 Resp: 51083

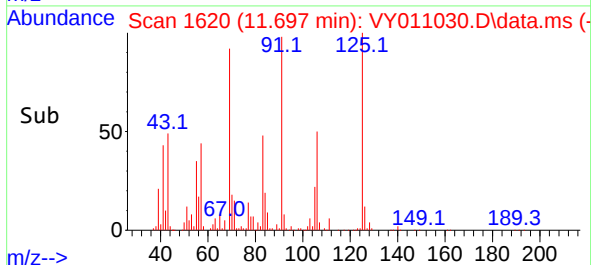
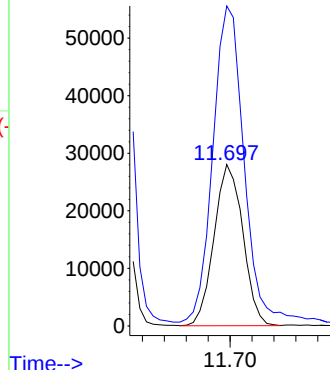
Ion Ratio Lower Upper

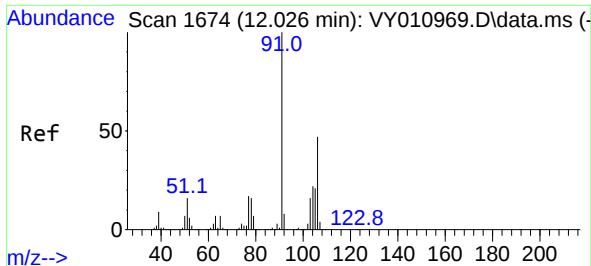
106 100

91 217.7 166.6 249.8



Abundance

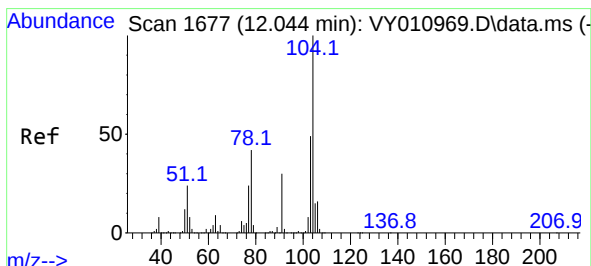
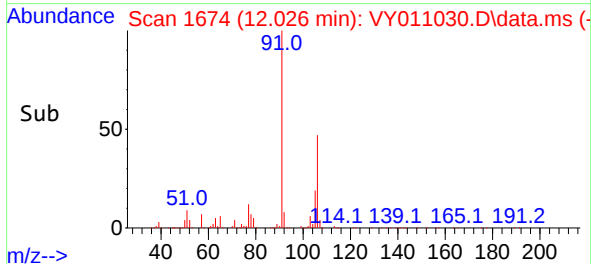
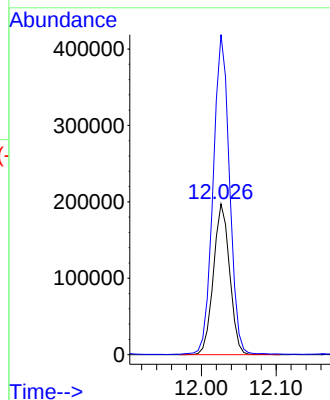
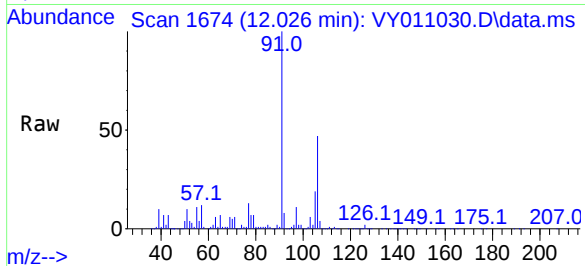




#69
o-Xylene
Concen: 49.308 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

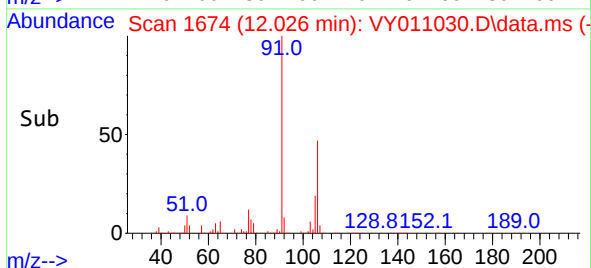
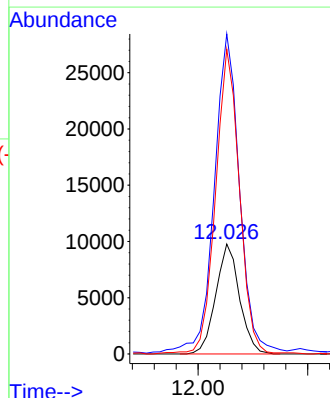
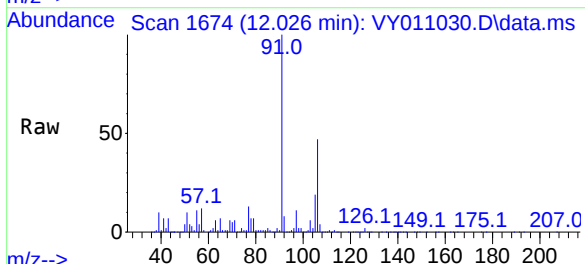
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

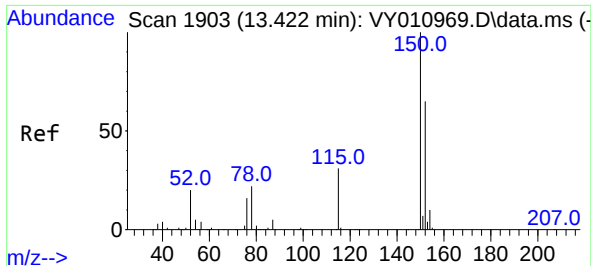
Tgt Ion:106 Resp: 297898
Ion Ratio Lower Upper
106 100
91 215.1 110.3 331.0



#70
Styrene
Concen: 1.434 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.018 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion:104 Resp: 14680
Ion Ratio Lower Upper
104 100
78 309.1 42.4 63.6#
103 279.1 44.4 66.6#

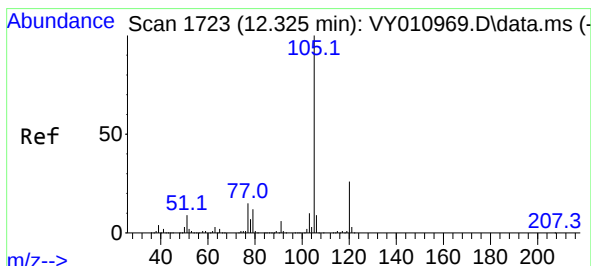
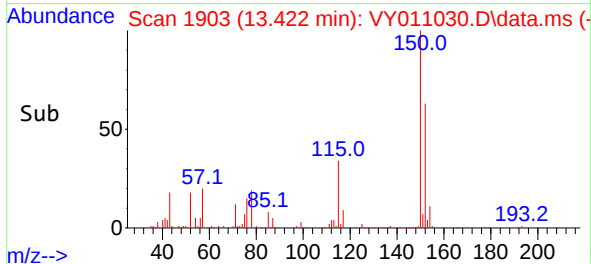
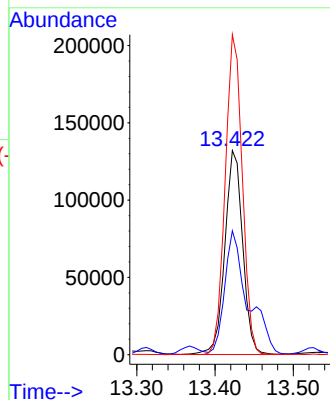
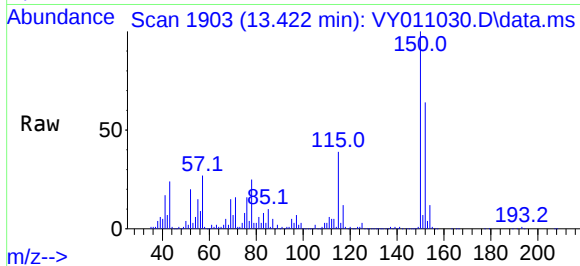




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

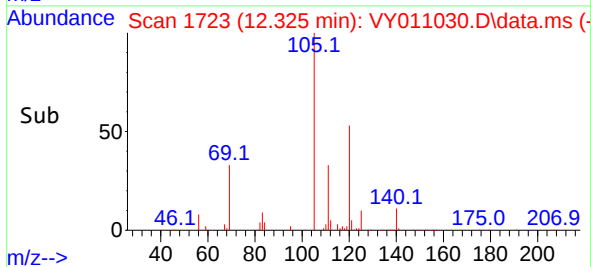
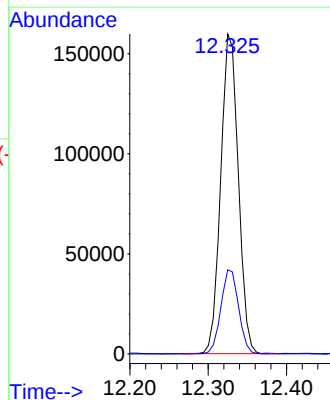
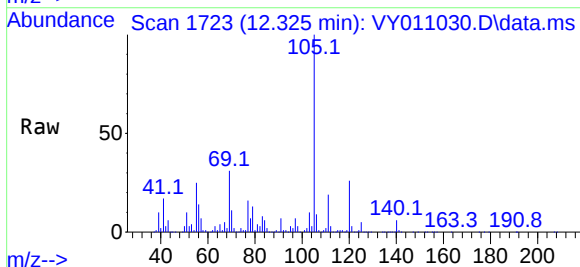
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

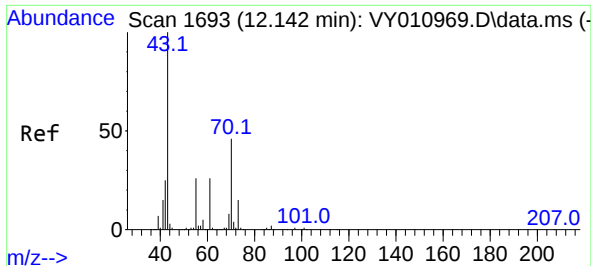
Tgt Ion:152 Resp: 208887
Ion Ratio Lower Upper
152 100
115 78.3 28.2 84.7
150 150.6 0.0 347.6



#73
Isopropylbenzene
Concen: 16.447 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion:105 Resp: 249607
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

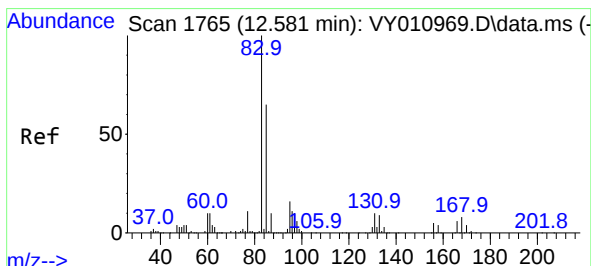
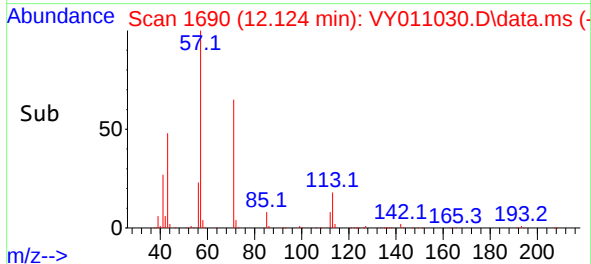
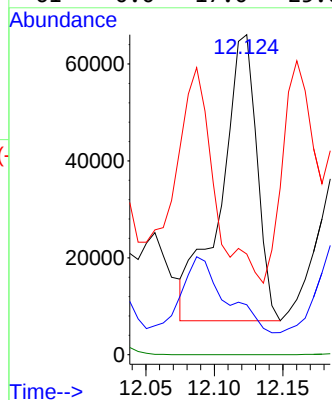
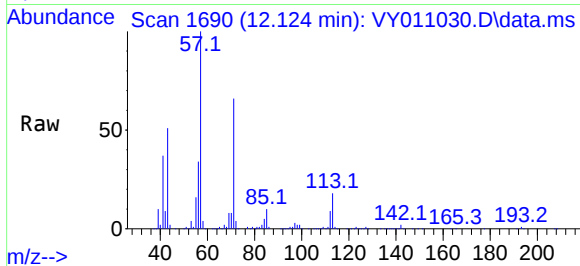




#74
N-amy1 acetate
Concen: 28.158 ug/l
RT: 12.124 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

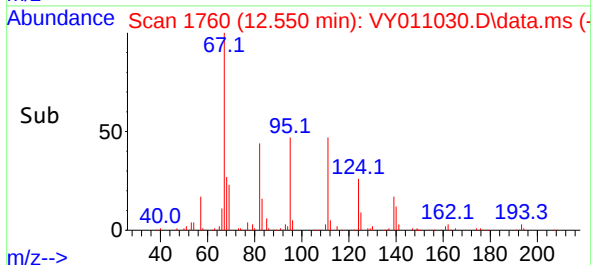
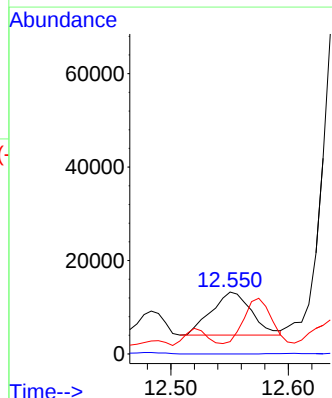
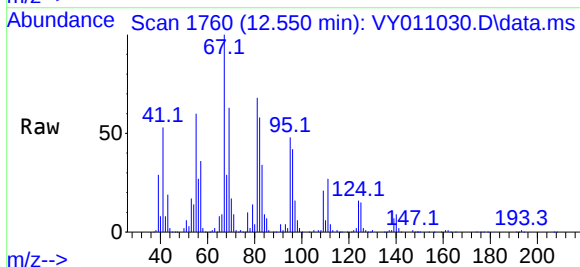
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

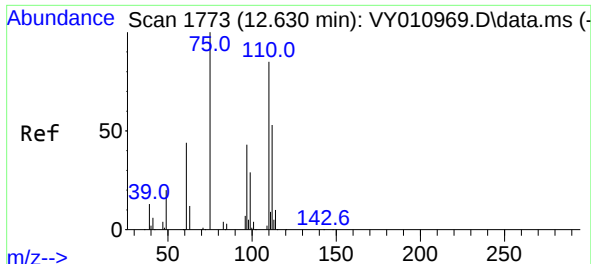
Tgt Ion: 43 Resp: 108423
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.861 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 83 Resp: 21852
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

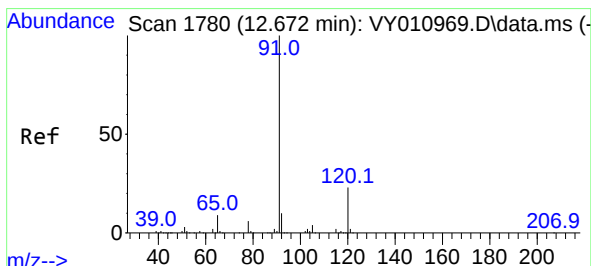
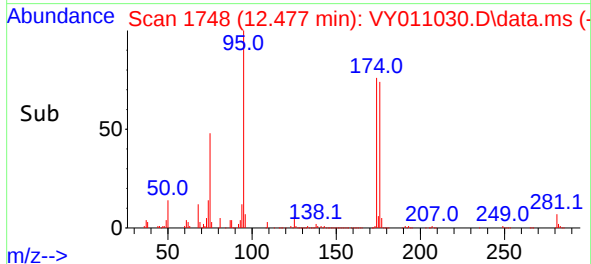
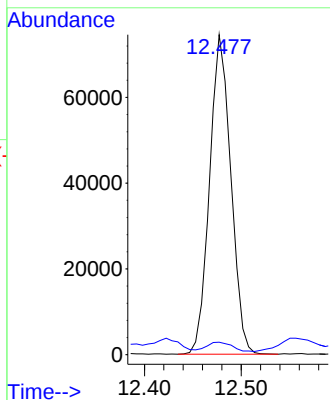
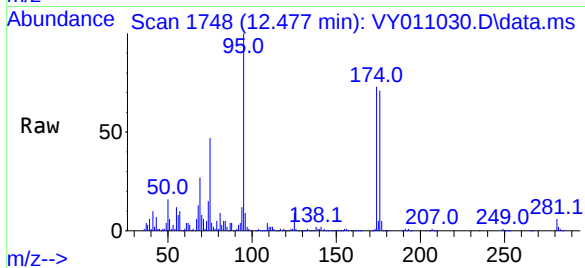




#76
1,2,3-Trichloropropane
Concen: 48.086 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

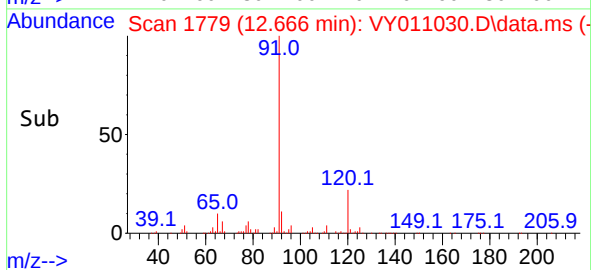
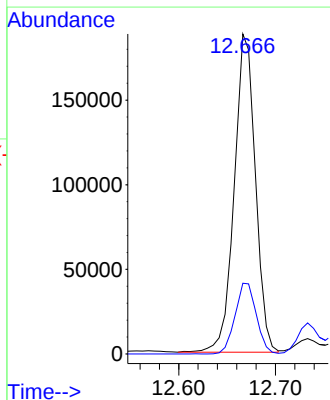
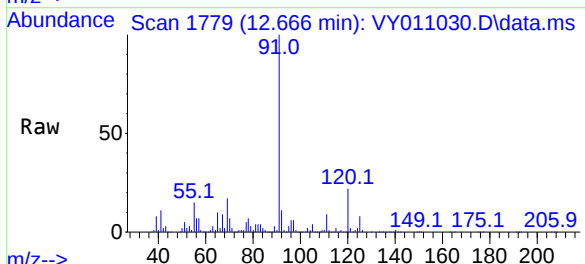
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

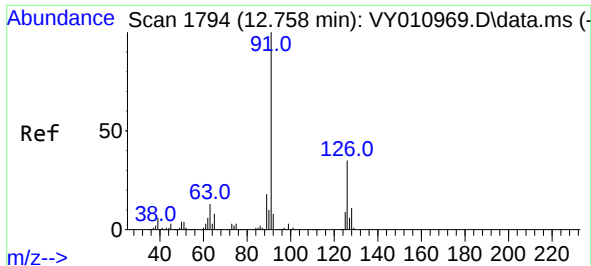
Tgt Ion: 75 Resp: 114037
Ion Ratio Lower Upper
75 100
77 3.3 0.0 0.0#



#78
n-propylbenzene
Concen: 15.489 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 91 Resp: 286001
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9

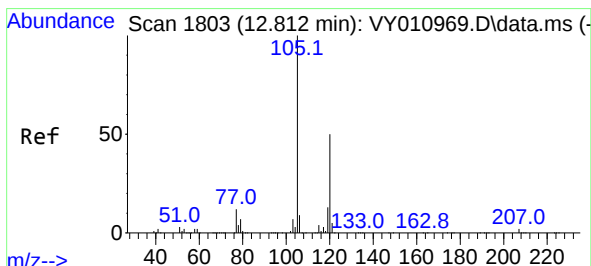
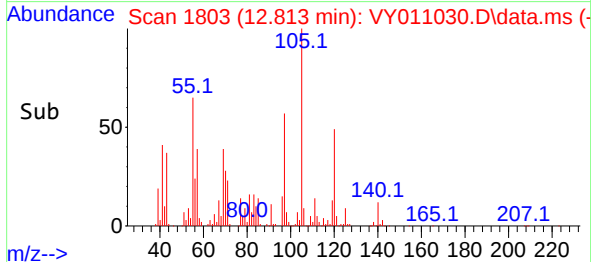
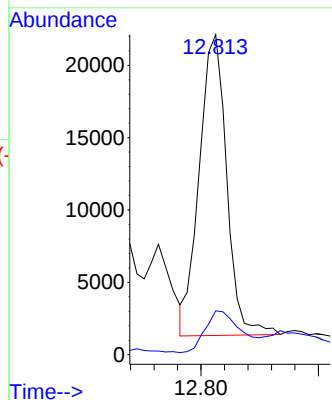
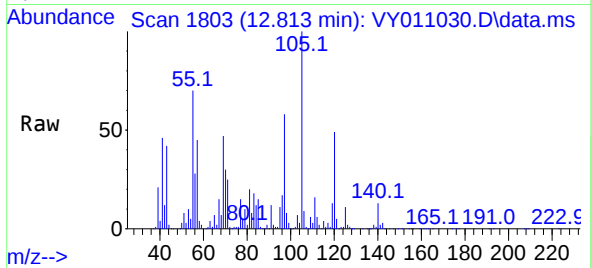




#79
2-Chlorotoluene
Concen: 3.242 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

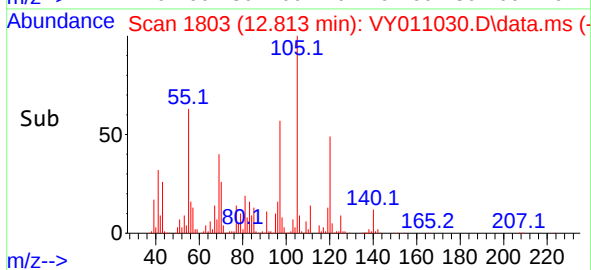
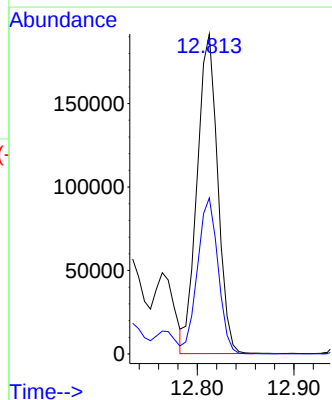
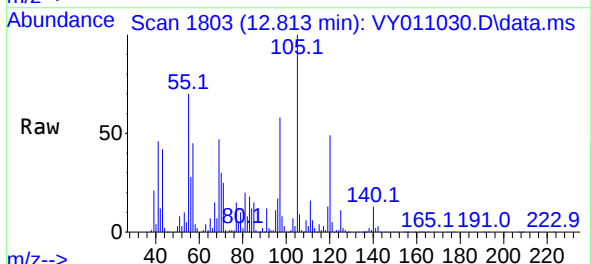
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

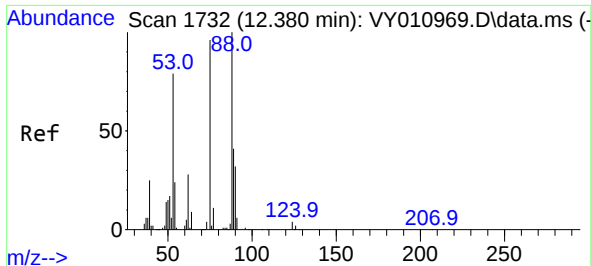
Tgt Ion: 91 Resp: 33716
Ion Ratio Lower Upper
91 100
126 18.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 22.361 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion:105 Resp: 283148
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4

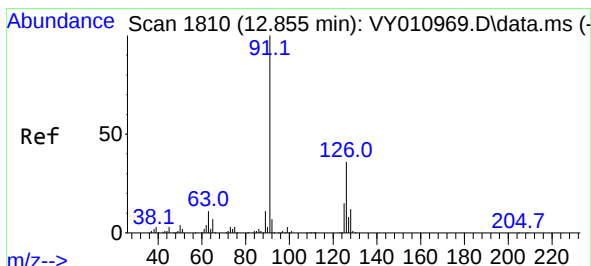
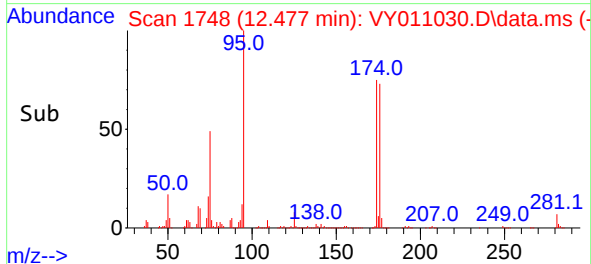
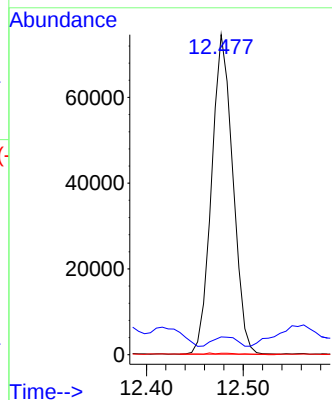
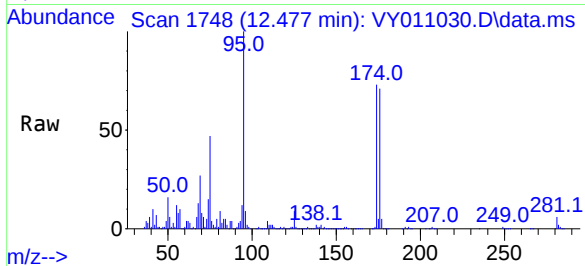




#81
trans-1,4-Dichloro-2-butene
Concen: 103.419 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

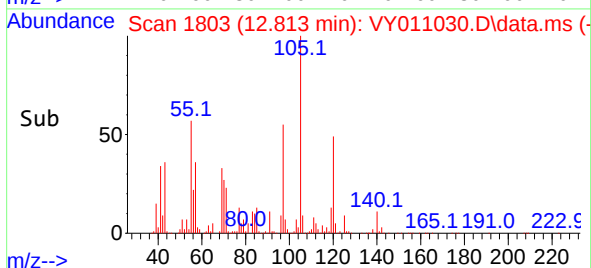
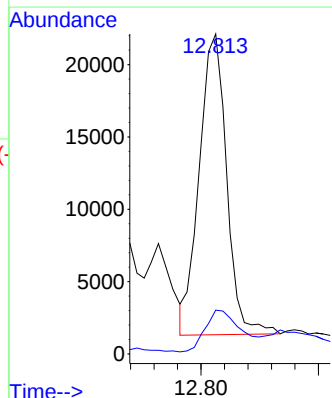
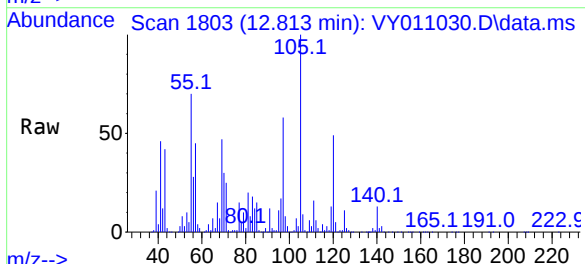
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

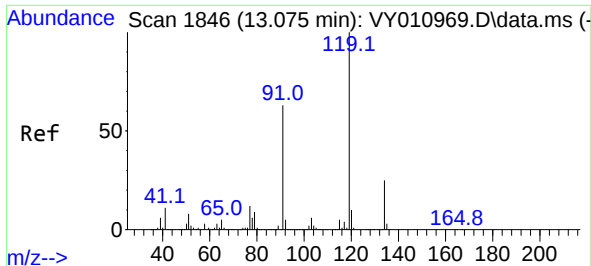
Tgt Ion: 75 Resp: 114037
Ion Ratio Lower Upper
75 100
53 3.3 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 3.114 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 91 Resp: 33716
Ion Ratio Lower Upper
91 100
126 18.3 17.0 51.0

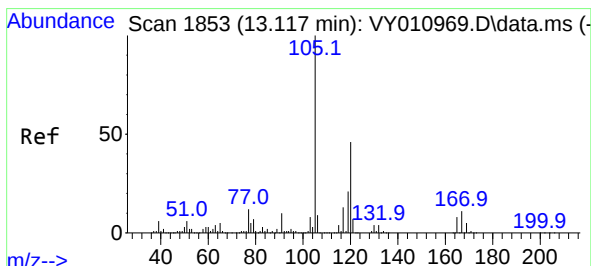
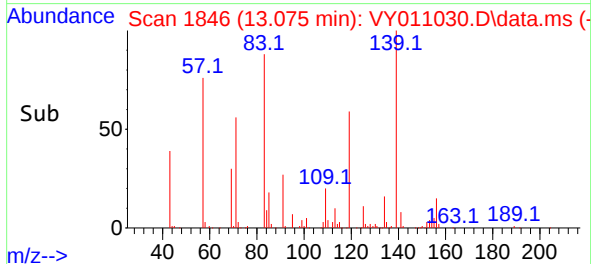
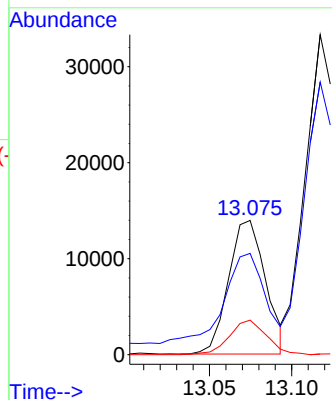
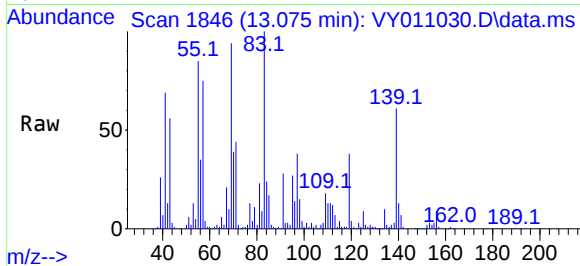




#83
tert-Butylbenzene
Concen: 1.989 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

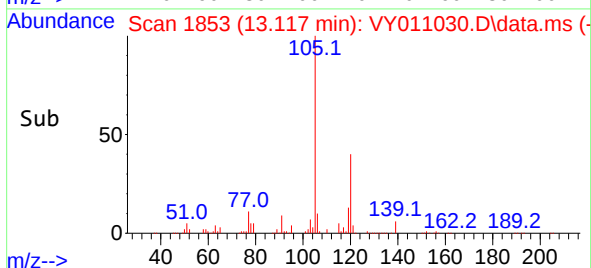
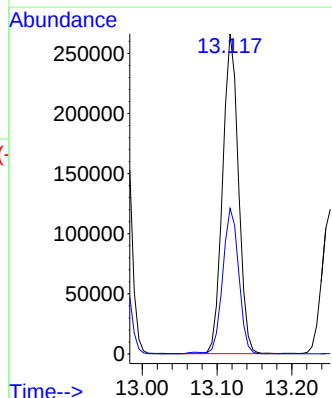
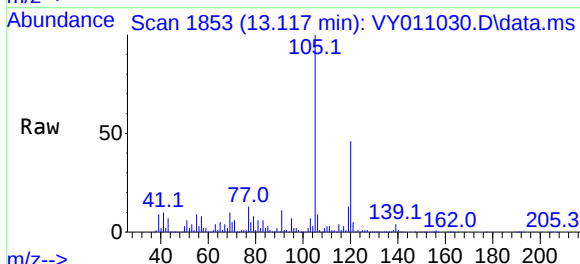
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

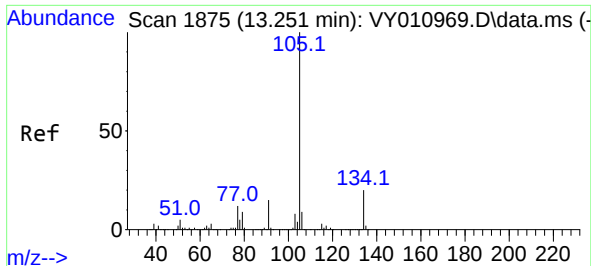
Tgt Ion:119 Resp: 21782
Ion Ratio Lower Upper
119 100
91 73.7 34.8 104.4
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 31.332 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion:105 Resp: 391210
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9

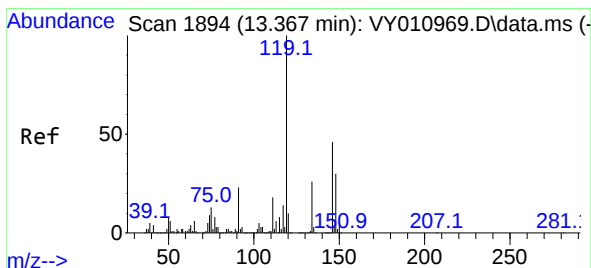
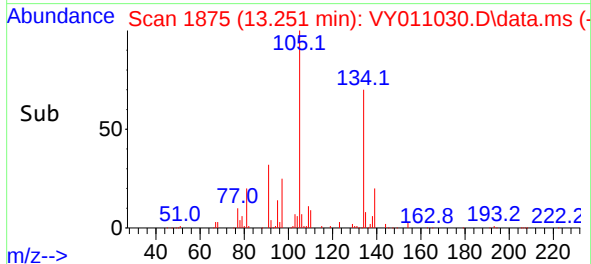
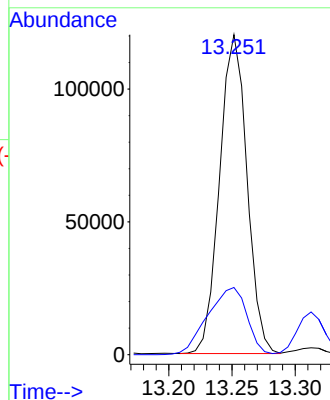
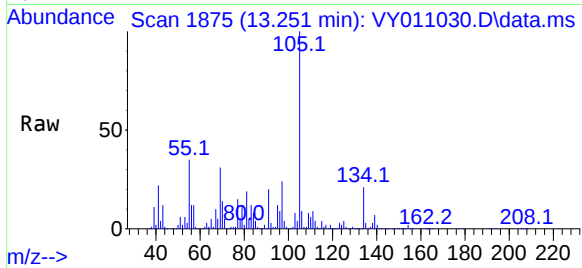




#85
 sec-Butylbenzene
 Concen: 10.986 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY011030.D
 Acq: 20 Oct 2022 17:06

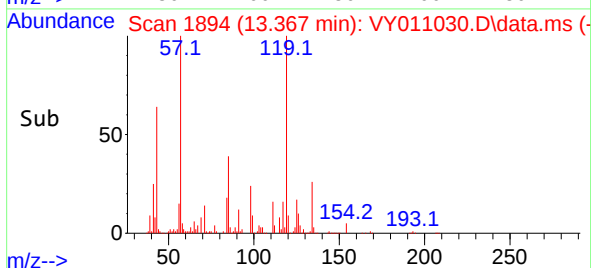
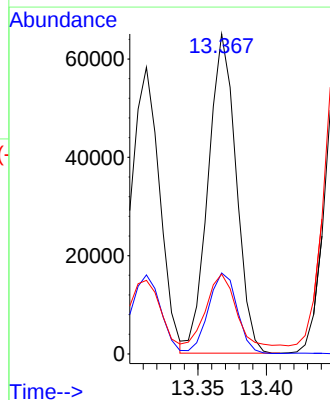
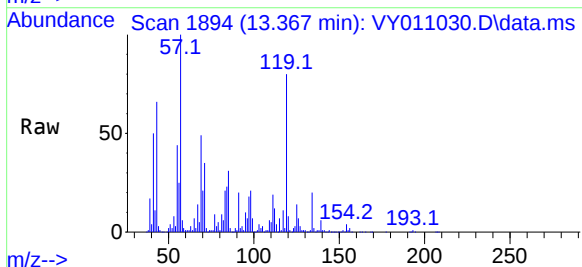
Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-07-00-20

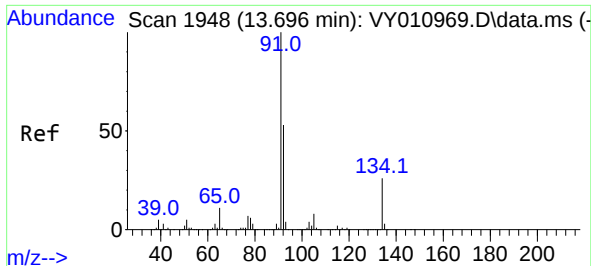
Tgt Ion:105 Resp: 180761
 Ion Ratio Lower Upper
 105 100
 134 30.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 6.744 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY011030.D
 Acq: 20 Oct 2022 17:06

Tgt Ion:119 Resp: 92056
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 23.1 12.4 37.2

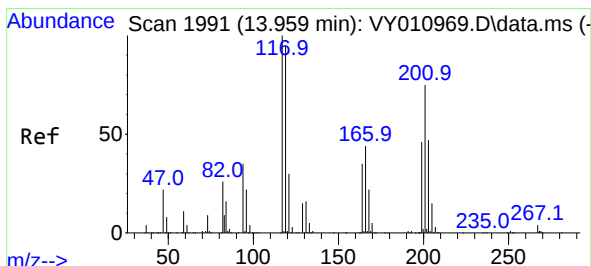
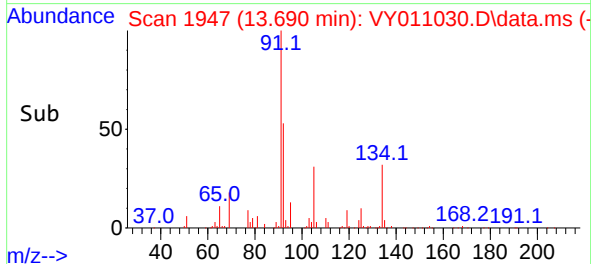
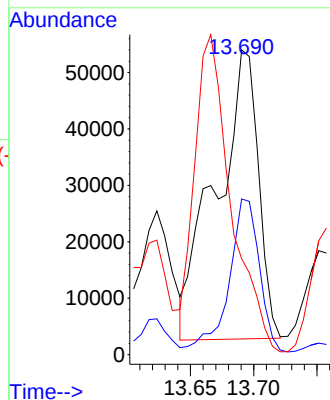
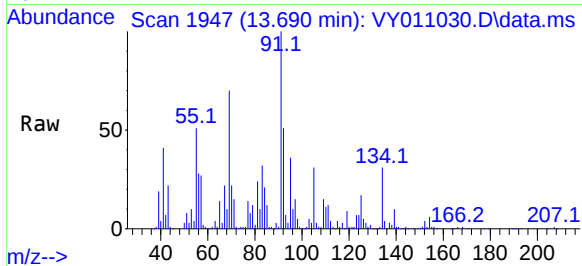




#89
n-Butylbenzene
Concen: 9.339 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

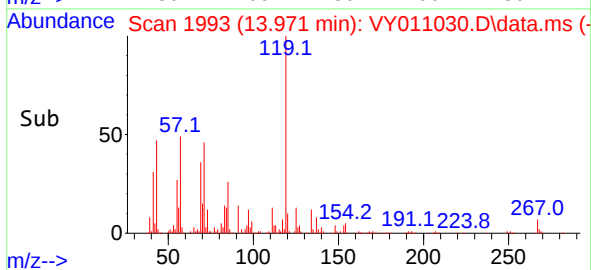
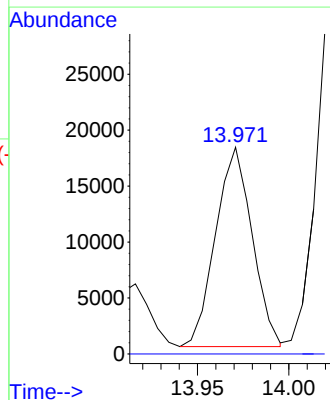
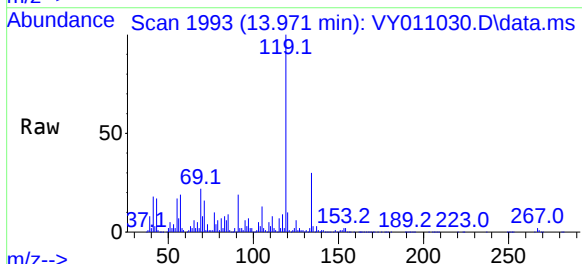
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

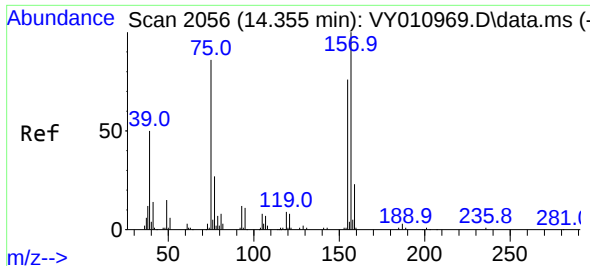
Tgt Ion: 91 Resp: 119117
Ion Ratio Lower Upper
91 100
92 38.1 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 9.203 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion: 117 Resp: 24791
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

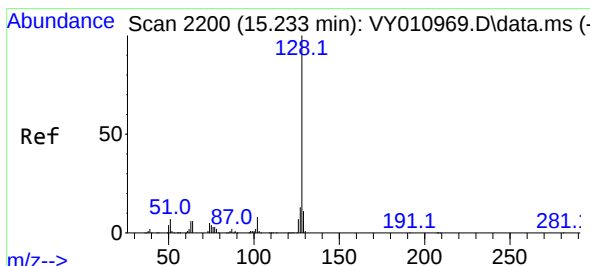
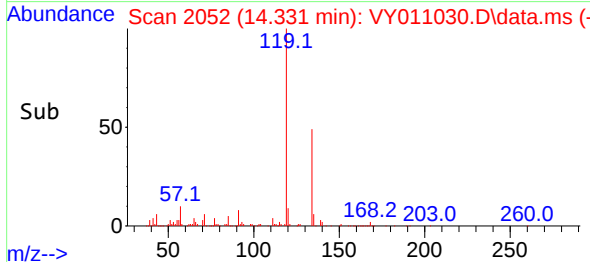
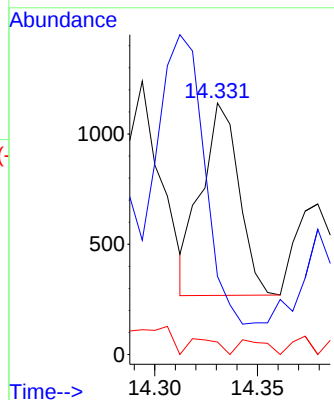
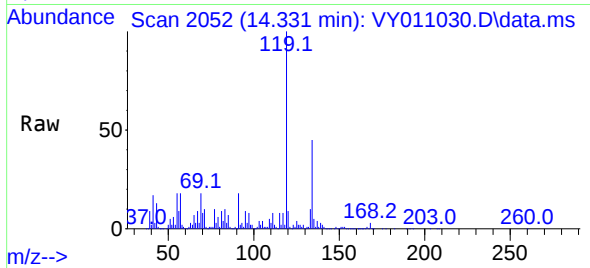




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.108 ug/l
RT: 14.331 min Scan# 2056
Delta R.T. -0.024 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 5.7 47.8 143.3#



#95
Naphthalene
Concen: 72.952 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011030.D
Acq: 20 Oct 2022 17:06

Tgt Ion:128 Resp: 562435
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.5 8.4 12.6

