

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012244.D
 Acq On : 18 Jan 2023 14:21
 Operator : KP/MD
 Sample : 01190-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Jan 19 00:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	289982	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97314	56.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.420%	
35) Dibromofluoromethane	7.716	113	88662	50.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.179	98	457842	76.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 153.760%#	
62) 4-Bromofluorobenzene	12.477	95	169971	68.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.060%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	538	Below Cal	#	74
16) Acetone	3.948	43	1334	2.274	ug/l	97
20) Methylene Chloride	4.716	84	12305	Below Cal		86
25) 2-Butanone	6.984	43	1431	2.209	ug/l	# 88
31) Cyclohexane	7.777	56	80132	26.085	ug/l	97
36) 1,1-Dichloropropene	7.783	75	14168	4.704	ug/l	# 60
37) Ethyl Acetate	6.984	43	1431	1.078	ug/l	# 64
38) Carbon Tetrachloride	7.789	117	21306	5.477	ug/l	# 17
39) Methylcyclohexane	9.185	83	589639	160.181	ug/l	93
40) Benzene	8.161	78	50233	5.778	ug/l	100
43) Isopropyl Acetate	8.270	43	8931	3.615	ug/l	# 51
45) 1,2-Dichloropropane	9.185	63	6961	3.837	ug/l	# 1
47) Bromodichloromethane	9.465	83	5092	1.666	ug/l	# 39
48) Methyl methacrylate	9.246	41	14915	13.103	ug/l	# 28
51) 4-Methyl-2-Pentanone	10.173	43	34242	25.993	ug/l	# 53
52) Toluene	10.240	92	772239	133.405	ug/l	100
55) 1,1,2-Trichloroethane	10.618	97	375842	217.819	ug/l	# 20
56) Ethyl methacrylate	10.520	69	73894	32.643	ug/l	# 1
59) 2-Hexanone	10.800	43	245398	244.669	ug/l	# 28
65) Chlorobenzene	11.630	112	19917	3.357	ug/l	# 43
67) Ethyl Benzene	11.593	91	2279373	214.959	ug/l	99
68) m/p-Xylenes	11.697	106	3506871	836.451	ug/l	98
69) o-Xylene	12.032	106	1662397	415.129	ug/l	100
70) Styrene	12.032	104	83996	12.554	ug/l	# 1
73) Isopropylbenzene	12.331	105	713760	69.068	ug/l	99
74) N-amyl acetate	12.123	43	501619	247.620	ug/l	# 58
75) 1,1,2,2-Tetrachloroethane	12.532	83	85860	52.748	ug/l	# 57
76) 1,2,3-Trichloropropane	12.672	75	16239	12.323	ug/l	# 100
78) n-propylbenzene	12.672	91	2427090	200.706	ug/l	98
79) 2-Chlorotoluene	12.739	91	991106	144.957	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.812	105	3165700	352.387	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.331	75	8505	13.298	ug/l	# 31
82) 4-Chlorotoluene	12.812	91	377048	52.499	ug/l	# 47
83) tert-Butylbenzene	13.123	119	1455917	185.946	ug/l	# 59
84) 1,2,4-Trimethylbenzene	13.123	105	10674054	1204.819	ug/l	95
85) sec-Butylbenzene	13.257	105	1056128	94.739	ug/l	82

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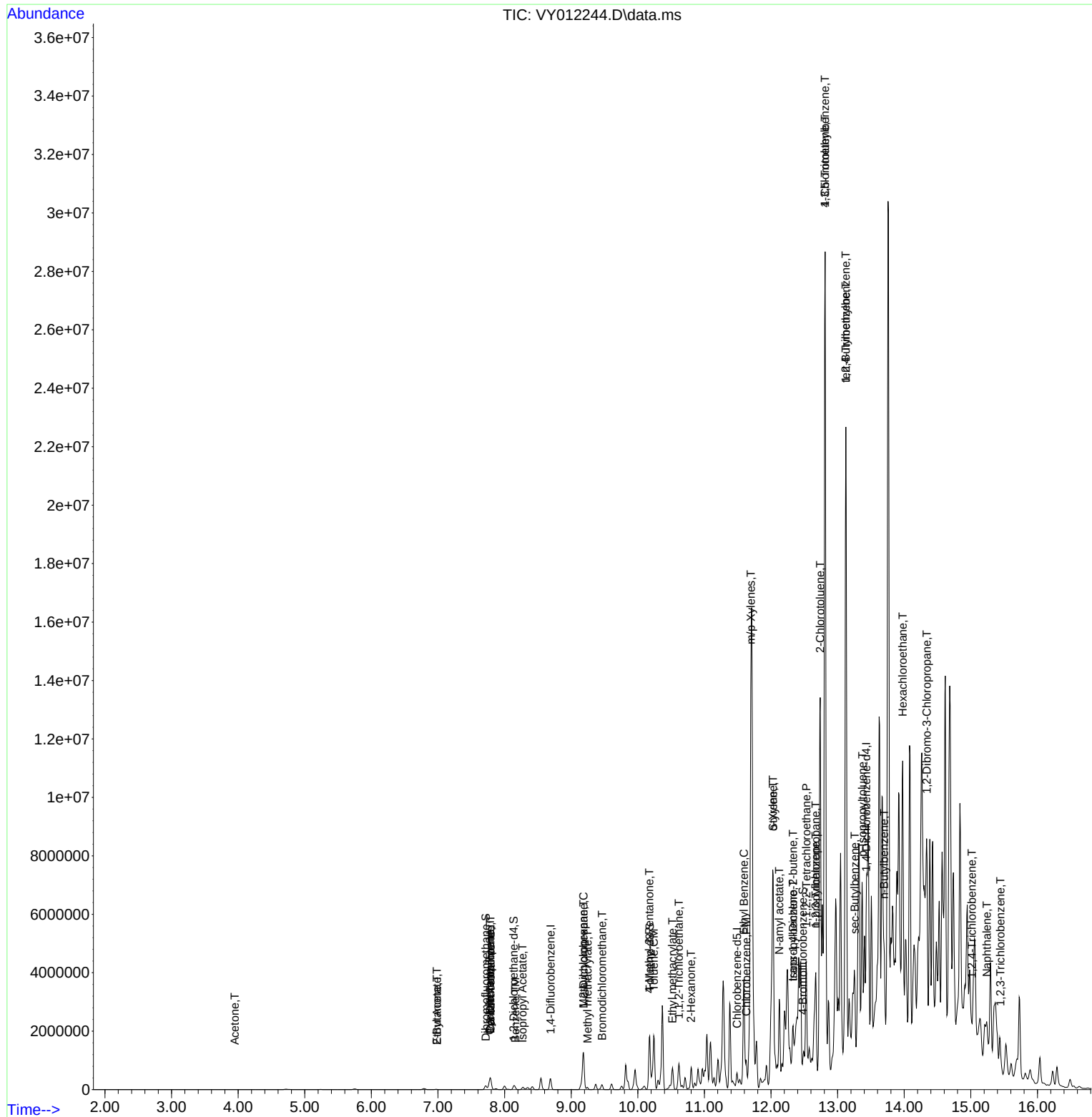
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.373	119	662285	67.998	ug/l	99
89) n-Butylbenzene	13.696	91	1332166	157.829	ug/l #	77
90) Hexachloroethane	13.977	117	338644	192.597	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.336	75	19384	57.624	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.013	180	4687	1.658	ug/l #	28
95) Naphthalene	15.239	128	903919	161.961	ug/l	96
96) 1,2,3-Trichlorobenzene	15.446	180	14482	5.952	ug/l #	12

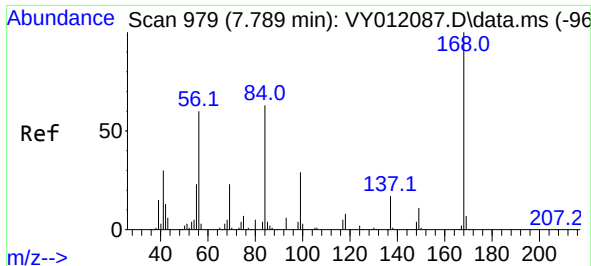
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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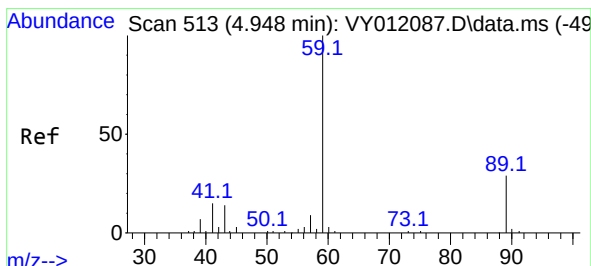
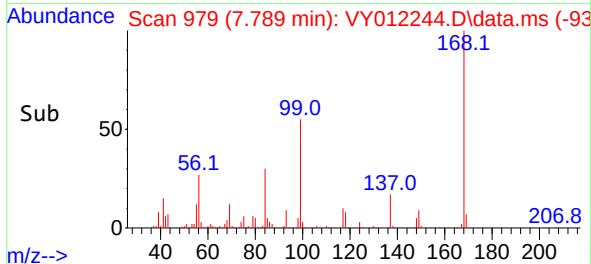
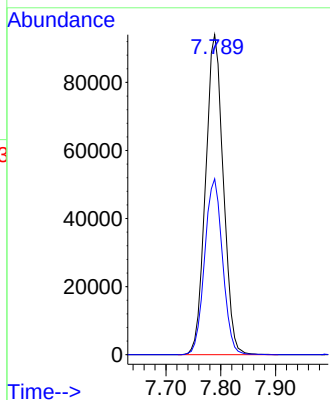
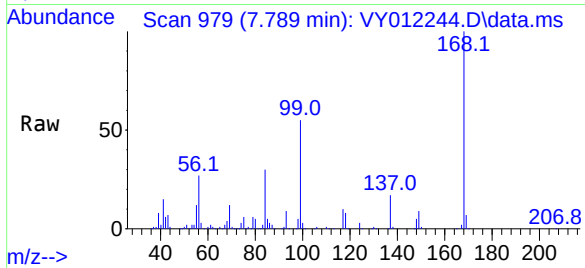




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012244.D
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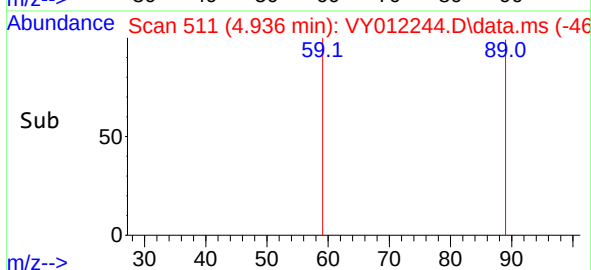
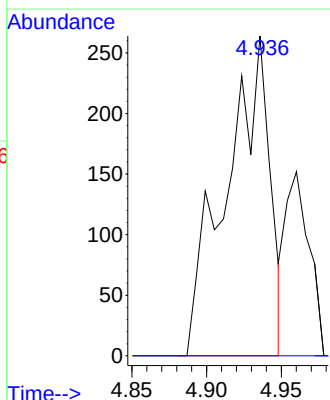
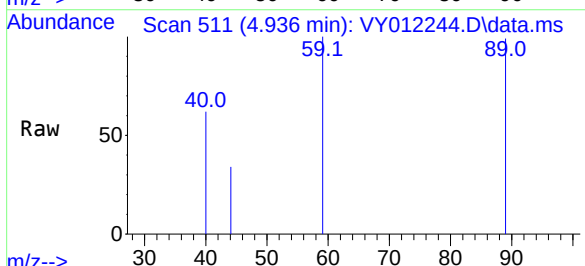
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

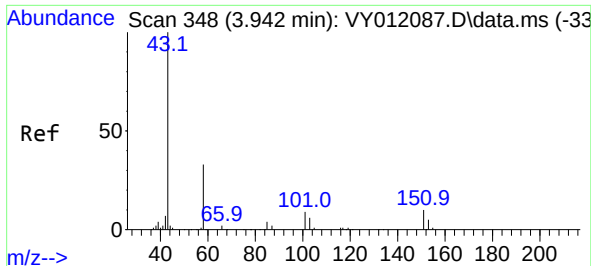
Tgt Ion:168 Resp: 210694
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 2.274 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

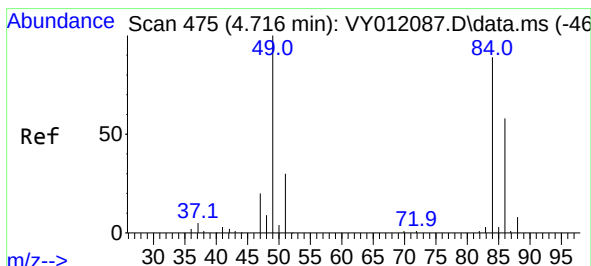
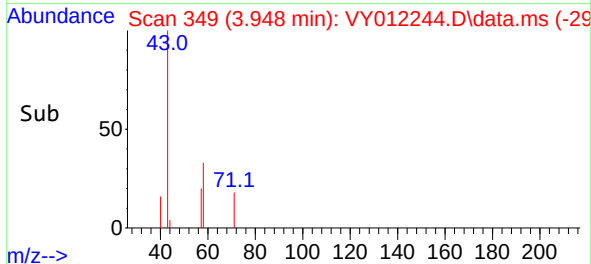
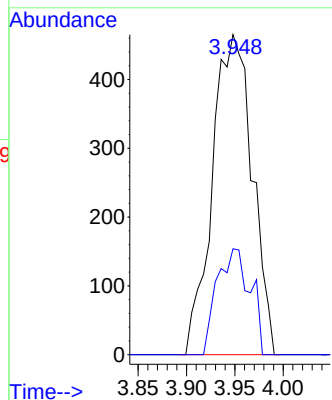
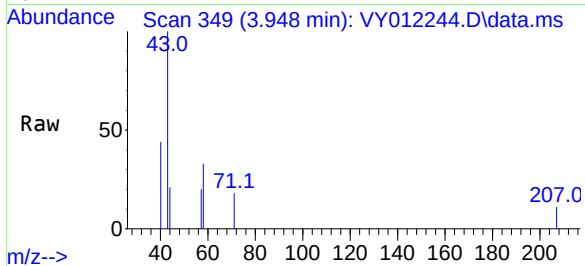
PE-2

Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

58 33.1 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Tgt Ion: 84 Resp: 12305

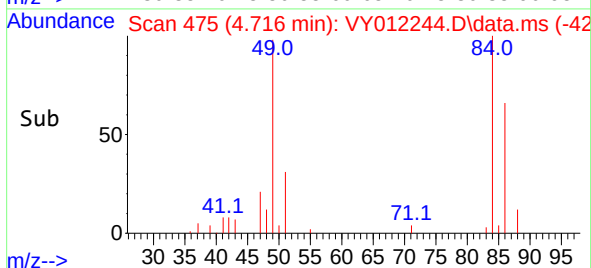
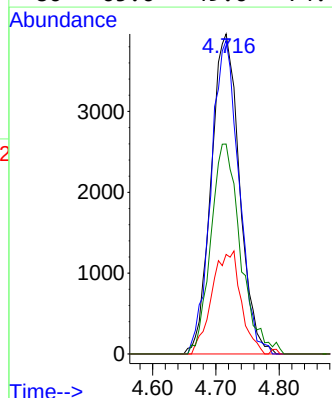
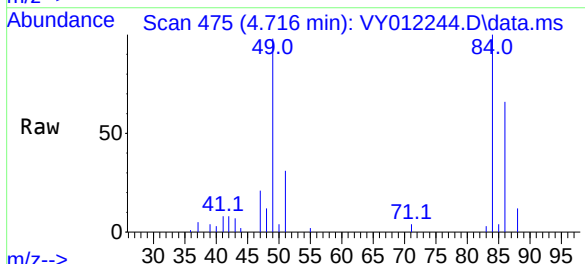
Ion Ratio Lower Upper

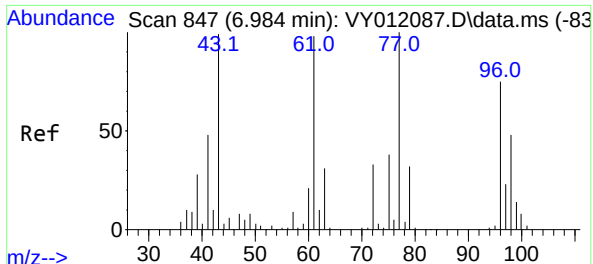
84 100

49 97.9 95.4 143.2

51 31.1 29.9 44.9

86 65.6 49.6 74.4

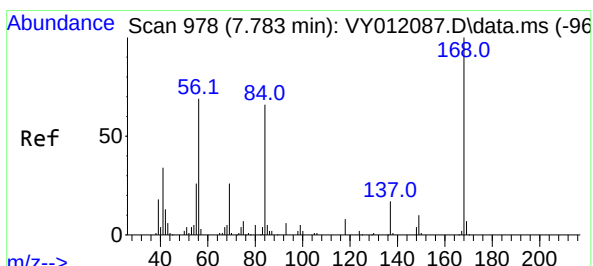
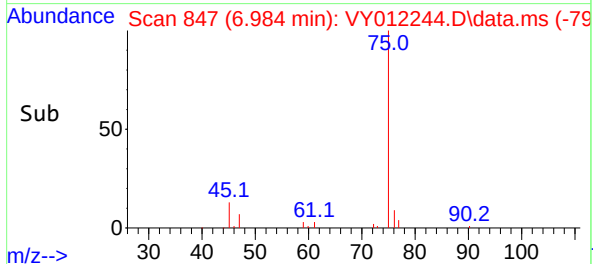
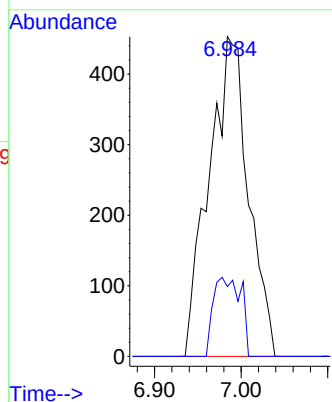
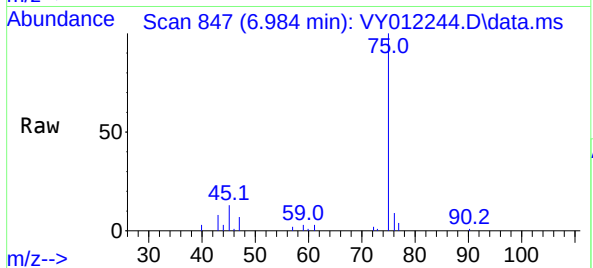




#25
2-Butanone
Concen: 2.209 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

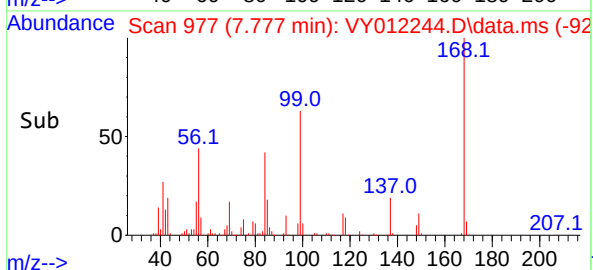
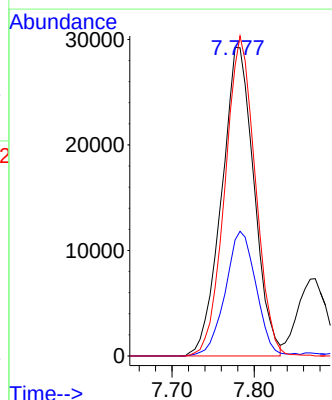
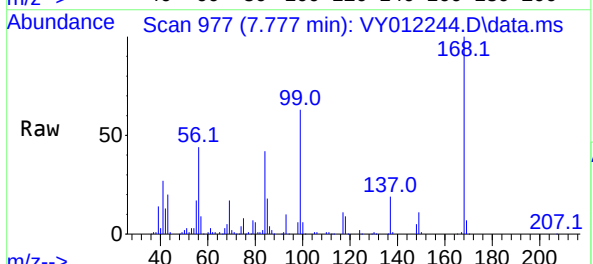
Instrument :
MSVOA_Y
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PE-2

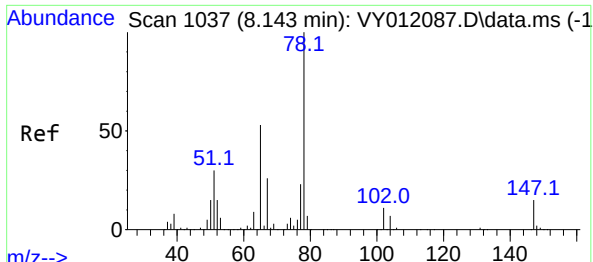
Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
72 21.9 22.6 34.0#



#31
Cyclohexane
Concen: 26.085 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 56 Resp: 80132
Ion Ratio Lower Upper
56 100
69 37.6 29.2 43.8
84 94.0 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 56.211 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

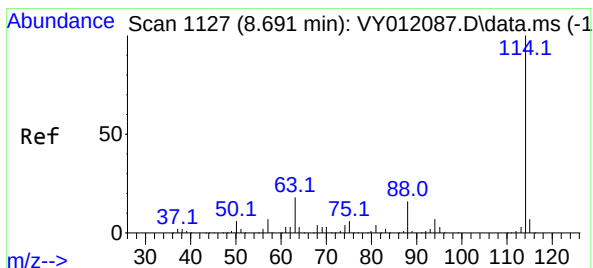
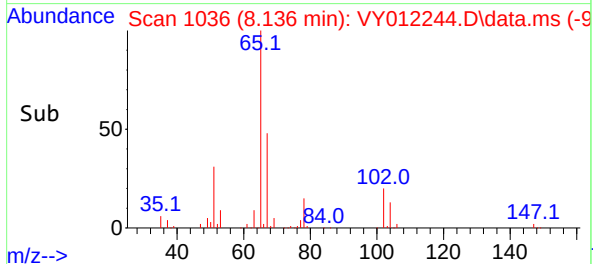
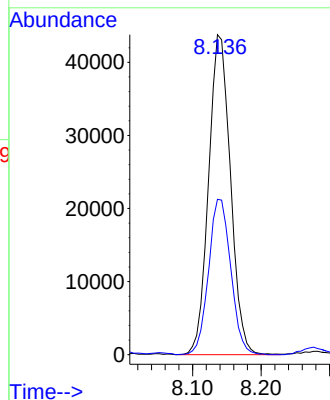
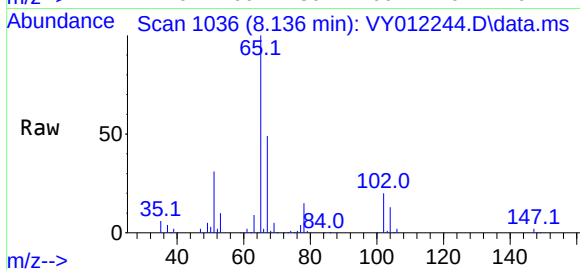
PE-2

Tgt Ion: 65 Resp: 97314

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

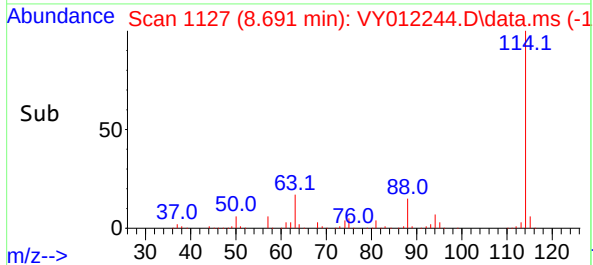
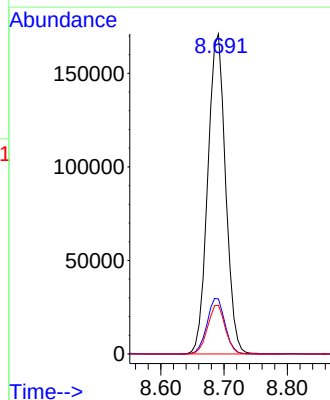
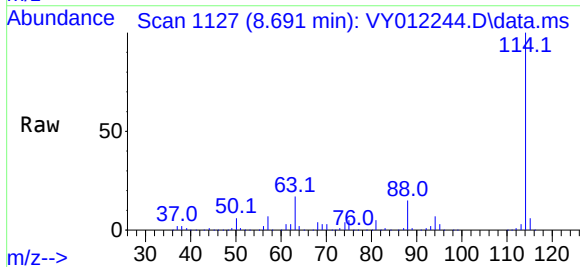
Tgt Ion:114 Resp: 334730

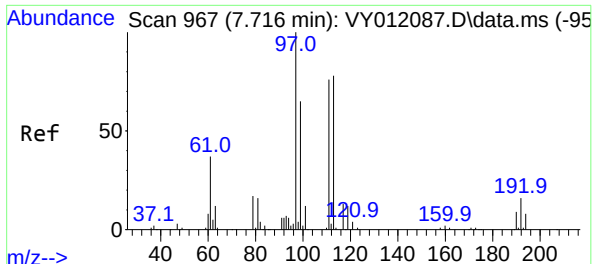
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 15.2 0.0 32.2

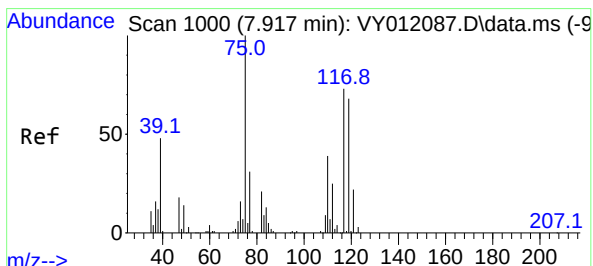
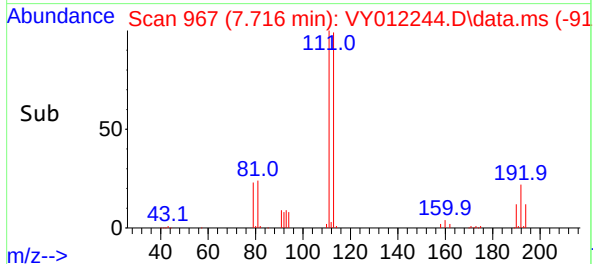
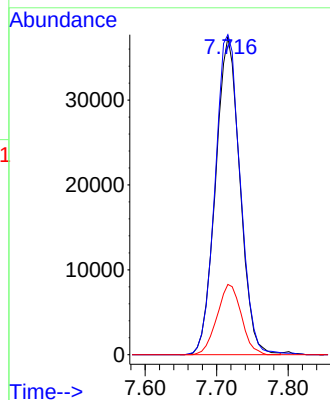
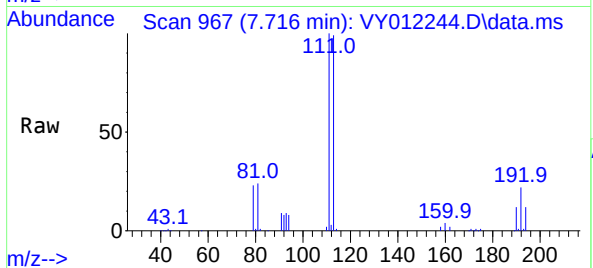




#35
Dibromofluoromethane
Concen: 50.024 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

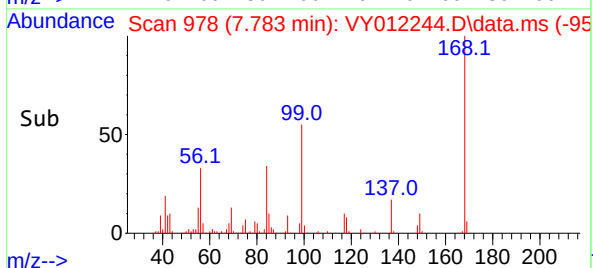
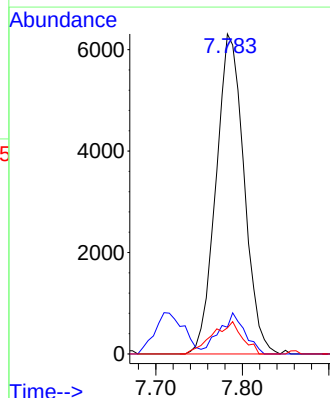
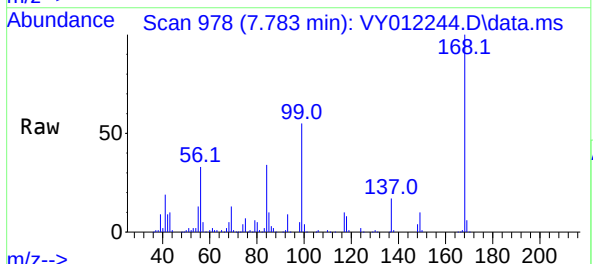
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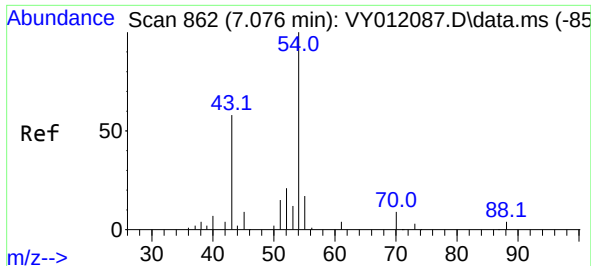
Tgt Ion:113 Resp: 88662
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 22.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 75 Resp: 14168
Ion Ratio Lower Upper
75 100
110 11.6 18.1 54.1#
77 10.8 25.1 37.7#

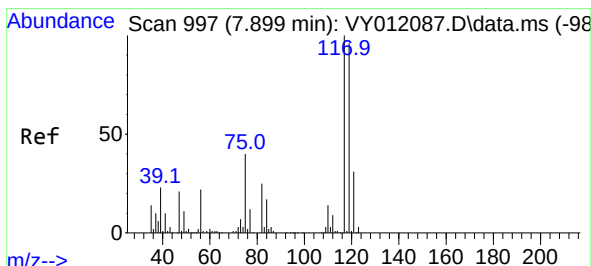
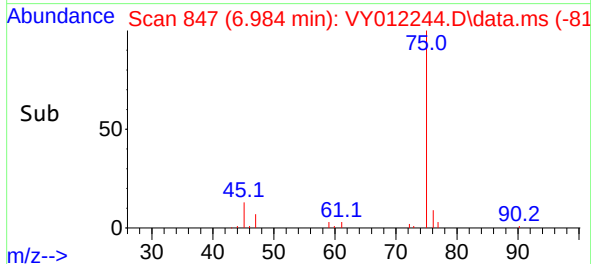
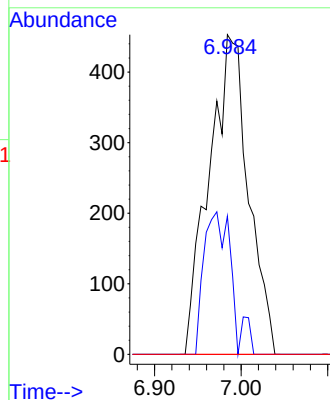
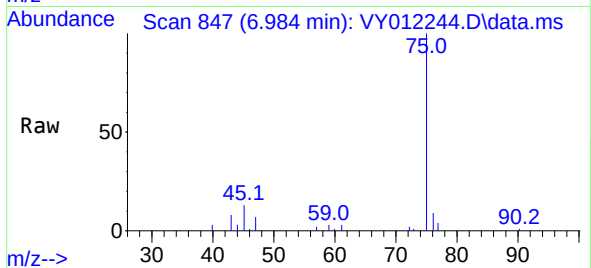




#37
Ethyl Acetate
Concen: 1.078 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

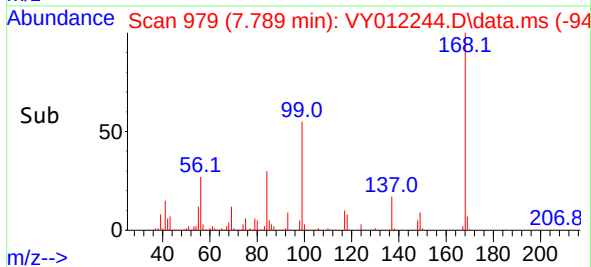
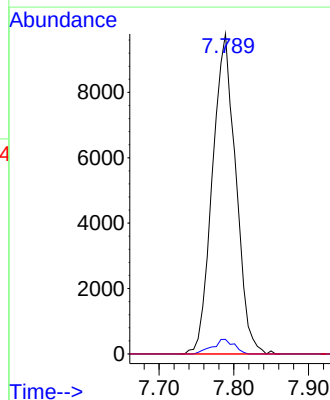
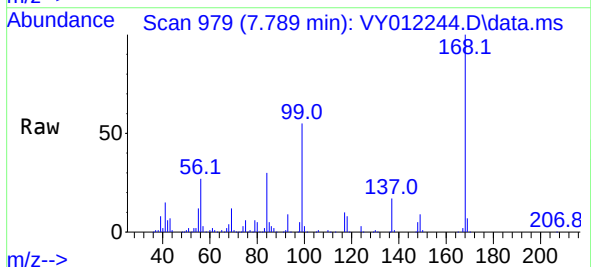
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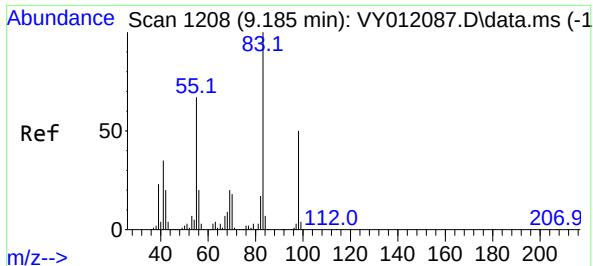
Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
61 31.5 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 117 Resp: 21306
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.8#
121 0.0 25.2 37.8#





#39

Methylcyclohexane

Concen: 160.181 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-2

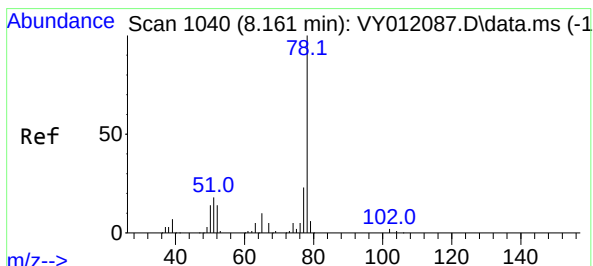
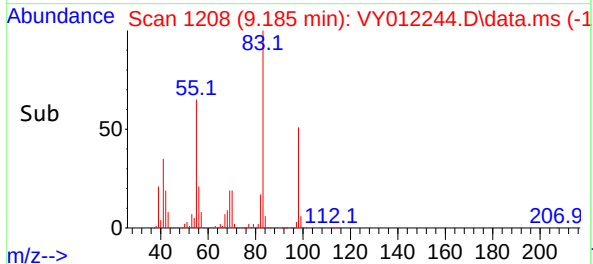
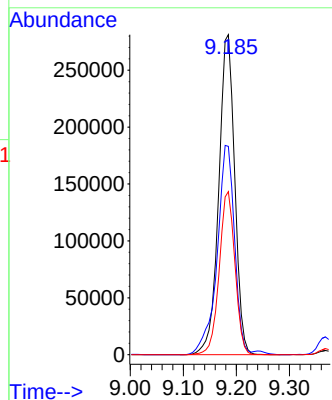
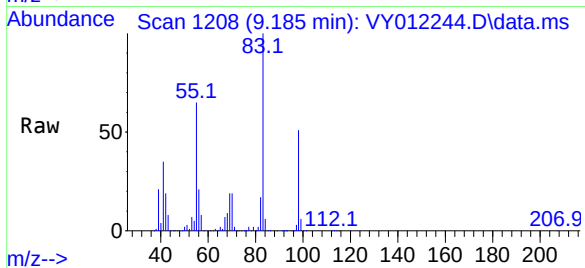
Tgt Ion: 83 Resp: 589639

Ion Ratio Lower Upper

83 100

55 65.1 58.2 87.2

98 50.9 38.6 58.0



#40

Benzene

Concen: 5.778 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012244.D

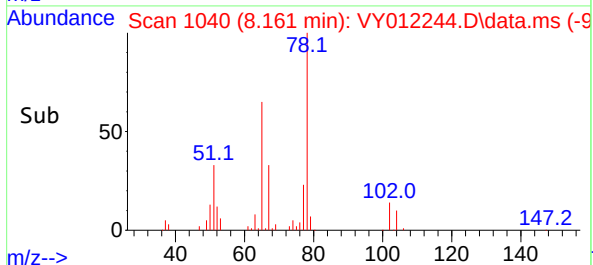
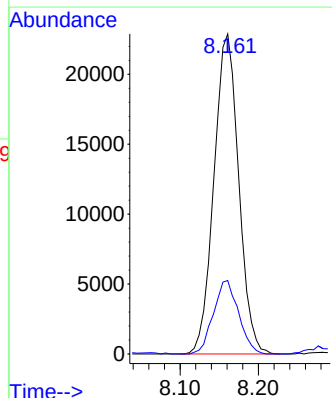
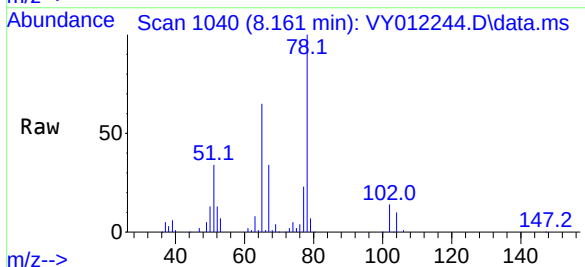
Acq: 18 Jan 2023 14:21

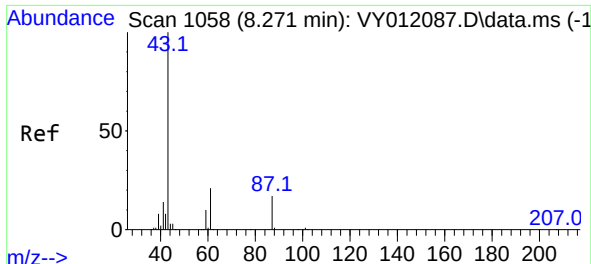
Tgt Ion: 78 Resp: 50233

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8





#43

Isopropyl Acetate

Concen: 3.615 ug/l

RT: 8.270 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-2

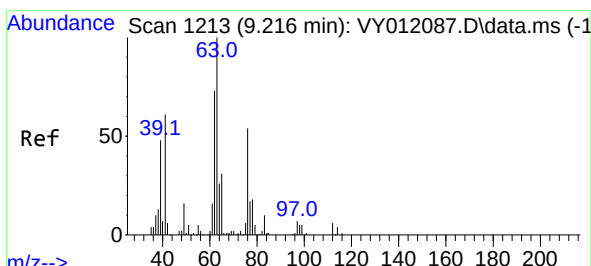
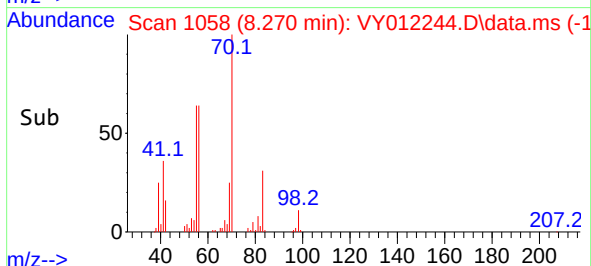
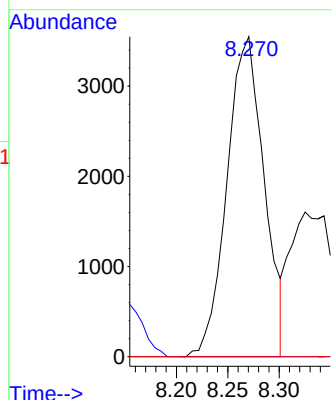
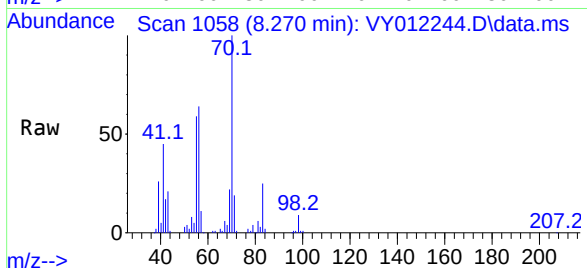
Tgt Ion: 43 Resp: 8931

Ion Ratio Lower Upper

43 100

61 0.0 24.4 36.6#

87 0.0 11.4 17.2#



#45

1,2-Dichloropropane

Concen: 3.837 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.031 min

Lab File: VY012244.D

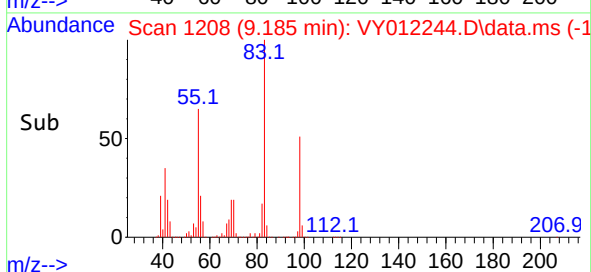
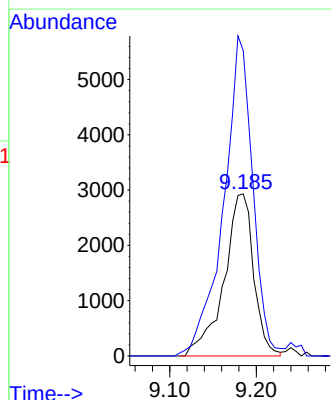
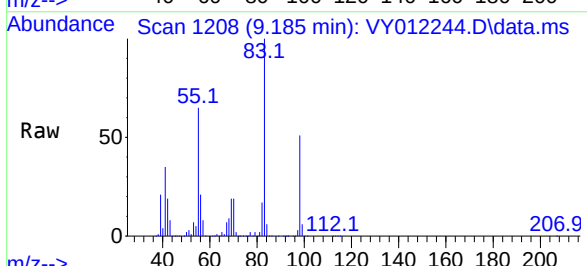
Acq: 18 Jan 2023 14:21

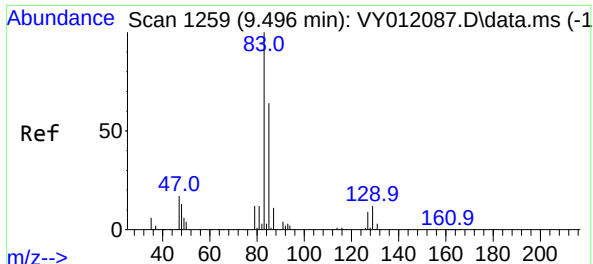
Tgt Ion: 63 Resp: 6961

Ion Ratio Lower Upper

63 100

65 186.5 24.9 37.3#





#47

Bromodichloromethane

Concen: 1.666 ug/l

RT: 9.465 min Scan# 1

Delta R.T. -0.031 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-2

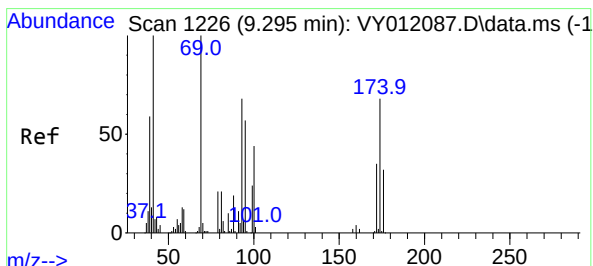
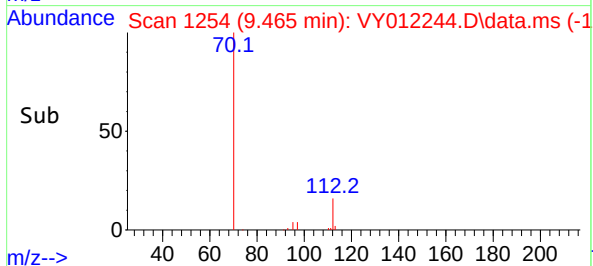
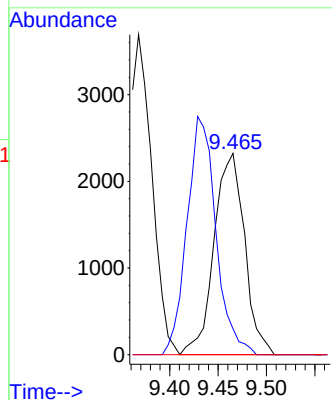
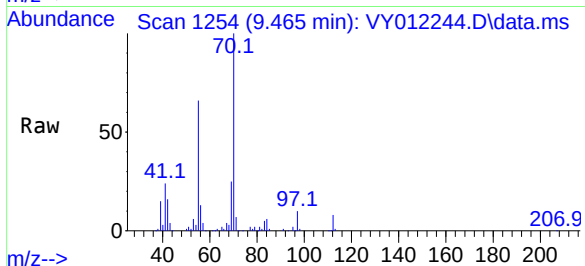
Tgt Ion: 83 Resp: 5092

Ion Ratio Lower Upper

83 100

85 12.9 52.0 78.0#

127 0.0 7.3 10.9#



#48

Methyl methacrylate

Concen: 13.103 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. -0.049 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

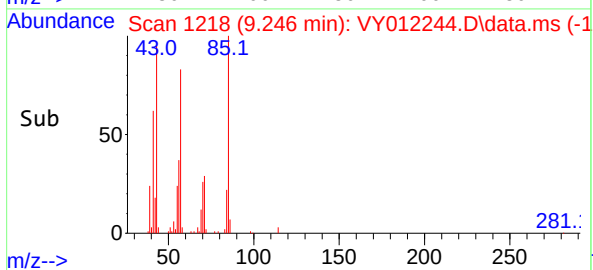
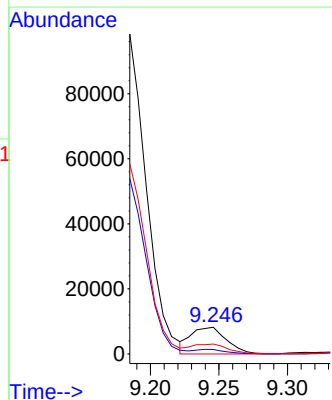
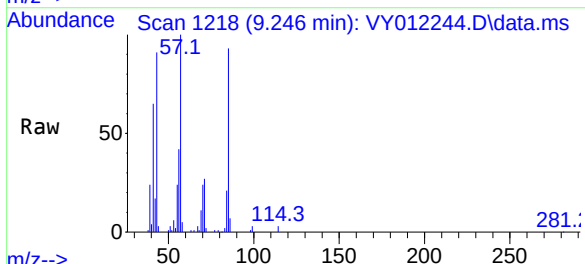
Tgt Ion: 41 Resp: 14915

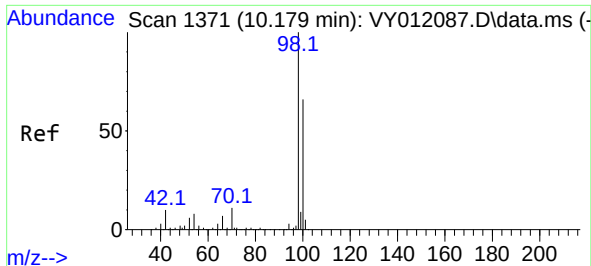
Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 34.4 46.3 69.5#

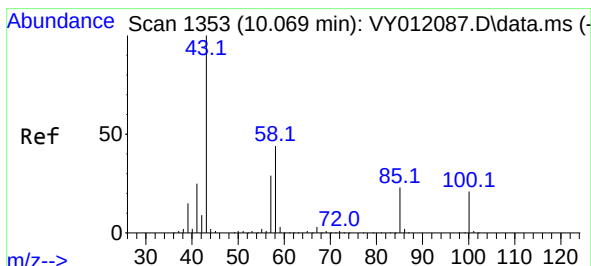
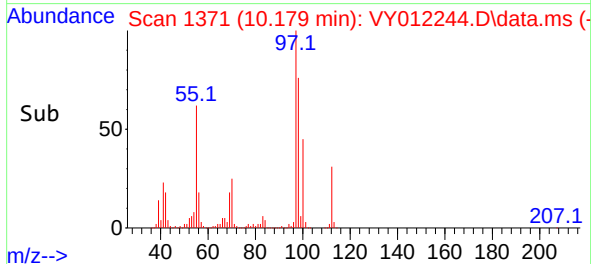
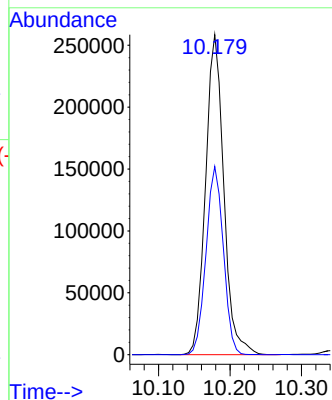
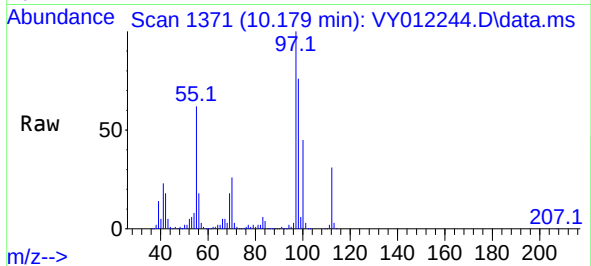




#50
Toluene-d8
Concen: 76.884 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

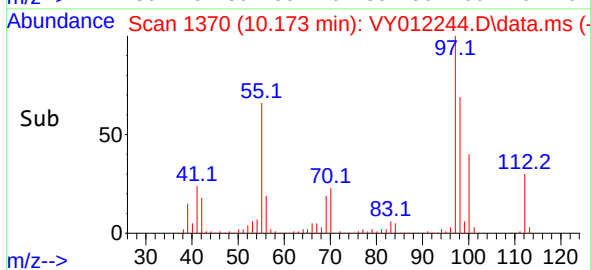
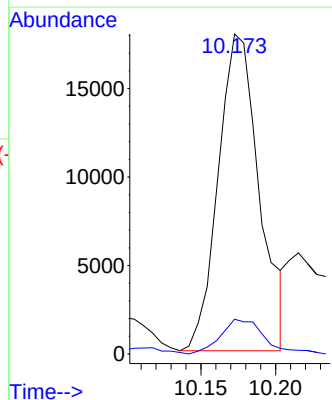
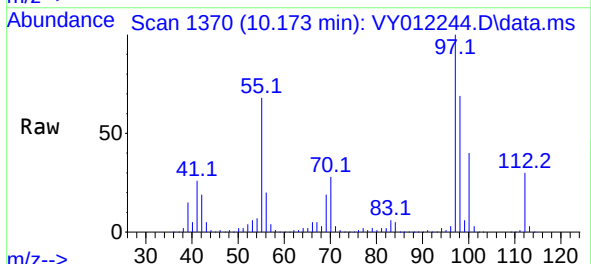
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

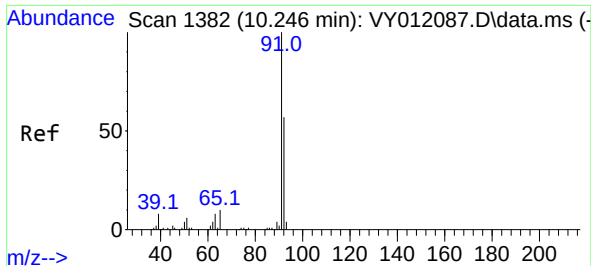
Tgt Ion: 98 Resp: 457842
Ion Ratio Lower Upper
98 100
100 55.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.993 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 43 Resp: 34242
Ion Ratio Lower Upper
43 100
58 11.7 32.9 49.3#

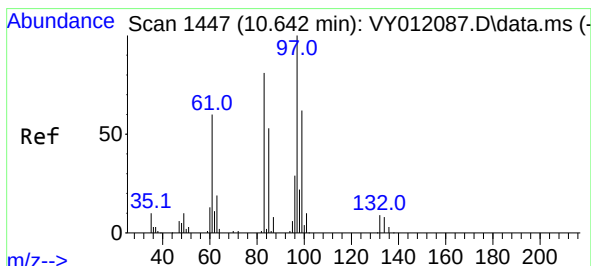
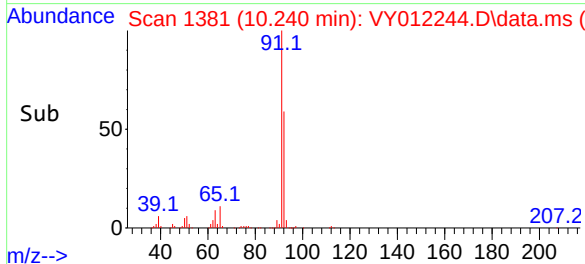
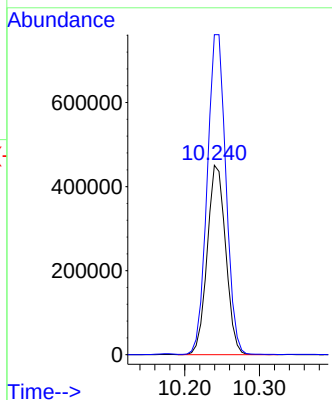
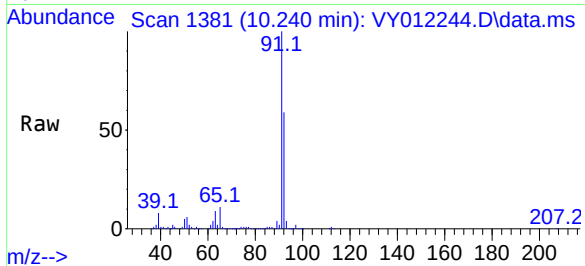




#52
Toluene
Concen: 133.405 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

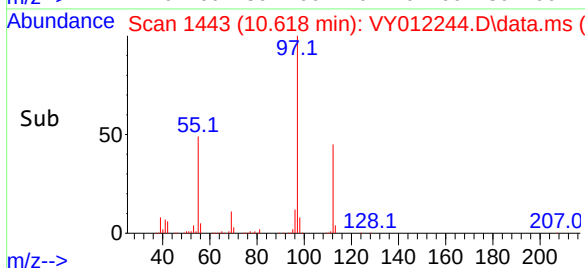
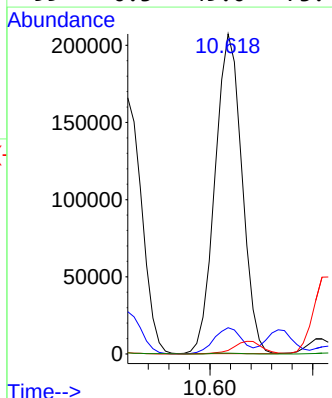
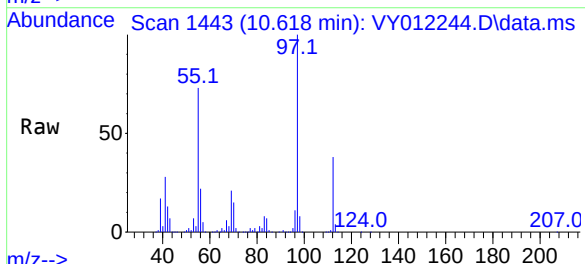
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

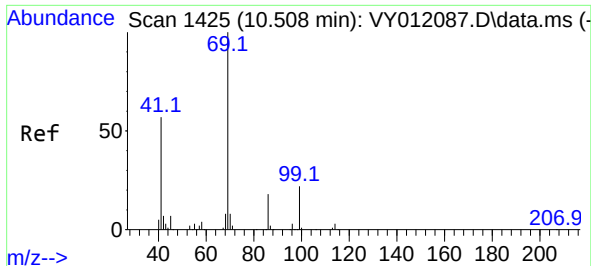
Tgt Ion: 92 Resp: 772239
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 217.819 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 97 Resp: 375842
Ion Ratio Lower Upper
97 100
83 8.1 67.7 101.5#
85 1.1 43.8 65.8#
99 0.3 49.0 73.4#

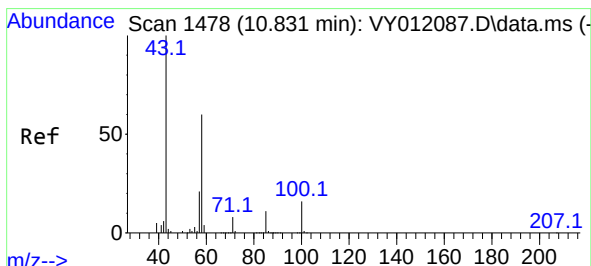
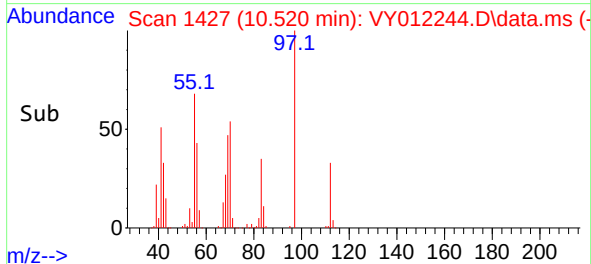
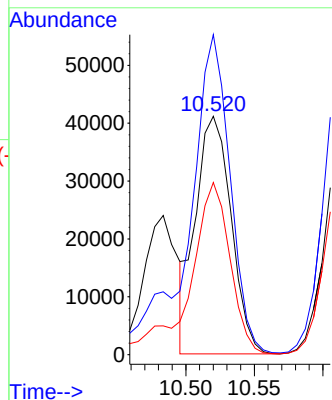
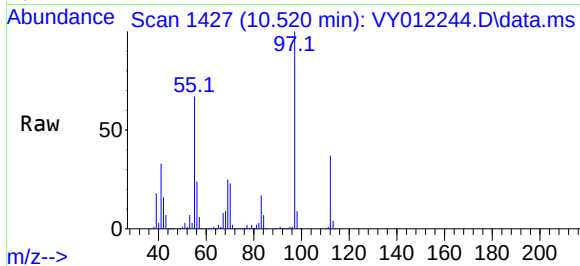




#56
Ethyl methacrylate
Concen: 32.643 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

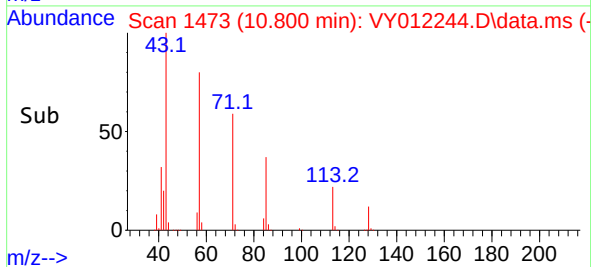
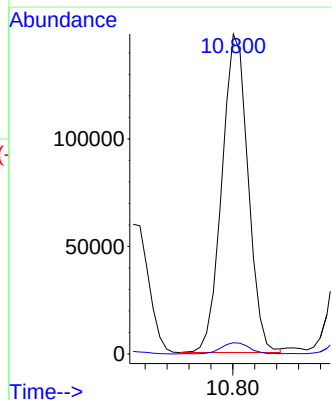
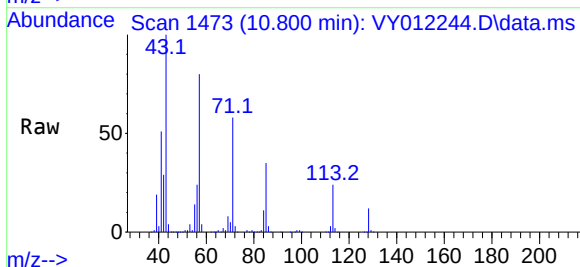
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

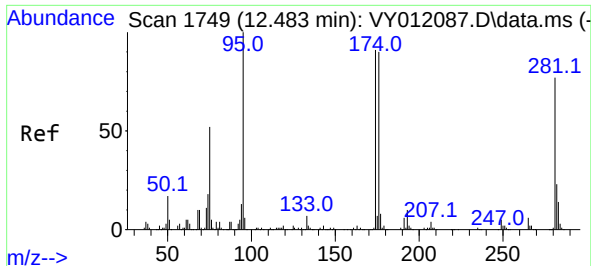
Tgt Ion: 69 Resp: 73894
Ion Ratio Lower Upper
69 100
41 159.2 48.9 73.3#
39 83.6 25.9 38.9#



#59
2-Hexanone
Concen: 244.669 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 43 Resp: 245398
Ion Ratio Lower Upper
43 100
58 3.9 28.4 85.2#

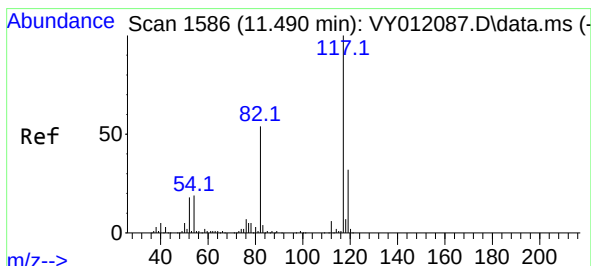
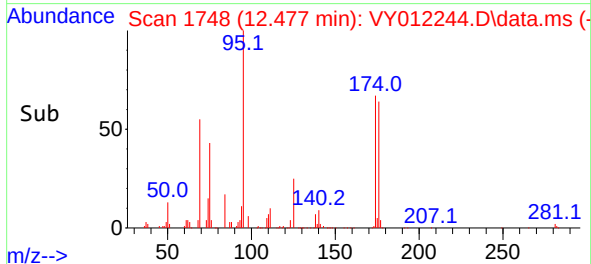
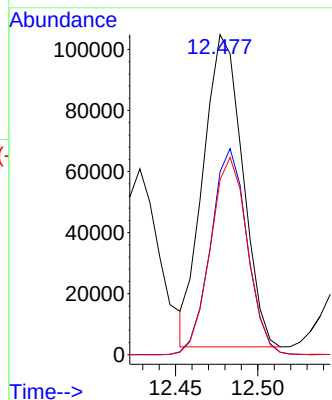
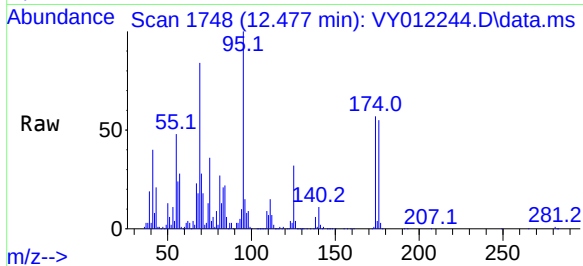




#62
4-Bromofluorobenzene
Concen: 68.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

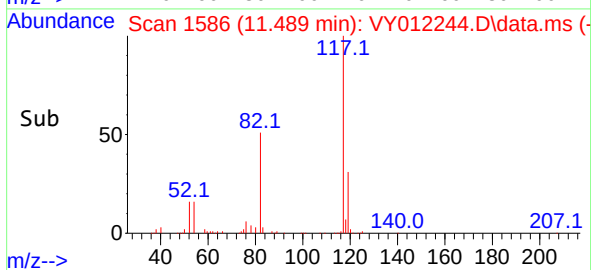
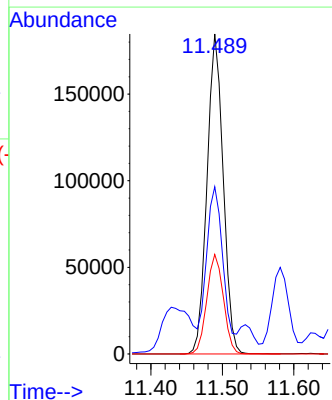
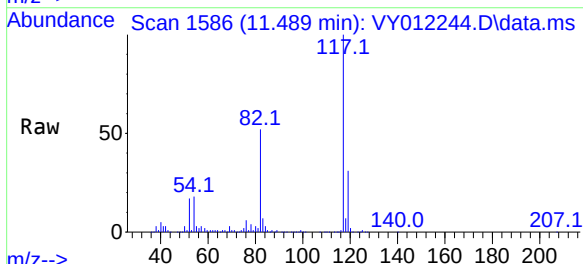
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

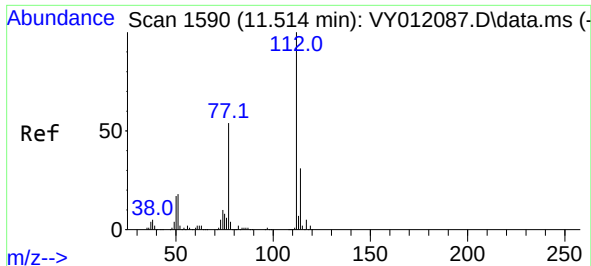
Tgt Ion: 95 Resp: 169971
Ion Ratio Lower Upper
95 100
174 61.3 0.0 172.0
176 59.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 117 Resp: 289982
Ion Ratio Lower Upper
117 100
82 38.8 44.8 67.2#
119 31.1 25.4 38.2

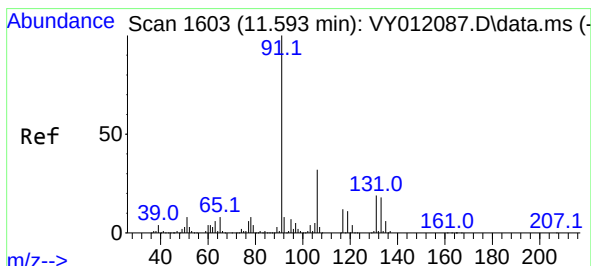
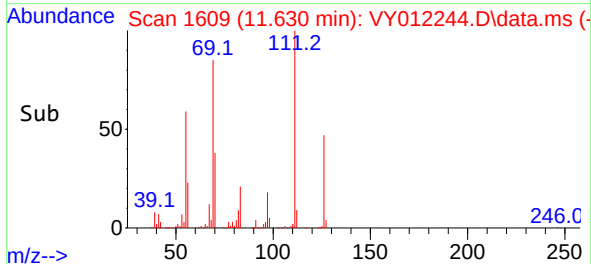
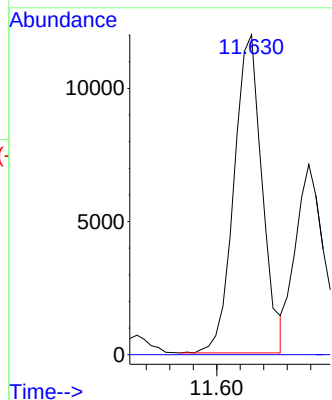
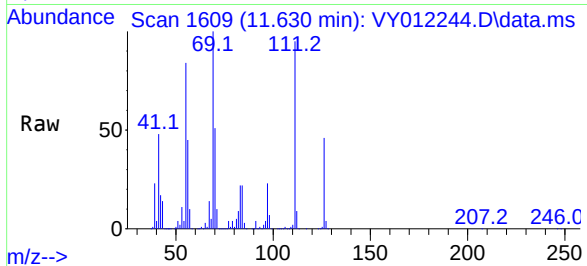




#65
Chlorobenzene
Concen: 3.357 ug/l
RT: 11.630 min Scan# 1109
Delta R.T. 0.116 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

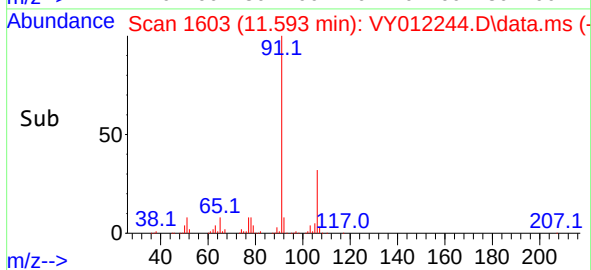
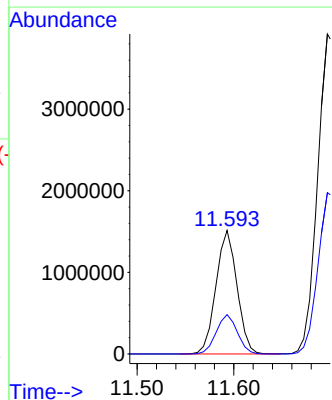
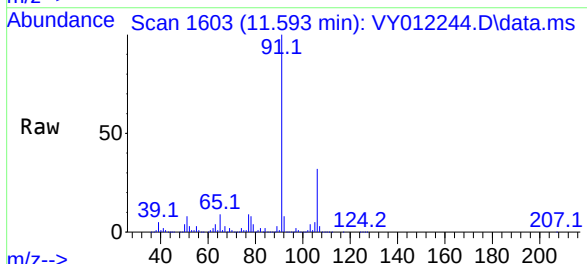
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

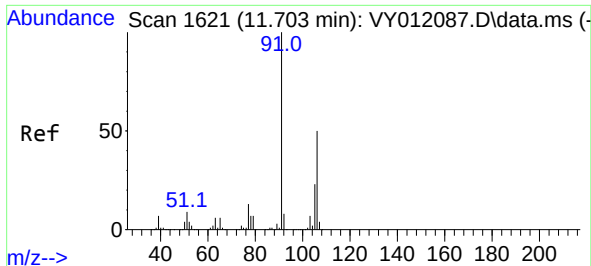
Tgt Ion:112 Resp: 19917
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#



#67
Ethyl Benzene
Concen: 214.959 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 91 Resp: 2279373
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

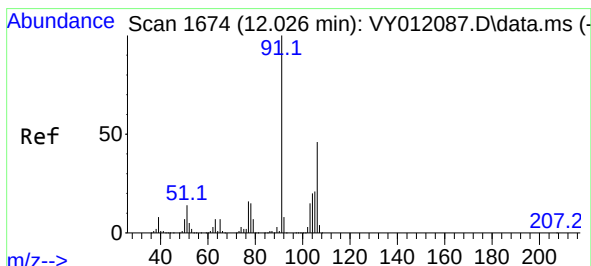
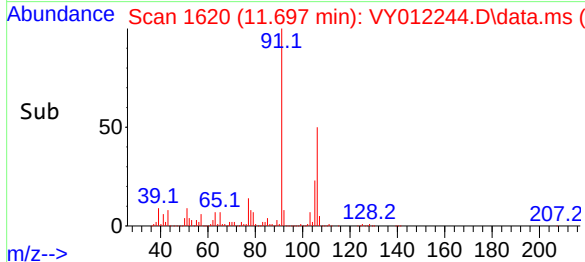
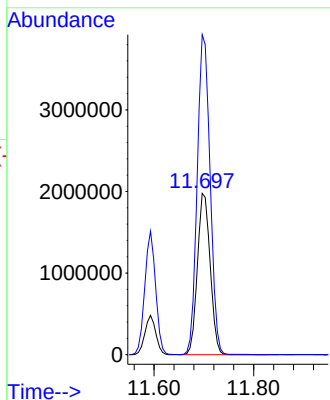
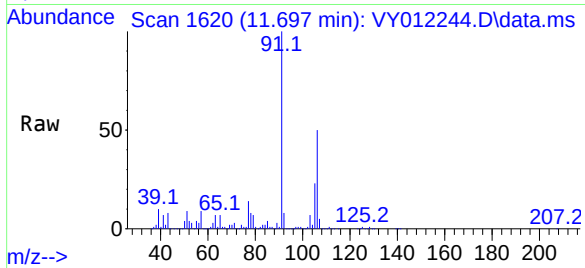




#68
m/p-Xylenes
Concen: 836.451 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

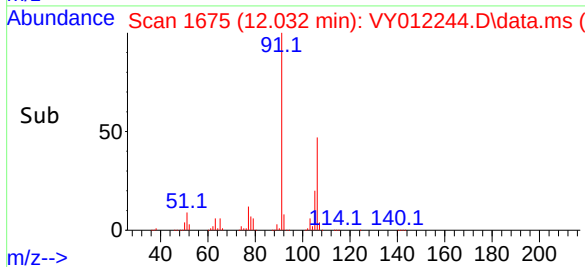
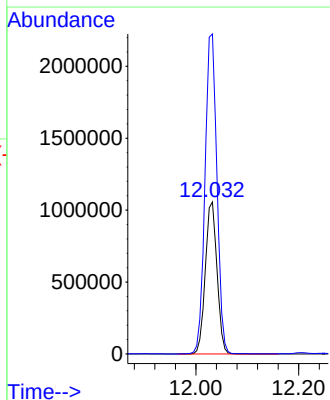
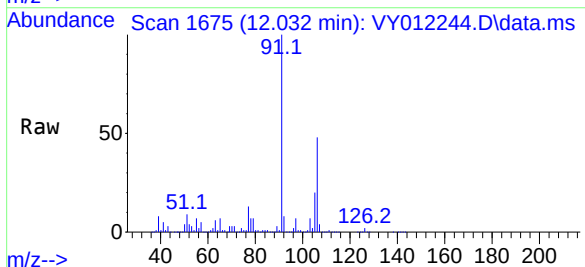
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

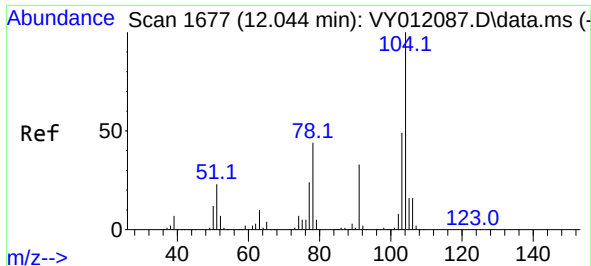
Tgt Ion:106 Resp: 3506871
Ion Ratio Lower Upper
106 100
91 200.1 162.5 243.7



#69
o-Xylene
Concen: 415.129 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion:106 Resp: 1662397
Ion Ratio Lower Upper
106 100
91 215.2 107.5 322.4

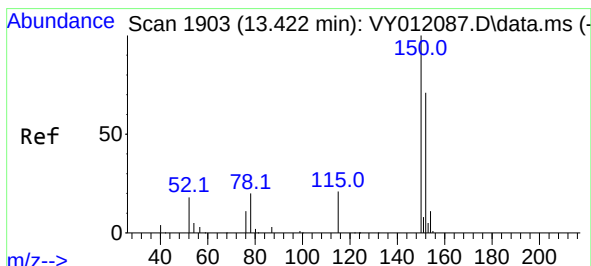
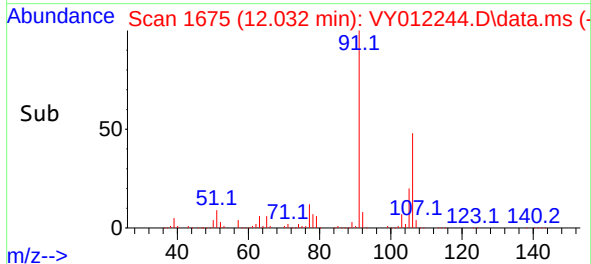
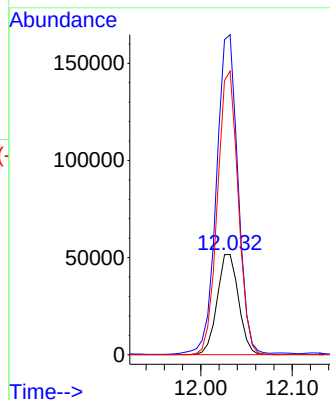
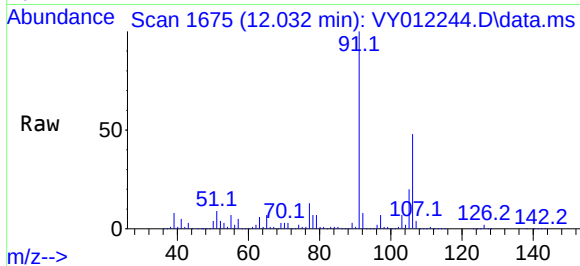




#70
Styrene
Concen: 12.554 ug/l
RT: 12.032 min Scan# 104
Delta R.T. -0.012 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

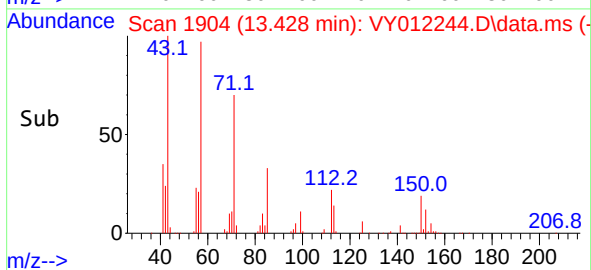
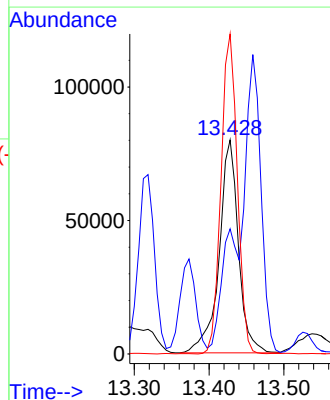
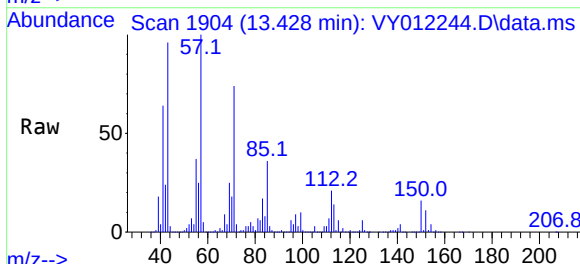
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

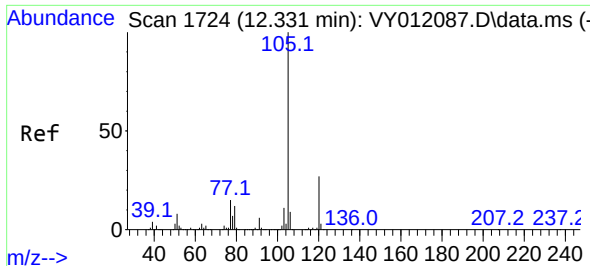
Tgt Ion:104 Resp: 83996
Ion Ratio Lower Upper
104 100
78 320.7 39.4 59.0#
103 274.5 43.0 64.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion:152 Resp: 143312
Ion Ratio Lower Upper
152 100
115 51.5 29.1 87.3
150 127.3 0.0 342.6

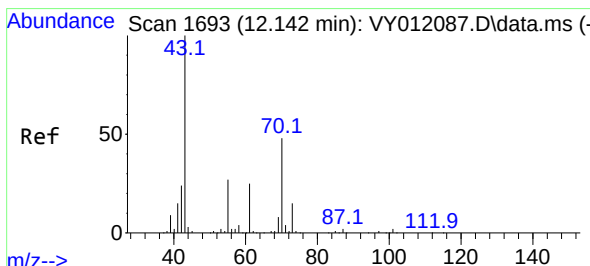
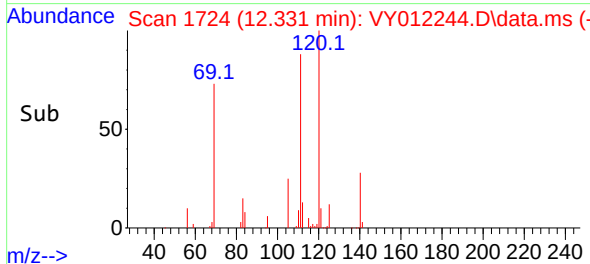
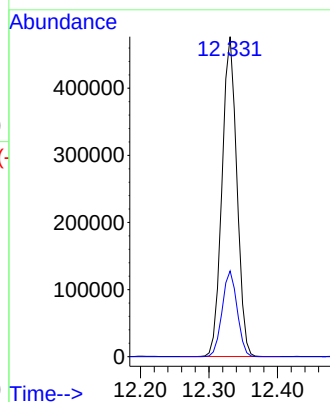
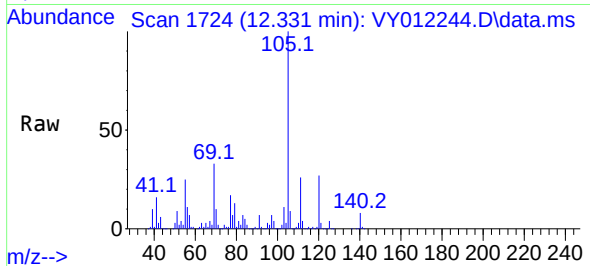




#73
Isopropylbenzene
Concen: 69.068 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

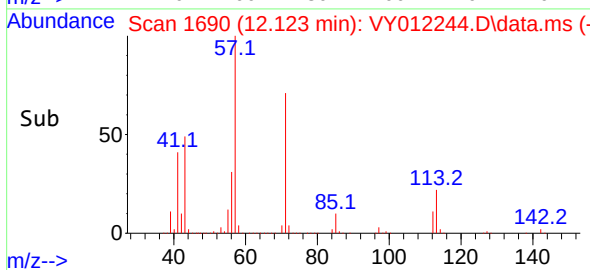
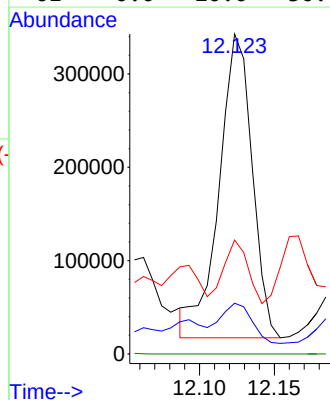
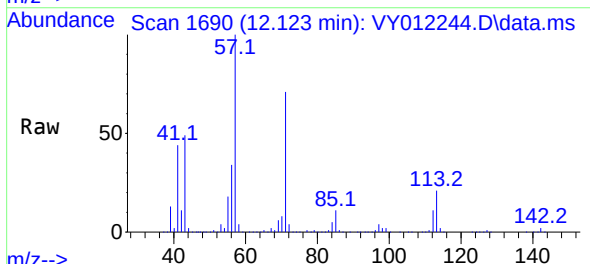
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

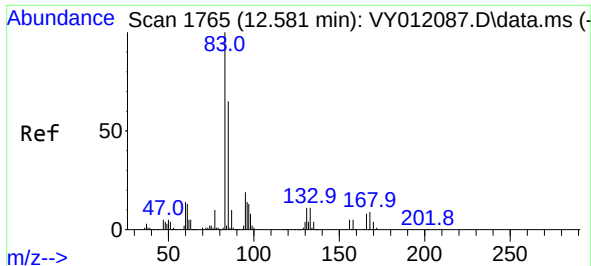
Tgt Ion:105 Resp: 713760
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 247.620 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.019 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 43 Resp: 501619
Ion Ratio Lower Upper
43 100
70 12.4 35.8 53.8#
55 14.9 21.0 31.4#
61 0.0 20.0 30.0#

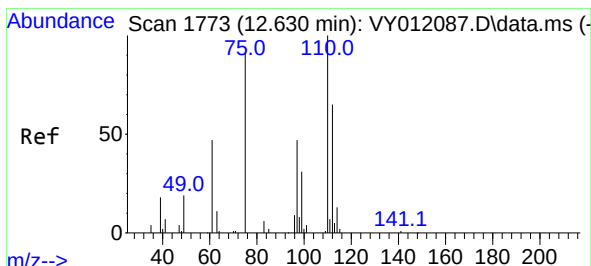
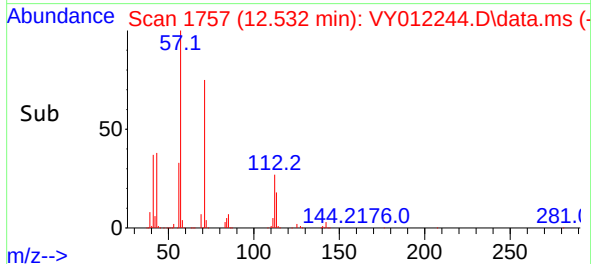
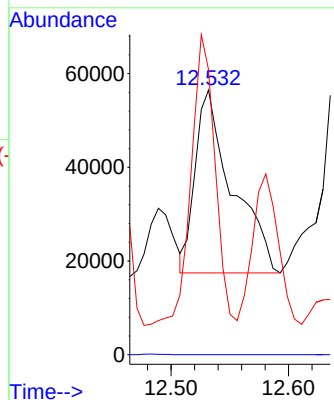
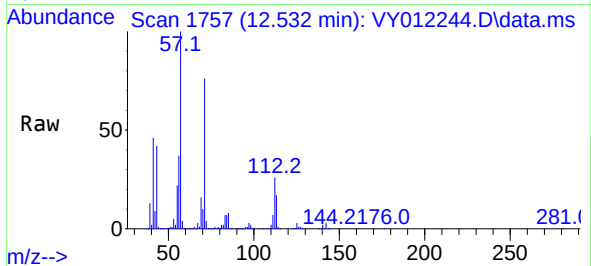




#75
1,1,2,2-Tetrachloroethane
Concen: 52.748 ug/l
RT: 12.532 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

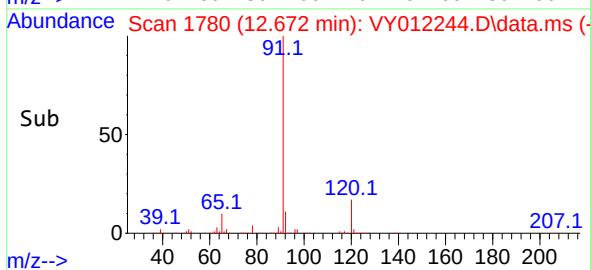
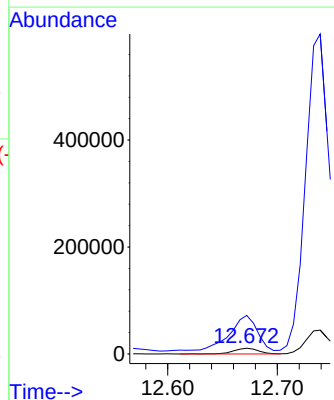
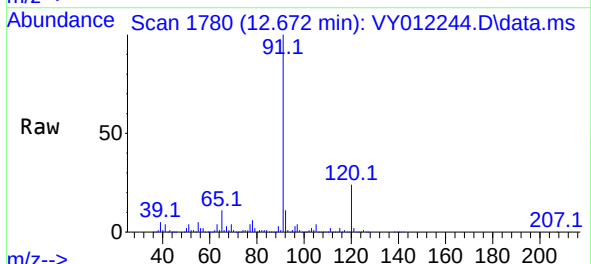
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

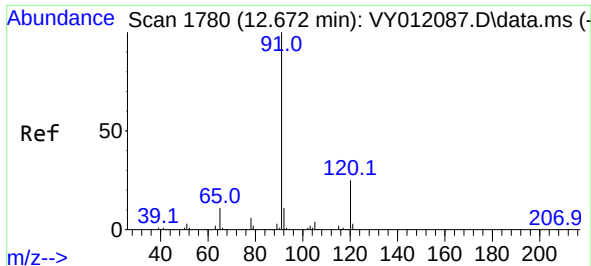
Tgt Ion: 83 Resp: 85860
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 100.5 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 12.323 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.042 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 75 Resp: 16239
Ion Ratio Lower Upper
75 100
77 715.4 0.0 0.0#

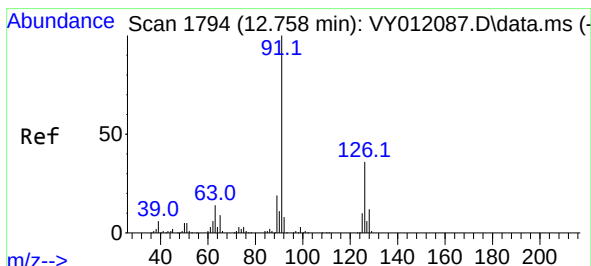
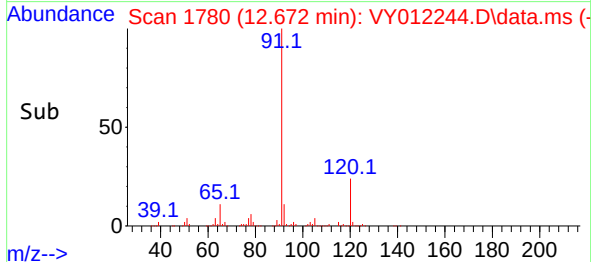
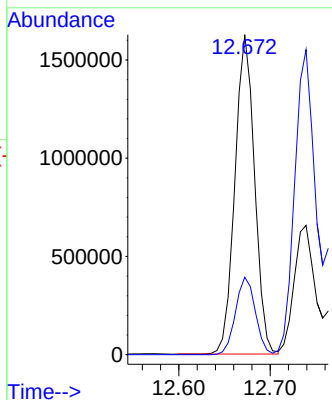
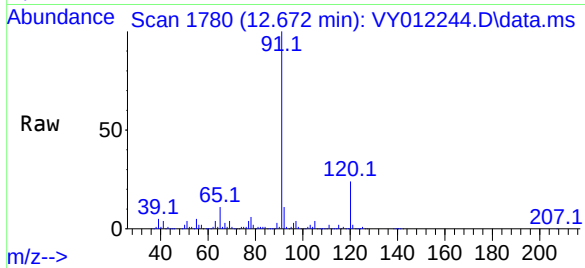




#78
n-propylbenzene
Concen: 200.706 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

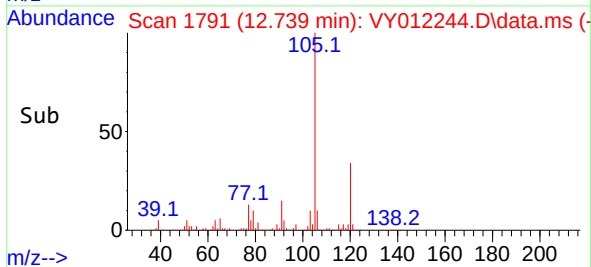
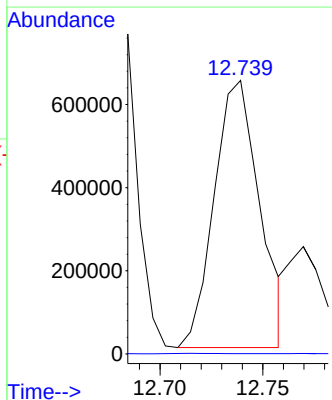
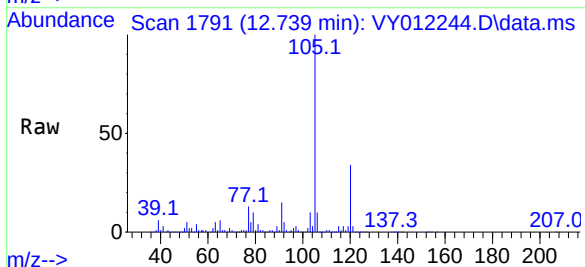
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

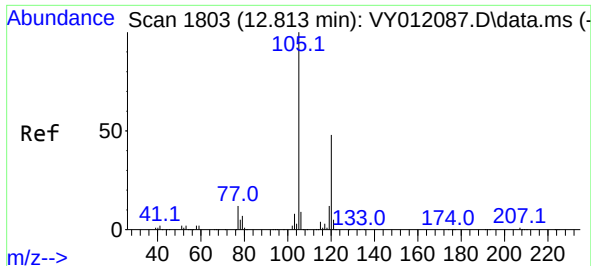
Tgt Ion: 91 Resp: 2427090
Ion Ratio Lower Upper
91 100
120 24.4 11.8 35.4



#79
2-Chlorotoluene
Concen: 144.957 ug/l
RT: 12.739 min Scan# 1791
Delta R.T. -0.019 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 91 Resp: 991106
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#

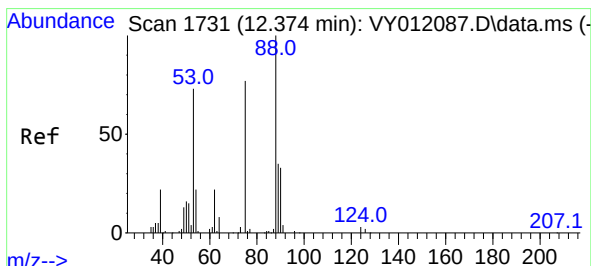
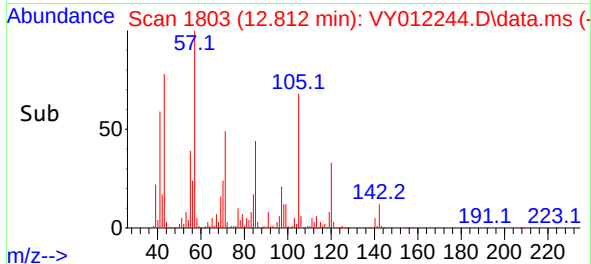
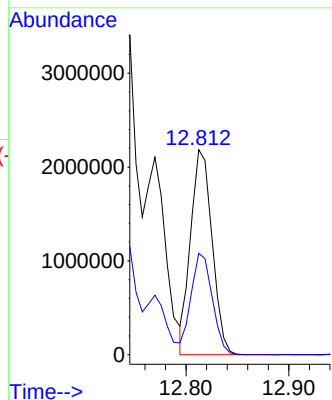
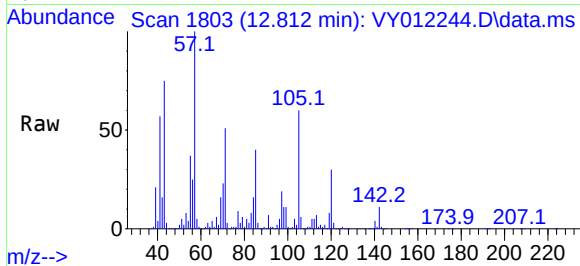




#80
1,3,5-Trimethylbenzene
Concen: 352.387 ug/l
RT: 12.812 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

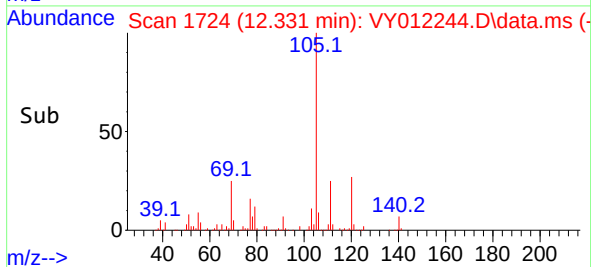
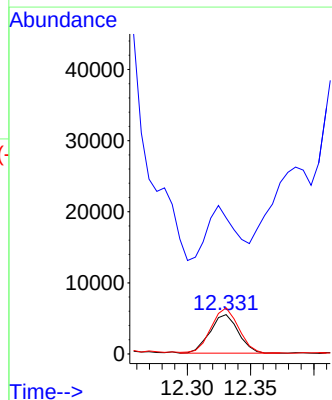
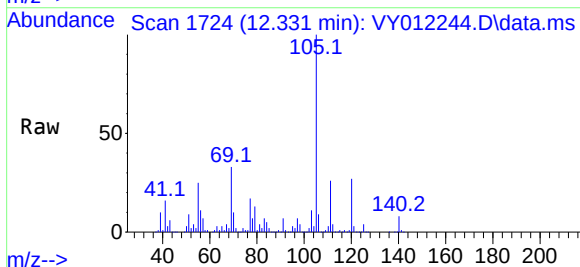
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

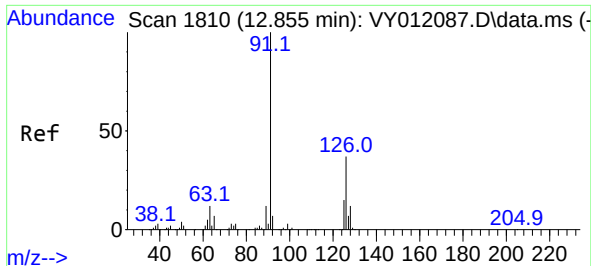
Tgt Ion:105 Resp: 3165700
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6



#81
trans-1,4-Dichloro-2-butene
Concen: 13.298 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.043 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 75 Resp: 8505
Ion Ratio Lower Upper
75 100
53 139.7 72.5 108.7#
89 114.3 37.0 55.4#

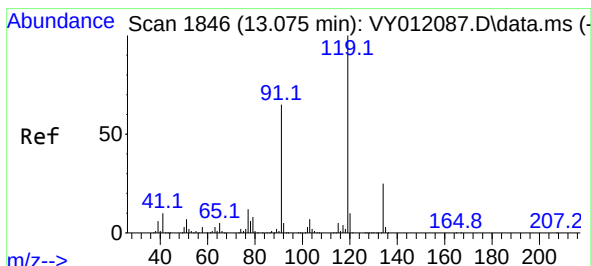
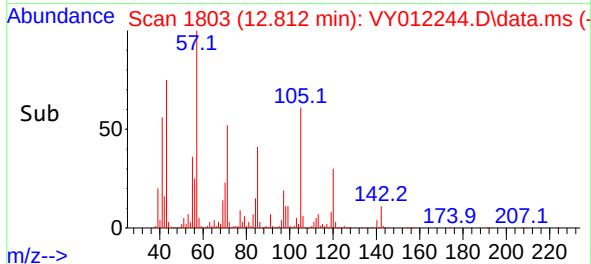
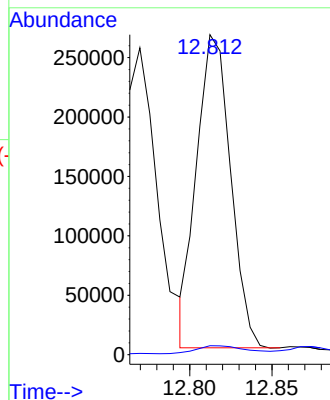
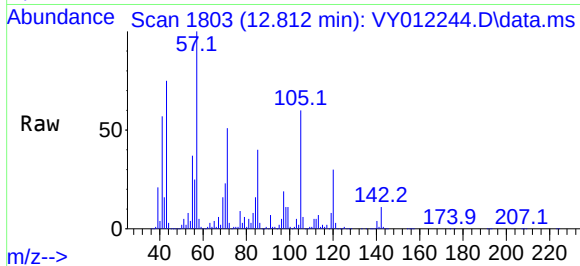




#82
4-Chlorotoluene
Concen: 52.499 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

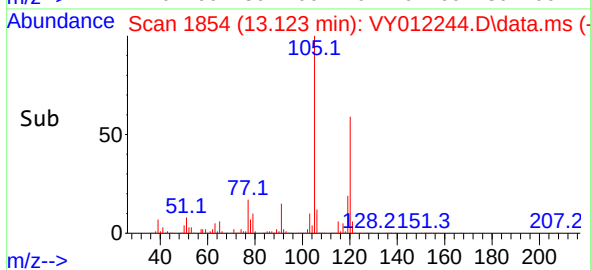
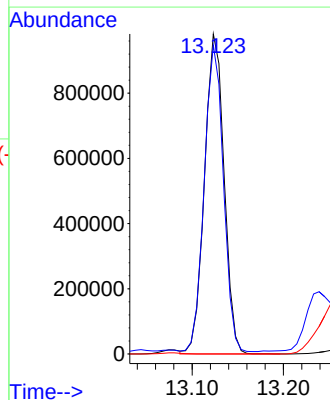
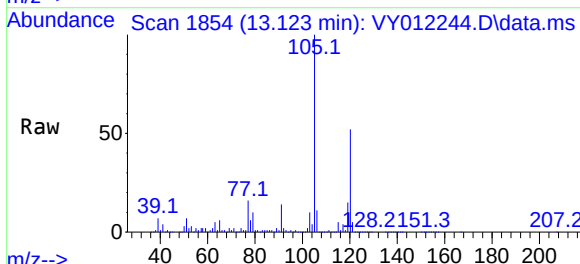
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

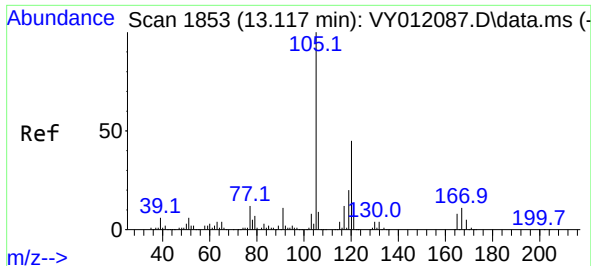
Tgt Ion: 91 Resp: 377048
Ion Ratio Lower Upper
91 100
126 3.8 17.1 51.2#



#83
tert-Butylbenzene
Concen: 185.946 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.048 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 119 Resp: 1455917
Ion Ratio Lower Upper
119 100
91 93.7 32.3 96.8
134 0.0 13.0 39.0#

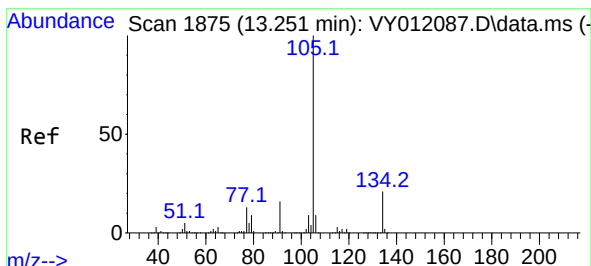
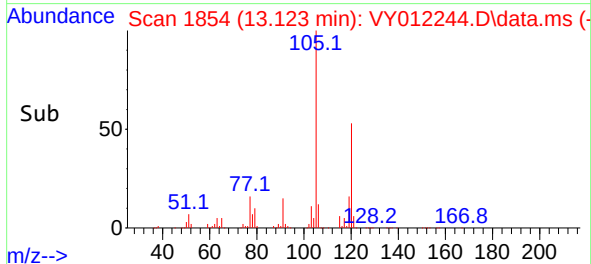
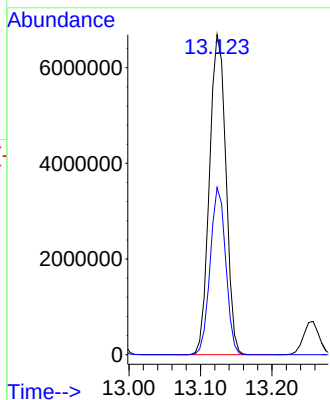
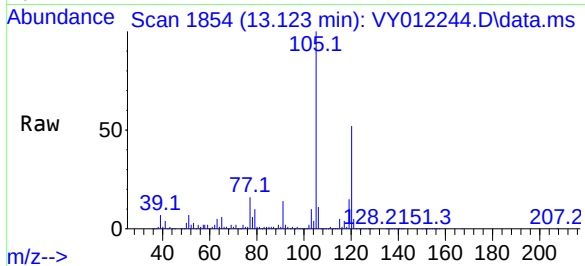




#84
1,2,4-Trimethylbenzene
Concen: 1204.819 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

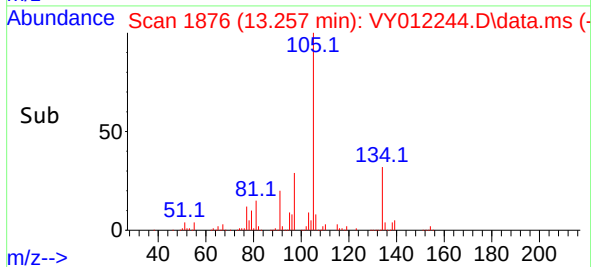
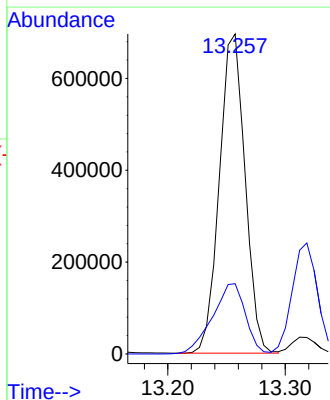
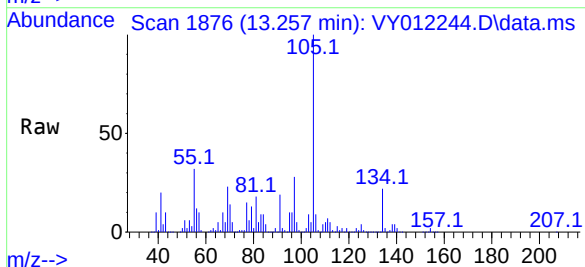
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

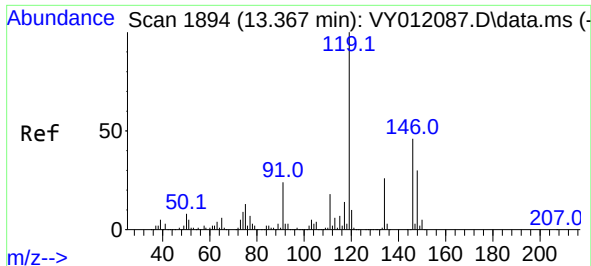
Tgt Ion:105 Resp:10674054
Ion Ratio Lower Upper
105 100
120 49.2 22.9 68.7



#85
sec-Butylbenzene
Concen: 94.739 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion:105 Resp: 1056128
Ion Ratio Lower Upper
105 100
134 28.4 10.1 30.3

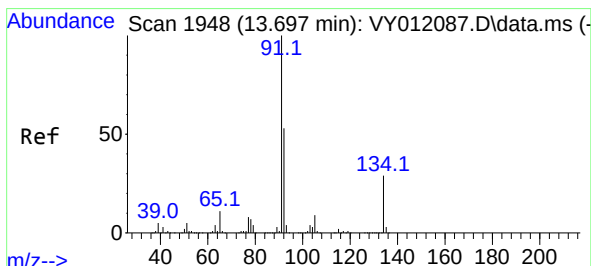
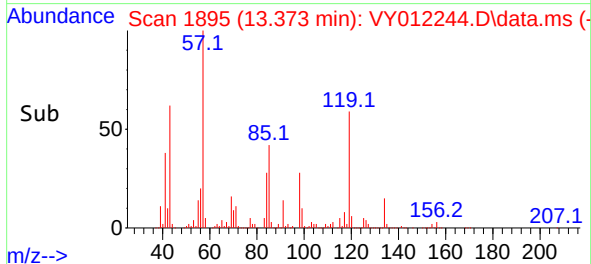
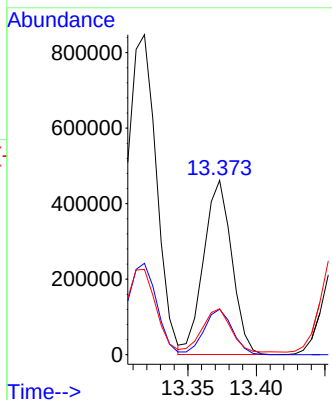
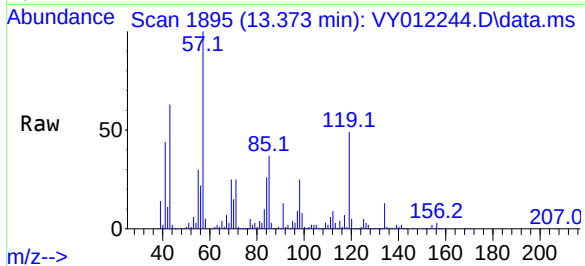




#86
p-Isopropyltoluene
Concen: 67.998 ug/l
RT: 13.373 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

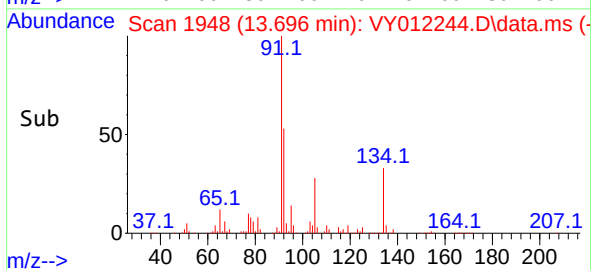
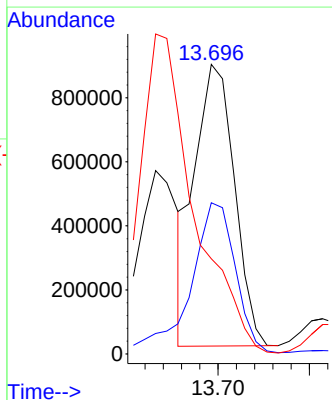
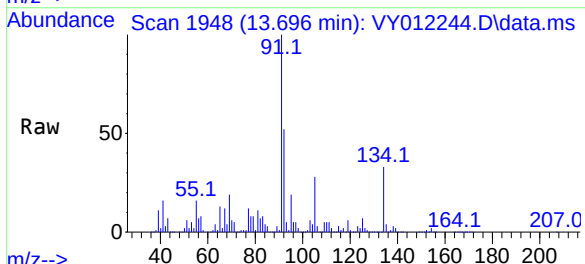
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

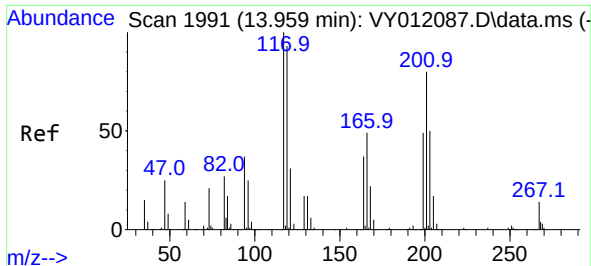
Tgt Ion:119 Resp: 662285
Ion Ratio Lower Upper
119 100
134 26.1 13.0 39.0
91 24.8 11.9 35.9



#89
n-Butylbenzene
Concen: 157.829 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 91 Resp: 1332166
Ion Ratio Lower Upper
91 100
92 60.0 26.8 80.4
134 0.0 13.3 39.8#

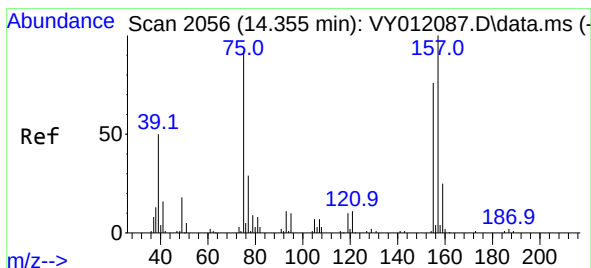
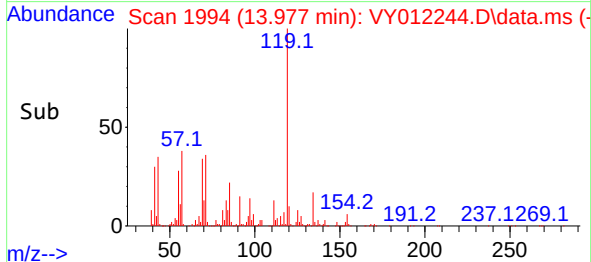
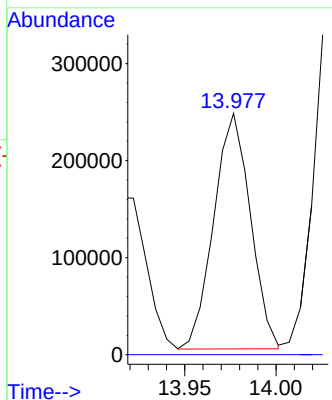
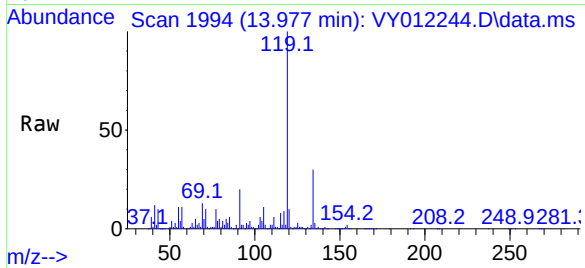




#90
Hexachloroethane
Concen: 192.597 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

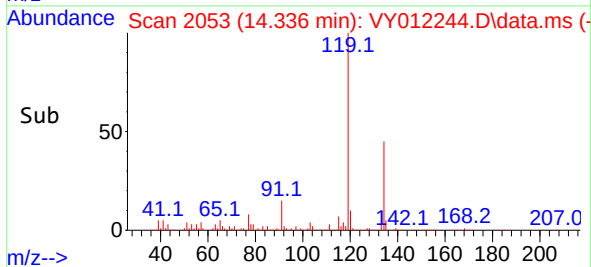
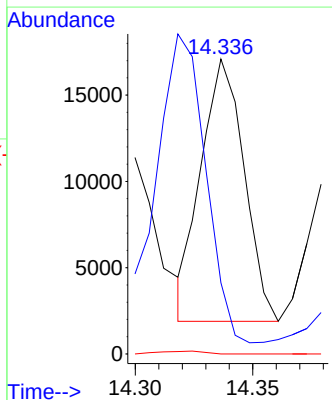
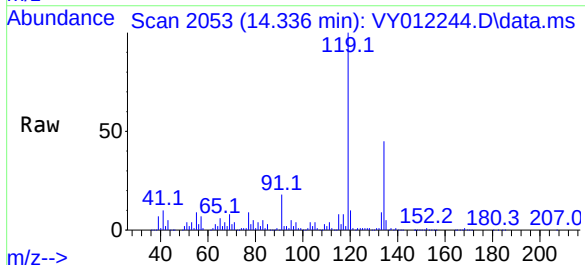
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

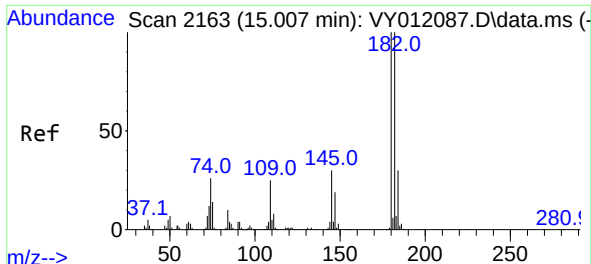
Tgt Ion:117 Resp: 338644
Ion Ratio Lower Upper
117 100
201 0.0 40.3 120.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.624 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.019 min
Lab File: VY012244.D
Acq: 18 Jan 2023 14:21

Tgt Ion: 75 Resp: 19384
Ion Ratio Lower Upper
75 100
155 127.5 42.3 126.8#
157 1.1 54.4 163.3#





#93

1,2,4-Trichlorobenzene

Concen: 1.658 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

Instrument :

MSVOA_Y

ClientSampleId :

PE-2

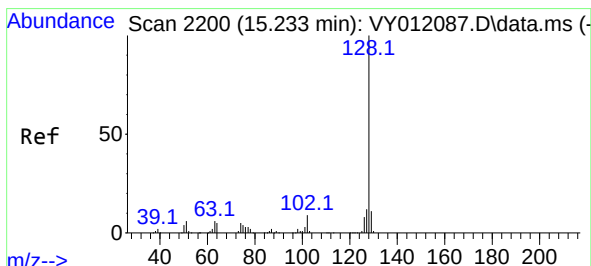
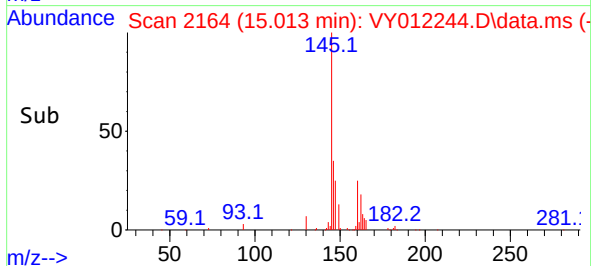
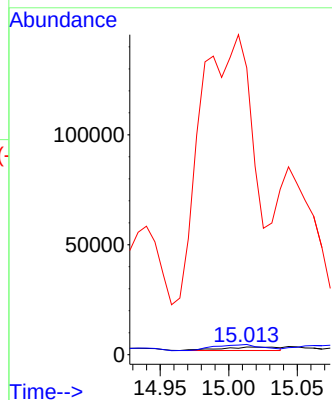
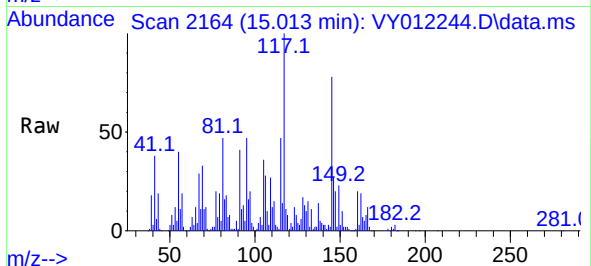
Tgt Ion:180 Resp: 4687

Ion Ratio Lower Upper

180 100

182 171.6 48.1 144.3#

145 0.0 15.4 46.4#



#95

Naphthalene

Concen: 161.961 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY012244.D

Acq: 18 Jan 2023 14:21

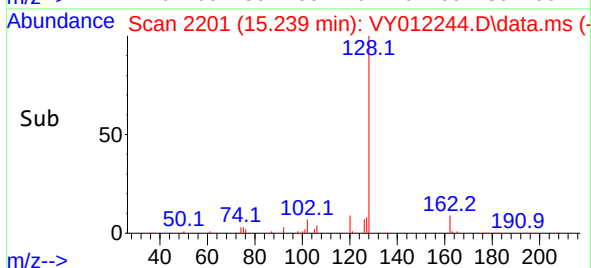
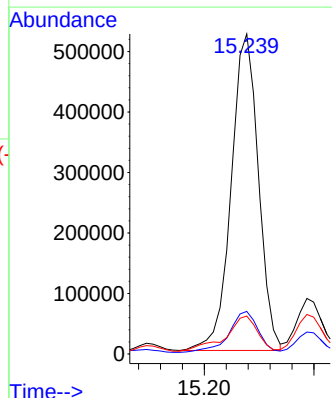
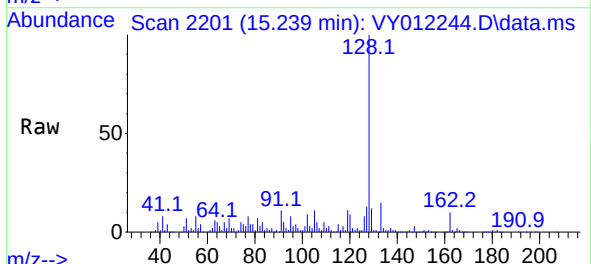
Tgt Ion:128 Resp: 903919

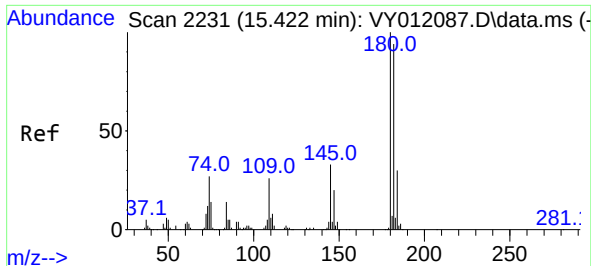
Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

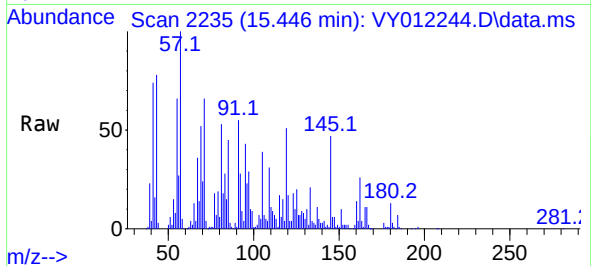
129 13.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 5.952 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY012244.D
 Acq: 18 Jan 2023 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2



Tgt Ion:180 Resp: 14482
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 16.1 48.2#

