

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007604.D
 Acq On : 23 Feb 2022 17:43
 Operator : SY/MD
 Sample : N1584-07
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D13-7.5

Quant Time: Feb 24 08:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	41739	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	74989	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.490	117	77056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39346	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34803	74.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.900%			
35) Dibromofluoromethane	7.716	113	27495	58.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.220%			
50) Toluene-d8	10.179	98	152844	84.484	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 168.960%#			
62) 4-Bromofluorobenzene	12.477	95	67591	112.971	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 225.940%#			
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	304	1.341	ug/l	# 57
5) Bromomethane	2.656	94	419	Below Cal		# 54
11) Tert butyl alcohol	4.948	59	1321	28.247	ug/l	# 77
13) Acrolein	3.686	56	9956	166.599	ug/l	# 1
14) Allyl chloride	4.570	41	29857	68.501	ug/l	# 64
15) Acrylonitrile	5.241	53	175202	1685.655	ug/l	# 38
16) Acetone	3.936	43	181654	1717.807	ug/l	# 61
17) Carbon Disulfide	4.192	76	8471	7.230	ug/l	# 91
19) Methyl tert-butyl Ether	5.222	73	2432	1.919	ug/l	# 1
20) Methylene Chloride	4.710	84	5175	8.057	ug/l	# 1
23) Vinyl Acetate	6.094	43	16425	24.859	ug/l	# 87
24) 1,1-Dichloroethane	6.039	63	1947	2.784	ug/l	# 82
25) 2-Butanone	6.984	43	41067	342.537	ug/l	# 61
26) 2,2-Dichloropropane	6.795	77	13550	17.254	ug/l	# 55
28) Bromochloromethane	7.478	49	900	3.775	ug/l	# 16
29) Tetrahydrofuran	7.356	42	6316	90.519	ug/l	# 38
30) Chloroform	7.466	83	229167	255.956	ug/l	# 18
31) Cyclohexane	7.777	56	1017799	2221.667	ug/l	# 57
36) 1,1-Dichloropropene	7.893	75	1622	2.379	ug/l	# 1
37) Ethyl Acetate	6.984	43	41067	133.782	ug/l	# 82
38) Carbon Tetrachloride	7.789	117	6269	6.278	ug/l	# 13
39) Methylcyclohexane	9.185	83	1327362	1772.464	ug/l	# 86
40) Benzene	8.161	78	37290	19.168	ug/l	# 98
41) Methacrylonitrile	7.350	41	51157	302.174	ug/l	# 80
42) 1,2-Dichloroethane	8.289	62	8370	11.745	ug/l	# 1
43) Isopropyl Acetate	8.277	43	299078	476.988	ug/l	# 57
45) 1,2-Dichloropropane	9.191	63	55693	134.516	ug/l	# 1
46) Dibromomethane	9.325	93	687	1.935	ug/l	# 1
47) Bromodichloromethane	9.484	83	227853	284.969	ug/l	# 25
48) Methyl methacrylate	9.325	41	252602	955.312	ug/l	# 43
51) 4-Methyl-2-Pentanone	10.118	43	342450	1085.194	ug/l	# 71
52) Toluene	10.246	92	1381392	1041.011	ug/l	# 96
53) t-1,3-Dichloropropene	10.380	75	2640	3.291	ug/l	# 1
55) 1,1,2-Trichloroethane	10.618	97	451538	987.488	ug/l	# 19
56) Ethyl methacrylate	10.526	69	26896	49.907	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.764	63	56589	215.784	ug/l	# 48

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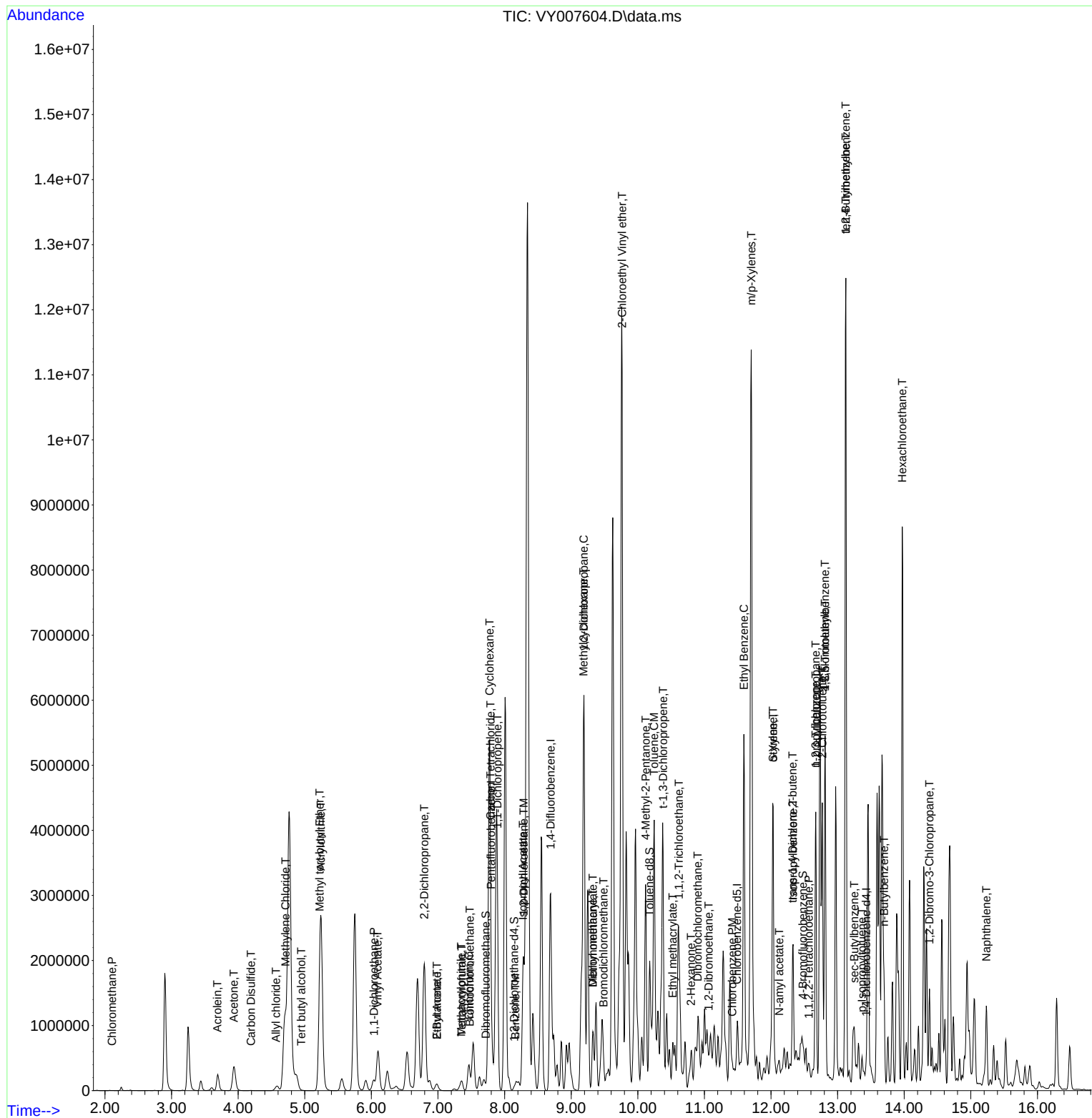
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
59) 2-Hexanone	10.801	43	164166	729.966	ug/l	#	35
60) Dibromochloromethane	10.898	129	1633	2.640	ug/l	#	11
61) 1,2-Dibromoethane	11.063	107	3102	6.742	ug/l	#	1
65) Chlorobenzene	11.416	112	2369	1.410	ug/l	#	57
67) Ethyl Benzene	11.593	91	2761236	980.232	ug/l		97
68) m/p-Xylenes	11.703	106	2436022	2208.174	ug/l		80
69) o-Xylene	12.032	106	890815	821.048	ug/l		90
70) Styrene	12.032	104	48152	26.531	ug/l	#	1
73) Isopropylbenzene	12.331	105	1163338	383.844	ug/l		99
74) N-amyl acetate	12.124	43	58676	99.413	ug/l	#	66
75) 1,1,2,2-Tetrachloroethane	12.569	83	4916	8.946	ug/l	#	1
76) 1,2,3-Trichloropropane	12.672	75	28618	72.724	ug/l	#	100
78) n-propylbenzene	12.672	91	2719998	777.066	ug/l		99
79) 2-Chlorotoluene	12.770	91	290124	148.885	ug/l	#	41
80) 1,3,5-Trimethylbenzene	12.813	105	2244141	870.410	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.325	75	21524	117.606	ug/l	#	56
82) 4-Chlorotoluene	12.813	91	357994	180.148	ug/l	#	41
83) tert-Butylbenzene	13.123	119	620055	269.118	ug/l	#	10
84) 1,2,4-Trimethylbenzene	13.123	105	5696040	2254.018	ug/l		93
85) sec-Butylbenzene	13.251	105	427351	131.263	ug/l	#	53
86) p-Isopropyltoluene	13.367	119	134011	47.897	ug/l		89
89) n-Butylbenzene	13.696	91	756399	300.263	ug/l	#	79
90) Hexachloroethane	13.971	117	402516	713.730	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.379	75	5754	52.058	ug/l	#	6
95) Naphthalene	15.233	128	856806	429.409	ug/l		99

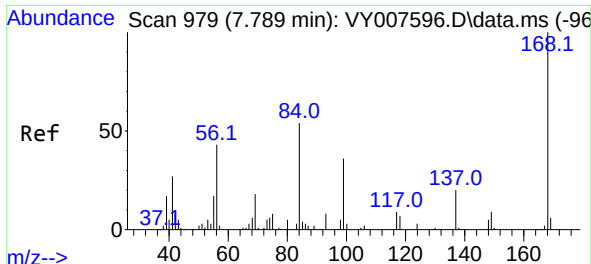
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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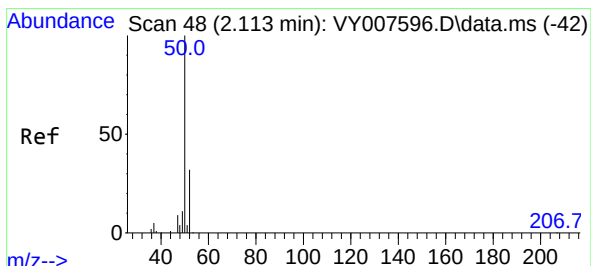
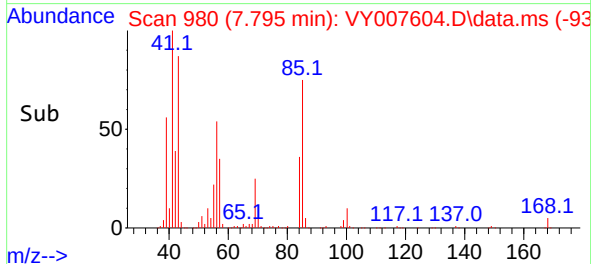
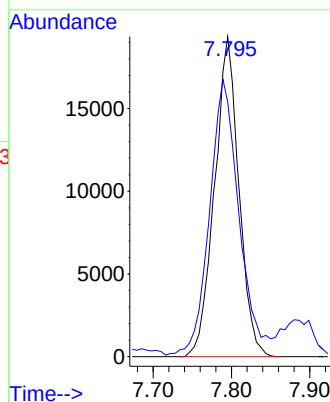
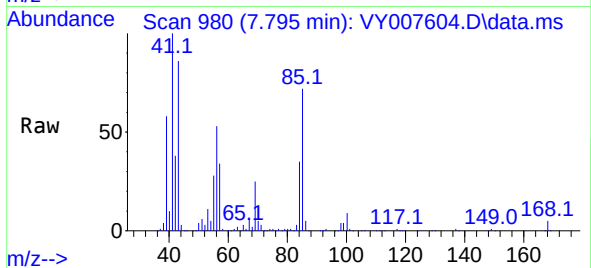




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

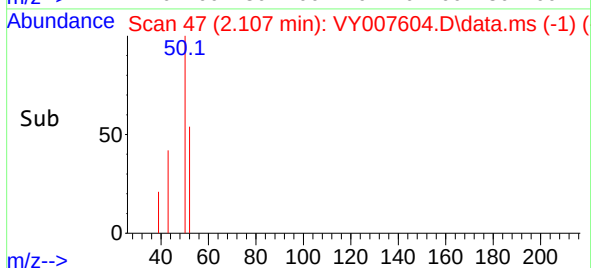
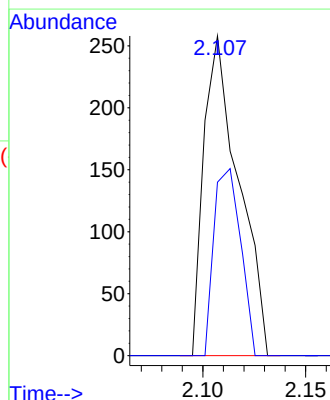
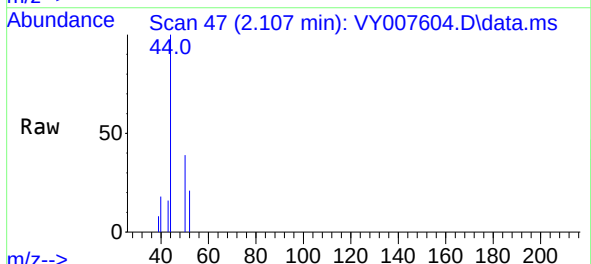
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

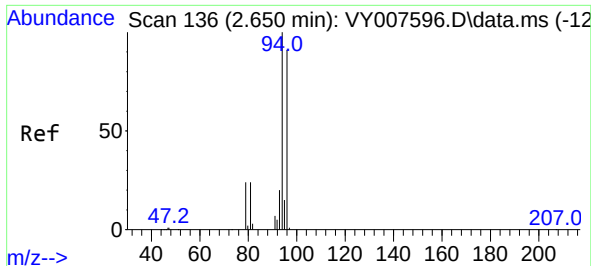
Tgt Ion:168 Resp: 41739
Ion Ratio Lower Upper
168 100
99 77.4 46.9 70.3#



#3
Chloromethane
Concen: 1.341 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 54.3 24.6 37.0#

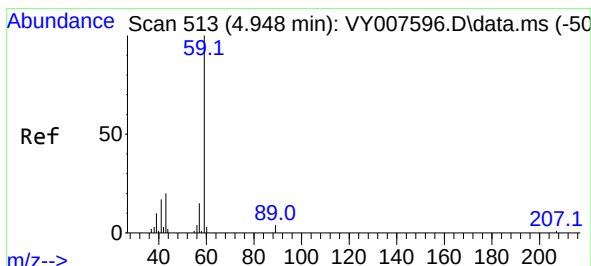
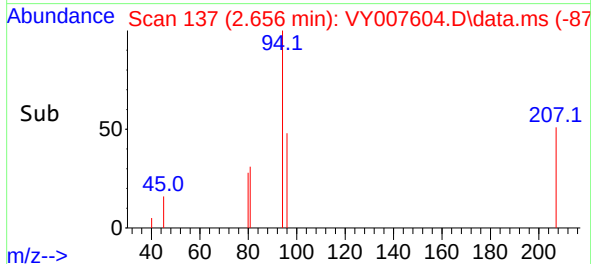
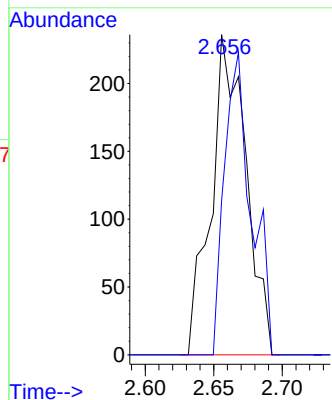
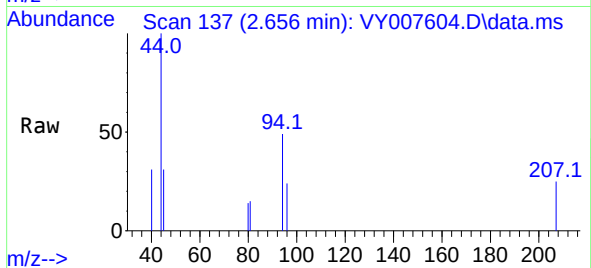




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

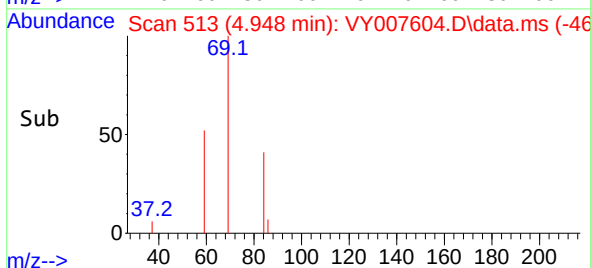
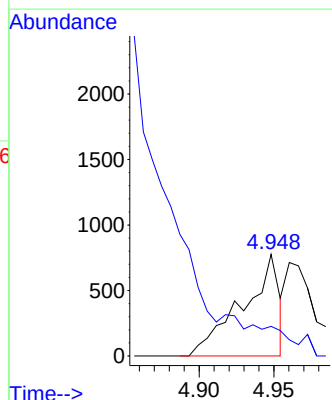
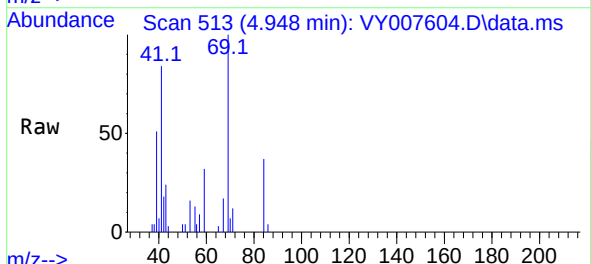
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

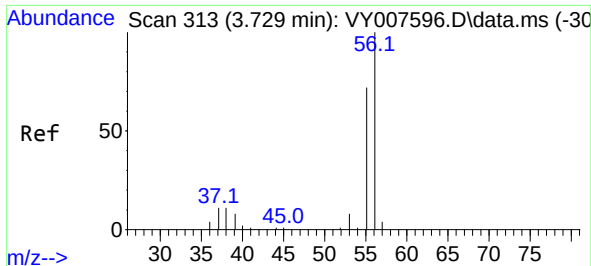
Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 48.3 73.5 110.3#



#11
Tert butyl alcohol
Concen: 28.247 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 59 Resp: 1321
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 166.599 ug/l

RT: 3.686 min Scan# 306

Delta R.T. -0.043 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

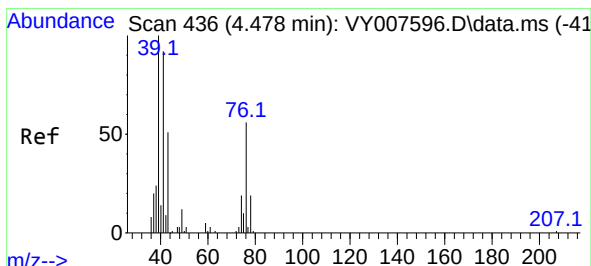
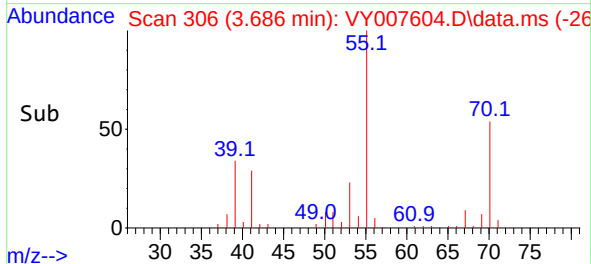
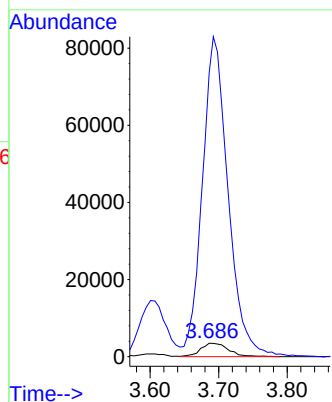
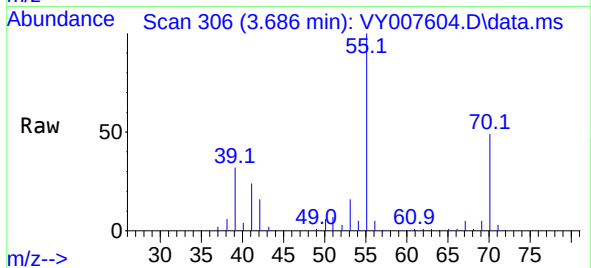
D13-7.5

Tgt Ion: 56 Resp: 9956

Ion Ratio Lower Upper

56 100

55 2191.3 57.6 86.4#



#14

Allyl chloride

Concen: 68.501 ug/l

RT: 4.570 min Scan# 451

Delta R.T. 0.092 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

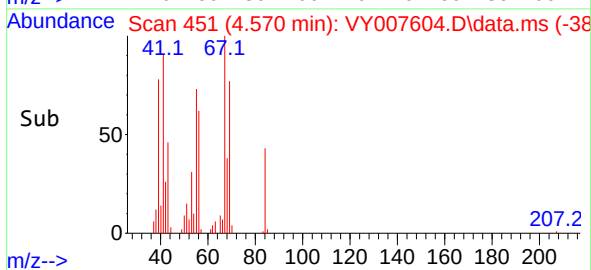
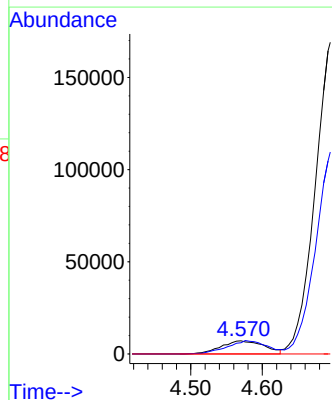
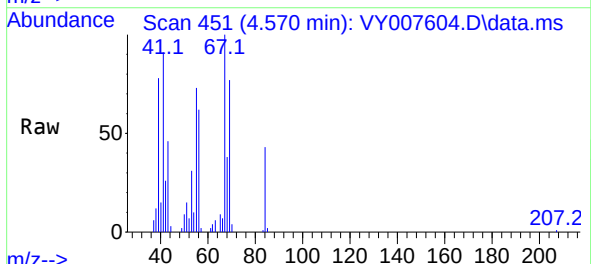
Tgt Ion: 41 Resp: 29857

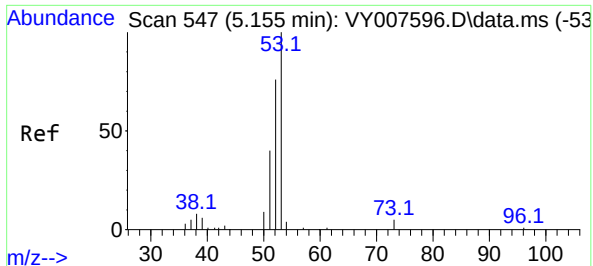
Ion Ratio Lower Upper

41 100

39 95.8 58.8 88.2#

76 0.0 25.1 37.7#

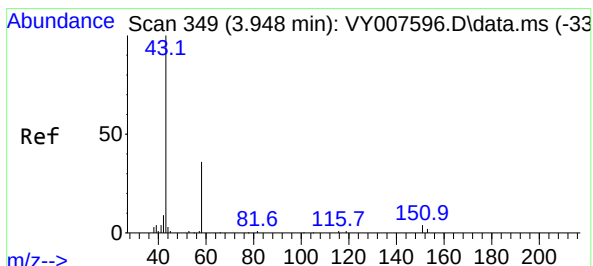
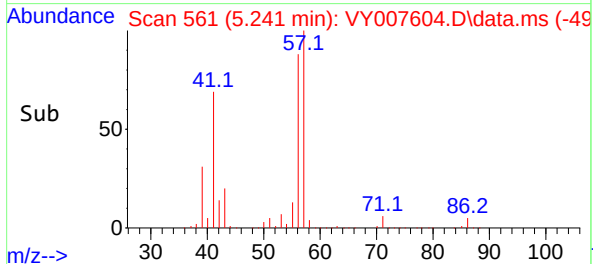
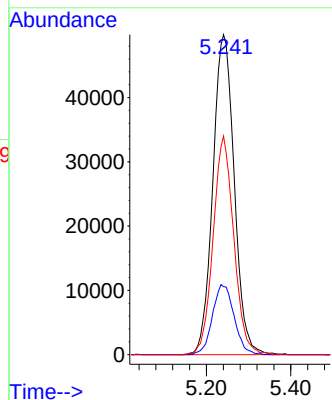
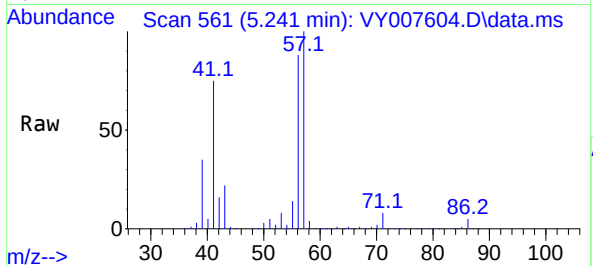




#15
Acrylonitrile
Concen: 1685.655 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.086 min
Lab File: VY007604.D
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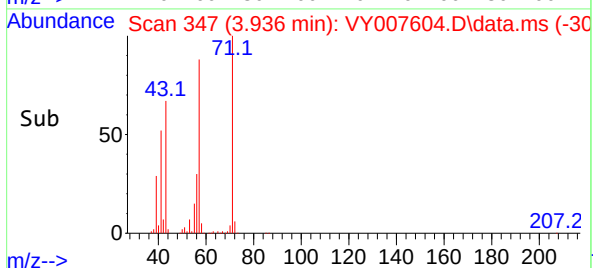
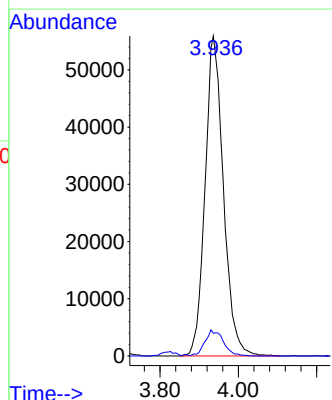
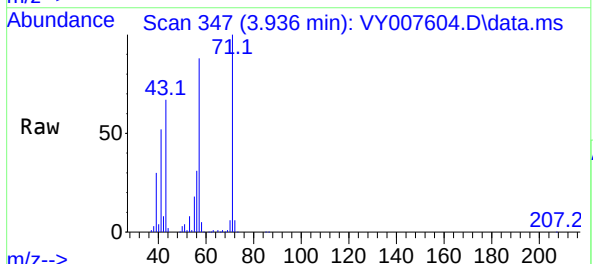
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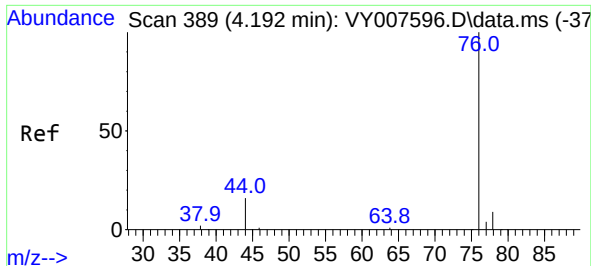
Tgt Ion: 53 Resp: 175202
Ion Ratio Lower Upper
53 100
52 22.1 67.0 100.4#
51 65.9 29.8 44.6#



#16
Acetone
Concen: 1717.807 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 181654
Ion Ratio Lower Upper
43 100
58 7.1 22.0 33.0#

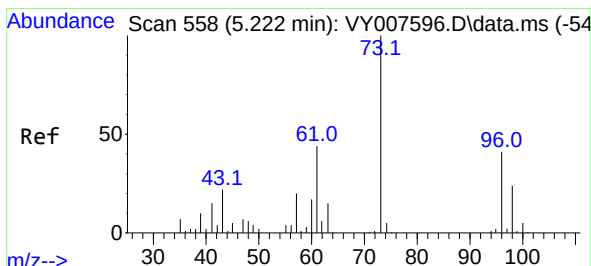
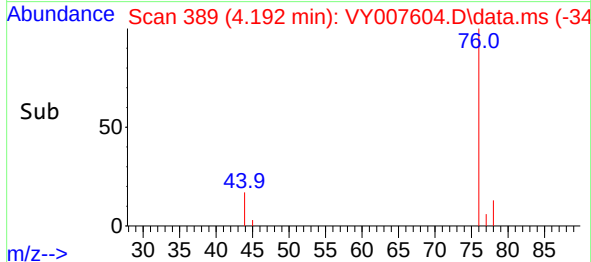
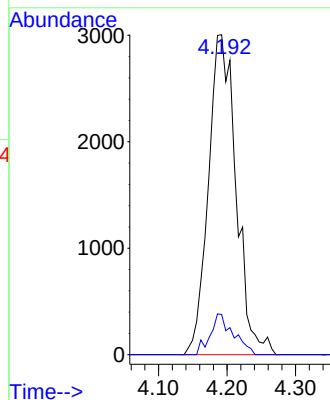
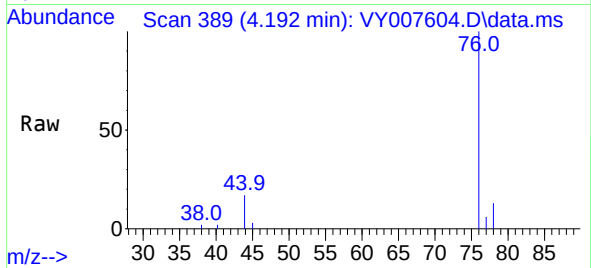




#17
Carbon Disulfide
Concen: 7.230 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007604.D
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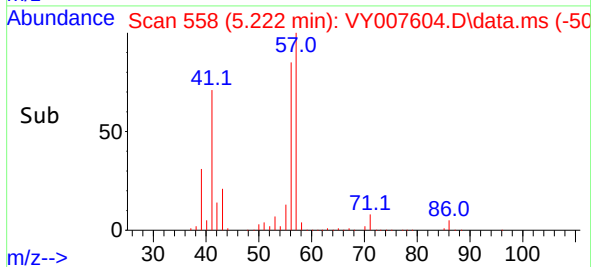
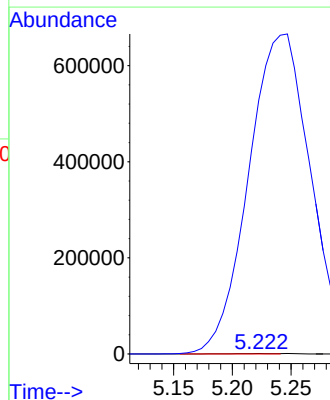
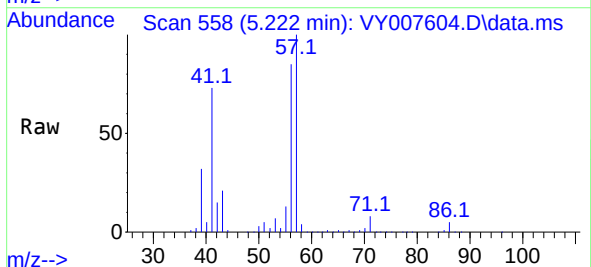
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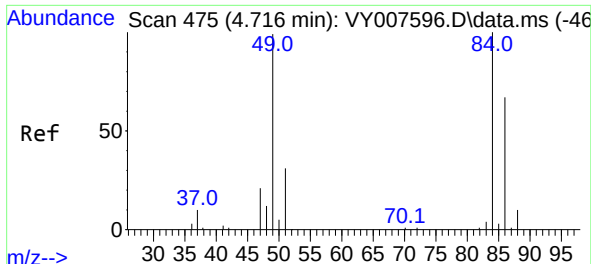
Tgt Ion: 76 Resp: 8471
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0#



#19
Methyl tert-butyl Ether
Concen: 1.919 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 73 Resp: 2432
Ion Ratio Lower Upper
73 100
57 52448.0 18.6 27.8#

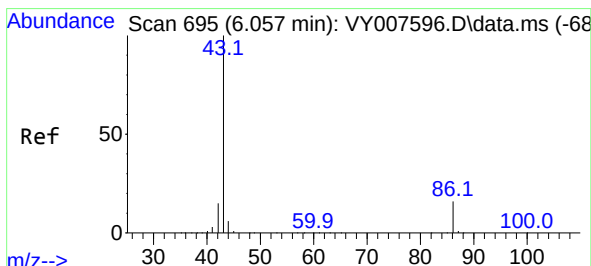
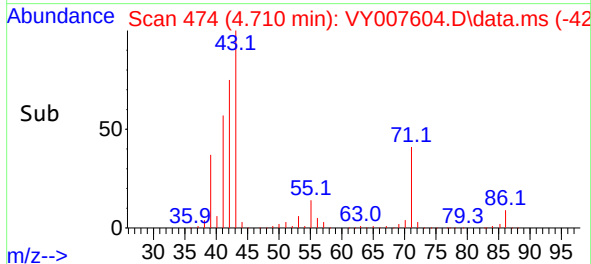
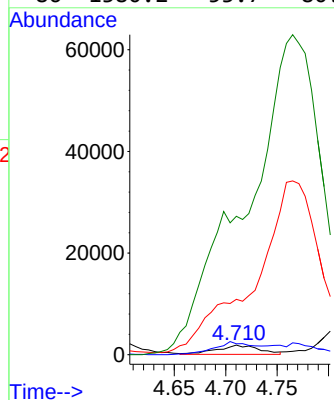
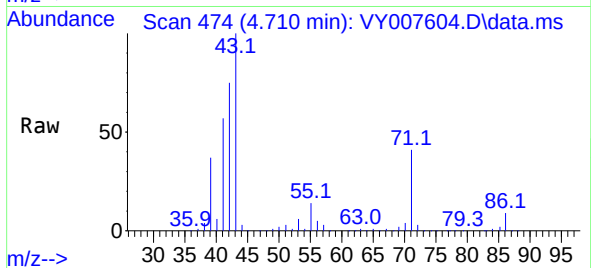




#20
Methylene Chloride
Concen: 8.057 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

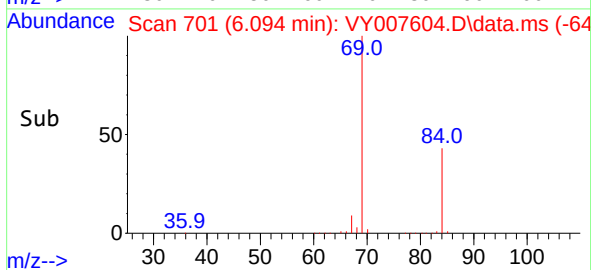
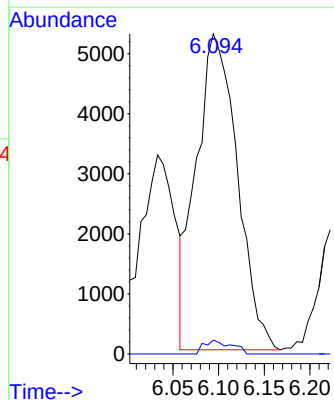
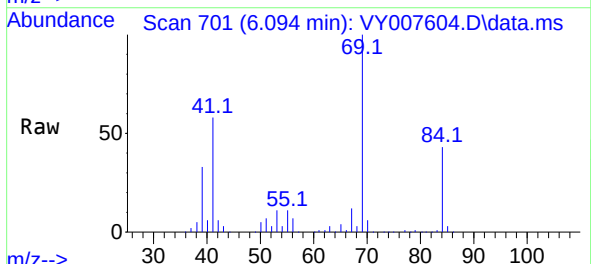
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

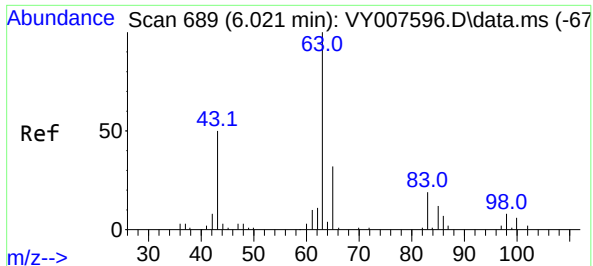
Tgt Ion: 84 Resp: 5175
Ion Ratio Lower Upper
84 100
49 120.1 114.4 171.6
51 552.0 35.3 52.9#
86 1380.2 53.7 80.5#



#23
Vinyl Acetate
Concen: 24.859 ug/l
RT: 6.094 min Scan# 701
Delta R.T. 0.037 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 16425
Ion Ratio Lower Upper
43 100
86 4.3 7.1 10.7#





#24

1,1-Dichloroethane

Concen: 2.784 ug/l

RT: 6.039 min Scan# 61

Delta R.T. 0.018 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

D13-7.5

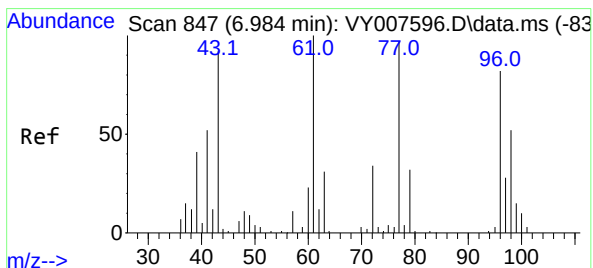
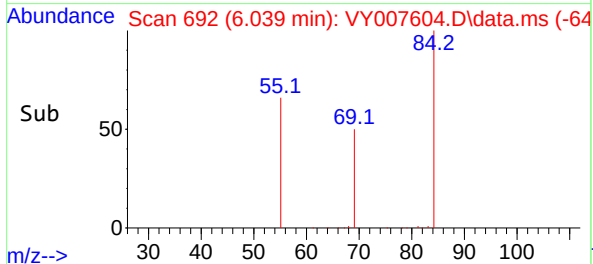
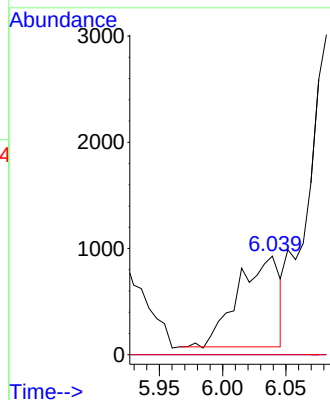
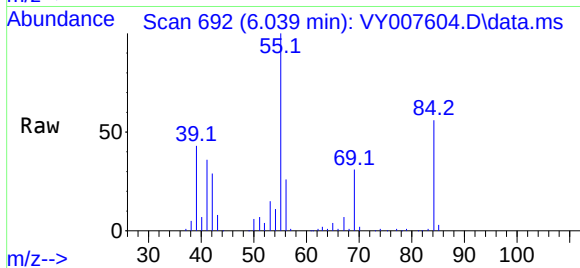
Tgt Ion: 63 Resp: 1947

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.0 5.8#



#25

2-Butanone

Concen: 342.537 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007604.D

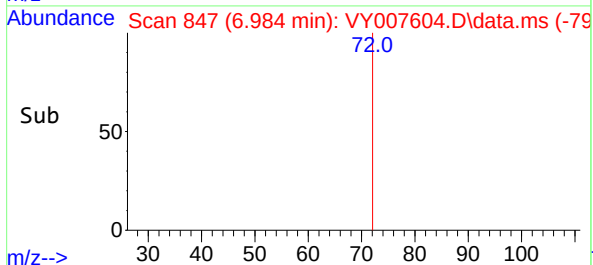
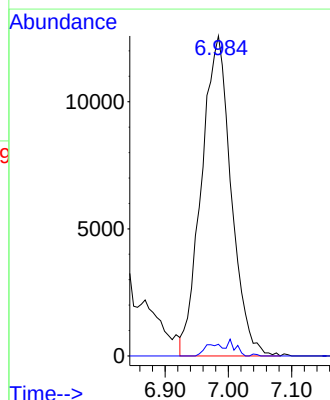
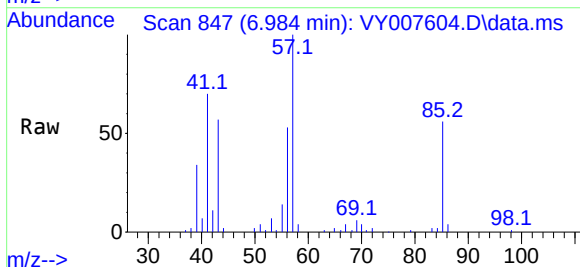
Acq: 23 Feb 2022 17:43

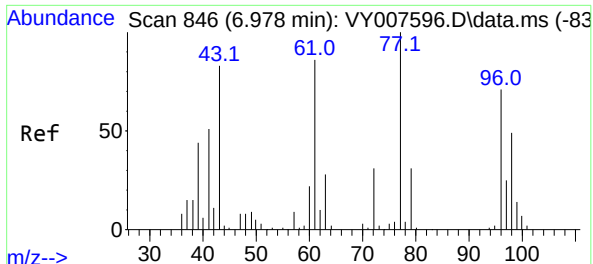
Tgt Ion: 43 Resp: 41067

Ion Ratio Lower Upper

43 100

72 3.6 17.7 26.5#

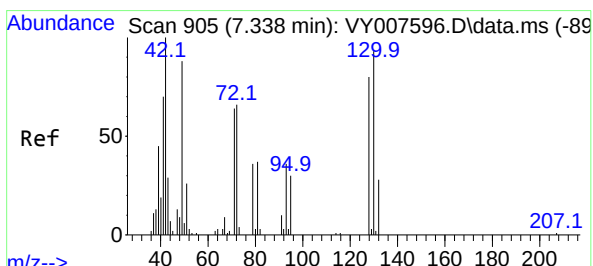
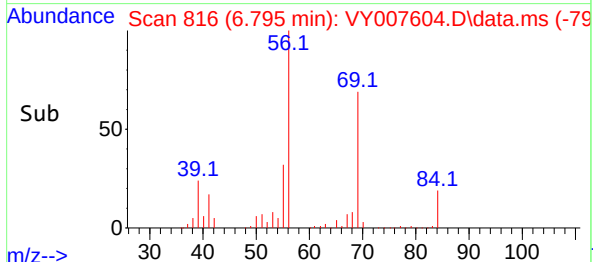
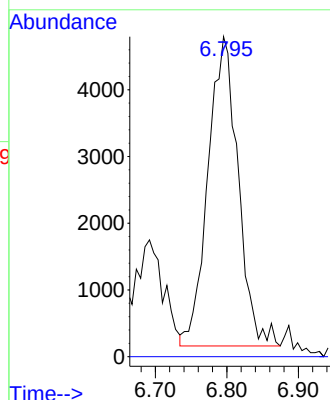
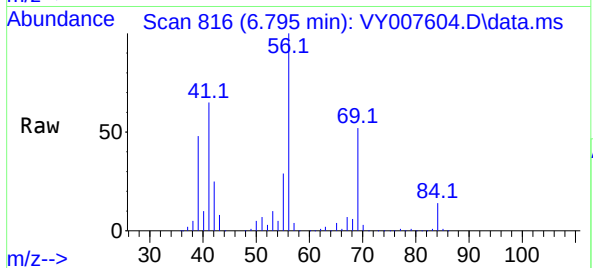




#26
2,2-Dichloropropane
Concen: 17.254 ug/l
RT: 6.795 min Scan# 816
Delta R.T. -0.183 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

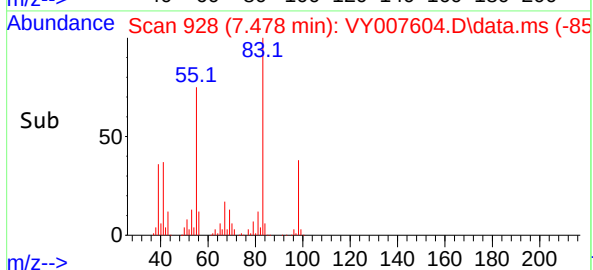
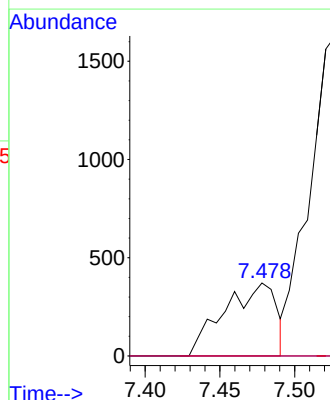
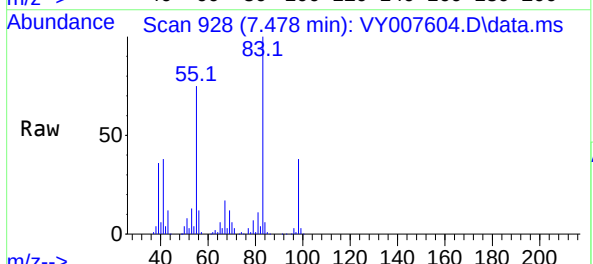
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

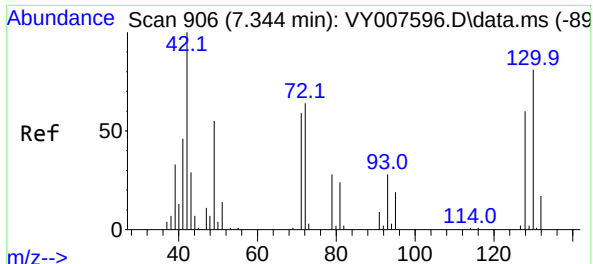
Tgt Ion: 77 Resp: 13550
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#28
Bromochloromethane
Concen: 3.775 ug/l
RT: 7.478 min Scan# 928
Delta R.T. 0.140 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 49 Resp: 900
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 90.519 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

D13-7.5

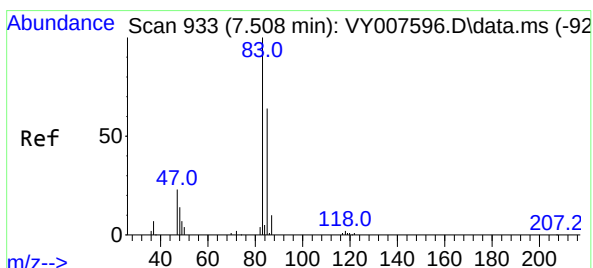
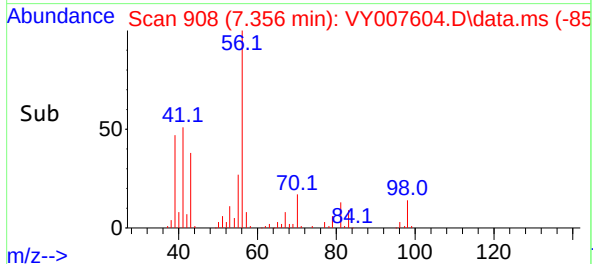
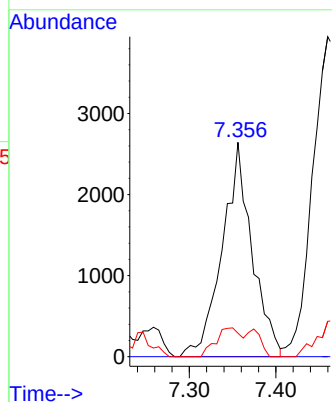
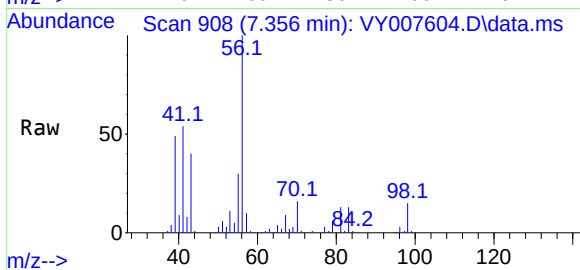
Tgt Ion: 42 Resp: 6316

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 255.956 ug/l

RT: 7.466 min Scan# 926

Delta R.T. -0.042 min

Lab File: VY007604.D

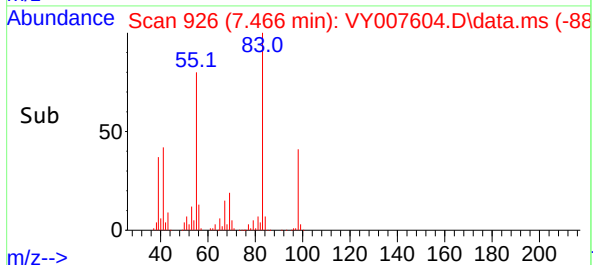
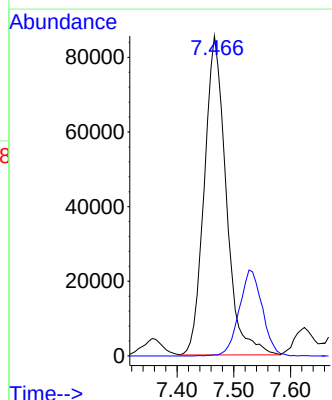
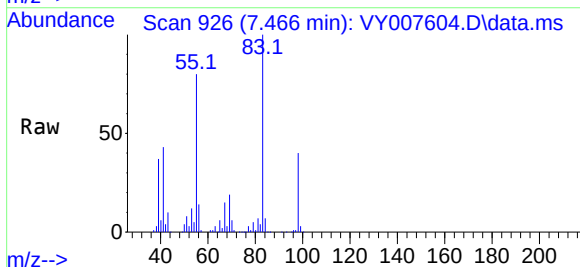
Acq: 23 Feb 2022 17:43

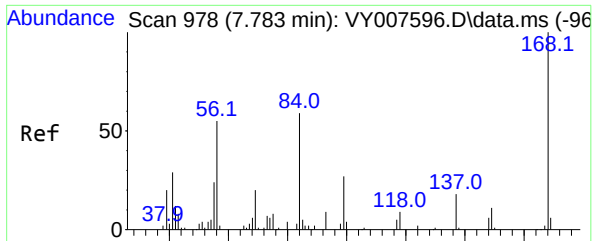
Tgt Ion: 83 Resp: 229167

Ion Ratio Lower Upper

83 100

85 0.3 51.8 77.6#

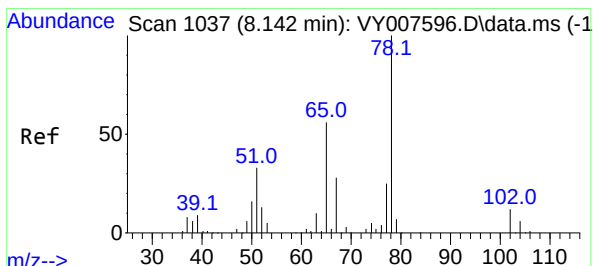
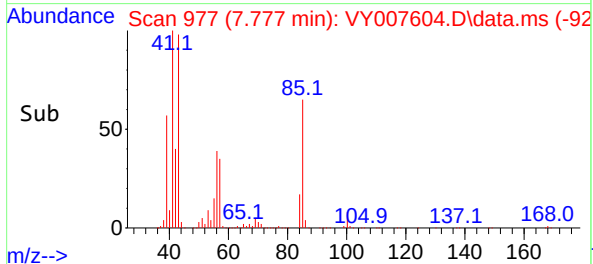
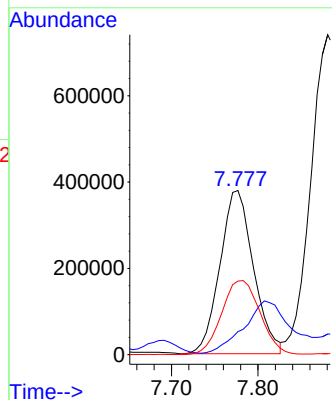
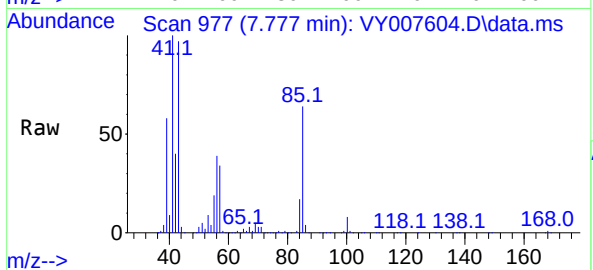




#31
Cyclohexane
Concen: 2221.667 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

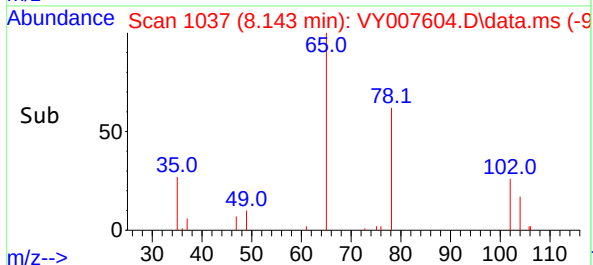
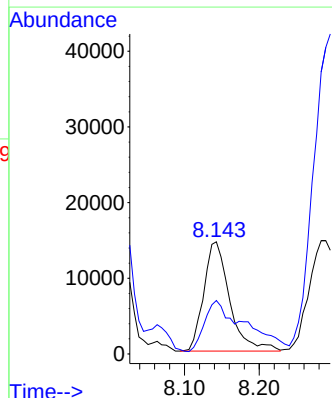
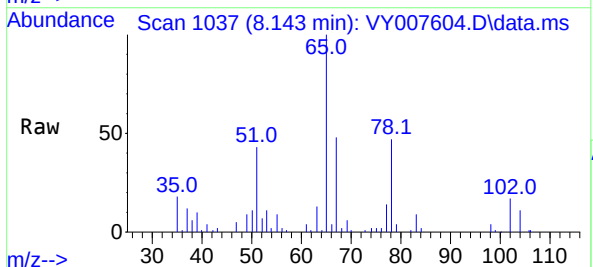
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

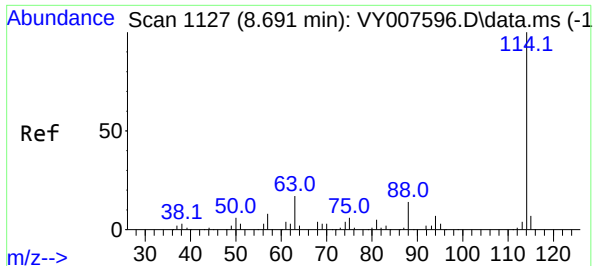
Tgt Ion: 56 Resp: 1017799
Ion Ratio Lower Upper
56 100
69 9.9 26.7 40.1#
84 45.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 74.953 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 65 Resp: 34803
Ion Ratio Lower Upper
65 100
67 74.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

D13-7.5

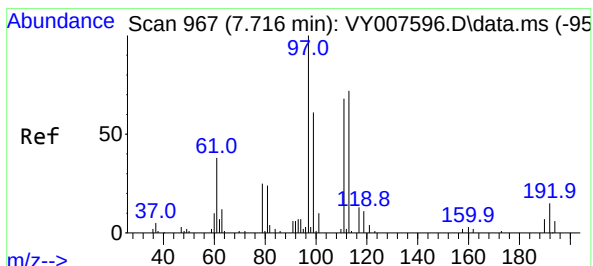
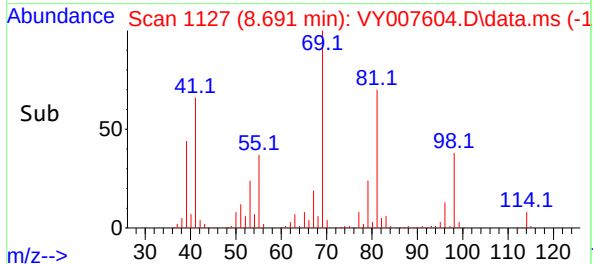
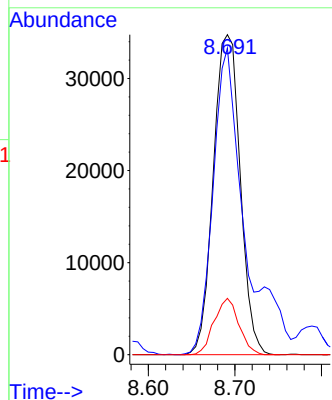
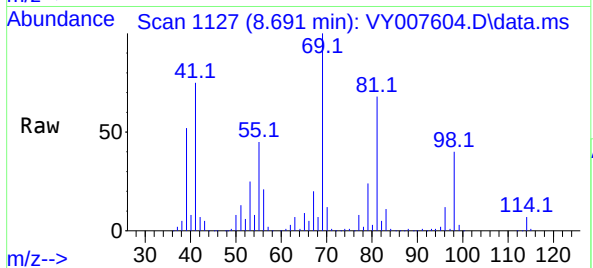
Tgt Ion:114 Resp: 74989

Ion Ratio Lower Upper

114 100

63 95.8 0.0 43.2#

88 17.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.108 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

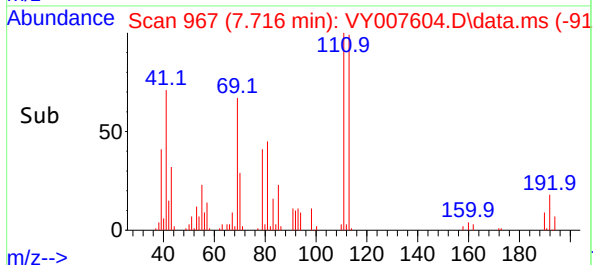
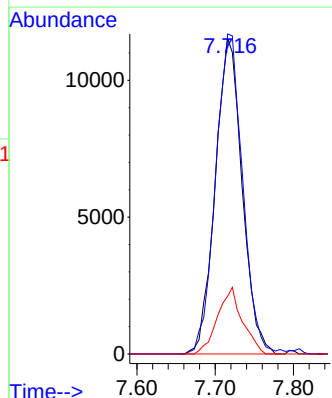
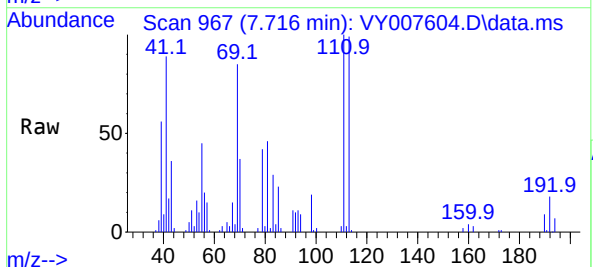
Tgt Ion:113 Resp: 27495

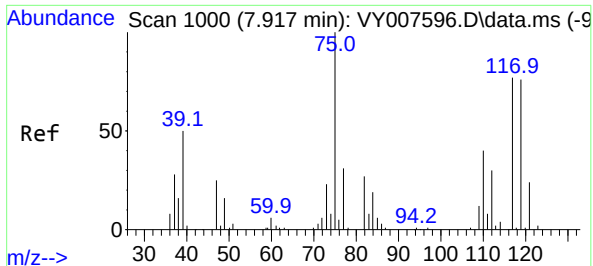
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.4 17.6 26.4

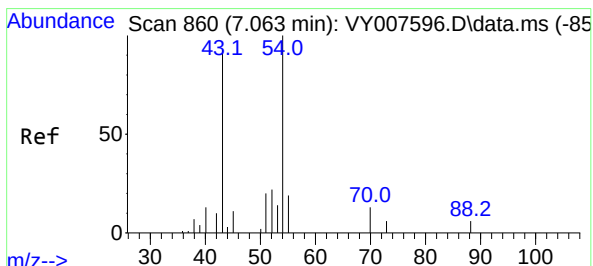
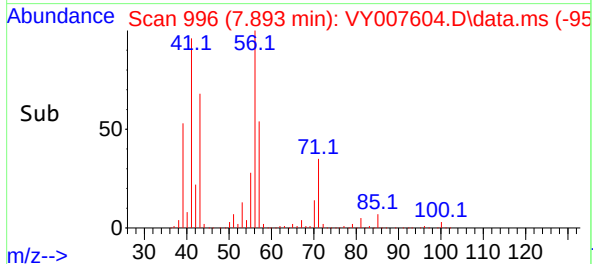
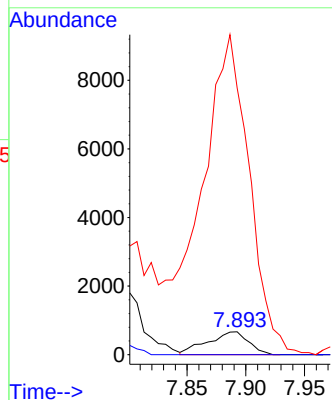
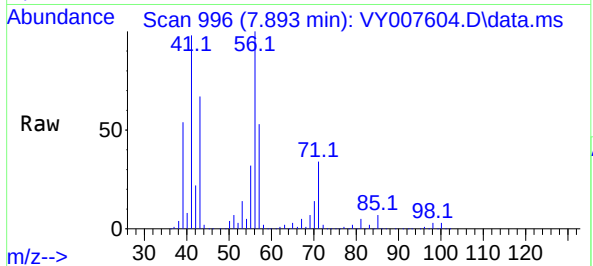




#36
1,1-Dichloropropene
Concen: 2.379 ug/l
RT: 7.893 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

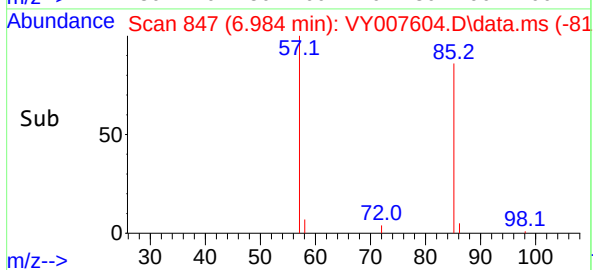
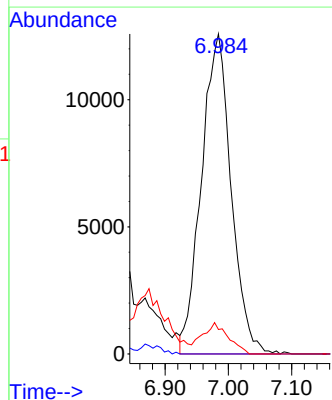
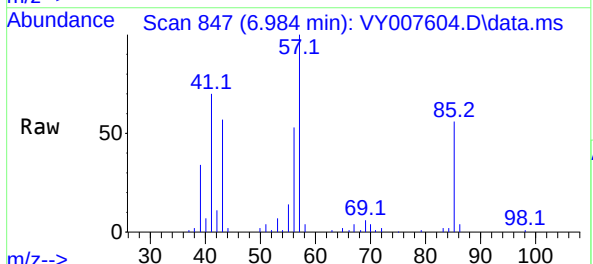
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

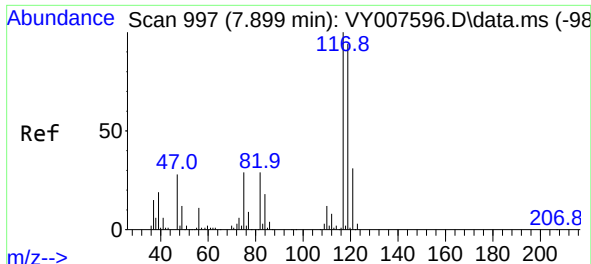
Tgt Ion: 75 Resp: 1622
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 1640.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 133.782 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 41067
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 8.5 7.1 10.7

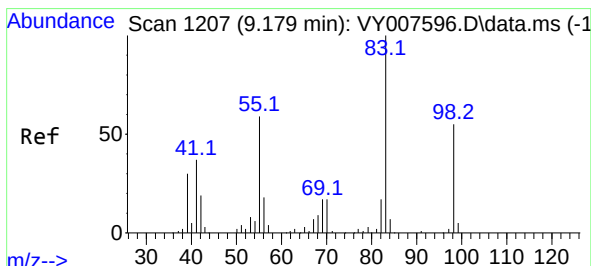
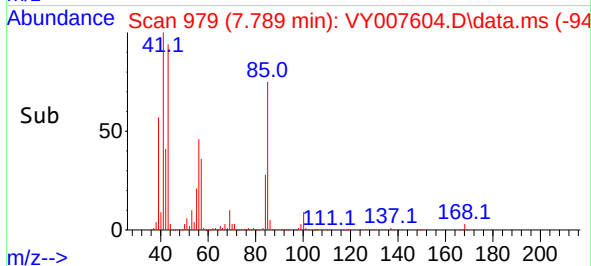
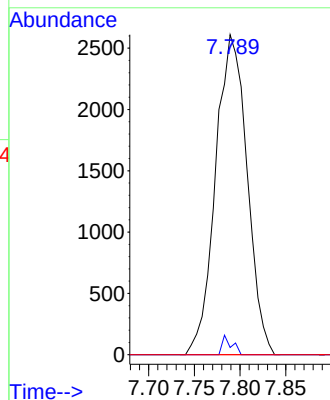
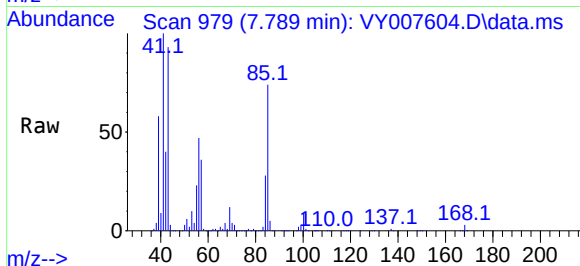




#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

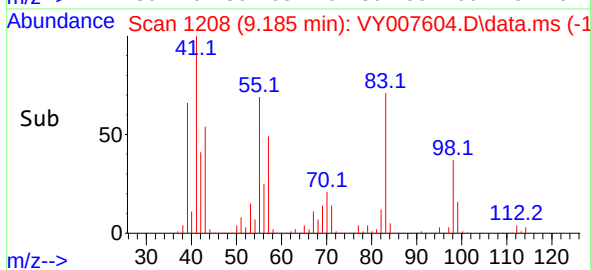
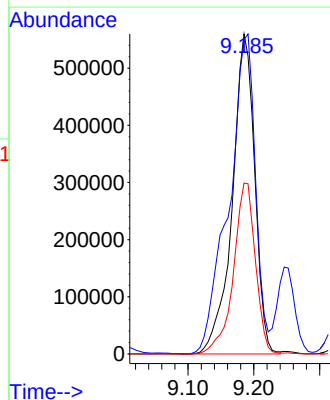
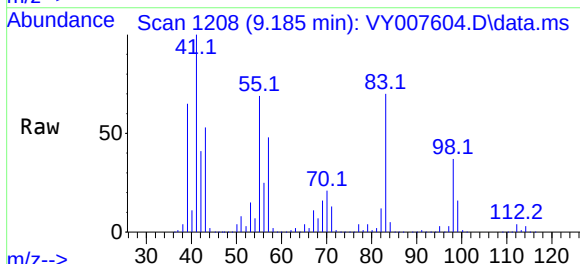
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

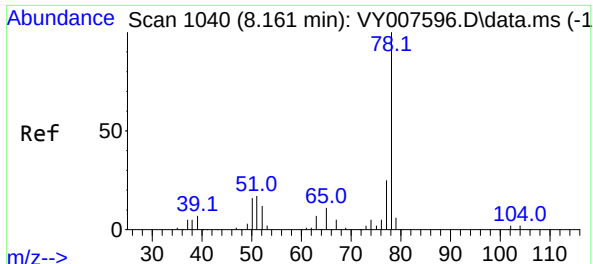
Tgt Ion:117 Resp: 6269
Ion Ratio Lower Upper
117 100
119 2.3 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1772.464 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 83 Resp: 1327362
Ion Ratio Lower Upper
83 100
55 98.2 66.5 99.7
98 53.4 37.9 56.9

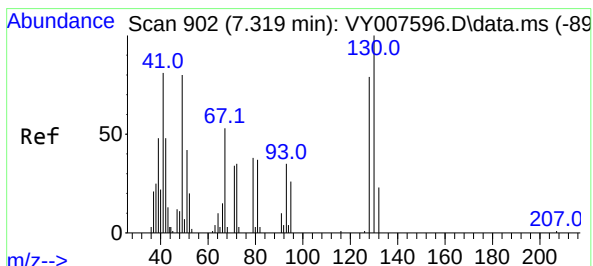
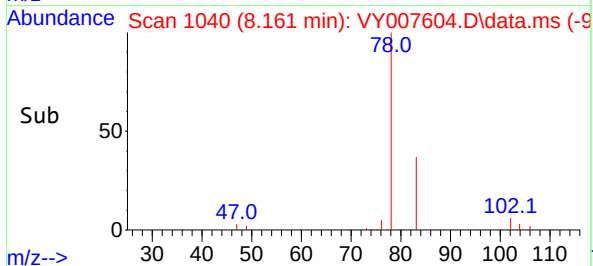
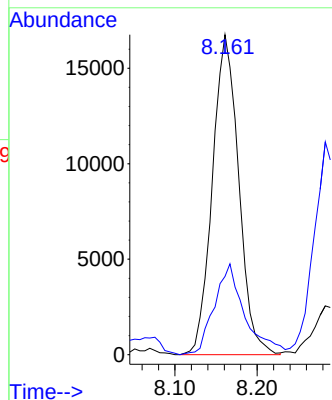
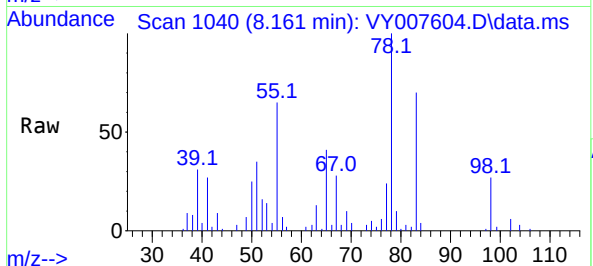




#40
Benzene
Concen: 19.168 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

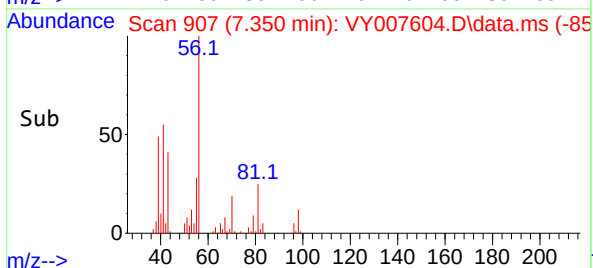
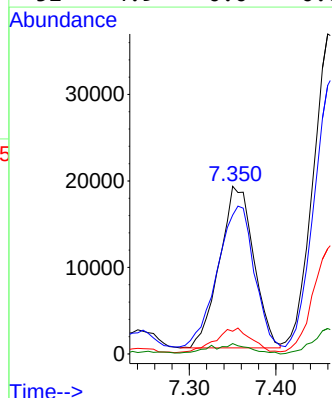
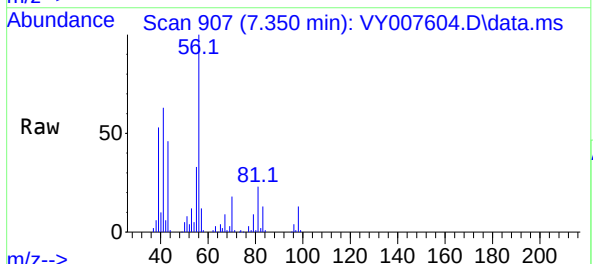
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

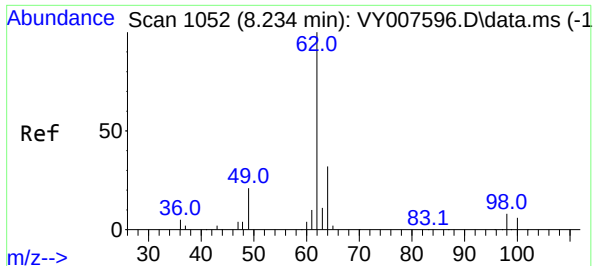
Tgt Ion: 78 Resp: 37290
Ion Ratio Lower Upper
78 100
77 24.4 20.4 30.6



#41
Methacrylonitrile
Concen: 302.174 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 41 Resp: 51157
Ion Ratio Lower Upper
41 100
39 93.8 92.9 139.3
67 0.0 0.0 0.0
52 4.9 0.0 0.0#

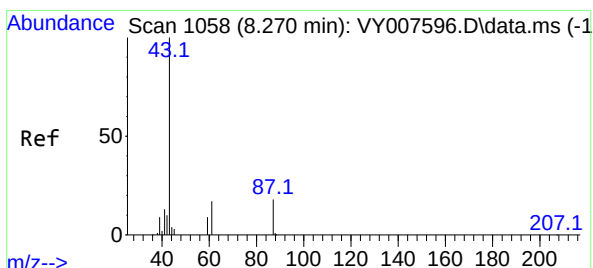
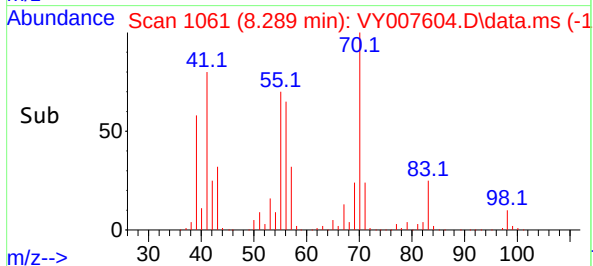
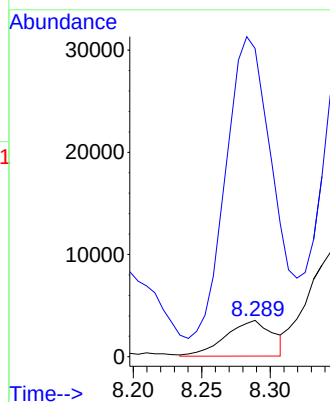
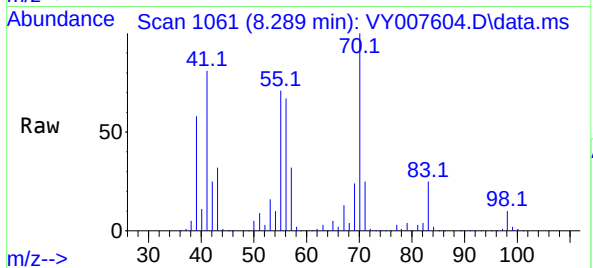




#42
1,2-Dichloroethane
Concen: 11.745 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.055 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

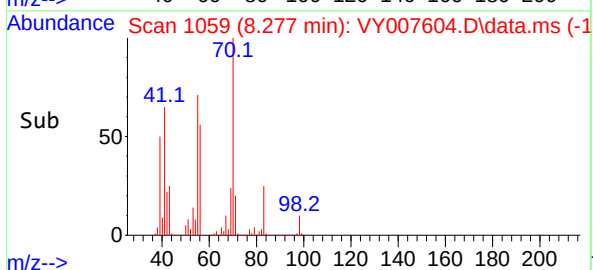
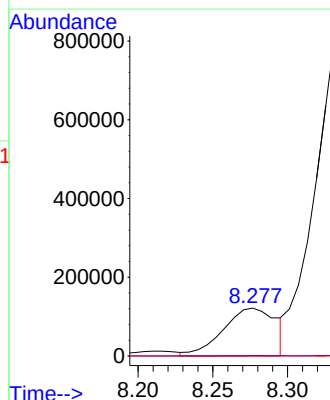
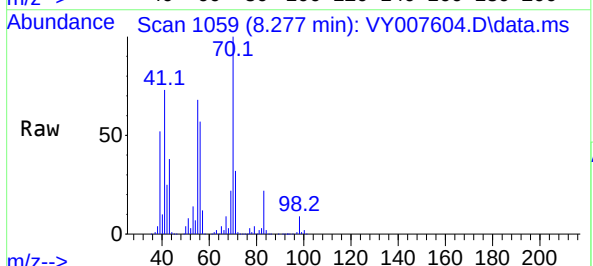
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

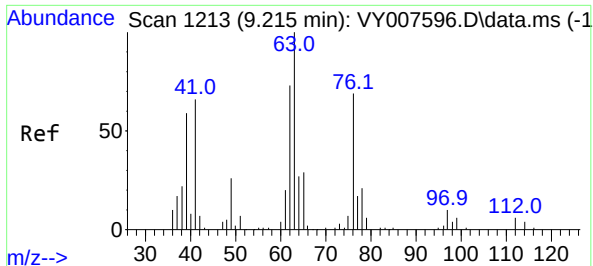
Tgt Ion: 62 Resp: 8370
Ion Ratio Lower Upper
62 100
98 859.2 0.0 14.8#



#43
Isopropyl Acetate
Concen: 476.988 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.007 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 299078
Ion Ratio Lower Upper
43 100
61 0.7 20.2 30.2#
87 0.0 8.9 13.3#

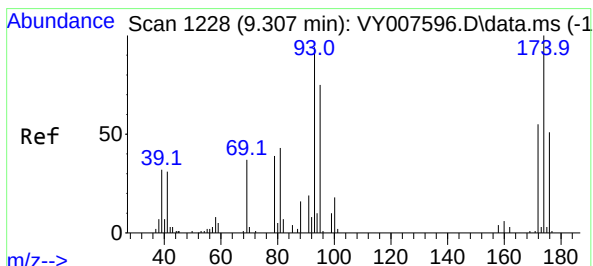
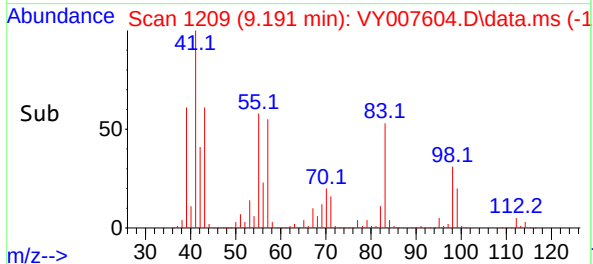
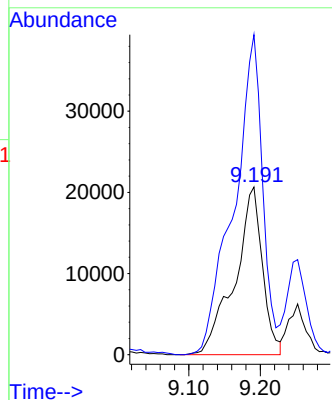
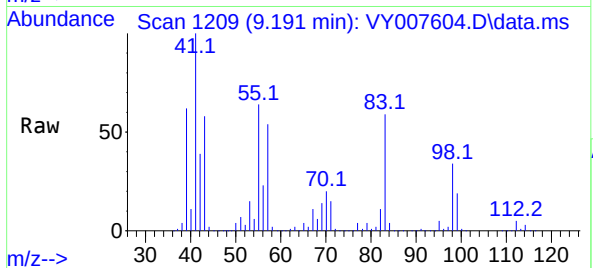




#45
1,2-Dichloropropane
Concen: 134.516 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

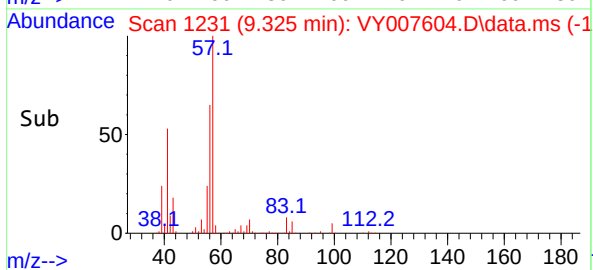
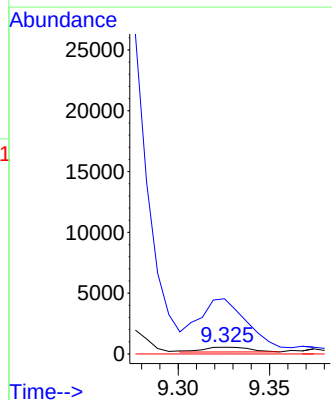
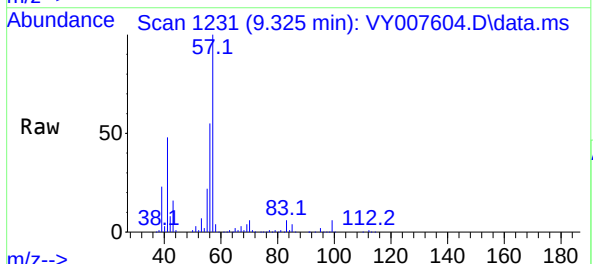
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

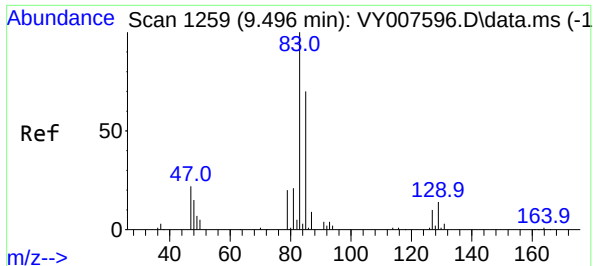
Tgt Ion: 63 Resp: 55693
Ion Ratio Lower Upper
63 100
65 190.9 23.0 34.6#



#46
Dibromomethane
Concen: 1.935 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 93 Resp: 687
Ion Ratio Lower Upper
93 100
95 1063.2 64.3 96.5#
174 0.0 83.4 125.0#





#47

Bromodichloromethane

Concen: 284.969 ug/l

RT: 9.484 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

D13-7.5

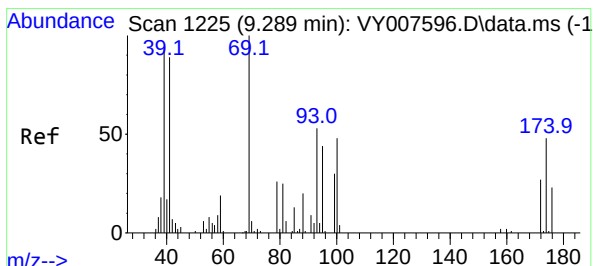
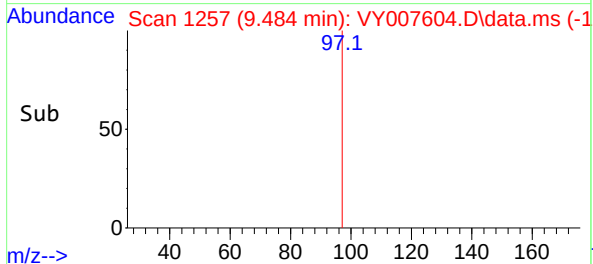
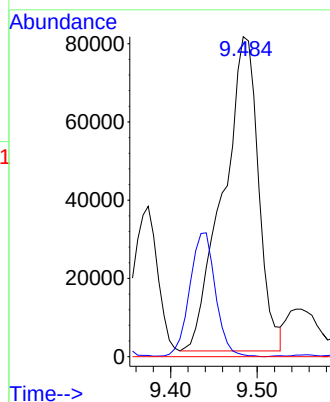
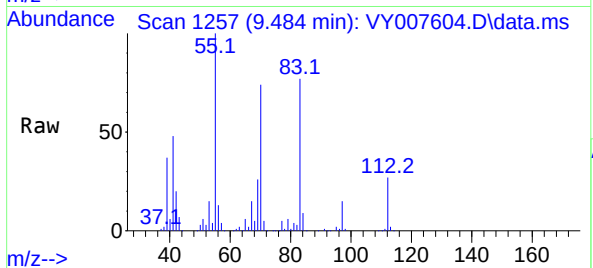
Tgt Ion: 83 Resp: 227853

Ion Ratio Lower Upper

83 100

85 0.3 51.9 77.9#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 955.312 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.036 min

Lab File: VY007604.D

Acq: 23 Feb 2022 17:43

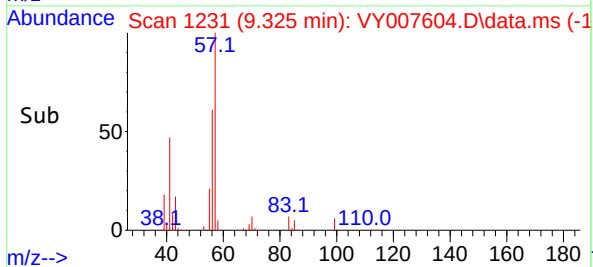
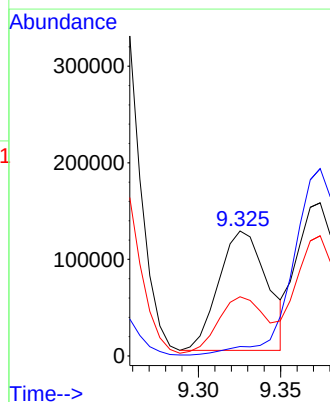
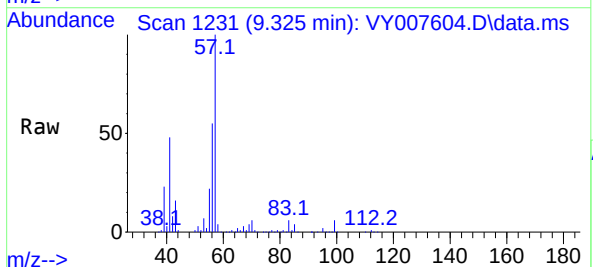
Tgt Ion: 41 Resp: 252602

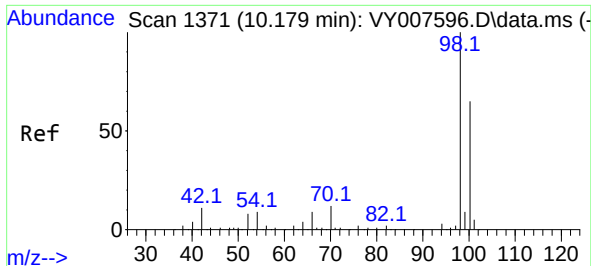
Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 44.1 47.4 71.0#

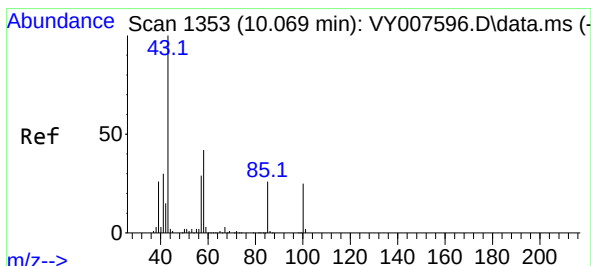
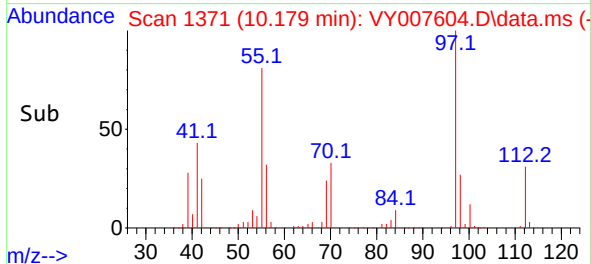
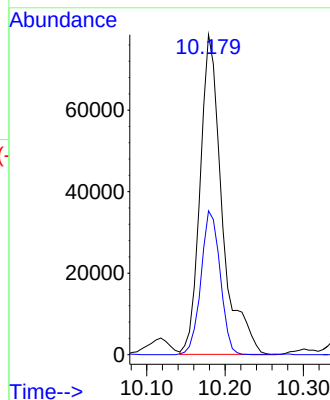
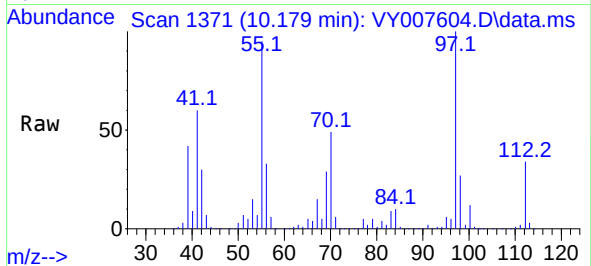




#50
Toluene-d8
Concen: 84.484 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

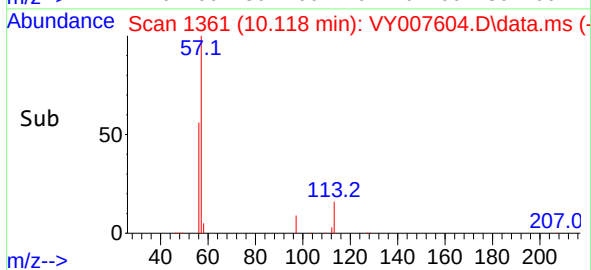
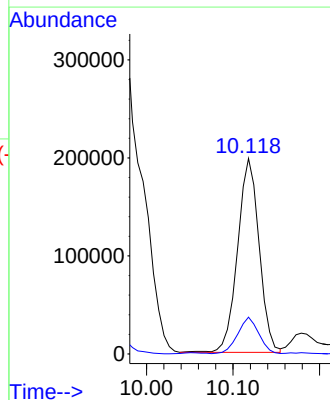
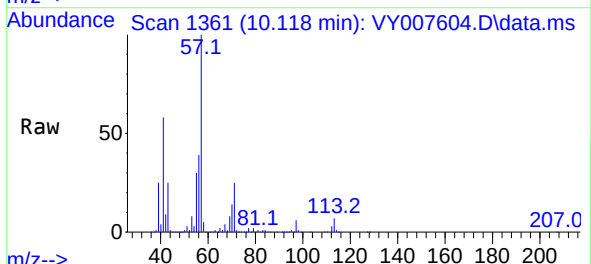
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

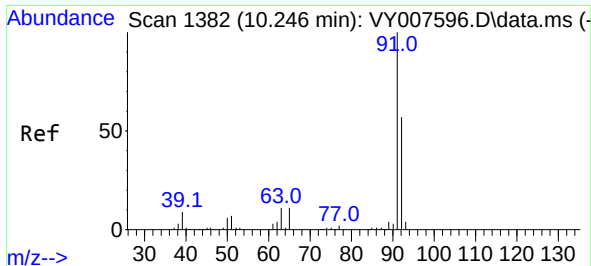
Tgt Ion: 98 Resp: 152844
Ion Ratio Lower Upper
98 100
100 39.2 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 1085.194 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.049 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 342450
Ion Ratio Lower Upper
43 100
58 18.5 28.1 42.1#

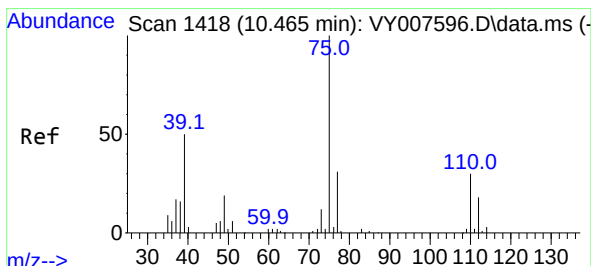
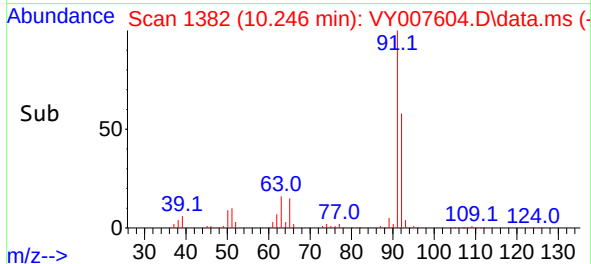
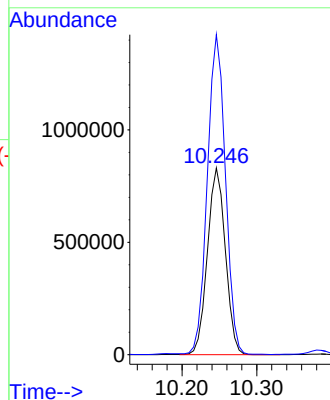
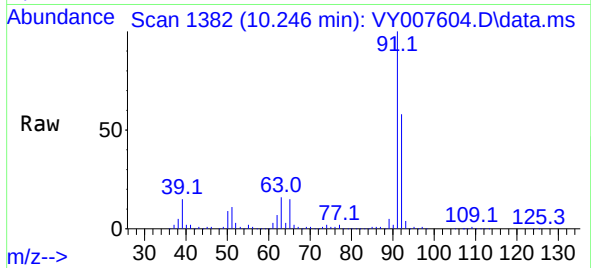




#52
Toluene
Concen: 1041.011 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

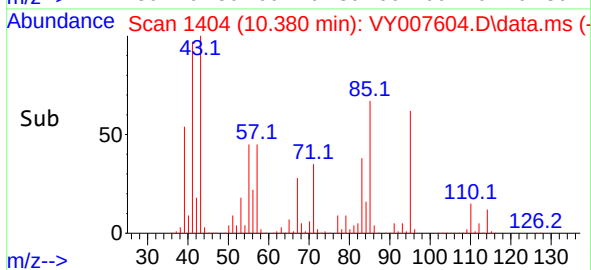
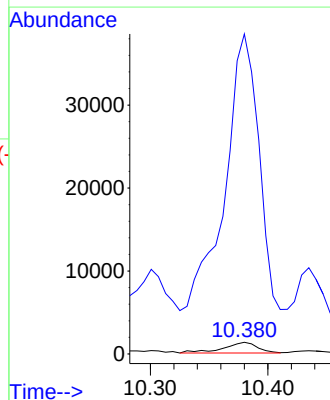
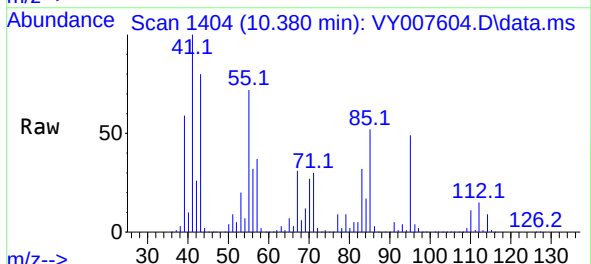
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

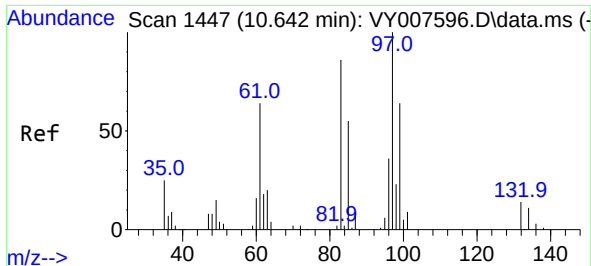
Tgt Ion: 92 Resp: 1381392
Ion Ratio Lower Upper
92 100
91 173.1 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 3.291 ug/l
RT: 10.380 min Scan# 1404
Delta R.T. -0.085 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 75 Resp: 2640
Ion Ratio Lower Upper
75 100
77 2581.1 25.4 38.2#



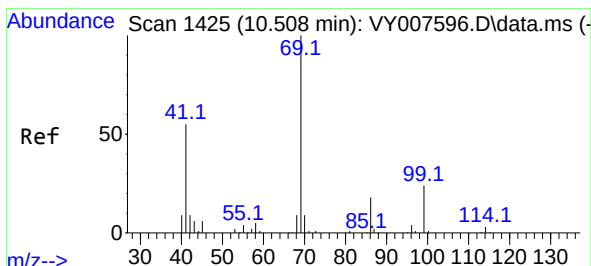
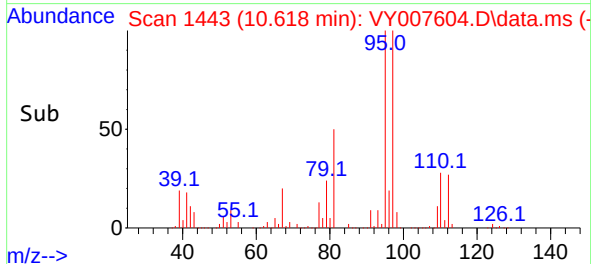
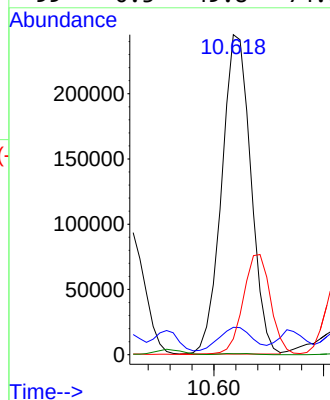
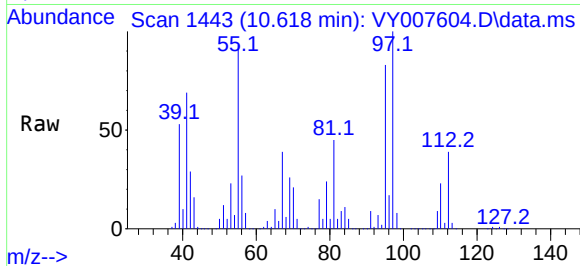


#55
1,1,2-Trichloroethane
Concen: 987.488 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

Tgt Ion: 97 Resp: 451538

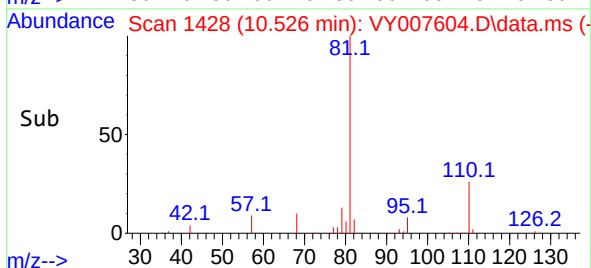
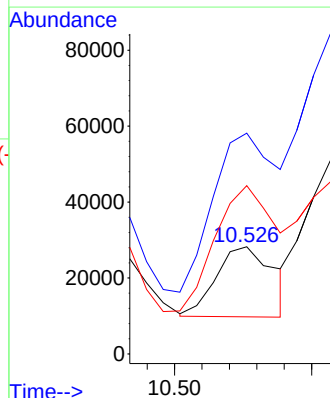
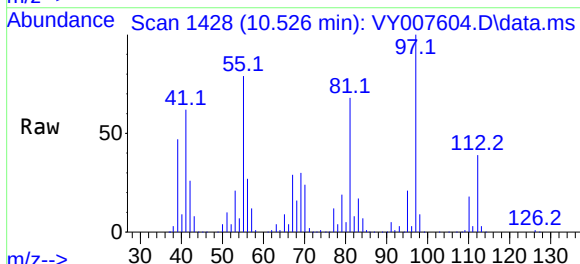
Ion	Ratio	Lower	Upper
97	100		
83	4.7	69.8	104.8#
85	4.9	44.3	66.5#
99	0.3	49.8	74.6#

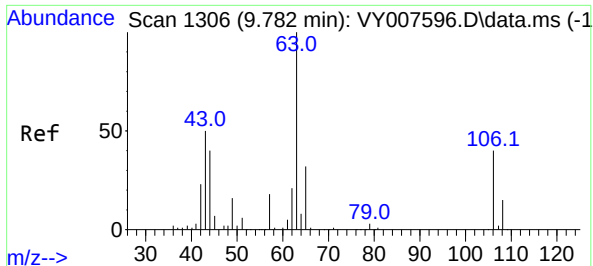


#56
Ethyl methacrylate
Concen: 49.907 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 69 Resp: 26896

Ion	Ratio	Lower	Upper
69	100		
41	257.7	63.4	95.0#
39	183.3	35.8	53.8#

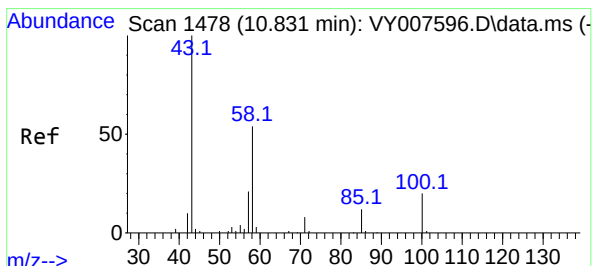
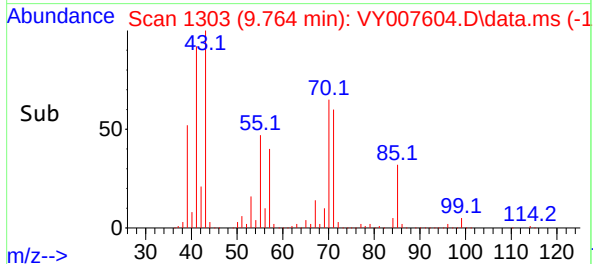
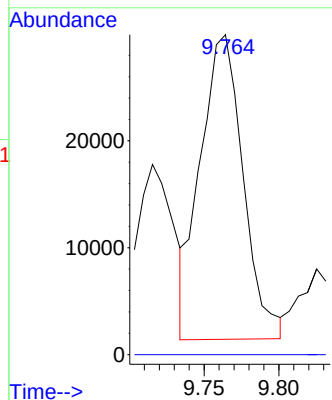
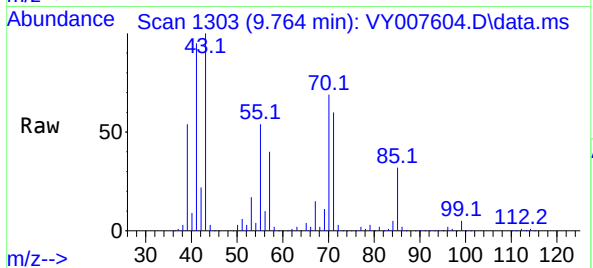




#58
2-Chloroethyl Vinyl ether
Concen: 215.784 ug/l
RT: 9.764 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

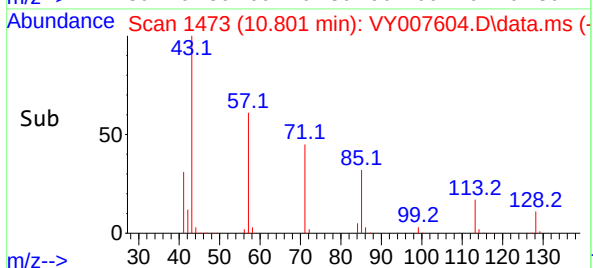
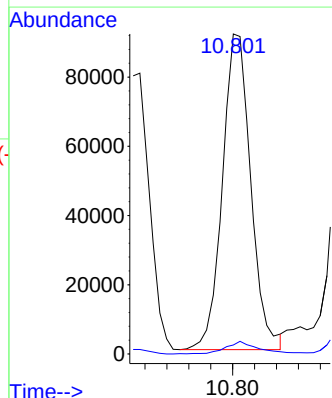
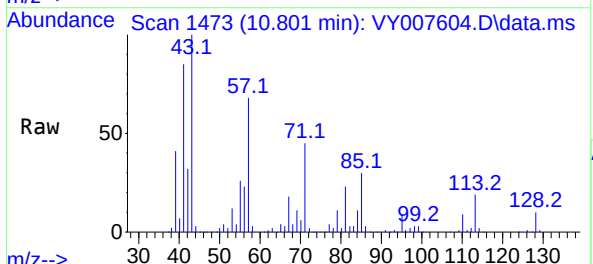
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

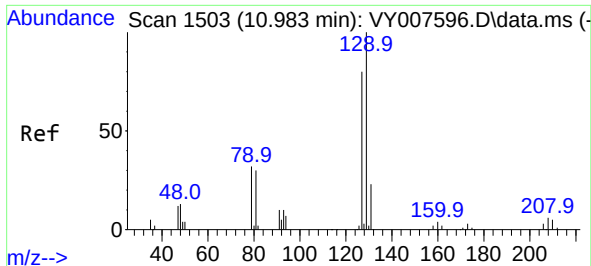
Tgt Ion: 63 Resp: 56589
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 729.966 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 164166
Ion Ratio Lower Upper
43 100
58 4.7 24.4 73.4#

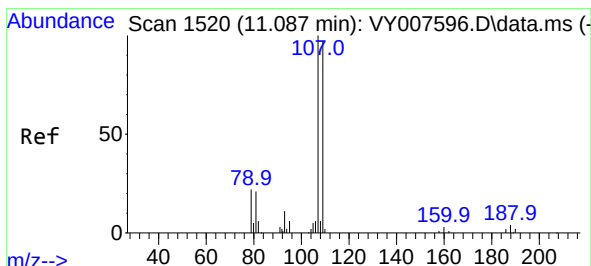
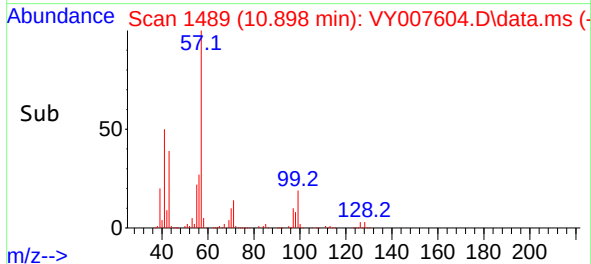
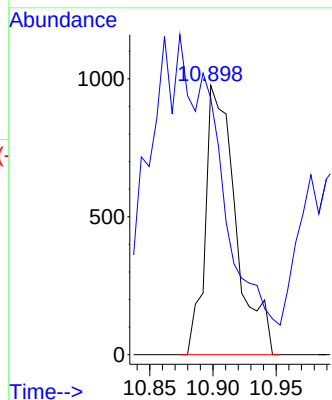
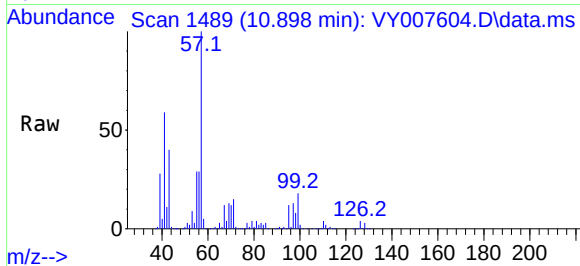




#60
Dibromochloromethane
Concen: 2.640 ug/l
RT: 10.898 min Scan# 14
Delta R.T. -0.085 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

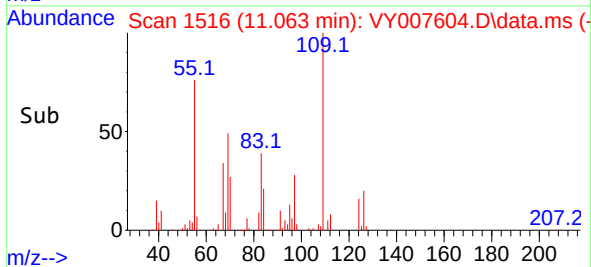
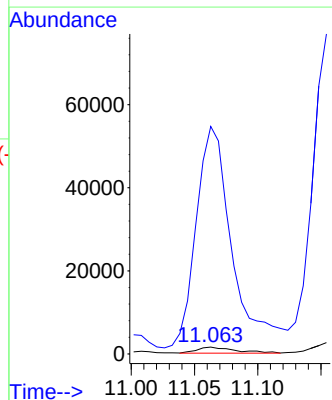
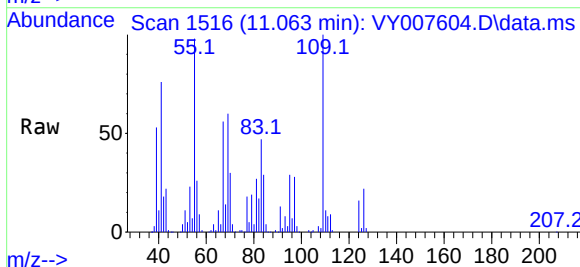
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

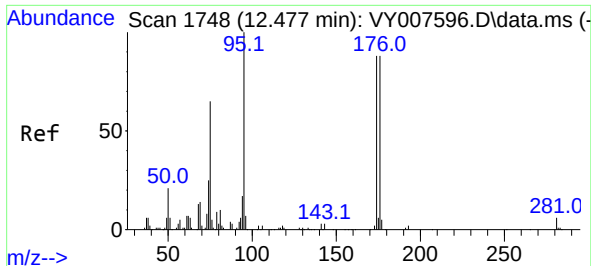
Tgt Ion:129 Resp: 1633
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 6.742 ug/l
RT: 11.063 min Scan# 1516
Delta R.T. -0.024 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion:107 Resp: 3102
Ion Ratio Lower Upper
107 100
109 3425.2 75.4 113.2#

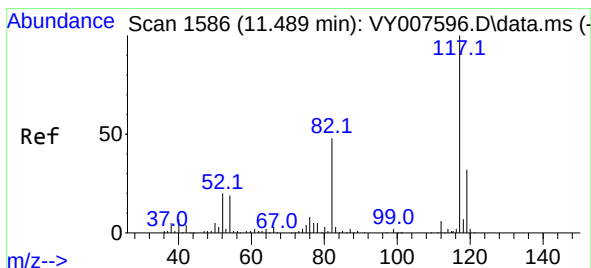
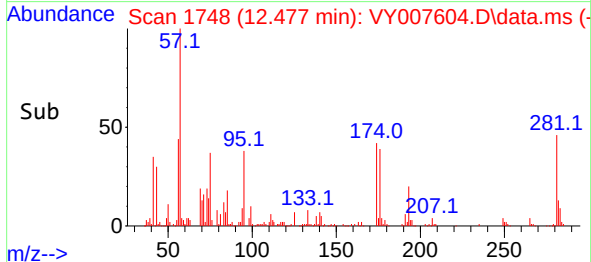
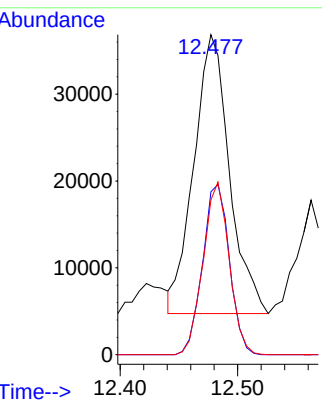
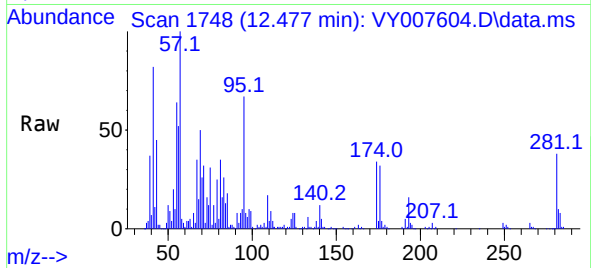




#62
4-Bromofluorobenzene
Concen: 112.971 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

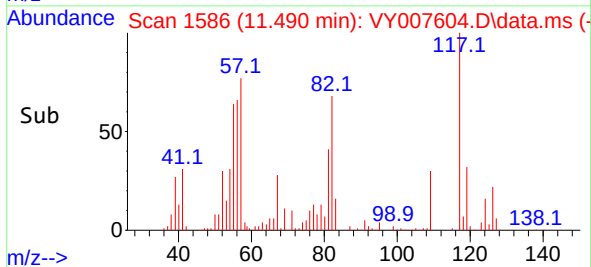
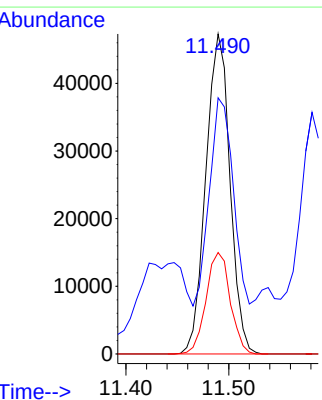
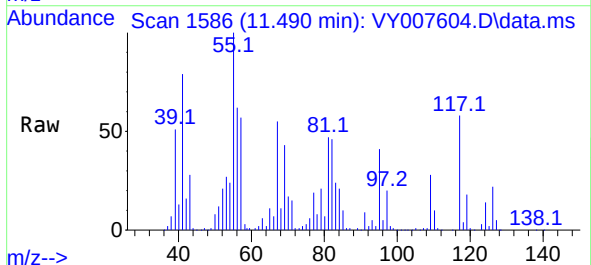
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

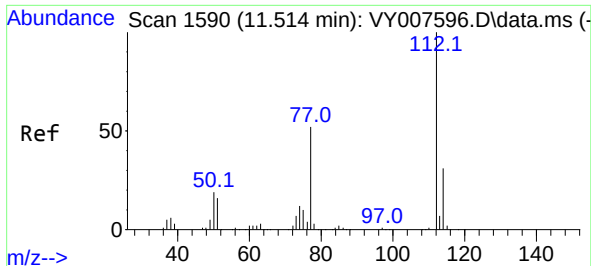
Tgt Ion: 95 Resp: 67591
Ion Ratio Lower Upper
95 100
174 46.1 0.0 177.0
176 45.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 117 Resp: 77056
Ion Ratio Lower Upper
117 100
82 59.3 43.0 64.4
119 31.7 25.4 38.0

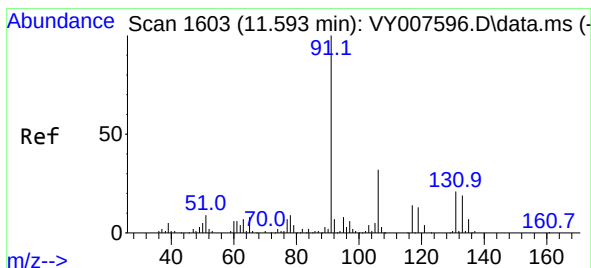
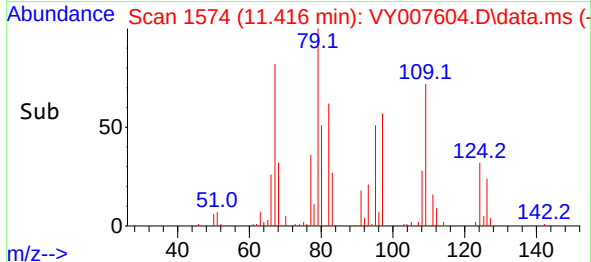
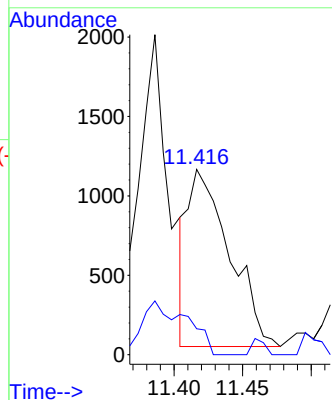
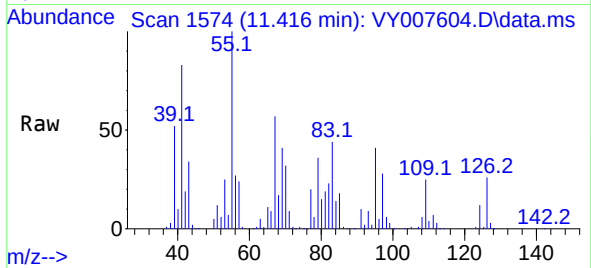




#65
Chlorobenzene
Concen: 1.410 ug/l
RT: 11.416 min Scan# 111
Delta R.T. -0.098 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

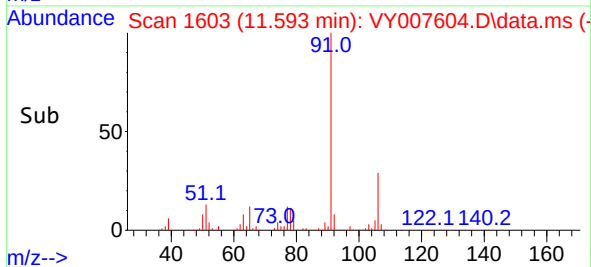
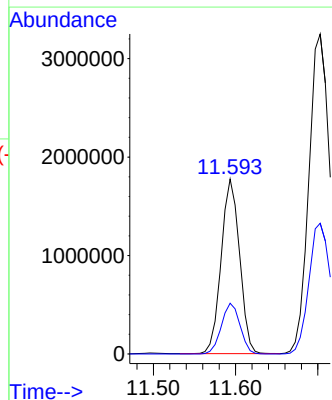
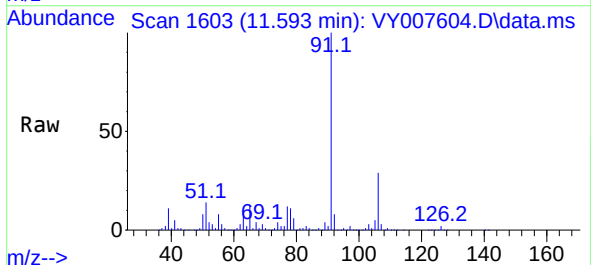
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

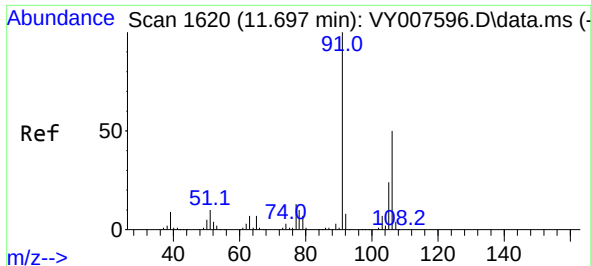
Tgt Ion:112 Resp: 2369
Ion Ratio Lower Upper
112 100
114 8.1 25.8 38.6#



#67
Ethyl Benzene
Concen: 980.232 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 91 Resp: 2761236
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7

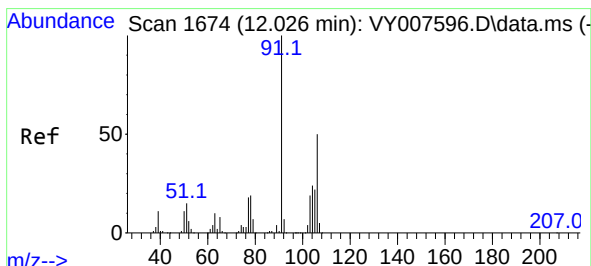
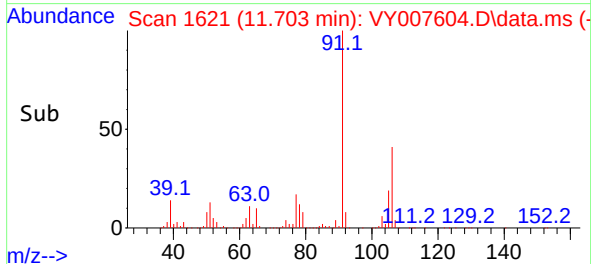
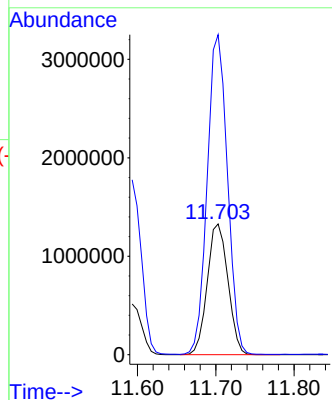
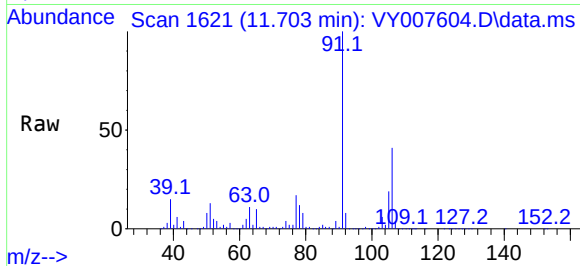




#68
m/p-Xylenes
Concen: 2208.174 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

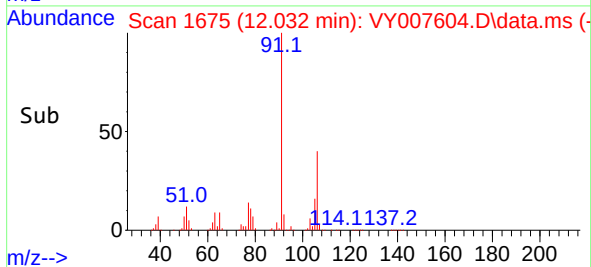
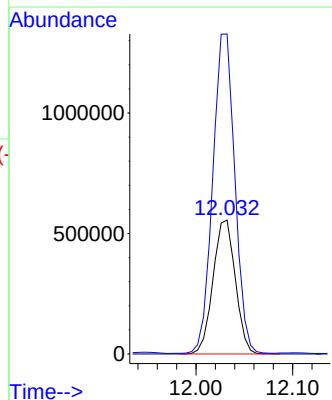
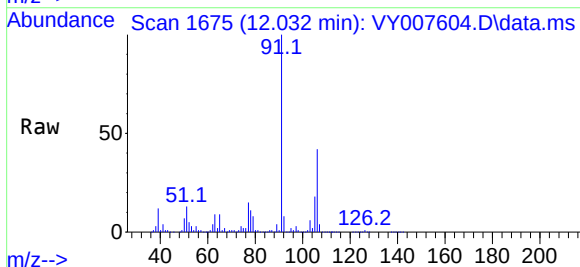
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

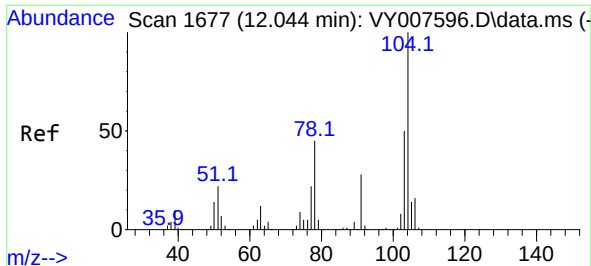
Tgt Ion:106 Resp: 2436022
Ion Ratio Lower Upper
106 100
91 238.7 166.6 249.8



#69
o-Xylene
Concen: 821.048 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion:106 Resp: 890815
Ion Ratio Lower Upper
106 100
91 236.3 110.3 331.0

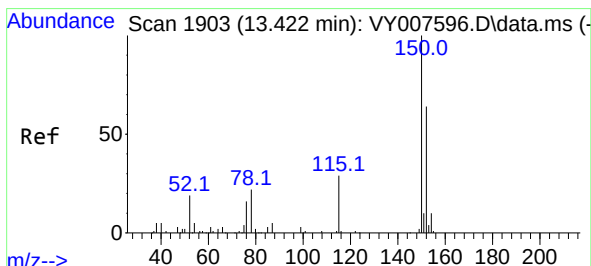
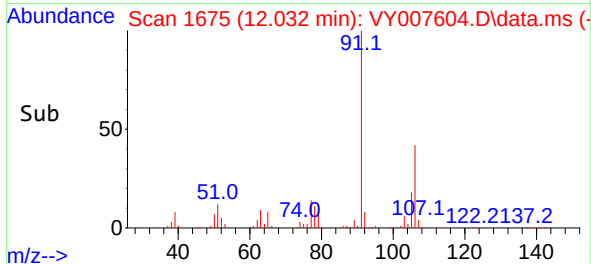
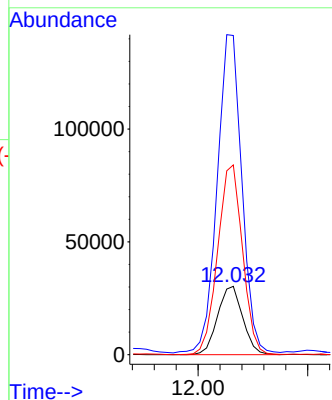
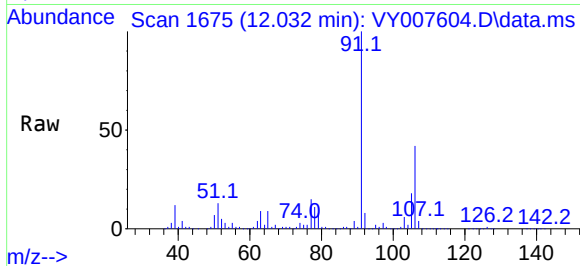




#70
Styrene
Concen: 26.531 ug/l
RT: 12.032 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

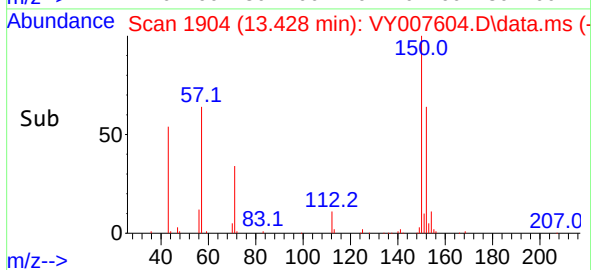
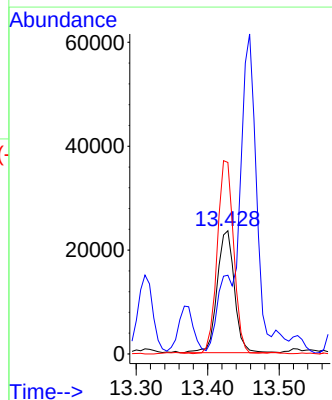
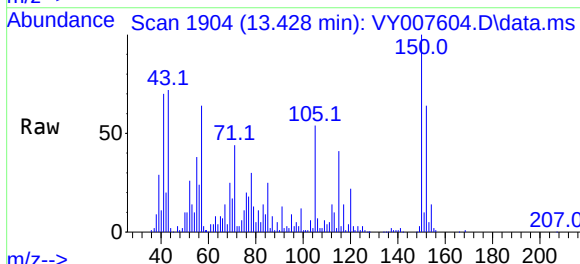
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

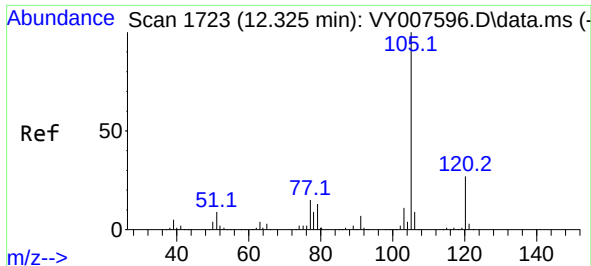
Tgt Ion:104 Resp: 48152
Ion Ratio Lower Upper
104 100
78 456.1 42.4 63.6#
103 275.5 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion:152 Resp: 39346
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 150.6 0.0 347.6

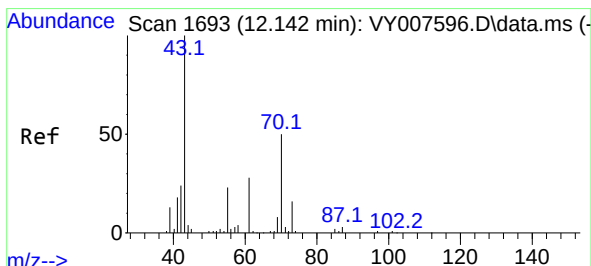
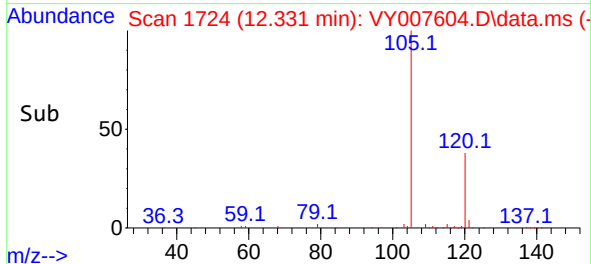
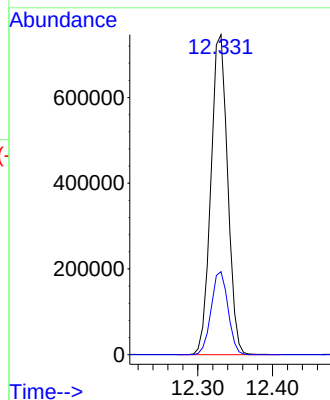
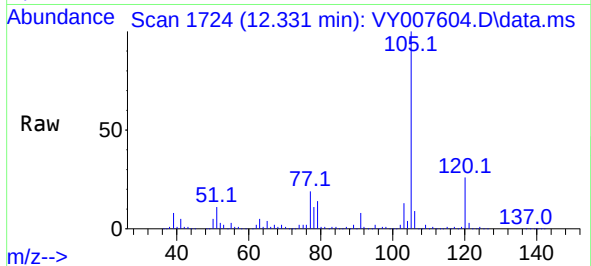




#73
Isopropylbenzene
Concen: 383.844 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

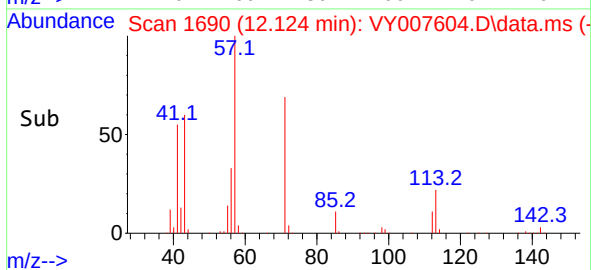
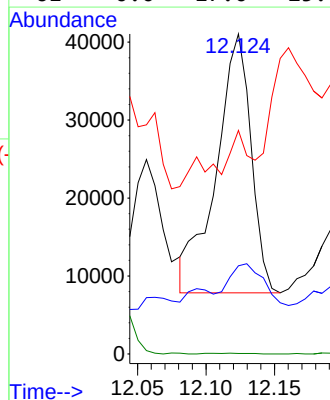
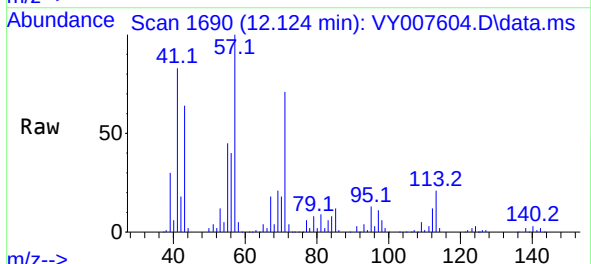
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

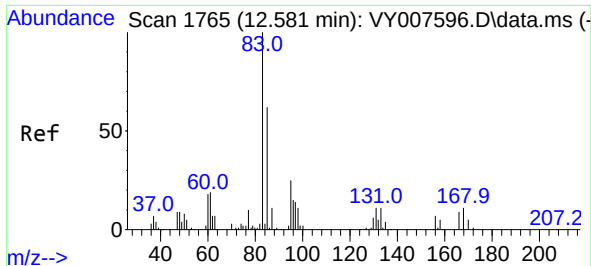
Tgt Ion:105 Resp: 1163338
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-amy1 acetate
Concen: 99.413 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 43 Resp: 58676
Ion Ratio Lower Upper
43 100
70 24.3 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

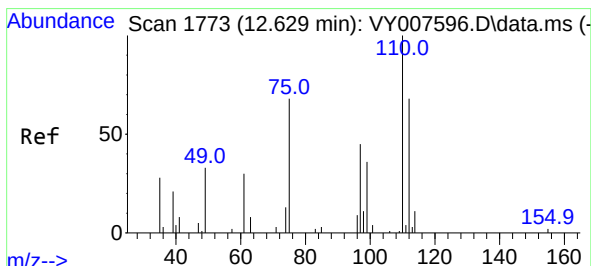
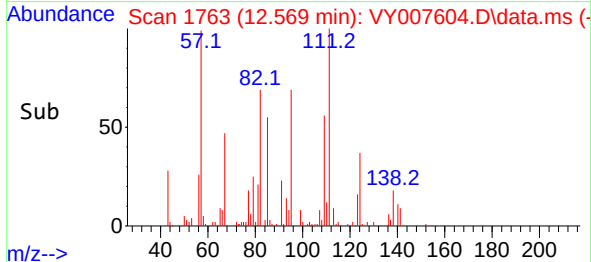
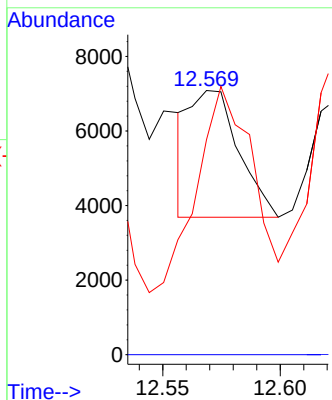
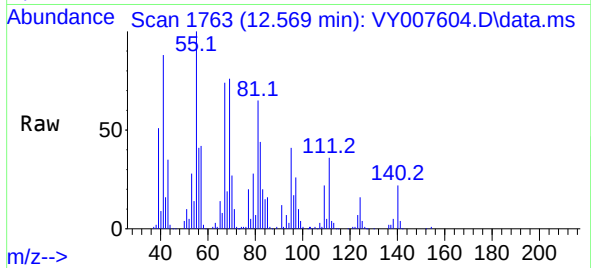




#75
1,1,2,2-Tetrachloroethane
Concen: 8.946 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.012 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

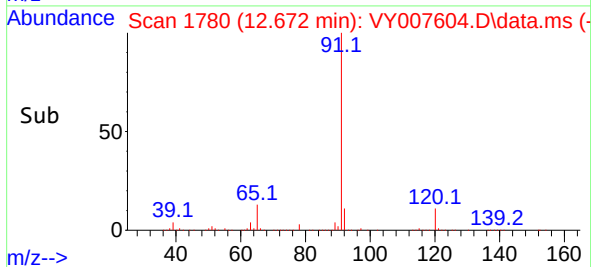
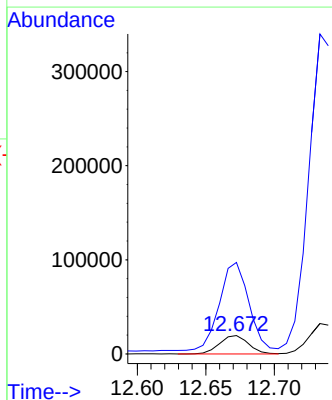
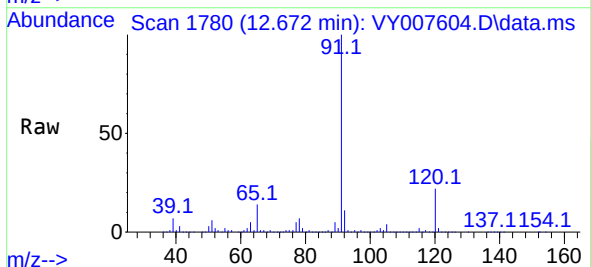
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

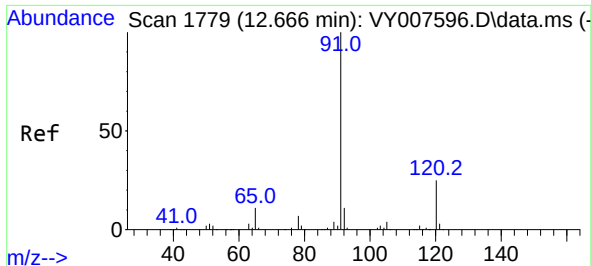
Tgt Ion: 83 Resp: 4916
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 185.1 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 72.724 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.043 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 75 Resp: 28618
Ion Ratio Lower Upper
75 100
77 496.6 0.0 0.0#

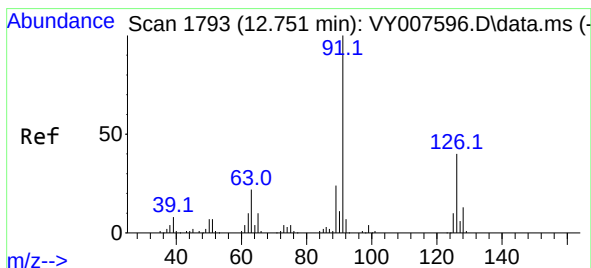
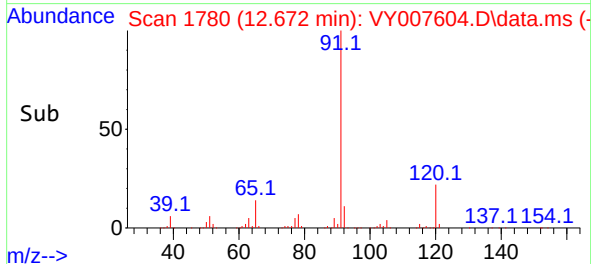
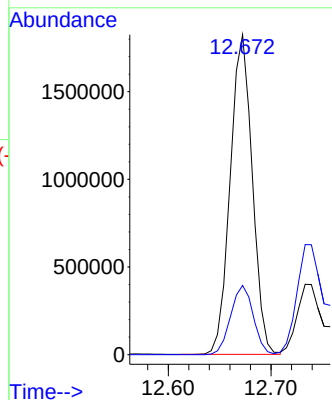
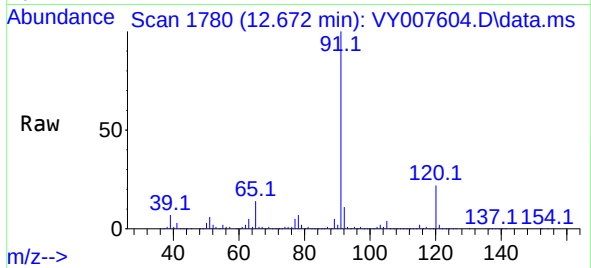




#78
n-propylbenzene
Concen: 777.066 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

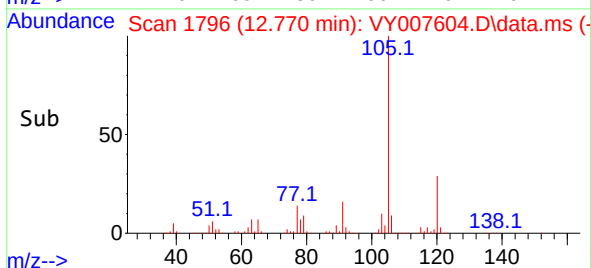
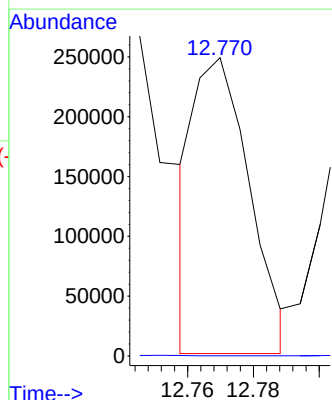
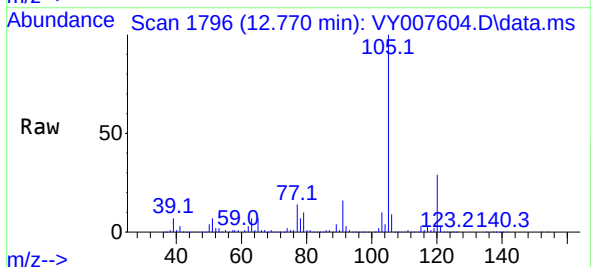
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

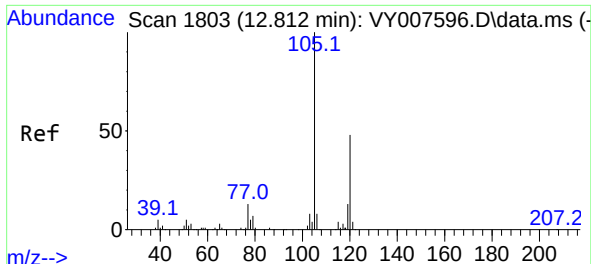
Tgt Ion: 91 Resp: 2719998
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.9



#79
2-Chlorotoluene
Concen: 148.885 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.019 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 91 Resp: 290124
Ion Ratio Lower Upper
91 100
126 0.2 16.9 50.6#

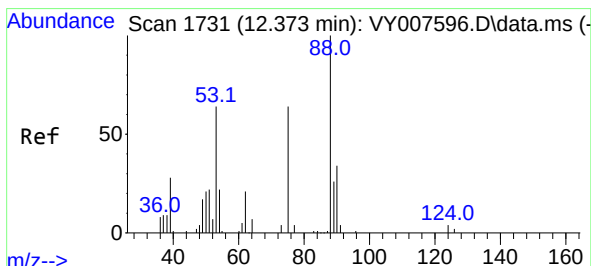
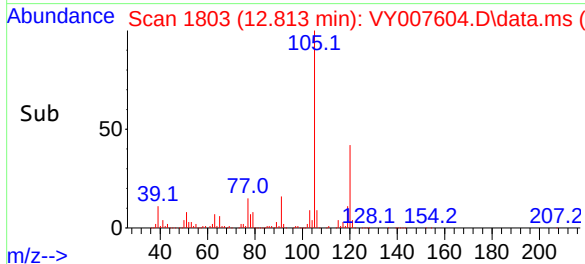
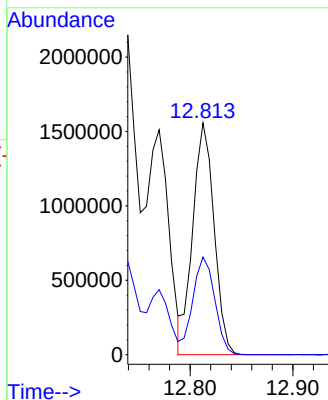
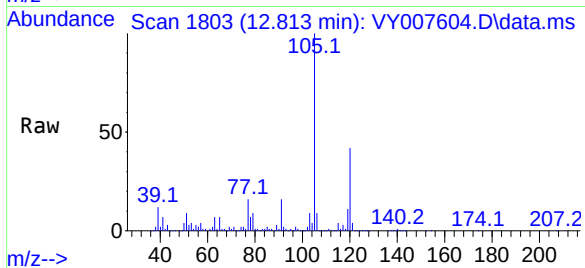




#80
1,3,5-Trimethylbenzene
Concen: 870.410 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

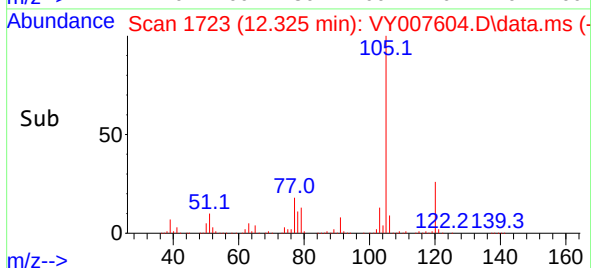
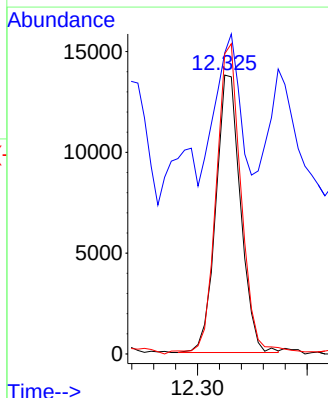
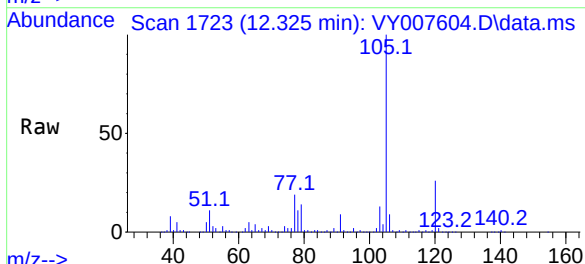
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

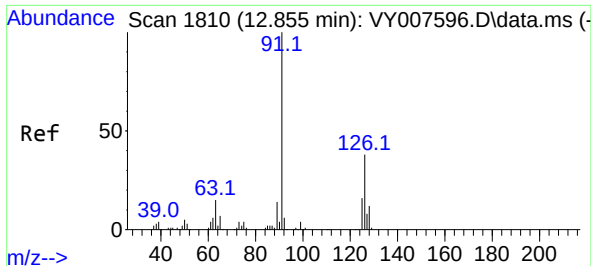
Tgt Ion:105 Resp: 2244141
Ion Ratio Lower Upper
105 100
120 43.6 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 117.606 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.048 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 75 Resp: 21524
Ion Ratio Lower Upper
75 100
53 87.0 85.3 127.9
89 114.3 37.0 55.4#

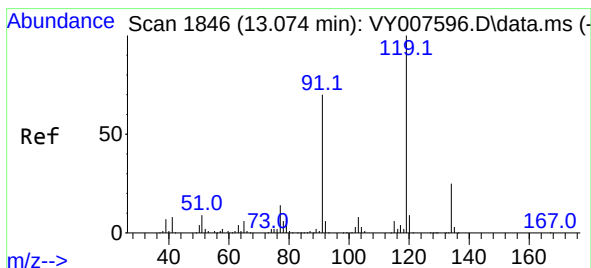
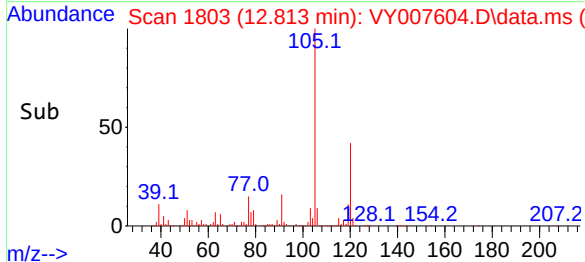
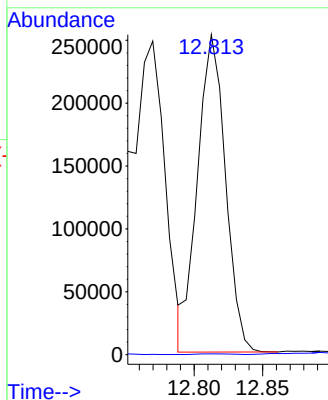
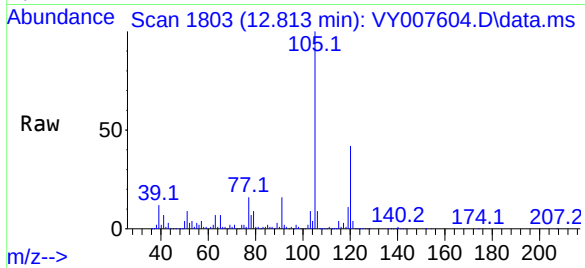




#82
4-Chlorotoluene
Concen: 180.148 ug/l
RT: 12.813 min Scan# 1810
Delta R.T. -0.043 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

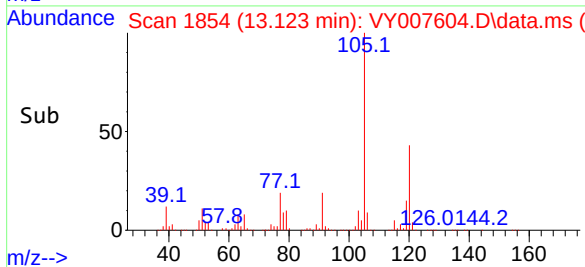
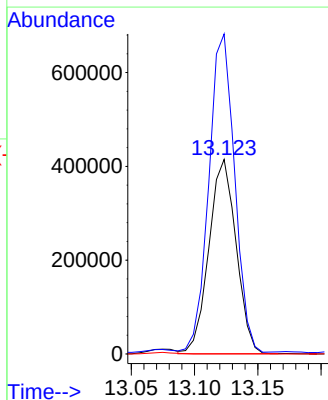
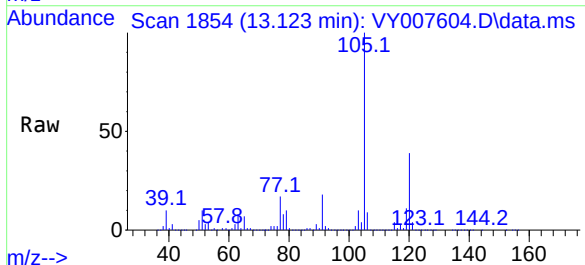
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

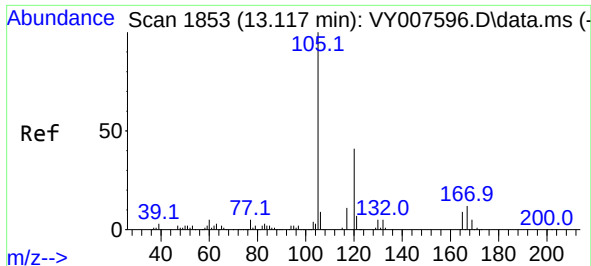
Tgt Ion: 91 Resp: 357994
Ion Ratio Lower Upper
91 100
126 0.3 17.0 51.0#



#83
tert-Butylbenzene
Concen: 269.118 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.049 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 119 Resp: 620055
Ion Ratio Lower Upper
119 100
91 154.8 34.8 104.4#
134 0.0 13.3 39.9#

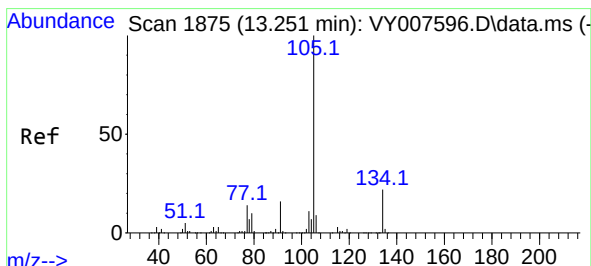
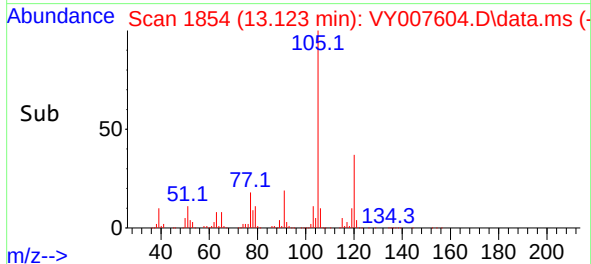
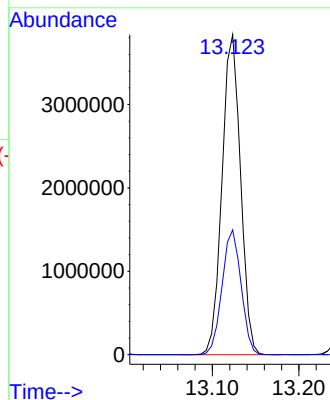
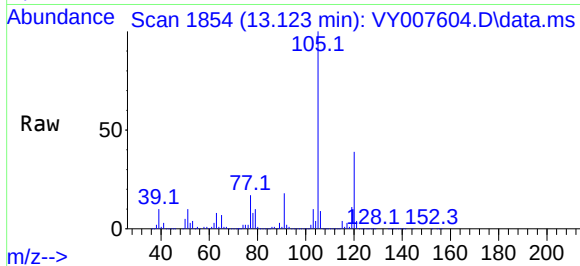




#84
1,2,4-Trimethylbenzene
Concen: 2254.018 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

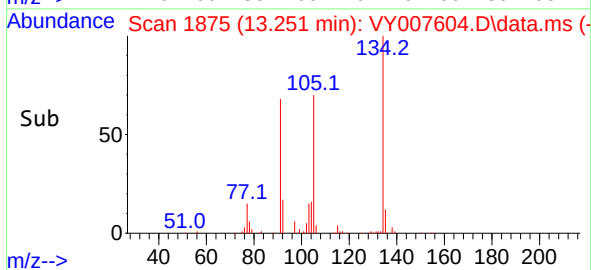
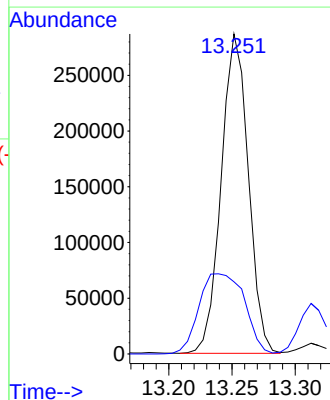
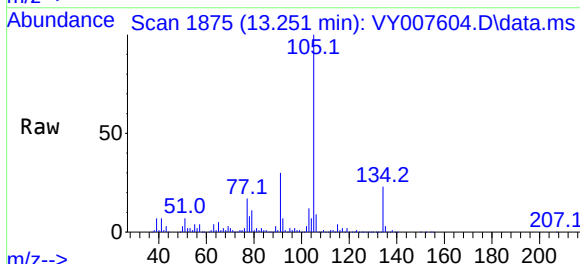
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

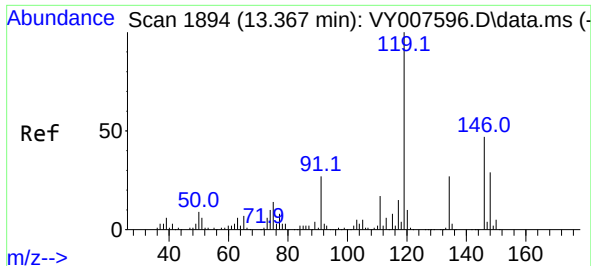
Tgt Ion:105 Resp: 5696040
Ion Ratio Lower Upper
105 100
120 40.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 131.263 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion:105 Resp: 427351
Ion Ratio Lower Upper
105 100
134 42.1 10.2 30.4#

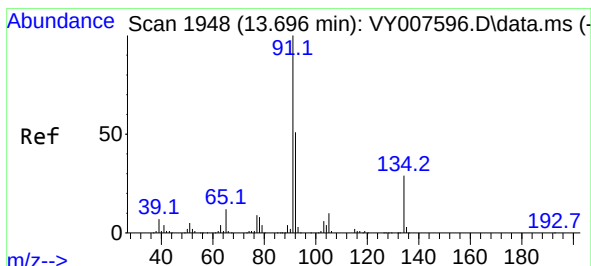
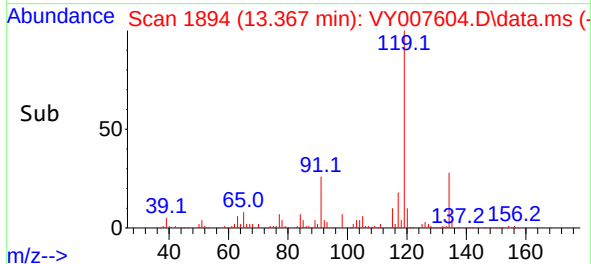
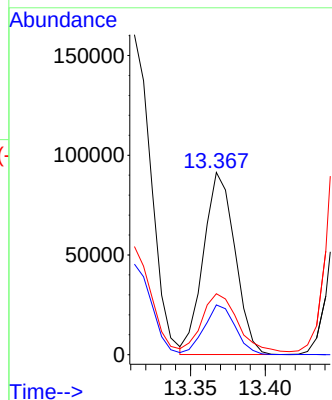
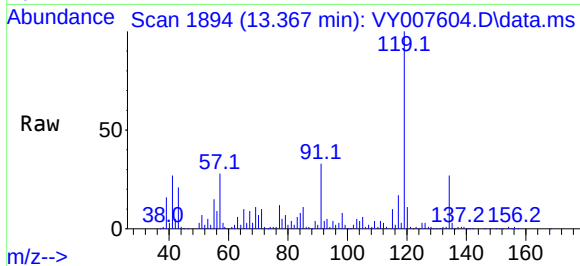




#86
p-Isopropyltoluene
Concen: 47.897 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

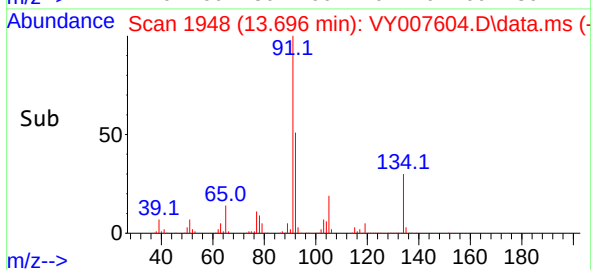
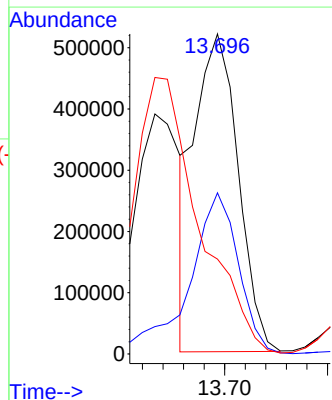
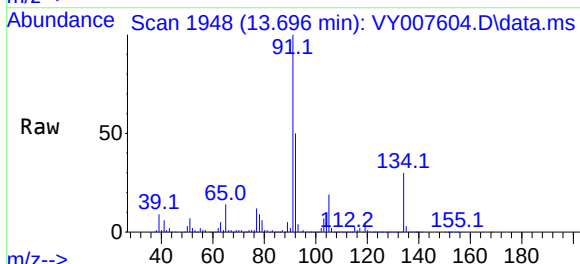
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

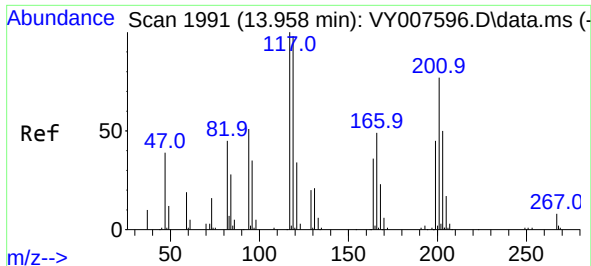
Tgt Ion:119 Resp: 134011
Ion Ratio Lower Upper
119 100
134 26.9 13.2 39.5
91 35.2 12.4 37.2



#89
n-Butylbenzene
Concen: 300.263 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Tgt Ion: 91 Resp: 756399
Ion Ratio Lower Upper
91 100
92 57.5 26.3 78.9
134 0.0 13.0 38.9#

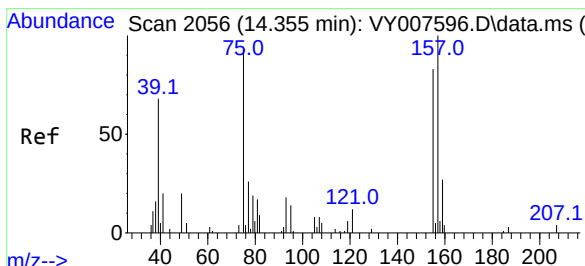
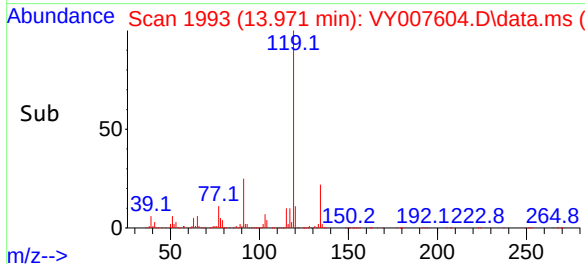
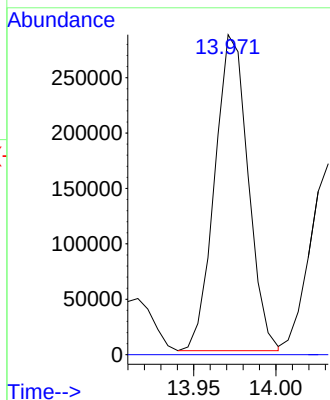
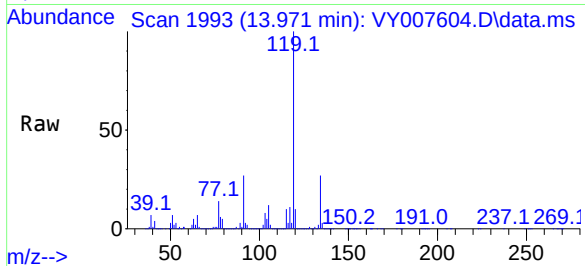




#90
Hexachloroethane
Concen: 713.730 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.013 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

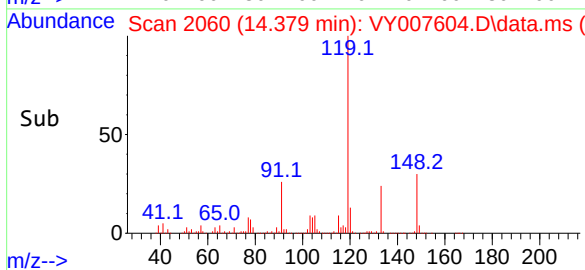
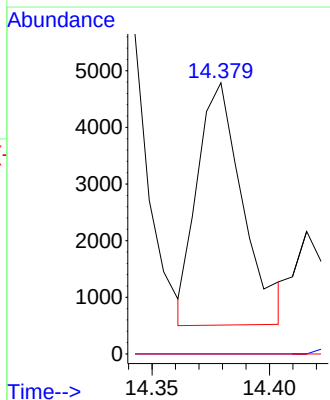
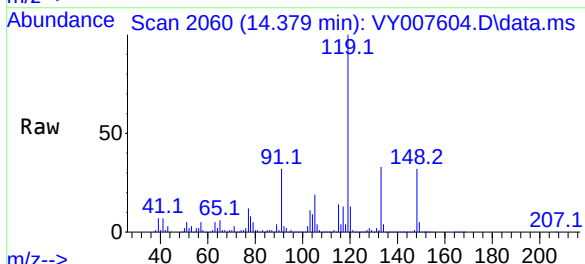
Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5

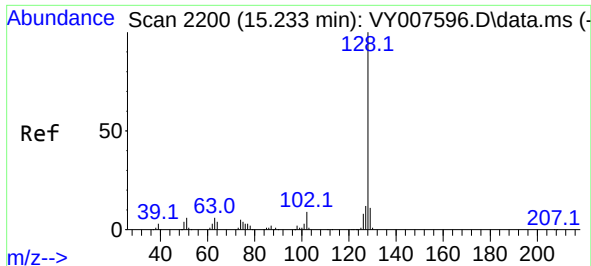
Tgt Ion:117 Resp: 402516
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.058 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.024 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

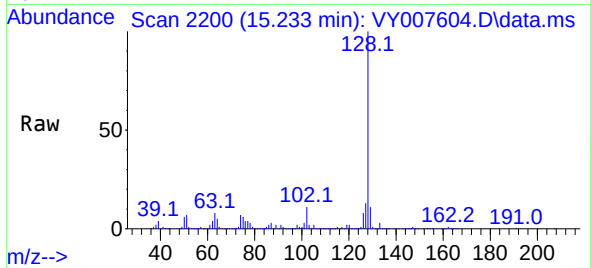
Tgt Ion: 75 Resp: 5754
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#





#95
Naphthalene
Concen: 429.409 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007604.D
Acq: 23 Feb 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
D13-7.5



Tgt Ion:128 Resp: 856806

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.2	8.4	12.6

