

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020158.D
 Acq On : 05 Nov 2024 11:48
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:21:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	219084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	400236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	344751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138756	50.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.500%	
35) Dibromofluoromethane	7.634	113	126431	49.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.360%	
50) Toluene-d8	10.103	98	498174	49.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.408	95	163288	49.631	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38785	19.125	ug/l	95
3) Chloromethane	2.068	50	72173	21.485	ug/l	96
4) Vinyl Chloride	2.208	62	75105	20.826	ug/l	99
5) Bromomethane	2.592	94	51984	21.712	ug/l	93
6) Chloroethane	2.732	64	51334	22.057	ug/l	91
7) Trichlorofluoromethane	3.056	101	93782	21.288	ug/l	99
8) Diethyl Ether	3.452	74	26303	21.407	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.812	101	51025	20.650	ug/l	92
10) Methyl Iodide	4.007	142	48087	20.157	ug/l	92
11) Tert butyl alcohol	4.854	59	21240	107.993	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	48108	20.349	ug/l	# 73
13) Acrolein	3.653	56	22292	91.049	ug/l	99
14) Allyl chloride	4.385	41	90451	21.205	ug/l	# 90
15) Acrylonitrile	5.055	53	58780	105.093	ug/l	97
16) Acetone	3.866	43	60902	95.776	ug/l	# 86
17) Carbon Disulfide	4.104	76	155668	19.786	ug/l	97
18) Methyl Acetate	4.391	43	31849	21.347	ug/l	# 86
19) Methyl tert-butyl Ether	5.122	73	126852	21.327	ug/l	100
20) Methylene Chloride	4.616	84	53554	18.748	ug/l	# 74
21) trans-1,2-Dichloroethene	5.110	96	54677	20.507	ug/l	92
22) Diisopropyl ether	6.018	45	190931	21.570	ug/l	# 88
23) Vinyl Acetate	5.958	43	512747	102.932	ug/l	# 88
24) 1,1-Dichloroethane	5.921	63	109377	21.340	ug/l	95
25) 2-Butanone	6.896	43	85046	98.666	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	85945	20.154	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	64673	21.101	ug/l	83
28) Bromochloromethane	7.244	49	48486	20.203	ug/l	# 72
29) Tetrahydrofuran	7.268	42	52903	106.351	ug/l	# 81
30) Chloroform	7.421	83	110591	21.744	ug/l	96
31) Cyclohexane	7.701	56	99021	19.956	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	92044	20.728	ug/l	# 93
36) 1,1-Dichloropropene	7.841	75	80938	20.590	ug/l	92
37) Ethyl Acetate	6.988	43	35645	19.019	ug/l	# 77
38) Carbon Tetrachloride	7.817	117	78366	19.825	ug/l	96
39) Methylcyclohexane	9.109	83	96349	19.312	ug/l	# 88
40) Benzene	8.079	78	235790	20.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	54092	57.617	ug/l #	15
42) 1,2-Dichloroethane	8.158	62	65229	20.538	ug/l	94
43) Isopropyl Acetate	8.201	43	71628	19.875	ug/l #	79
44) Trichloroethene	8.866	130	53623	20.165	ug/l	86
45) 1,2-Dichloropropane	9.140	63	57000	20.764	ug/l	99
46) Dibromomethane	9.231	93	30608	20.578	ug/l #	88
47) Bromodichloromethane	9.426	83	82336	21.130	ug/l	93
48) Methyl methacrylate	9.219	41	33012	19.776	ug/l #	81
49) 1,4-Dioxane	9.231	88	6609	431.569	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	192306	103.558	ug/l	88
52) Toluene	10.170	92	144445	20.423	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	70327	20.438	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	83612	20.358	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	39785	21.512	ug/l	90
56) Ethyl methacrylate	10.438	69	52839	19.918	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	69846	20.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	132199	101.045	ug/l	91
59) 2-Hexanone	10.762	43	130051	97.686	ug/l	86
60) Dibromochloromethane	10.908	129	49248	20.890	ug/l	99
61) 1,2-Dibromoethane	11.011	107	35399	20.602	ug/l	96
64) Tetrachloroethene	10.646	164	48101	21.131	ug/l	93
65) Chlorobenzene	11.444	112	150066	20.429	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	49836	21.234	ug/l	99
67) Ethyl Benzene	11.517	91	280512	20.428	ug/l	96
68) m/p-Xylenes	11.627	106	206241	41.051	ug/l	90
69) o-Xylene	11.956	106	98127	20.630	ug/l	93
70) Styrene	11.969	104	163688	20.814	ug/l	95
71) Bromoform	12.133	173	25336	21.043	ug/l #	99
73) Isopropylbenzene	12.255	105	256975	19.851	ug/l	99
74) N-amyl acetate	12.072	43	64724	20.002	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	45541	20.116	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	59120	38.920	ug/l #	100
77) Bromobenzene	12.530	156	53050	20.264	ug/l	84
78) n-propylbenzene	12.597	91	326331	20.255	ug/l	96
79) 2-Chlorotoluene	12.676	91	179241	20.043	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	212931	20.489	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	13306	18.842	ug/l #	80
82) 4-Chlorotoluene	12.779	91	189077	20.736	ug/l	94
83) tert-Butylbenzene	12.999	119	186673	20.541	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	212510	20.645	ug/l	95
85) sec-Butylbenzene	13.176	105	283747	20.339	ug/l	97
86) p-Isopropyltoluene	13.292	119	224670	20.068	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	108248	20.353	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	105661	19.950	ug/l	95
89) n-Butylbenzene	13.615	91	220013	19.605	ug/l	98
90) Hexachloroethane	13.877	117	43765	19.767	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	94848	20.517	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6537	19.040	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	47452	19.108	ug/l	96
94) Hexachlorobutadiene	15.023	225	26470	19.492	ug/l	97
95) Naphthalene	15.145	128	84549	18.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	38508	18.267	ug/l	97

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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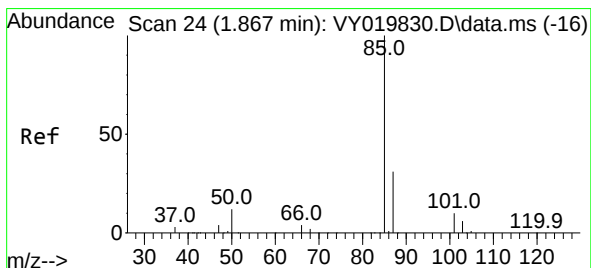
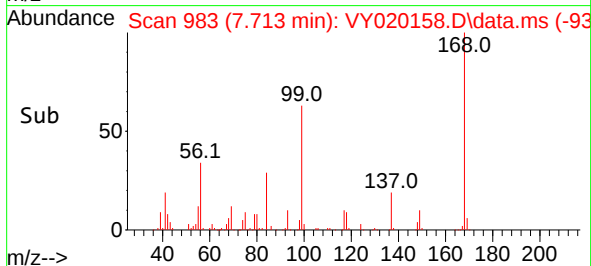
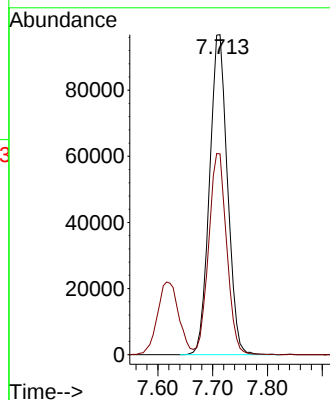
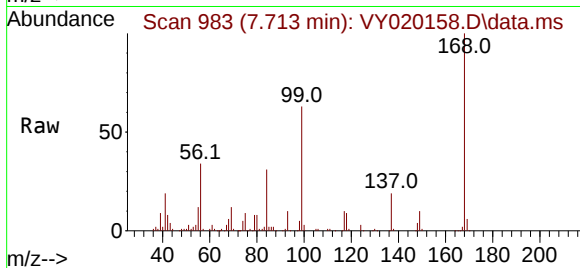
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

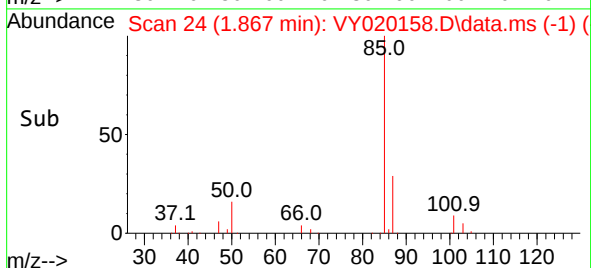
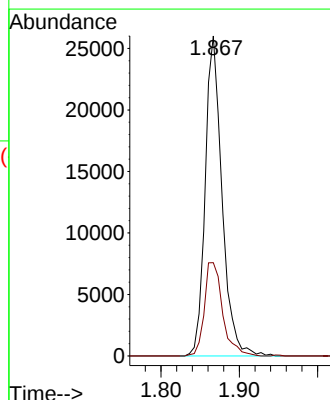
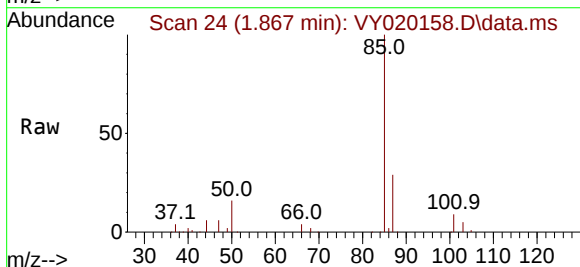
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 219084
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.125 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 85 Resp: 38785
Ion Ratio Lower Upper
85 100
87 29.2 16.0 48.0

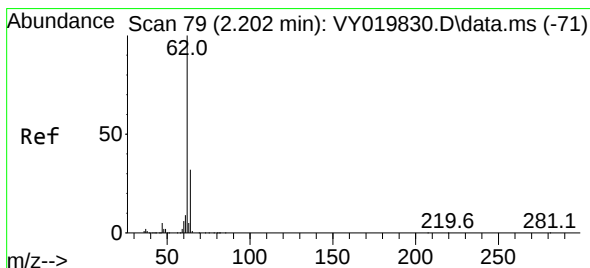
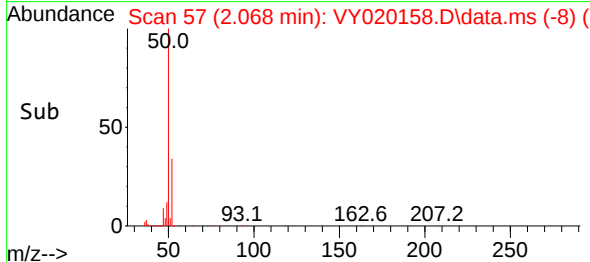
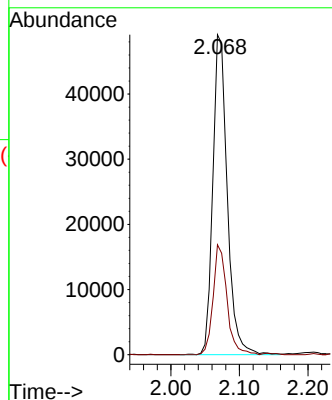
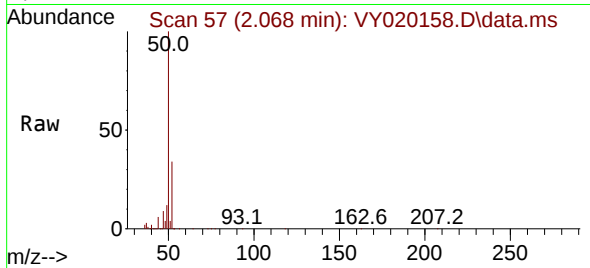




#3
Chloromethane
Concen: 21.485 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

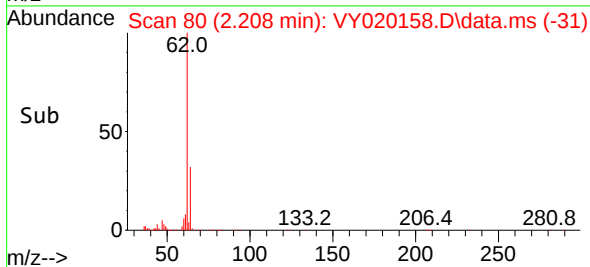
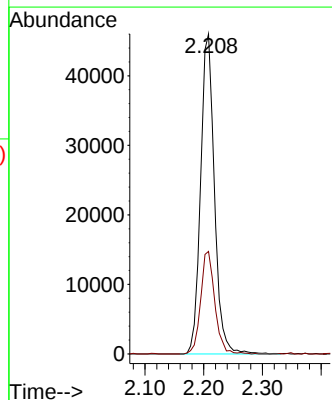
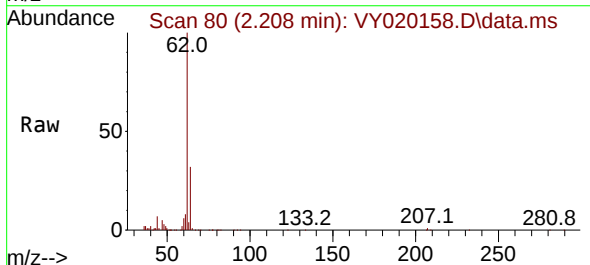
Instrument :
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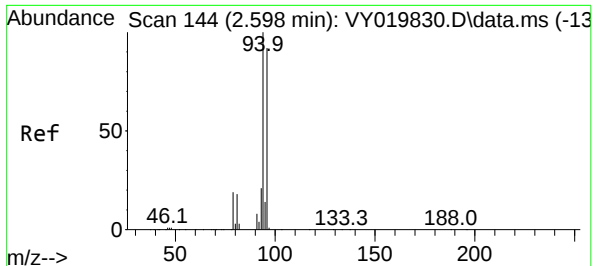
Tgt Ion: 50 Resp: 72173
Ion Ratio Lower Upper
50 100
52 34.4 25.6 38.4



#4
Vinyl Chloride
Concen: 20.826 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 62 Resp: 75105
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

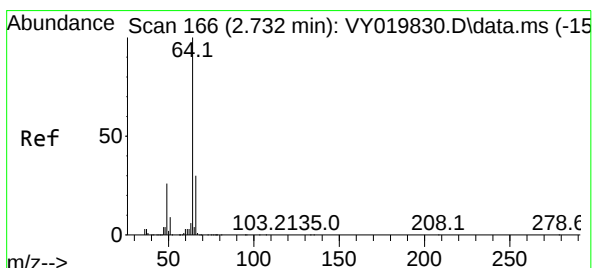
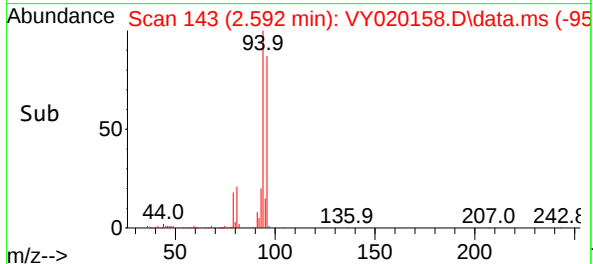
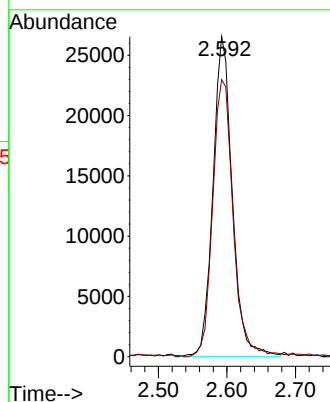
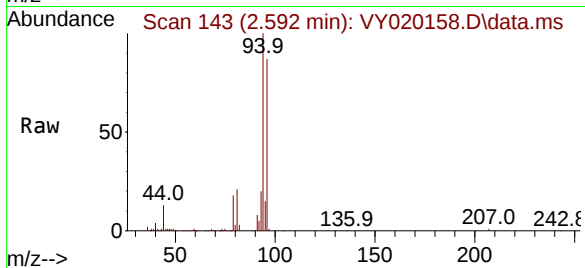




#5
Bromomethane
Concen: 21.712 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

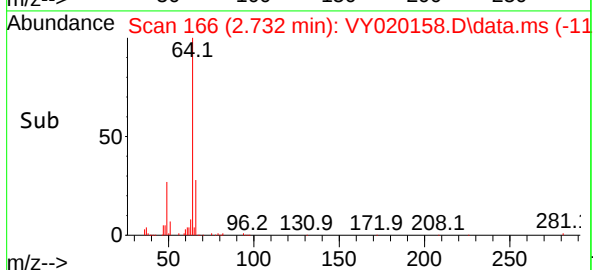
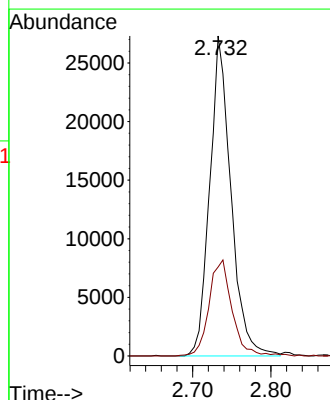
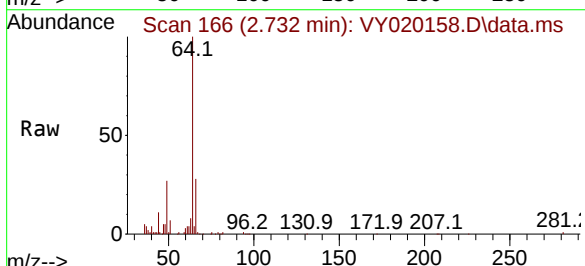
Instrument :
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ClientSampleId :

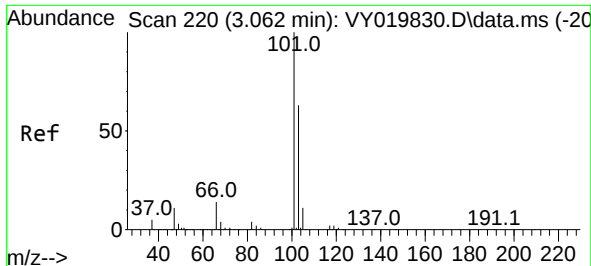
Tgt Ion: 94 Resp: 51984
Ion Ratio Lower Upper
94 100
96 86.2 74.1 111.1



#6
Chloroethane
Concen: 22.057 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 64 Resp: 51334
Ion Ratio Lower Upper
64 100
66 27.6 26.1 39.1

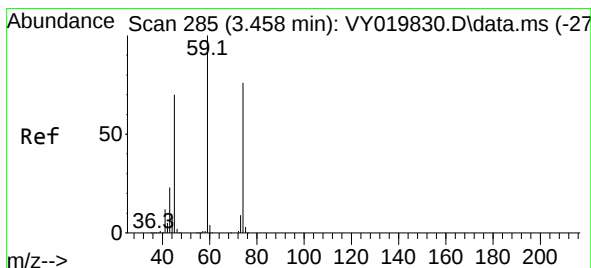
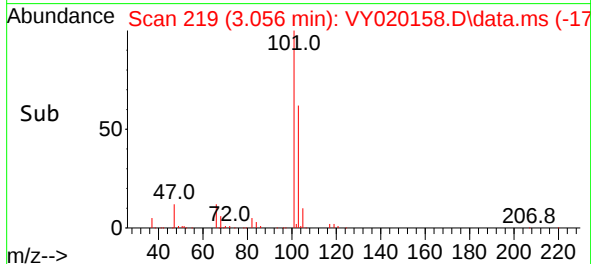
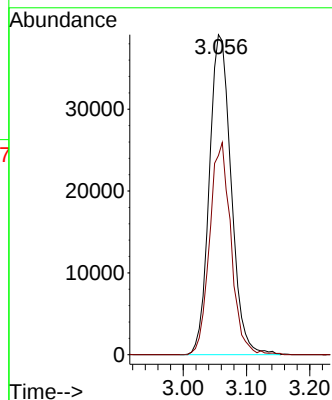
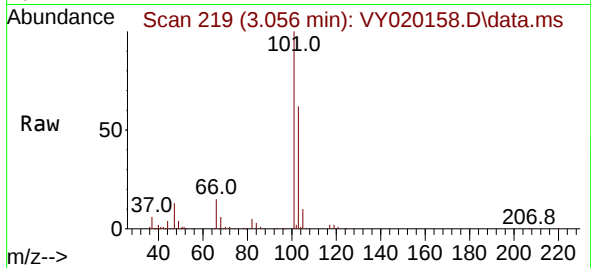




#7
 Trichlorofluoromethane
 Concen: 21.288 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020158.D
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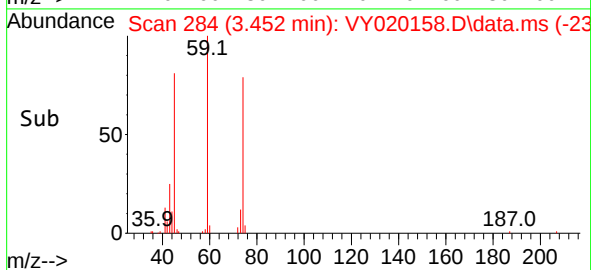
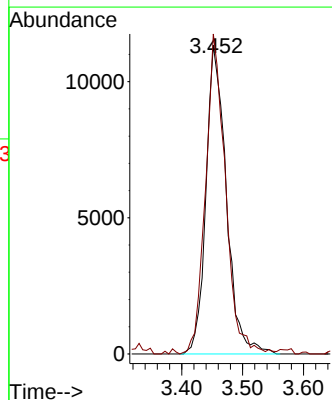
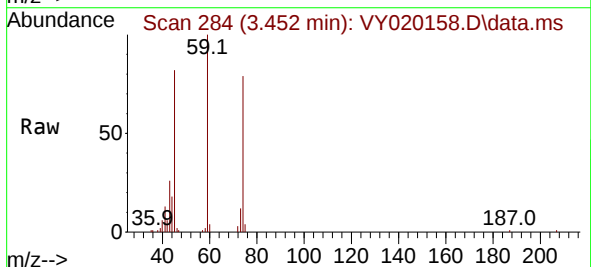
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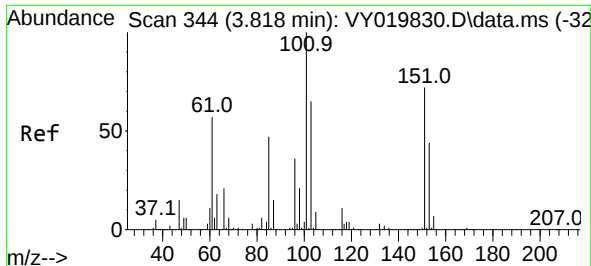
Tgt Ion:101 Resp: 93782
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.407 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

Tgt Ion: 74 Resp: 26303
 Ion Ratio Lower Upper
 74 100
 45 101.5 41.3 124.1

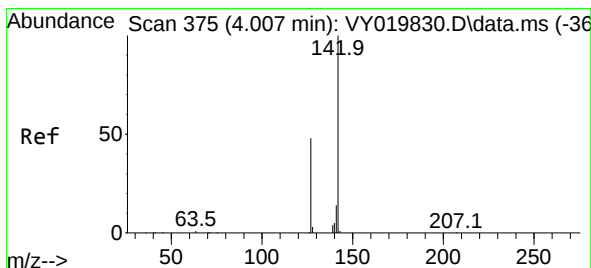
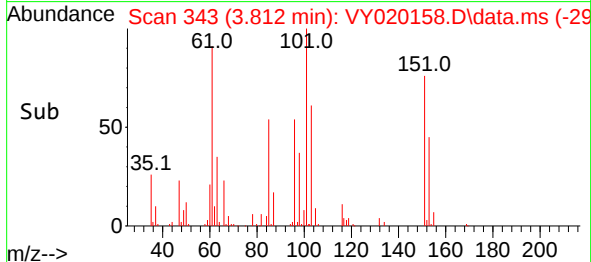
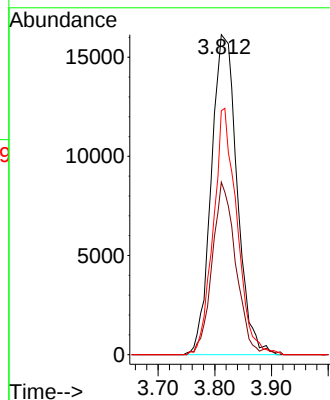
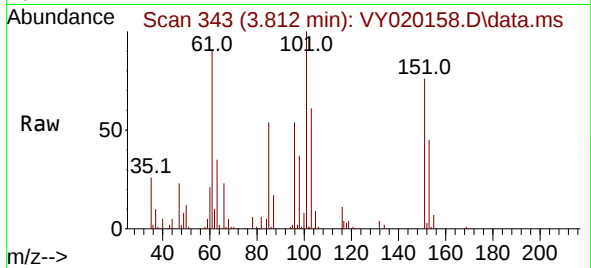




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.650 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

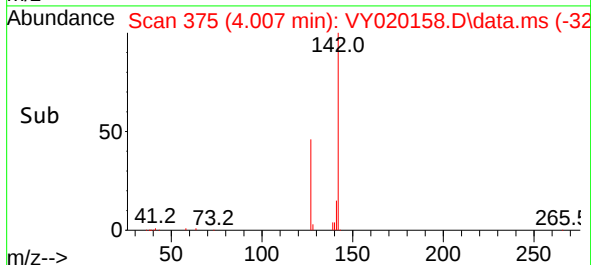
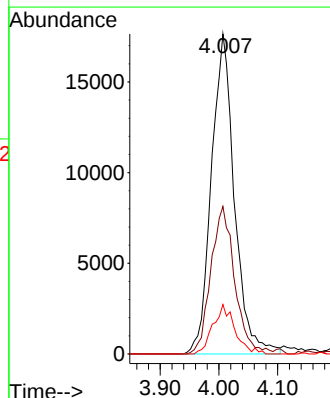
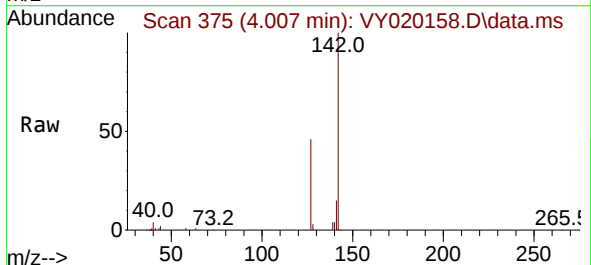
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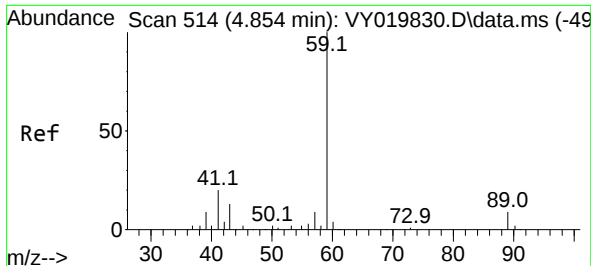
Tgt Ion:101 Resp: 51025
Ion Ratio Lower Upper
101 100
85 49.0 34.5 51.7
151 70.4 61.7 92.5



#10
Methyl Iodide
Concen: 20.157 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:142 Resp: 48087
Ion Ratio Lower Upper
142 100
127 47.7 32.8 49.2
141 14.7 11.4 17.2

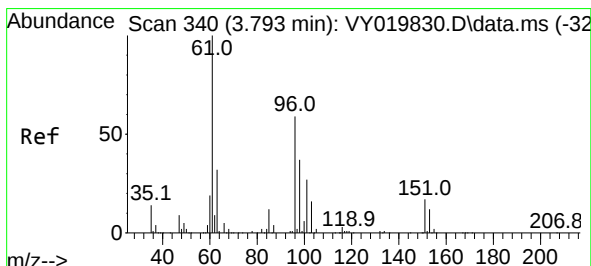
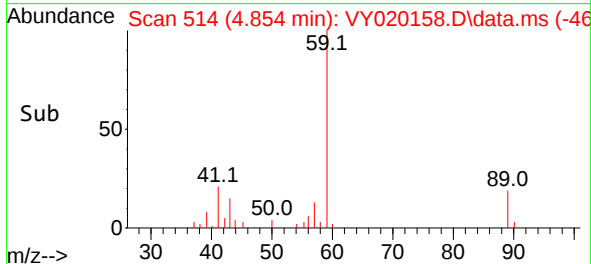
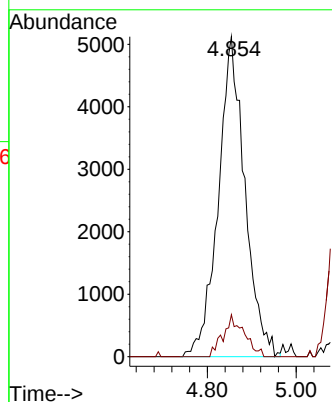
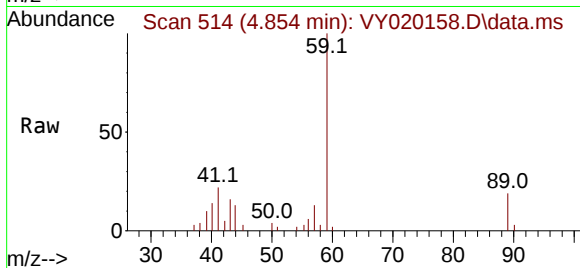




#11
Tert butyl alcohol
Concen: 107.993 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

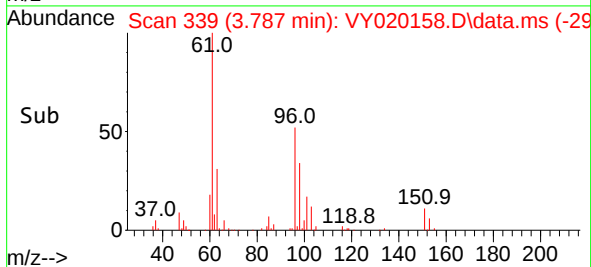
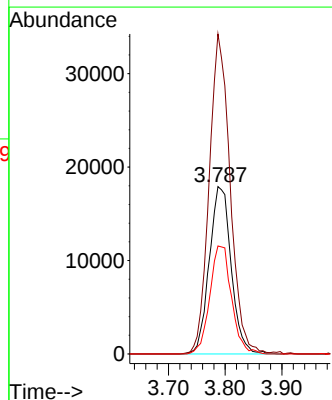
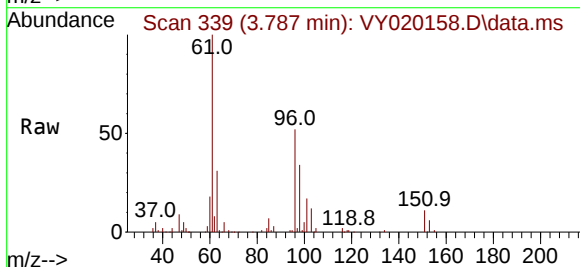
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 21240
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.349 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 96 Resp: 48108
Ion Ratio Lower Upper
96 100
61 191.2 114.6 171.8#
98 64.5 50.8 76.2

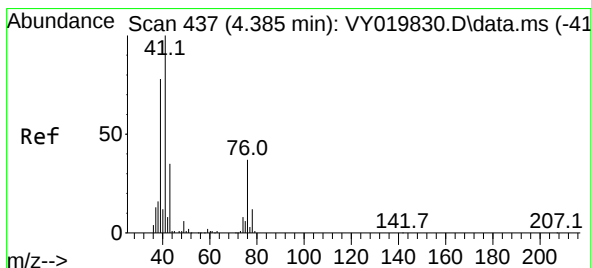
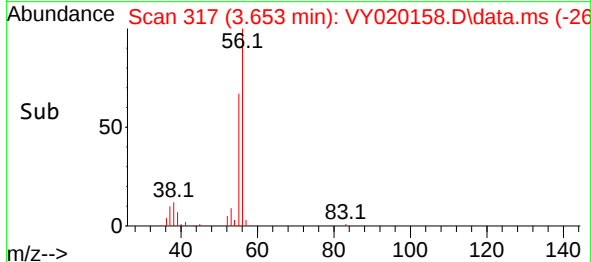
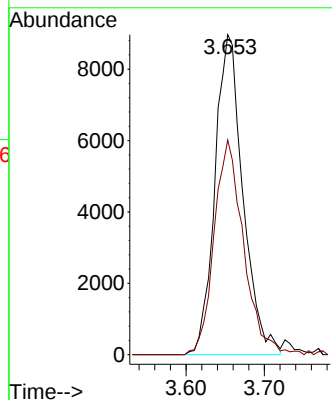
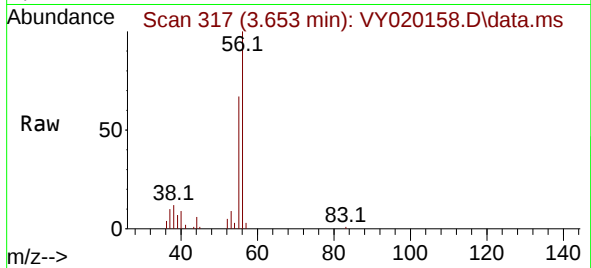




#13
Acrolein
Concen: 91.049 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

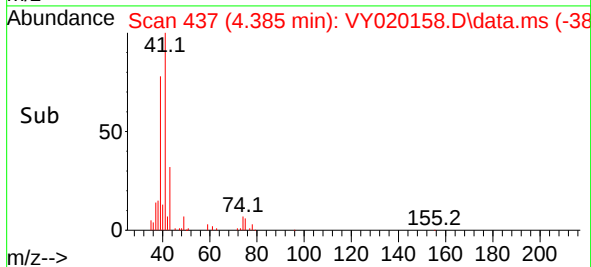
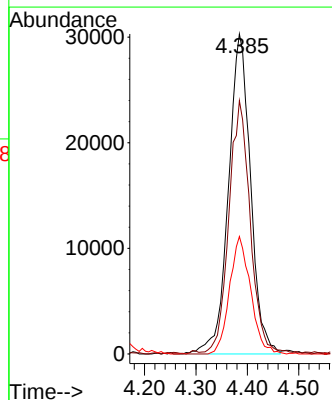
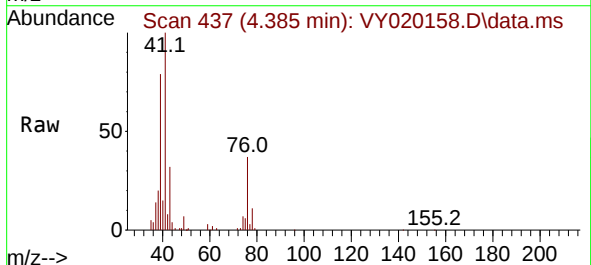
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 22292
Ion Ratio Lower Upper
56 100
55 70.6 55.7 83.5



#14
Allyl chloride
Concen: 21.205 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 41 Resp: 90451
Ion Ratio Lower Upper
41 100
39 75.6 58.3 87.5
76 35.0 39.0 58.6#

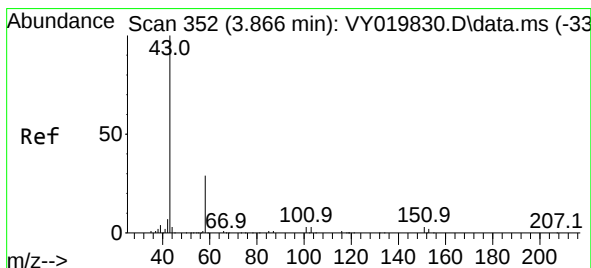
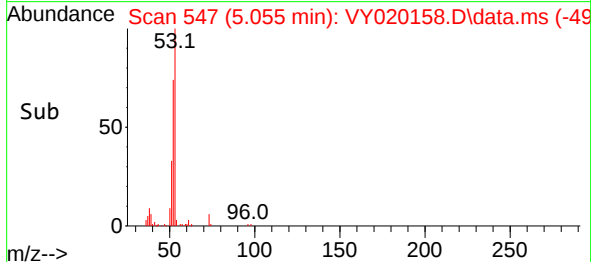
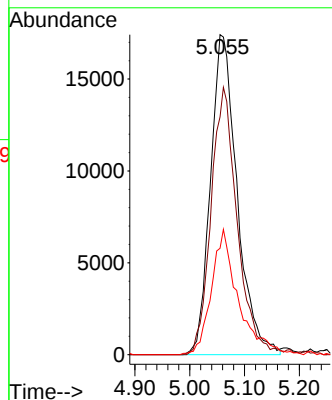
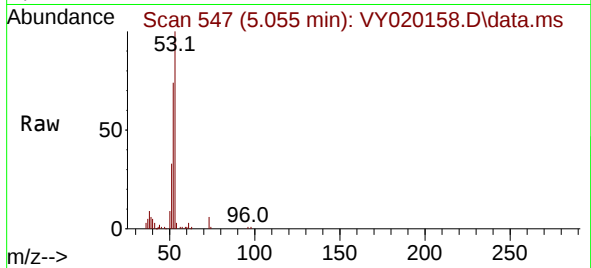




#15
Acrylonitrile
Concen: 105.093 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

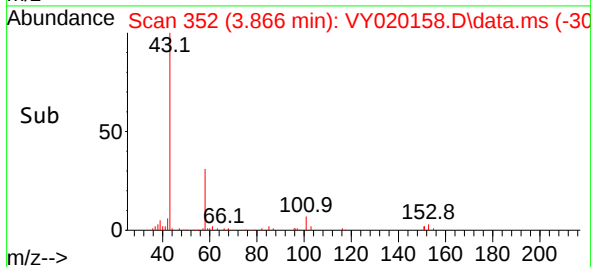
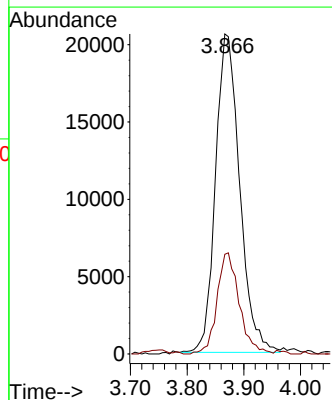
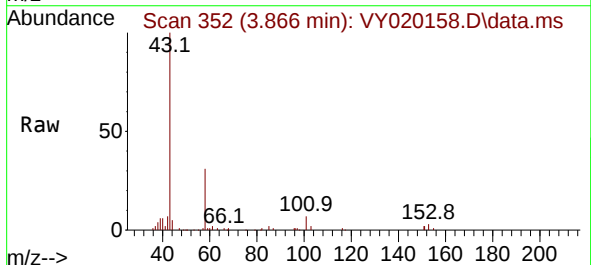
Instrument :
MSVOA_Y
ClientSampleId :

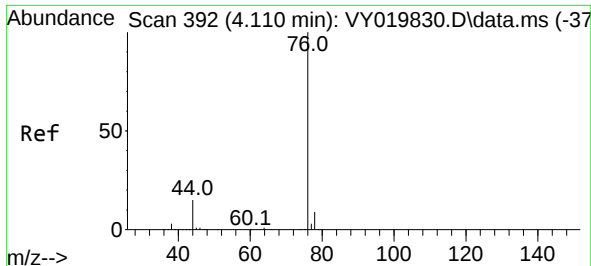
Tgt Ion: 53 Resp: 58780
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 39.5 28.4 42.6



#16
Acetone
Concen: 95.776 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 43 Resp: 60902
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#

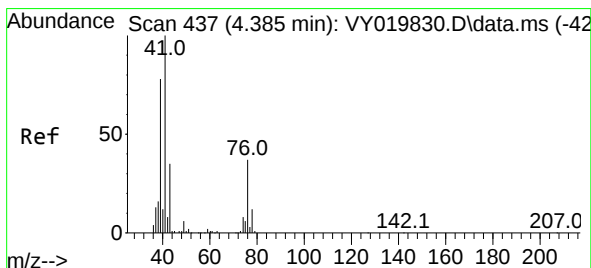
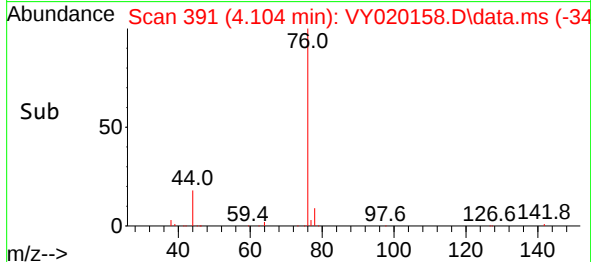
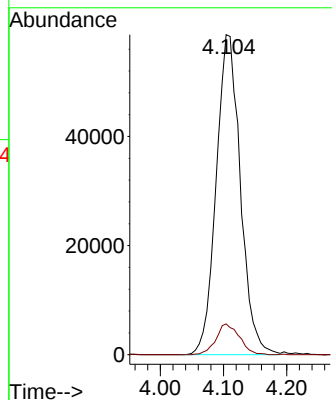
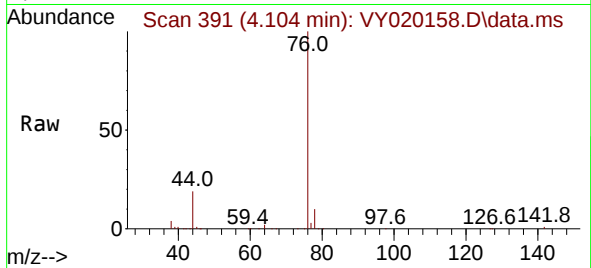




#17
Carbon Disulfide
Concen: 19.786 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

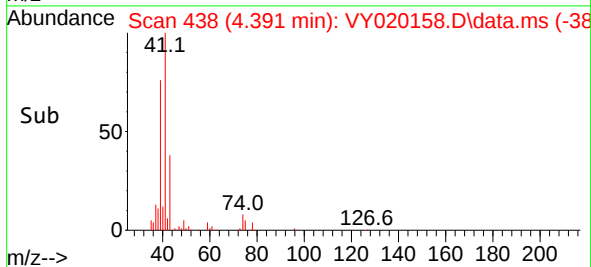
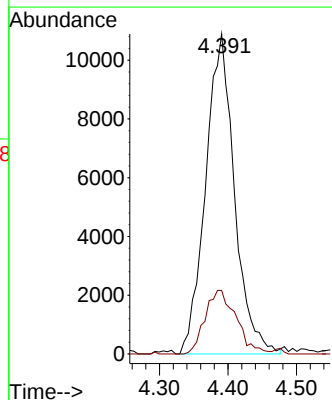
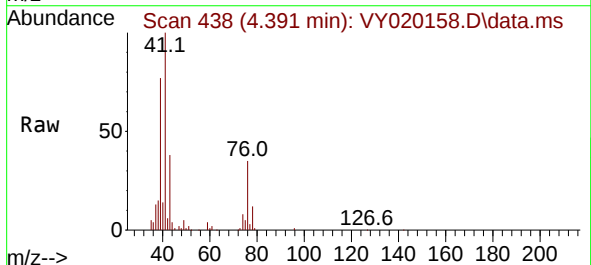
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 155668
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.347 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 43 Resp: 31849
Ion Ratio Lower Upper
43 100
74 21.5 23.3 34.9#

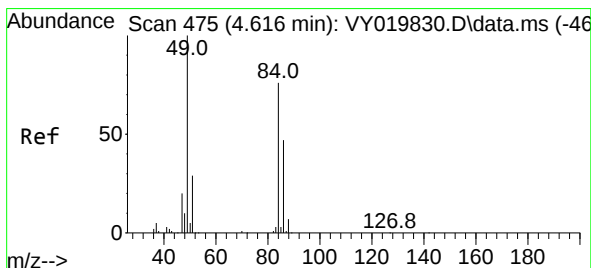
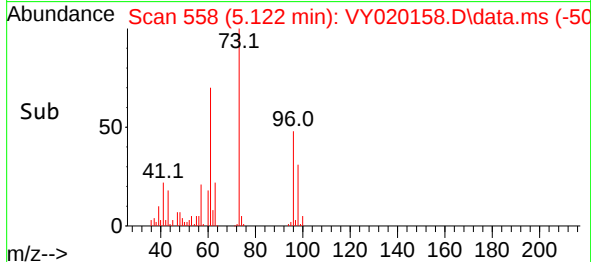
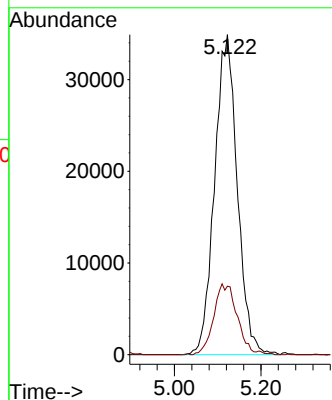
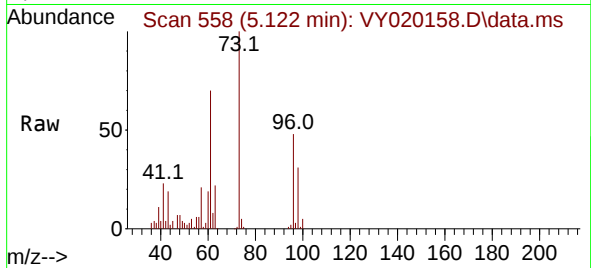




#19
Methyl tert-butyl Ether
Concen: 21.327 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

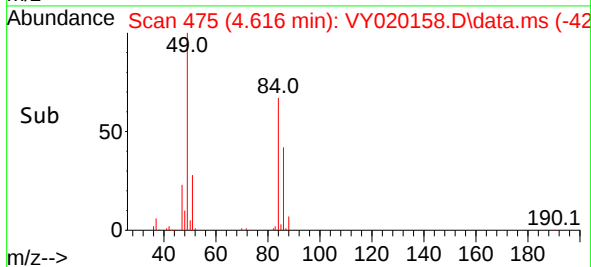
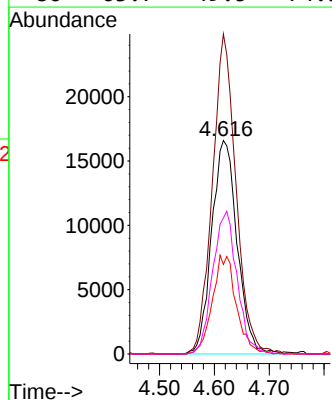
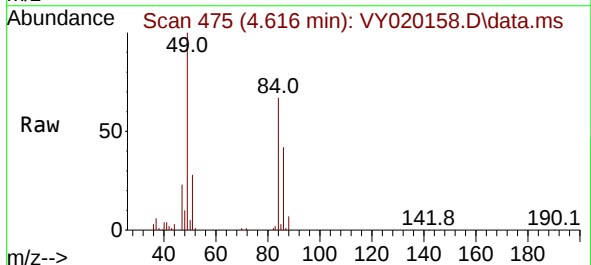
Instrument :
MSVOA_Y
ClientSampleId :

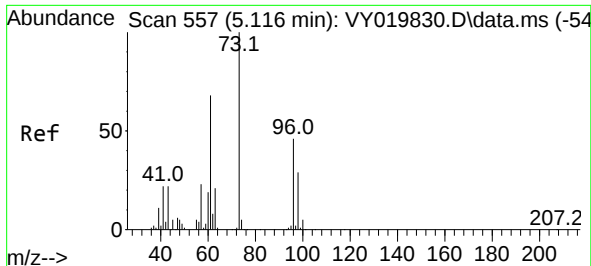
Tgt Ion: 73 Resp: 126852
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 18.748 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 84 Resp: 53554
Ion Ratio Lower Upper
84 100
49 149.9 84.4 126.6#
51 42.0 26.0 39.0#
86 63.7 49.5 74.3

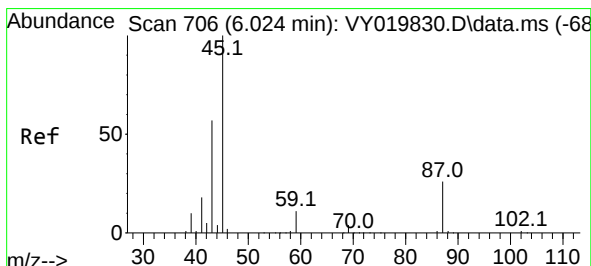
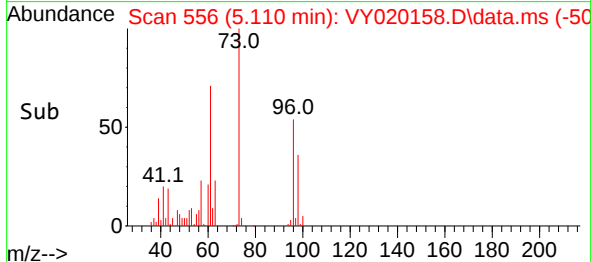
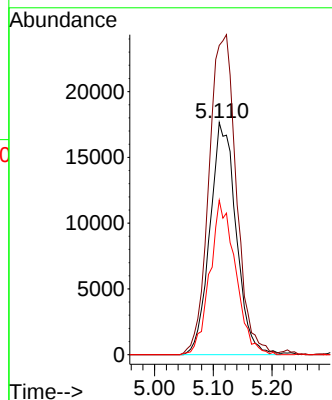
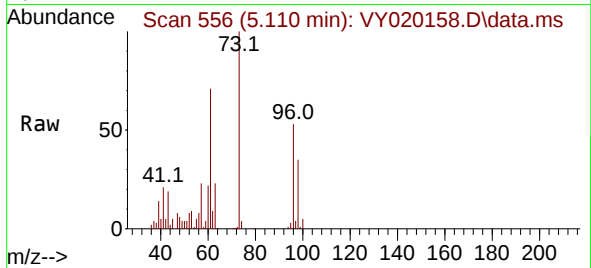




#21
trans-1,2-Dichloroethene
Concen: 20.507 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

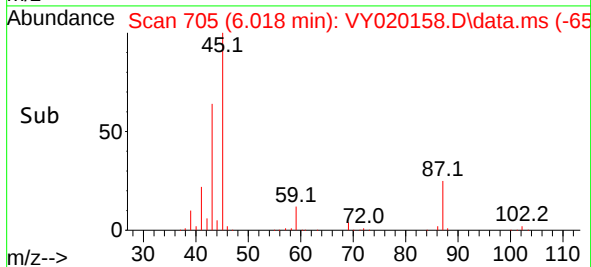
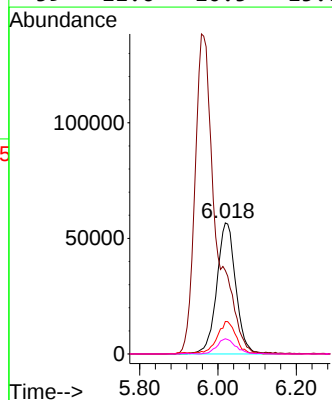
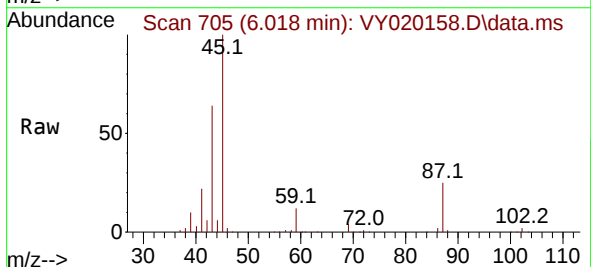
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 54677
Ion Ratio Lower Upper
96 100
61 133.2 97.5 146.3
98 66.5 50.5 75.7



#22
Diisopropyl ether
Concen: 21.570 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 45 Resp: 190931
Ion Ratio Lower Upper
45 100
43 62.9 42.2 63.2
87 24.8 25.0 37.6#
59 11.6 10.5 15.7

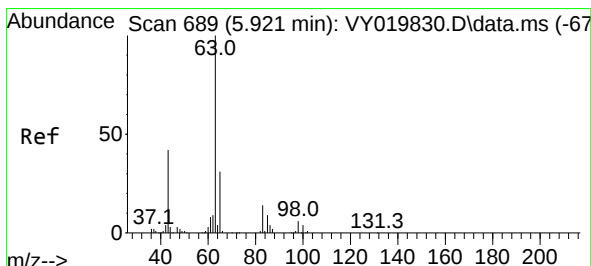
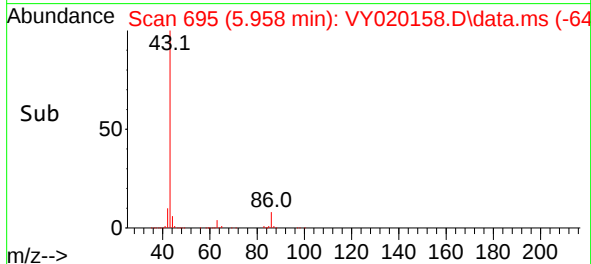
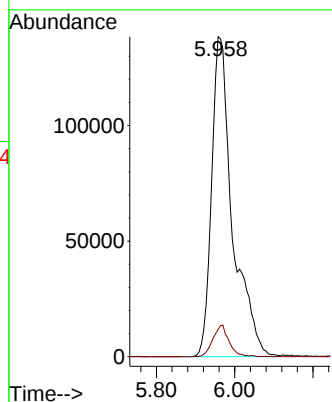
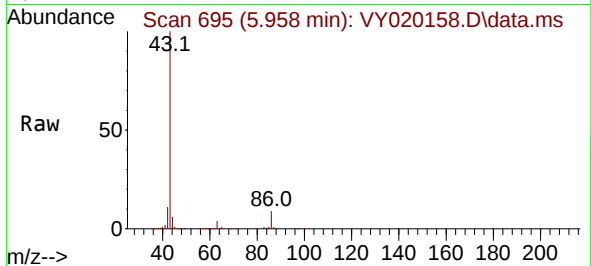




#23
 Vinyl Acetate
 Concen: 102.932 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

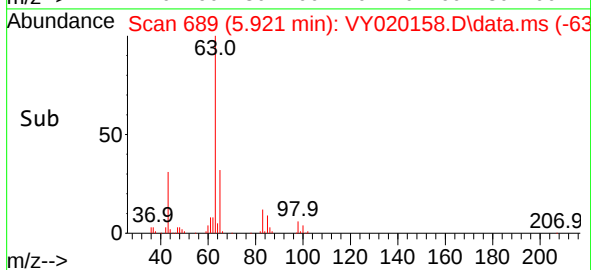
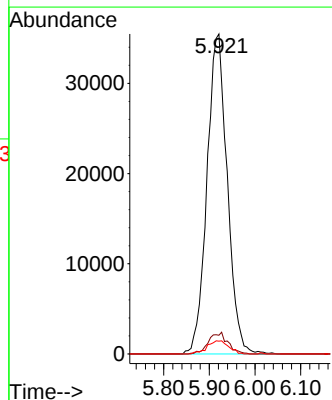
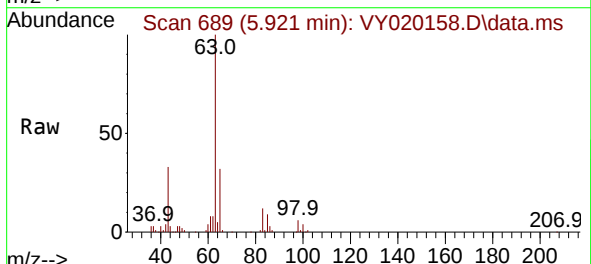
Instrument :
 MSVOA_Y
 ClientSampleId :

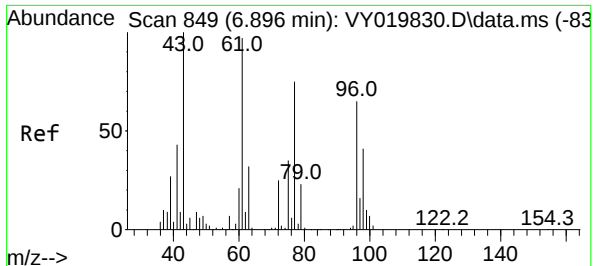
Tgt Ion: 43 Resp: 512747
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.340 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

Tgt Ion: 63 Resp: 109377
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 98.666 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

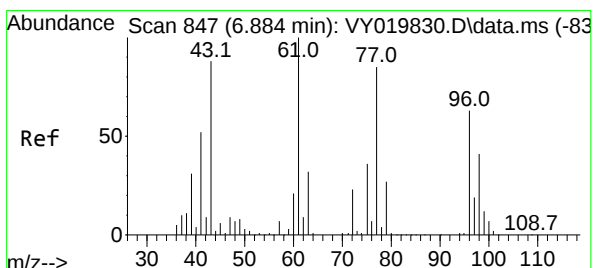
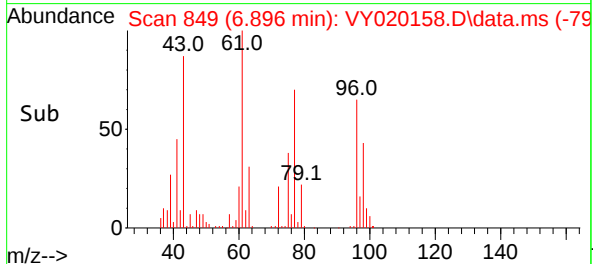
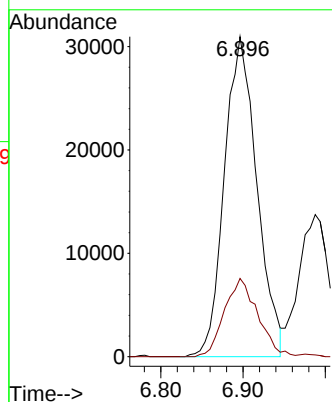
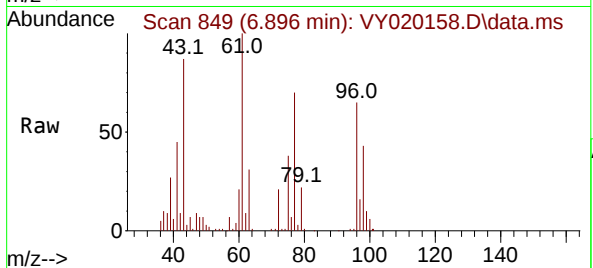
ClientSampleId :

Tgt Ion: 43 Resp: 85046

Ion Ratio Lower Upper

43 100

72 24.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.154 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020158.D

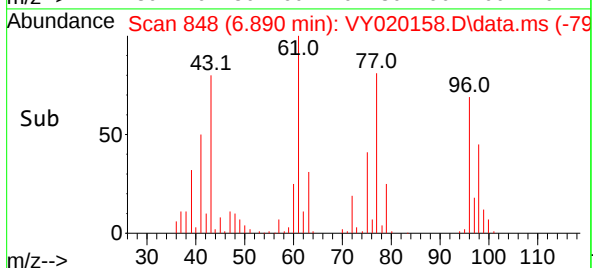
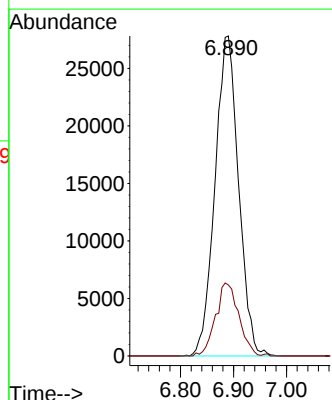
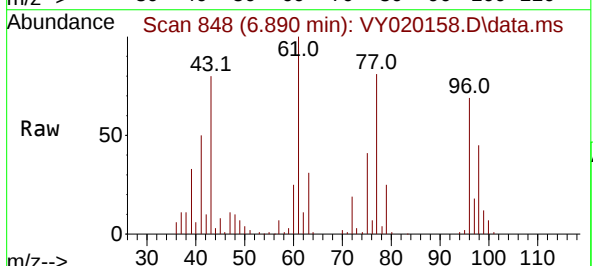
Acq: 05 Nov 2024 11:48

Tgt Ion: 77 Resp: 85945

Ion Ratio Lower Upper

77 100

97 22.3 12.0 36.1

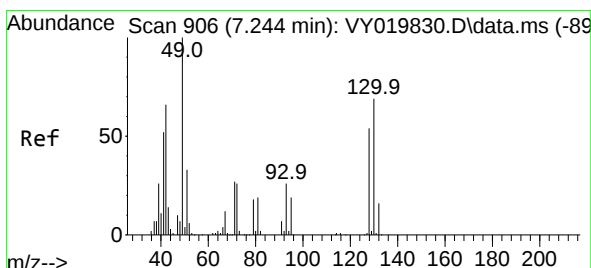
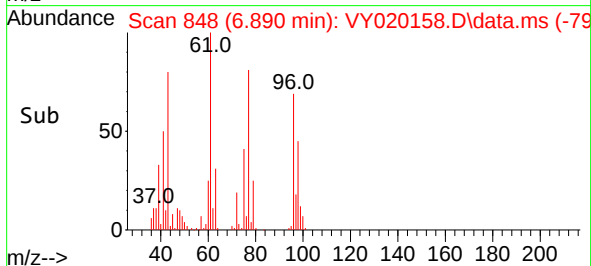
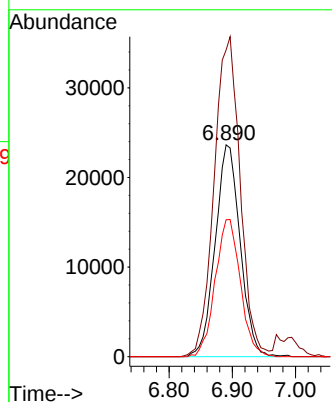
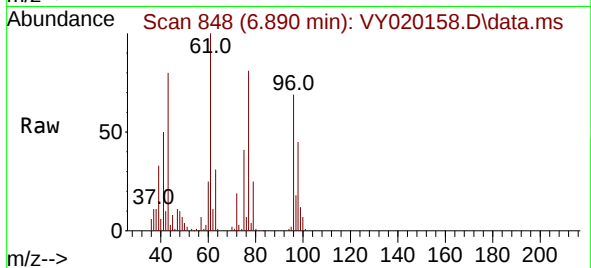




#27
 cis-1,2-Dichloroethene
 Concen: 21.101 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

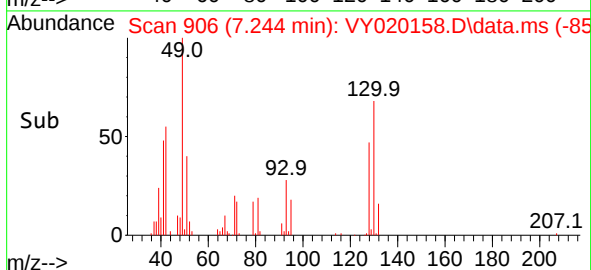
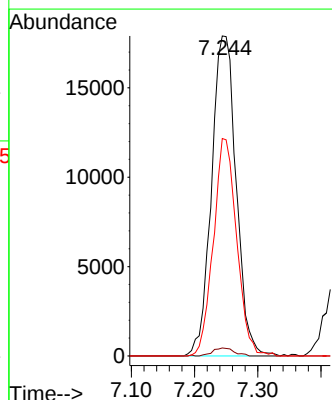
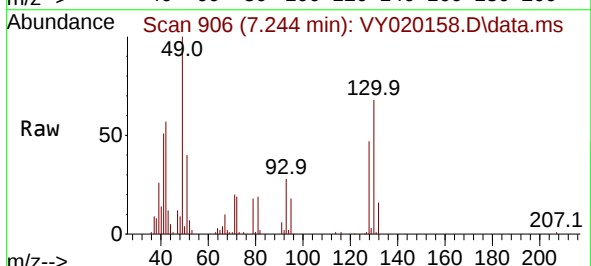
Instrument :
 MSVOA_Y
 ClientSampleId :

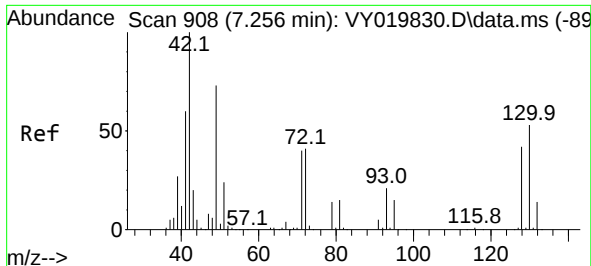
Tgt Ion: 96 Resp: 64673
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 256.2
 98 65.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.203 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

Tgt Ion: 49 Resp: 48486
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 64.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 106.351 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

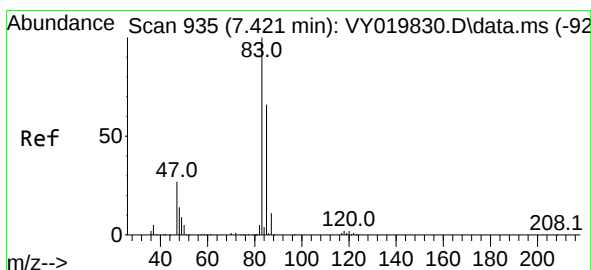
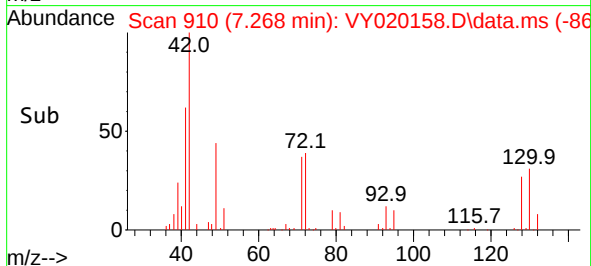
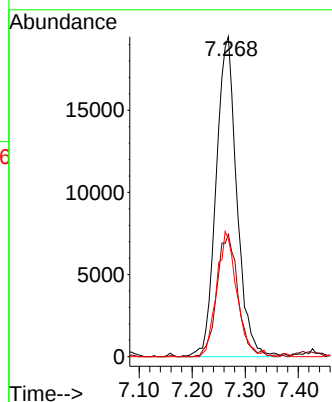
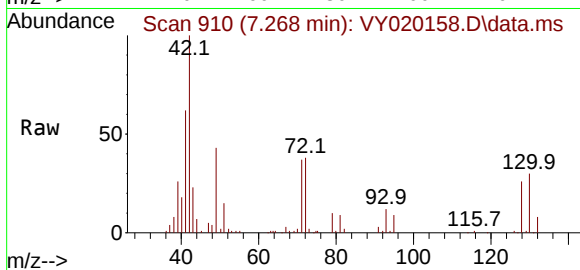
Tgt Ion: 42 Resp: 52903

Ion Ratio Lower Upper

42 100

72 39.1 43.0 64.4#

71 38.2 40.8 61.2#



#30

Chloroform

Concen: 21.744 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020158.D

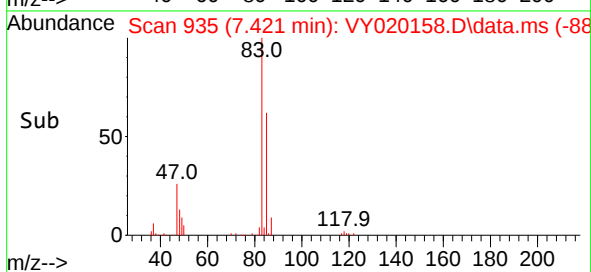
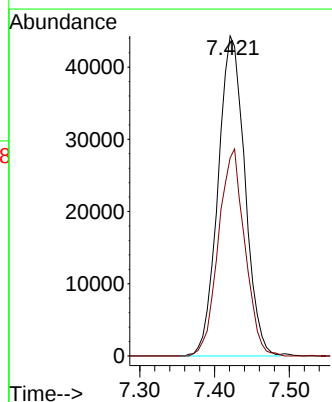
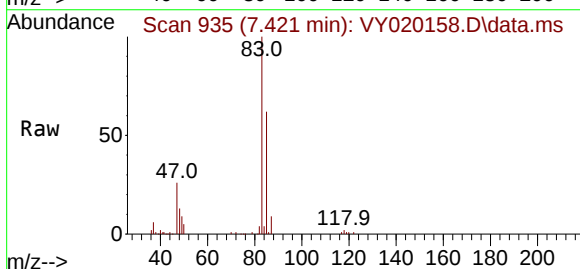
Acq: 05 Nov 2024 11:48

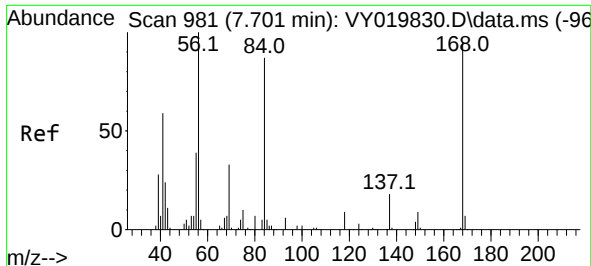
Tgt Ion: 83 Resp: 110591

Ion Ratio Lower Upper

83 100

85 61.9 52.2 78.4

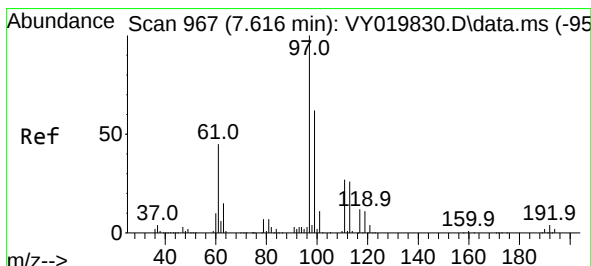
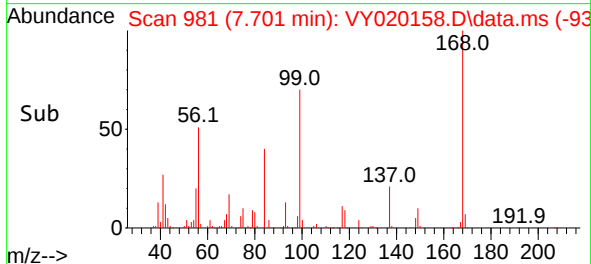
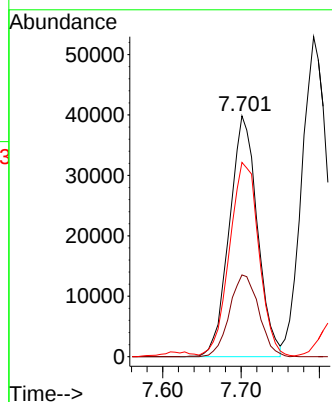
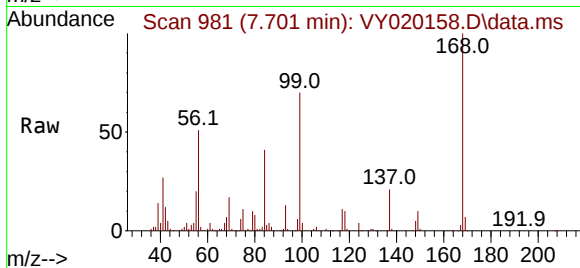




#31
Cyclohexane
Concen: 19.956 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

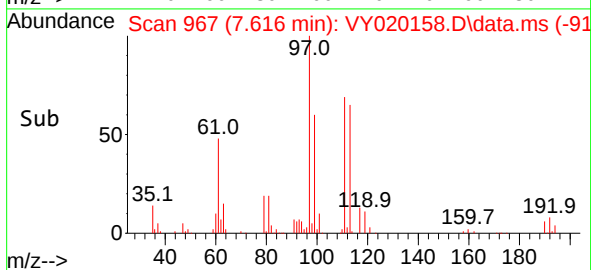
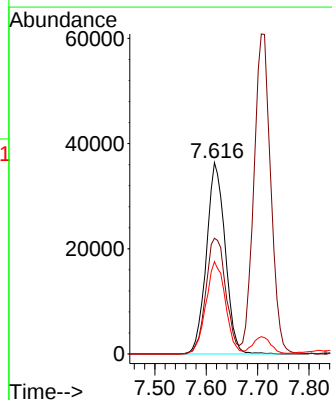
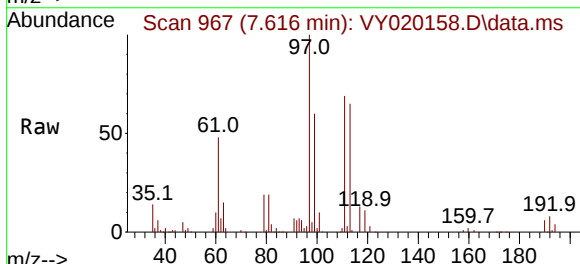
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 99021
Ion Ratio Lower Upper
56 100
69 33.9 28.7 43.1
84 79.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.728 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 97 Resp: 92044
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 50.0 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 50.746 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

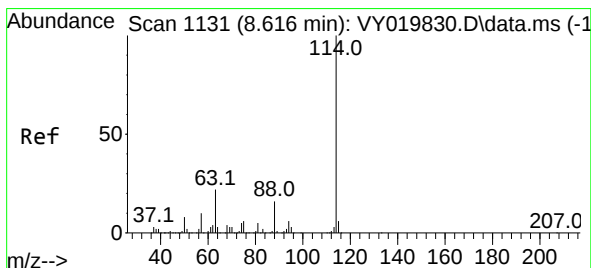
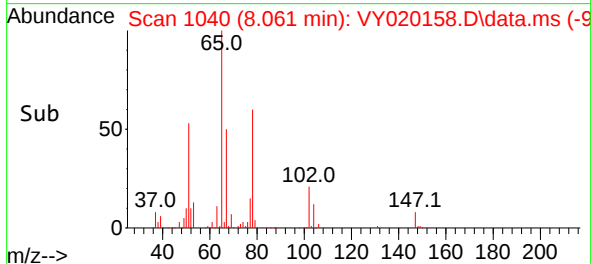
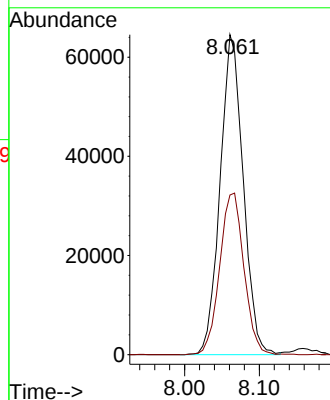
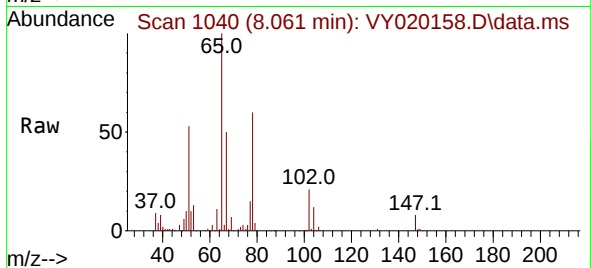
ClientSampleId :

Tgt Ion: 65 Resp: 138756

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

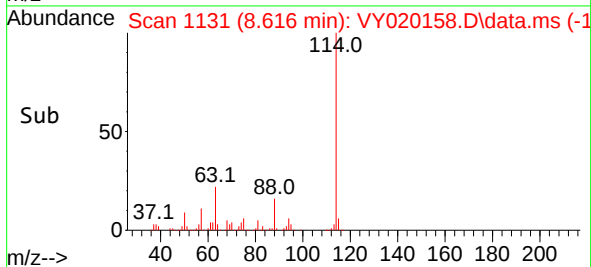
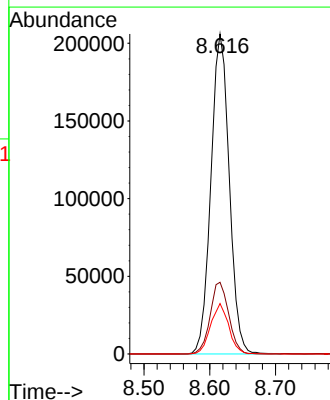
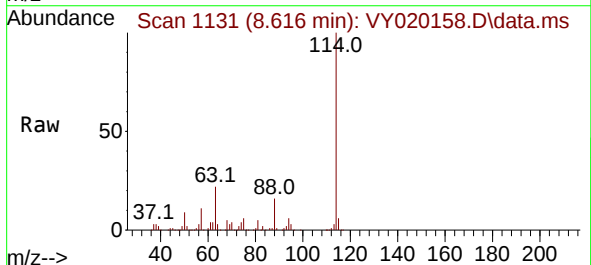
Tgt Ion: 114 Resp: 400236

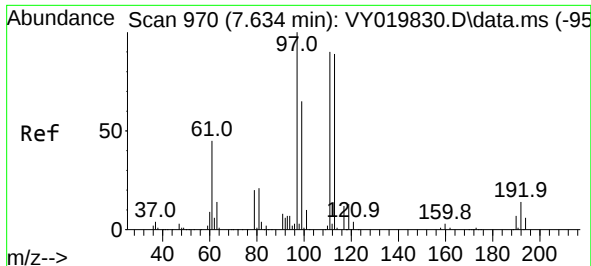
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.684 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

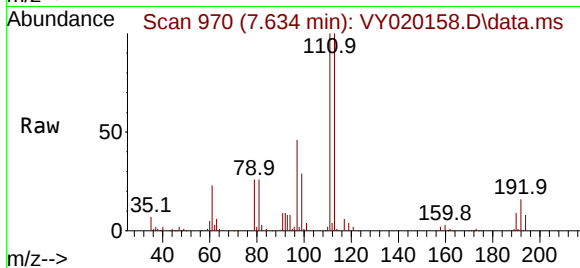
Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :



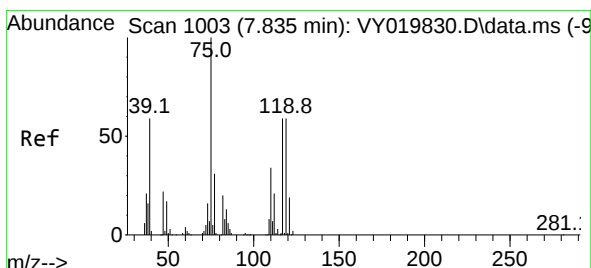
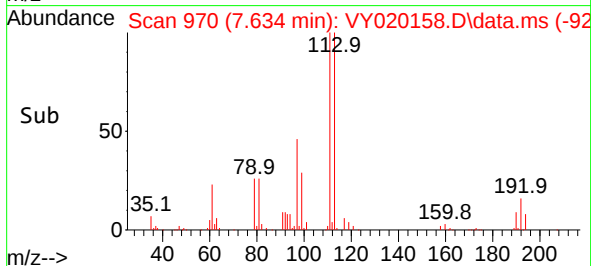
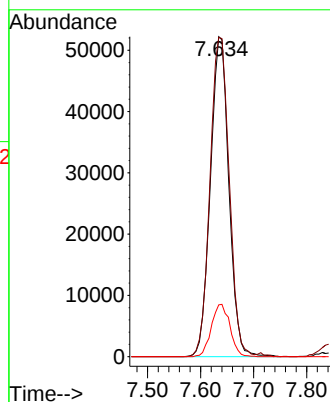
Tgt Ion:113 Resp: 126431

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 16.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.590 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

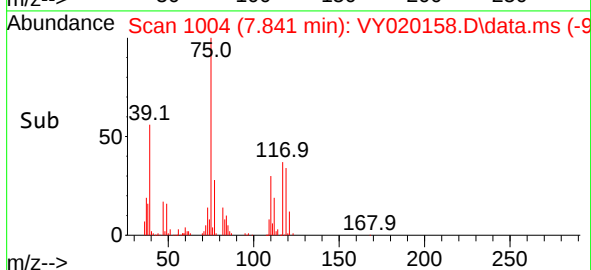
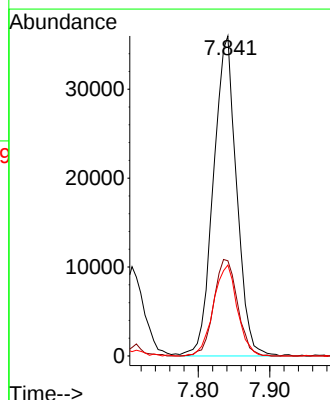
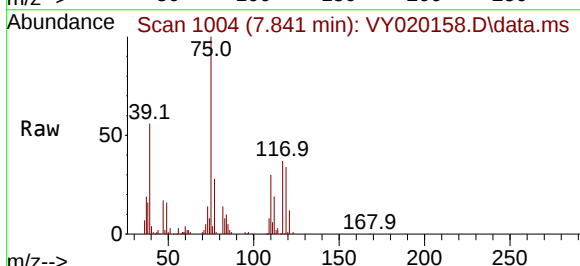
Tgt Ion: 75 Resp: 80938

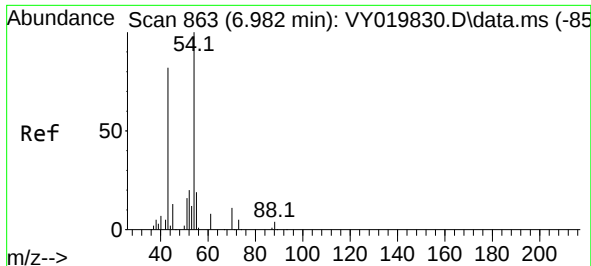
Ion Ratio Lower Upper

75 100

110 31.1 19.0 57.0

77 29.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.019 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

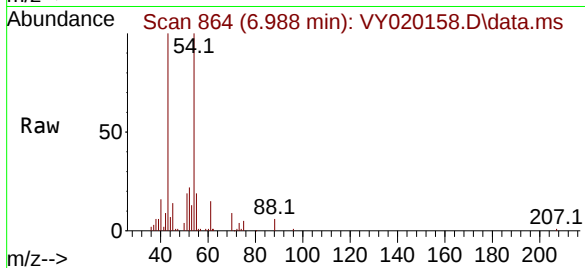
Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

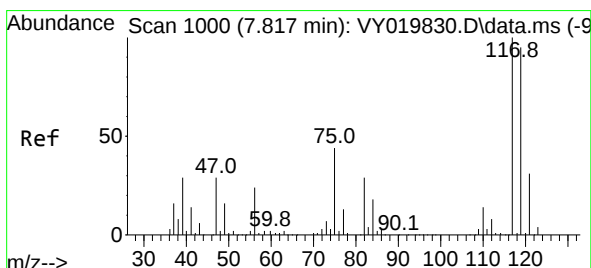
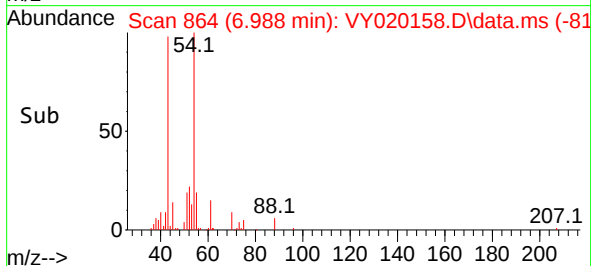
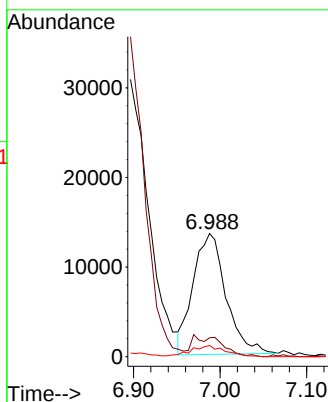
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 35645
Ion Ratio	Lower Upper
43 100	
61 0.0	12.6 19.0#
70 9.7	7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.825 ug/l

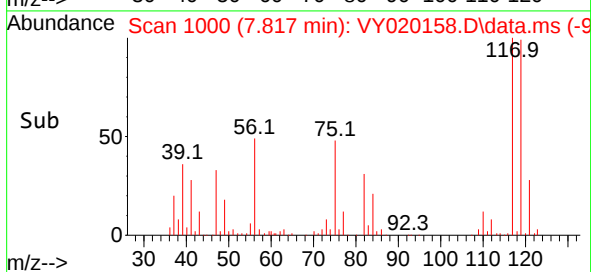
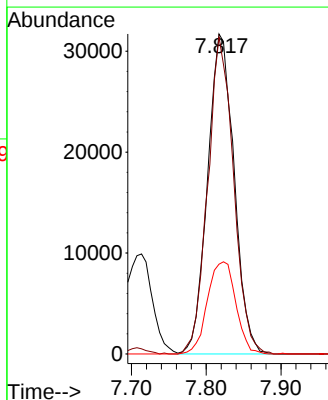
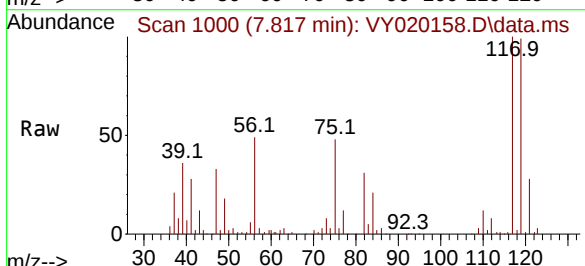
RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Tgt Ion: 117	Resp: 78366
Ion Ratio	Lower Upper
117 100	
119 99.0	75.8 113.6
121 28.1	24.0 36.0





#39

Methylcyclohexane

Concen: 19.312 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

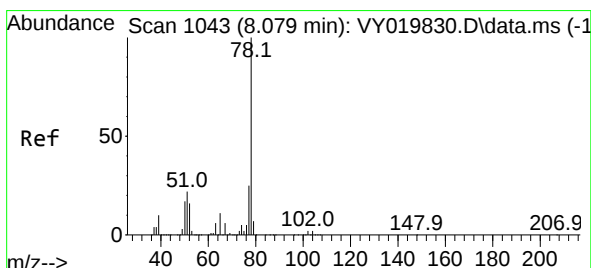
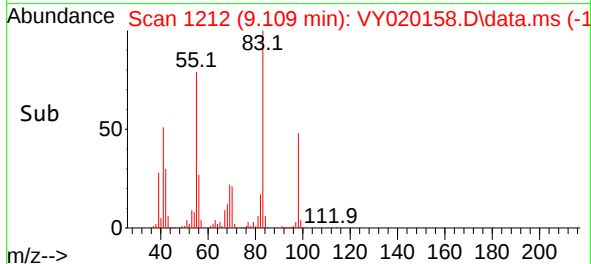
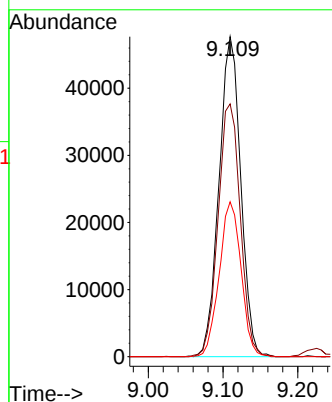
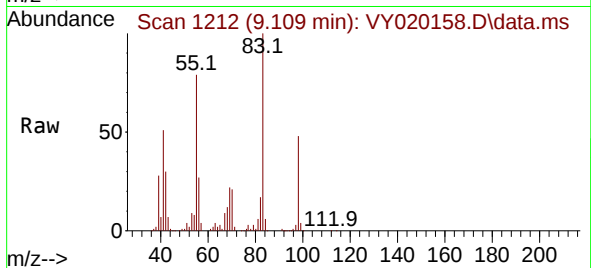
Tgt Ion: 83 Resp: 96349

Ion Ratio Lower Upper

83 100

55 79.0 51.5 77.3#

98 48.4 40.5 60.7



#40

Benzene

Concen: 20.550 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020158.D

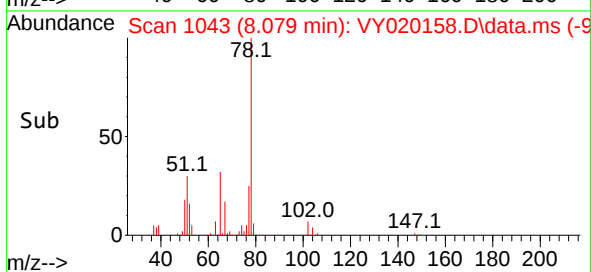
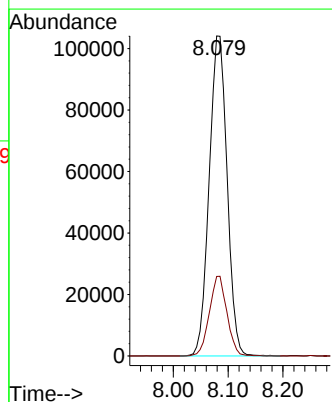
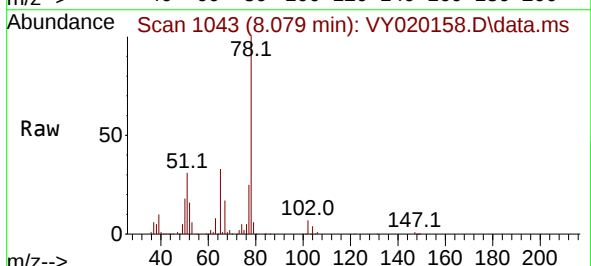
Acq: 05 Nov 2024 11:48

Tgt Ion: 78 Resp: 235790

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3

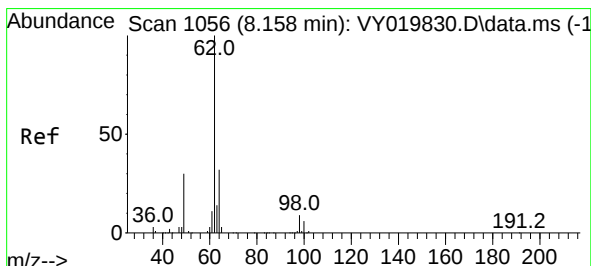
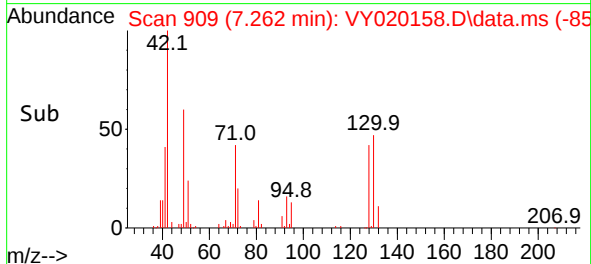
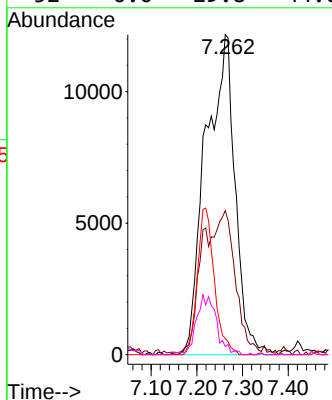
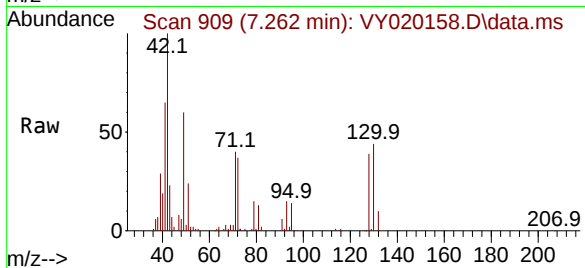




#41
Methacrylonitrile
Concen: 57.617 ug/l
RT: 7.262 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

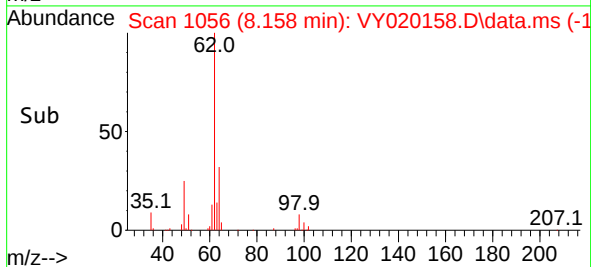
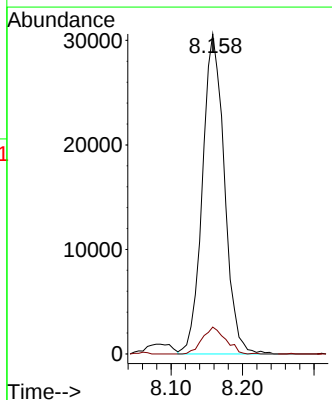
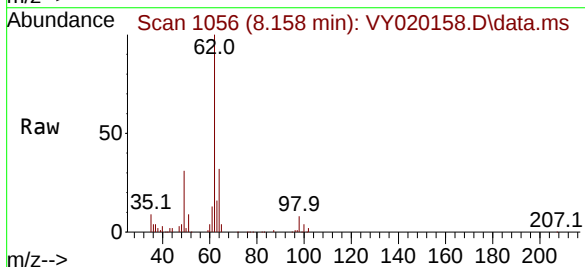
Instrument :
MSVOA_Y
ClientSampleId :

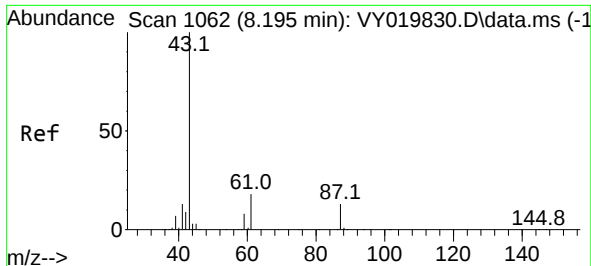
Tgt Ion:	41	Resp:	54092
Ion Ratio	Lower	Upper	
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:	62	Resp:	65229
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	22.0

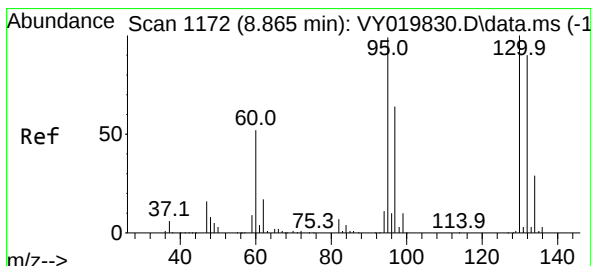
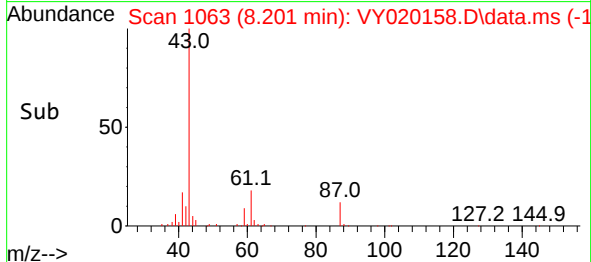
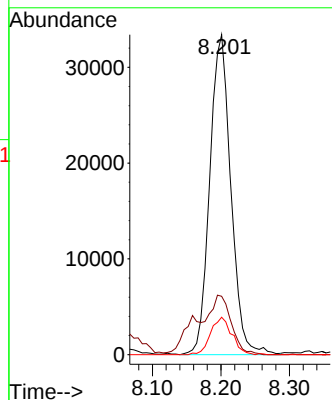
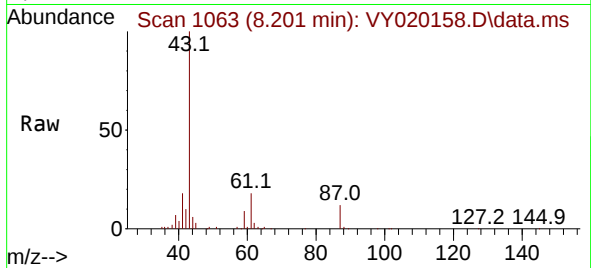




#43
Isopropyl Acetate
Concen: 19.875 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

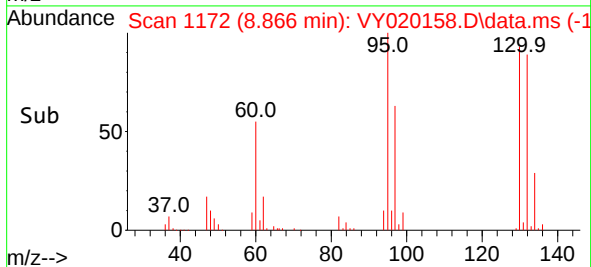
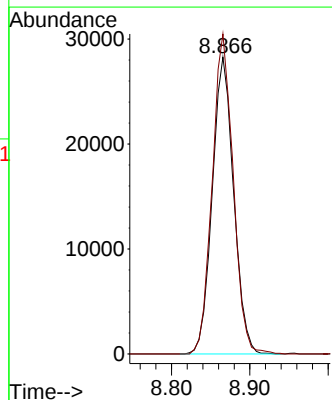
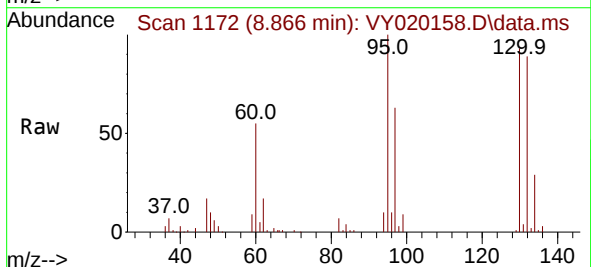
Instrument :
MSVOA_Y
ClientSampleId :

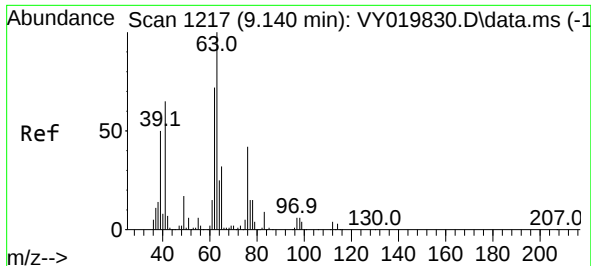
Tgt Ion: 43 Resp: 71628
Ion Ratio Lower Upper
43 100
61 20.0 27.9 41.9#
87 11.7 13.1 19.7#



#44
Trichloroethene
Concen: 20.165 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 130 Resp: 53623
Ion Ratio Lower Upper
130 100
95 107.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.764 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

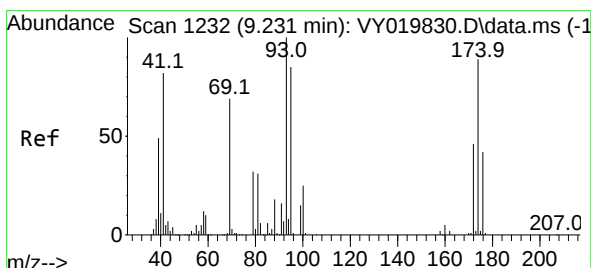
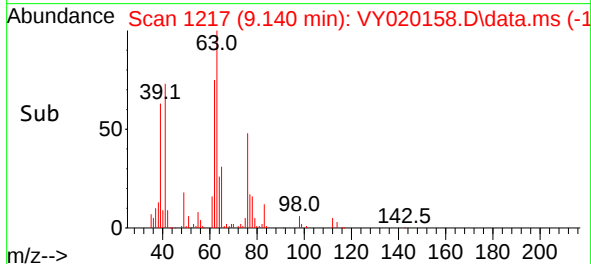
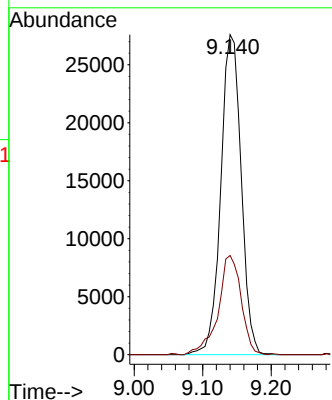
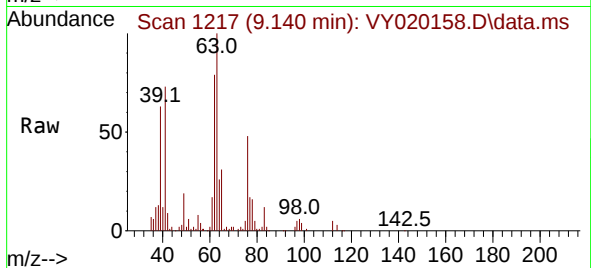
ClientSampleId :

Tgt Ion: 63 Resp: 57000

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 20.578 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

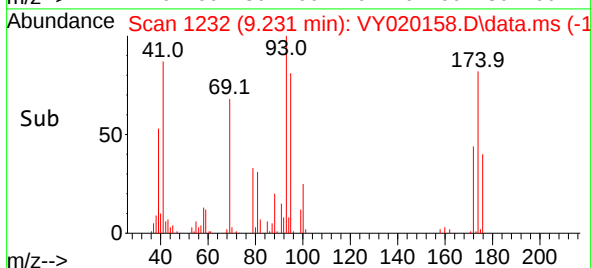
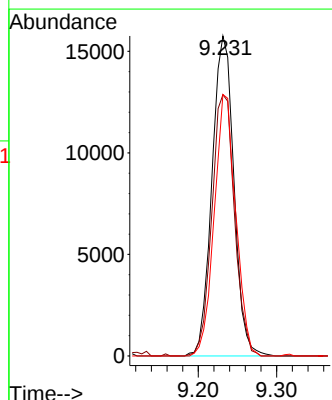
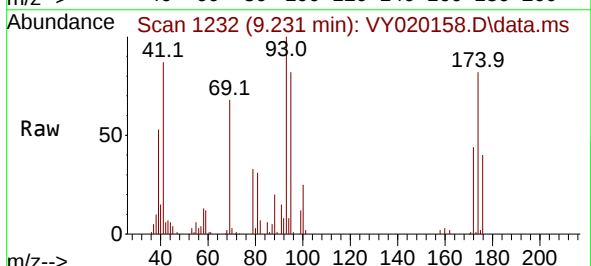
Tgt Ion: 93 Resp: 30608

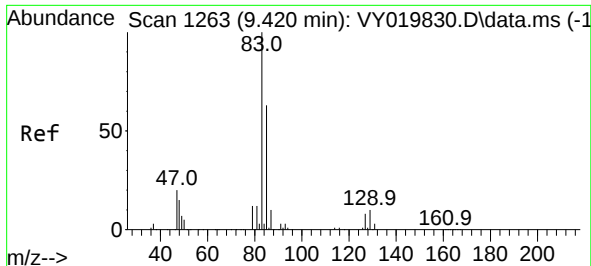
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 80.2 80.9 121.3#

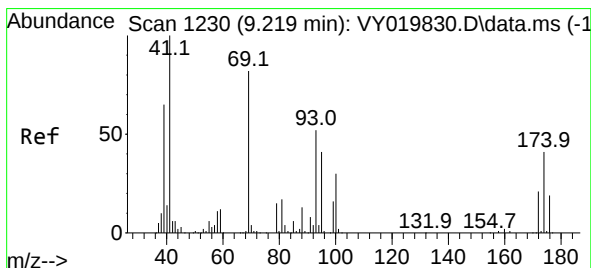
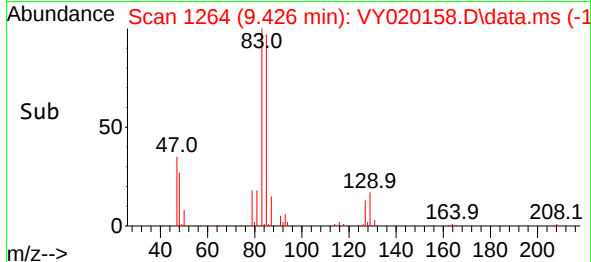
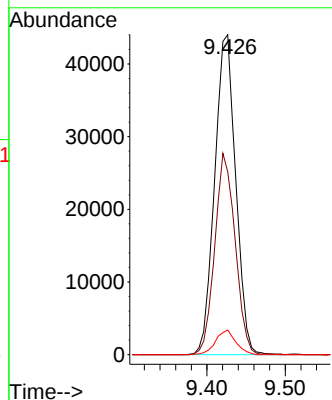
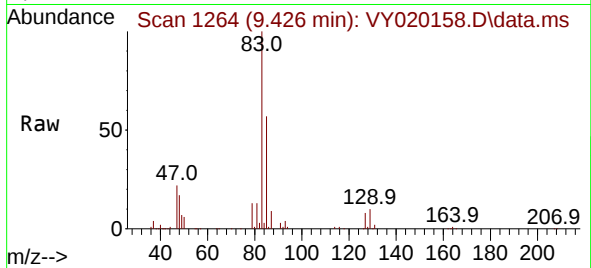




#47
Bromodichloromethane
Concen: 21.130 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

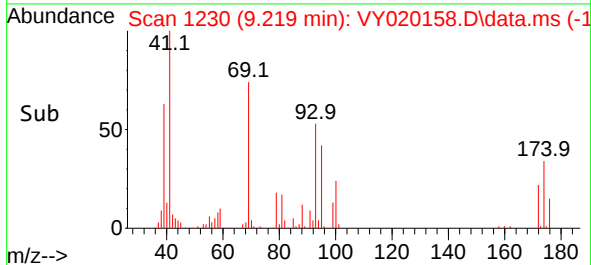
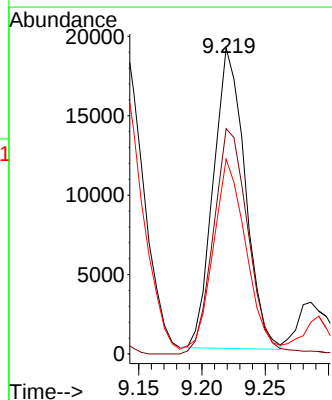
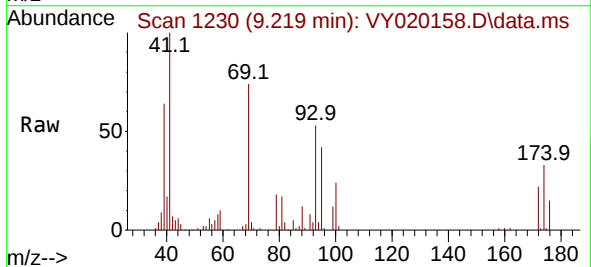
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 82336
Ion Ratio Lower Upper
83 100
85 57.2 50.1 75.1
127 7.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.776 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 41 Resp: 33012
Ion Ratio Lower Upper
41 100
69 82.2 84.1 126.1#
39 64.4 43.6 65.4





#49

1,4-Dioxane

Concen: 431.569 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

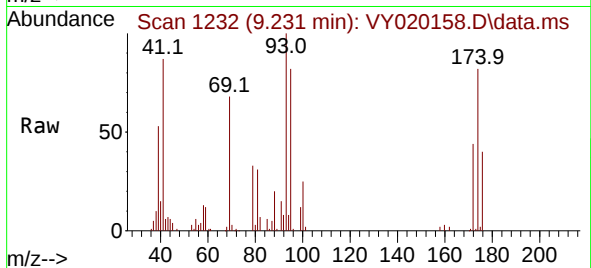
Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :



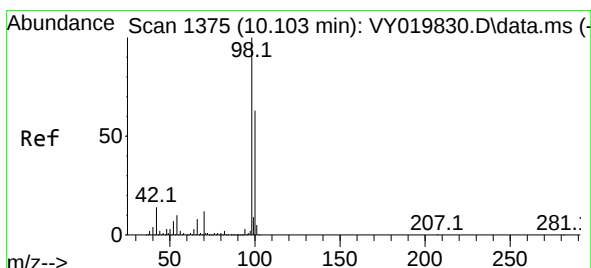
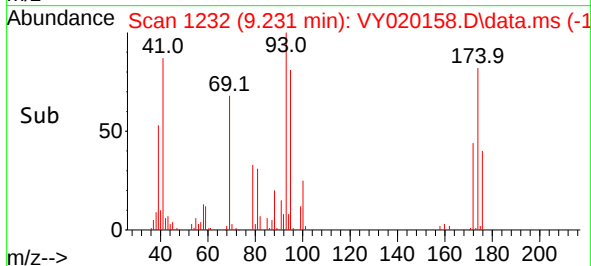
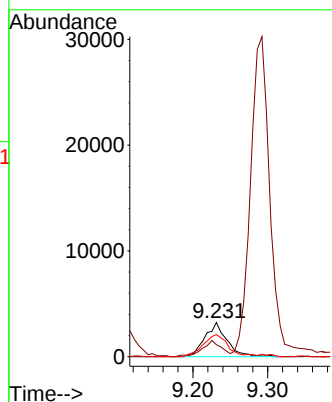
Tgt Ion: 88 Resp: 6609

Ion Ratio Lower Upper

88 100

43 40.9 0.0 0.0#

58 73.5 49.3 73.9



#50

Toluene-d8

Concen: 49.183 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020158.D

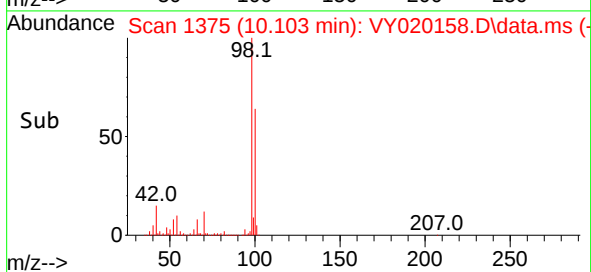
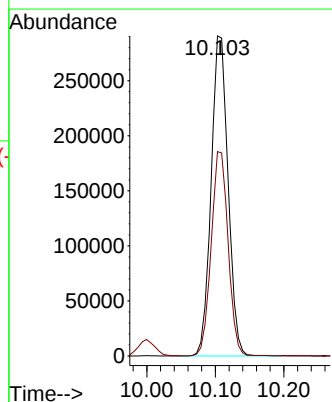
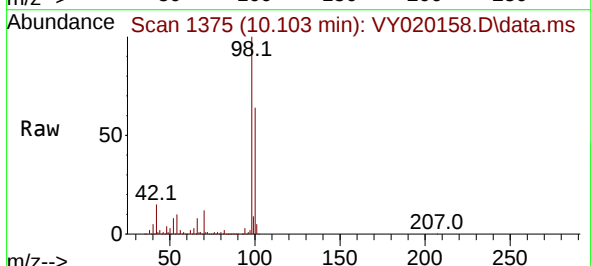
Acq: 05 Nov 2024 11:48

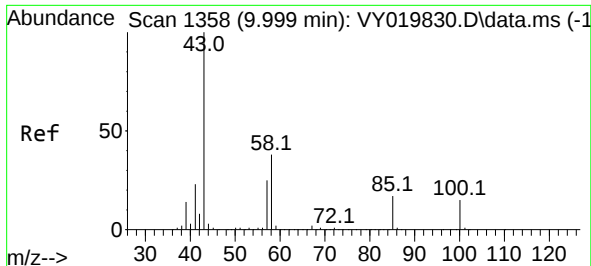
Tgt Ion: 98 Resp: 498174

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 103.558 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

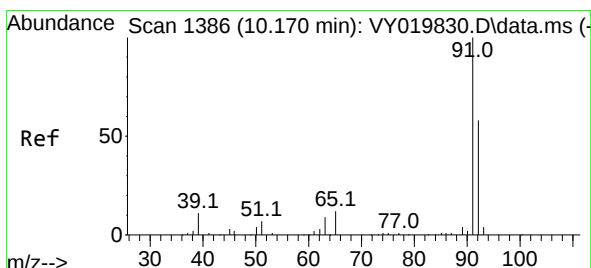
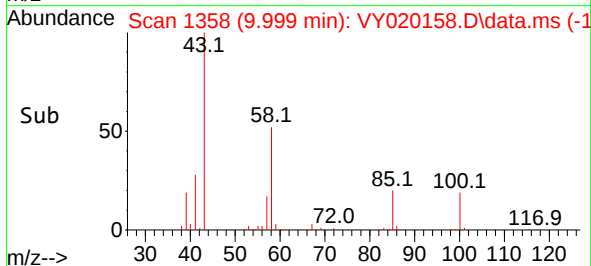
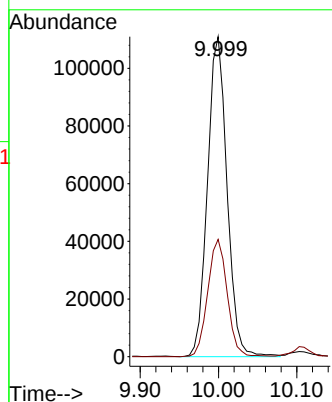
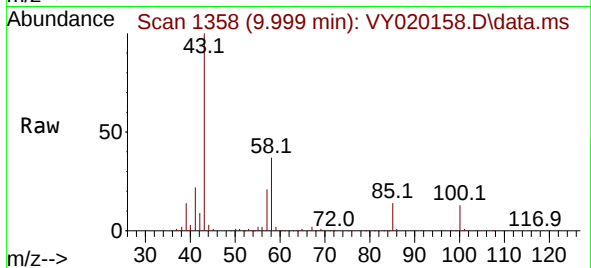
ClientSampleId :

Tgt Ion: 43 Resp: 192306

Ion Ratio Lower Upper

43 100

58 36.5 35.7 53.5



#52

Toluene

Concen: 20.423 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020158.D

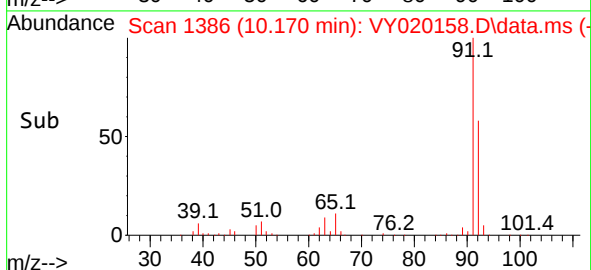
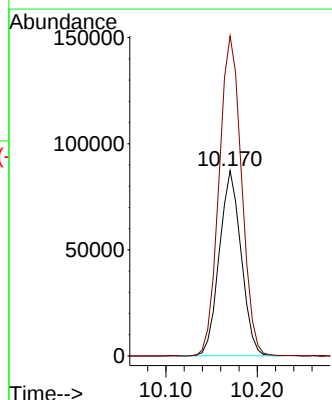
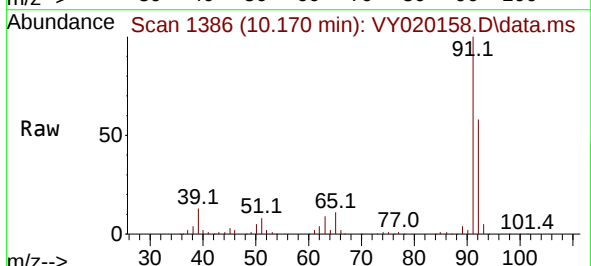
Acq: 05 Nov 2024 11:48

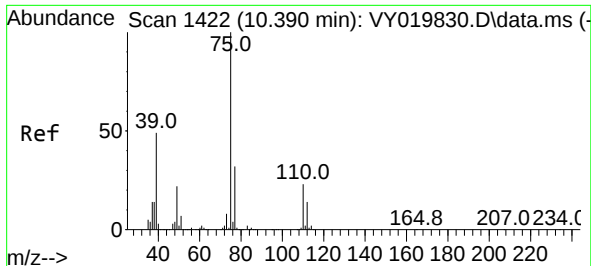
Tgt Ion: 92 Resp: 144445

Ion Ratio Lower Upper

92 100

91 179.1 139.0 208.6

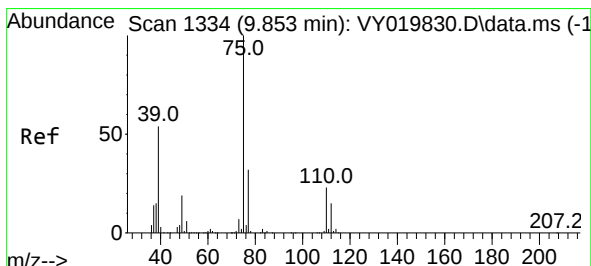
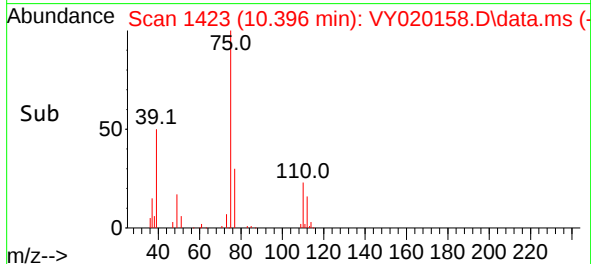
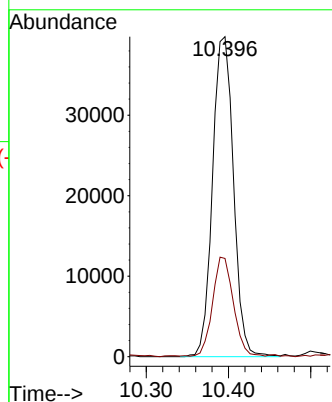
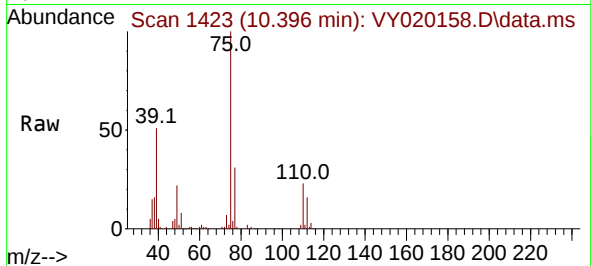




#53
 t-1,3-Dichloropropene
 Concen: 20.438 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

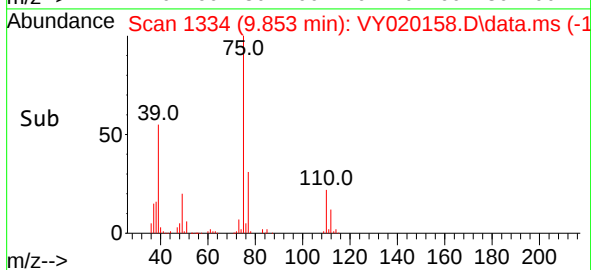
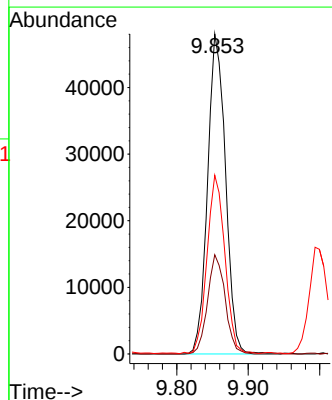
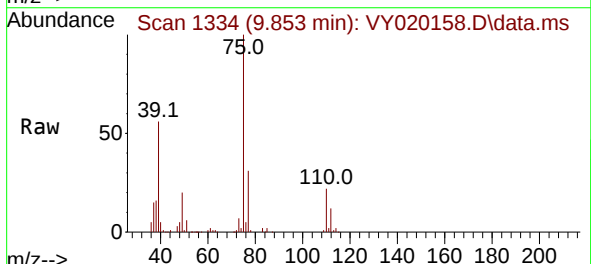
Instrument :
 MSVOA_Y
 ClientSampleId :

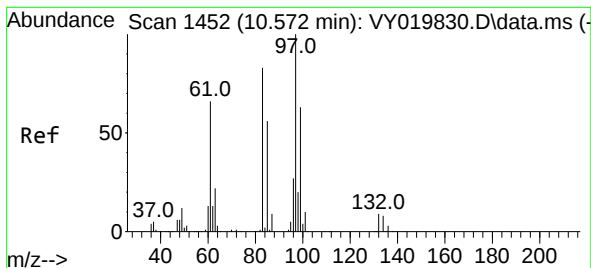
Tgt Ion: 75 Resp: 70327
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.358 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

Tgt Ion: 75 Resp: 83612
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 55.7 29.8 44.6#

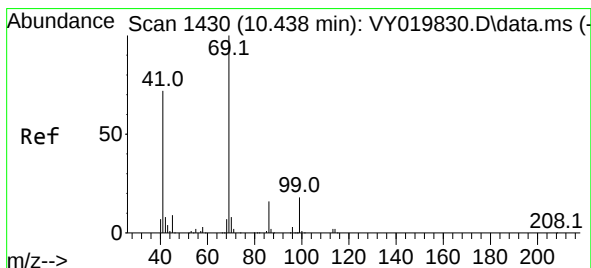
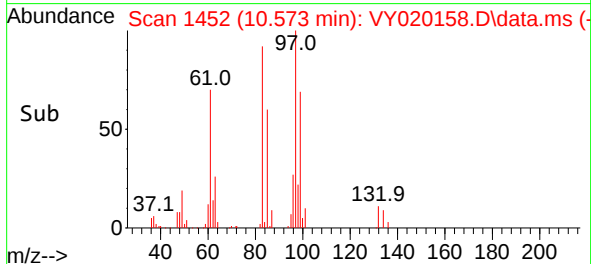
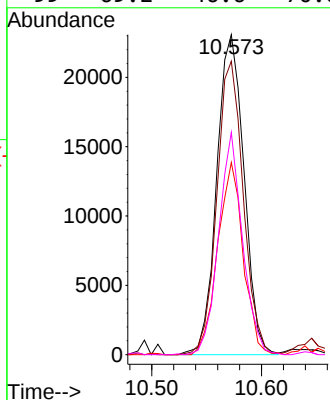
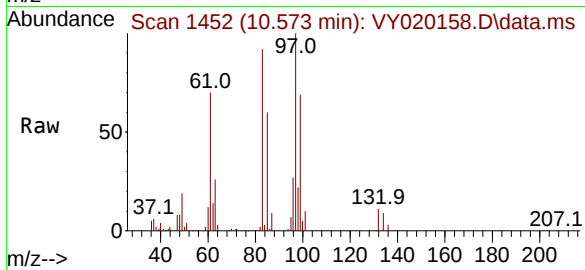




#55
1,1,2-Trichloroethane
Concen: 21.512 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

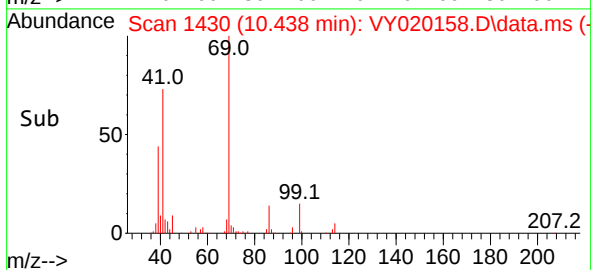
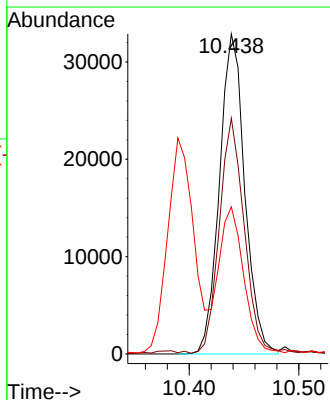
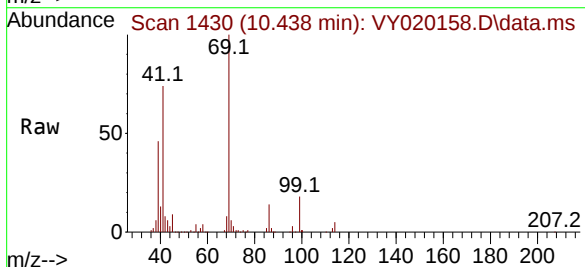
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	97	Resp:	39785
Ion	Ratio	Lower	Upper
97	100		
83	91.7	67.5	101.3
85	60.0	42.9	64.3
99	69.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.918 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:	69	Resp:	52839
Ion	Ratio	Lower	Upper
69	100		
41	71.8	42.3	63.5#
39	46.1	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 20.623 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

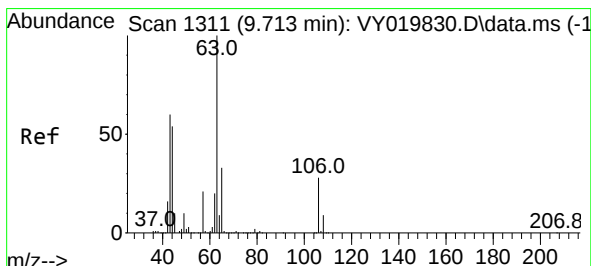
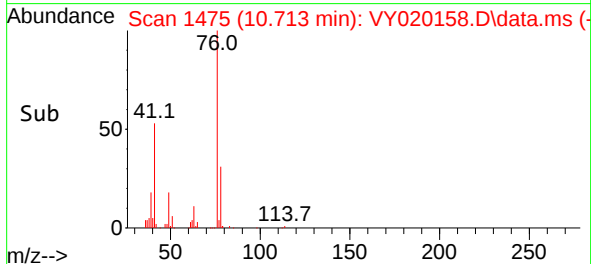
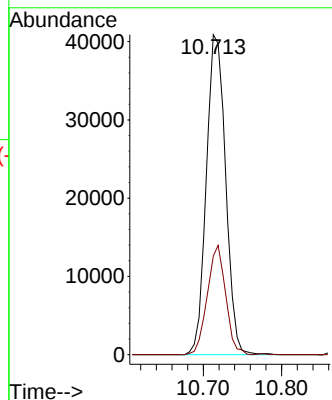
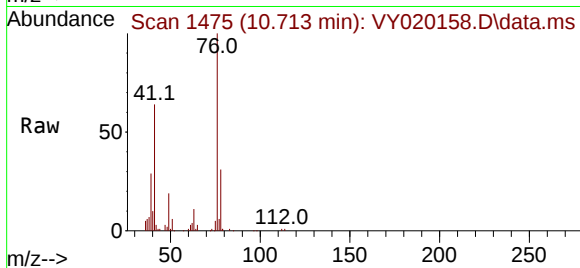
ClientSampleId :

Tgt Ion: 76 Resp: 69846

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.045 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY020158.D

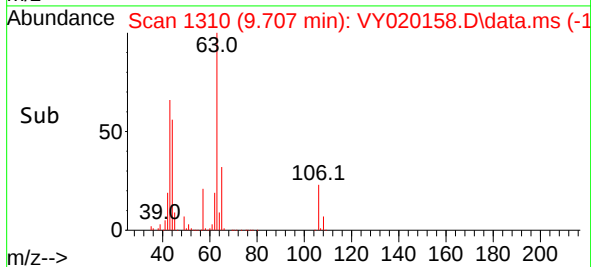
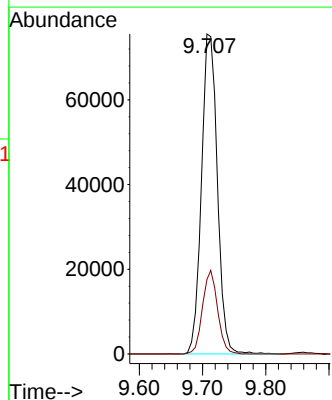
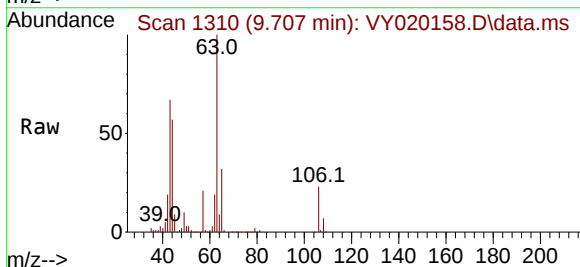
Acq: 05 Nov 2024 11:48

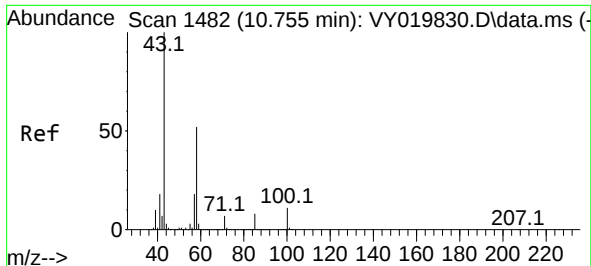
Tgt Ion: 63 Resp: 132199

Ion Ratio Lower Upper

63 100

106 24.7 23.7 35.5





#59

2-Hexanone

Concen: 97.686 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

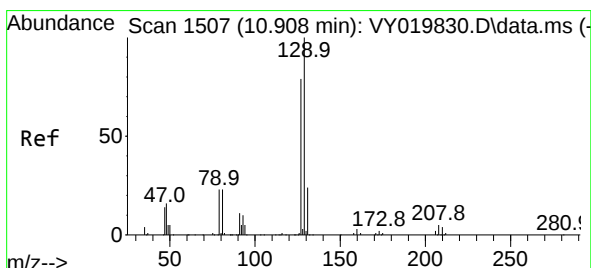
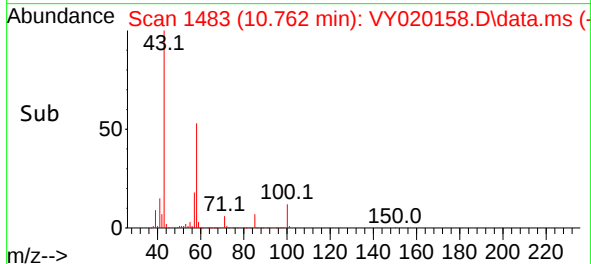
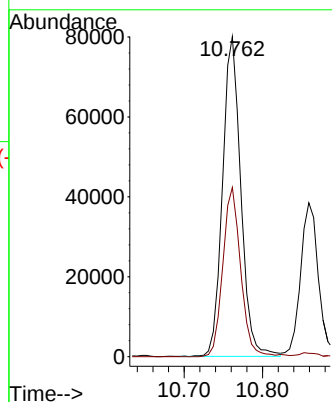
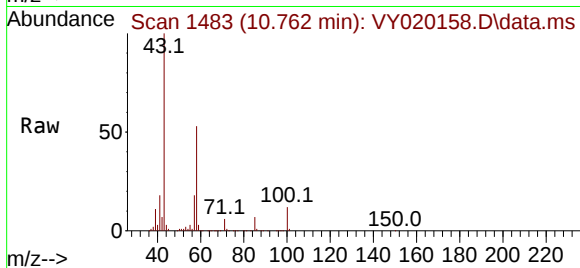
ClientSampleId :

Tgt Ion: 43 Resp: 130051

Ion Ratio Lower Upper

43 100

58 51.9 31.4 94.0



#60

Dibromochloromethane

Concen: 20.890 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY020158.D

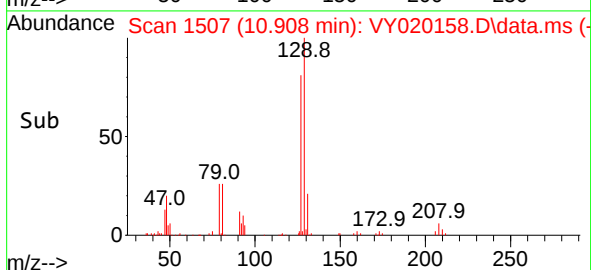
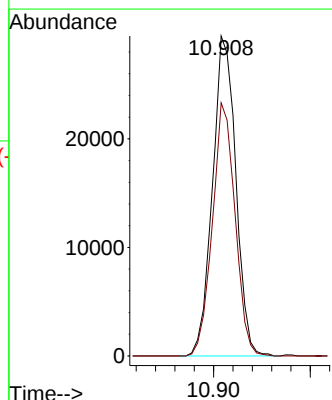
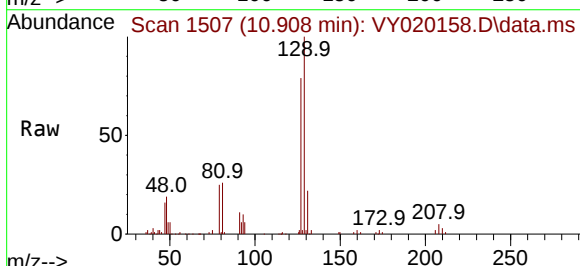
Acq: 05 Nov 2024 11:48

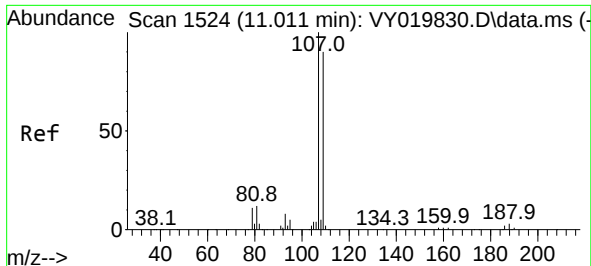
Tgt Ion: 129 Resp: 49248

Ion Ratio Lower Upper

129 100

127 76.9 39.0 117.0

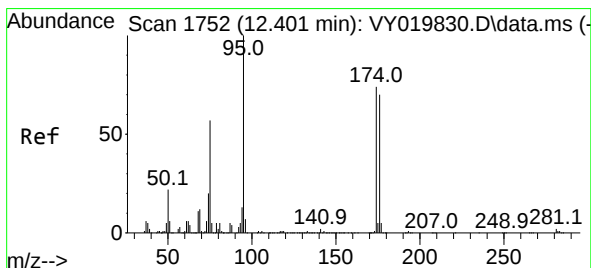
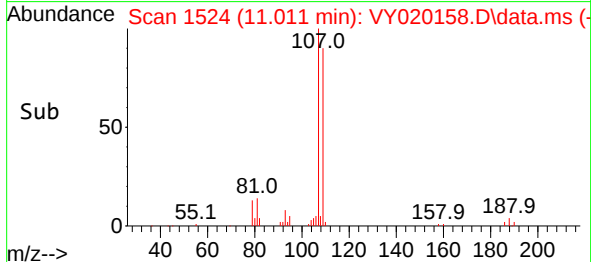
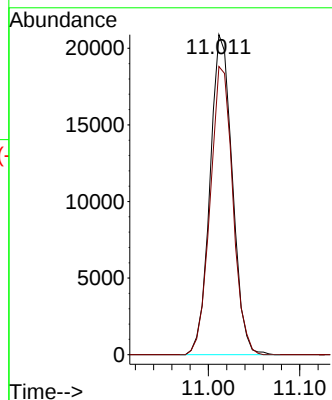
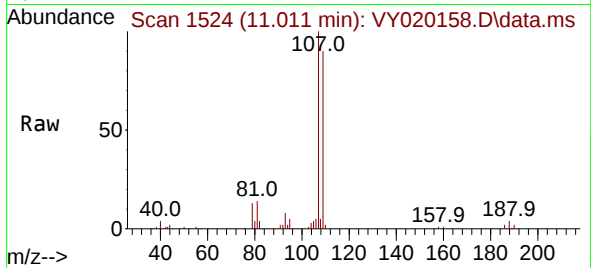




#61
1,2-Dibromoethane
Concen: 20.602 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

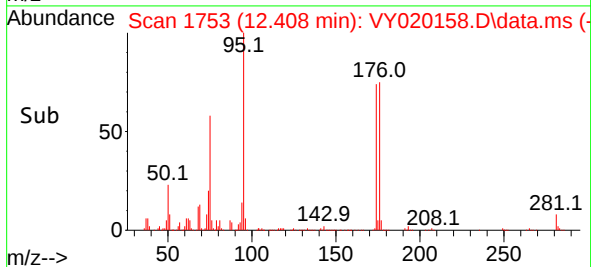
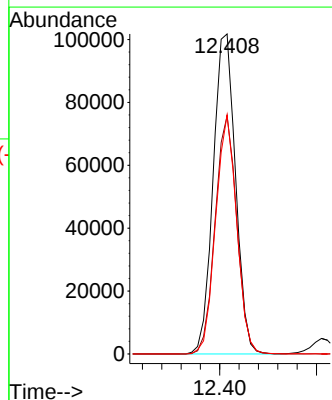
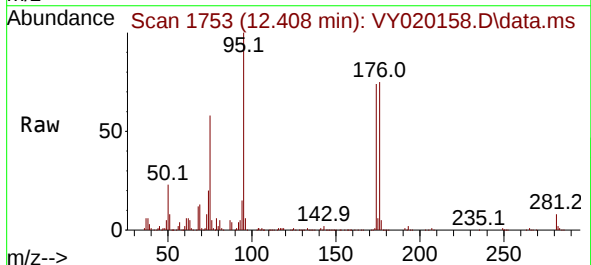
Instrument :
MSVOA_Y
ClientSampleId :

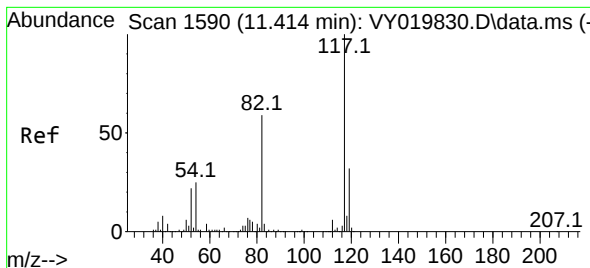
Tgt Ion:107 Resp: 35399
Ion Ratio Lower Upper
107 100
109 91.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 95 Resp: 163288
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

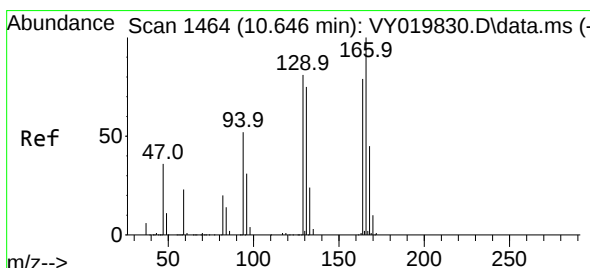
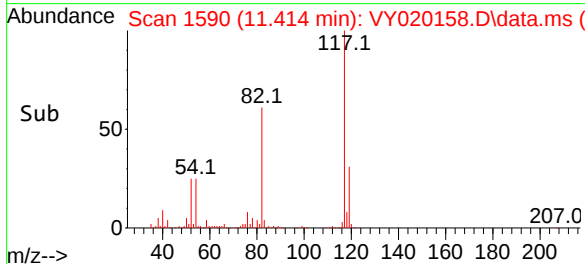
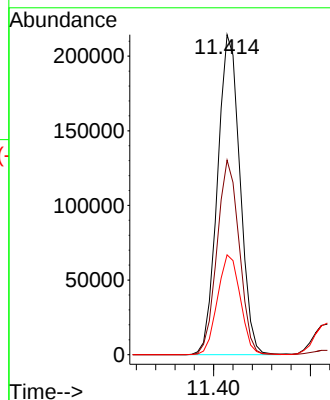
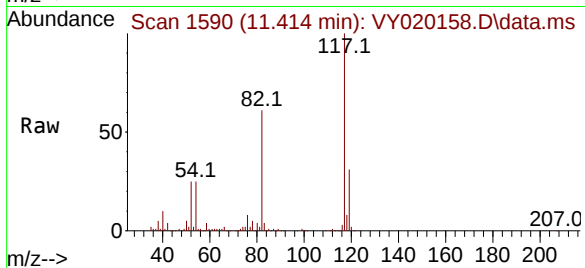
Tgt Ion:117 Resp: 344751

Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 21.131 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Tgt Ion:164 Resp: 48101

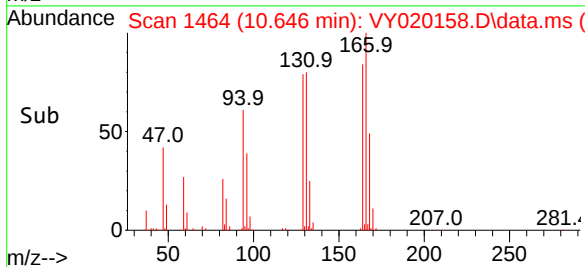
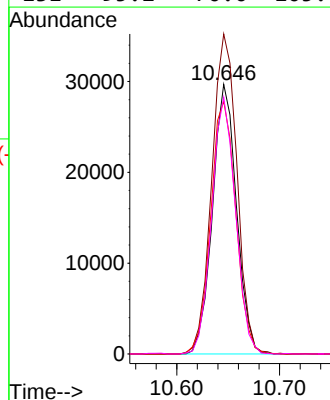
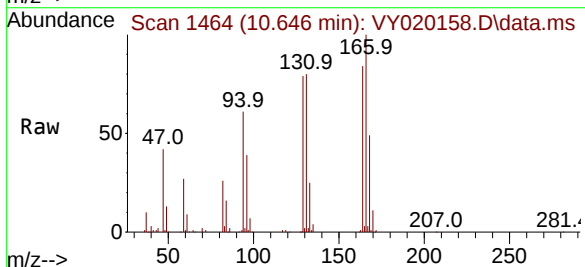
Ion Ratio Lower Upper

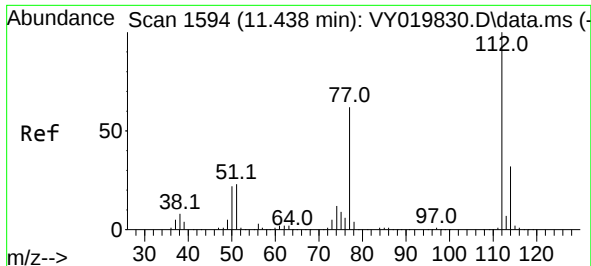
164 100

166 118.7 102.6 154.0

129 93.7 72.0 108.0

131 95.2 70.0 105.0

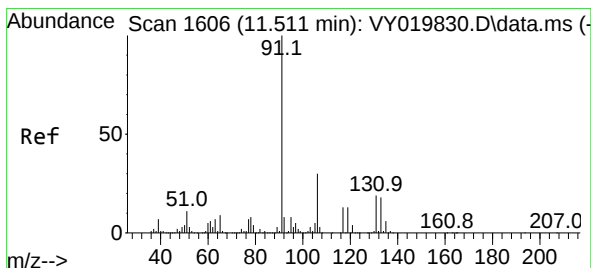
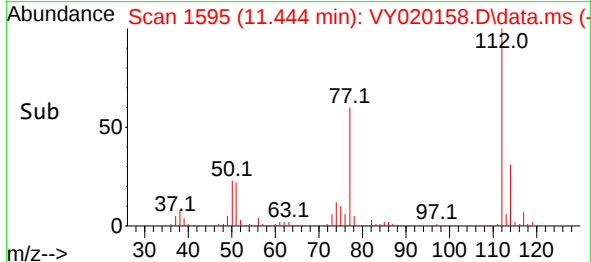
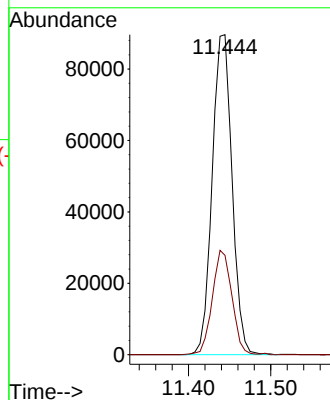
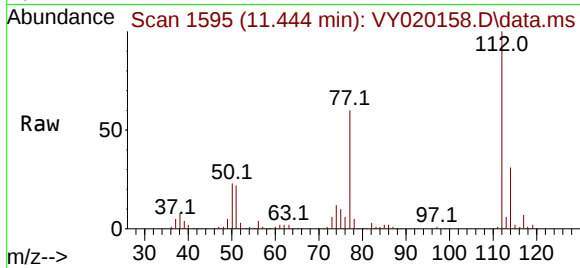




#65
Chlorobenzene
Concen: 20.429 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

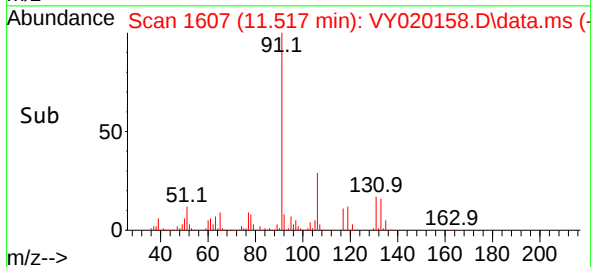
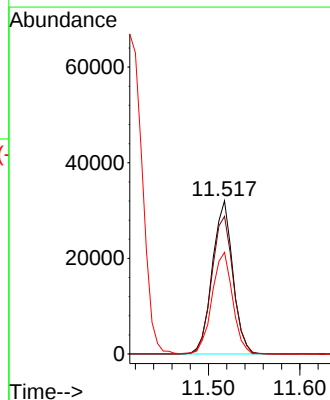
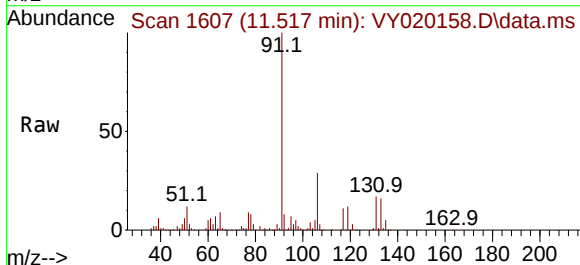
Instrument :
MSVOA_Y
ClientSampleId :

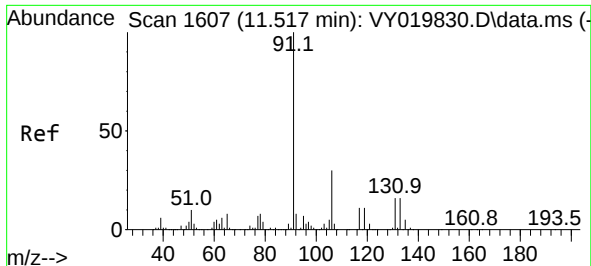
Tgt Ion:112 Resp: 150066
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.234 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:131 Resp: 49836
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 66.9 34.1 102.2

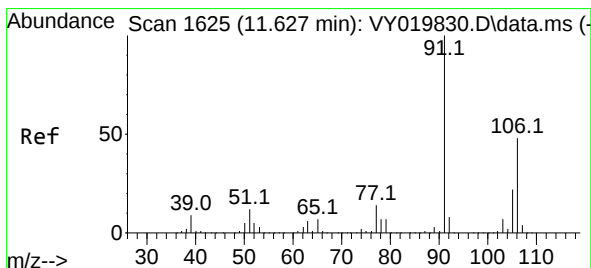
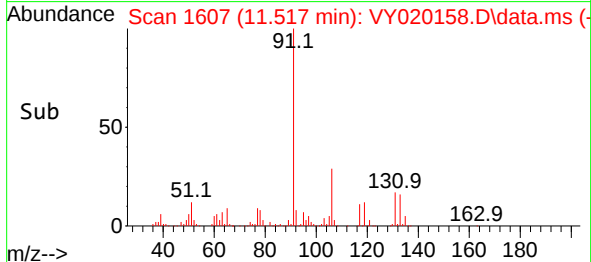
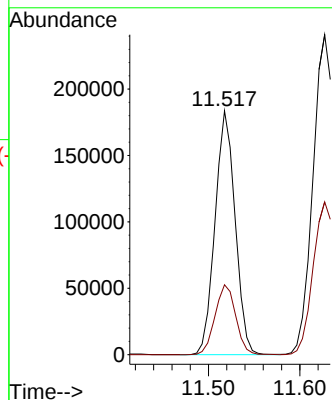
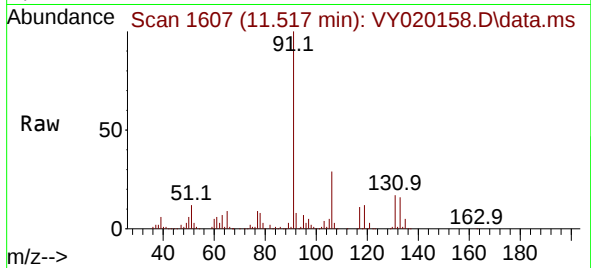




#67
Ethyl Benzene
Concen: 20.428 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

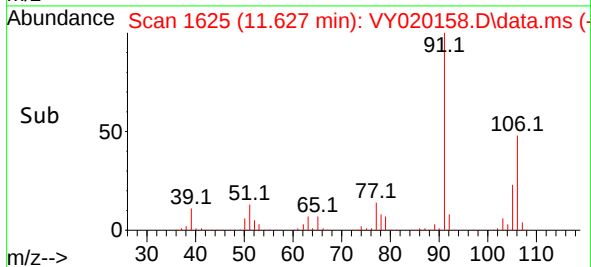
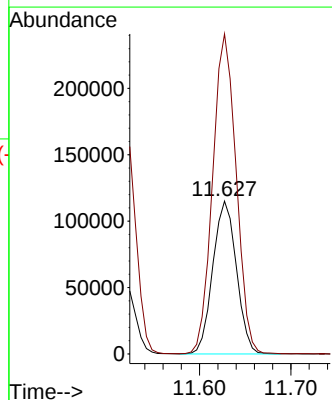
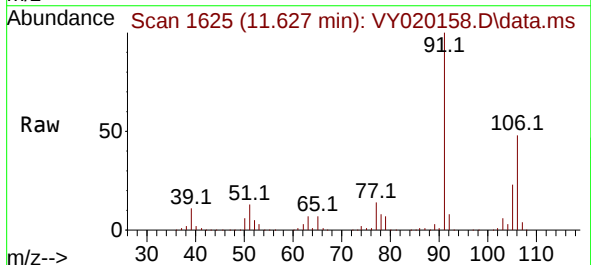
Instrument :
MSVOA_Y
ClientSampleId :

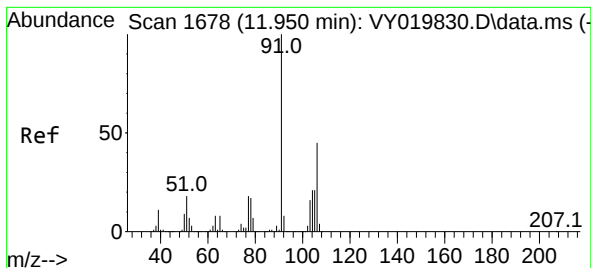
Tgt Ion: 91 Resp: 280512
Ion Ratio Lower Upper
91 100
106 28.7 24.5 36.7



#68
m/p-Xylenes
Concen: 41.051 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:106 Resp: 206241
Ion Ratio Lower Upper
106 100
91 209.2 156.0 234.0





#69

o-Xylene

Concen: 20.630 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

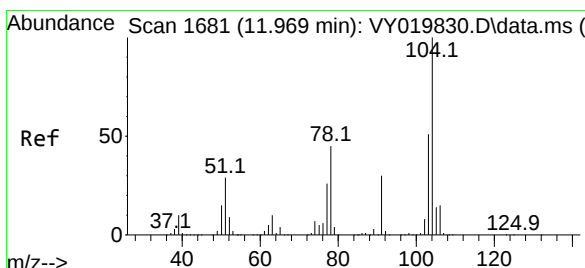
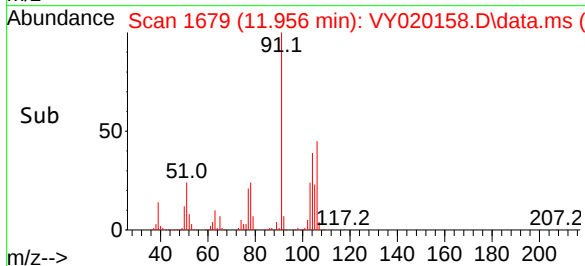
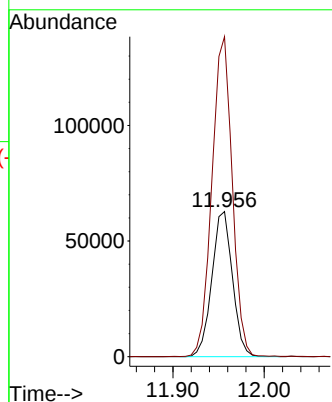
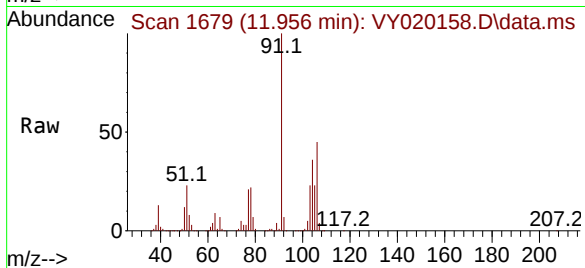
ClientSampleId :

Tgt Ion:106 Resp: 98127

Ion Ratio Lower Upper

106 100

91 217.9 103.6 310.8



#70

Styrene

Concen: 20.814 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

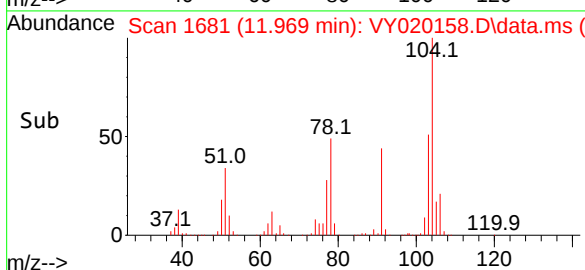
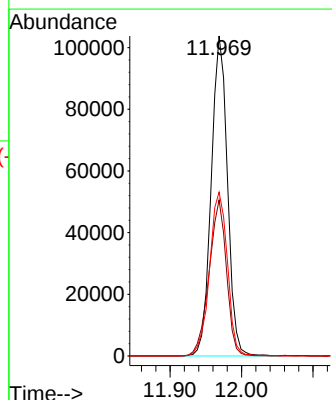
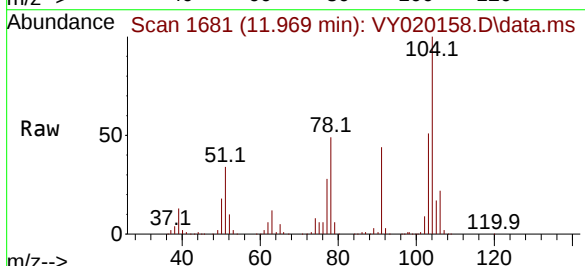
Tgt Ion:104 Resp: 163688

Ion Ratio Lower Upper

104 100

78 52.0 37.0 55.4

103 56.3 44.2 66.2





#71

Bromoform

Concen: 21.043 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY020158.D

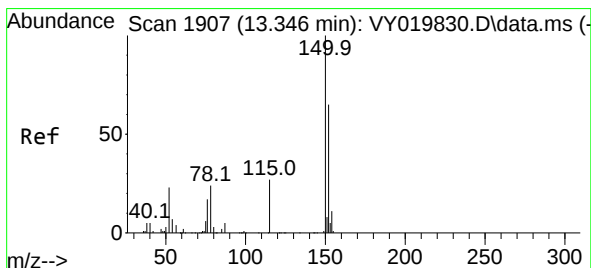
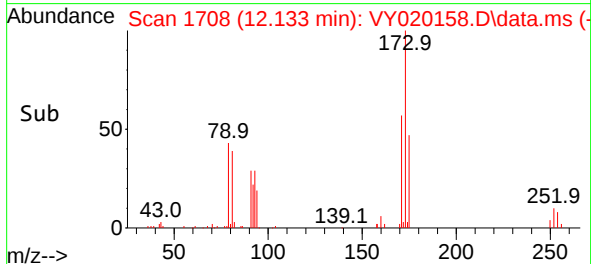
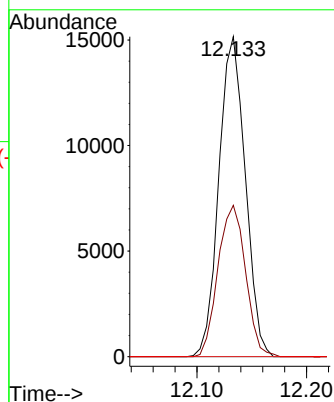
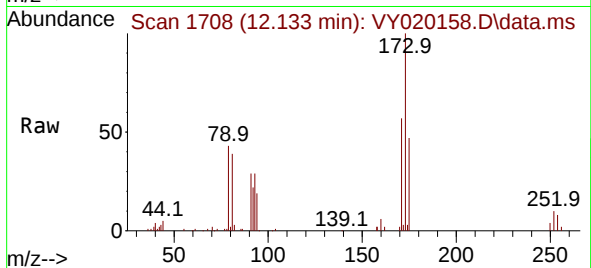
Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	25336
Ion Ratio	Lower	Upper
173	100	
175	49.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

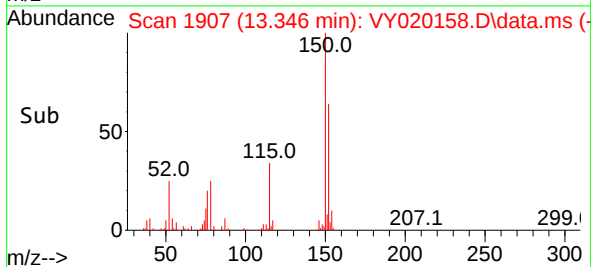
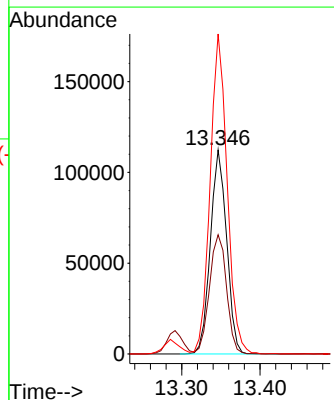
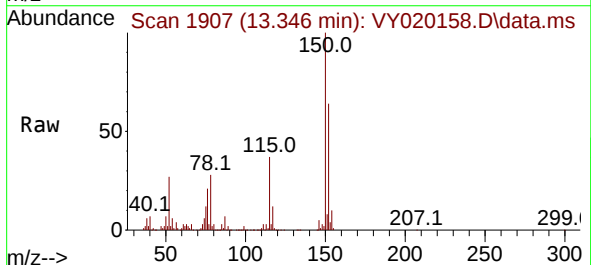
RT: 13.346 min Scan# 1907

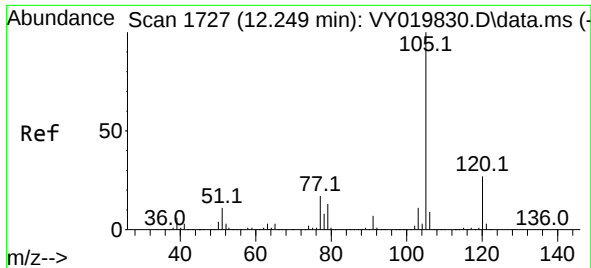
Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Tgt Ion:152	Resp:	162045
Ion Ratio	Lower	Upper
152	100	
115	61.2	28.2 84.7
150	163.3	0.0 345.6

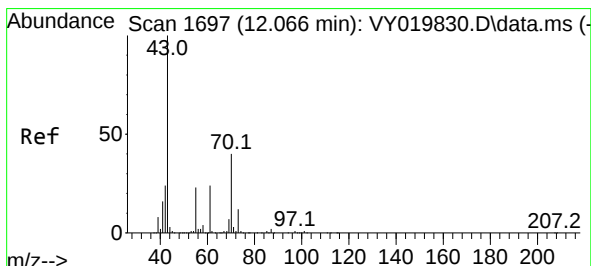
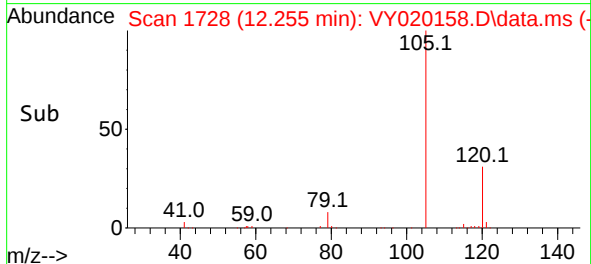
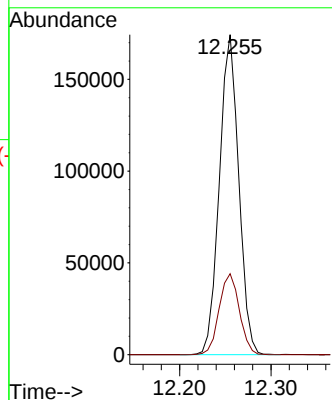
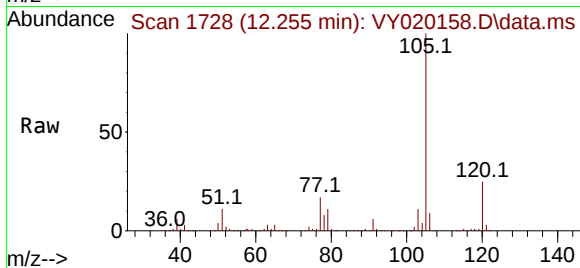




#73
Isopropylbenzene
Concen: 19.851 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

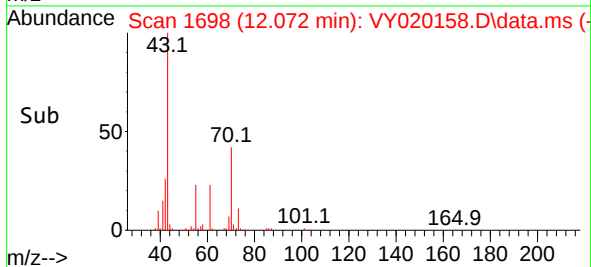
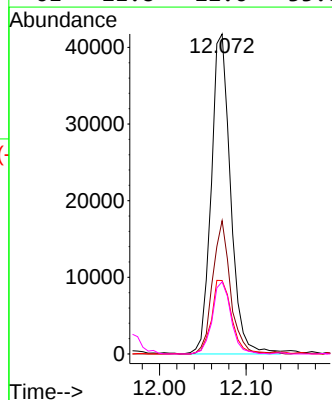
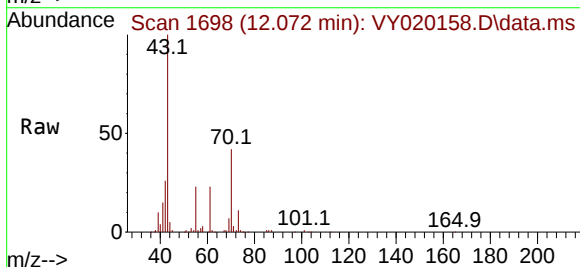
Instrument :
MSVOA_Y
ClientSampleId :

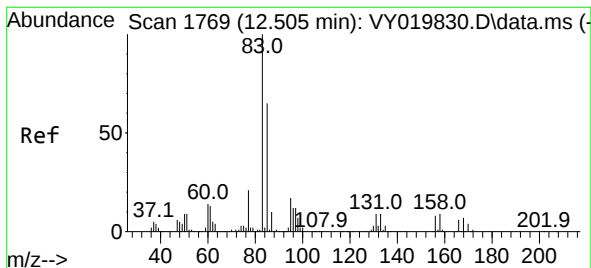
Tgt Ion:105 Resp: 256975
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 20.002 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 43 Resp: 64724
Ion Ratio Lower Upper
43 100
70 38.6 41.4 62.2#
55 24.0 23.3 34.9
61 21.8 22.6 33.8#

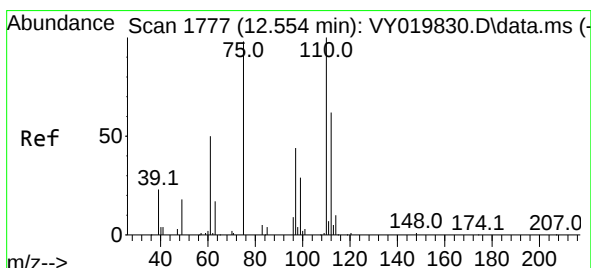
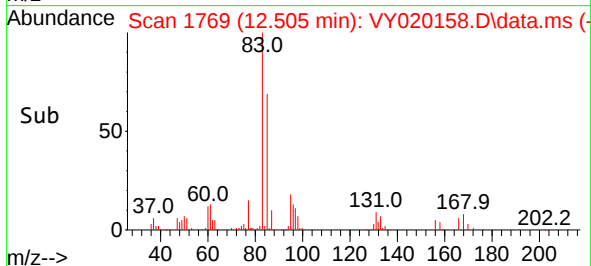
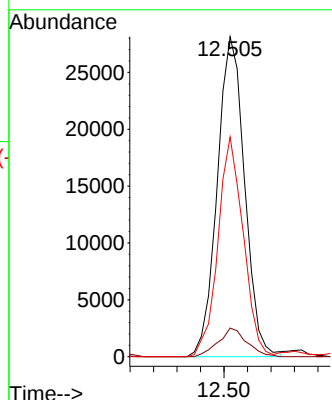
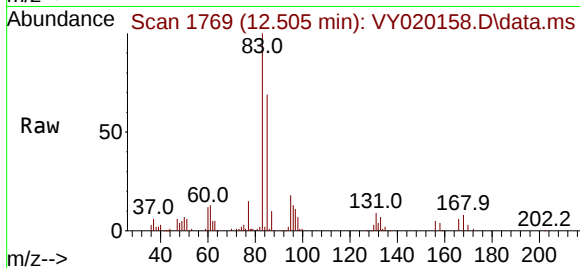




#75
1,1,2,2-Tetrachloroethane
Concen: 20.116 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

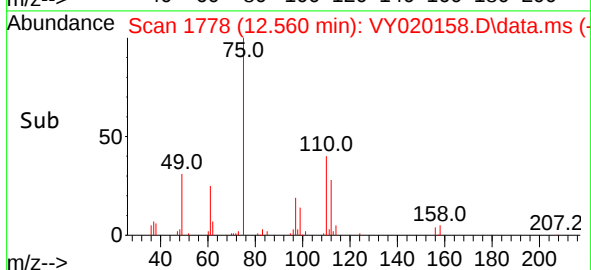
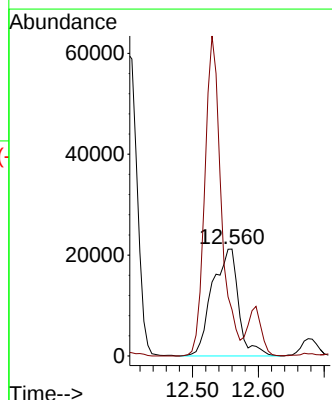
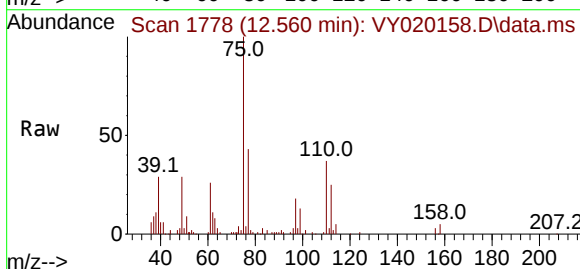
Instrument :
MSVOA_Y
ClientSampleId :

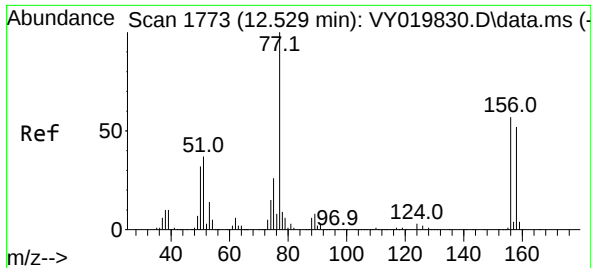
Tgt Ion:	83	Resp:	45541
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.0	14.9
85	63.5	32.0	96.0



#76
1,2,3-Trichloropropane
Concen: 38.920 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion:	75	Resp:	59120
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

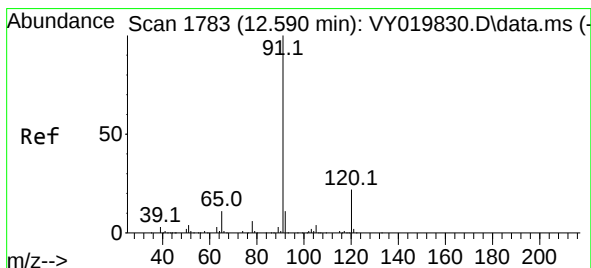
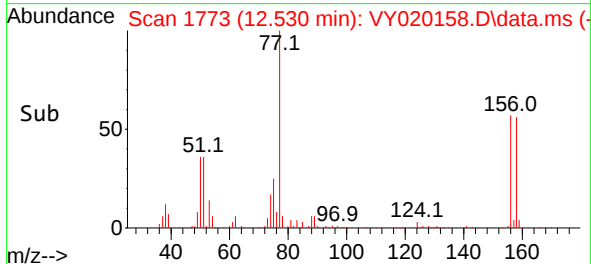
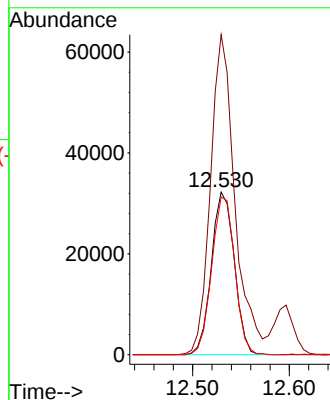
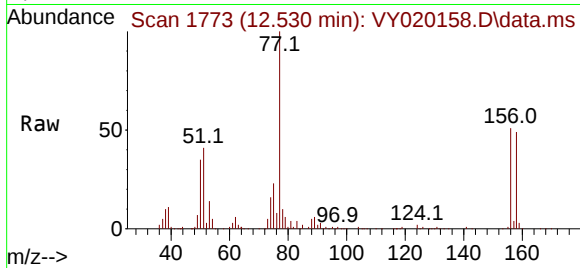




#77
Bromobenzene
Concen: 20.264 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

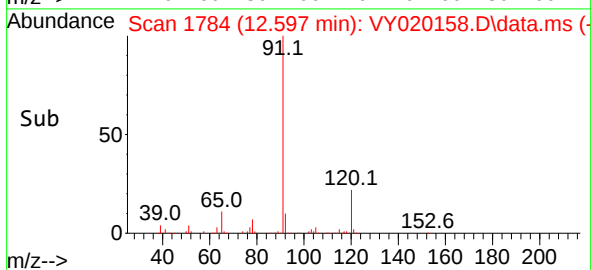
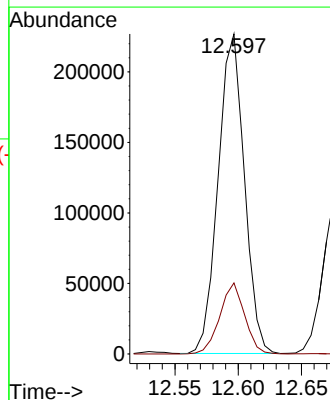
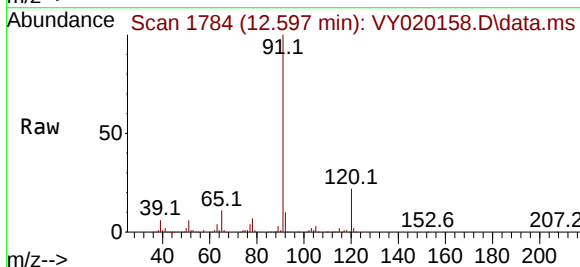
Instrument :
MSVOA_Y
ClientSampleId :

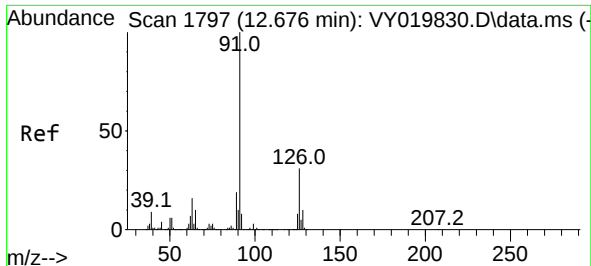
Tgt Ion:156 Resp: 53050
Ion Ratio Lower Upper
156 100
77 209.1 87.1 261.3
158 97.4 48.6 145.9



#78
n-propylbenzene
Concen: 20.255 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 91 Resp: 326331
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4

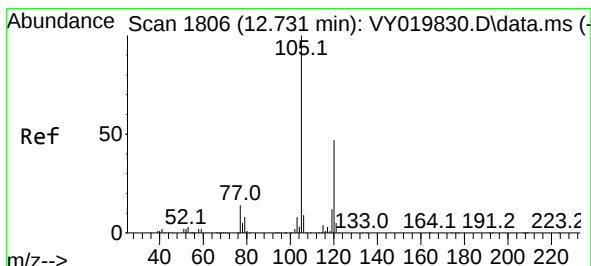
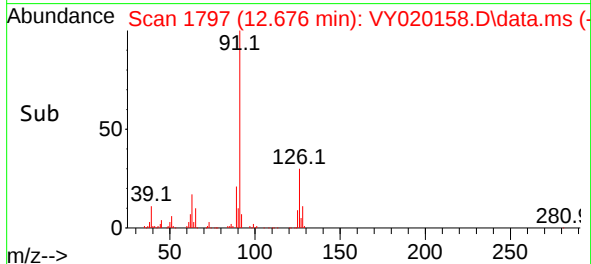
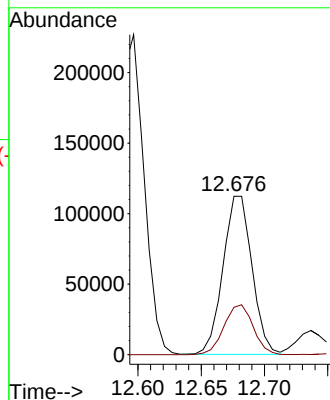
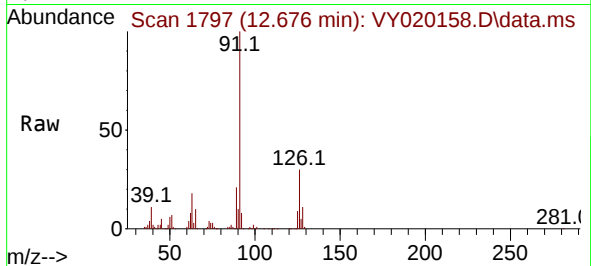




#79
2-Chlorotoluene
Concen: 20.043 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

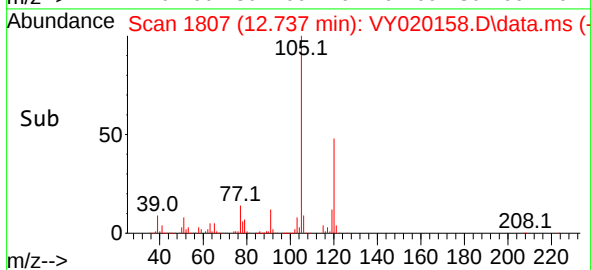
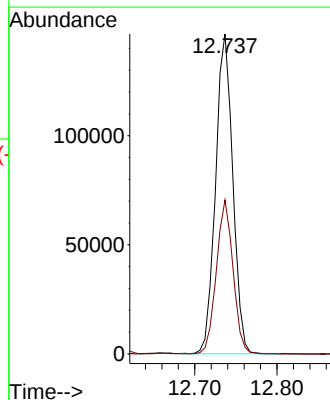
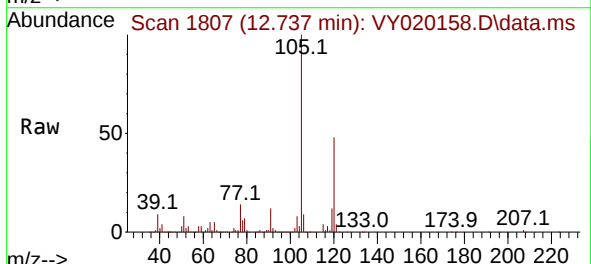
Instrument :
MSVOA_Y
ClientSampleId :

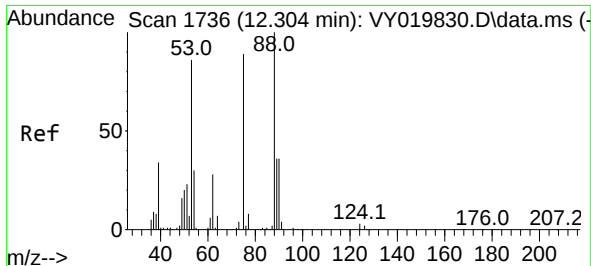
Tgt Ion: 91 Resp: 179241
Ion Ratio Lower Upper
91 100
126 31.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.489 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 105 Resp: 212931
Ion Ratio Lower Upper
105 100
120 46.6 25.1 75.2

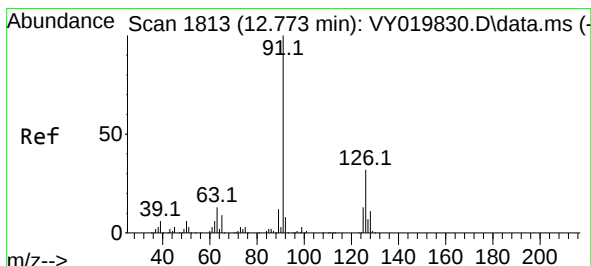
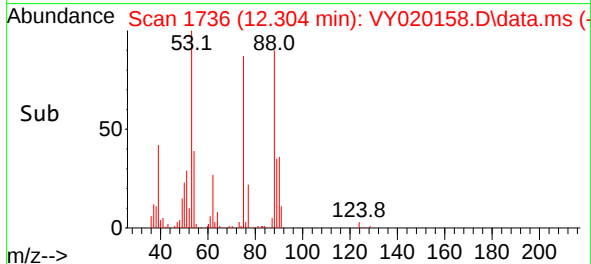
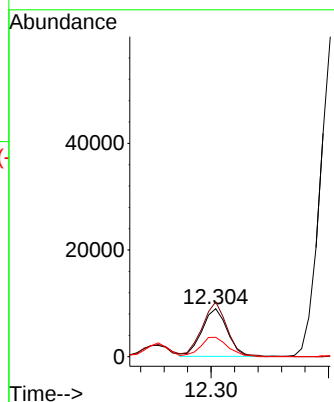
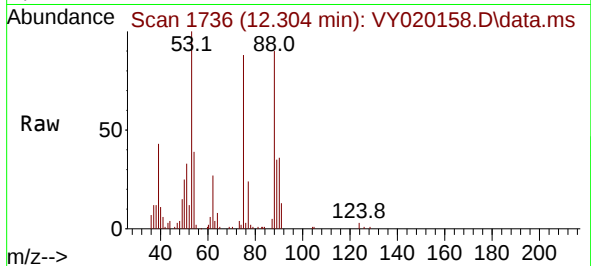




#81
trans-1,4-Dichloro-2-butene
Concen: 18.842 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

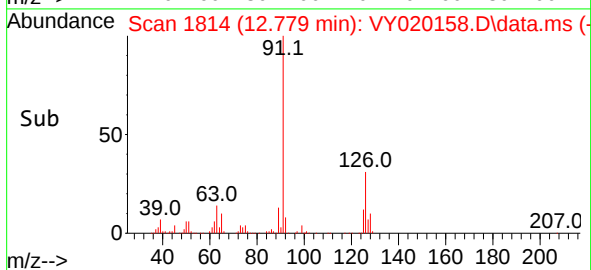
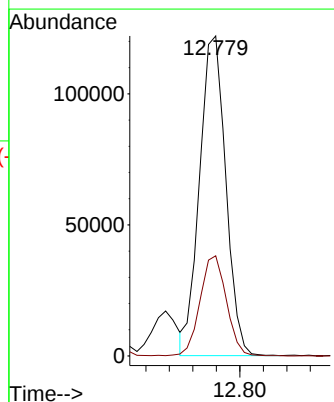
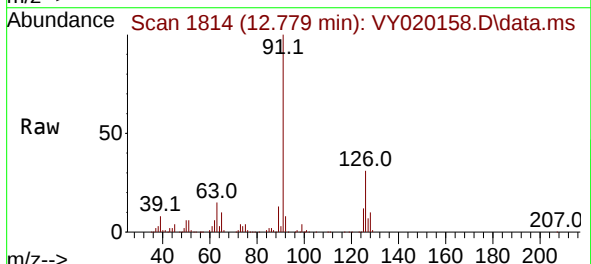
Instrument :
MSVOA_Y
ClientSampleId :

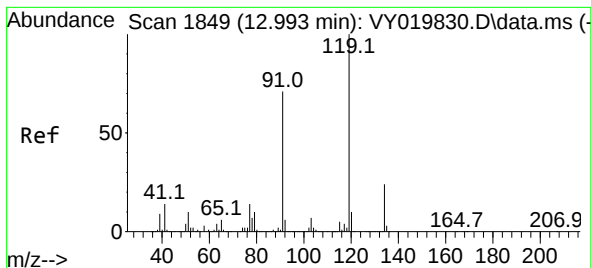
Tgt Ion: 75 Resp: 13306
Ion Ratio Lower Upper
75 100
53 111.1 66.8 100.2#
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.736 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020158.D
Acq: 05 Nov 2024 11:48

Tgt Ion: 91 Resp: 189077
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.541 ug/l

RT: 12.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

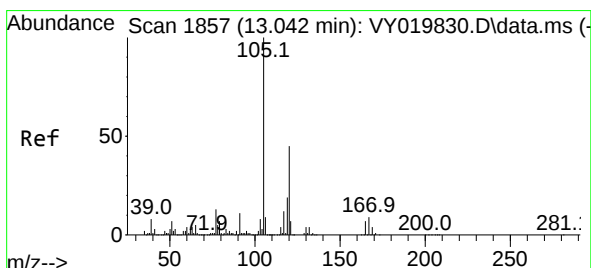
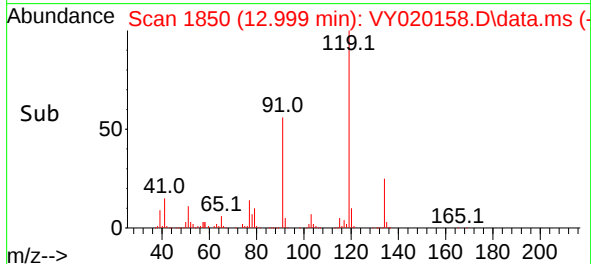
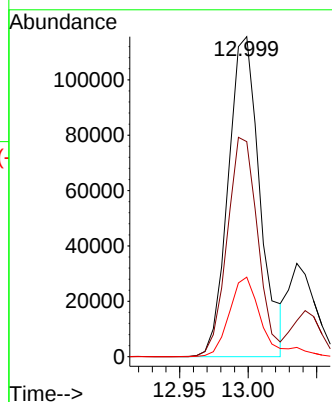
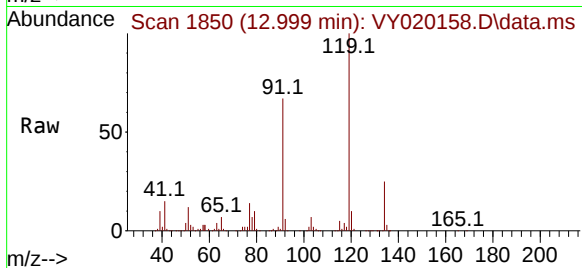
Tgt Ion:119 Resp: 186673

Ion Ratio Lower Upper

119 100

91 66.2 31.3 93.8

134 25.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.645 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020158.D

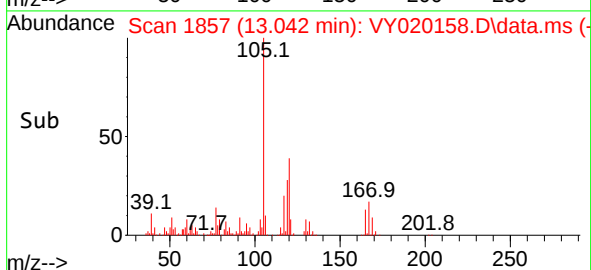
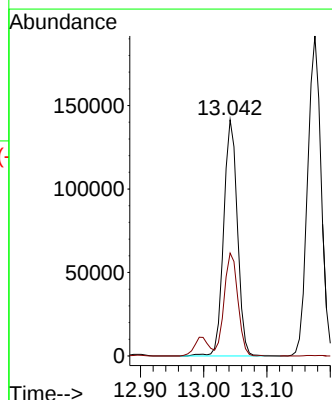
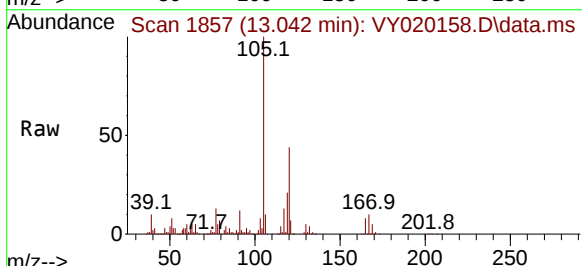
Acq: 05 Nov 2024 11:48

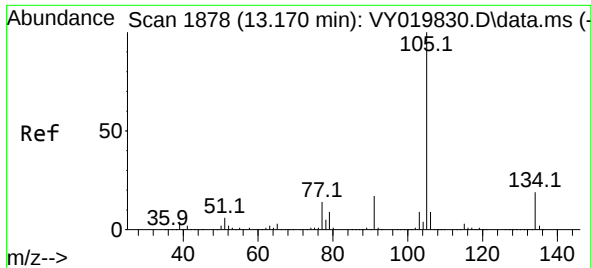
Tgt Ion:105 Resp: 212510

Ion Ratio Lower Upper

105 100

120 43.3 23.2 69.6

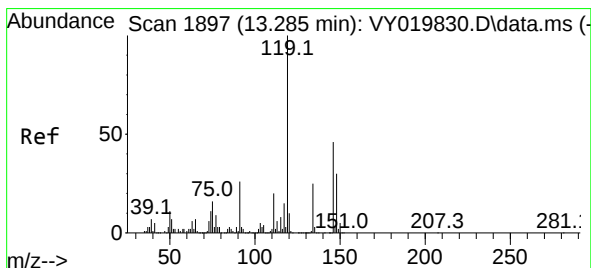
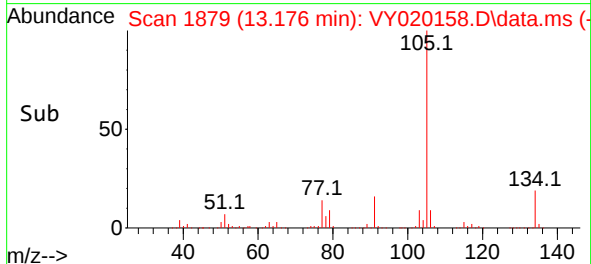
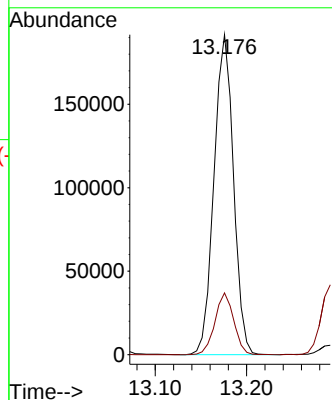
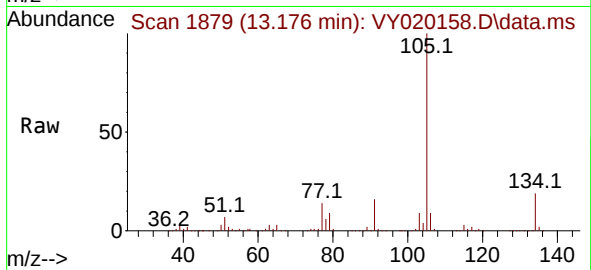




#85
 sec-Butylbenzene
 Concen: 20.339 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

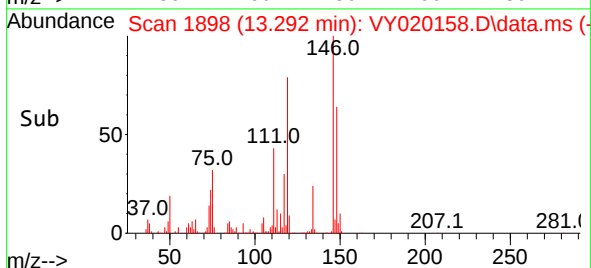
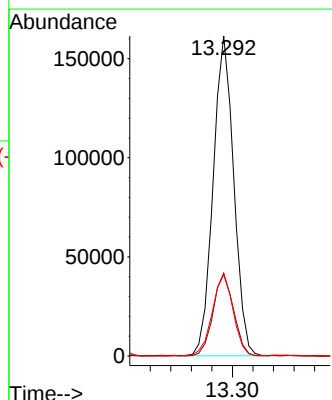
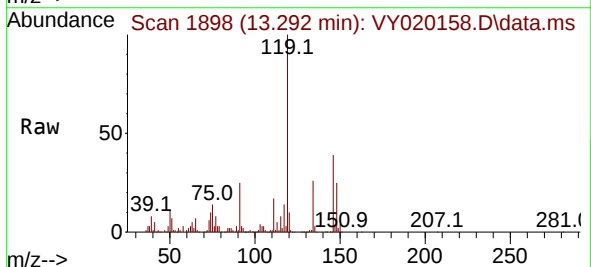
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 283747
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.068 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020158.D
 Acq: 05 Nov 2024 11:48

Tgt Ion:119 Resp: 224670
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 25.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.353 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

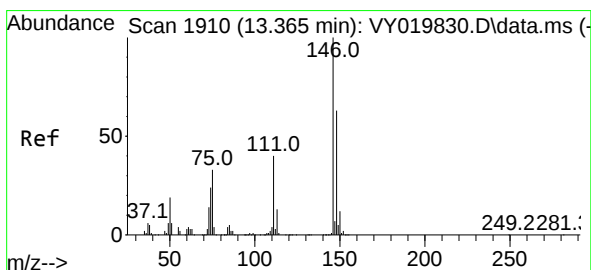
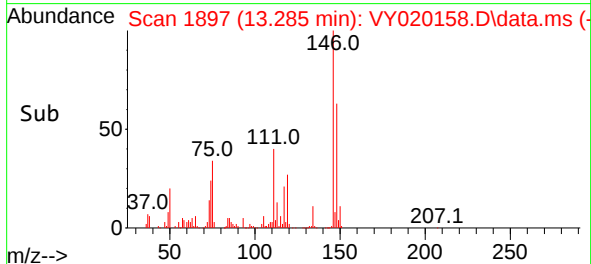
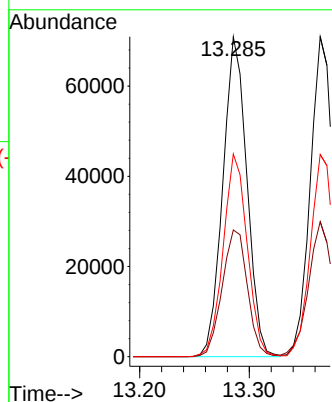
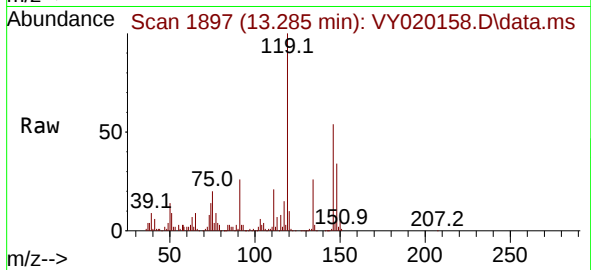
Tgt Ion:146 Resp: 108248

Ion Ratio Lower Upper

146 100

111 41.4 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.950 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

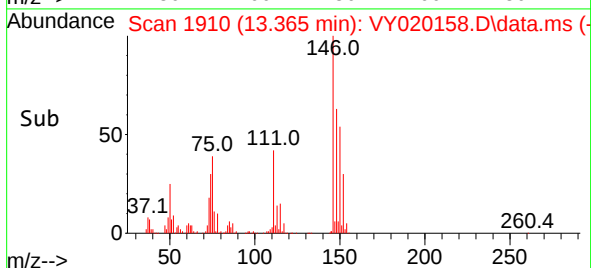
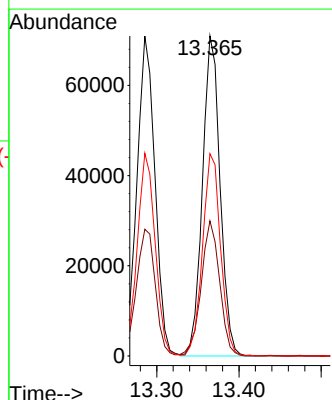
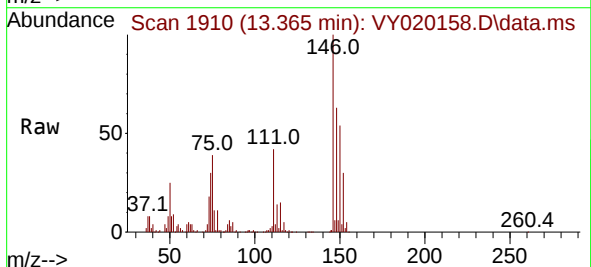
Tgt Ion:146 Resp: 105661

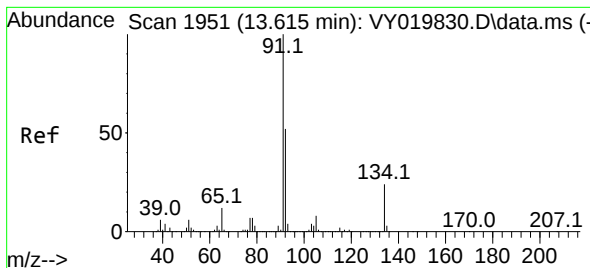
Ion Ratio Lower Upper

146 100

111 44.2 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 19.605 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

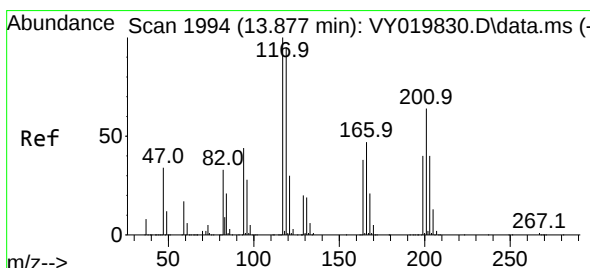
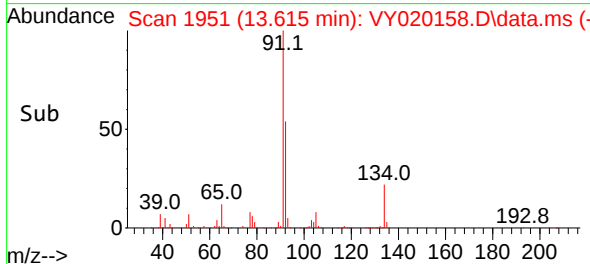
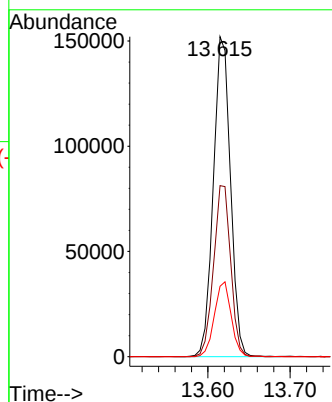
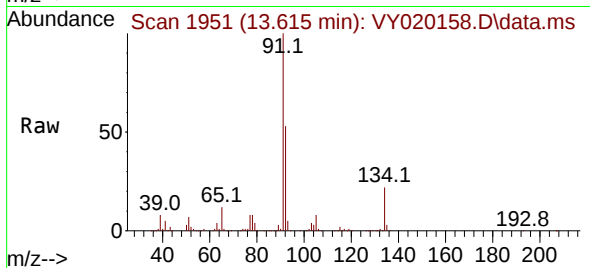
Tgt Ion: 91 Resp: 220013

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 23.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.767 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY020158.D

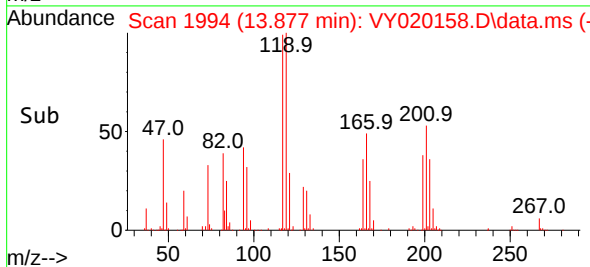
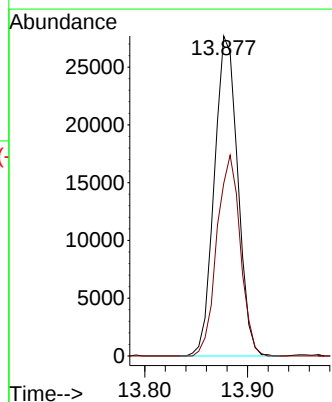
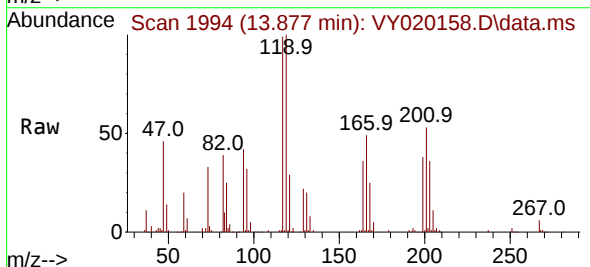
Acq: 05 Nov 2024 11:48

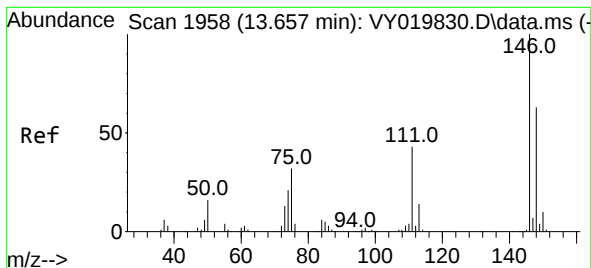
Tgt Ion: 117 Resp: 43765

Ion Ratio Lower Upper

117 100

201 62.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.517 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

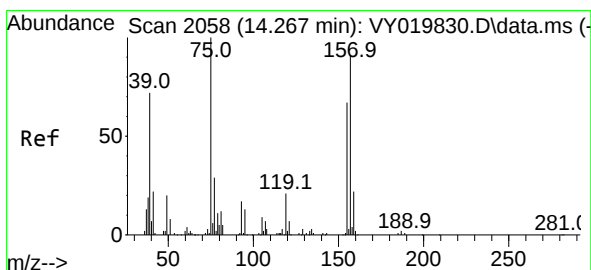
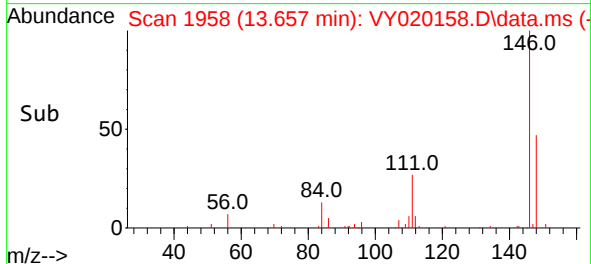
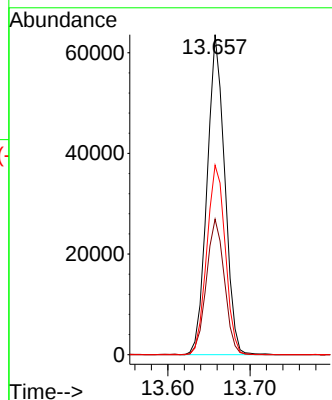
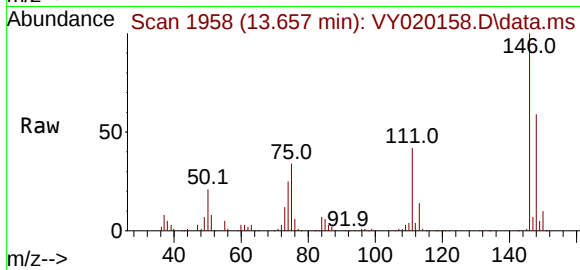
Tgt Ion:146 Resp: 94848

Ion Ratio Lower Upper

146 100

111 43.3 19.9 59.7

148 61.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.040 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

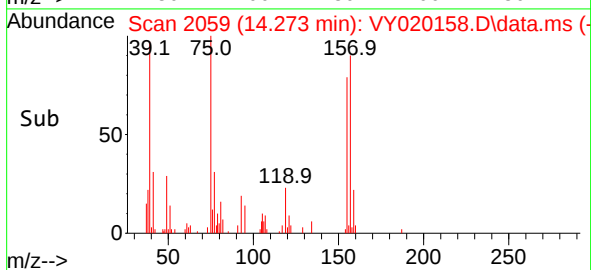
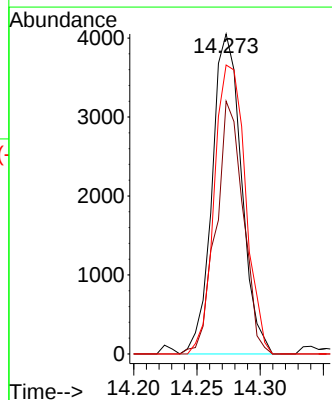
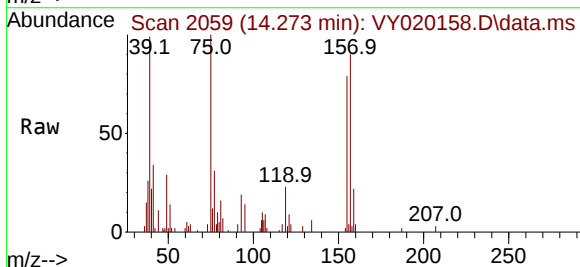
Tgt Ion: 75 Resp: 6537

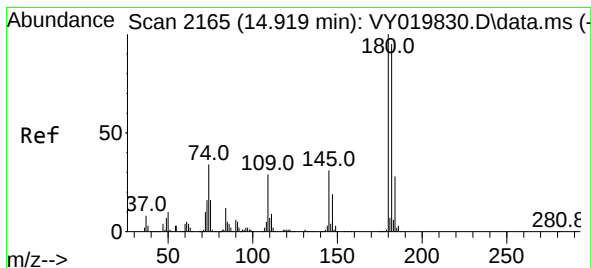
Ion Ratio Lower Upper

75 100

155 73.2 48.6 145.8

157 95.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.108 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

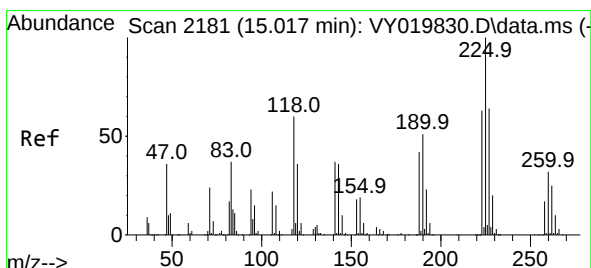
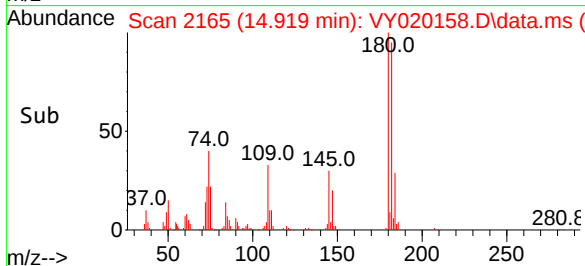
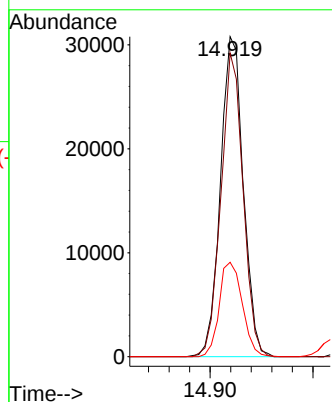
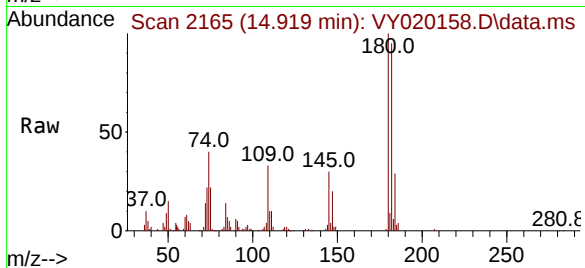
Tgt Ion:180 Resp: 47452

Ion Ratio Lower Upper

180 100

182 91.6 47.9 143.8

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.492 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

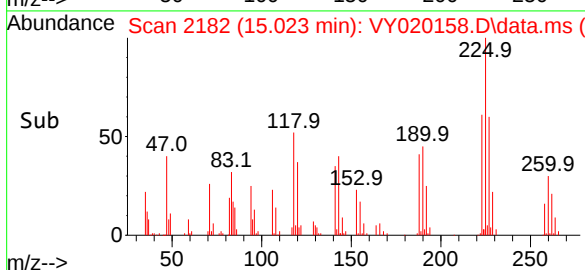
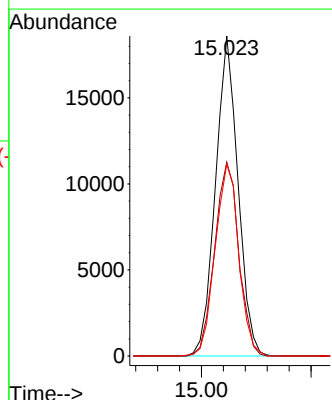
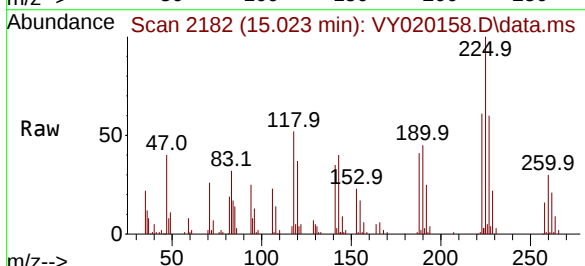
Tgt Ion:225 Resp: 26470

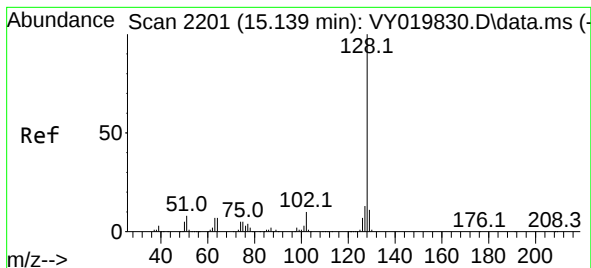
Ion Ratio Lower Upper

225 100

223 64.9 30.4 91.2

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 18.213 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

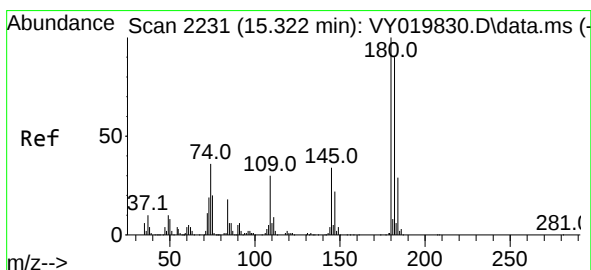
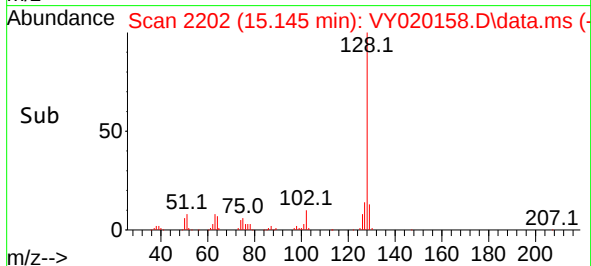
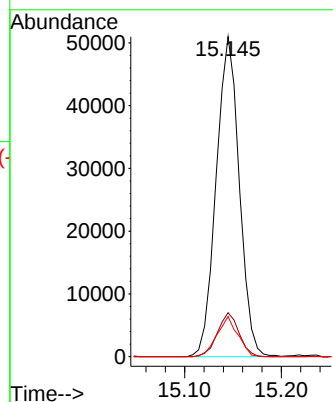
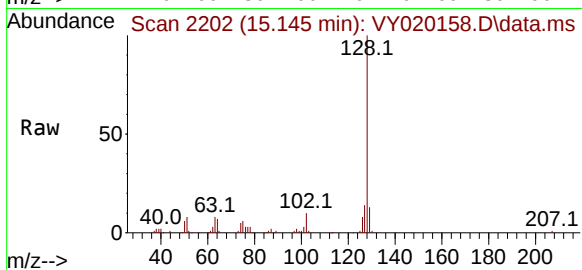
Tgt Ion:128 Resp: 84549

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.267 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020158.D

Acq: 05 Nov 2024 11:48

Tgt Ion:180 Resp: 38508

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 32.9 15.4 46.1

