

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020101.D
 Acq On : 31 Oct 2024 17:46
 Operator : SY/MD
 Sample : P4613-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:50:27 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	7.701	168	1297	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	2610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1175	72.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.180%	
35) Dibromofluoromethane	7.628	113	827	49.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.103	98	2458	37.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.420%	
62) 4-Bromofluorobenzene	12.408	95	542	25.262	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 50.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.745	85	42	3.498	ug/l #	43
3) Chloromethane	2.056	50	38	1.911	ug/l #	43
4) Vinyl Chloride	2.141	62	109	5.106	ug/l	92
5) Bromomethane	2.611	94	124	8.748	ug/l #	3
6) Chloroethane	2.812	64	58	4.210	ug/l #	42
8) Diethyl Ether	3.422	74	27	3.712	ug/l #	1
10) Methyl Iodide	4.031	142	59	4.178	ug/l #	42
11) Tert butyl alcohol	4.842	59	61	52.389	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	23	1.643	ug/l #	1
13) Acrolein	3.562	56	20	13.798	ug/l #	1
14) Allyl chloride	4.409	41	56	2.218	ug/l #	1
15) Acrylonitrile	4.946	53	74	22.348	ug/l #	18
16) Acetone	3.879	43	93	24.705	ug/l #	36
18) Methyl Acetate	4.366	43	44	4.982	ug/l #	74
21) trans-1,2-Dichloroethene	5.183	96	19	1.204	ug/l #	1
25) 2-Butanone	6.890	43	20	3.919	ug/l #	41
26) 2,2-Dichloropropane	7.098	77	51	2.020	ug/l #	51
27) cis-1,2-Dichloroethene	6.836	96	26	1.433	ug/l #	1
28) Bromochloromethane	7.256	49	47	3.308	ug/l #	6
29) Tetrahydrofuran	7.238	42	56	19.016	ug/l #	26
36) 1,1-Dichloropropene	7.695	75	158	6.164	ug/l #	40
37) Ethyl Acetate	6.976	43	36	2.946	ug/l #	67
38) Carbon Tetrachloride	7.720	117	133	5.160	ug/l #	13
41) Methacrylonitrile	7.195	41	23	3.757	ug/l #	1
42) 1,2-Dichloroethane	8.195	62	23	1.111	ug/l #	71
43) Isopropyl Acetate	8.158	43	59	2.510	ug/l #	87
44) Trichloroethene	8.933	130	32	1.845	ug/l	3
46) Dibromomethane	9.030	93	68	7.010	ug/l #	3
48) Methyl methacrylate	9.201	41	20	1.837	ug/l #	1
51) 4-Methyl-2-Pentanone	10.140	43	54	4.459	ug/l	92
52) Toluene	10.176	92	65	1.409	ug/l #	1
55) 1,1,2-Trichloroethane	10.365	97	33	2.736	ug/l #	16
56) Ethyl methacrylate	10.414	69	42	2.428	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.853	63	40	4.688	ug/l #	45
59) 2-Hexanone	10.786	43	28	3.225	ug/l #	19
60) Dibromochloromethane	10.841	129	20	1.301	ug/l #	10

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

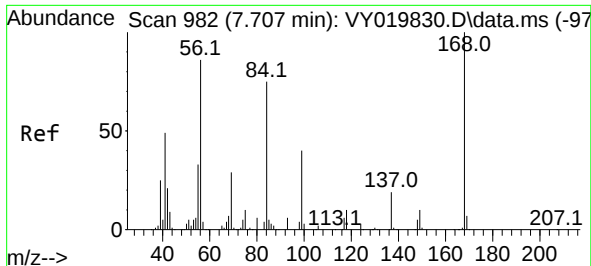
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 1,2-Dibromoethane	11.121	107	26	2.320	ug/l #	47
66) 1,1,1,2-Tetrachloroethane	11.518	131	20	2.183	ug/l #	1
67) Ethyl Benzene	11.505	91	65	1.212	ug/l #	1
68) m/p-Xylenes	11.573	106	62	3.161	ug/l	81
69) o-Xylene	11.829	106	44	2.369	ug/l #	1
71) Bromoform	11.938	173	20	4.255	ug/l #	27
73) Isopropylbenzene	12.255	105	145	4.504	ug/l #	48
74) N-amyl acetate	12.048	43	109	13.545	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.493	83	30	5.328	ug/l #	26
76) 1,2,3-Trichloropropane	12.517	75	33	8.735	ug/l #	100
77) Bromobenzene	12.585	156	45	6.912	ug/l #	1
78) n-propylbenzene	12.591	91	109	2.720	ug/l #	53
79) 2-Chlorotoluene	12.713	91	116	5.216	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.828	105	50	1.935	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.420	75	257	146.332	ug/l #	16
82) 4-Chlorotoluene	12.774	91	154	6.791	ug/l #	39
83) tert-Butylbenzene	12.950	119	121	5.354	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.011	105	59	2.305	ug/l #	30
85) sec-Butylbenzene	13.182	105	84	2.421	ug/l #	56
86) p-Isopropyltoluene	13.286	119	71	2.550	ug/l #	60
87) 1,3-Dichlorobenzene	13.249	146	45	3.402	ug/l #	1
88) 1,4-Dichlorobenzene	13.395	146	27	2.050	ug/l #	25
89) n-Butylbenzene	13.615	91	85	3.045	ug/l #	33
90) Hexachloroethane	13.859	117	93	16.890	ug/l #	12
91) 1,2-Dichlorobenzene	13.822	146	36	3.131	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.383	75	23	26.936	ug/l #	1
94) Hexachlorobutadiene	14.810	225	23	6.810	ug/l #	19
95) Naphthalene	15.133	128	166	14.379	ug/l #	55

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

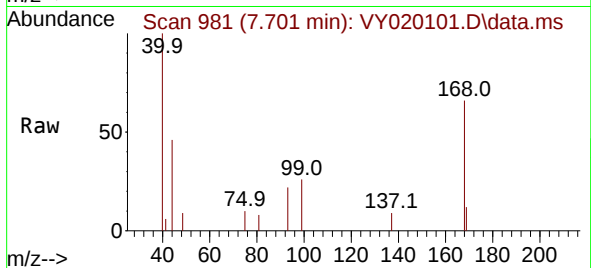
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
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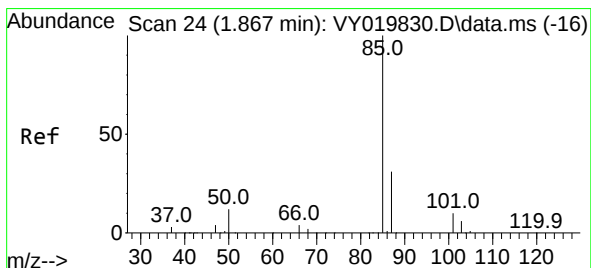
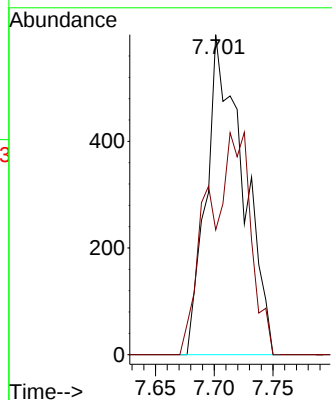
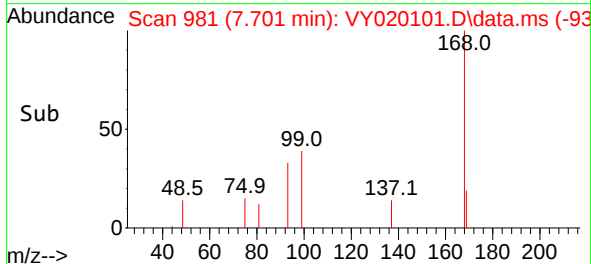


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY020101.D
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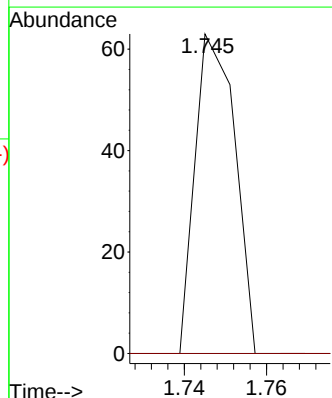
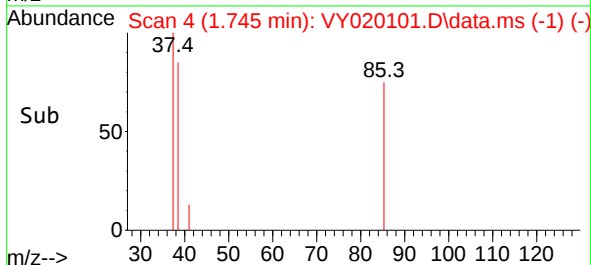
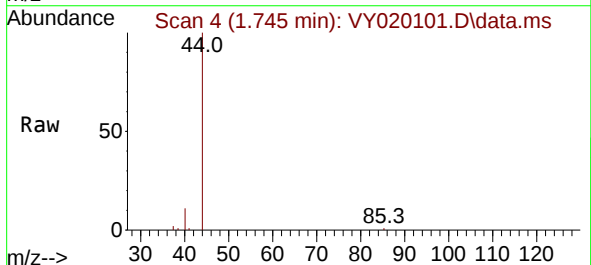


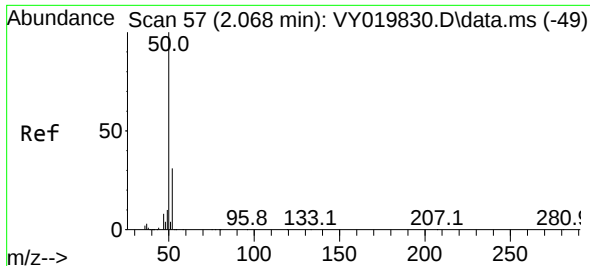
Tgt Ion:168 Resp: 1297
Ion Ratio Lower Upper
168 100
99 39.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 3.498 ug/l
RT: 1.745 min Scan# 4
Delta R.T. -0.121 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

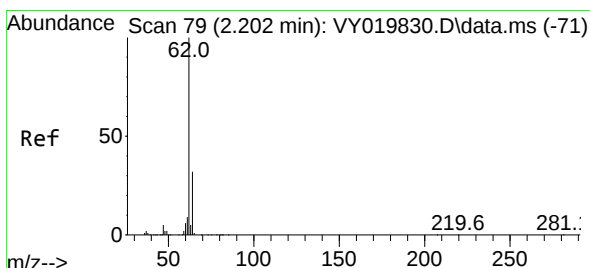
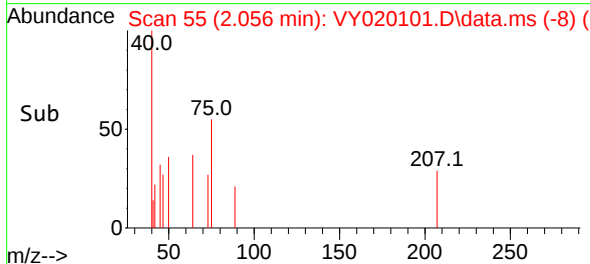
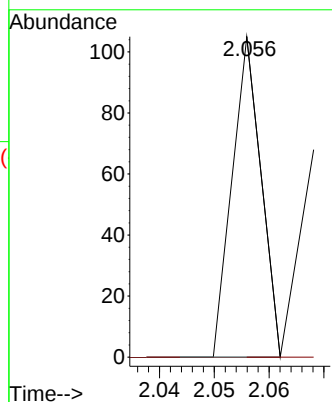
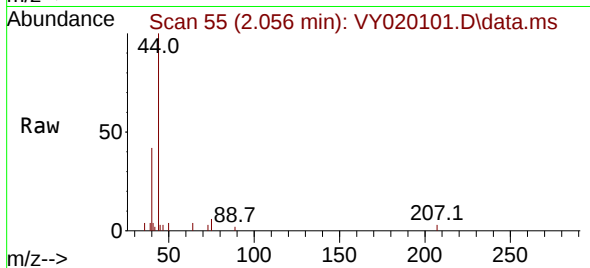




#3
Chloromethane
Concen: 1.911 ug/l
RT: 2.056 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

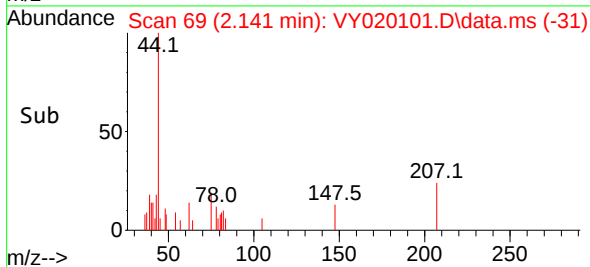
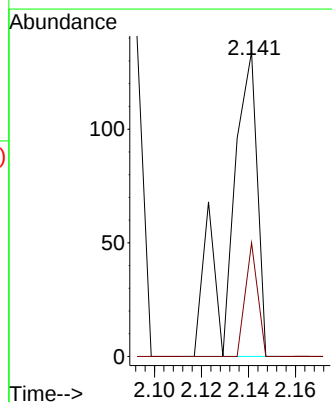
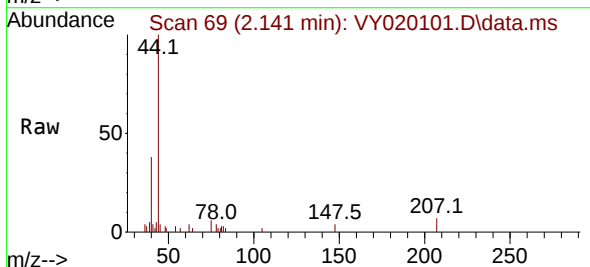
Instrument :
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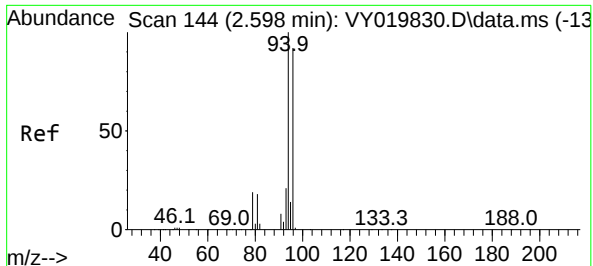
Tgt Ion: 50 Resp: 38
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 5.106 ug/l
RT: 2.141 min Scan# 69
Delta R.T. -0.067 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 62 Resp: 109
Ion Ratio Lower Upper
62 100
64 37.3 26.1 39.1

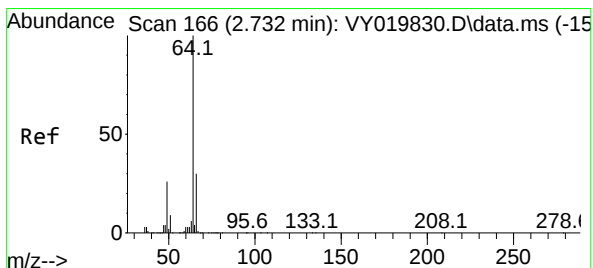
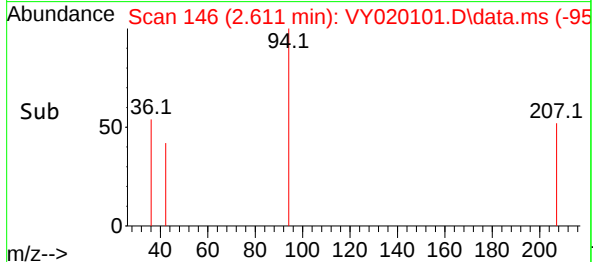
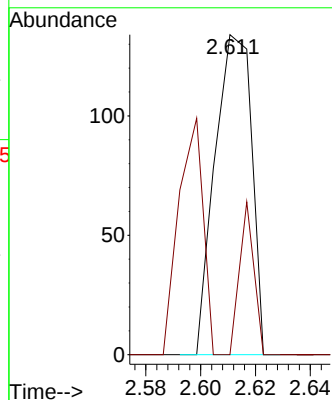
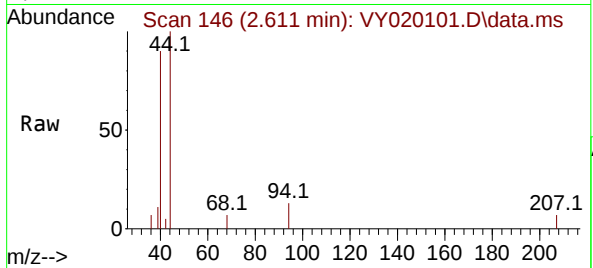




#5
Bromomethane
Concen: 8.748 ug/l
RT: 2.611 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

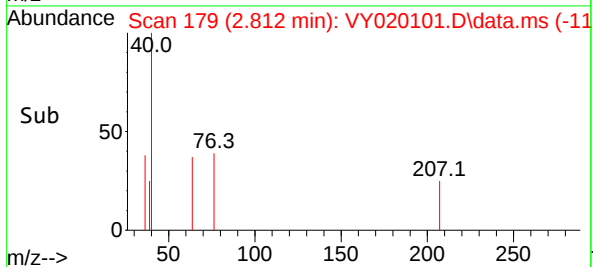
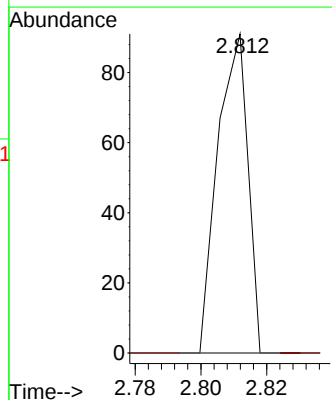
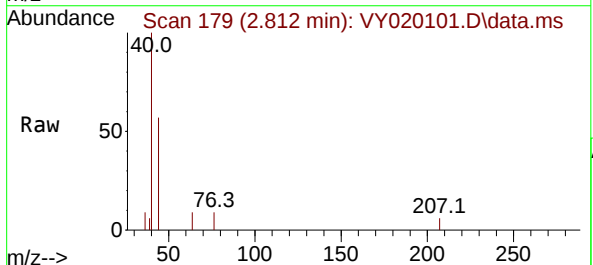
Instrument :
MSVOA_Y
ClientSampleId :

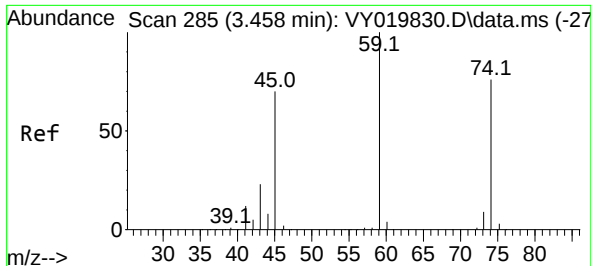
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 4.210 ug/l
RT: 2.812 min Scan# 179
Delta R.T. 0.074 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

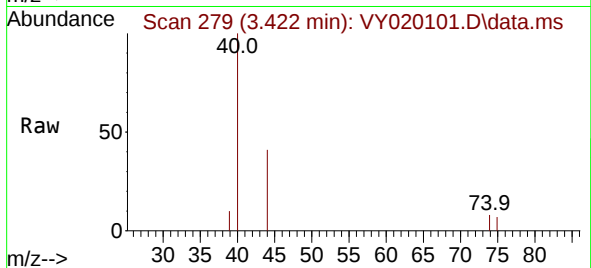
Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



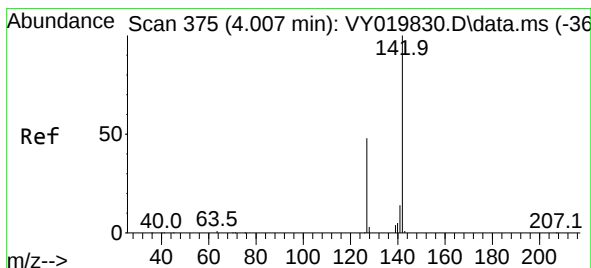
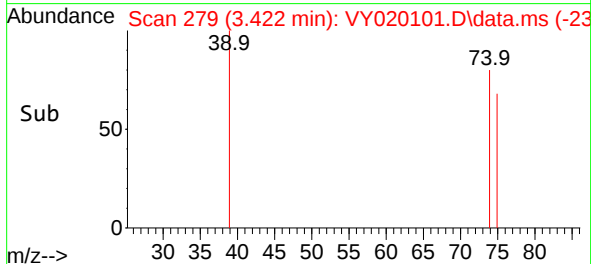
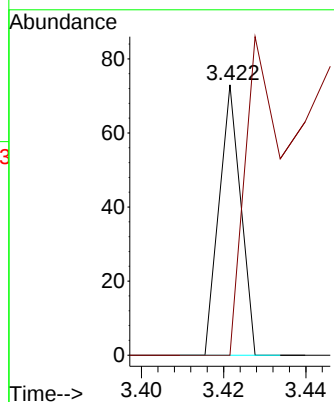


#8
Diethyl Ether
Concen: 3.712 ug/l
RT: 3.422 min Scan# 21
Delta R.T. -0.036 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

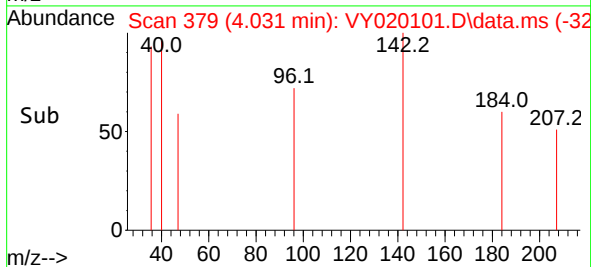
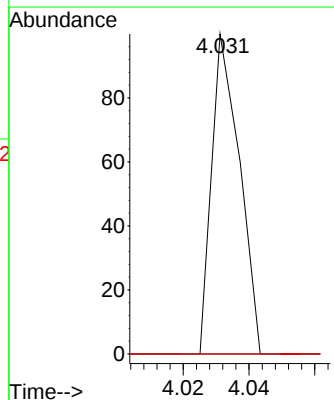
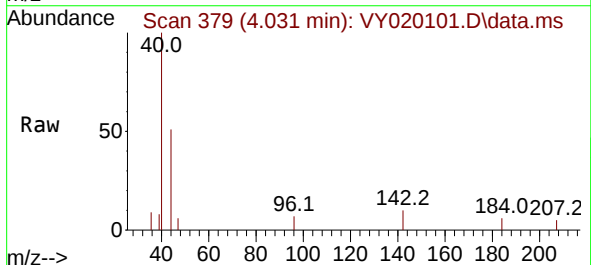


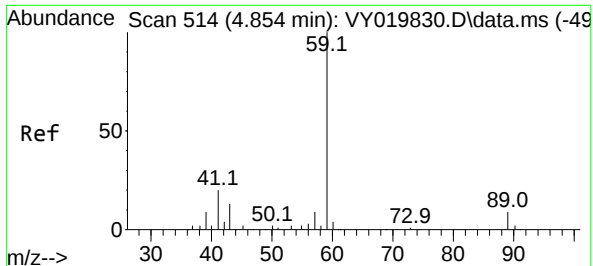
Tgt Ion: 74 Resp: 27
Ion Ratio Lower Upper
74 100
45 377.8 41.3 124.1#



#10
Methyl Iodide
Concen: 4.178 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

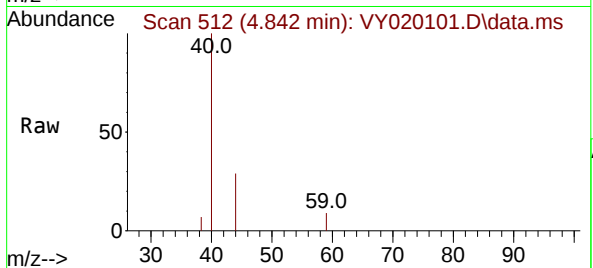
Tgt Ion: 142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



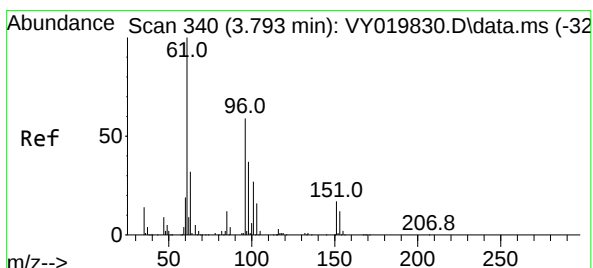
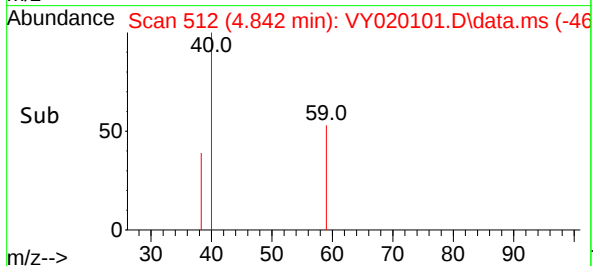
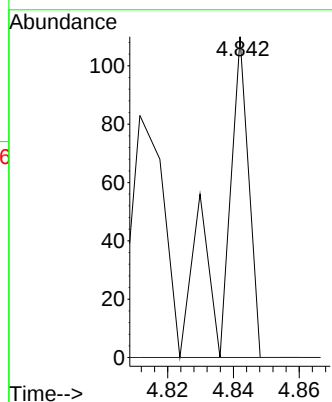


#11
Tert butyl alcohol
Concen: 52.389 ug/l
RT: 4.842 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Instrument :
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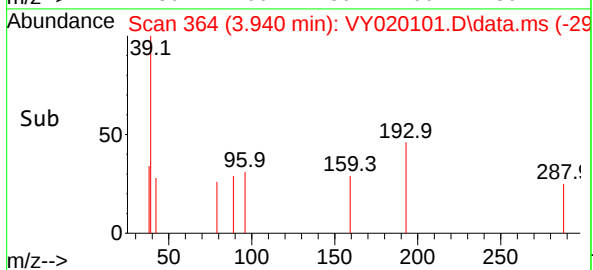
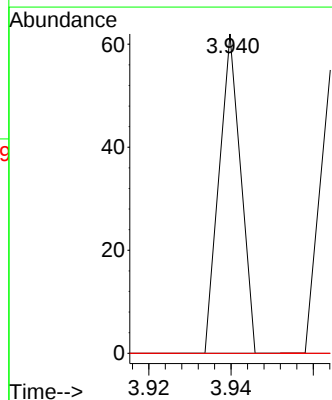
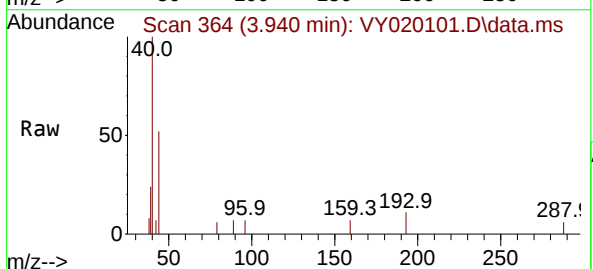


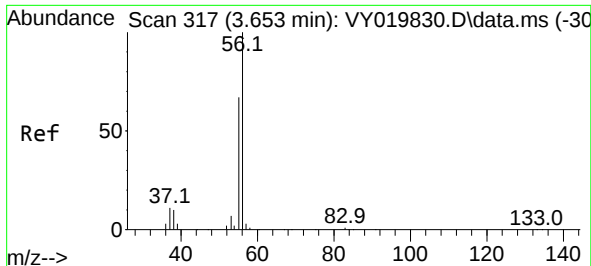
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 1.643 ug/l
RT: 3.940 min Scan# 364
Delta R.T. 0.153 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

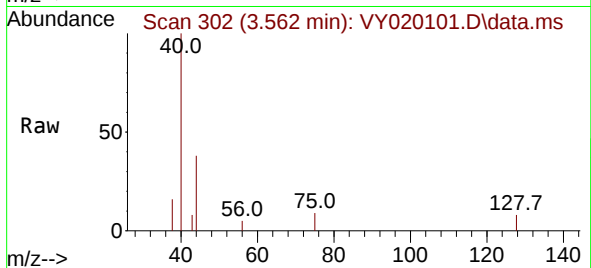
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Ion Ratio Lower Upper
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61 0.0 114.6 171.8#
98 0.0 50.8 76.2#



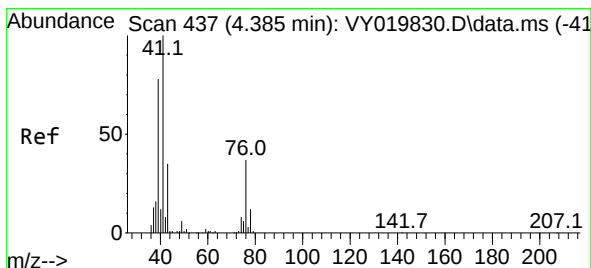
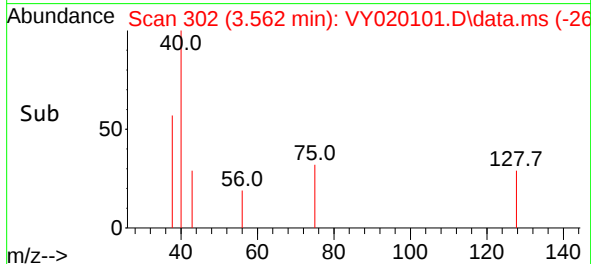
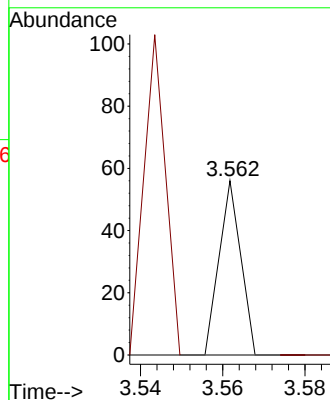


#13
Acrolein
Concen: 13.798 ug/l
RT: 3.562 min Scan# 30
Delta R.T. -0.091 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

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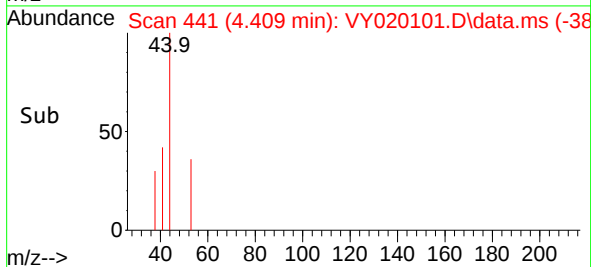
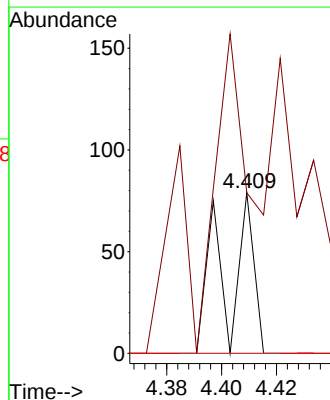
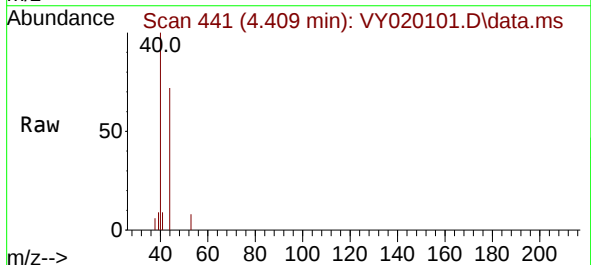


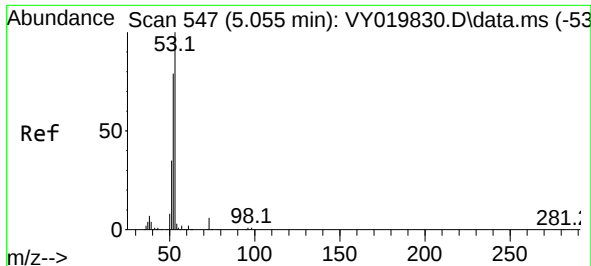
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 190.0 55.7 83.5#



#14
Allyl chloride
Concen: 2.218 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.025 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 251.8 58.3 87.5#
76 0.0 39.0 58.6#

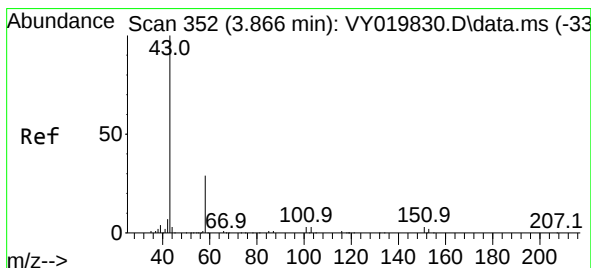
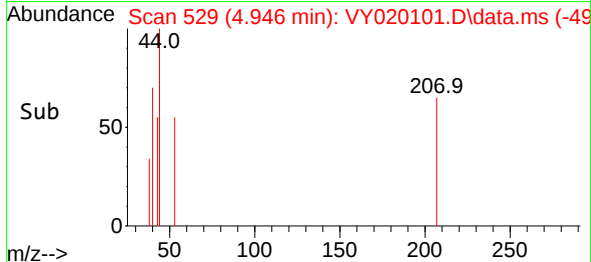
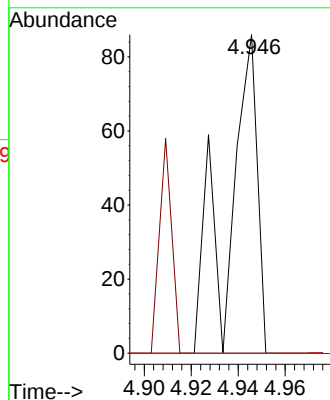
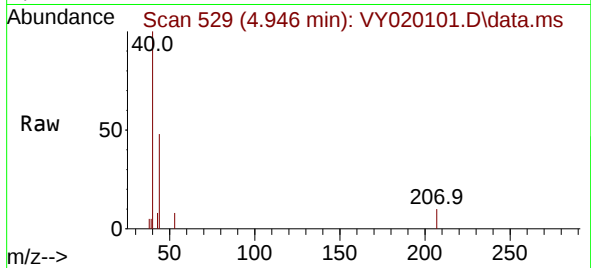




#15
Acrylonitrile
Concen: 22.348 ug/l
RT: 4.946 min Scan# 51
Delta R.T. -0.109 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

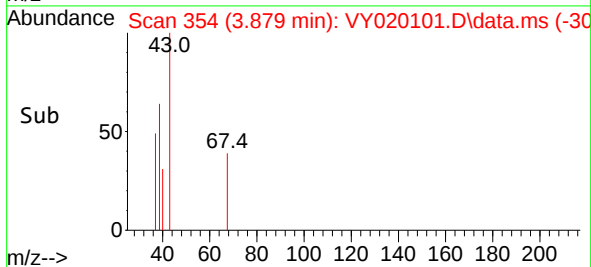
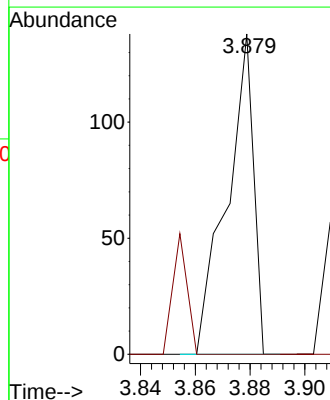
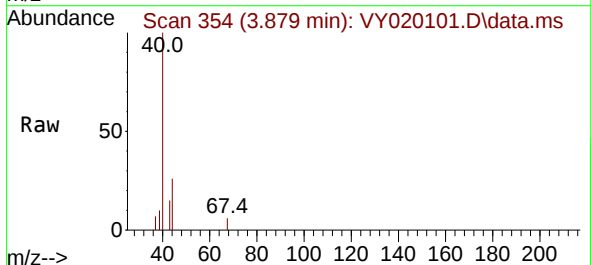
Instrument :
MSVOA_Y
ClientSampleId :

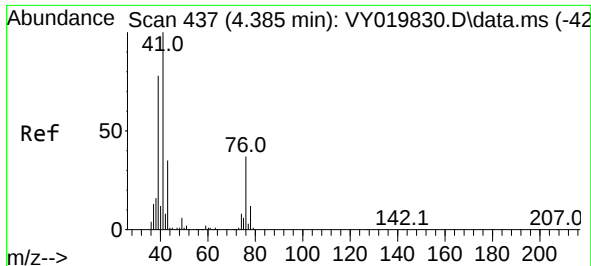
Tgt Ion: 53 Resp: 74
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 24.705 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

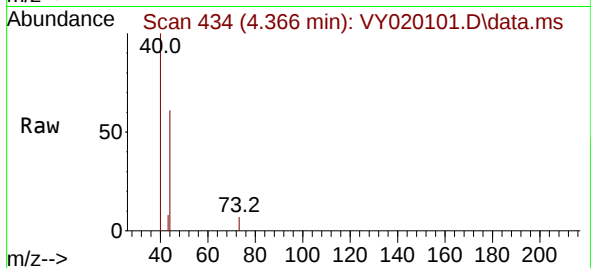
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



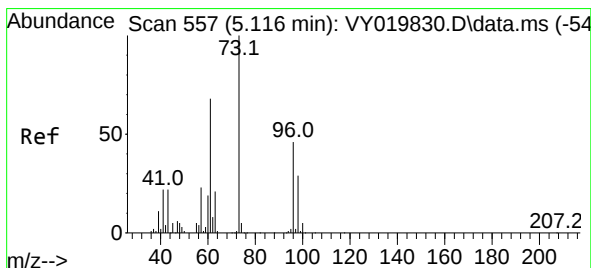
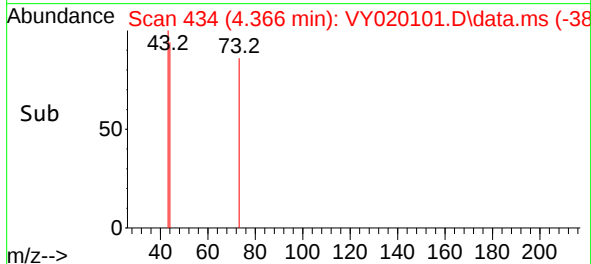
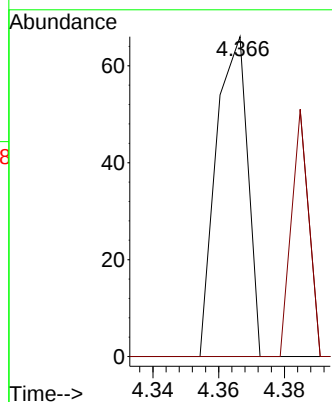


#18
Methyl Acetate
Concen: 4.982 ug/l
RT: 4.366 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

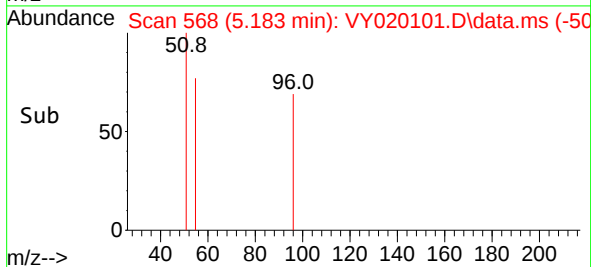
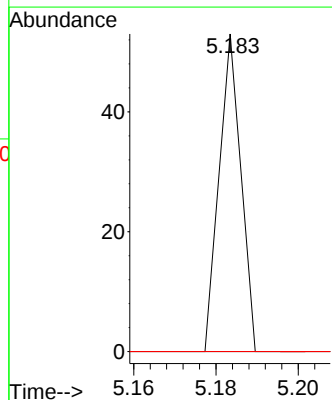
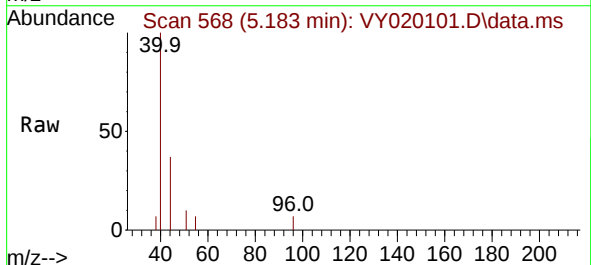


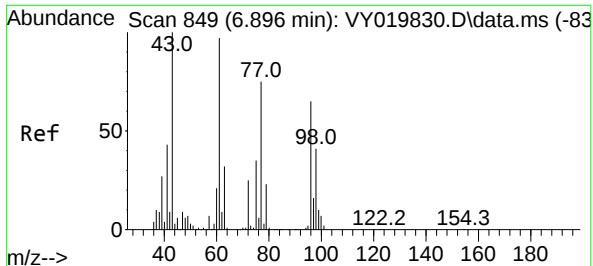
Tgt Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
74 43.2 23.3 34.9#



#21
trans-1,2-Dichloroethene
Concen: 1.204 ug/l
RT: 5.183 min Scan# 568
Delta R.T. 0.074 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#





#25

2-Butanone

Concen: 3.919 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

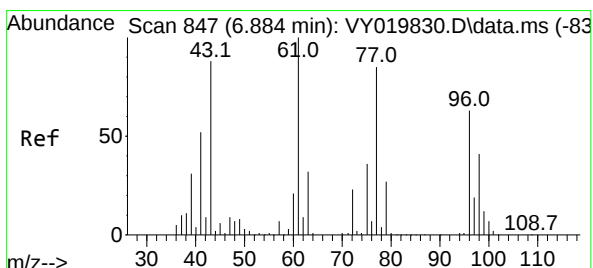
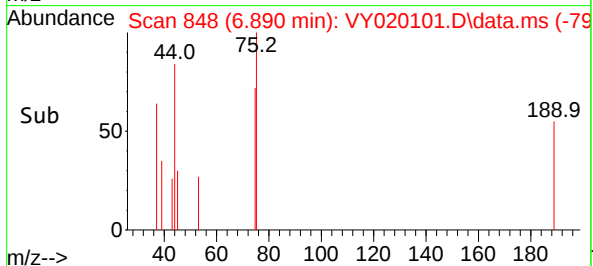
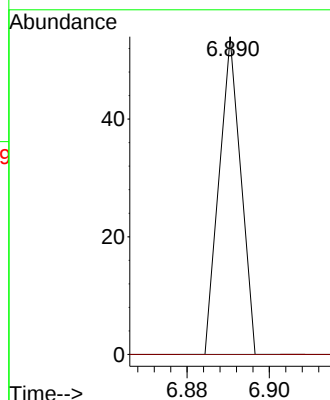
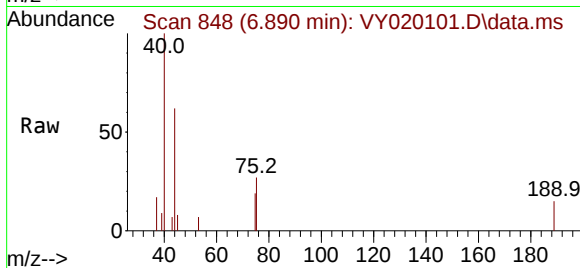
ClientSampleId :

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 2.020 ug/l

RT: 7.098 min Scan# 882

Delta R.T. 0.214 min

Lab File: VY020101.D

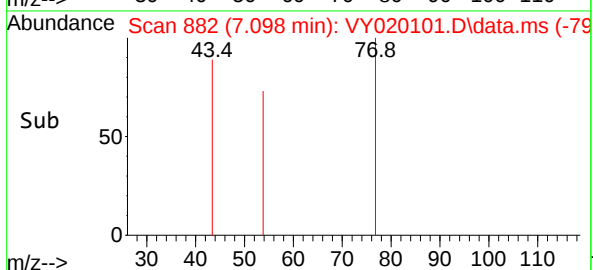
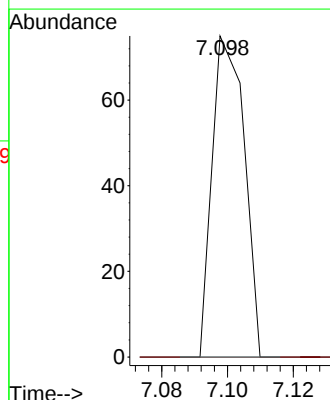
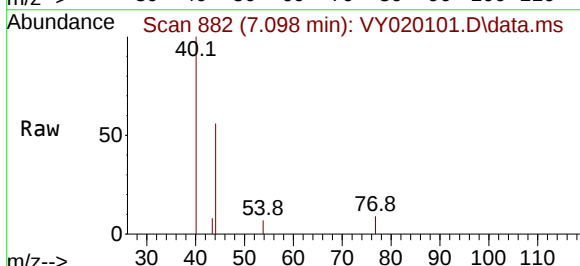
Acq: 31 Oct 2024 17:46

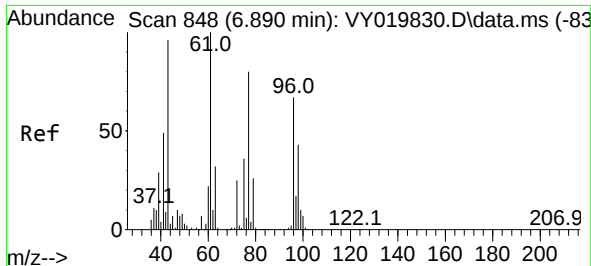
Tgt Ion: 77 Resp: 51

Ion Ratio Lower Upper

77 100

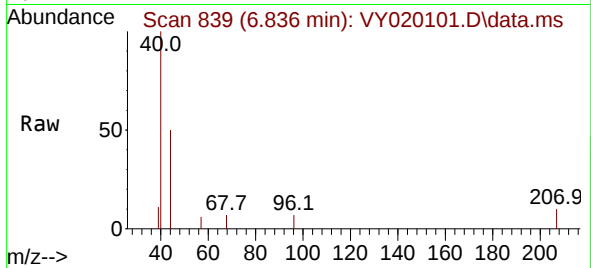
97 0.0 12.0 36.1#



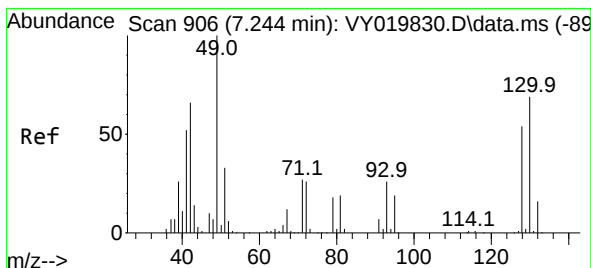
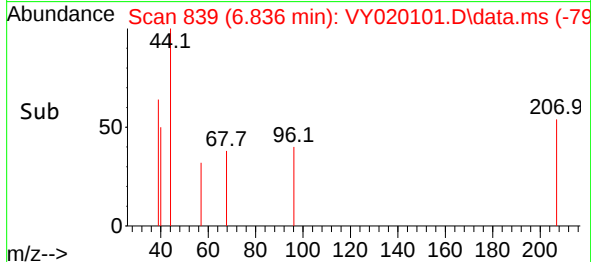
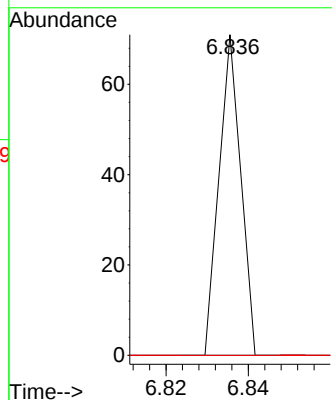


#27
 cis-1,2-Dichloroethene
 Concen: 1.433 ug/l
 RT: 6.836 min Scan# 81
 Delta R.T. -0.054 min
 Lab File: VY020101.D
 Acq: 31 Oct 2024 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :

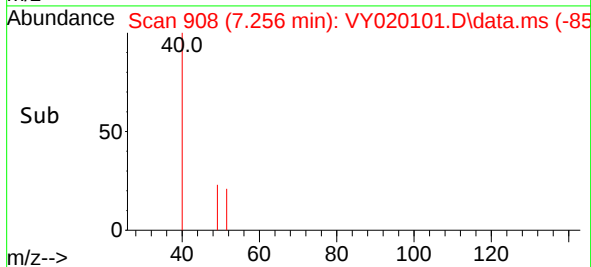
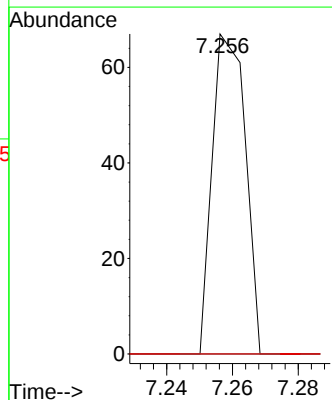
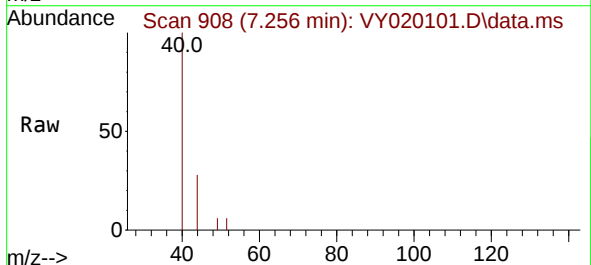


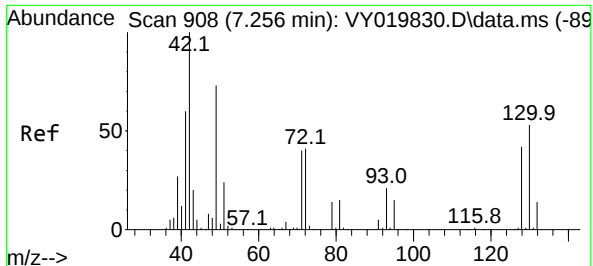
Tgt Ion: 96 Resp: 26
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 256.2
 98 0.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 3.308 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.013 min
 Lab File: VY020101.D
 Acq: 31 Oct 2024 17:46

Tgt Ion: 49 Resp: 47
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 19.016 ug/l

RT: 7.238 min Scan# 90

Delta R.T. -0.024 min

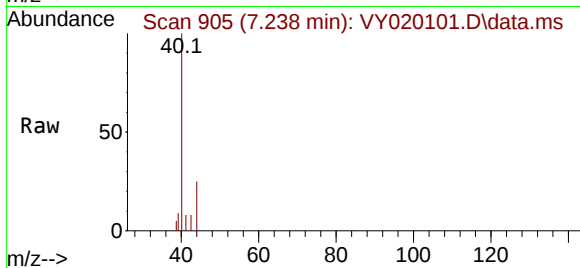
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

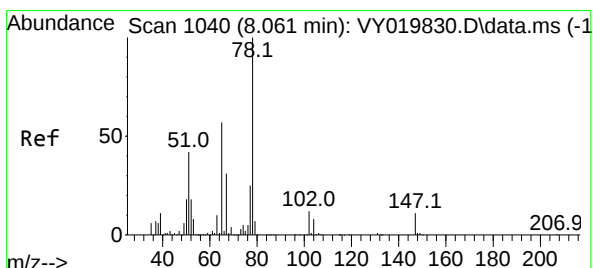
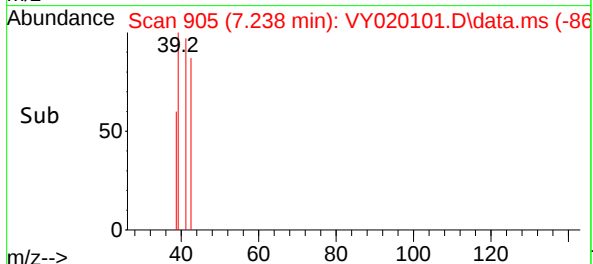
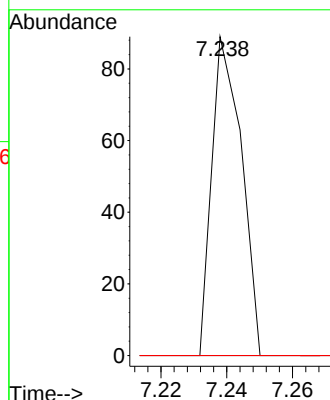
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	56
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 72.587 ug/l

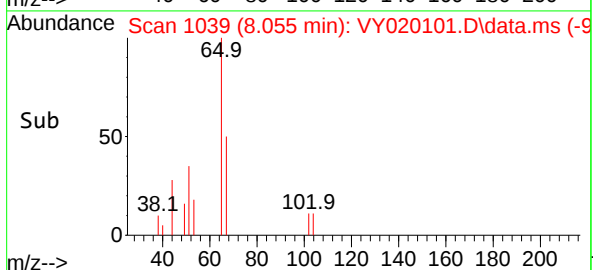
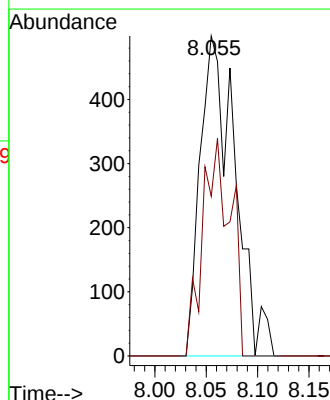
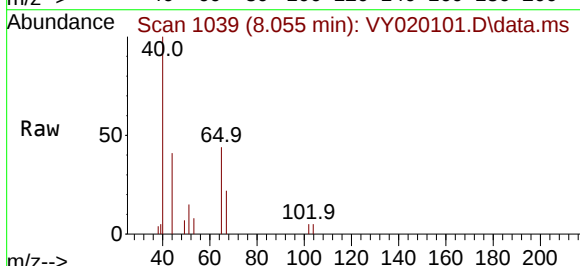
RT: 8.055 min Scan# 1039

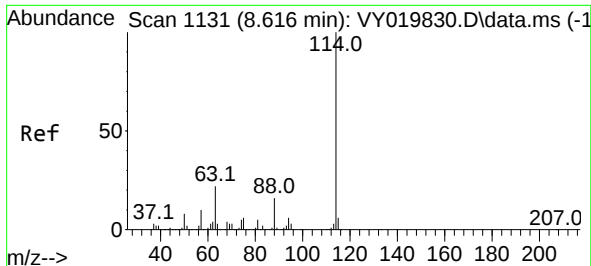
Delta R.T. -0.006 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion:	65	Resp:	1175
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

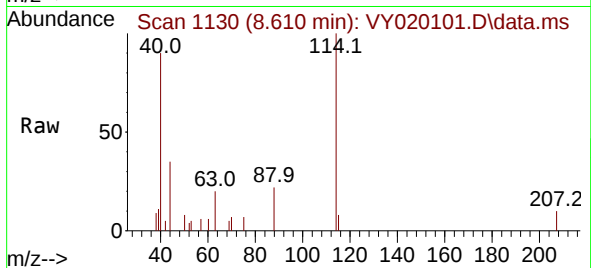
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

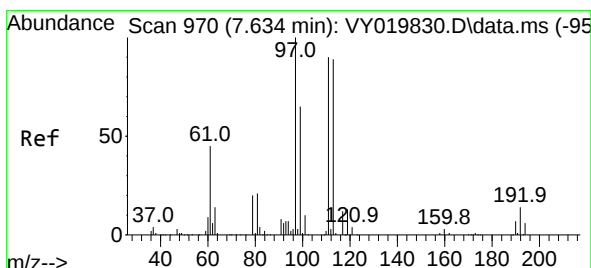
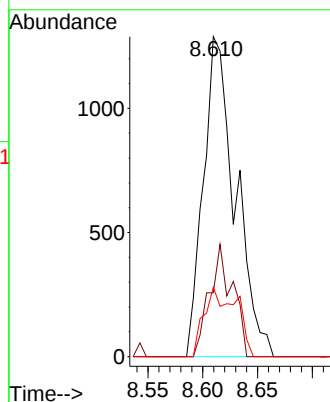
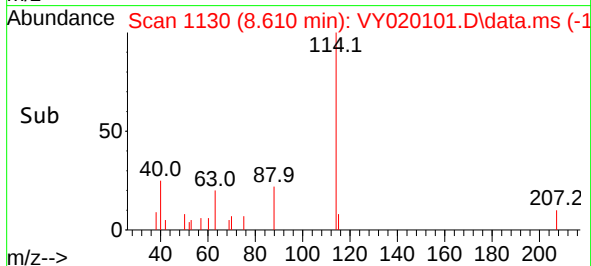
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:114	Resp:	2610
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 35.0
88	21.7	0.0 27.2



#35

Dibromofluoromethane

Concen: 49.837 ug/l

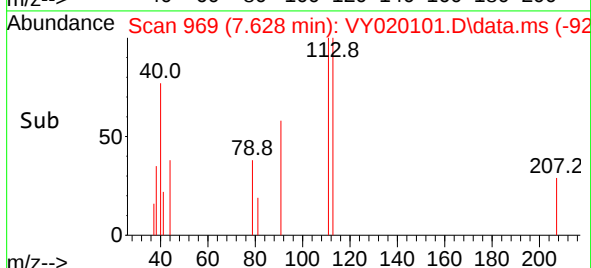
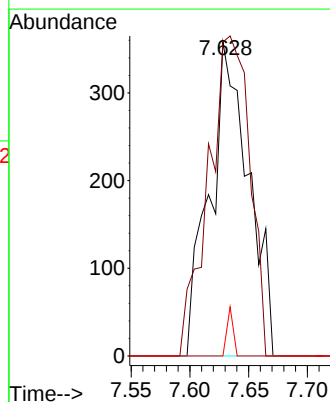
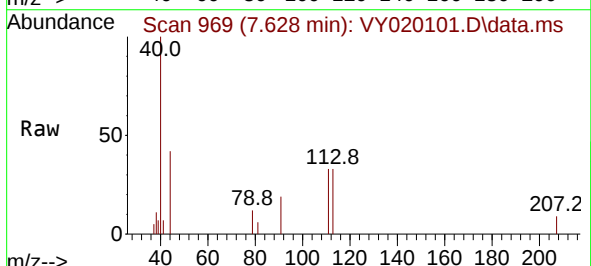
RT: 7.628 min Scan# 969

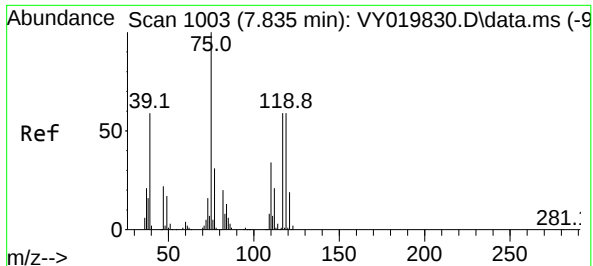
Delta R.T. -0.006 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion:113	Resp:	827
Ion	Ratio	Lower Upper
113	100	
111	108.1	82.2 123.4
192	2.4	15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.164 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.140 min

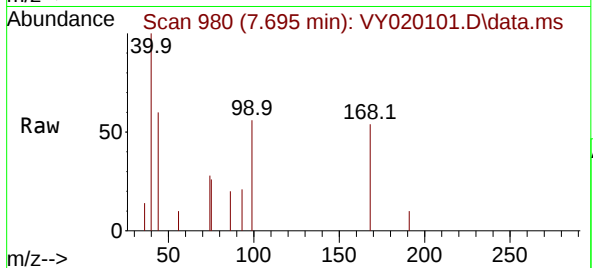
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :



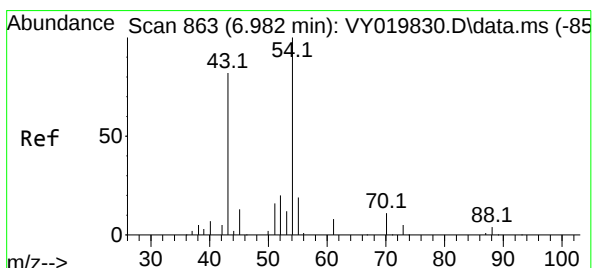
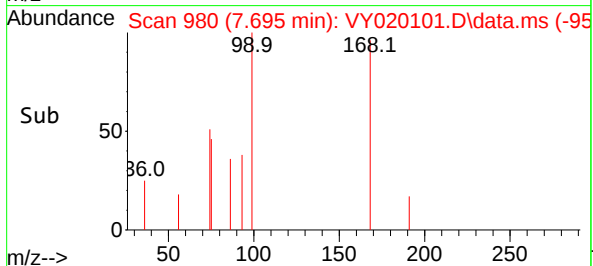
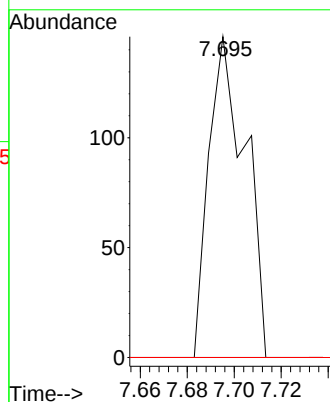
Tgt Ion: 75 Resp: 158

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.946 ug/l

RT: 6.976 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

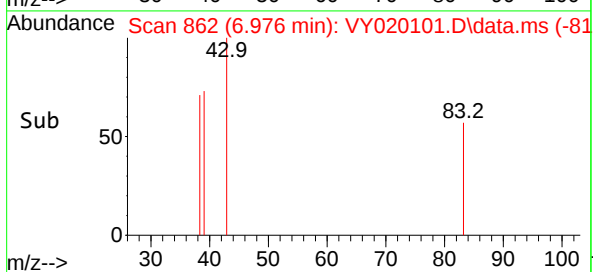
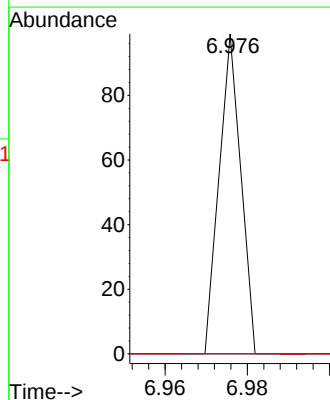
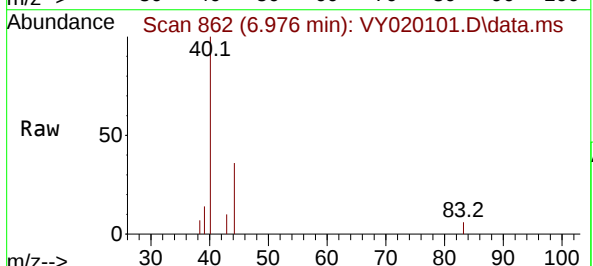
Tgt Ion: 43 Resp: 36

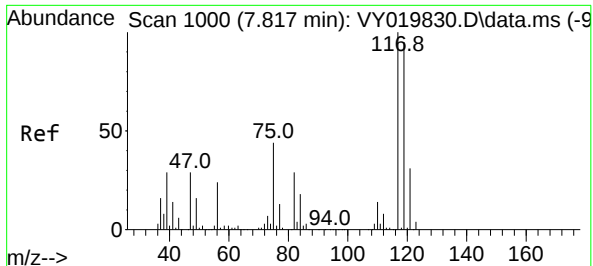
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 5.160 ug/l

RT: 7.720 min Scan# 91

Delta R.T. -0.097 min

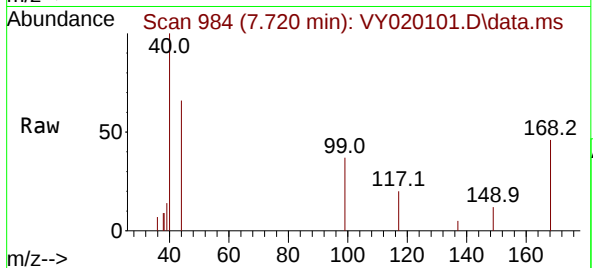
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :



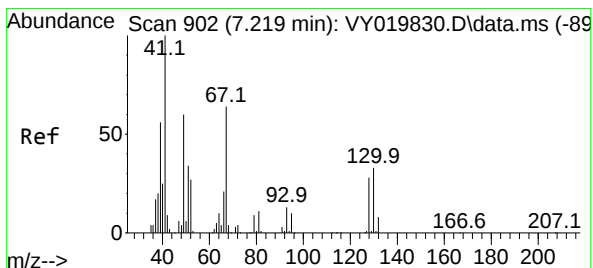
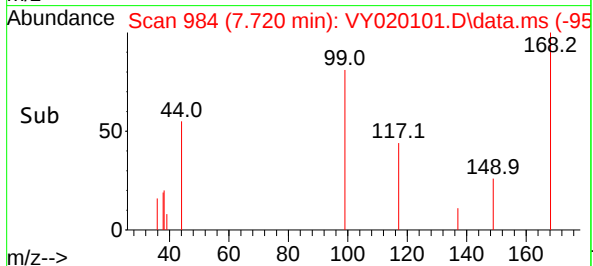
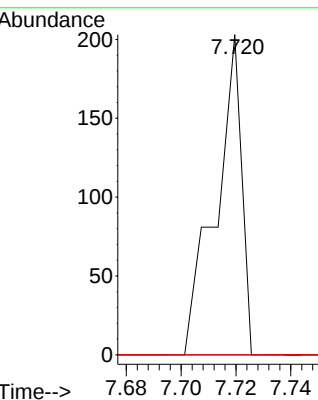
Tgt Ion:117 Resp: 133

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#



#41

Methacrylonitrile

Concen: 3.757 ug/l

RT: 7.195 min Scan# 898

Delta R.T. -0.024 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion: 41 Resp: 23

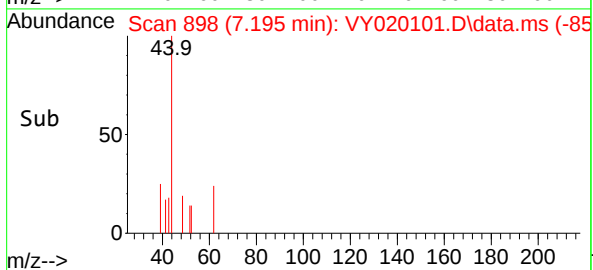
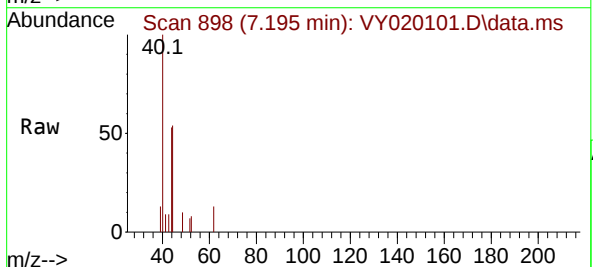
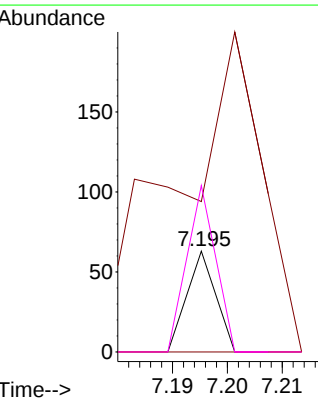
Ion Ratio Lower Upper

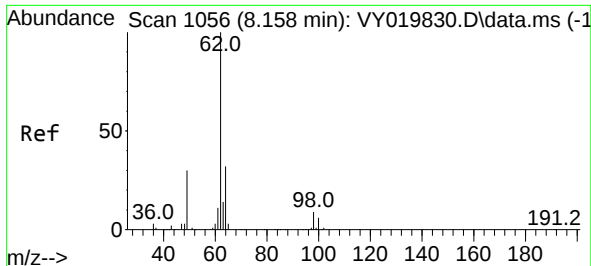
41 100

39 960.9 48.0 72.0#

67 0.0 75.1 112.7#

52 165.2 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 1.111 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.037 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

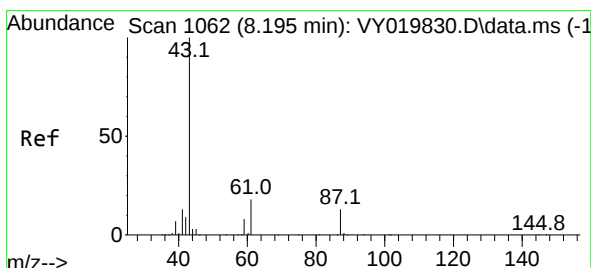
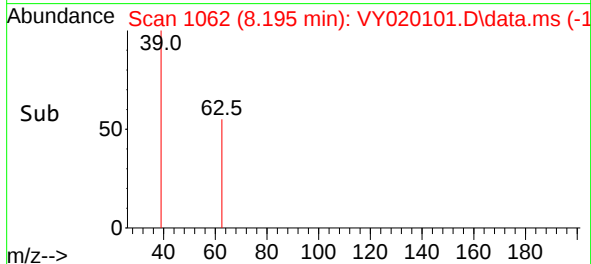
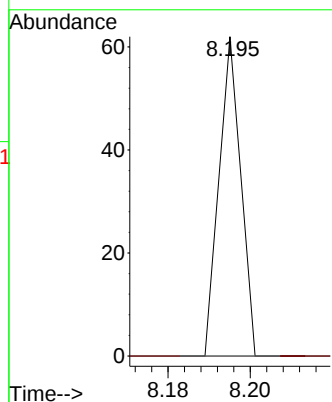
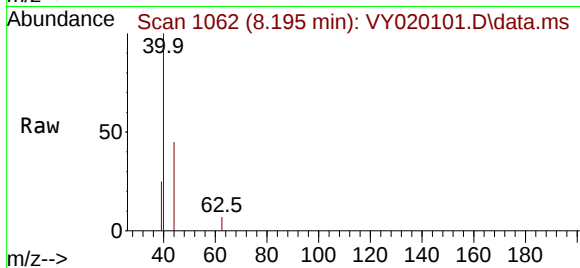
ClientSampleId :

Tgt Ion: 62 Resp: 23

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 2.510 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.036 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

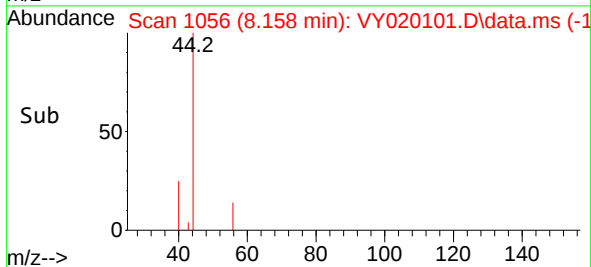
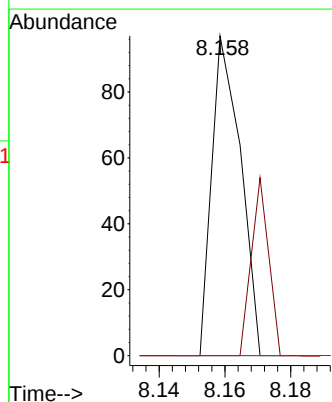
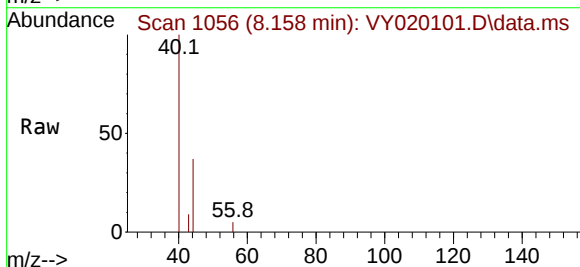
Tgt Ion: 43 Resp: 59

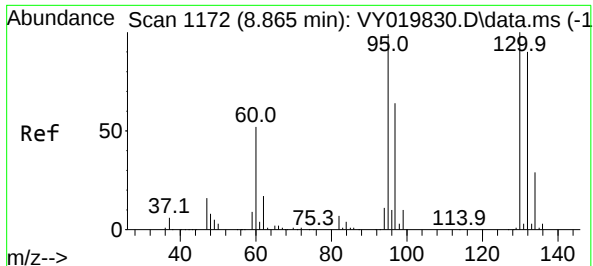
Ion Ratio Lower Upper

43 100

61 33.9 27.9 41.9

87 0.0 13.1 19.7#





#44

Trichloroethene

Concen: 1.845 ug/l

RT: 8.933 min Scan# 1199

Delta R.T. 0.068 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

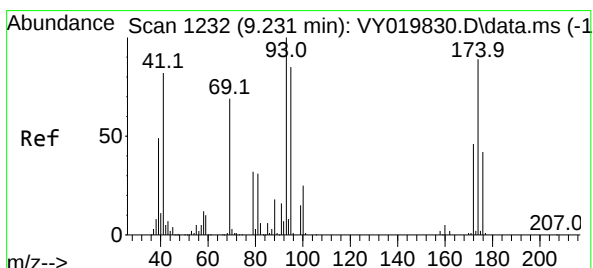
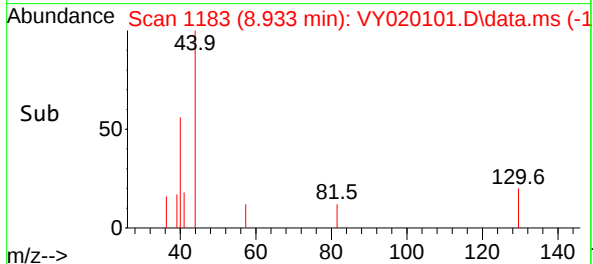
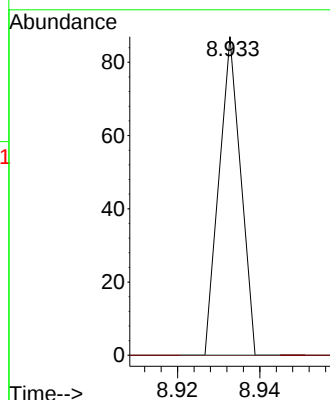
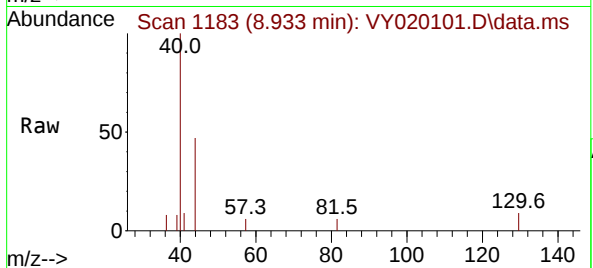
ClientSampleId :

Tgt Ion:130 Resp: 32

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.0



#46

Dibromomethane

Concen: 7.010 ug/l

RT: 9.030 min Scan# 1199

Delta R.T. -0.201 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

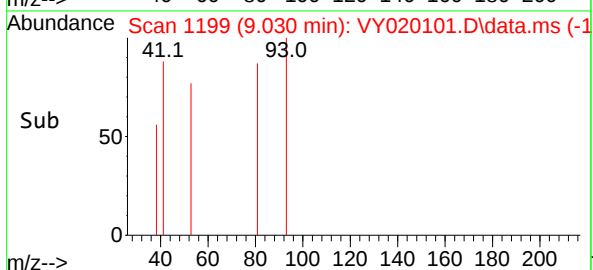
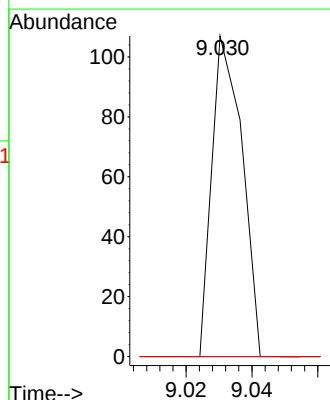
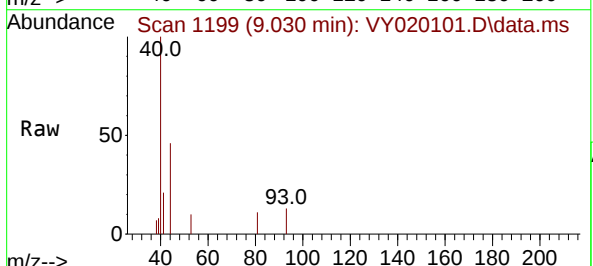
Tgt Ion: 93 Resp: 68

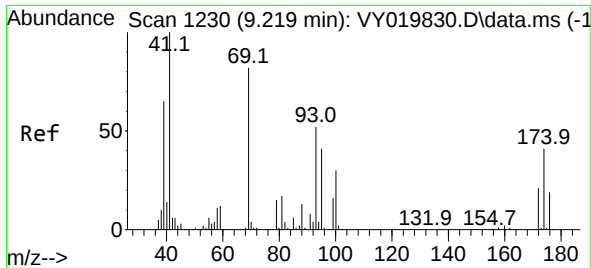
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

174 0.0 80.9 121.3#

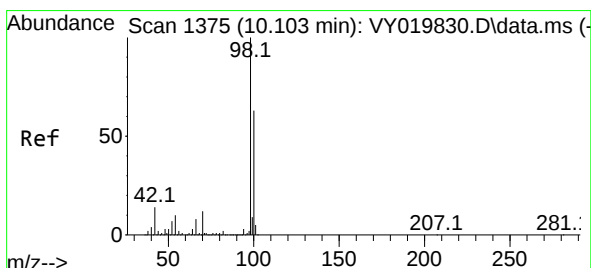
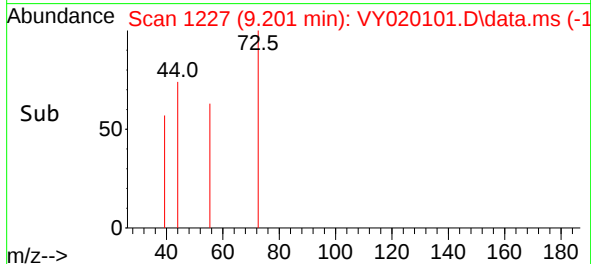
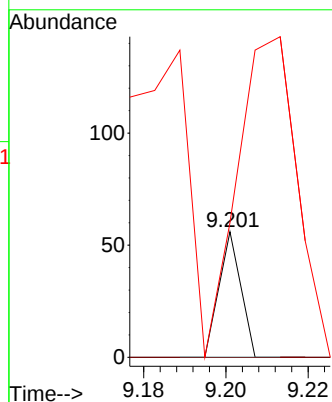
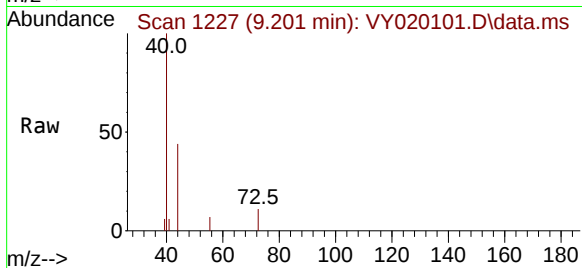




#48
Methyl methacrylate
Concen: 1.837 ug/l
RT: 9.201 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

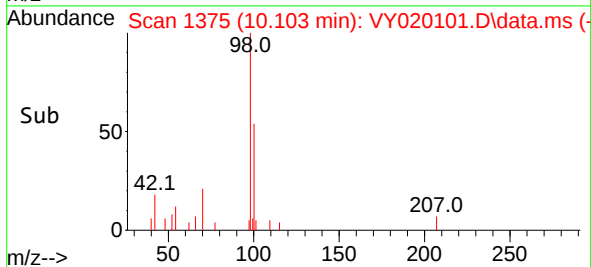
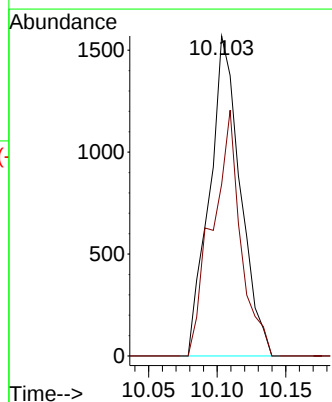
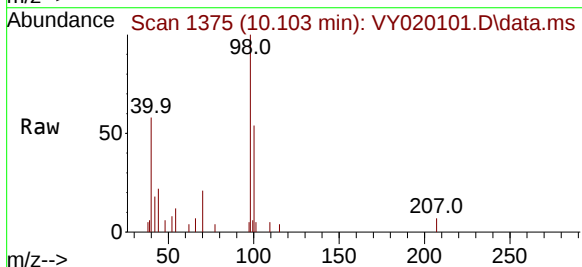
Instrument :
MSVOA_Y
ClientSampleId :

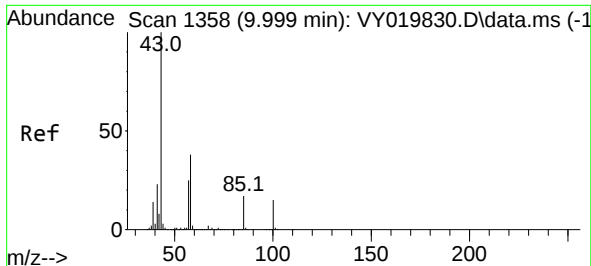
Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 680.0 43.6 65.4#



#50
Toluene-d8
Concen: 37.212 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 98 Resp: 2458
Ion Ratio Lower Upper
98 100
100 71.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 4.459 ug/l

RT: 10.140 min Scan# 11

Delta R.T. 0.141 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

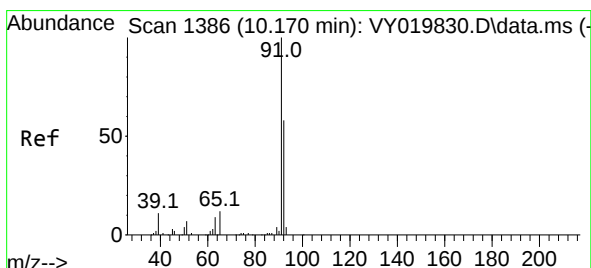
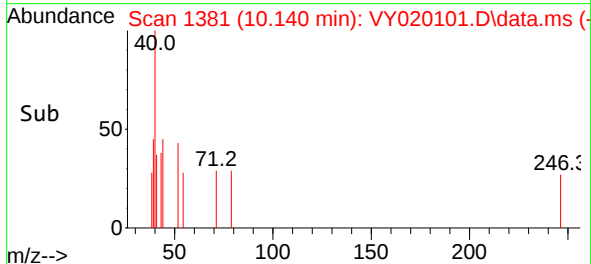
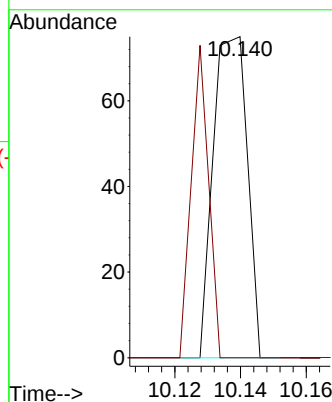
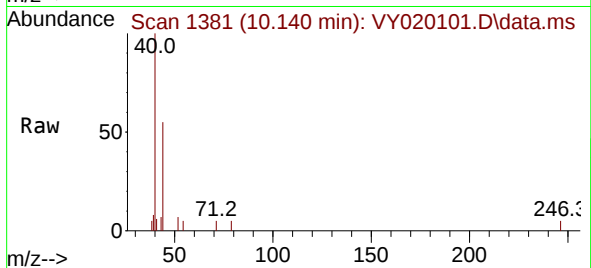
ClientSampleId :

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

58 50.0 35.7 53.5



#52

Toluene

Concen: 1.409 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.007 min

Lab File: VY020101.D

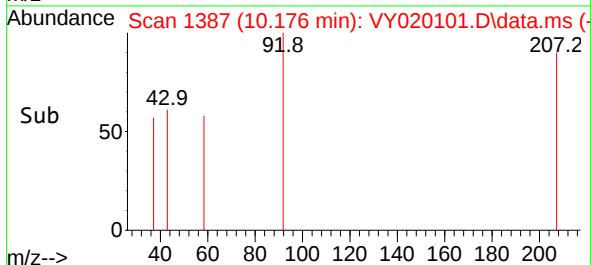
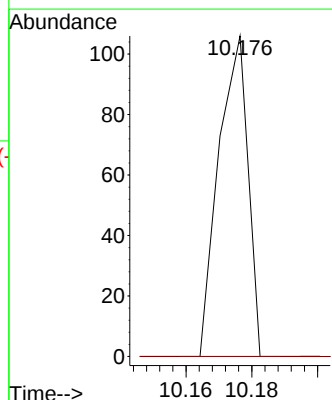
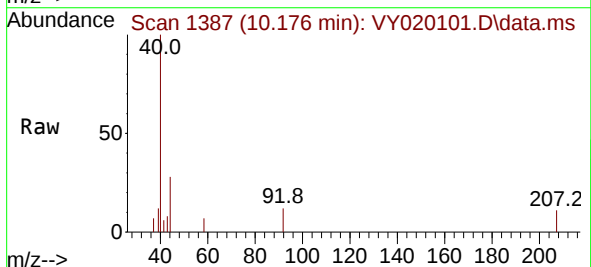
Acq: 31 Oct 2024 17:46

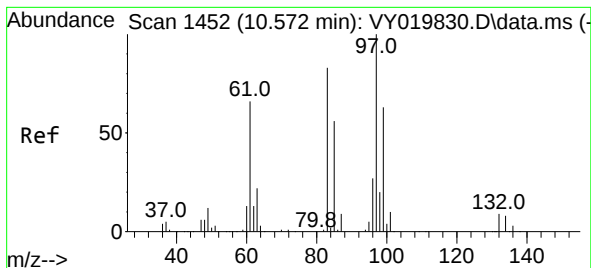
Tgt Ion: 92 Resp: 65

Ion Ratio Lower Upper

92 100

91 0.0 139.0 208.6#





#55

1,1,2-Trichloroethane

Concen: 2.736 ug/l

RT: 10.365 min Scan# 1452

Delta R.T. -0.207 min

Lab File: VY020101.D

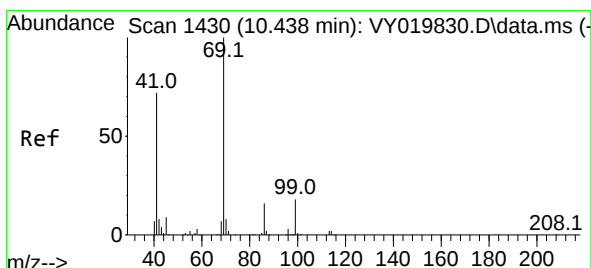
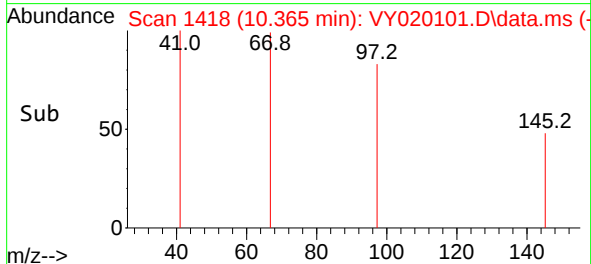
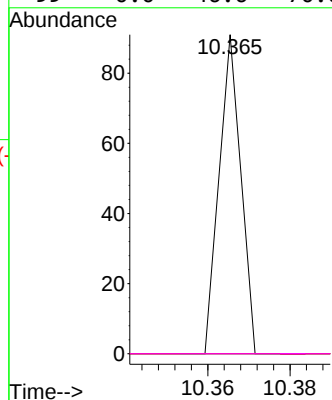
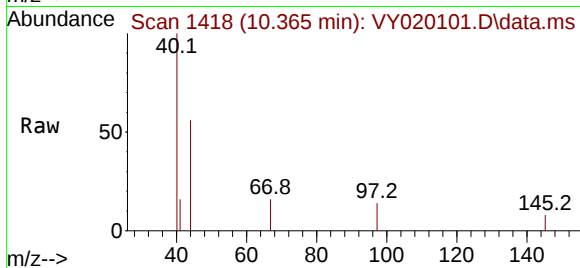
Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97	Resp: 33
Ion Ratio	Lower Upper
97 100	
83 0.0	67.5 101.3#
85 0.0	42.9 64.3#
99 0.0	46.6 70.0#



#56

Ethyl methacrylate

Concen: 2.428 ug/l

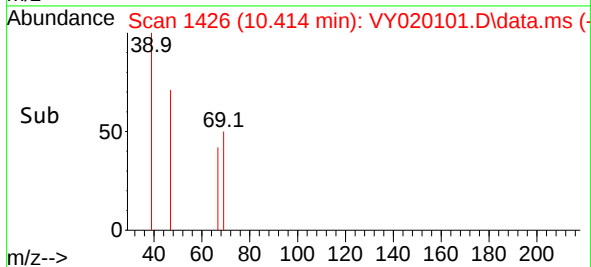
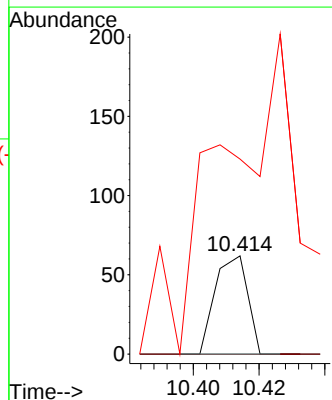
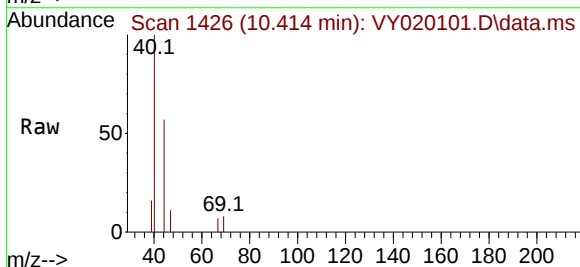
RT: 10.414 min Scan# 1426

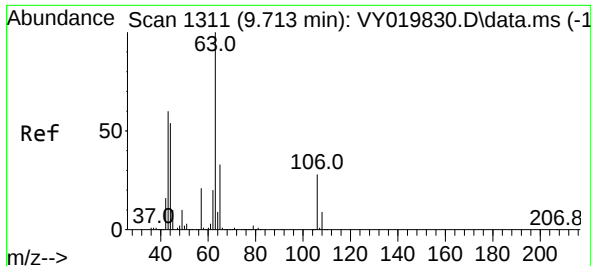
Delta R.T. -0.024 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion: 69	Resp: 42
Ion Ratio	Lower Upper
69 100	
41 0.0	42.3 63.5#
39 781.0	22.9 34.3#

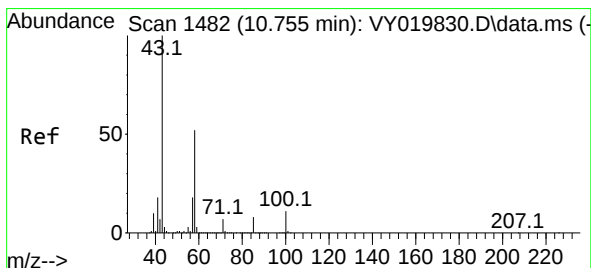
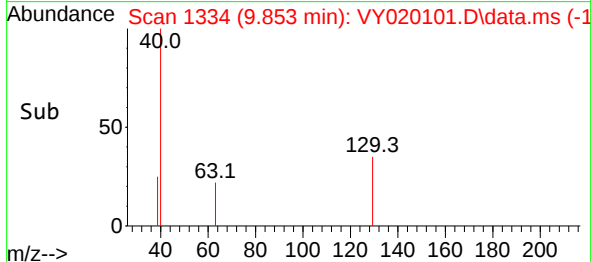
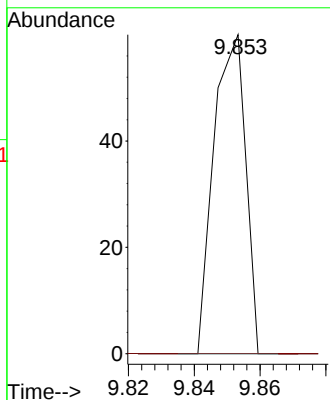
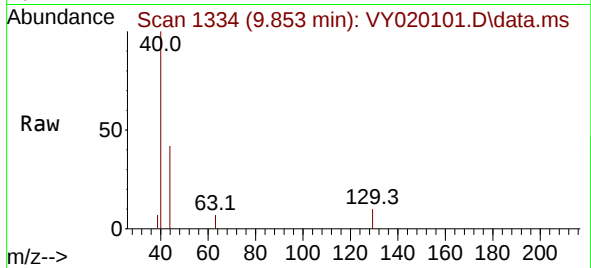




#58
2-Chloroethyl Vinyl ether
Concen: 4.688 ug/l
RT: 9.853 min Scan# 11
Delta R.T. 0.141 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

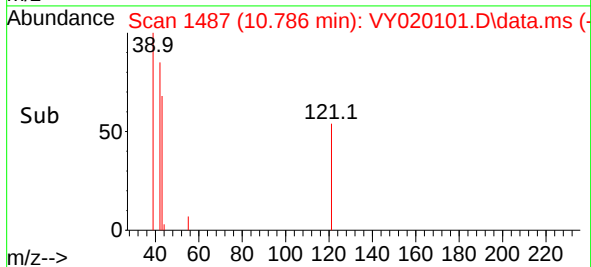
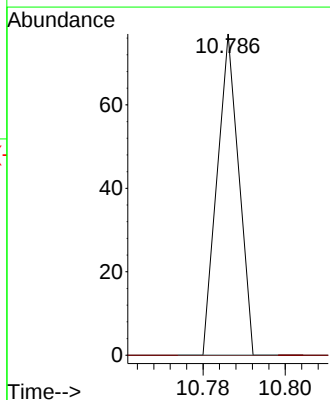
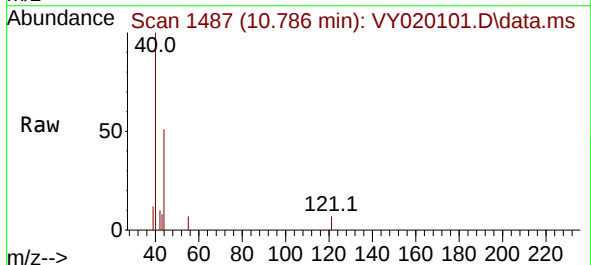
Instrument :
MSVOA_Y
ClientSampleId :

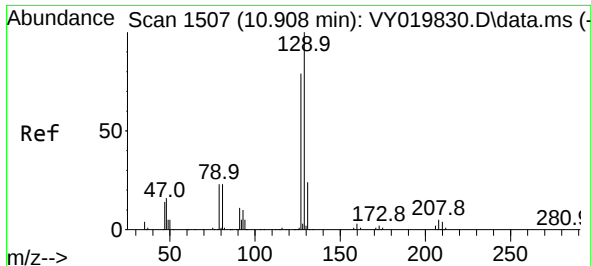
Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 3.225 ug/l
RT: 10.786 min Scan# 1487
Delta R.T. 0.025 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

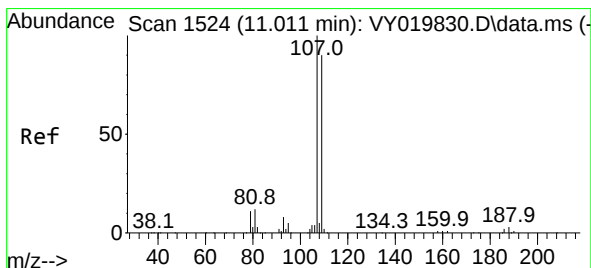
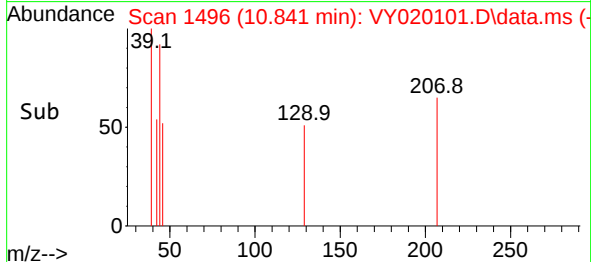
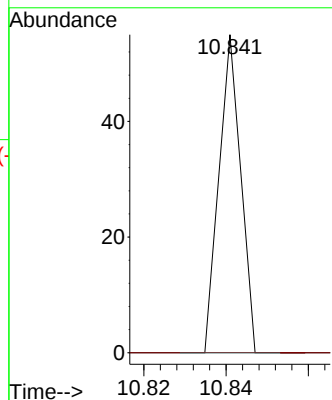
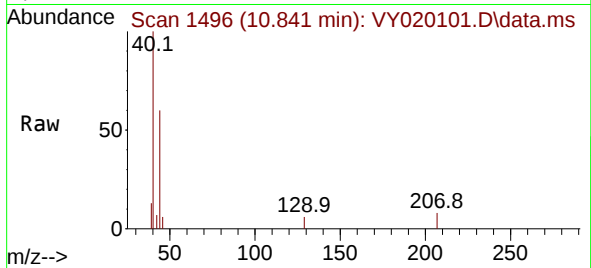




#60
Dibromochloromethane
Concen: 1.301 ug/l
RT: 10.841 min Scan# 1496
Delta R.T. -0.073 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

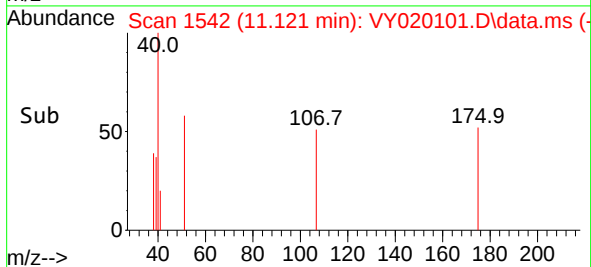
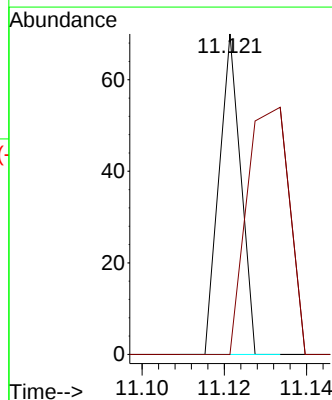
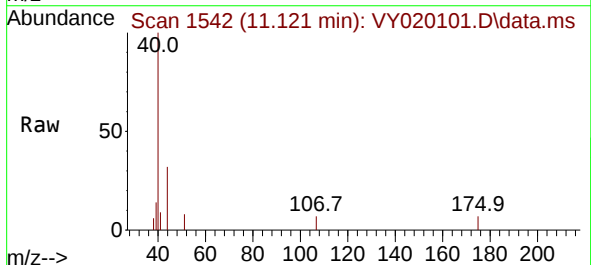
Instrument :
MSVOA_Y
ClientSampleId :

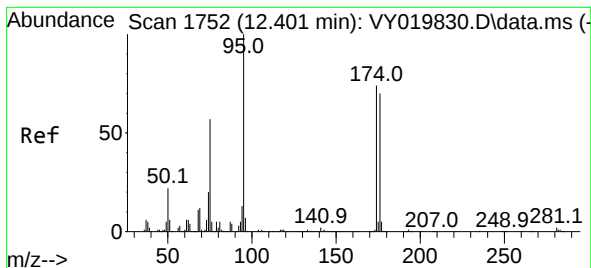
Tgt Ion:129 Resp: 20
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 2.320 ug/l
RT: 11.121 min Scan# 1542
Delta R.T. 0.104 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion:107 Resp: 26
Ion Ratio Lower Upper
107 100
109 146.2 75.9 113.9#

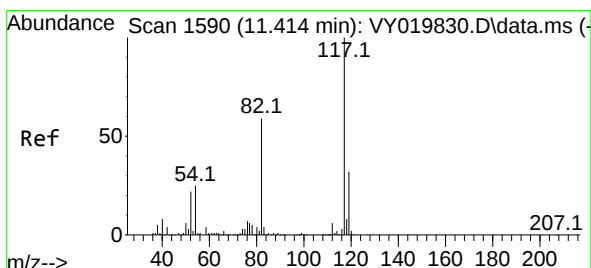
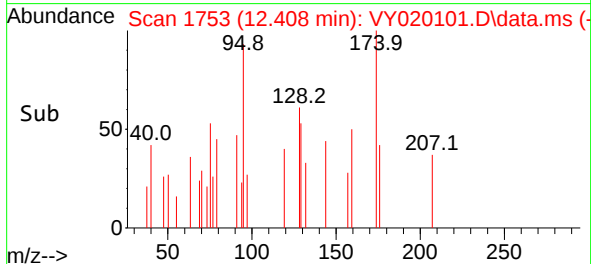
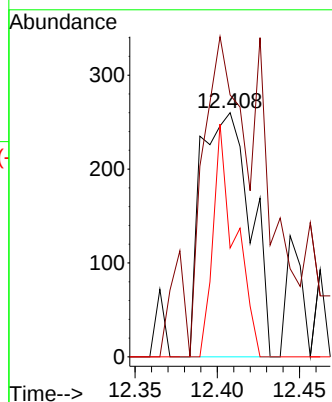
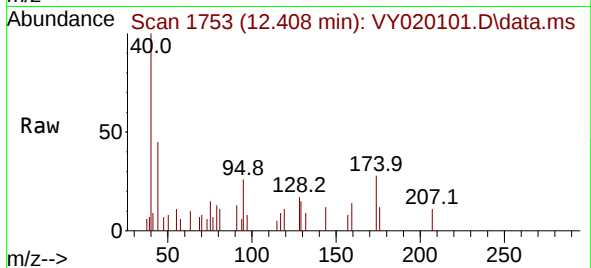




#62
4-Bromofluorobenzene
Concen: 25.262 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

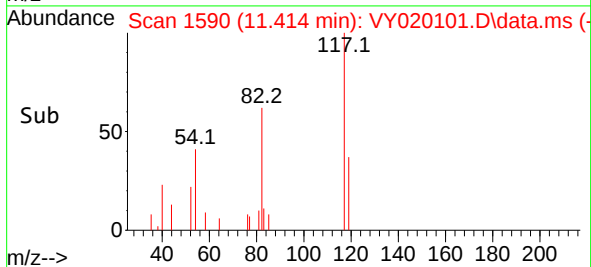
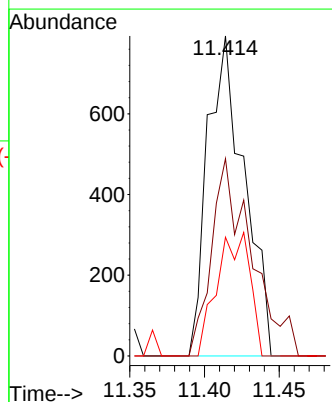
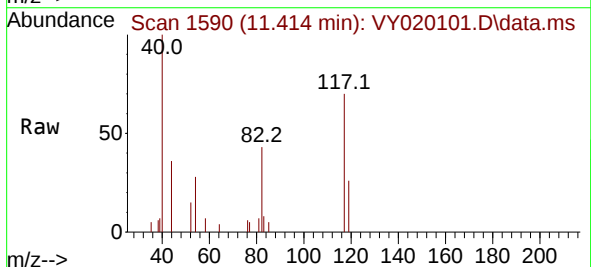
Instrument :
MSVOA_Y
ClientSampleId :

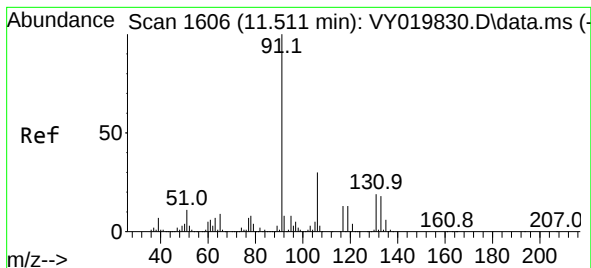
Tgt Ion: 95 Resp: 542
Ion Ratio Lower Upper
95 100
174 168.5 0.0 175.6
176 42.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 117 Resp: 1346
Ion Ratio Lower Upper
117 100
82 61.7 42.4 63.6
119 37.1 25.9 38.9

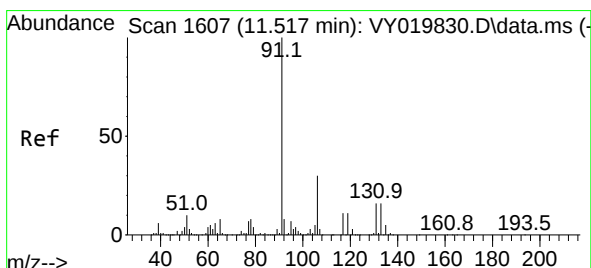
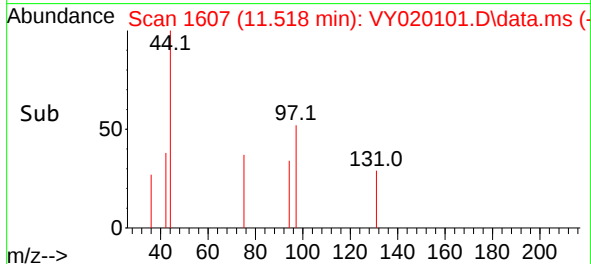
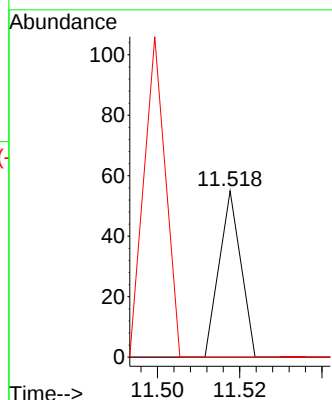
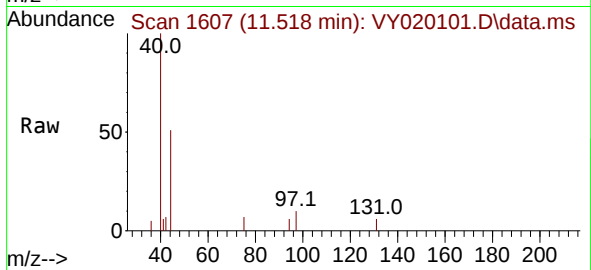




#66
1,1,1,2-Tetrachloroethane
Concen: 2.183 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

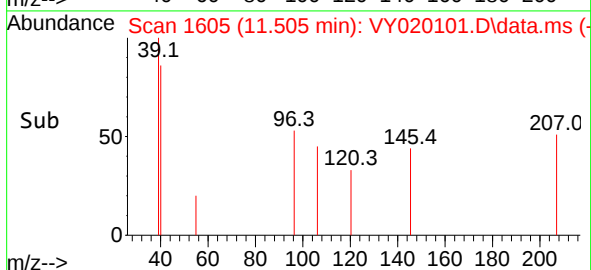
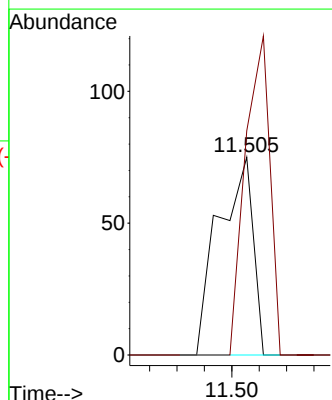
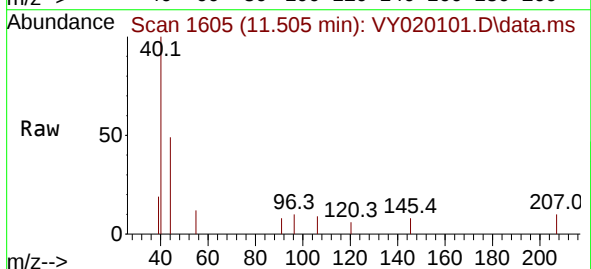
Instrument :
MSVOA_Y
ClientSampleId :

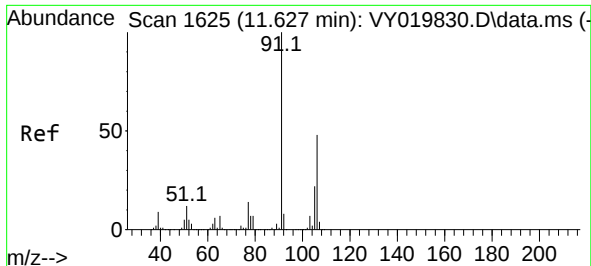
Tgt Ion:131 Resp: 20
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 195.0 34.1 102.2#



#67
Ethyl Benzene
Concen: 1.212 ug/l
RT: 11.505 min Scan# 1605
Delta R.T. -0.018 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

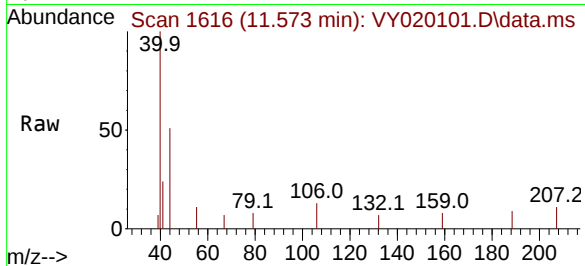
Tgt Ion: 91 Resp: 65
Ion Ratio Lower Upper
91 100
106 113.3 24.5 36.7#



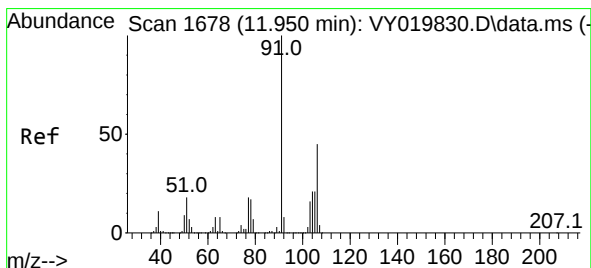
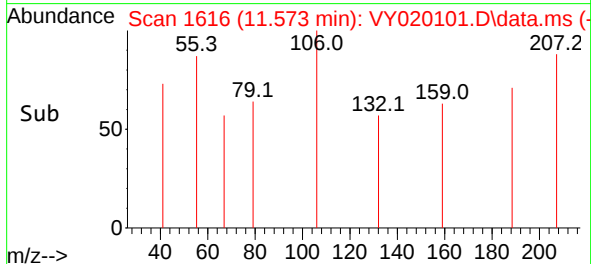
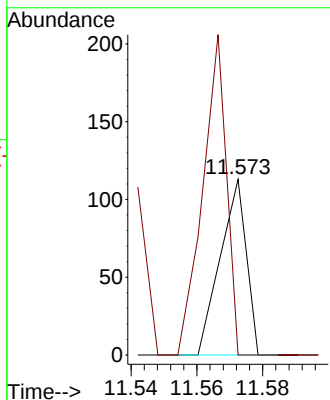


#68
m/p-Xylenes
Concen: 3.161 ug/l
RT: 11.573 min Scan# 1616
Delta R.T. -0.060 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

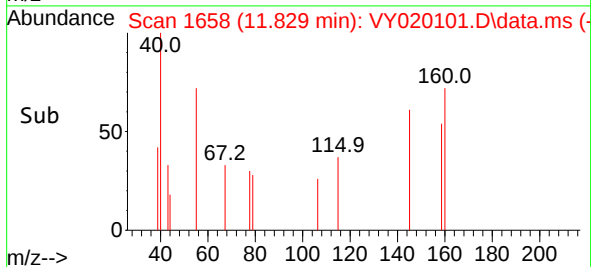
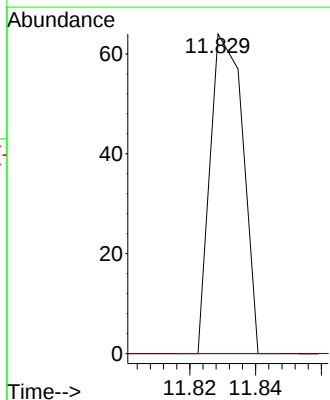
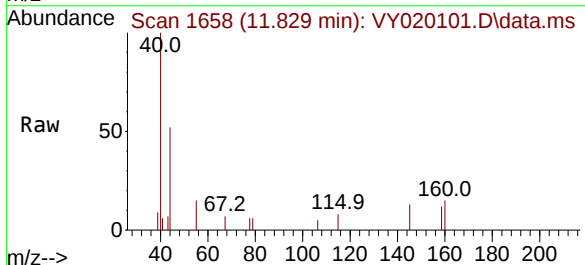


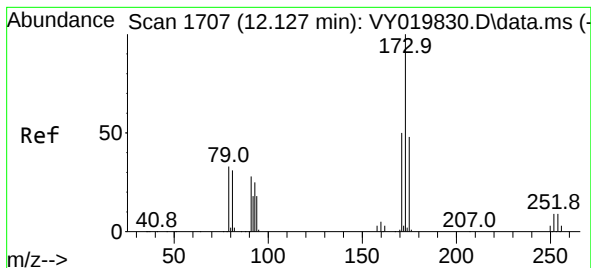
Tgt Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 166.1 156.0 234.0



#69
o-Xylene
Concen: 2.369 ug/l
RT: 11.829 min Scan# 1658
Delta R.T. -0.128 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion:106 Resp: 44
Ion Ratio Lower Upper
106 100
91 0.0 103.6 310.8#





#71

Bromoform

Concen: 4.255 ug/l

RT: 11.938 min Scan# 1

Delta R.T. -0.195 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

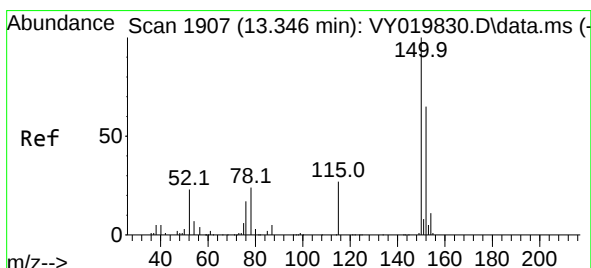
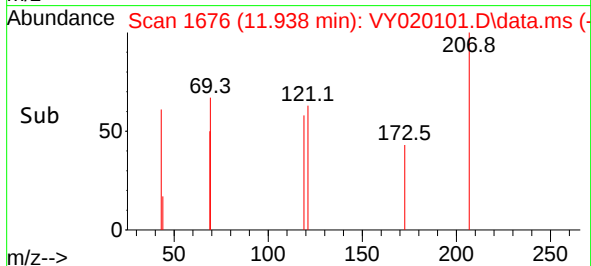
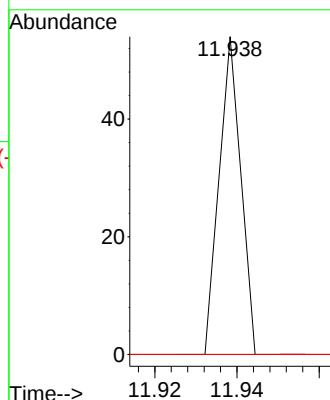
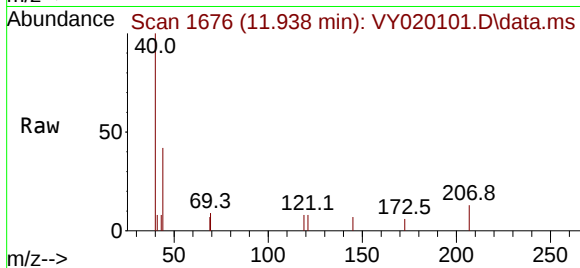
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 20

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.1	75.3#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

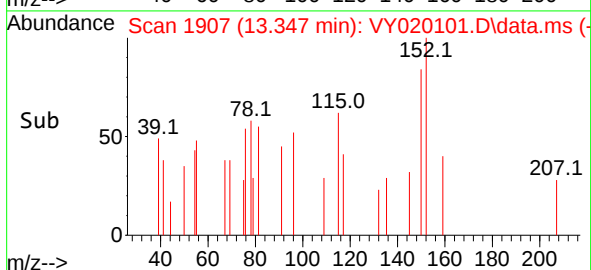
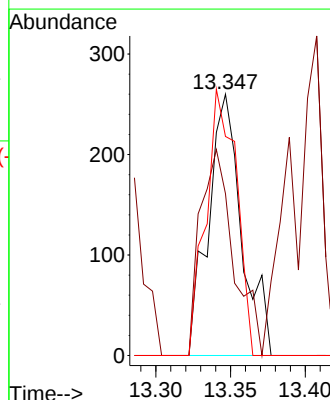
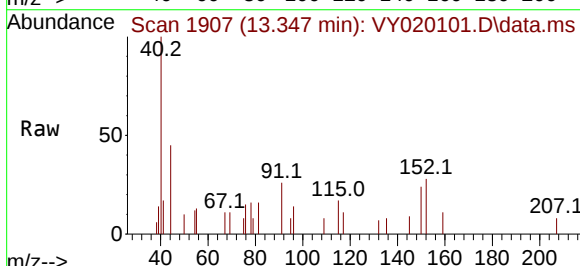
Delta R.T. 0.000 min

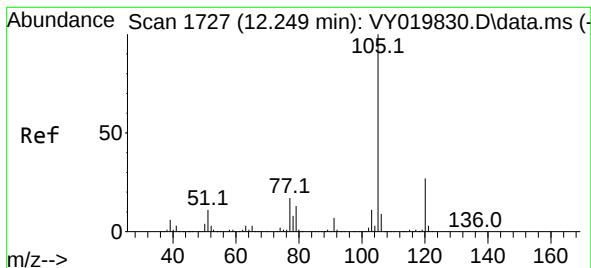
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion:152 Resp: 403

Ion	Ratio	Lower	Upper
152	100		
115	78.9	28.2	84.7
150	93.3	0.0	345.6





#73

Isopropylbenzene

Concen: 4.504 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

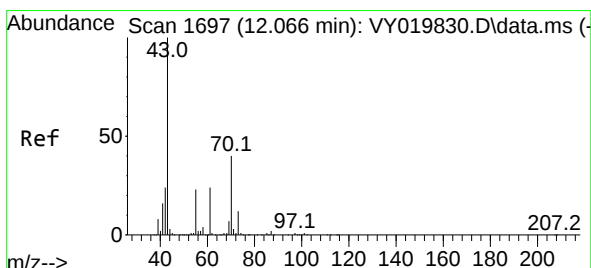
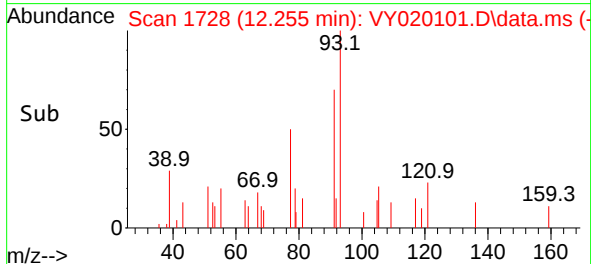
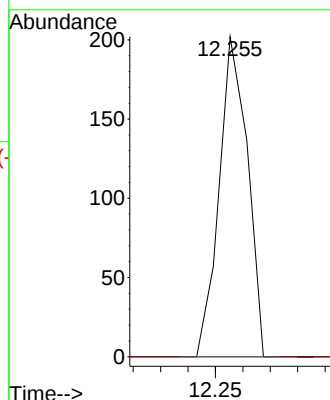
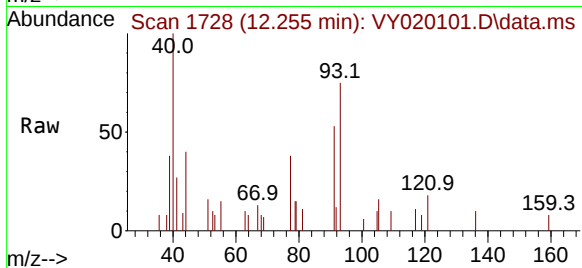
ClientSampleId :

Tgt Ion:105 Resp: 145

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#



#74

N-amy1 acetate

Concen: 13.545 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion: 43 Resp: 109

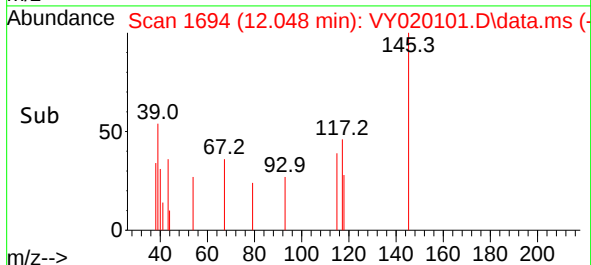
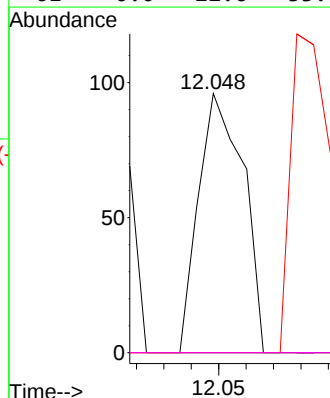
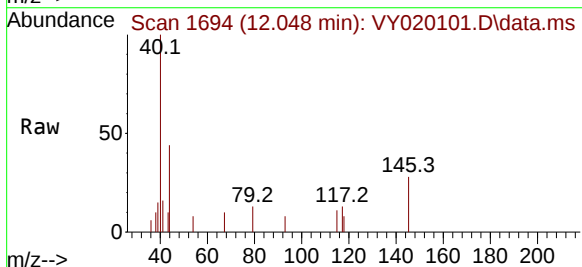
Ion Ratio Lower Upper

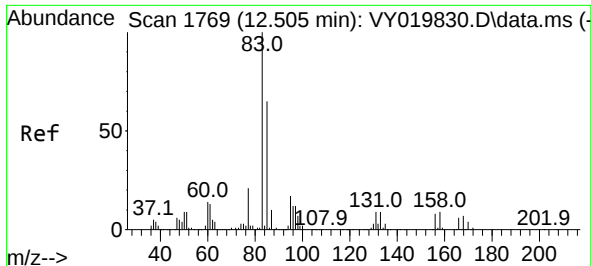
43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#

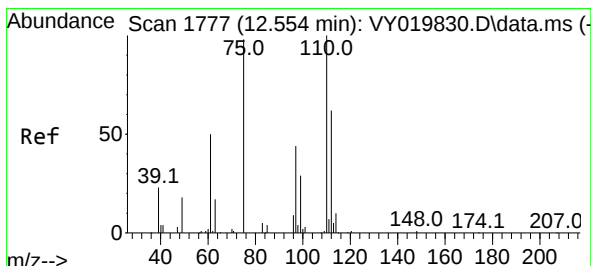
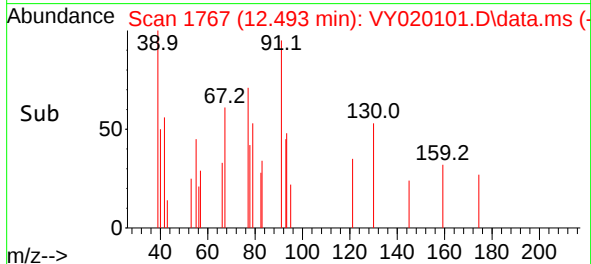
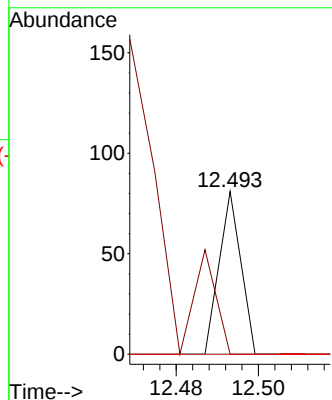
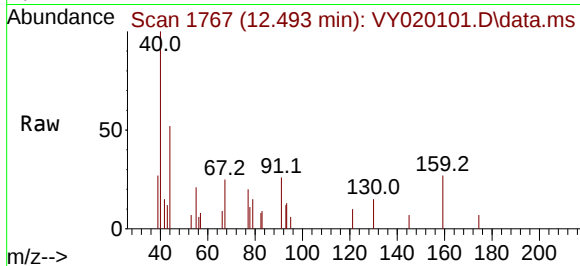




#75
1,1,2,2-Tetrachloroethane
Concen: 5.328 ug/l
RT: 12.493 min Scan# 1767
Delta R.T. -0.018 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

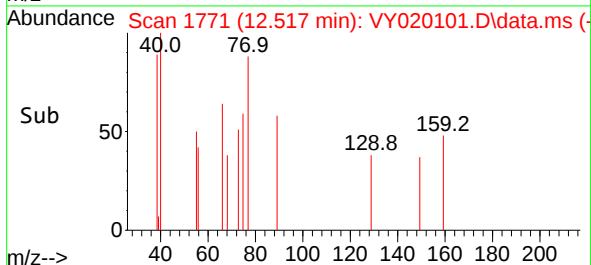
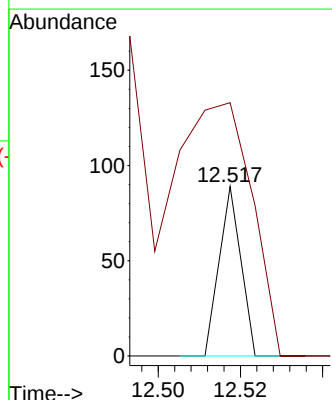
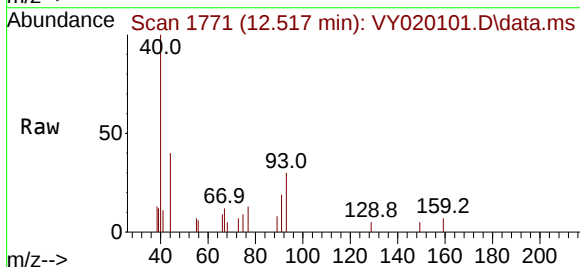
Instrument :
MSVOA_Y
ClientSampleId :

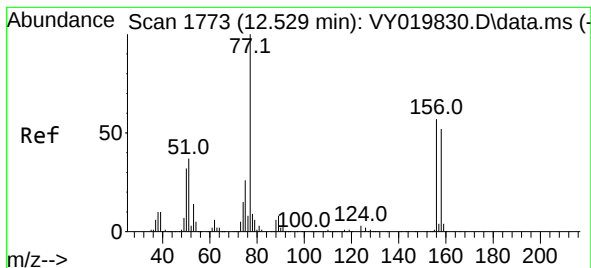
Tgt Ion: 83 Resp: 30
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 8.735 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. -0.042 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 75 Resp: 33
Ion Ratio Lower Upper
75 100
77 497.0 0.0 0.0#





#77

Bromobenzene

Concen: 6.912 ug/l

RT: 12.585 min Scan# 1773

Delta R.T. 0.049 min

Lab File: VY020101.D

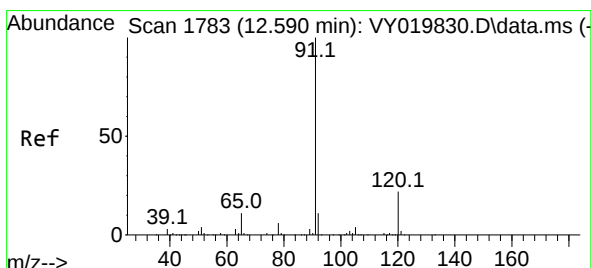
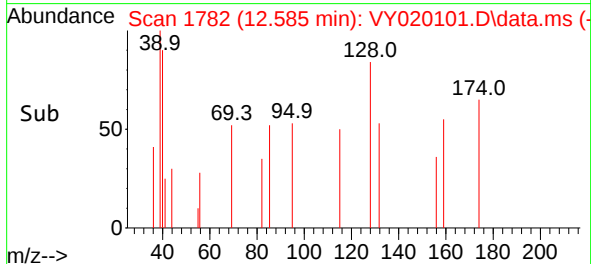
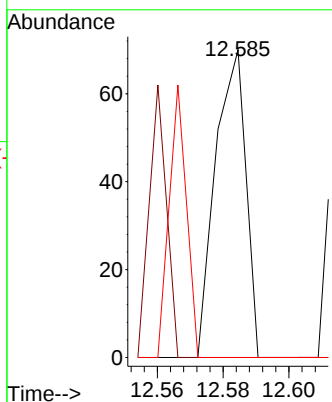
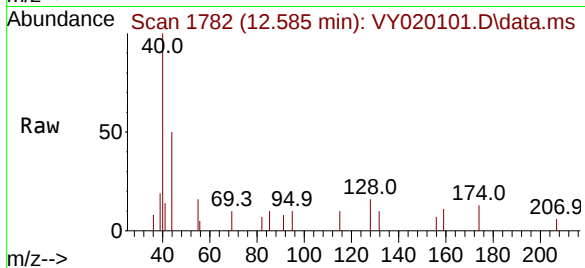
Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 45
 Ion Ratio Lower Upper
 156 100
 77 0.0 87.1 261.3#
 158 0.0 48.6 145.9#



#78

n-propylbenzene

Concen: 2.720 ug/l

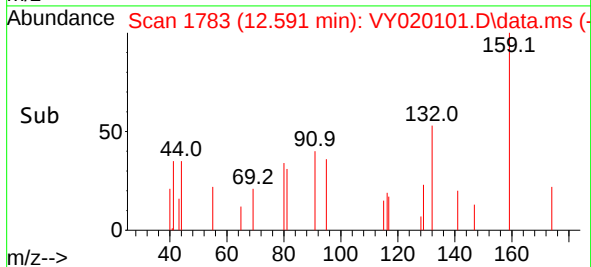
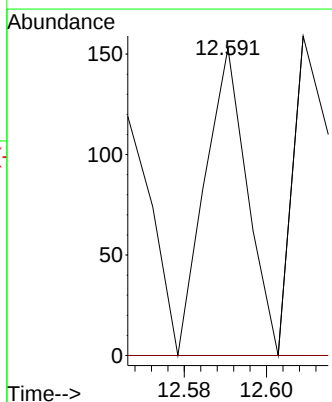
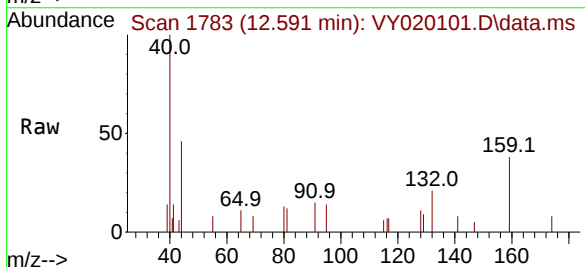
RT: 12.591 min Scan# 1783

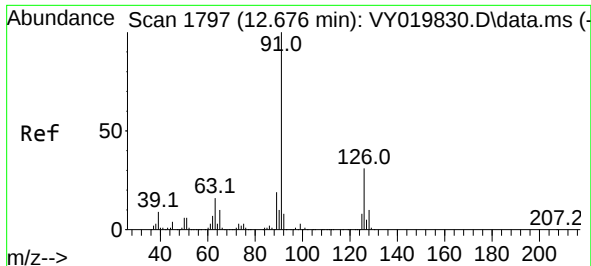
Delta R.T. -0.006 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion: 91 Resp: 109
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.5 34.4#

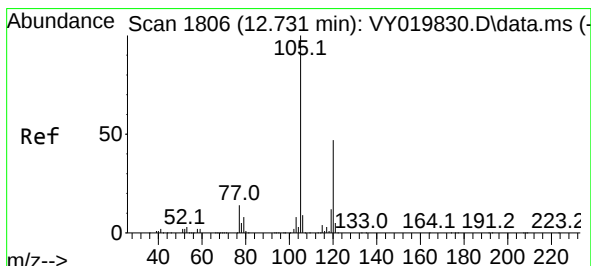
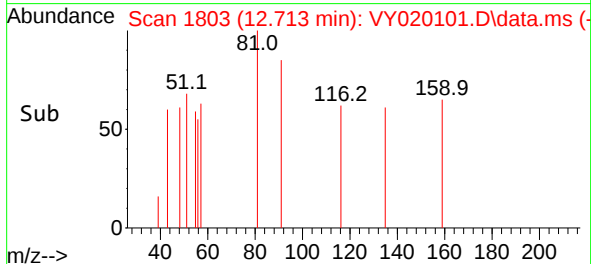
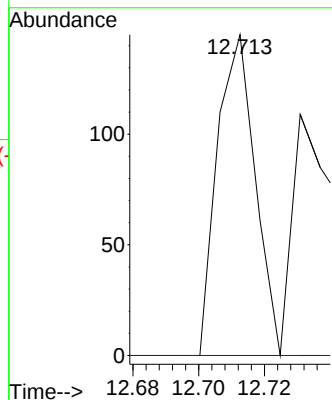
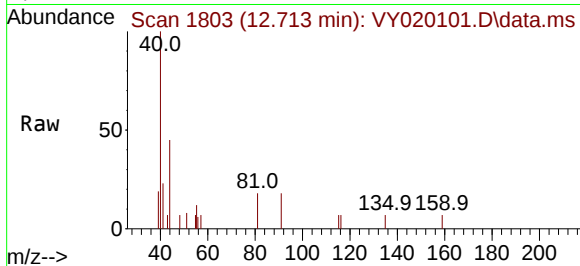




#79
2-Chlorotoluene
Concen: 5.216 ug/l
RT: 12.713 min Scan# 116
Delta R.T. 0.031 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

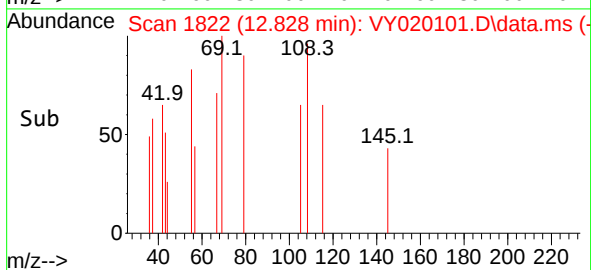
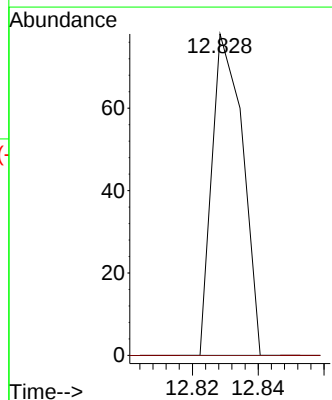
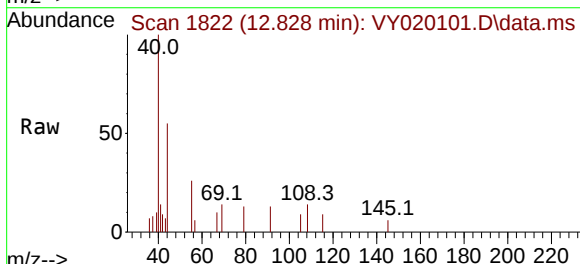
Instrument :
MSVOA_Y
ClientSampleId :

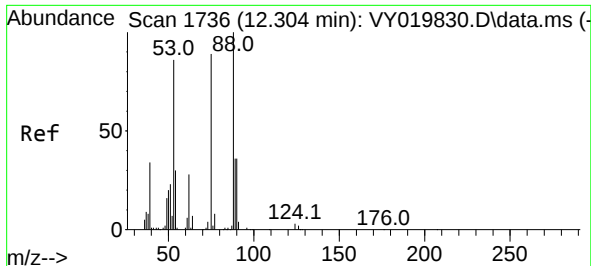
Tgt Ion: 91 Resp: 116
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 1.935 ug/l
RT: 12.828 min Scan# 1822
Delta R.T. 0.092 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 105 Resp: 50
Ion Ratio Lower Upper
105 100
120 0.0 25.1 75.2#

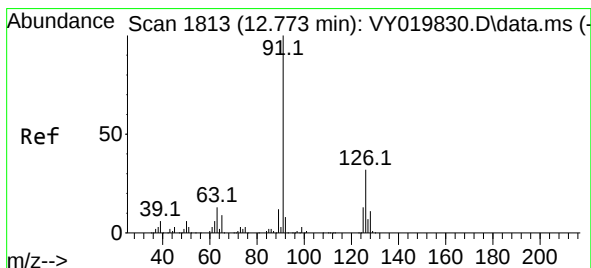
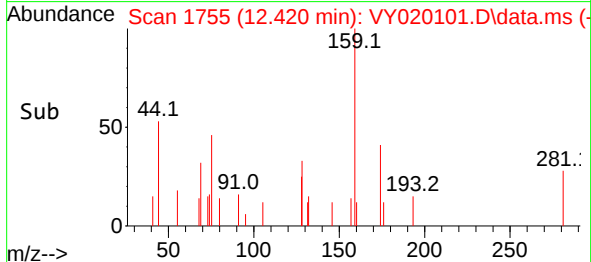
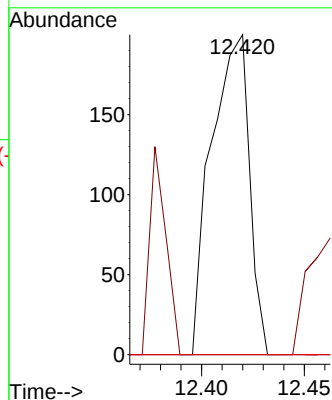
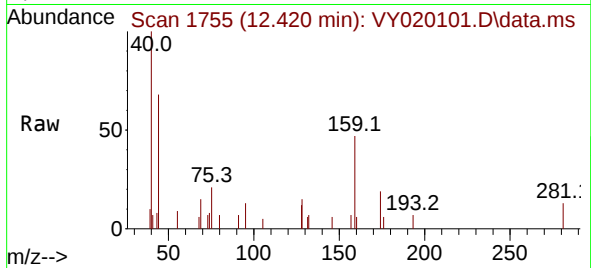




#81
trans-1,4-Dichloro-2-butene
Concen: 146.332 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.116 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

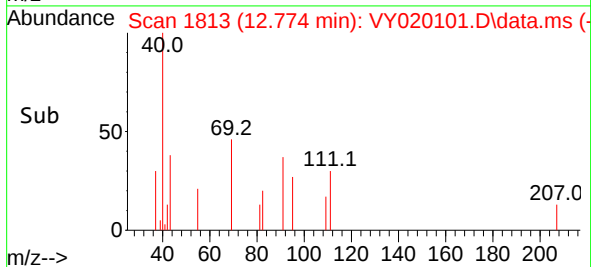
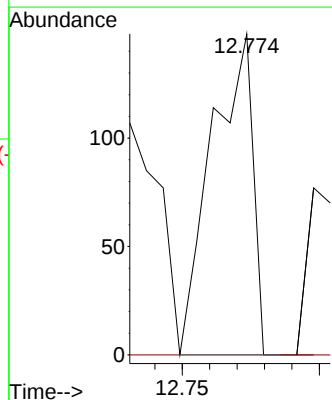
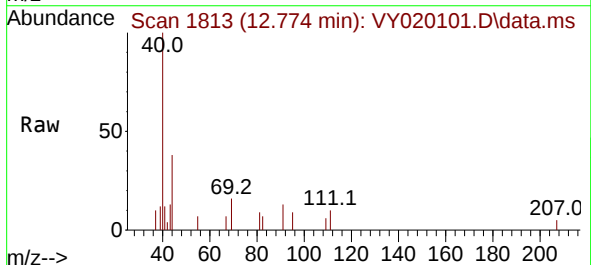
Instrument :
MSVOA_Y
ClientSampleId :

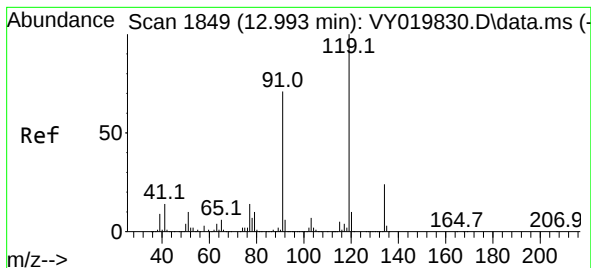
Tgt Ion: 75 Resp: 257
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 6.791 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 91 Resp: 154
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#83

tert-Butylbenzene

Concen: 5.354 ug/l

RT: 12.950 min Scan# 119

Delta R.T. -0.048 min

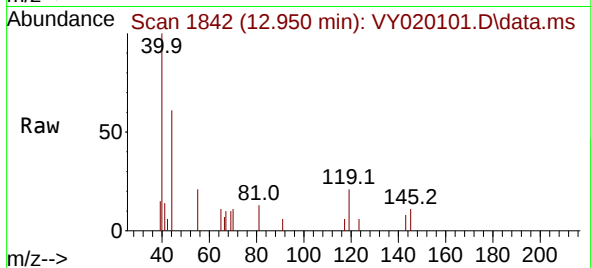
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :



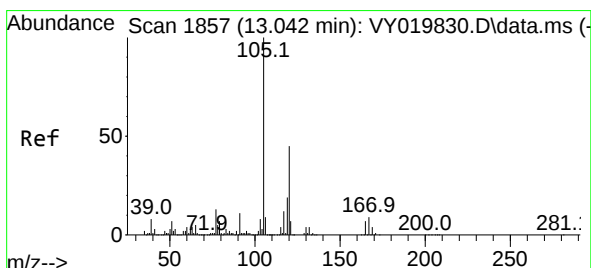
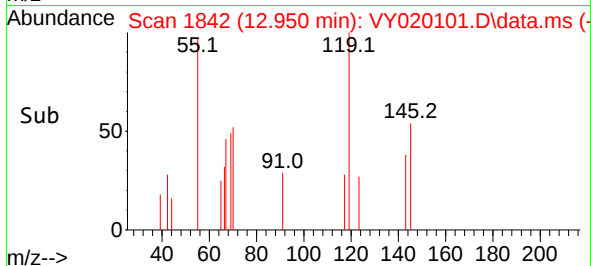
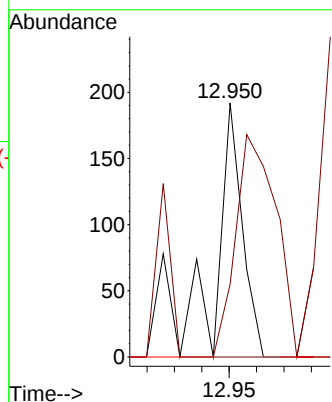
Tgt Ion:119 Resp: 121

Ion Ratio Lower Upper

119 100

91 142.1 31.3 93.8#

134 0.0 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 2.305 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. -0.036 min

Lab File: VY020101.D

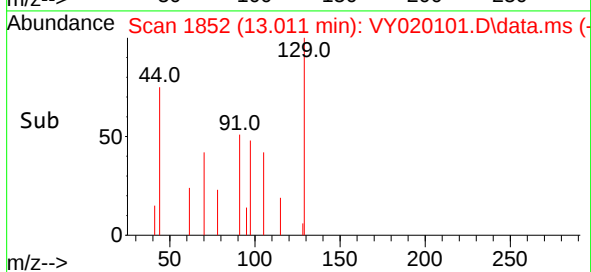
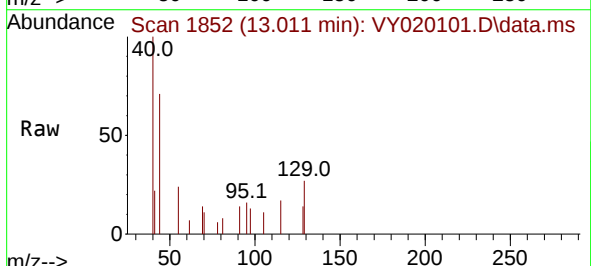
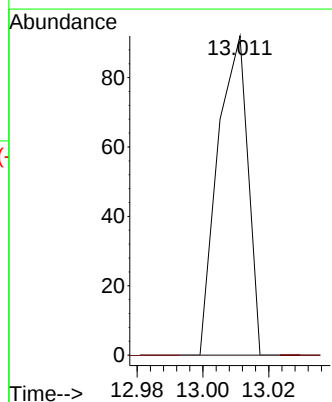
Acq: 31 Oct 2024 17:46

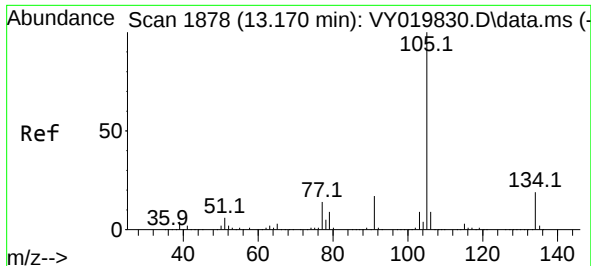
Tgt Ion:105 Resp: 59

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#

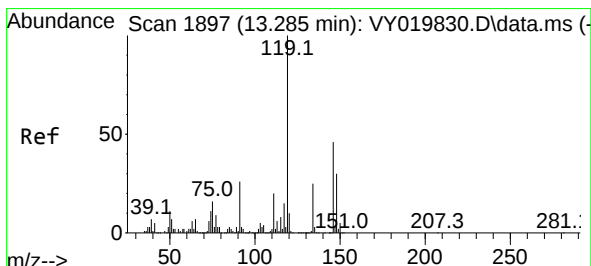
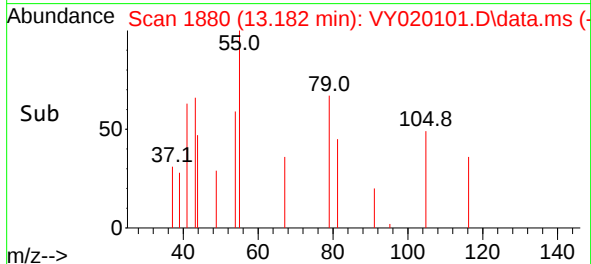
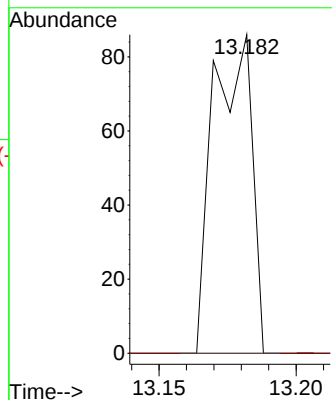
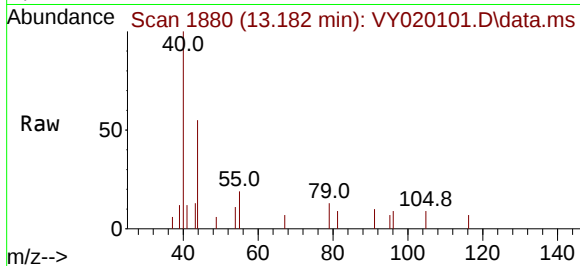




#85
 sec-Butylbenzene
 Concen: 2.421 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.007 min
 Lab File: VY020101.D
 Acq: 31 Oct 2024 17:46

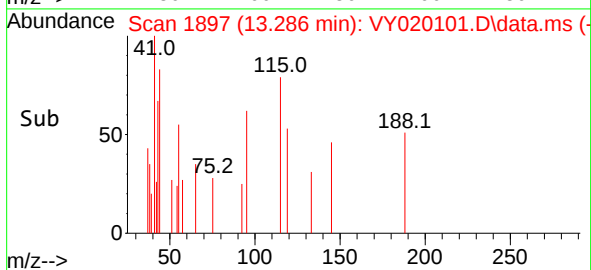
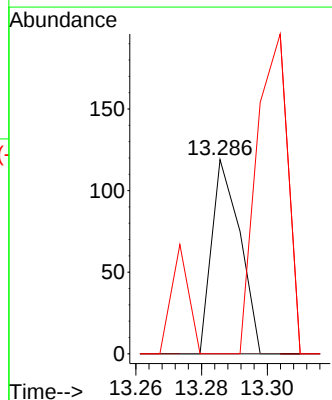
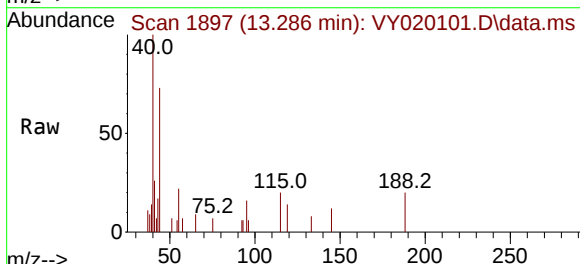
Instrument :
 MSVOA_Y
 ClientSampleId :

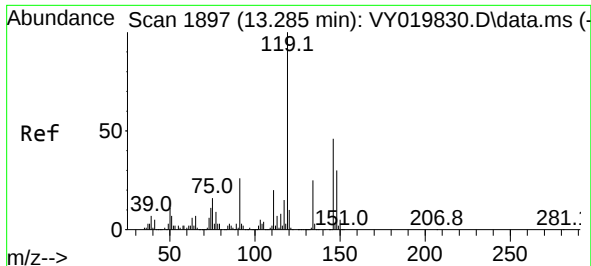
Tgt Ion:105 Resp: 84
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 2.550 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY020101.D
 Acq: 31 Oct 2024 17:46

Tgt Ion:119 Resp: 71
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.1 39.3#
 91 33.8 10.7 32.1#





#87

1,3-Dichlorobenzene

Concen: 3.402 ug/l

RT: 13.249 min Scan# 1891

Delta R.T. -0.042 min

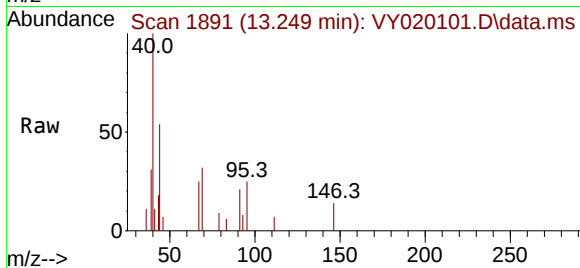
Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

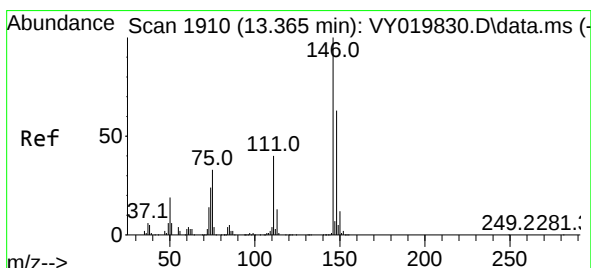
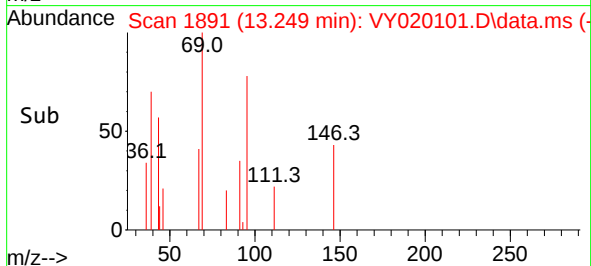
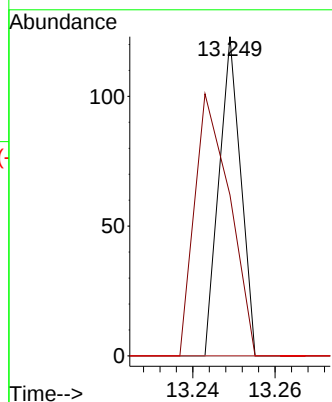
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	146	Resp:	45
Ion	Ratio	Lower	Upper
146	100		
111	133.3	19.0	57.0#
148	0.0	31.7	95.1#



#88

1,4-Dichlorobenzene

Concen: 2.050 ug/l

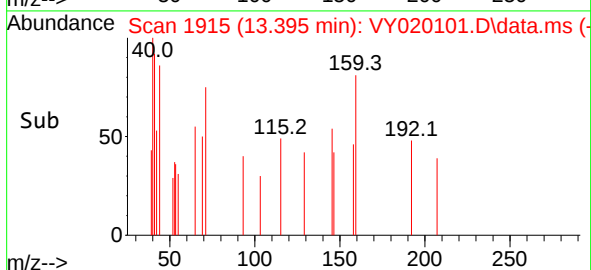
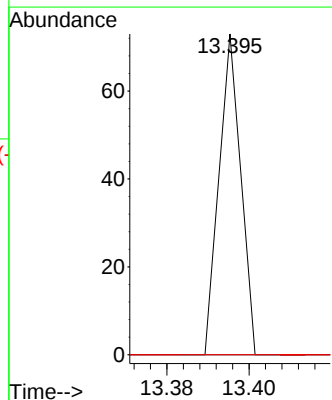
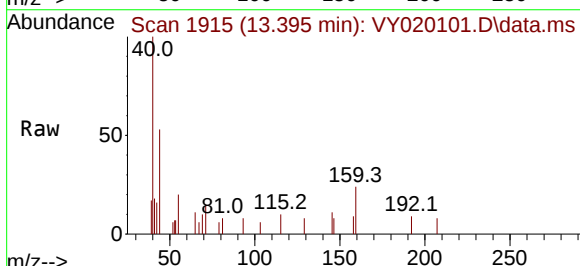
RT: 13.395 min Scan# 1915

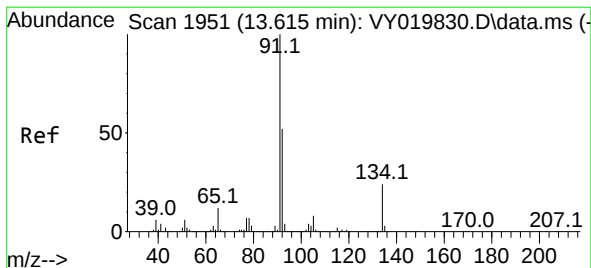
Delta R.T. 0.025 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion:	146	Resp:	27
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.4	55.4#
148	0.0	32.4	97.2#

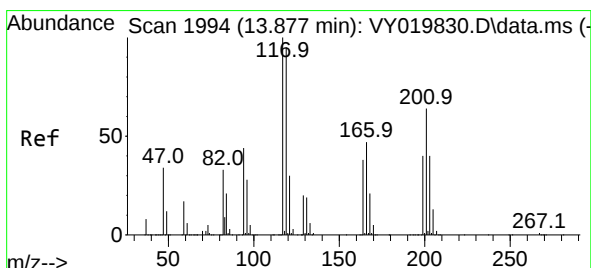
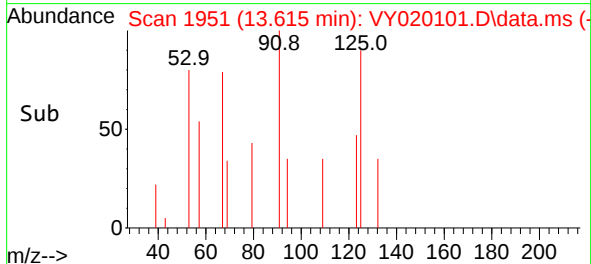
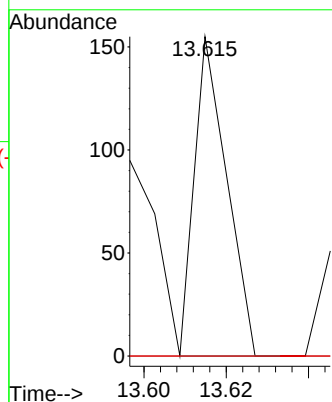
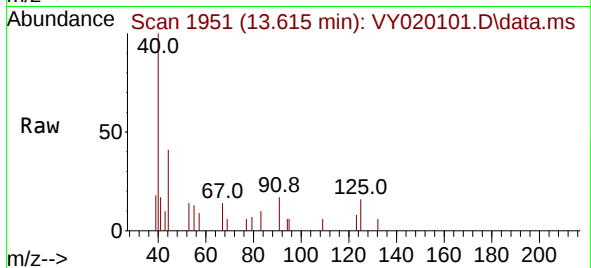




#89
n-Butylbenzene
Concen: 3.045 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

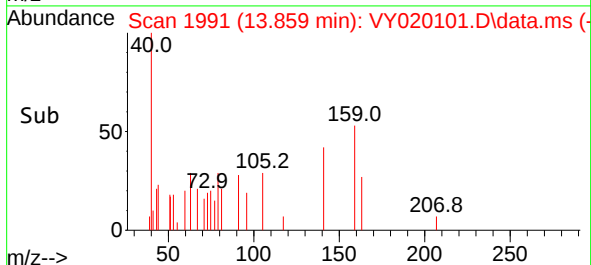
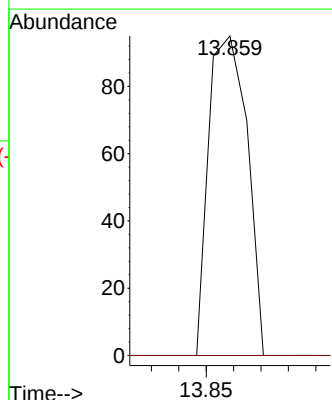
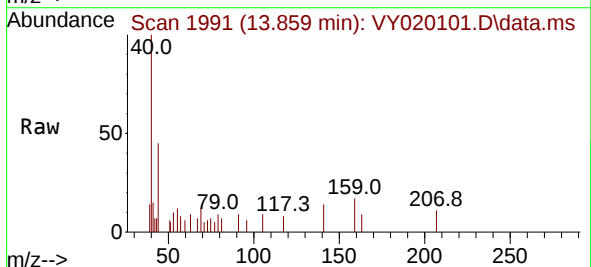
Instrument :
MSVOA_Y
ClientSampleId :

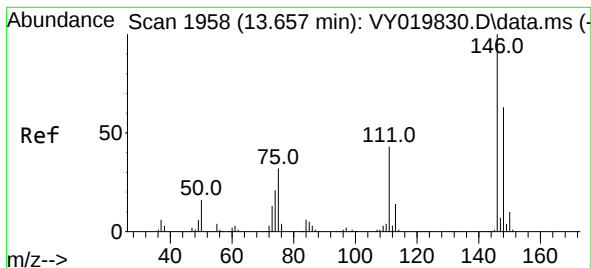
Tgt Ion: 91 Resp: 85
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 16.890 ug/l
RT: 13.859 min Scan# 1991
Delta R.T. -0.024 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

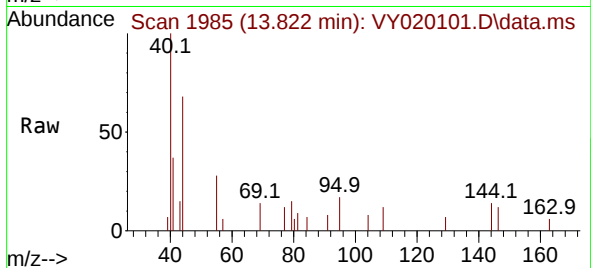
Tgt Ion: 117 Resp: 93
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



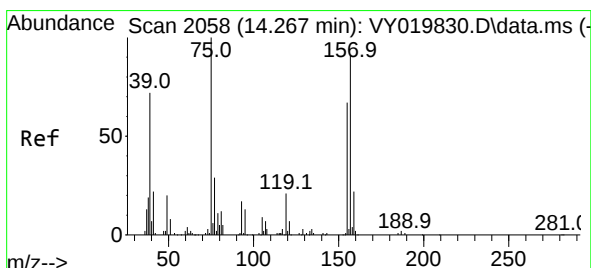
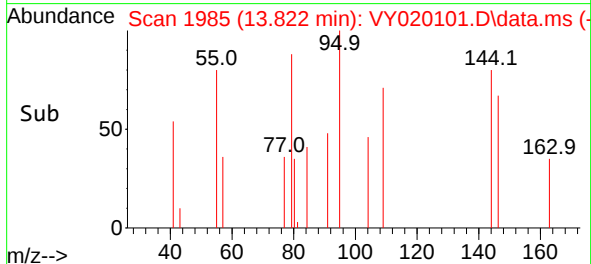
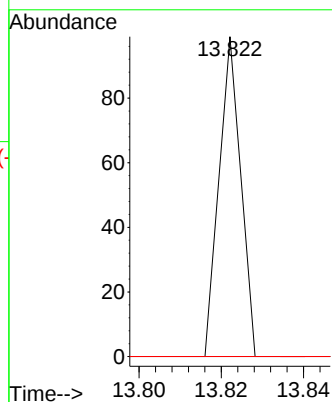


#91
1,2-Dichlorobenzene
Concen: 3.131 ug/l
RT: 13.822 min Scan# 1958
Delta R.T. 0.165 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :

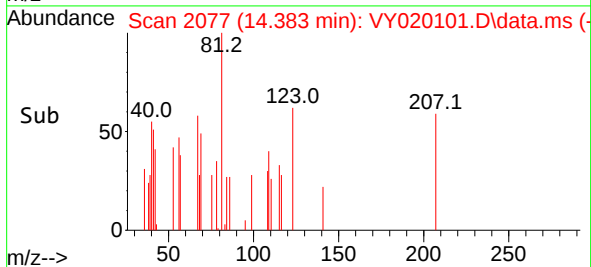
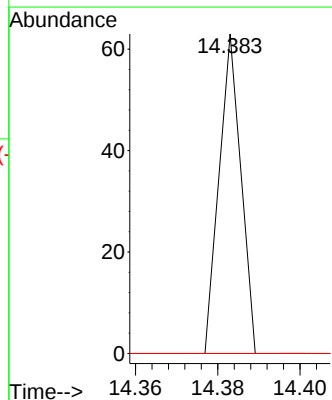
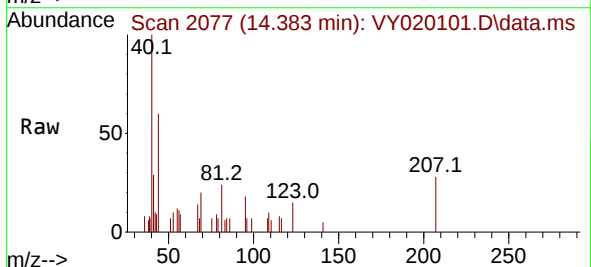


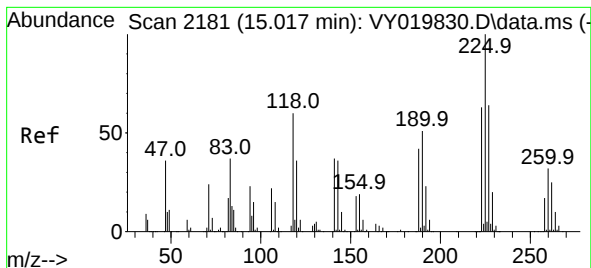
Tgt Ion:146 Resp: 36
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.7#
148 0.0 31.8 95.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 26.936 ug/l
RT: 14.383 min Scan# 2077
Delta R.T. 0.110 min
Lab File: VY020101.D
Acq: 31 Oct 2024 17:46

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#94

Hexachlorobutadiene

Concen: 6.810 ug/l

RT: 14.810 min Scan# 21

Delta R.T. -0.213 min

Lab File: VY020101.D

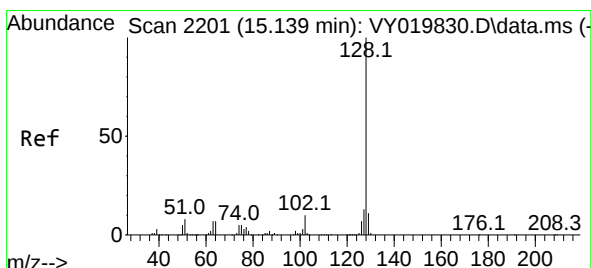
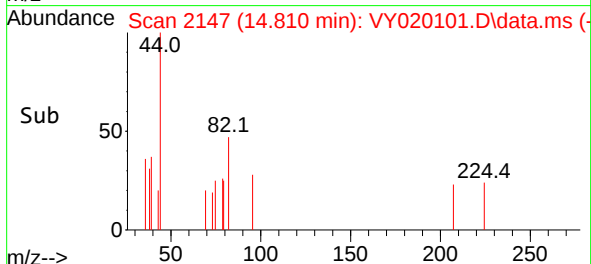
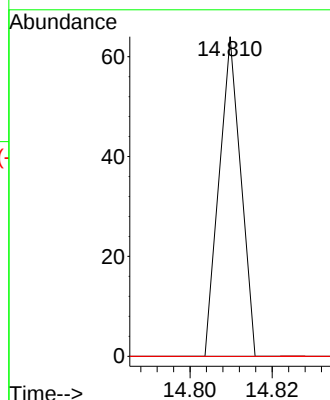
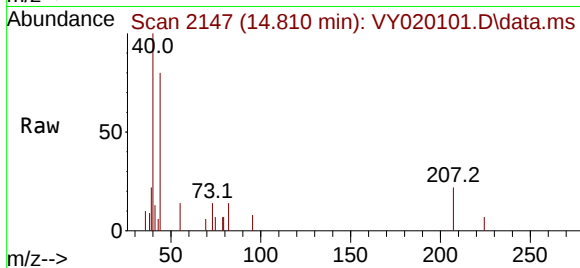
Acq: 31 Oct 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	225	Resp:	23
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.4	91.2#
227	0.0	31.9	95.9#



#95

Naphthalene

Concen: 14.379 ug/l

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: VY020101.D

Acq: 31 Oct 2024 17:46

Tgt Ion:	128	Resp:	166
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	33.1	8.6	13.0#

