

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020051.D
 Acq On : 29 Oct 2024 11:04
 Operator : SY/MD
 Sample : VY1029SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:20:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	186283	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	334192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	134900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	118854	51.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.640	113	112879	51.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.109	98	409396	50.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.408	95	147085	49.984	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	25827	14.893	ug/l	100
3) Chloromethane	2.080	50	35474	15.717	ug/l	97
4) Vinyl Chloride	2.214	62	44223	17.805	ug/l	96
5) Bromomethane	2.598	94	29055	18.482	ug/l	100
6) Chloroethane	2.739	64	32797	19.656	ug/l	97
7) Trichlorofluoromethane	3.068	101	71163	19.255	ug/l	89
8) Diethyl Ether	3.464	74	20688	18.419	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.824	101	43607	20.285	ug/l	# 92
10) Methyl Iodide	4.013	142	32130	14.778	ug/l	90
11) Tert butyl alcohol	4.854	59	14258	63.643	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	34845	17.436	ug/l	85
13) Acrolein	3.659	56	11448	67.924	ug/l	94
14) Allyl chloride	4.397	41	69415	19.251	ug/l	# 89
15) Acrylonitrile	5.074	53	60198	117.174	ug/l	97
16) Acetone	3.879	43	82827	138.719	ug/l	# 81
17) Carbon Disulfide	4.116	76	54695	10.211	ug/l	96
18) Methyl Acetate	4.391	43	27741	21.568	ug/l	# 88
19) Methyl tert-butyl Ether	5.128	73	121965	21.243	ug/l	95
20) Methylene Chloride	4.629	84	49107	21.804	ug/l	# 75
21) trans-1,2-Dichloroethene	5.128	96	38225	17.574	ug/l	# 85
22) Diisopropyl ether	6.031	45	180158	22.938	ug/l	# 89
23) Vinyl Acetate	5.970	43	485811	107.896	ug/l	# 92
24) 1,1-Dichloroethane	5.921	63	97435	22.317	ug/l	94
25) 2-Butanone	6.903	43	103150	129.064	ug/l	# 83
26) 2,2-Dichloropropane	6.896	77	83105	21.374	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	55076	20.490	ug/l	78
28) Bromochloromethane	7.250	49	45015	23.425	ug/l	# 71
29) Tetrahydrofuran	7.268	42	50969	111.692	ug/l	# 80
30) Chloroform	7.427	83	103705	23.302	ug/l	96
31) Cyclohexane	7.707	56	64806	16.910	ug/l	92
32) 1,1,1-Trichloroethane	7.628	97	84591	21.688	ug/l	# 93
36) 1,1-Dichloropropene	7.841	75	61159	19.250	ug/l	94
37) Ethyl Acetate	6.988	43	35245	21.274	ug/l	# 94
38) Carbon Tetrachloride	7.823	117	68239	20.035	ug/l	97
39) Methylcyclohexane	9.116	83	64562	16.128	ug/l	# 87
40) Benzene	8.091	78	191595	19.926	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	21227	23.674	ug/l #	85
42) 1,2-Dichloroethane	8.165	62	58042	21.012	ug/l	95
43) Isopropyl Acetate	8.201	43	74293	21.989	ug/l #	78
44) Trichloroethene	8.872	130	43223	18.560	ug/l	89
45) 1,2-Dichloropropane	9.146	63	54194	22.518	ug/l	96
46) Dibromomethane	9.238	93	27278	20.745	ug/l	88
47) Bromodichloromethane	9.427	83	78474	22.484	ug/l	100
48) Methyl methacrylate	9.225	41	31316	21.071	ug/l #	82
49) 1,4-Dioxane	9.231	88	6613	449.354	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	201726	117.057	ug/l	89
52) Toluene	10.176	92	122305	20.378	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	63925	20.356	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	76149	20.551	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	39566	22.839	ug/l	100
56) Ethyl methacrylate	10.445	69	51345	20.655	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	67251	22.105	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	127158	109.883	ug/l	92
59) 2-Hexanone	10.762	43	153924	125.055	ug/l	85
60) Dibromochloromethane	10.914	129	48177	21.667	ug/l	100
61) 1,2-Dibromoethane	11.018	107	32764	20.929	ug/l	98
64) Tetrachloroethene	10.652	164	36142	17.784	ug/l	93
65) Chlorobenzene	11.444	112	132709	20.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	48642	21.999	ug/l	98
67) Ethyl Benzene	11.524	91	244765	20.618	ug/l	98
68) m/p-Xylenes	11.633	106	178897	40.803	ug/l	93
69) o-Xylene	11.957	106	85245	20.236	ug/l	88
70) Styrene	11.975	104	150351	21.155	ug/l	94
71) Bromoform	12.133	173	25680	21.695	ug/l #	98
73) Isopropylbenzene	12.255	105	243064	21.421	ug/l	98
74) N-amyl acetate	12.072	43	62944	20.944	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	48220	23.916	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	58425	22.108	ug/l #	100
77) Bromobenzene	12.536	156	49706	20.643	ug/l	81
78) n-propylbenzene	12.597	91	302261	22.046	ug/l	96
79) 2-Chlorotoluene	12.682	91	171019	21.757	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	195325	21.315	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	13261	20.255	ug/l #	74
82) 4-Chlorotoluene	12.780	91	172407	21.451	ug/l	95
83) tert-Butylbenzene	12.999	119	182466	22.227	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	194213	21.377	ug/l	94
85) sec-Butylbenzene	13.176	105	279579	22.794	ug/l	96
86) p-Isopropyltoluene	13.292	119	219728	22.062	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	103107	21.204	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	102087	21.370	ug/l	95
89) n-Butylbenzene	13.621	91	220214	22.644	ug/l	96
90) Hexachloroethane	13.883	117	44326	22.856	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	92483	21.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7168	22.277	ug/l	68
93) 1,2,4-Trichlorobenzene	14.926	180	45744	19.094	ug/l	98
94) Hexachlorobutadiene	15.029	225	26814	20.131	ug/l	94
95) Naphthalene	15.145	128	83682	18.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38515	19.018	ug/l	96

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Response via : Initial Calibration

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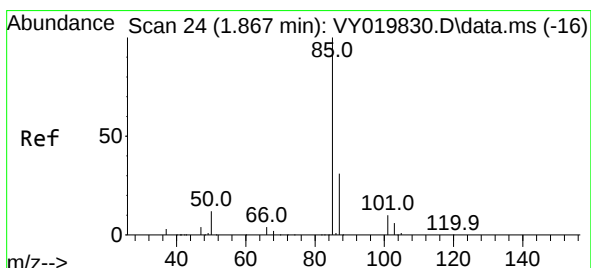
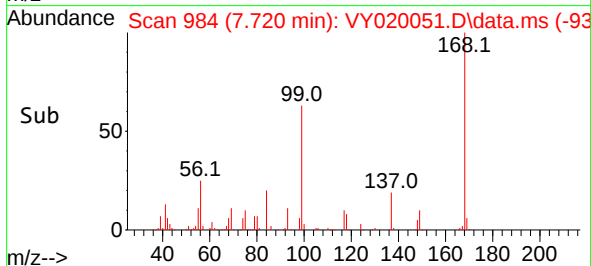
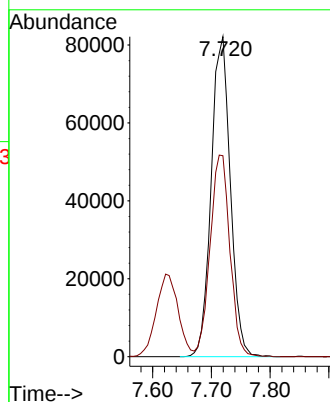
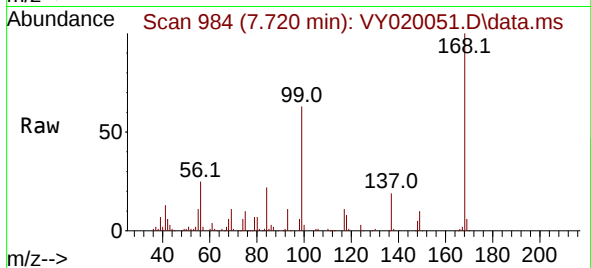
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
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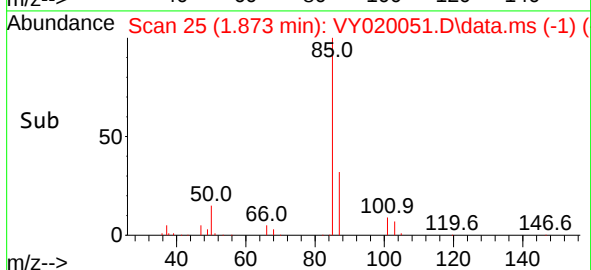
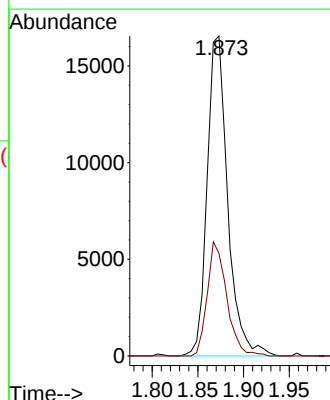
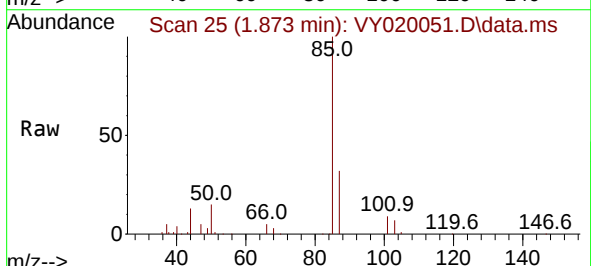
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 186283
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 14.893 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 85 Resp: 25827
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

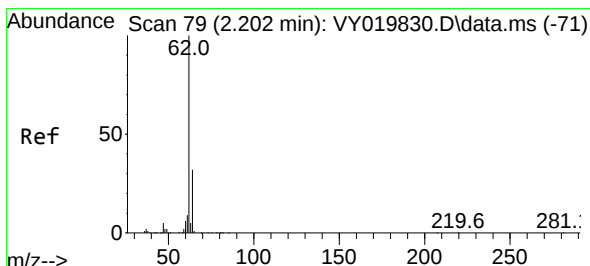
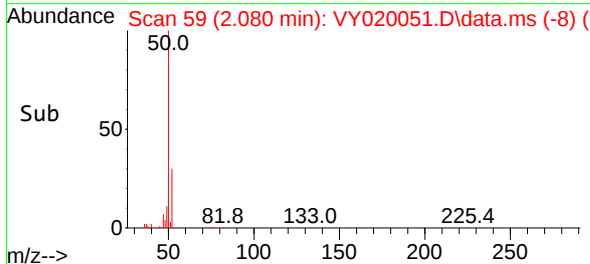
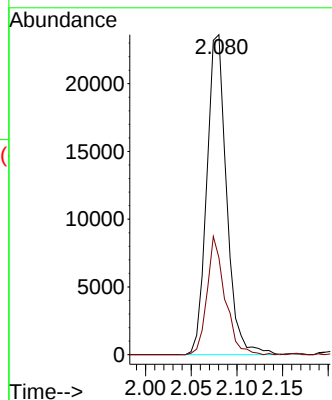
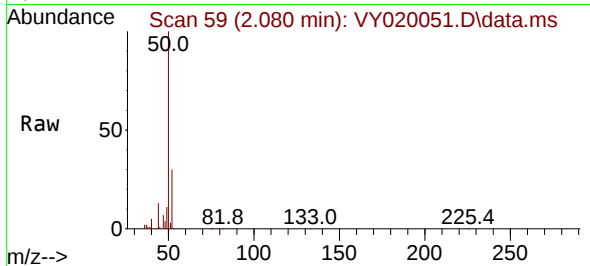




#3
Chloromethane
Concen: 15.717 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

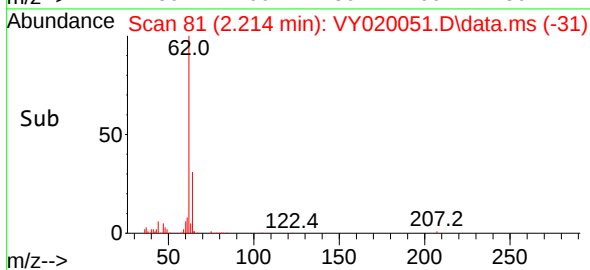
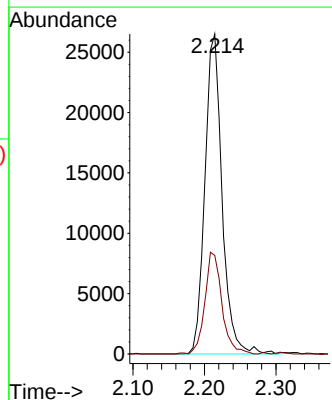
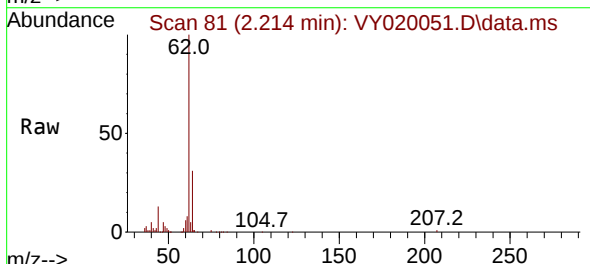
Instrument :
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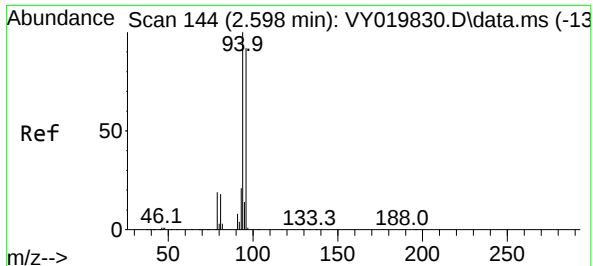
Tgt Ion: 50 Resp: 35474
Ion Ratio Lower Upper
50 100
52 30.3 25.6 38.4



#4
Vinyl Chloride
Concen: 17.805 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 62 Resp: 44223
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1

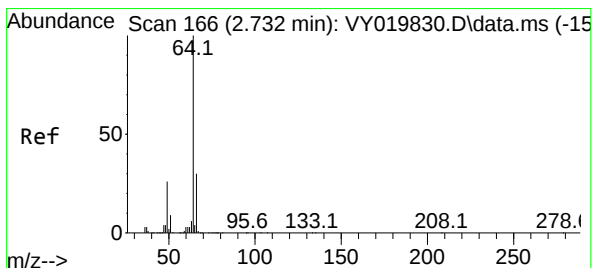
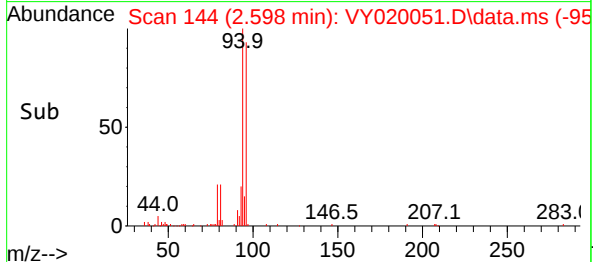
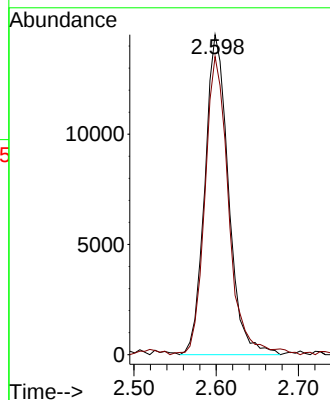
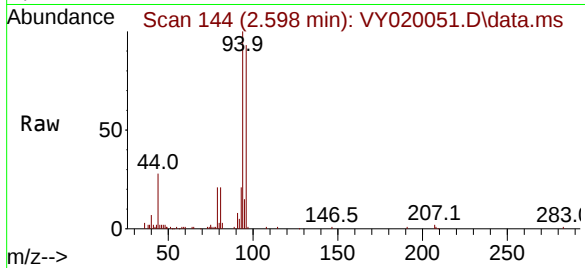




#5
Bromomethane
Concen: 18.482 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

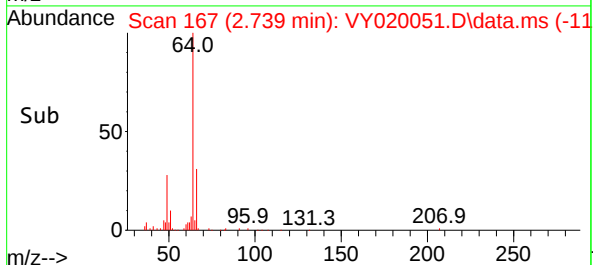
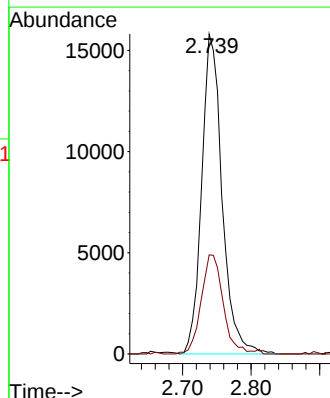
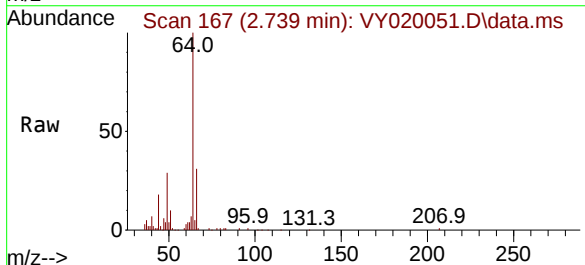
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 29055
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 19.656 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 64 Resp: 32797
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

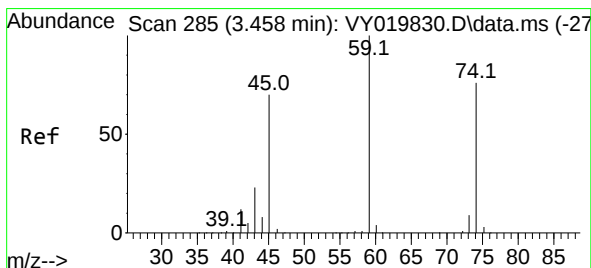
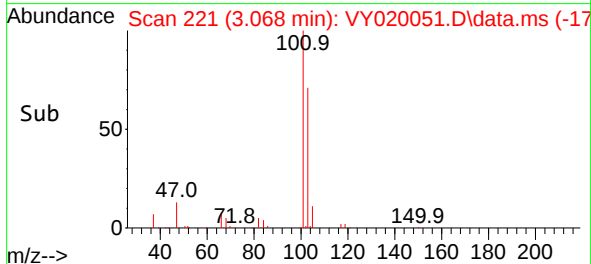
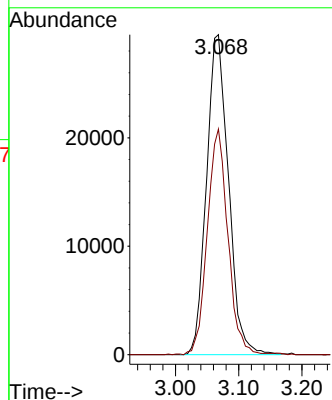
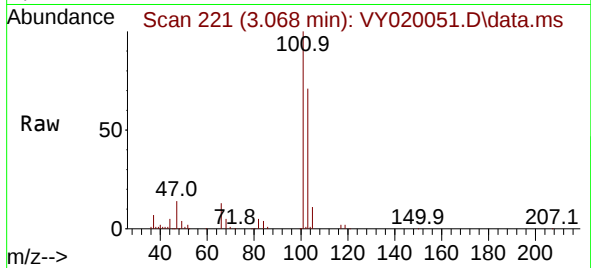




#7
 Trichlorofluoromethane
 Concen: 19.255 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

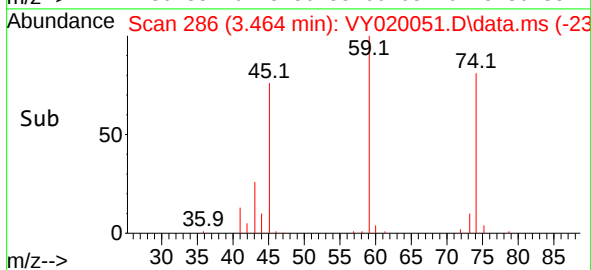
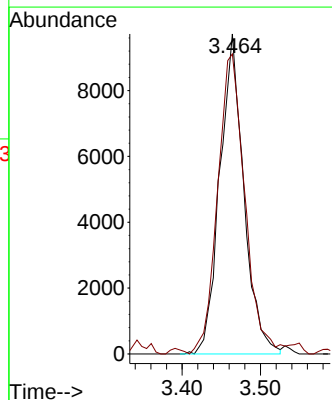
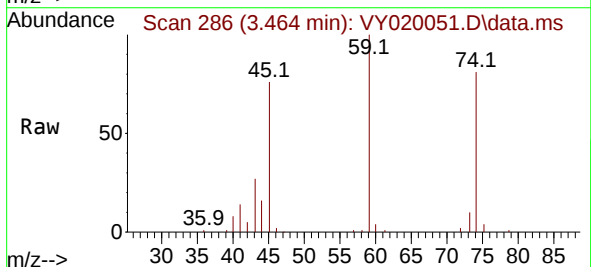
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 71163
 Ion Ratio Lower Upper
 101 100
 103 70.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.419 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.007 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

Tgt Ion: 74 Resp: 20688
 Ion Ratio Lower Upper
 74 100
 45 106.3 41.3 124.1

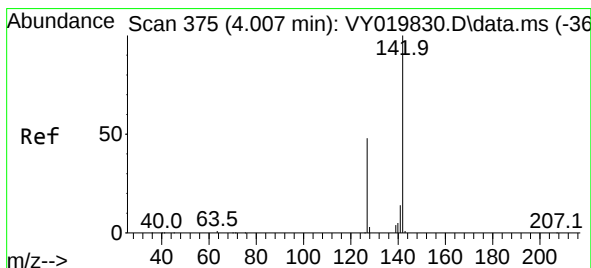
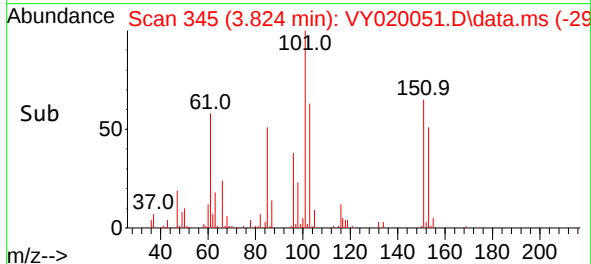
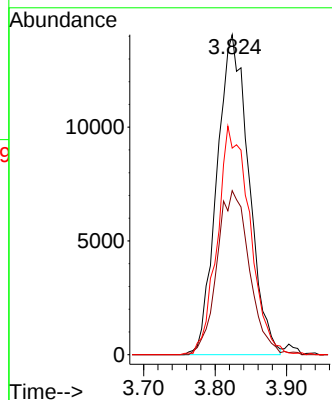
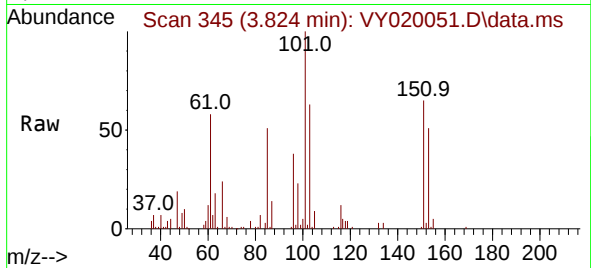




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.285 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

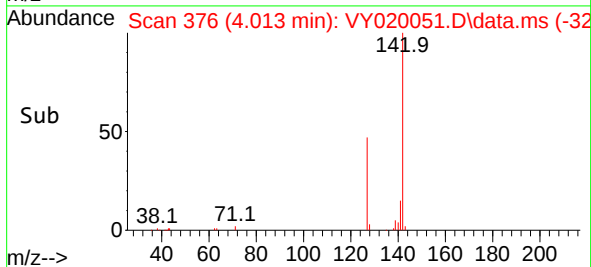
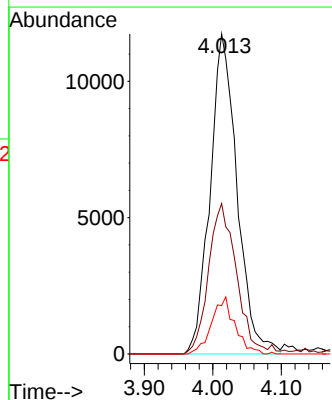
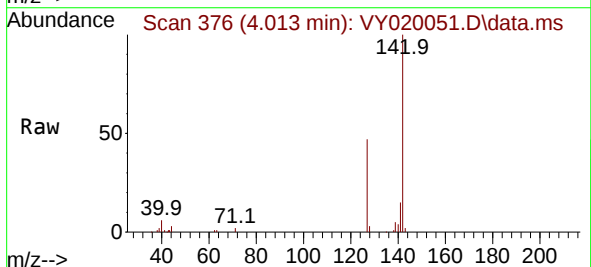
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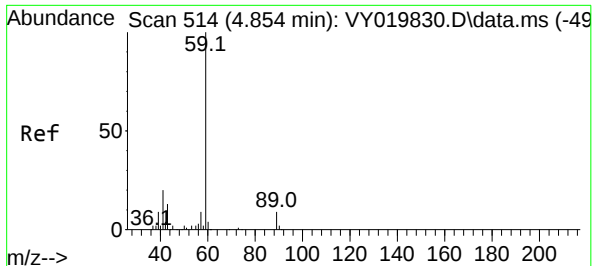
Tgt Ion:101 Resp: 43607
Ion Ratio Lower Upper
101 100
85 52.1 34.5 51.7#
151 72.6 61.7 92.5



#10
Methyl Iodide
Concen: 14.778 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

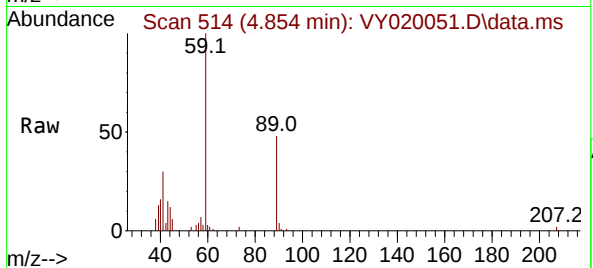
Tgt Ion:142 Resp: 32130
Ion Ratio Lower Upper
142 100
127 48.8 32.8 49.2
141 15.3 11.4 17.2



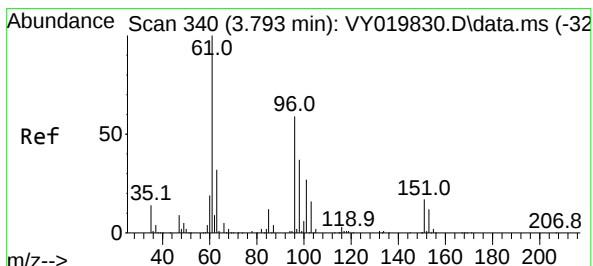
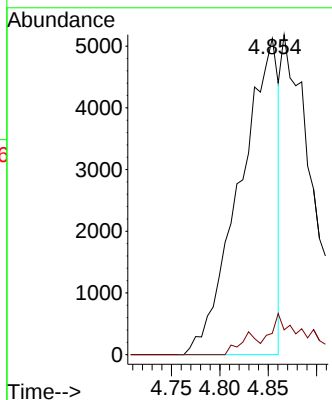
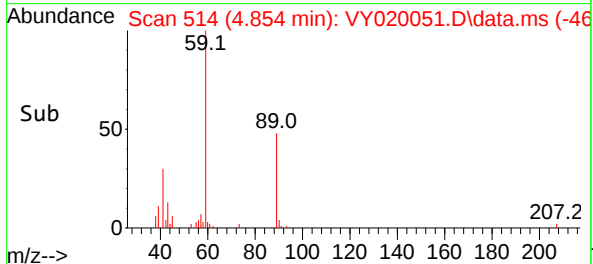


#11
Tert butyl alcohol
Concen: 63.643 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

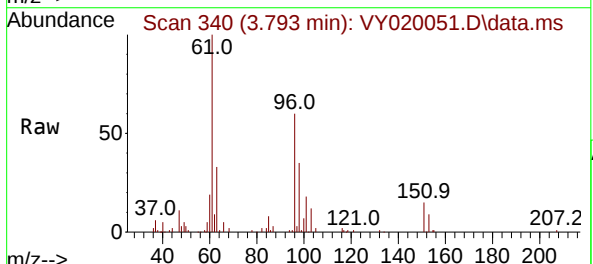
Instrument :
MSVOA_Y
ClientSampleId :



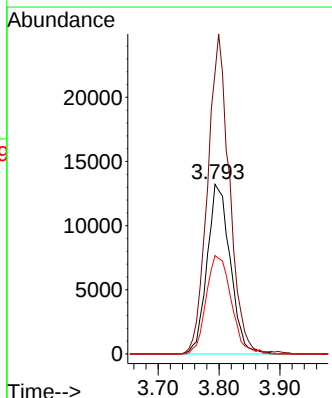
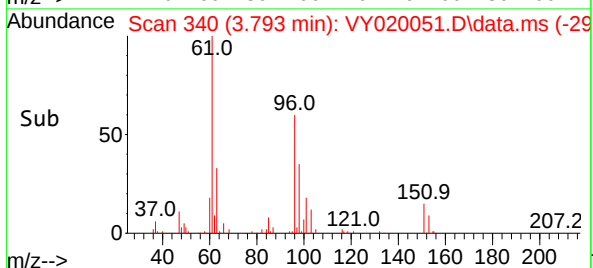
Tgt Ion: 59 Resp: 14258
Ion Ratio Lower Upper
59 100
57 10.9 3.0 4.6#

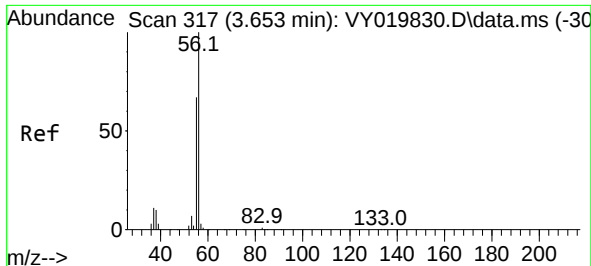


#12
1,1-Dichloroethene
Concen: 17.436 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04



Tgt Ion: 96 Resp: 34845
Ion Ratio Lower Upper
96 100
61 165.5 114.6 171.8
98 58.0 50.8 76.2





#13

Acrolein

Concen: 67.924 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

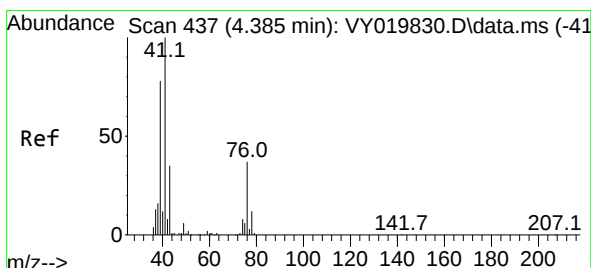
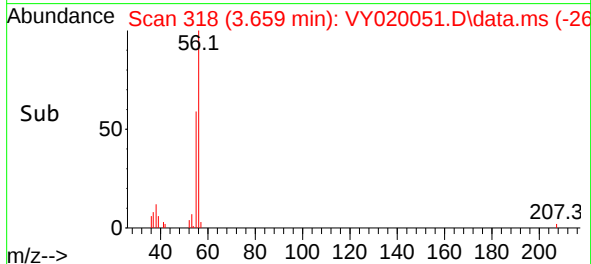
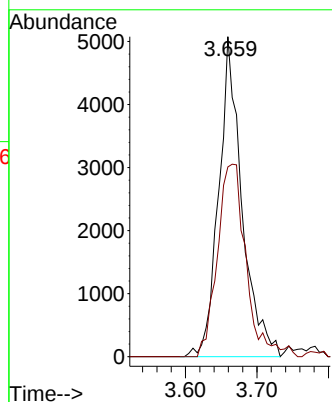
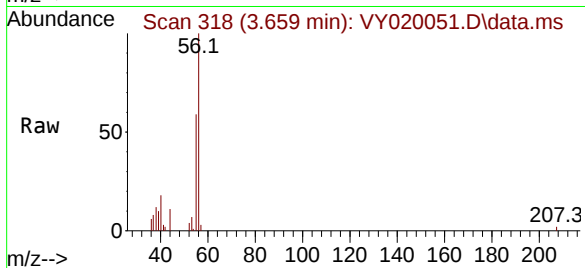
ClientSampleId :

Tgt Ion: 56 Resp: 11448

Ion Ratio Lower Upper

56 100

55 74.2 55.7 83.5



#14

Allyl chloride

Concen: 19.251 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.013 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

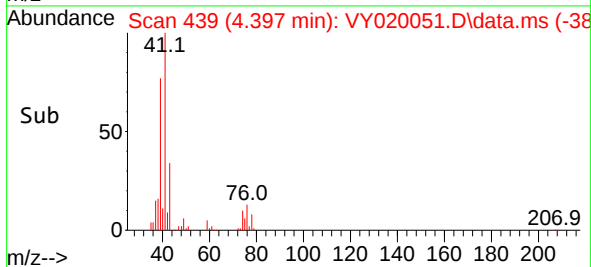
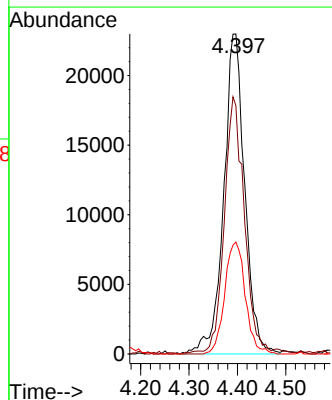
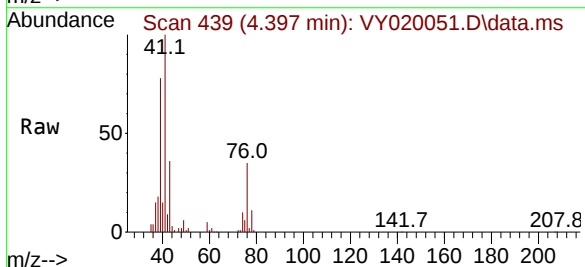
Tgt Ion: 41 Resp: 69415

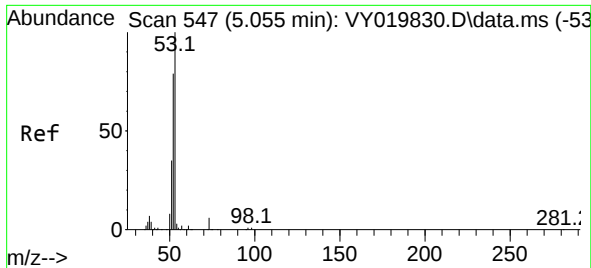
Ion Ratio Lower Upper

41 100

39 76.7 58.3 87.5

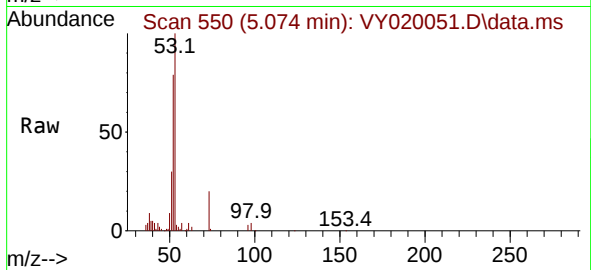
76 34.3 39.0 58.6#



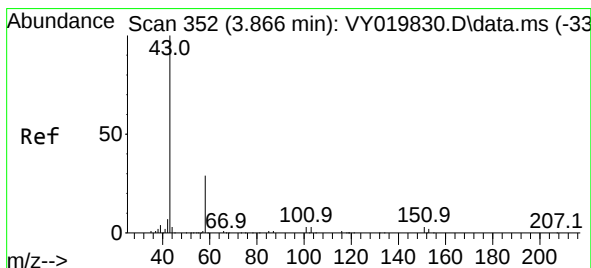
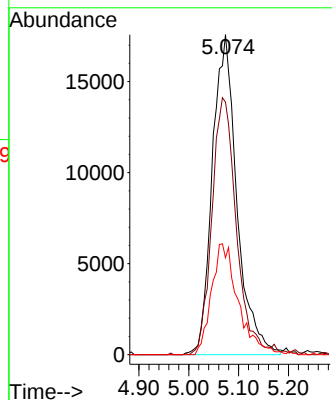
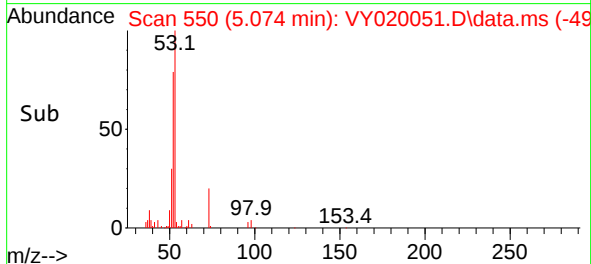


#15
Acrylonitrile
Concen: 117.174 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Instrument :
MSVOA_Y
ClientSampleId :

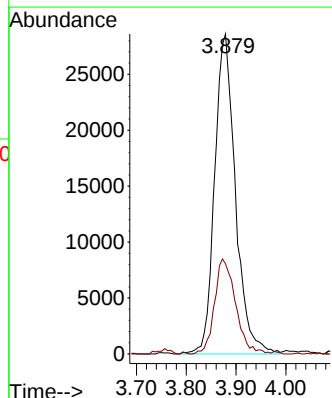
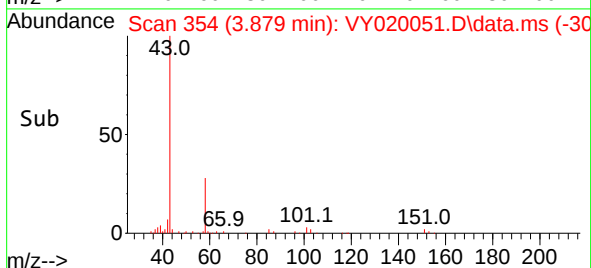
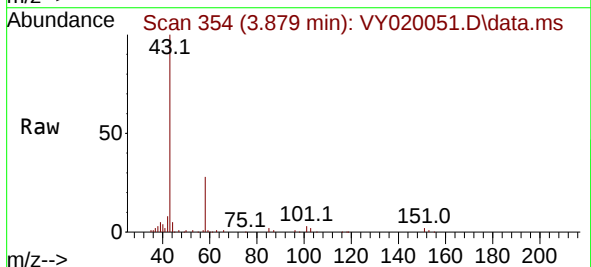


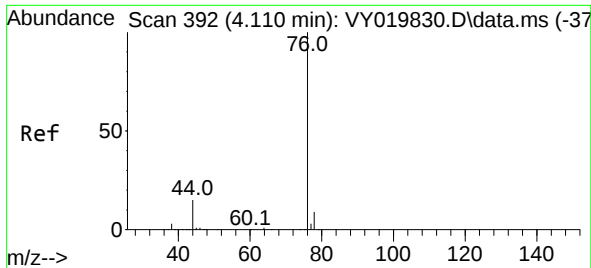
Tgt Ion: 53 Resp: 60198
Ion Ratio Lower Upper
53 100
52 78.9 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 138.719 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 43 Resp: 82827
Ion Ratio Lower Upper
43 100
58 28.2 31.7 47.5#

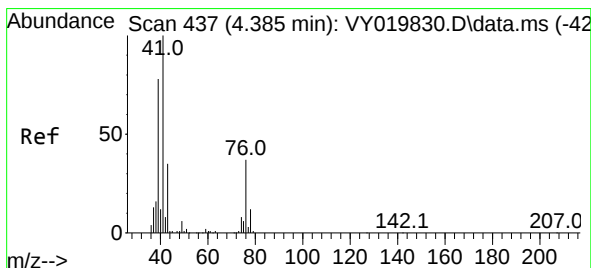
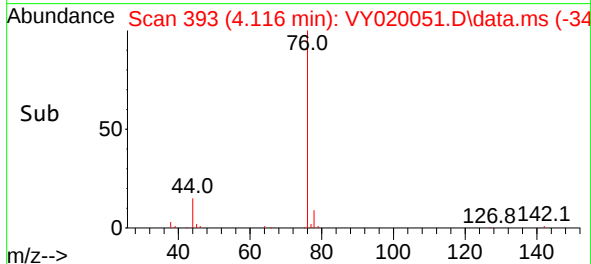
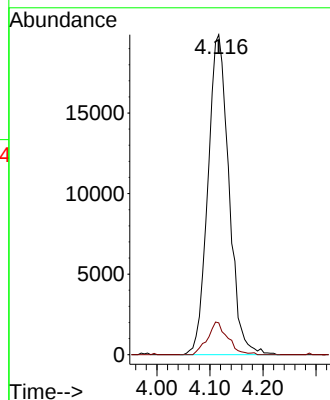
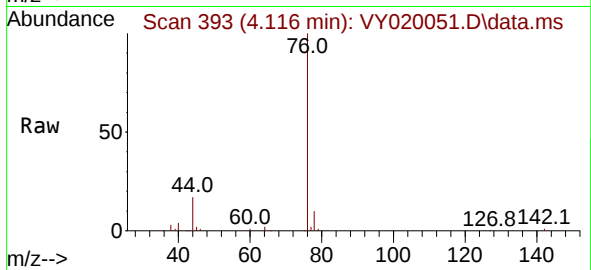




#17
Carbon Disulfide
Concen: 10.211 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

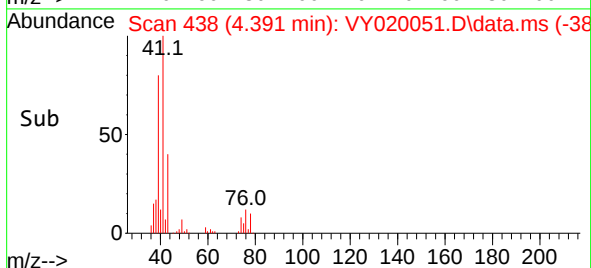
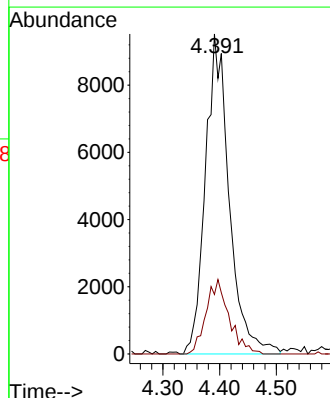
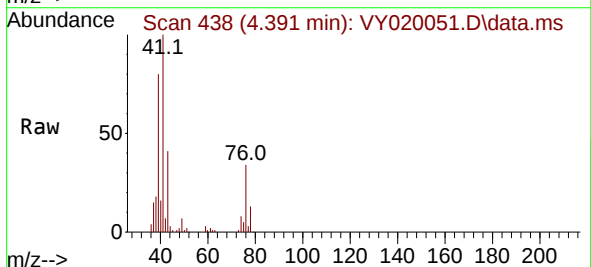
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 54695
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 21.568 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 43 Resp: 27741
Ion Ratio Lower Upper
43 100
74 22.5 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 21.243 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

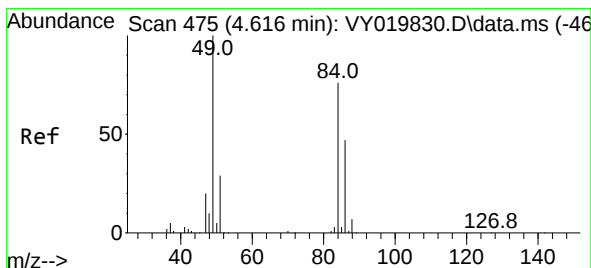
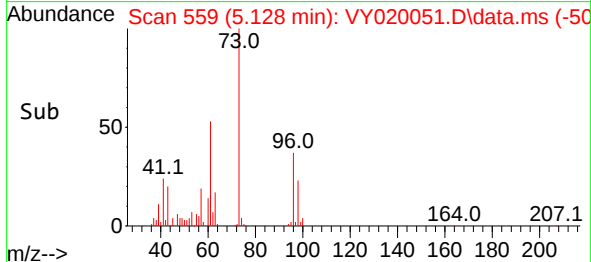
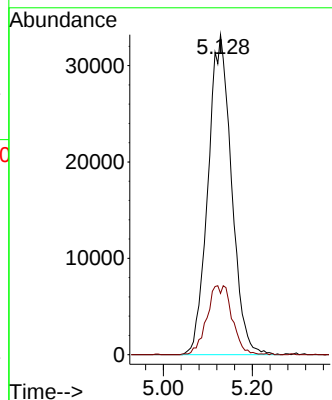
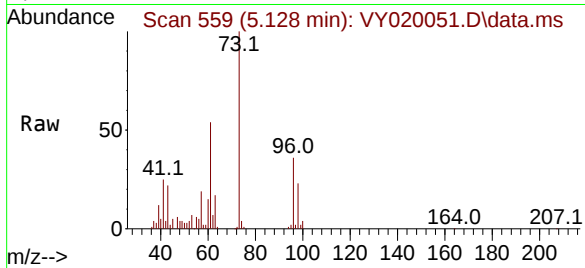
ClientSampleId :

Tgt Ion: 73 Resp: 121965

Ion Ratio Lower Upper

73 100

57 19.2 17.3 25.9



#20

Methylene Chloride

Concen: 21.804 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.013 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Tgt Ion: 84 Resp: 49107

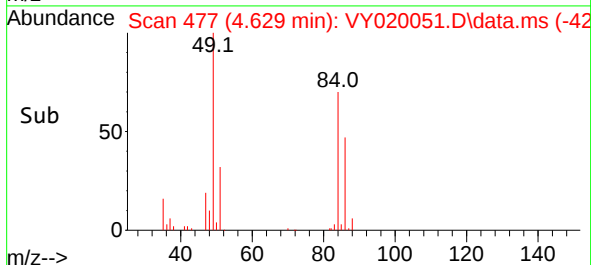
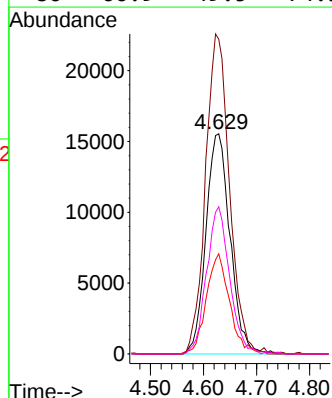
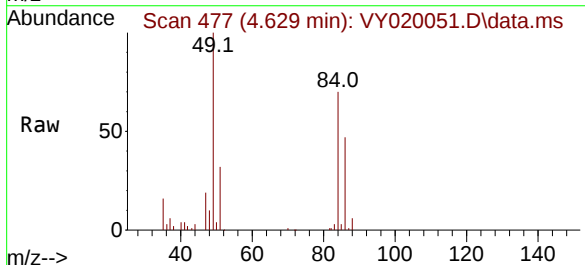
Ion Ratio Lower Upper

84 100

49 142.9 84.4 126.6#

51 45.4 26.0 39.0#

86 66.9 49.5 74.3

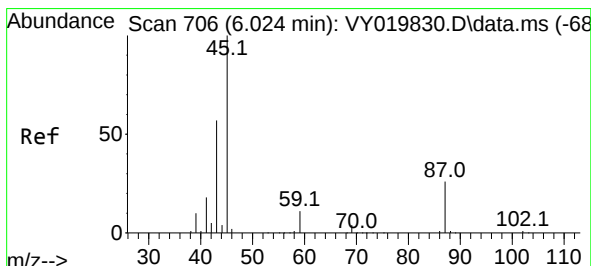
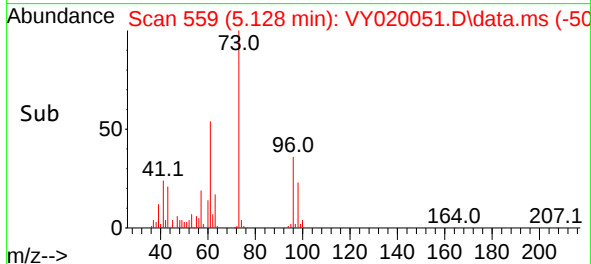
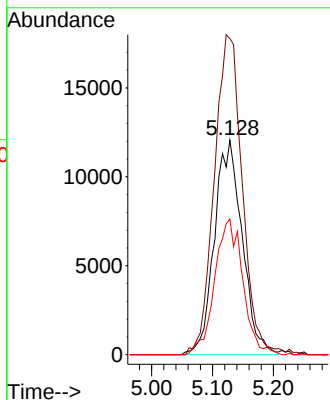
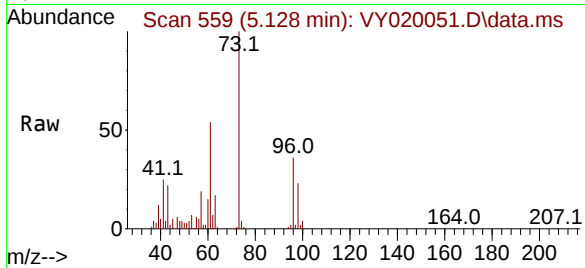




#21
trans-1,2-Dichloroethene
Concen: 17.574 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

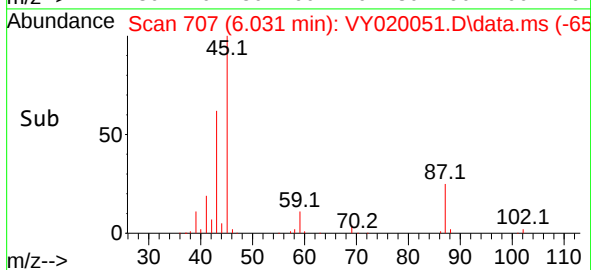
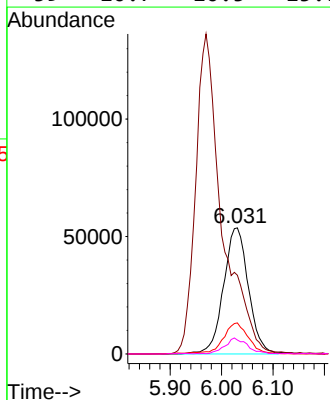
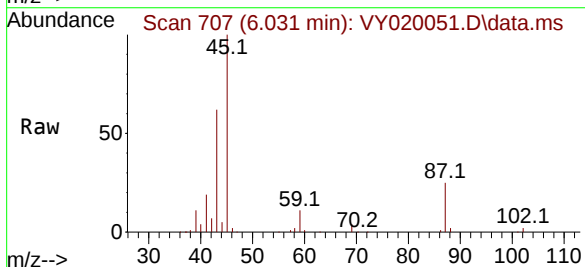
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 38225
Ion Ratio Lower Upper
96 100
61 147.4 97.5 146.3#
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 22.938 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 45 Resp: 180158
Ion Ratio Lower Upper
45 100
43 60.9 42.2 63.2
87 24.3 25.0 37.6#
59 10.7 10.5 15.7

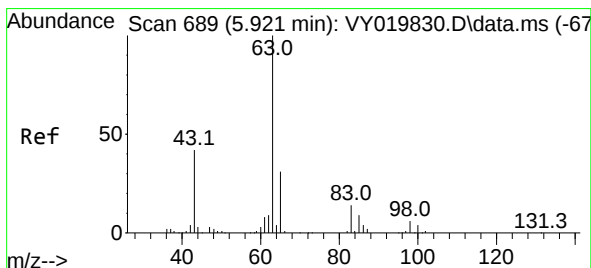
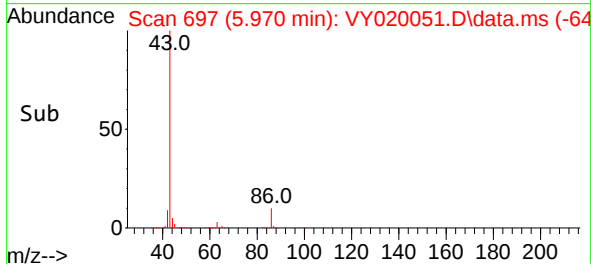
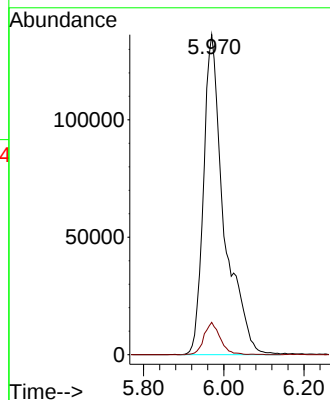
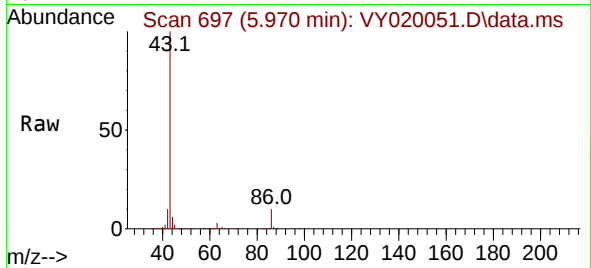




#23
 Vinyl Acetate
 Concen: 107.896 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.013 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

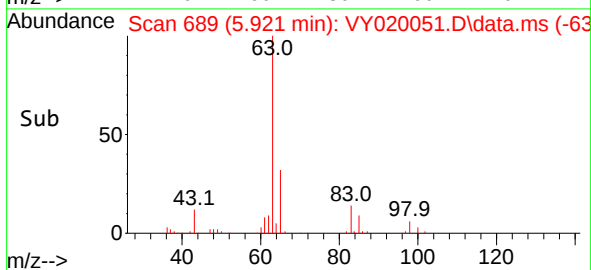
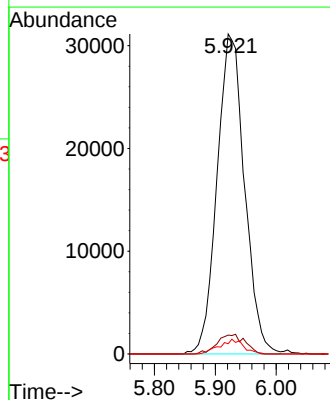
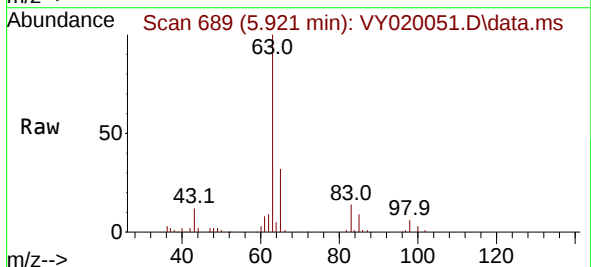
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 485811
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.317 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

Tgt Ion: 63 Resp: 97435
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.0 12.2
 100 3.2 2.6 8.0





#25

2-Butanone

Concen: 129.064 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

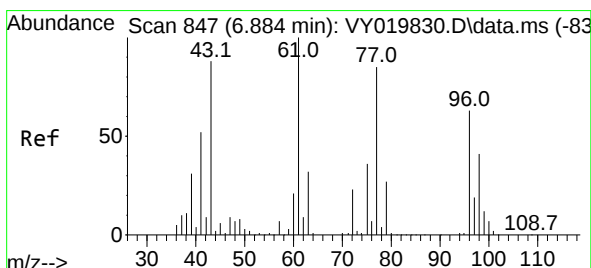
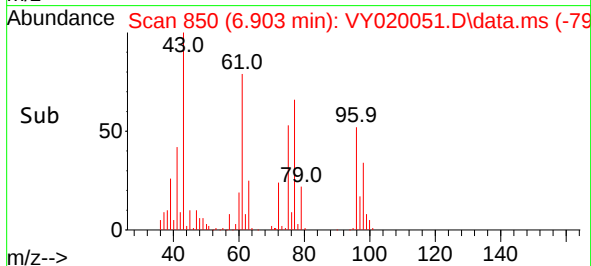
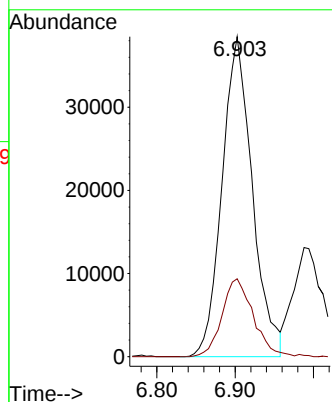
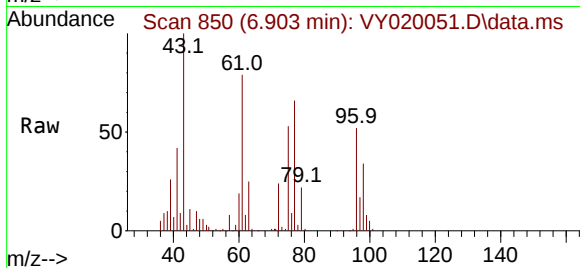
ClientSampleId :

Tgt Ion: 43 Resp: 103150

Ion Ratio Lower Upper

43 100

72 24.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.374 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY020051.D

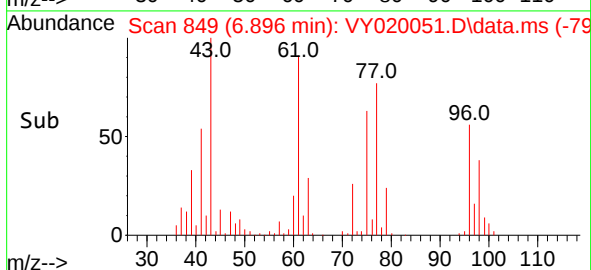
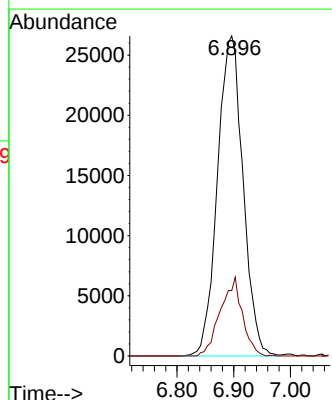
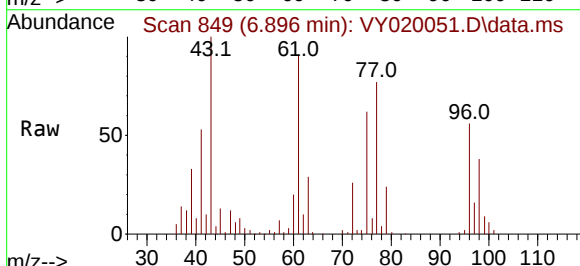
Acq: 29 Oct 2024 11:04

Tgt Ion: 77 Resp: 83105

Ion Ratio Lower Upper

77 100

97 21.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.490 ug/l

RT: 6.903 min Scan# 848

Delta R.T. 0.013 min

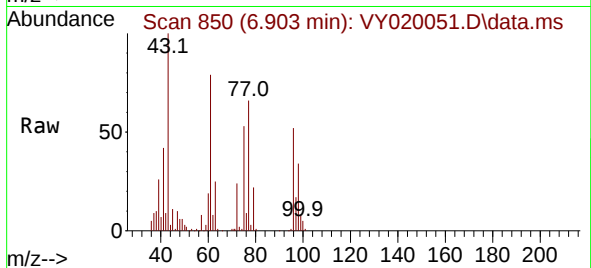
Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :



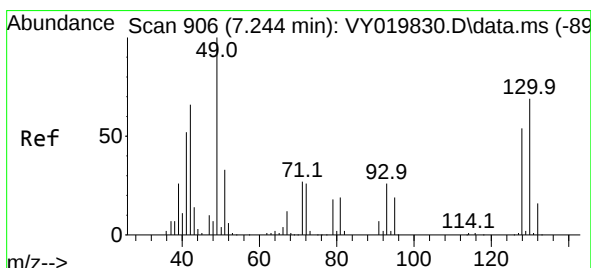
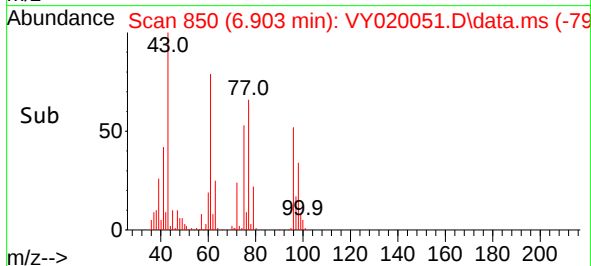
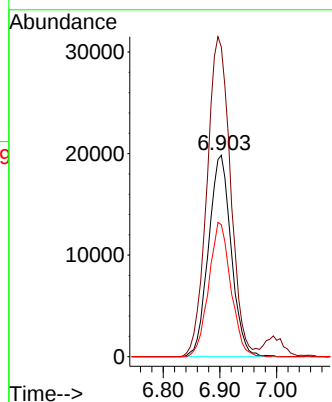
Tgt Ion: 96 Resp: 55076

Ion Ratio Lower Upper

96 100

61 165.6 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 23.425 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

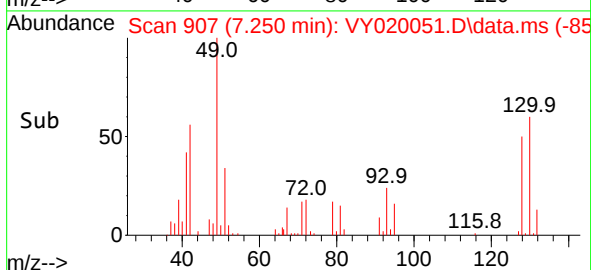
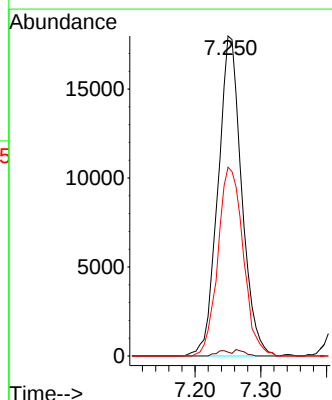
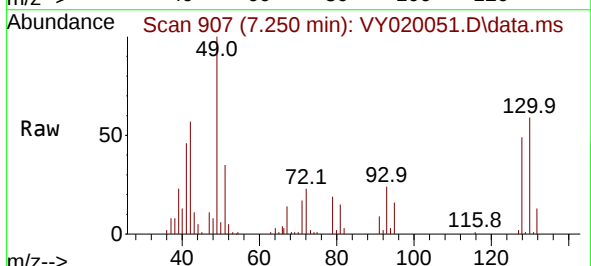
Tgt Ion: 49 Resp: 45015

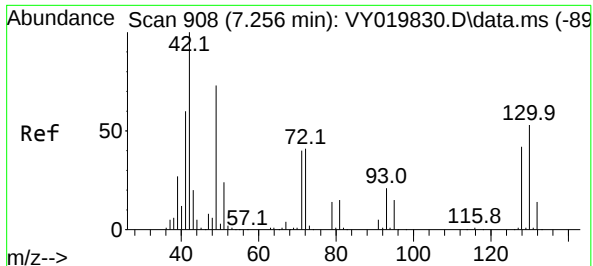
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 63.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 111.692 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

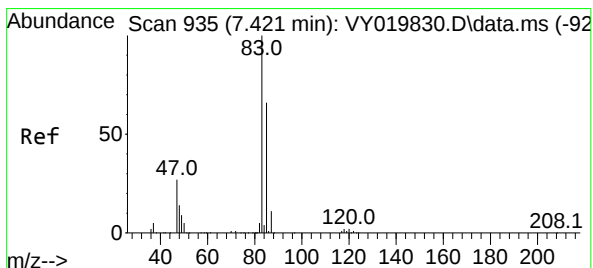
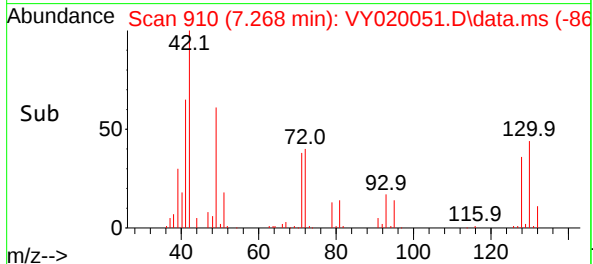
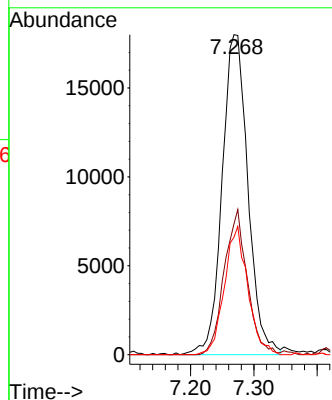
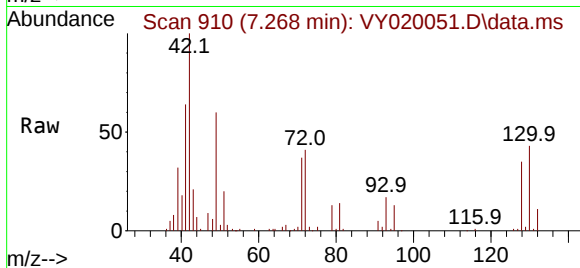
Tgt Ion: 42 Resp: 50969

Ion Ratio Lower Upper

42 100

72 40.6 43.0 64.4#

71 36.3 40.8 61.2#



#30

Chloroform

Concen: 23.302 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020051.D

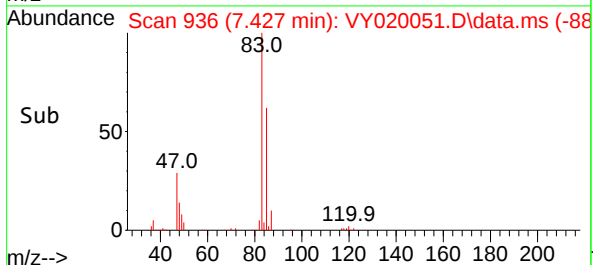
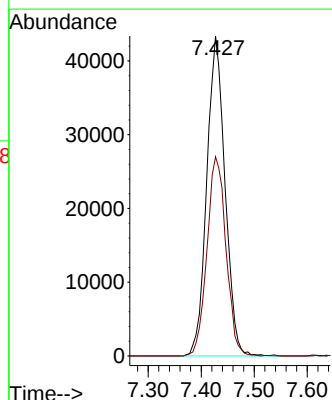
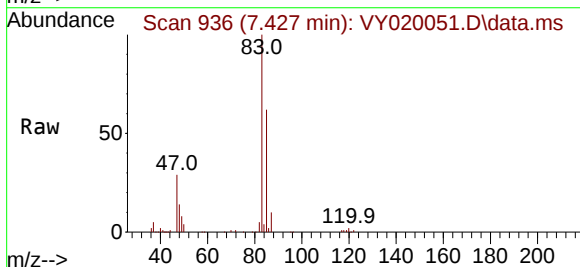
Acq: 29 Oct 2024 11:04

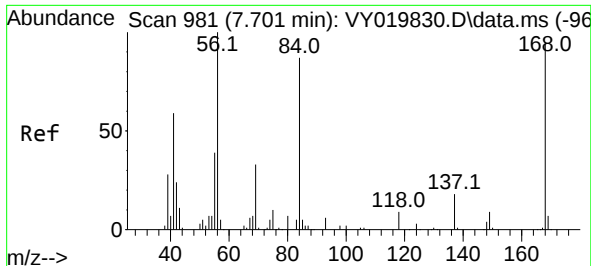
Tgt Ion: 83 Resp: 103705

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

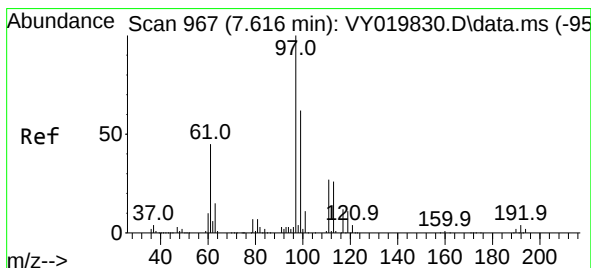
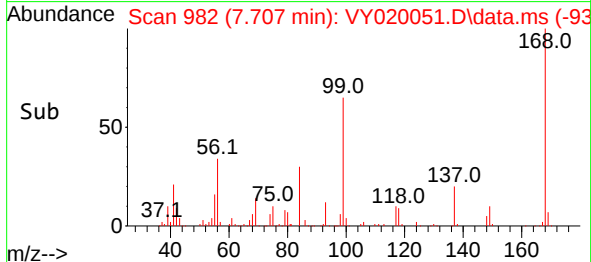
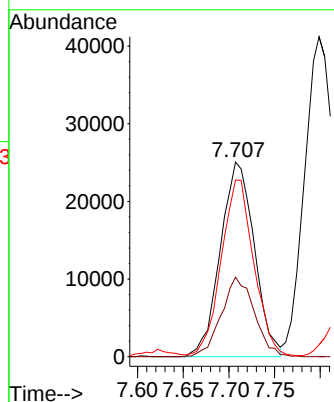
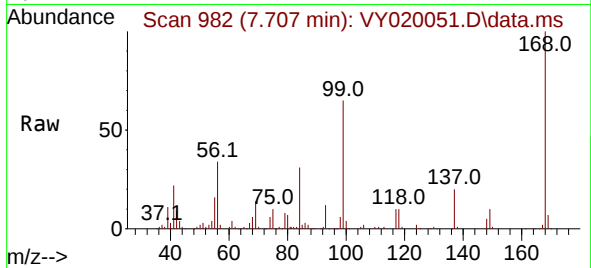




#31
Cyclohexane
Concen: 16.910 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

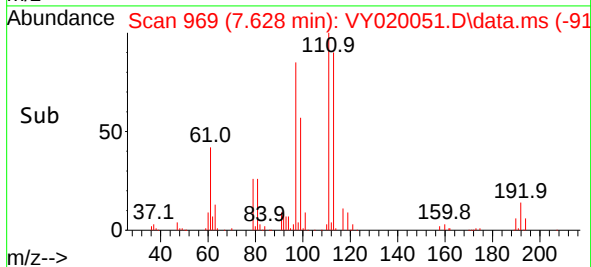
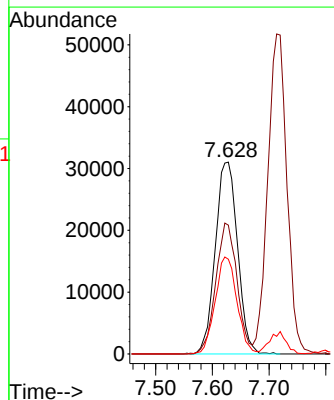
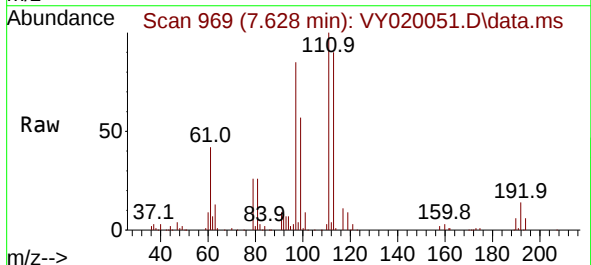
Instrument :
MSVOA_Y
ClientSampleId :

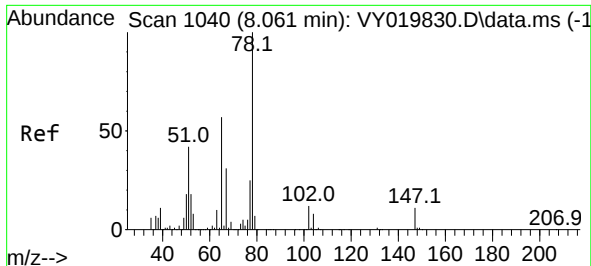
Tgt Ion: 56 Resp: 64806
Ion Ratio Lower Upper
56 100
69 40.9 28.7 43.1
84 89.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.688 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.013 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 97 Resp: 84591
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 49.4 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 51.818 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

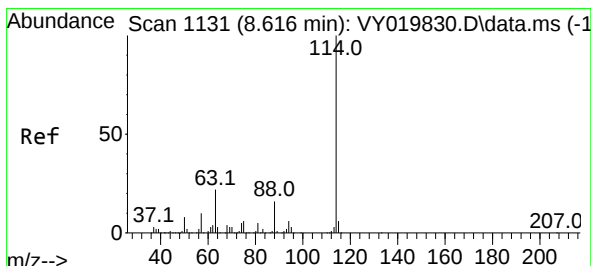
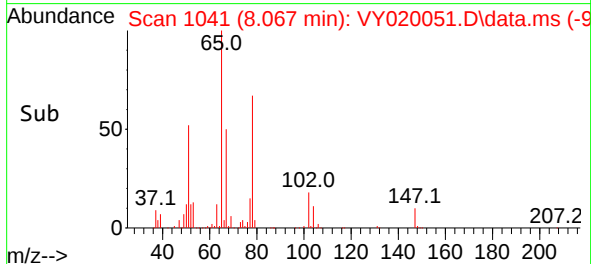
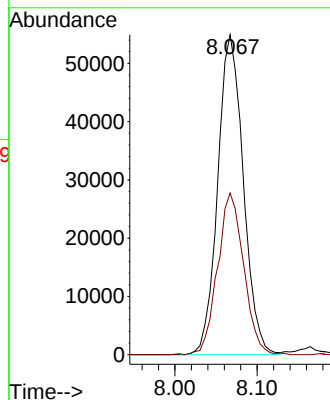
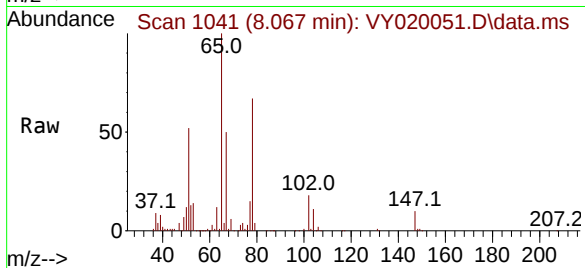
ClientSampleId :

Tgt Ion: 65 Resp: 118854

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

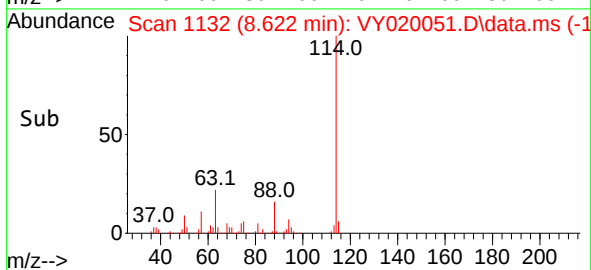
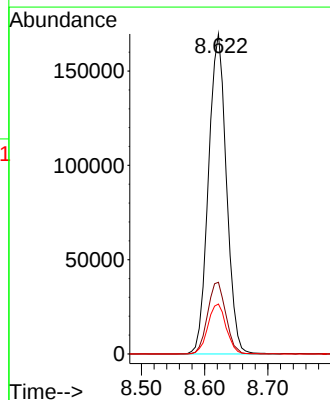
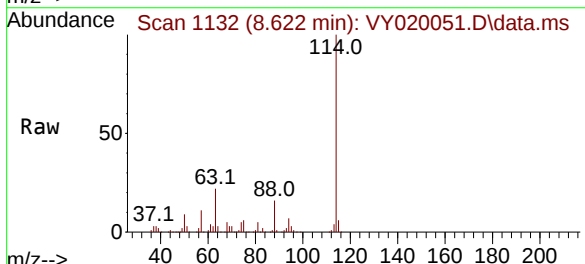
Tgt Ion: 114 Resp: 334192

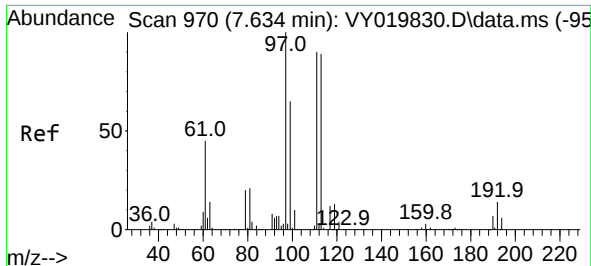
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.185 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

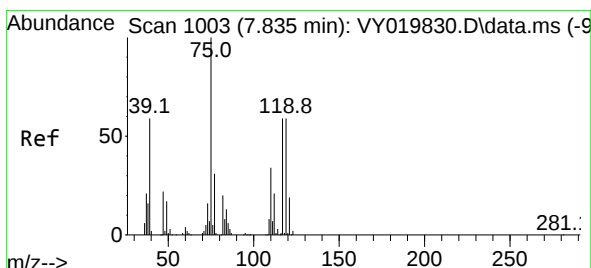
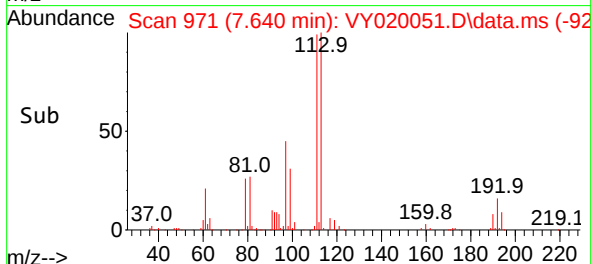
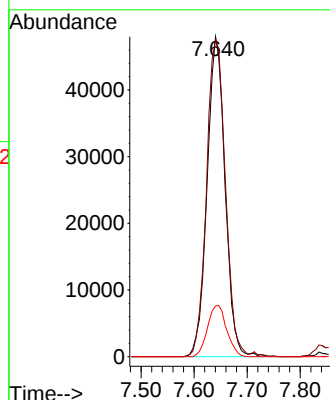
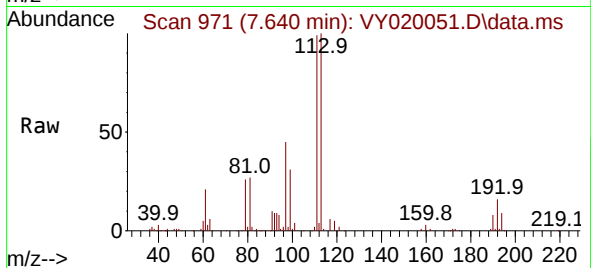
Tgt Ion:113 Resp: 112879

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.250 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

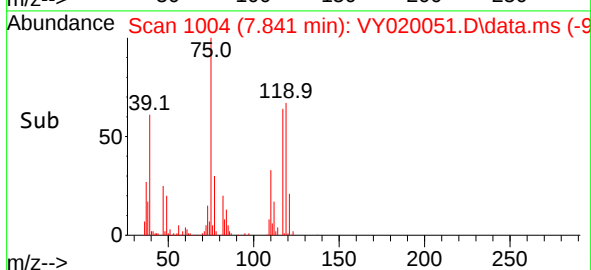
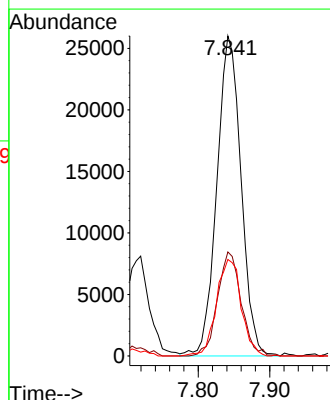
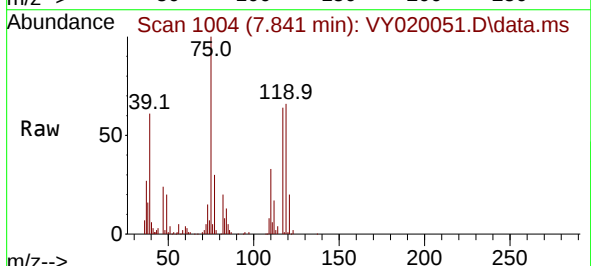
Tgt Ion: 75 Resp: 61159

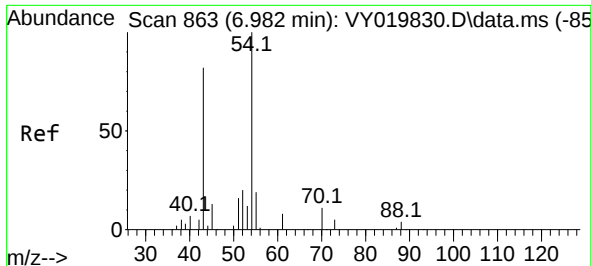
Ion Ratio Lower Upper

75 100

110 31.7 19.0 57.0

77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 21.274 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020051.D

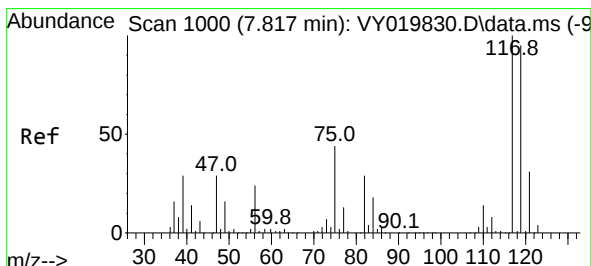
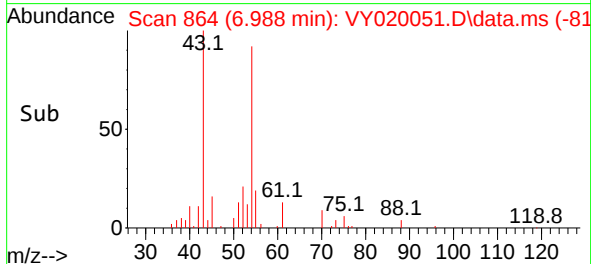
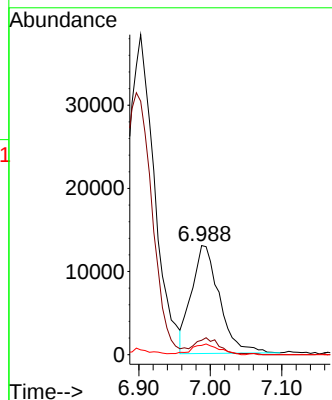
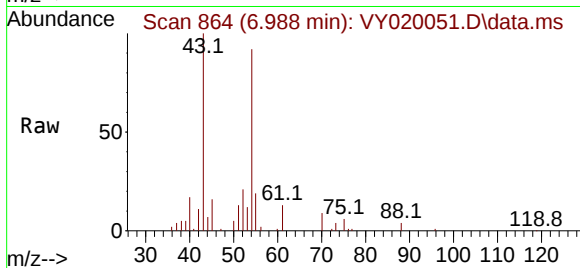
Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	35245
Ion	Ratio	Lower	Upper
43	100		
61	11.6	12.6	19.0#
70	9.7	7.8	11.8



#38

Carbon Tetrachloride

Concen: 20.035 ug/l

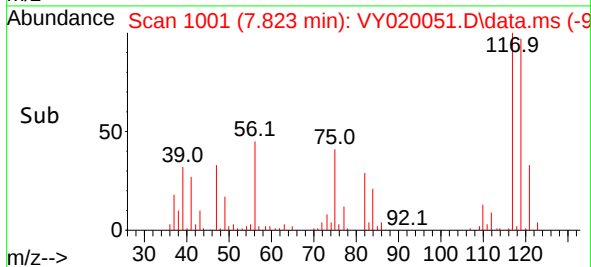
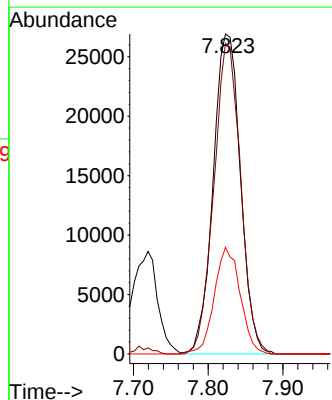
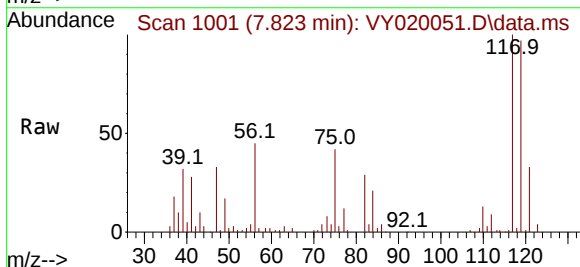
RT: 7.823 min Scan# 1001

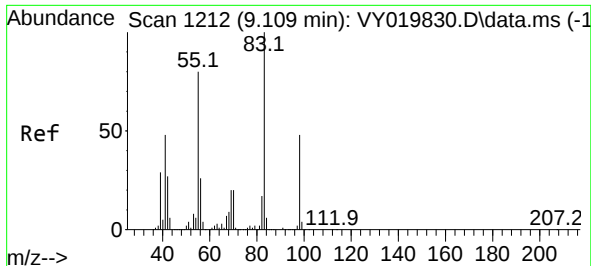
Delta R.T. 0.006 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Tgt Ion:	117	Resp:	68239
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.6
121	33.3	24.0	36.0





#39

Methylcyclohexane

Concen: 16.128 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

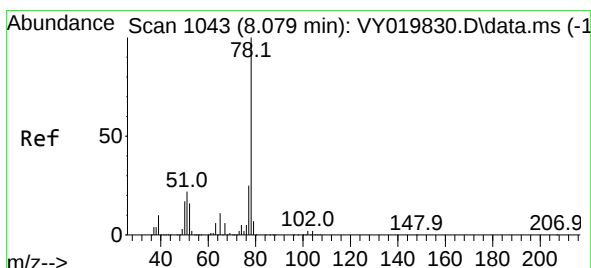
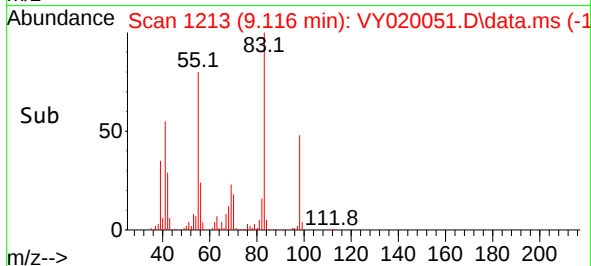
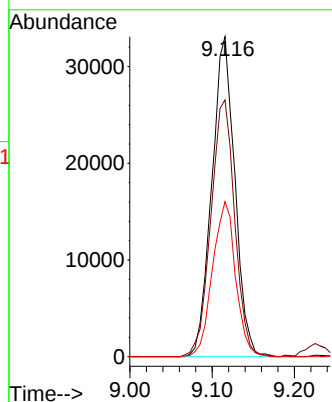
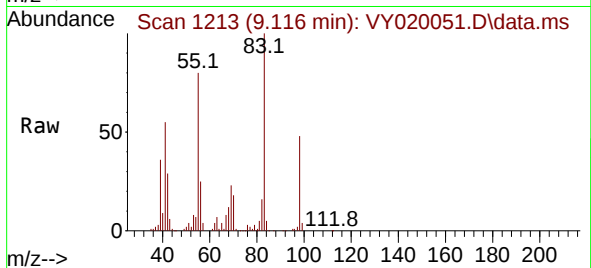
Tgt Ion: 83 Resp: 64562

Ion Ratio Lower Upper

83 100

55 80.3 51.5 77.3#

98 48.5 40.5 60.7



#40

Benzene

Concen: 19.926 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.013 min

Lab File: VY020051.D

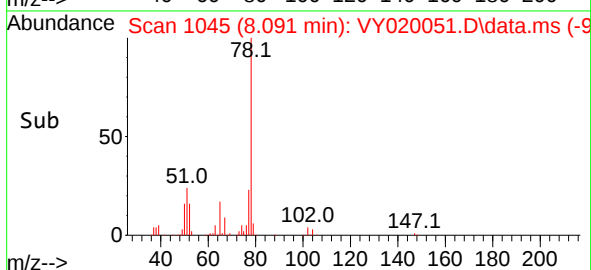
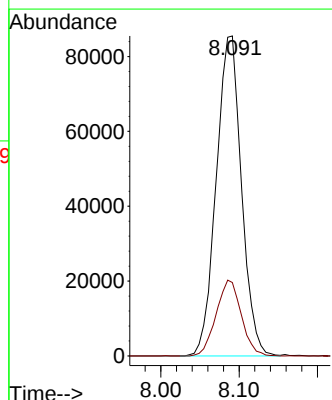
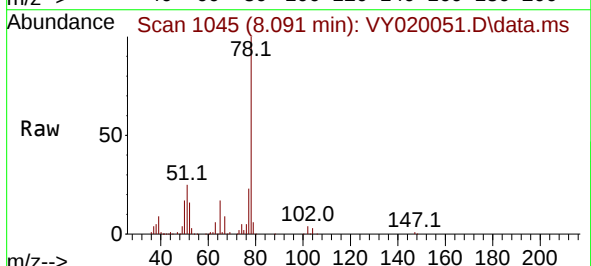
Acq: 29 Oct 2024 11:04

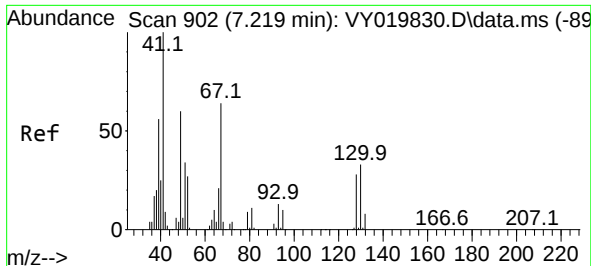
Tgt Ion: 78 Resp: 191595

Ion Ratio Lower Upper

78 100

77 22.9 19.5 29.3

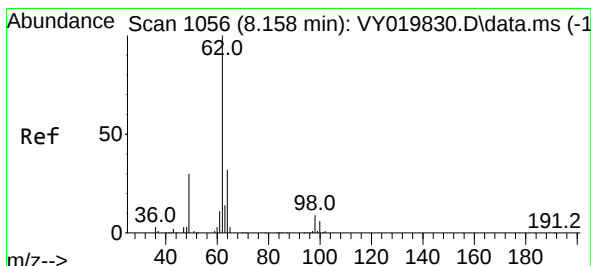
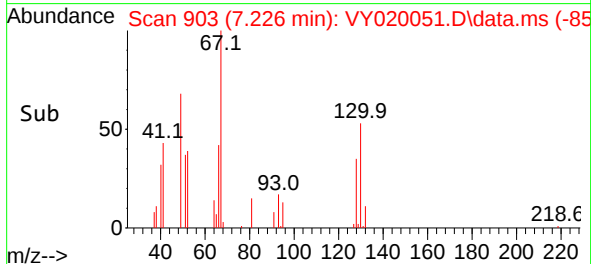
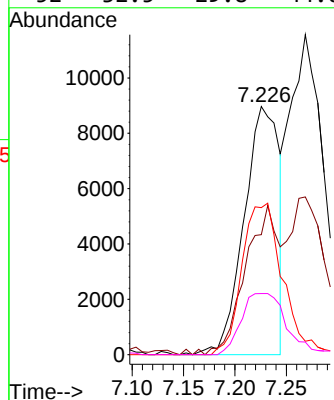
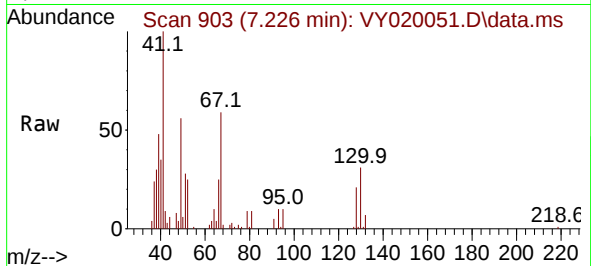




#41
Methacrylonitrile
Concen: 23.674 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

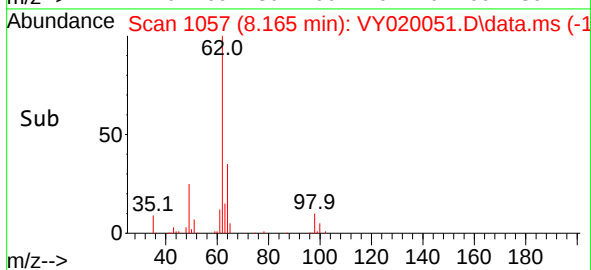
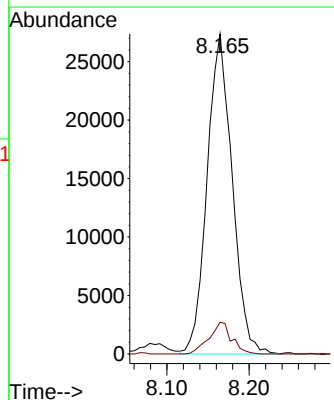
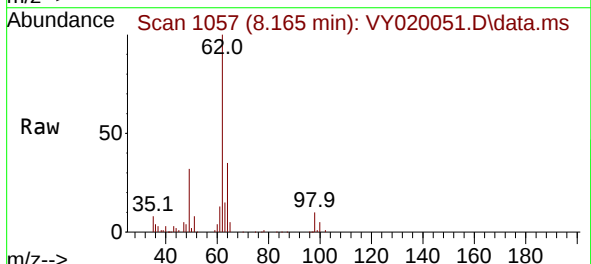
Instrument :
MSVOA_Y
ClientSampleId :

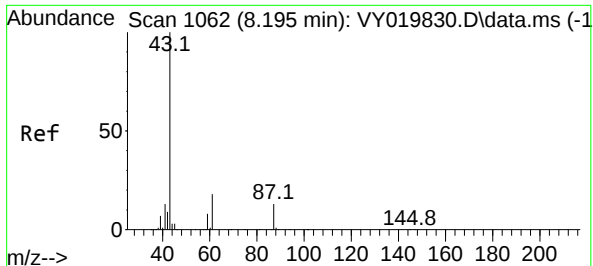
Tgt Ion: 41 Resp: 21227
Ion Ratio Lower Upper
41 100
39 56.8 48.0 72.0
67 70.9 75.1 112.7#
52 32.5 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.012 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 62 Resp: 58042
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.0

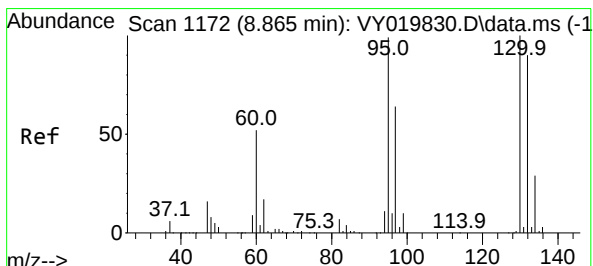
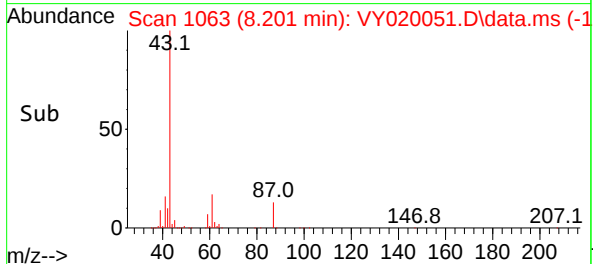
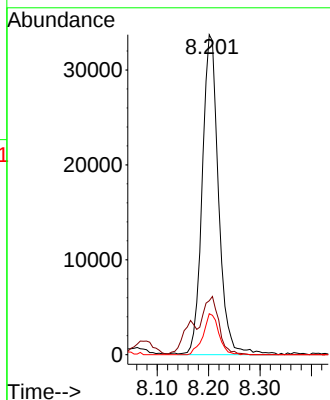
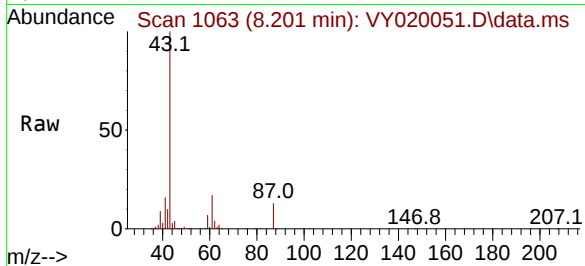




#43
Isopropyl Acetate
Concen: 21.989 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

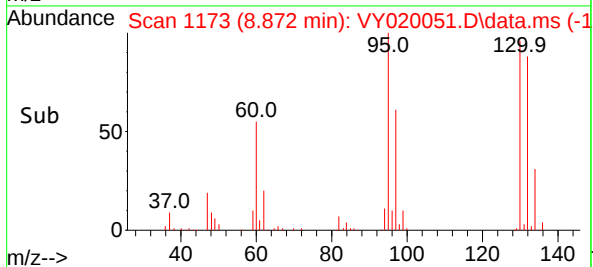
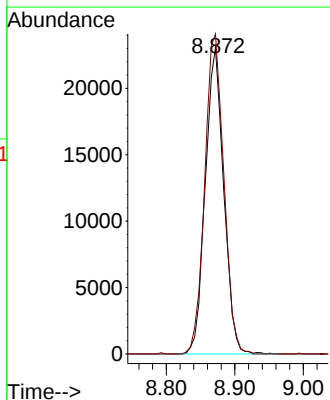
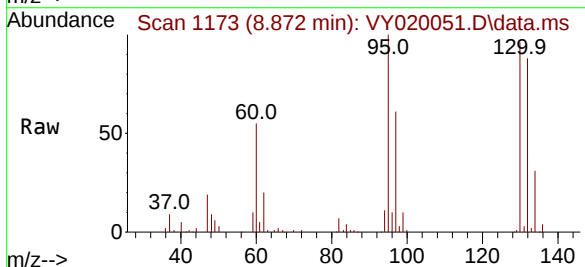
Instrument :
MSVOA_Y
ClientSampleId :

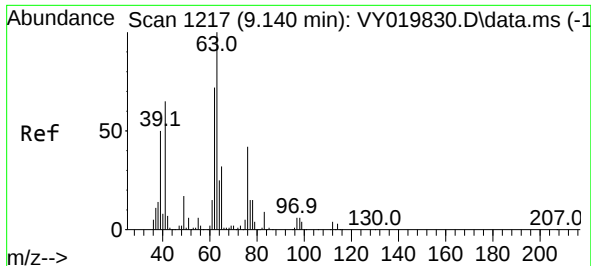
Tgt Ion: 43 Resp: 74293
Ion Ratio Lower Upper
43 100
61 18.3 27.9 41.9#
87 12.3 13.1 19.7#



#44
Trichloroethene
Concen: 18.560 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion:130 Resp: 43223
Ion Ratio Lower Upper
130 100
95 104.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.518 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

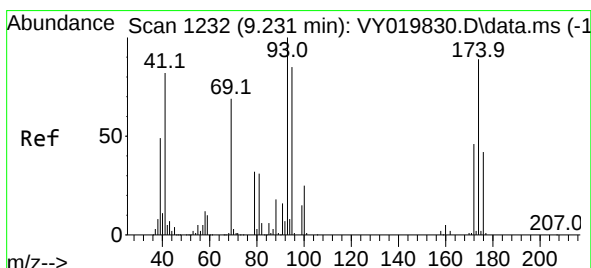
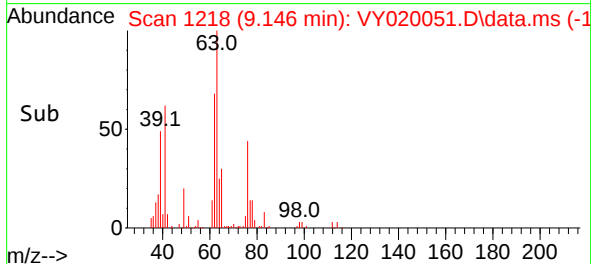
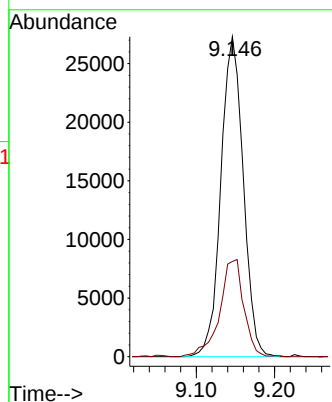
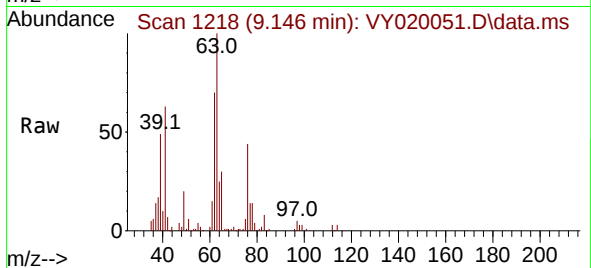
ClientSampleId :

Tgt Ion: 63 Resp: 54194

Ion Ratio Lower Upper

63 100

65 29.7 25.4 38.2



#46

Dibromomethane

Concen: 20.745 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

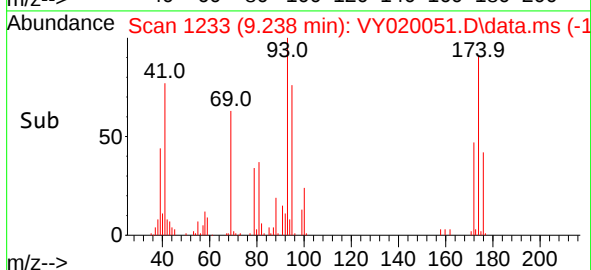
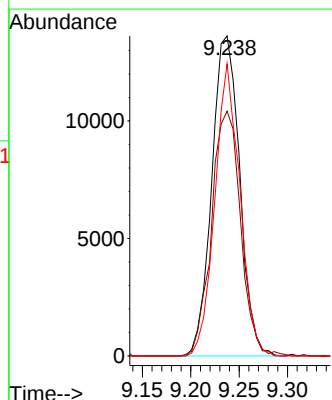
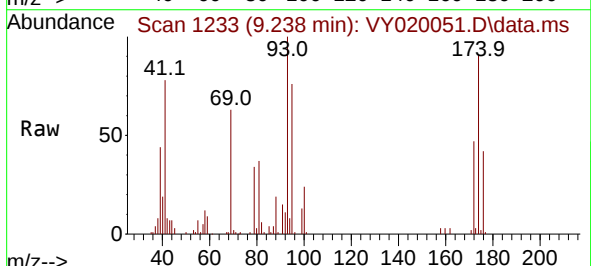
Tgt Ion: 93 Resp: 27278

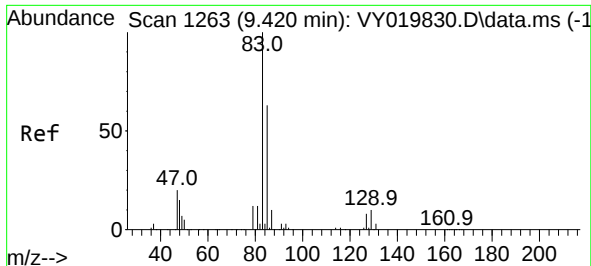
Ion Ratio Lower Upper

93 100

95 79.8 66.2 99.4

174 82.1 80.9 121.3

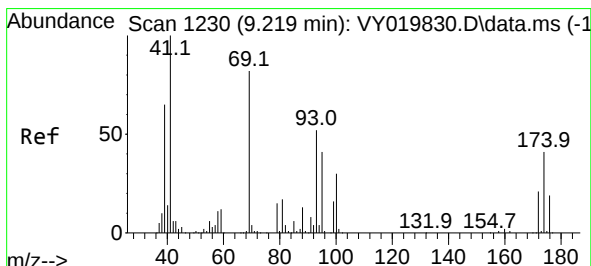
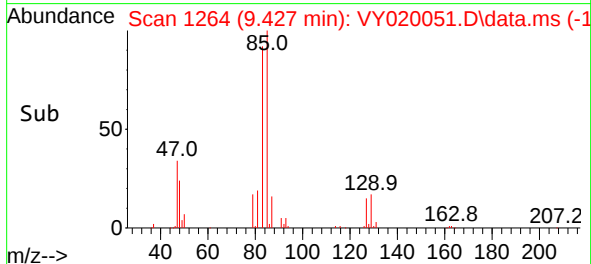
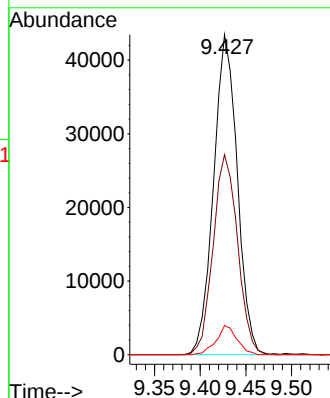
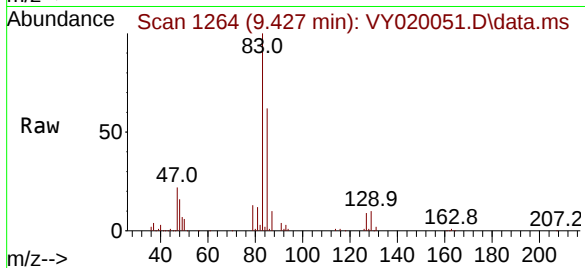




#47
Bromodichloromethane
Concen: 22.484 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

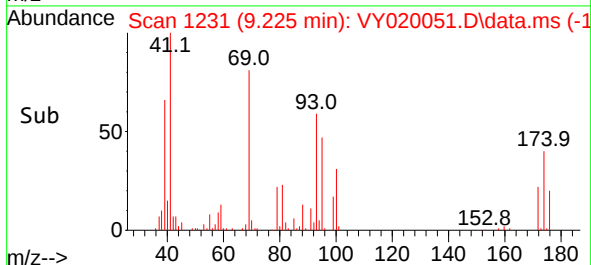
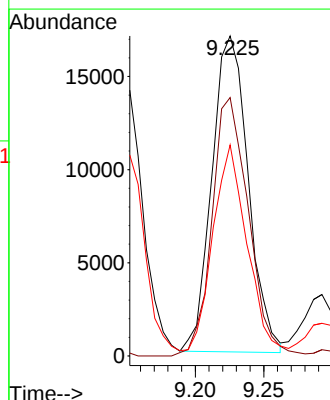
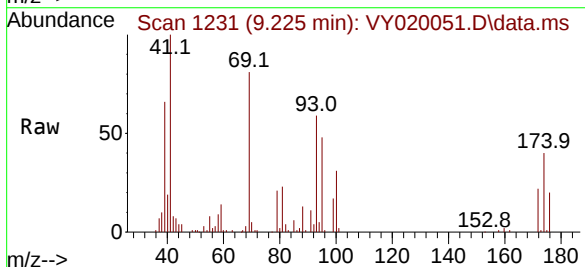
Instrument :
MSVOA_Y
ClientSampleId :

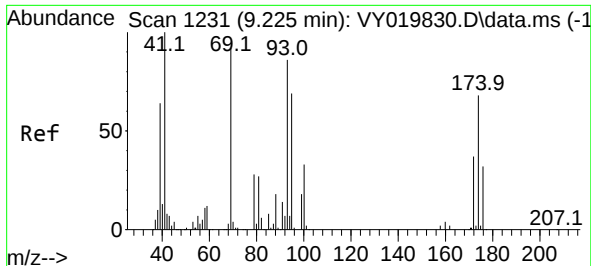
Tgt Ion: 83 Resp: 78474
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 9.1 7.4 11.0



#48
Methyl methacrylate
Concen: 21.071 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.007 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 41 Resp: 31316
Ion Ratio Lower Upper
41 100
69 81.9 84.1 126.1#
39 60.3 43.6 65.4





#49

1,4-Dioxane

Concen: 449.354 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

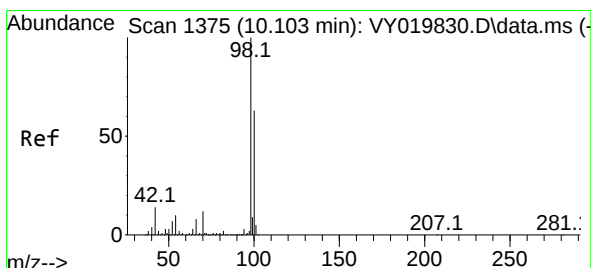
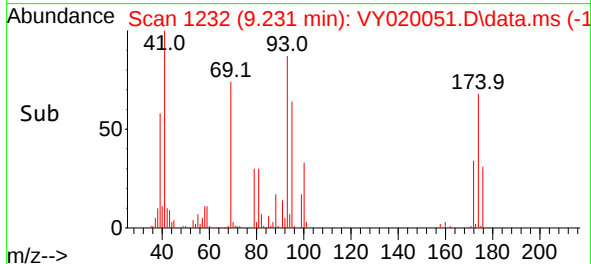
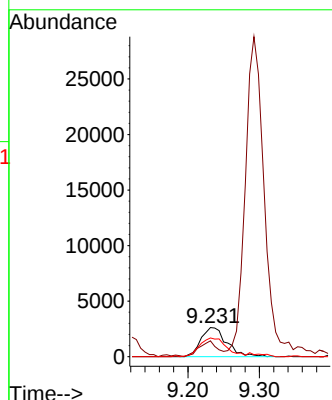
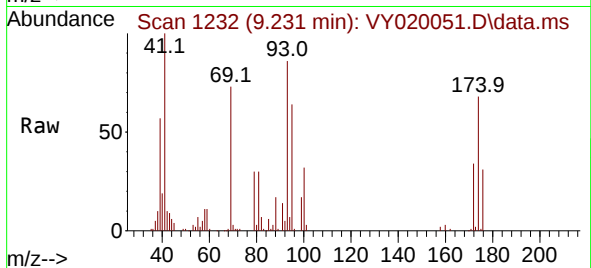
Tgt Ion: 88 Resp: 6613

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 66.8 49.3 73.9



#50

Toluene-d8

Concen: 50.270 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020051.D

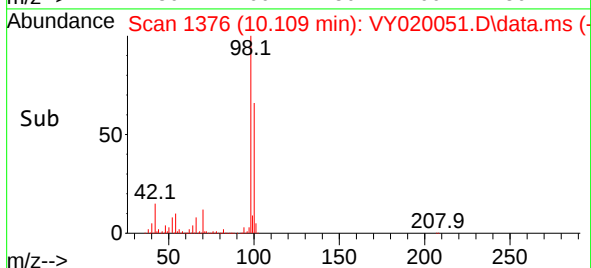
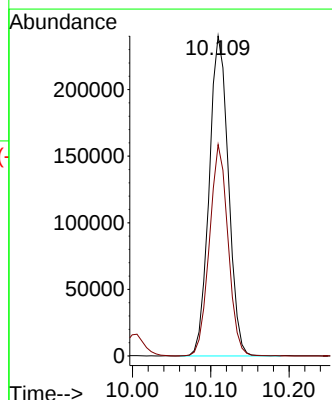
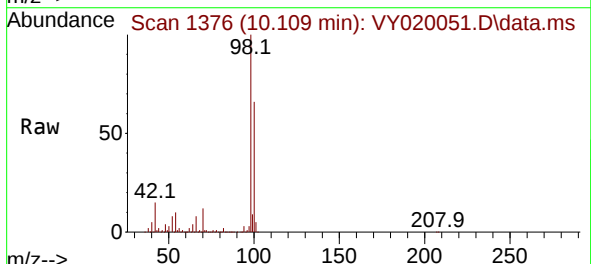
Acq: 29 Oct 2024 11:04

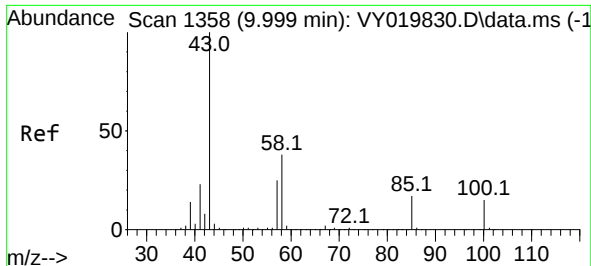
Tgt Ion: 98 Resp: 409396

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 117.057 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

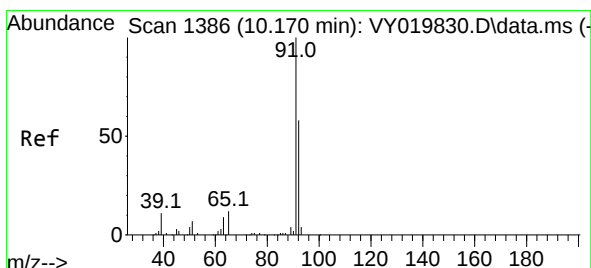
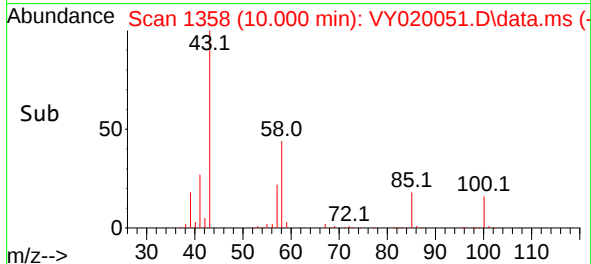
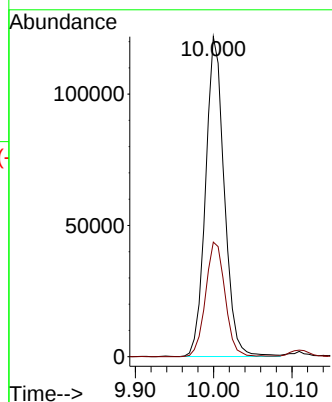
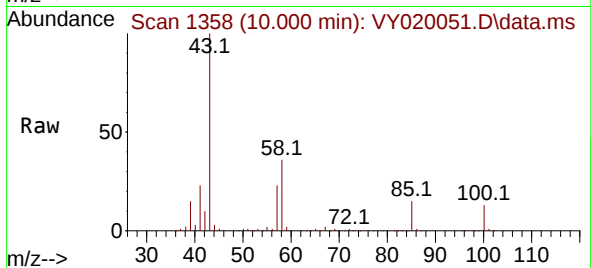
ClientSampleId :

Tgt Ion: 43 Resp: 201726

Ion Ratio Lower Upper

43 100

58 37.5 35.7 53.5



#52

Toluene

Concen: 20.378 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020051.D

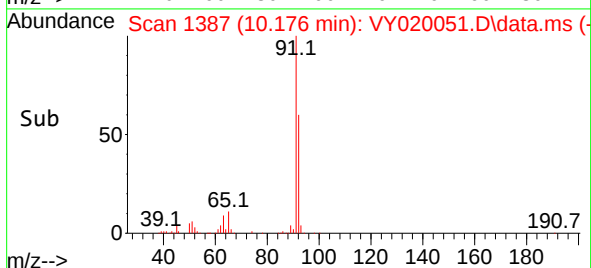
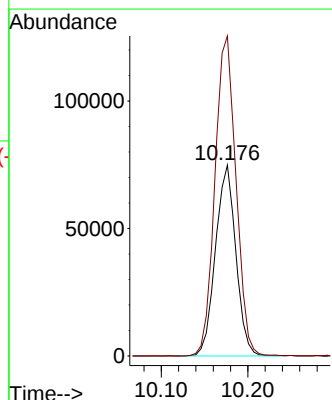
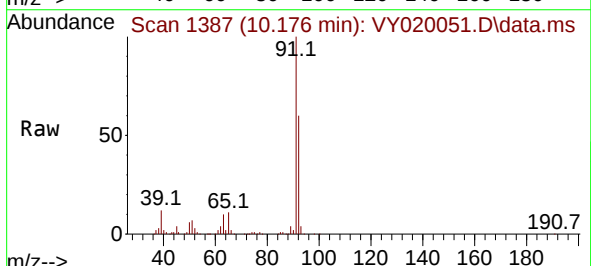
Acq: 29 Oct 2024 11:04

Tgt Ion: 92 Resp: 122305

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.6

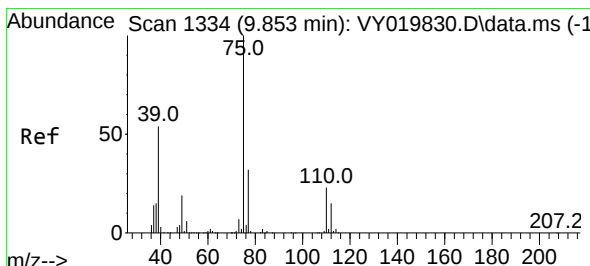
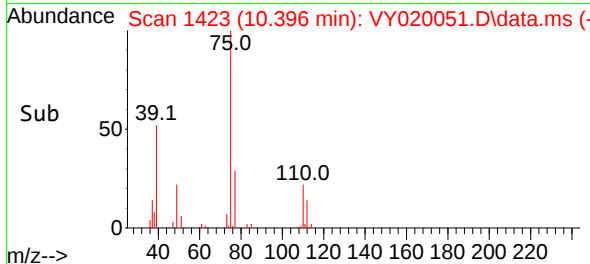
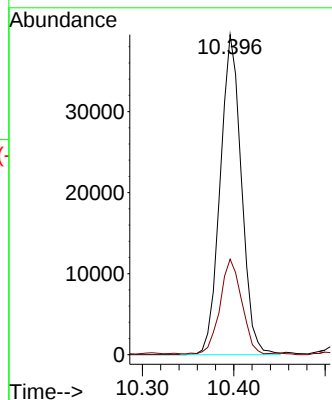
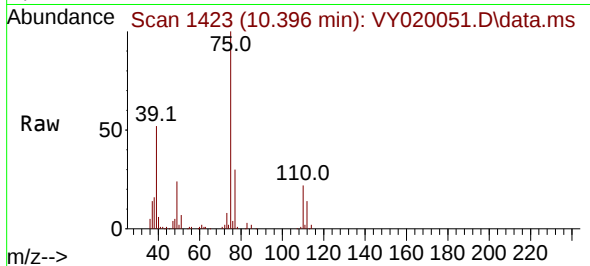




#53
 t-1,3-Dichloropropene
 Concen: 20.356 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

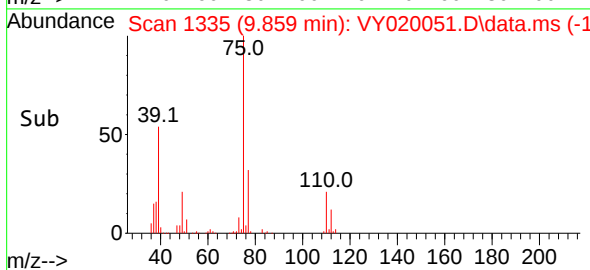
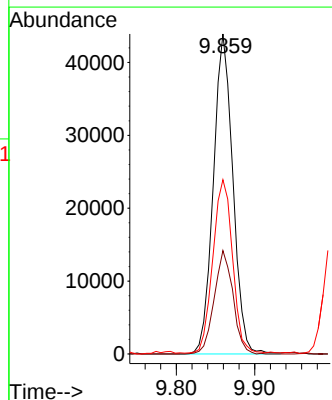
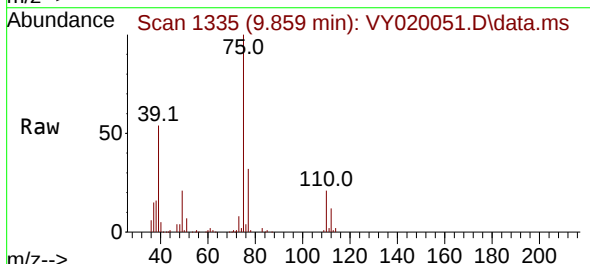
Instrument :
 MSVOA_Y
 ClientSampleId :

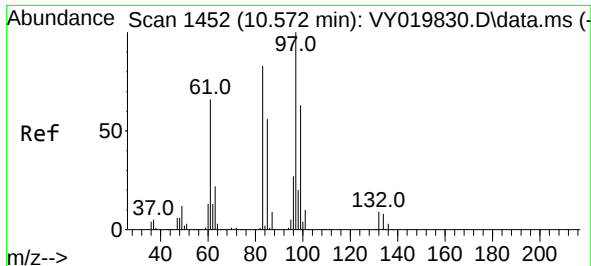
Tgt Ion: 75 Resp: 63925
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.551 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

Tgt Ion: 75 Resp: 76149
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 54.1 29.8 44.6#

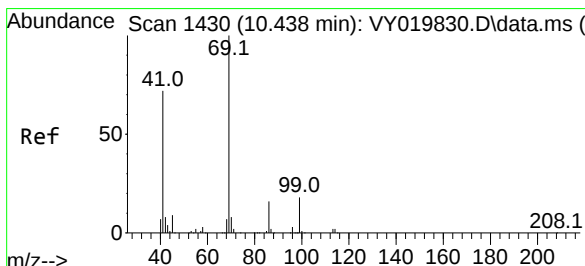
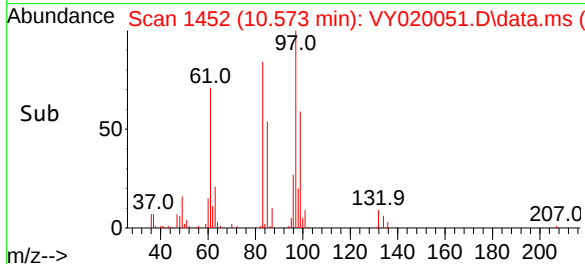
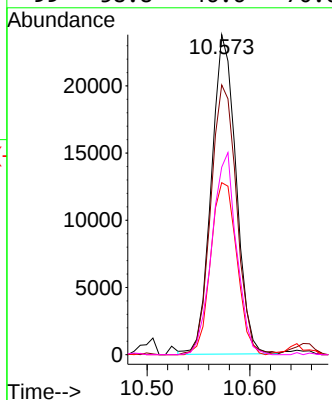
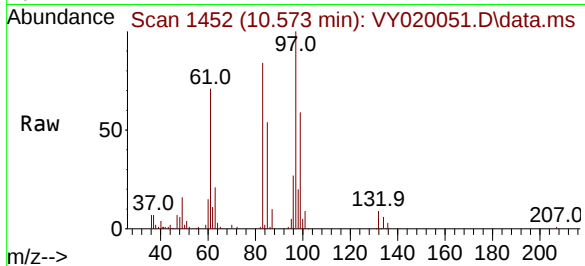




#55
 1,1,2-Trichloroethane
 Concen: 22.839 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

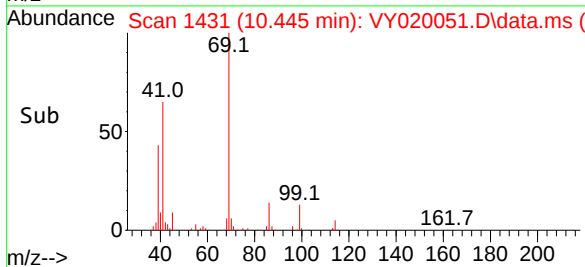
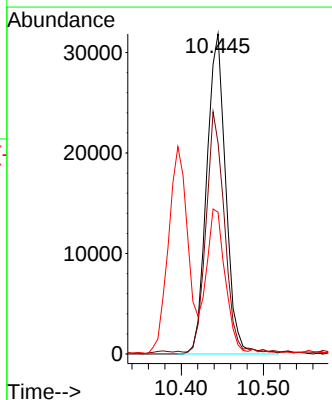
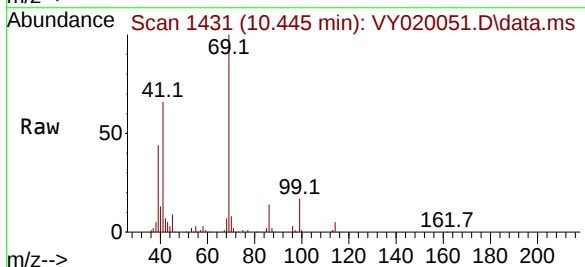
Instrument :
 MSVOA_Y
 ClientSampleId :

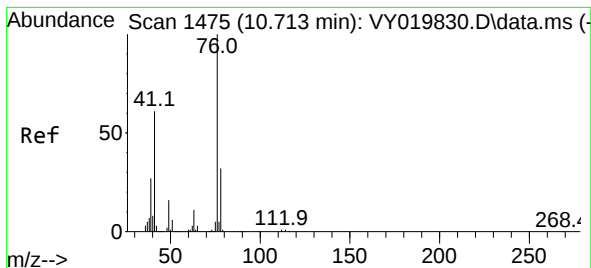
Tgt Ion:	97	Resp:	39566
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.5	101.3
85	53.9	42.9	64.3
99	58.8	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 20.655 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. 0.007 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

Tgt Ion:	69	Resp:	51345
Ion	Ratio	Lower	Upper
69	100		
41	71.5	42.3	63.5#
39	43.1	22.9	34.3#

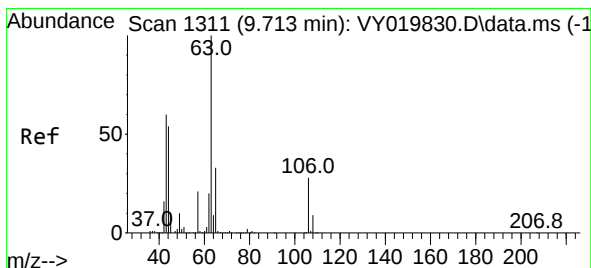
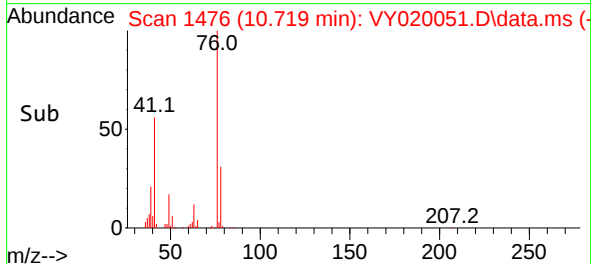
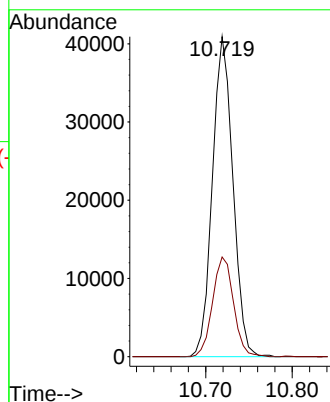
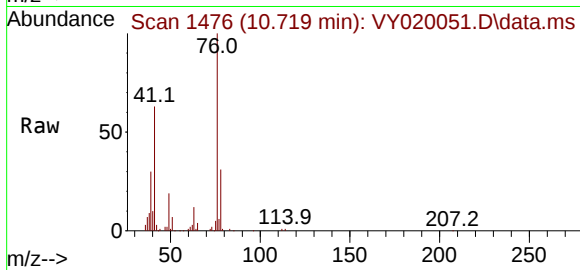




#57
1,3-Dichloropropane
Concen: 22.105 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

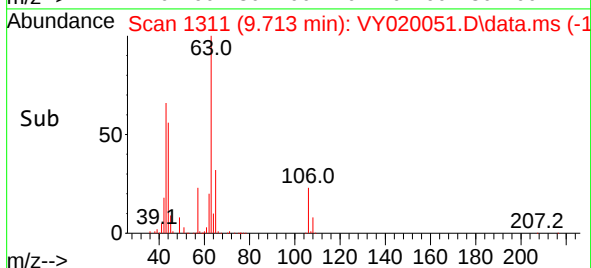
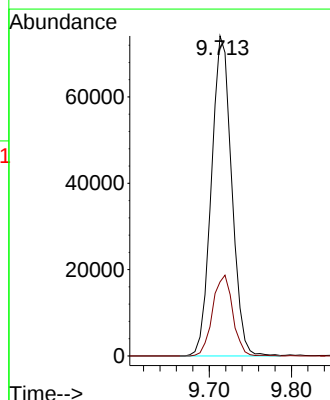
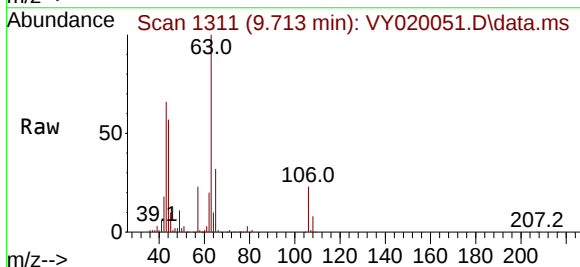
Instrument :
MSVOA_Y
ClientSampleId :

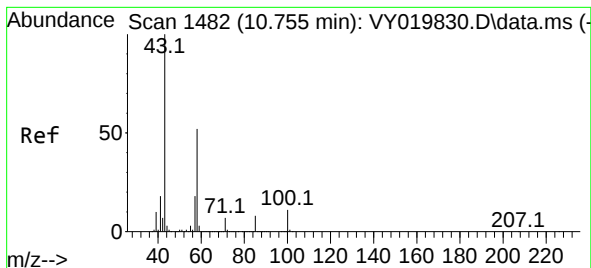
Tgt Ion: 76 Resp: 67251
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 109.883 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 63 Resp: 127158
Ion Ratio Lower Upper
63 100
106 25.0 23.7 35.5

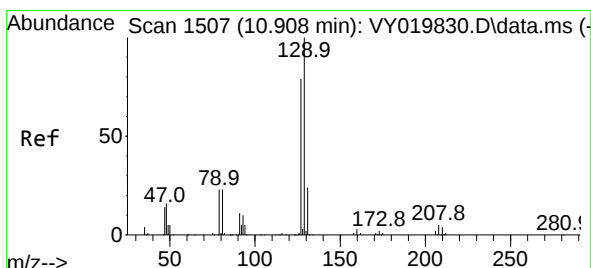
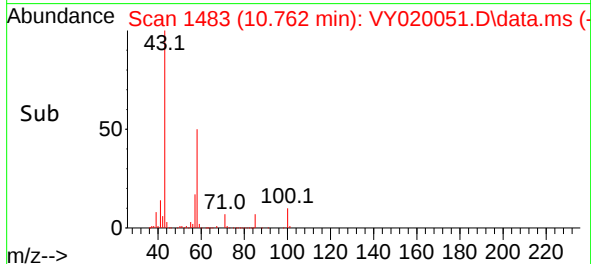
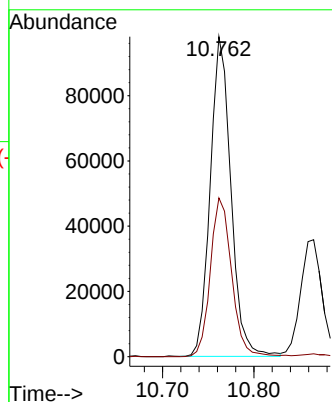
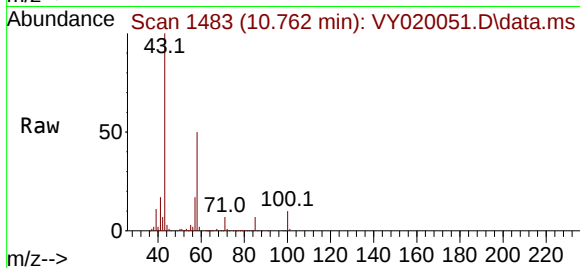




#59
2-Hexanone
Concen: 125.055 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

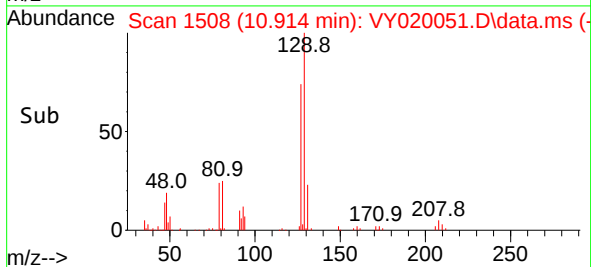
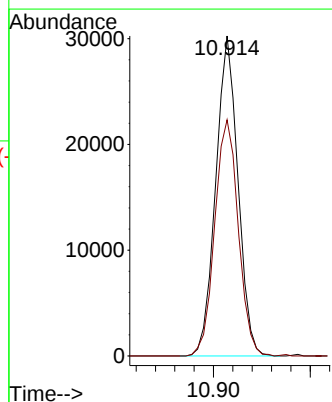
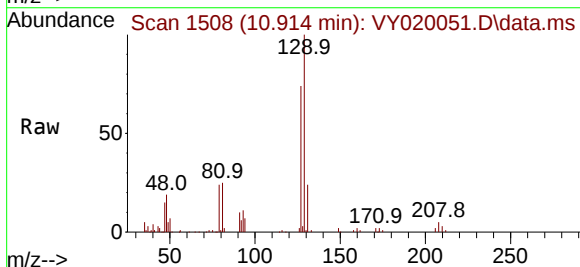
Instrument :
MSVOA_Y
ClientSampleId :

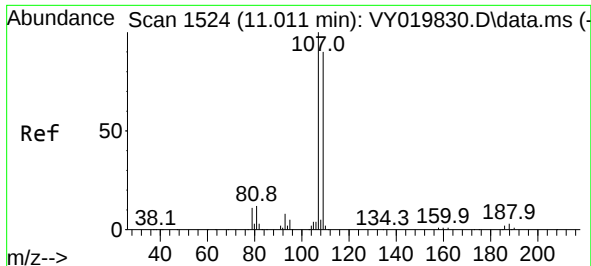
Tgt Ion: 43 Resp: 153924
Ion Ratio Lower Upper
43 100
58 51.2 31.4 94.0



#60
Dibromochloromethane
Concen: 21.667 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 129 Resp: 48177
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

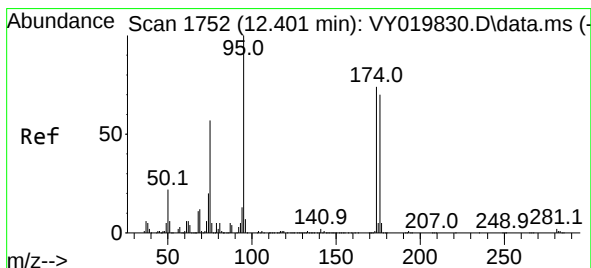
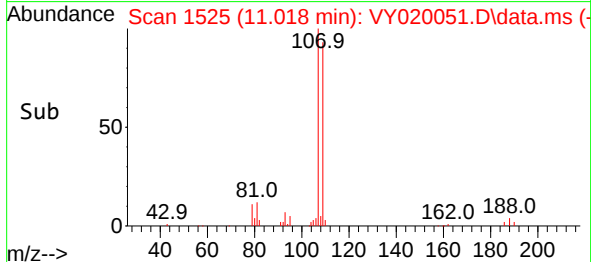
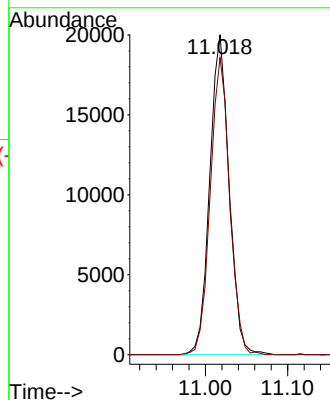
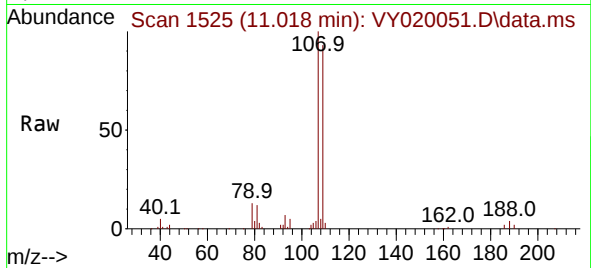




#61
1,2-Dibromoethane
Concen: 20.929 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

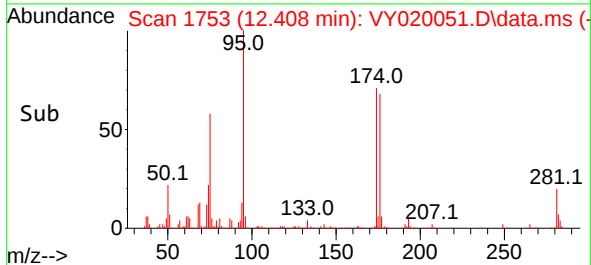
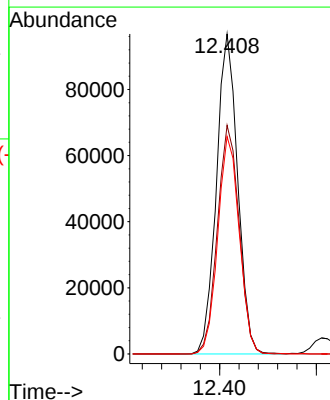
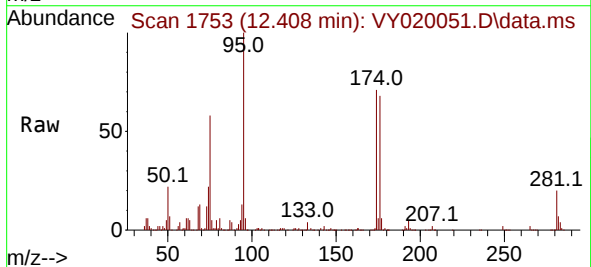
Instrument :
MSVOA_Y
ClientSampleId :

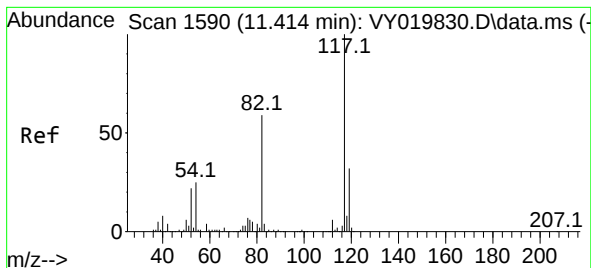
Tgt Ion:107 Resp: 32764
Ion Ratio Lower Upper
107 100
109 92.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.984 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 95 Resp: 147085
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 68.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

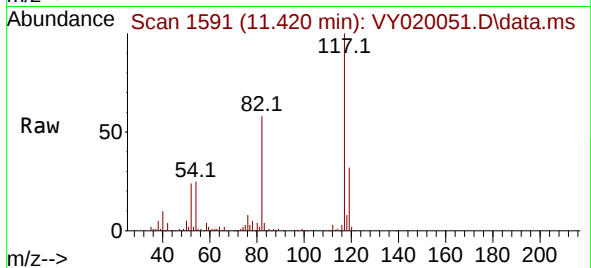
Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :



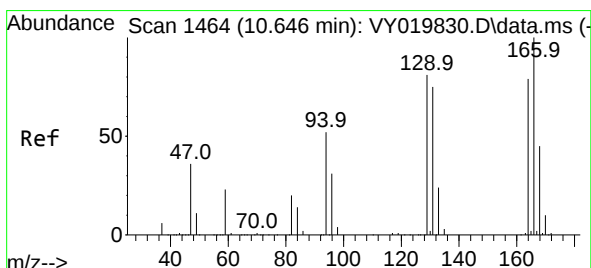
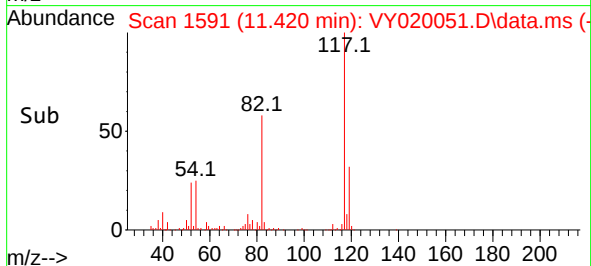
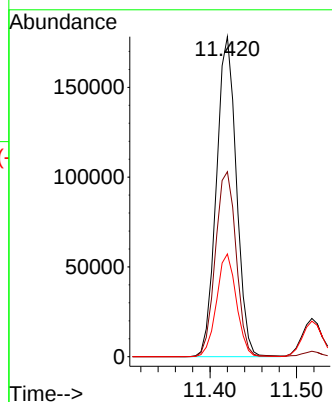
Tgt Ion:117 Resp: 285725

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 17.784 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Tgt Ion:164 Resp: 36142

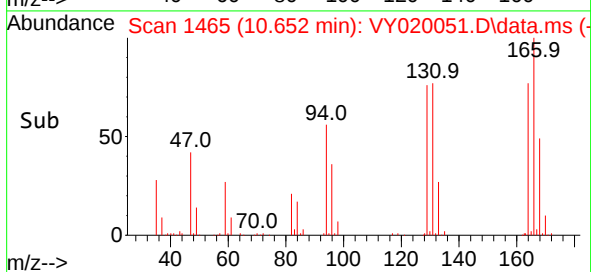
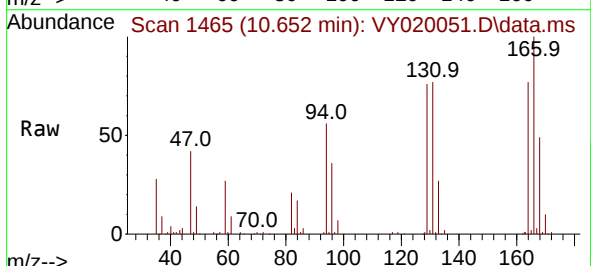
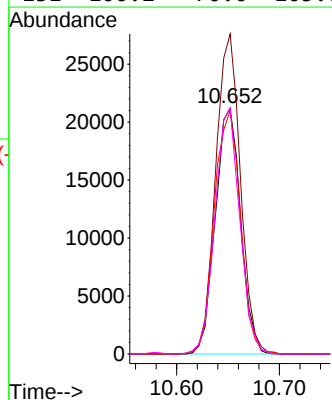
Ion Ratio Lower Upper

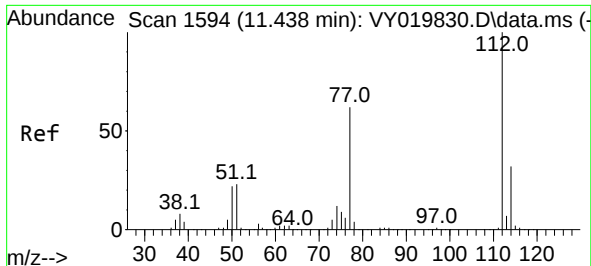
164 100

166 130.3 102.6 154.0

129 99.1 72.0 108.0

131 100.2 70.0 105.0

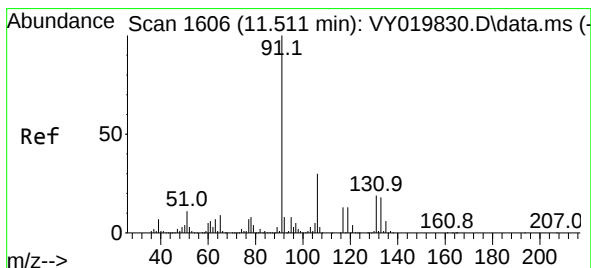
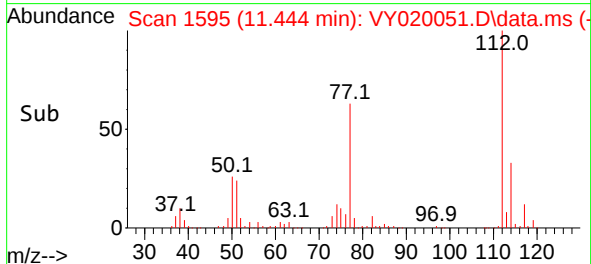
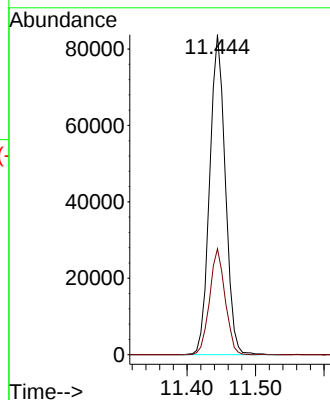
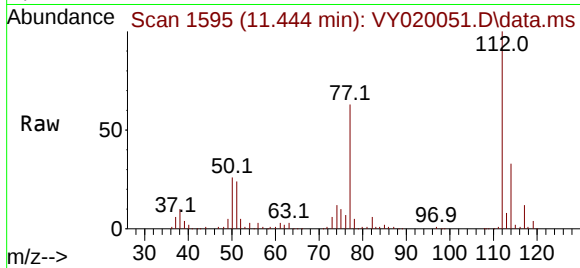




#65
Chlorobenzene
Concen: 20.307 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

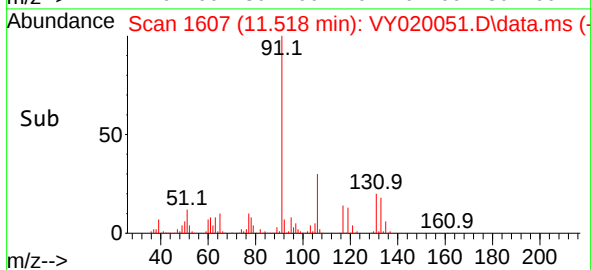
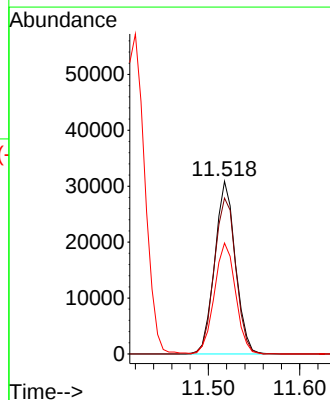
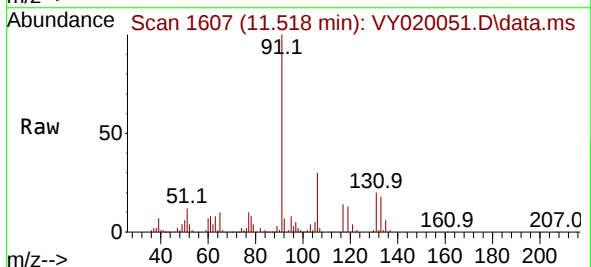
Instrument :
MSVOA_Y
ClientSampleId :

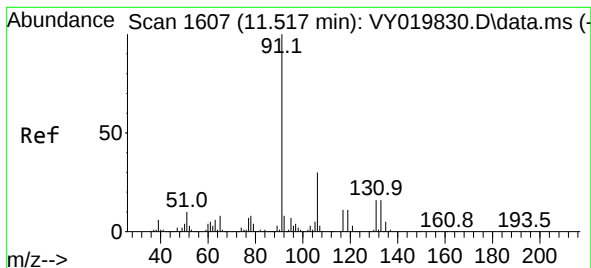
Tgt Ion:112 Resp: 132709
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.999 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion:131 Resp: 48642
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 65.7 34.1 102.2





#67

Ethyl Benzene

Concen: 20.618 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

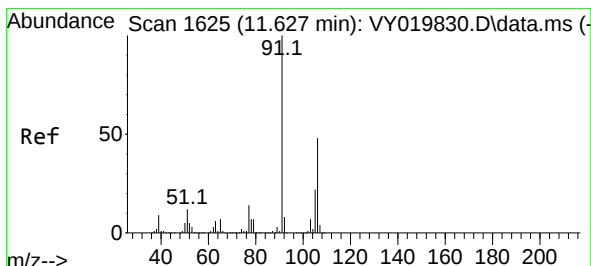
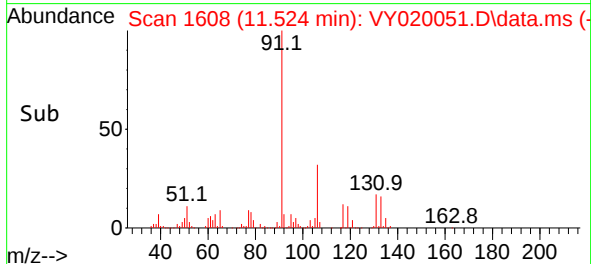
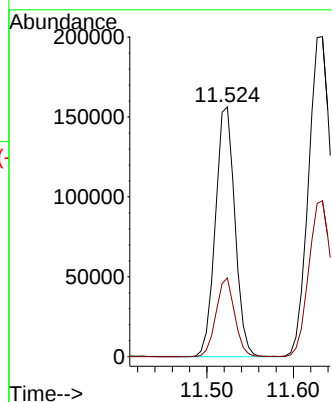
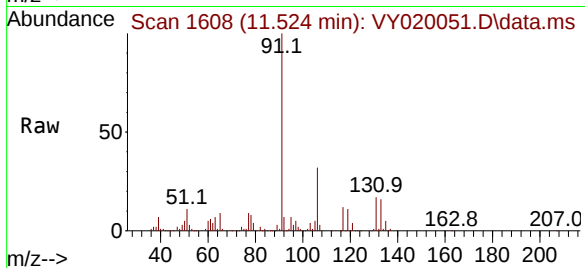
ClientSampleId :

Tgt Ion: 91 Resp: 244765

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 40.803 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020051.D

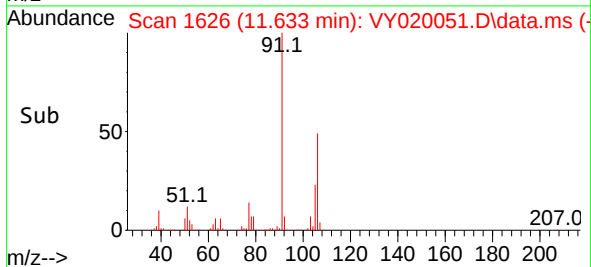
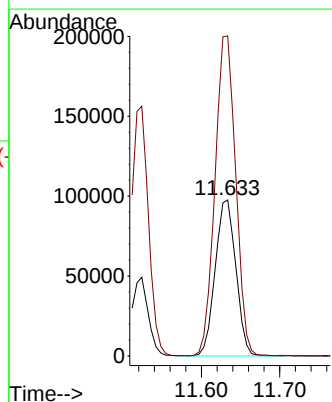
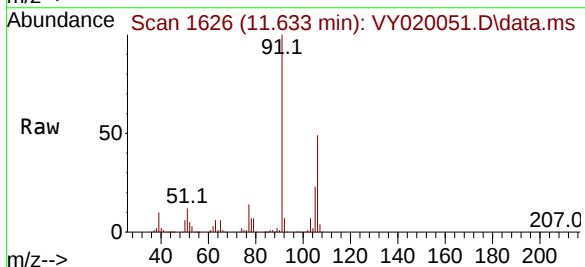
Acq: 29 Oct 2024 11:04

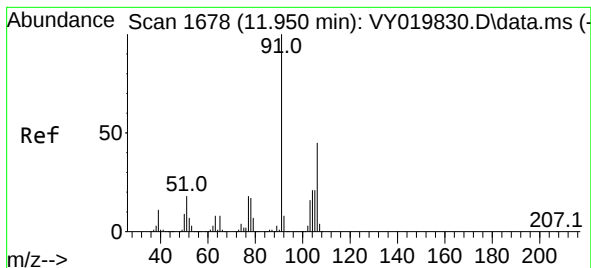
Tgt Ion:106 Resp: 178897

Ion Ratio Lower Upper

106 100

91 206.0 156.0 234.0





#69

o-Xylene

Concen: 20.236 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

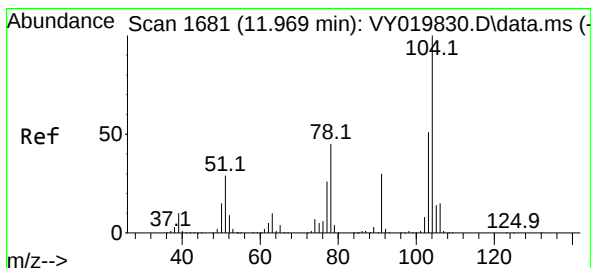
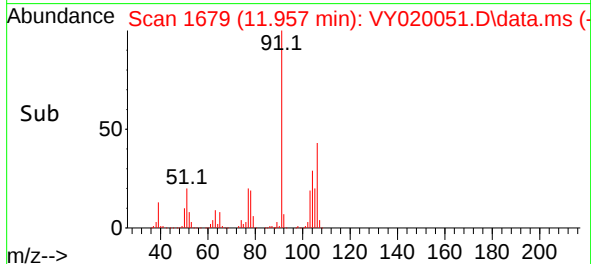
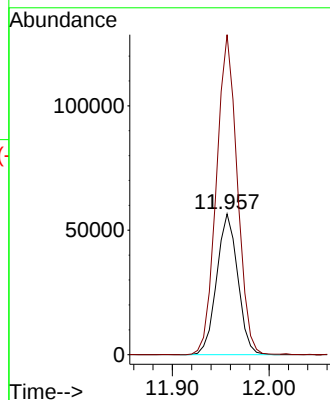
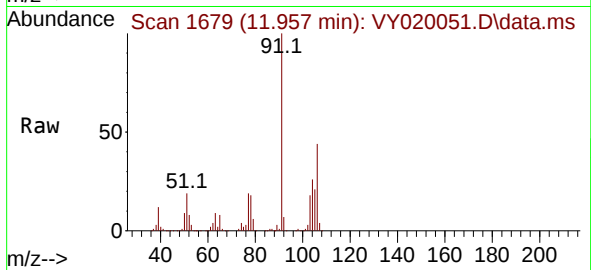
ClientSampleId :

Tgt Ion:106 Resp: 85245

Ion Ratio Lower Upper

106 100

91 225.9 103.6 310.8



#70

Styrene

Concen: 21.155 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

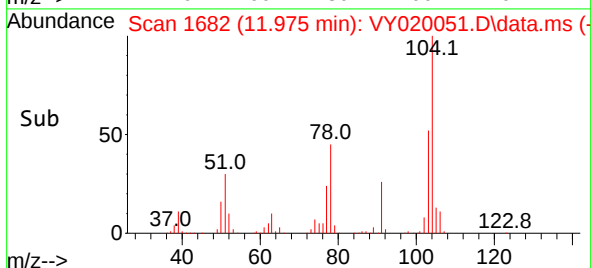
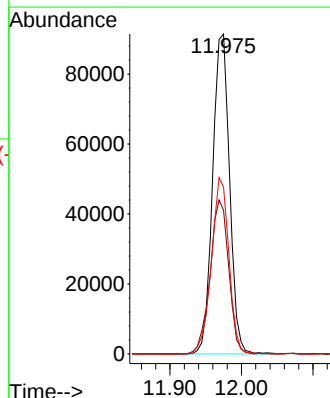
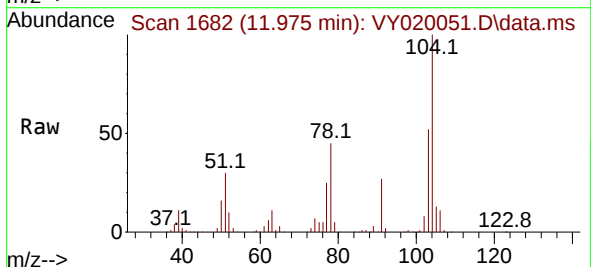
Tgt Ion:104 Resp: 150351

Ion Ratio Lower Upper

104 100

78 52.9 37.0 55.4

103 57.0 44.2 66.2





#71

Bromoform

Concen: 21.695 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

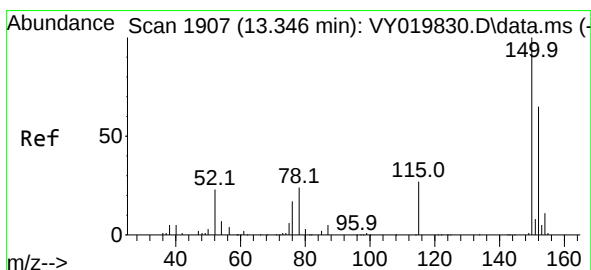
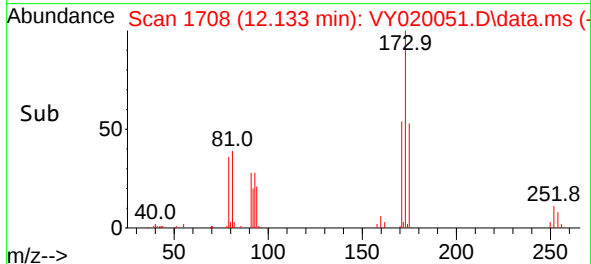
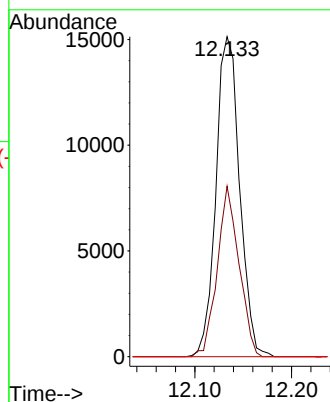
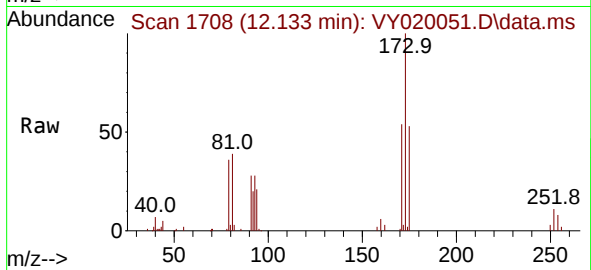
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 25680

Ion	Ratio	Lower	Upper
173	100		
175	49.0	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

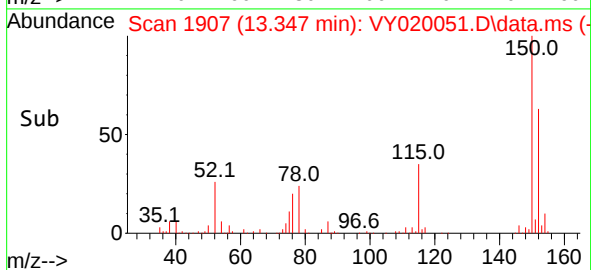
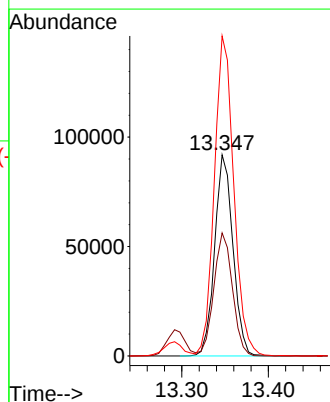
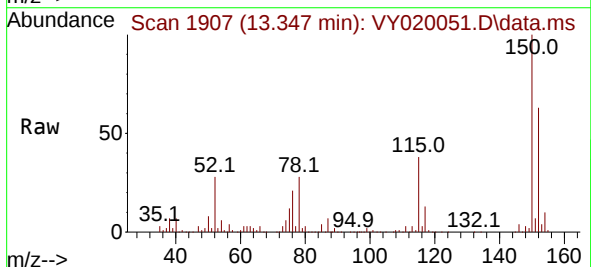
Delta R.T. 0.000 min

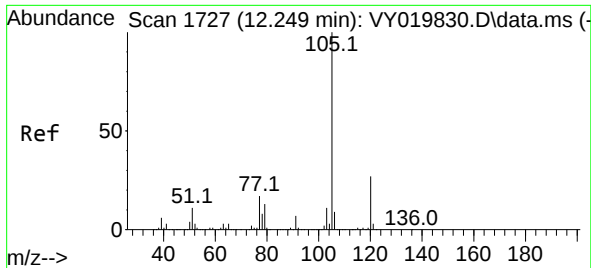
Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Tgt Ion:152 Resp: 134900

Ion	Ratio	Lower	Upper
152	100		
115	62.2	28.2	84.7
150	168.9	0.0	345.6

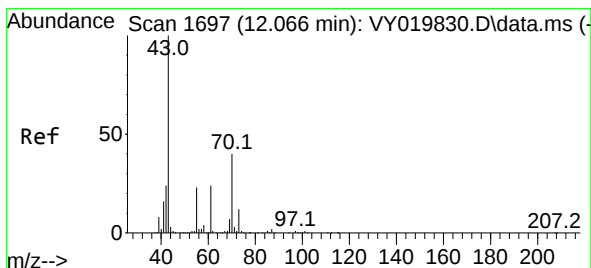
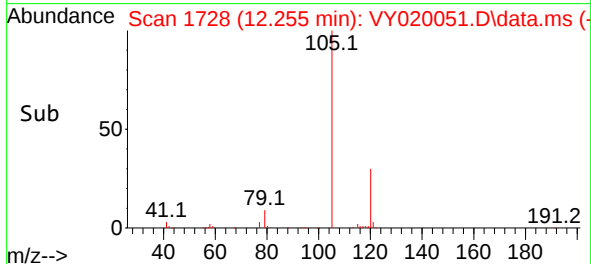
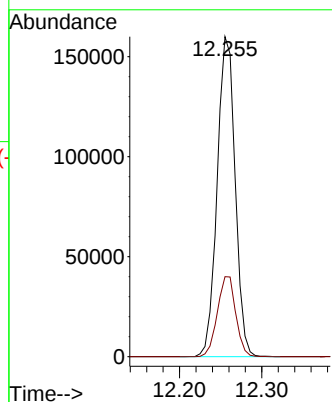
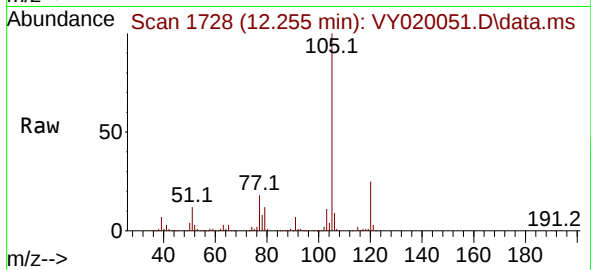




#73
Isopropylbenzene
Concen: 21.421 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

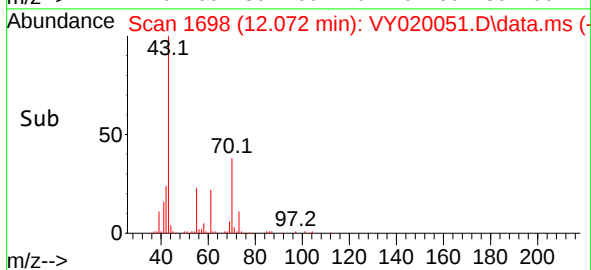
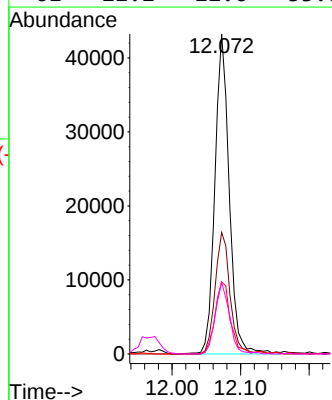
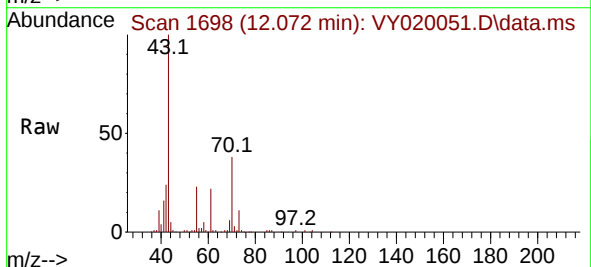
Instrument :
MSVOA_Y
ClientSampleId :

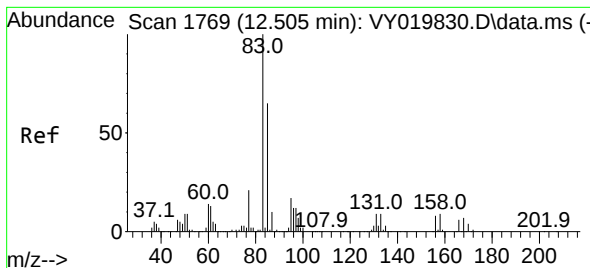
Tgt Ion:105 Resp: 243064
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 20.944 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 43 Resp: 62944
Ion Ratio Lower Upper
43 100
70 39.2 41.4 62.2#
55 24.2 23.3 34.9
61 22.2 22.6 33.8#





#75

1,1,2-Tetrachloroethane

Concen: 23.916 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

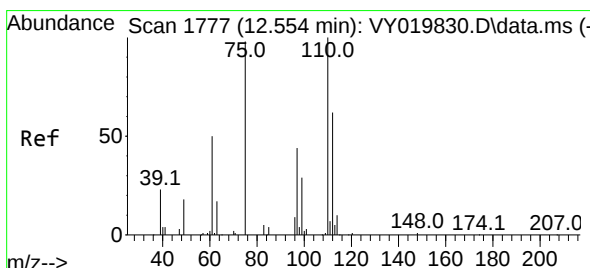
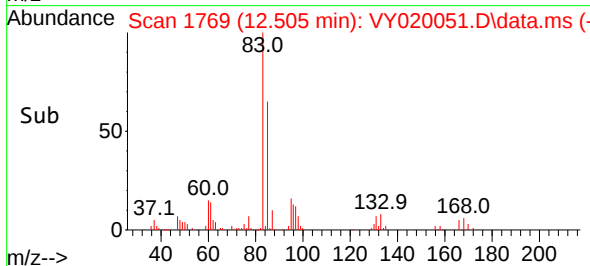
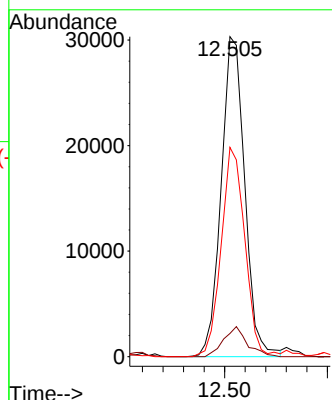
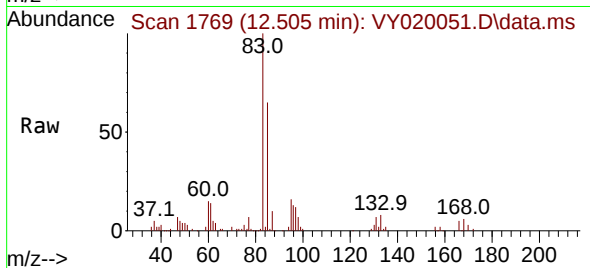
Tgt Ion: 83 Resp: 48220

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 22.108 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020051.D

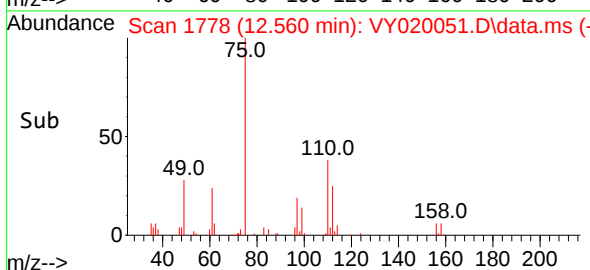
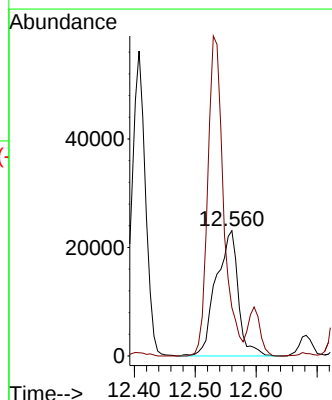
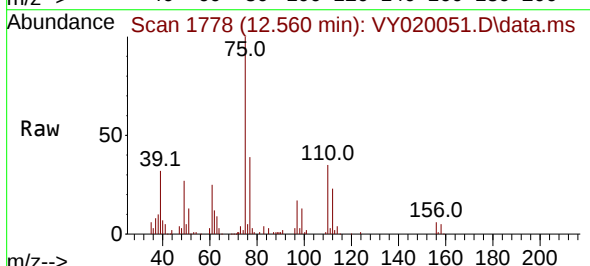
Acq: 29 Oct 2024 11:04

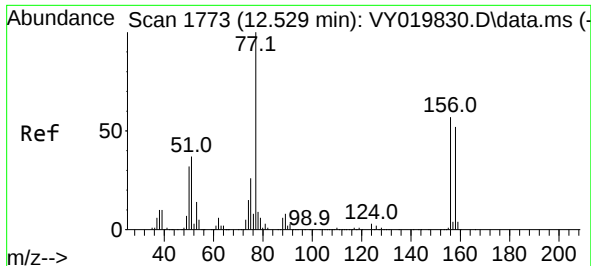
Tgt Ion: 75 Resp: 58425

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

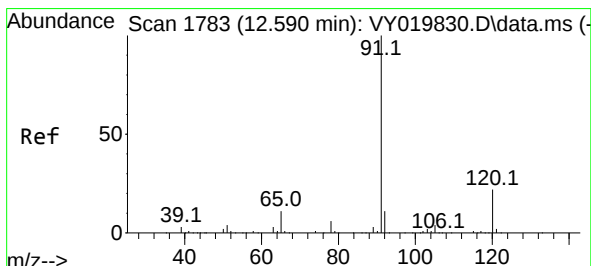
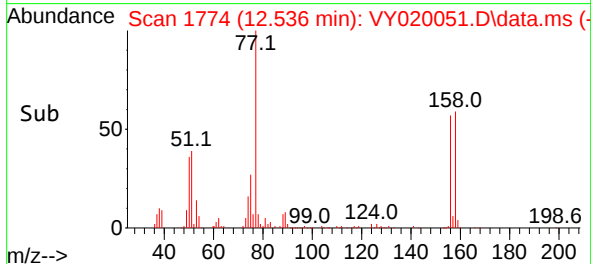
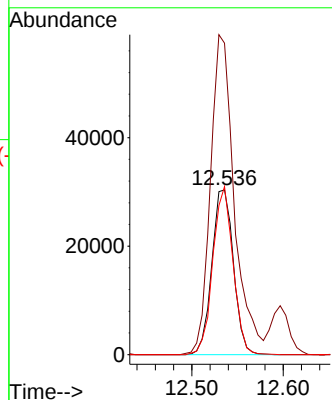
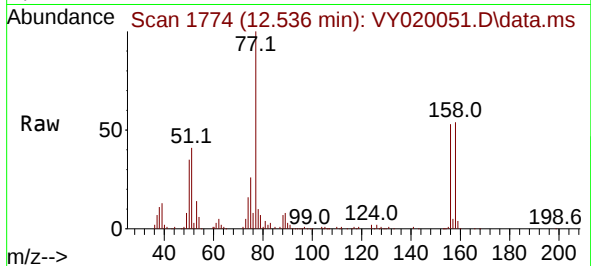




#77
Bromobenzene
Concen: 20.643 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

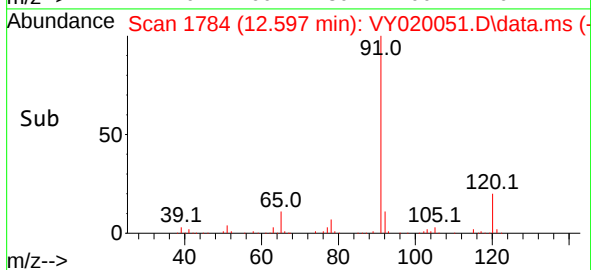
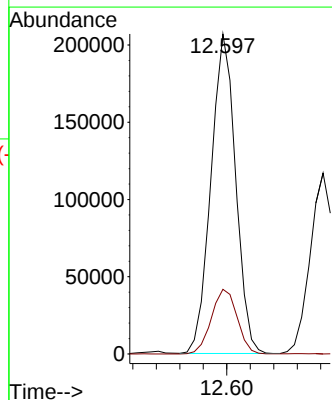
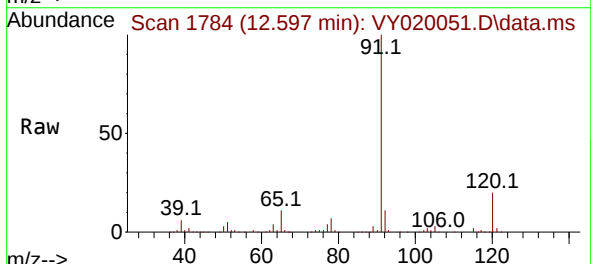
Instrument :
MSVOA_Y
ClientSampleId :

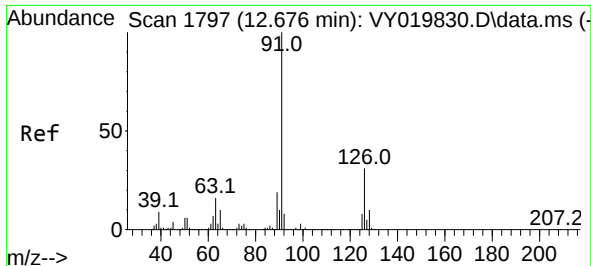
Tgt Ion:156 Resp: 49706
Ion Ratio Lower Upper
156 100
77 214.9 87.1 261.3
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 22.046 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 91 Resp: 302261
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.757 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

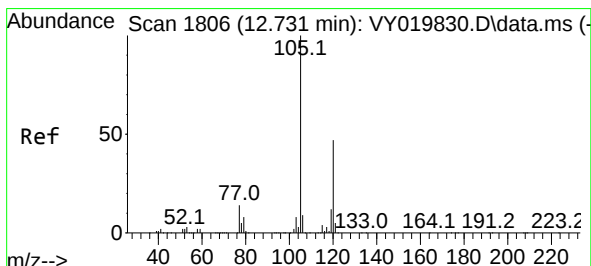
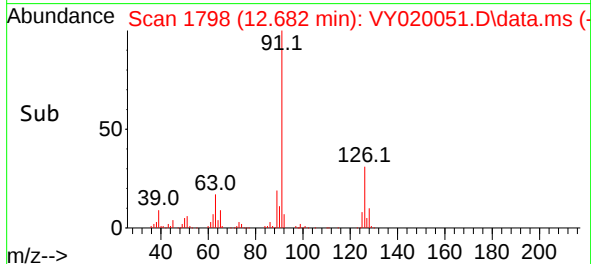
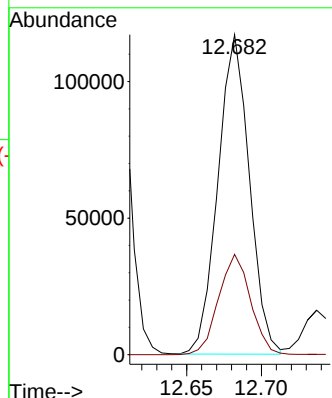
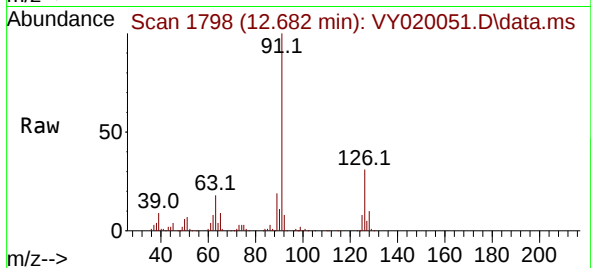
ClientSampleId :

Tgt Ion: 91 Resp: 171019

Ion Ratio Lower Upper

91 100

126 31.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.315 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020051.D

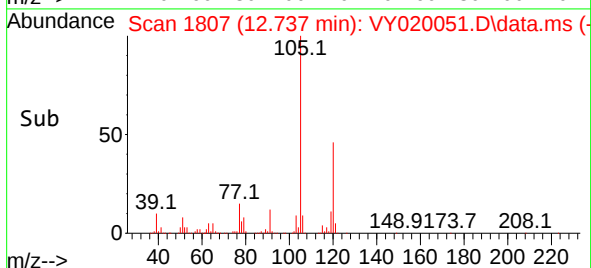
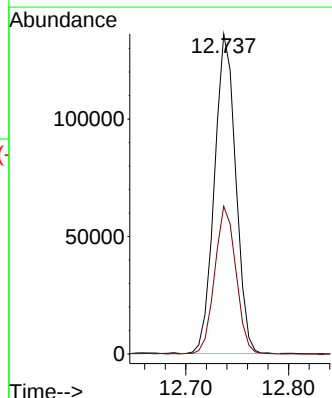
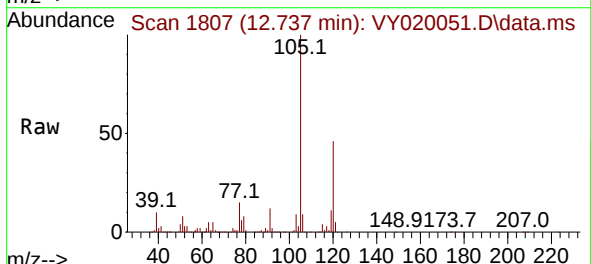
Acq: 29 Oct 2024 11:04

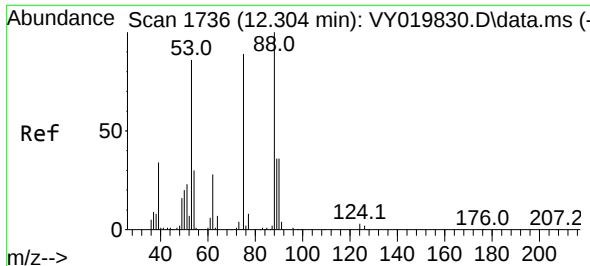
Tgt Ion: 105 Resp: 195325

Ion Ratio Lower Upper

105 100

120 46.1 25.1 75.2

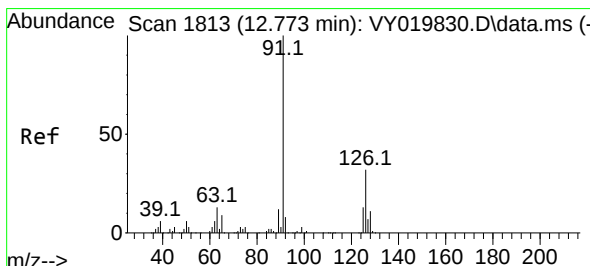
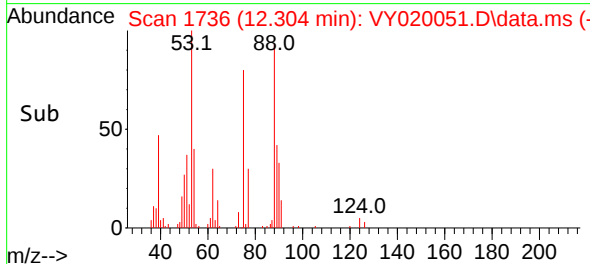
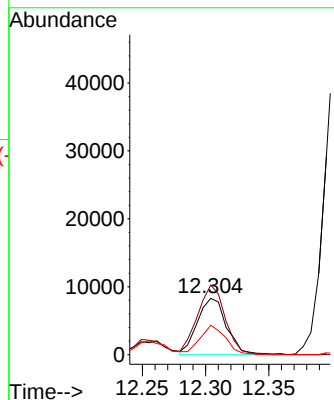
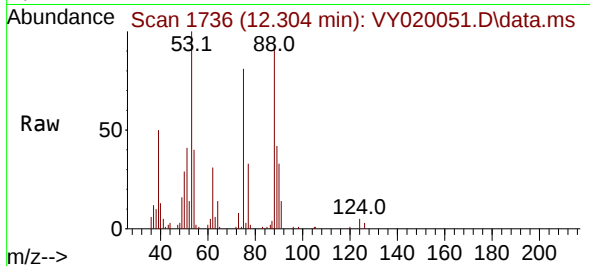




#81
trans-1,4-Dichloro-2-butene
Concen: 20.255 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

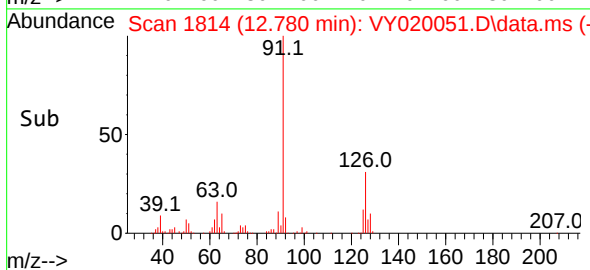
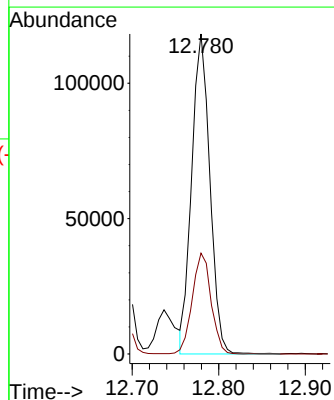
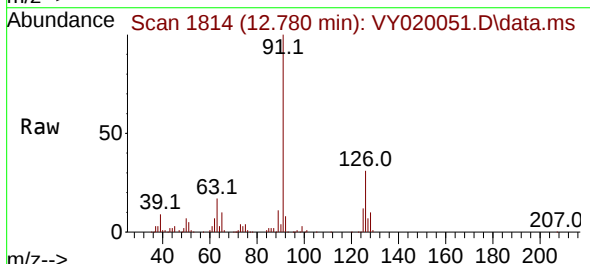
Instrument :
MSVOA_Y
ClientSampleId :

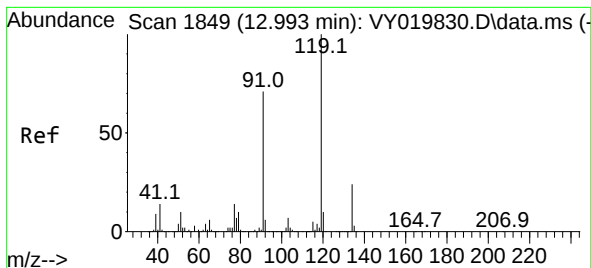
Tgt Ion: 75 Resp: 13261
Ion Ratio Lower Upper
75 100
53 118.4 66.8 100.2#
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.451 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020051.D
Acq: 29 Oct 2024 11:04

Tgt Ion: 91 Resp: 172407
Ion Ratio Lower Upper
91 100
126 32.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.227 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

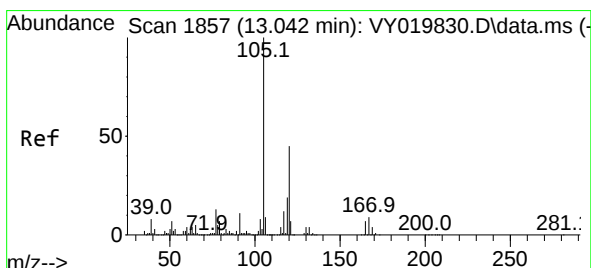
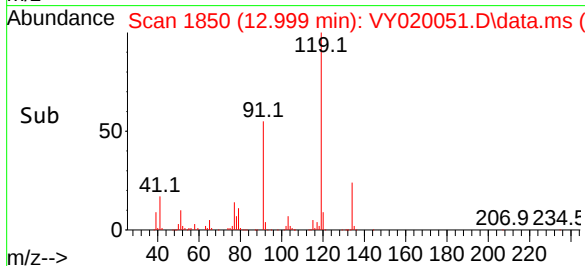
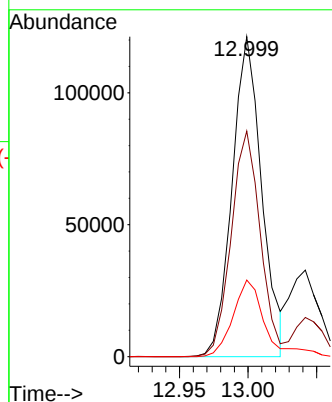
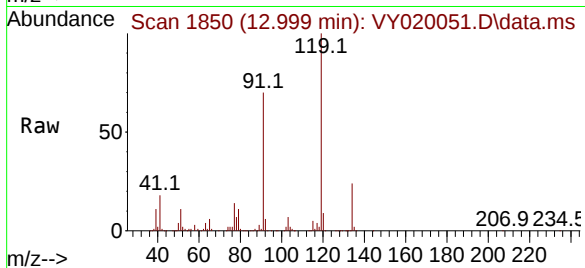
Tgt Ion:119 Resp: 182466

Ion Ratio Lower Upper

119 100

91 69.1 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.377 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020051.D

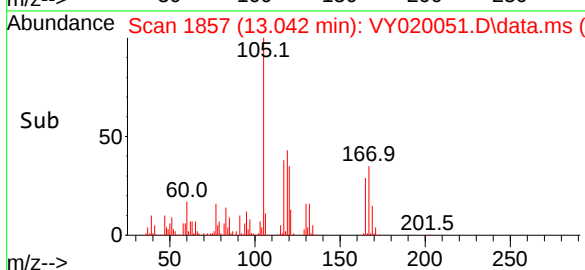
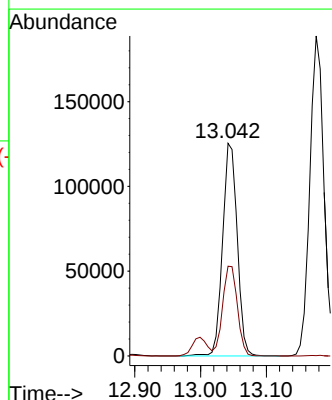
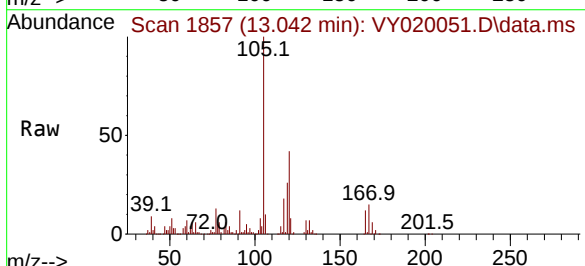
Acq: 29 Oct 2024 11:04

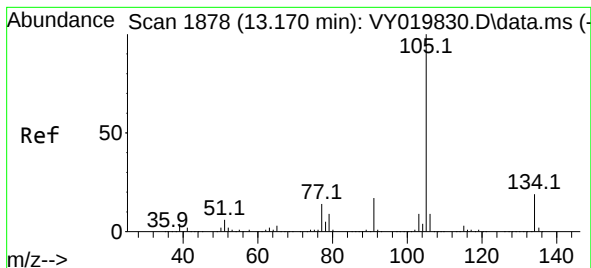
Tgt Ion:105 Resp: 194213

Ion Ratio Lower Upper

105 100

120 42.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.794 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

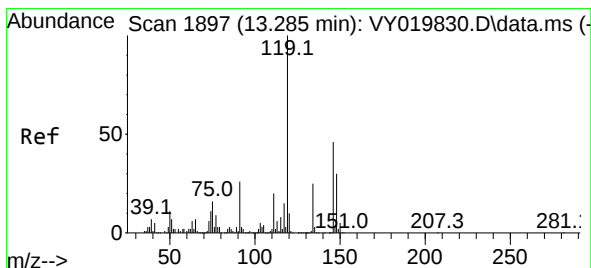
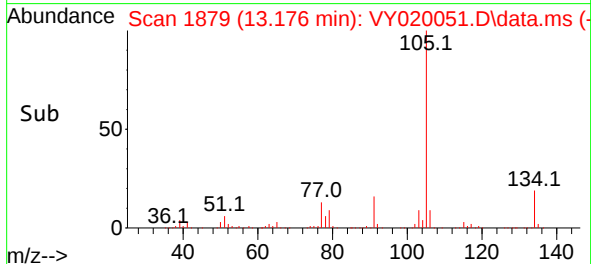
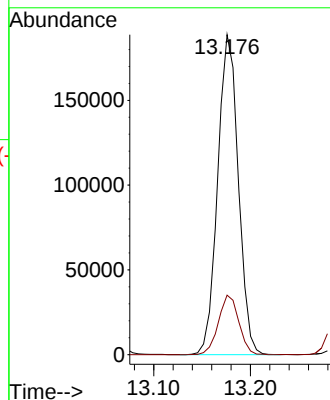
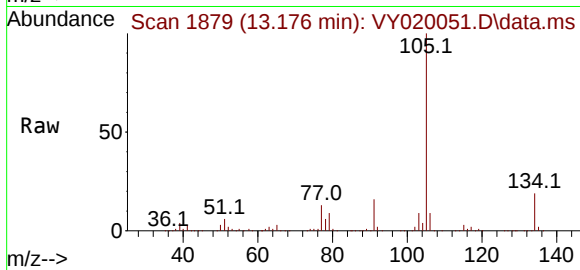
ClientSampleId :

Tgt Ion:105 Resp: 279579

Ion Ratio Lower Upper

105 100

134 18.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.062 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

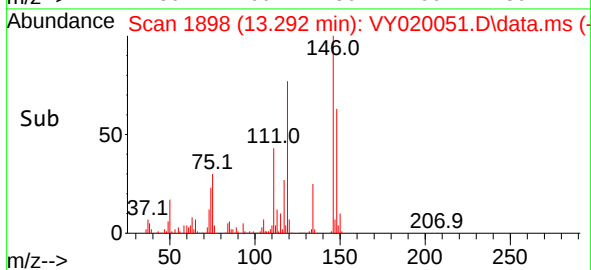
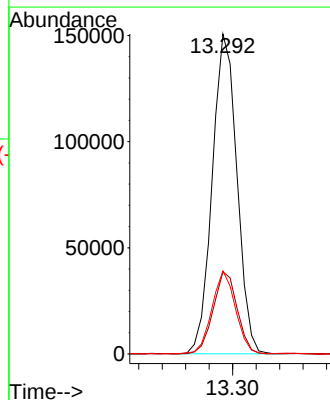
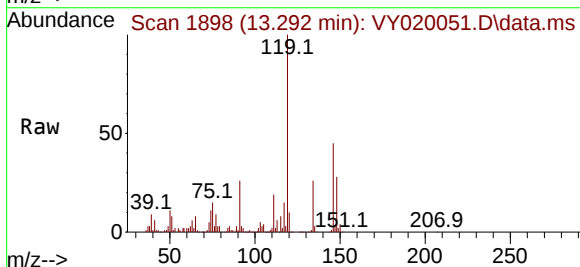
Tgt Ion:119 Resp: 219728

Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.204 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

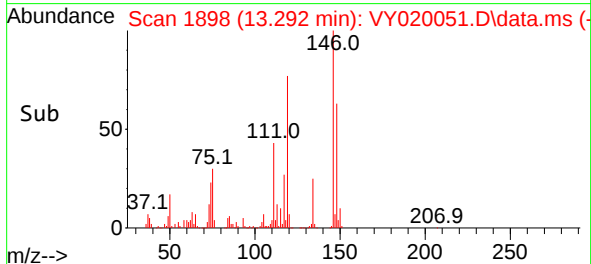
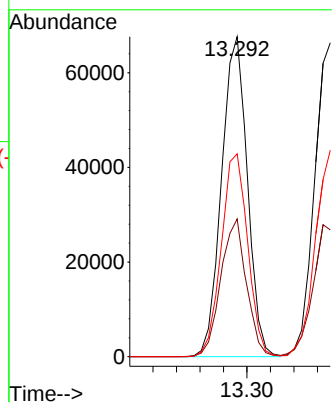
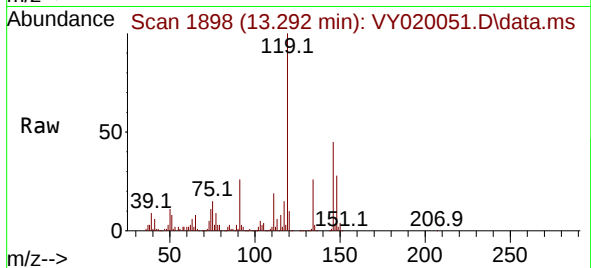
Tgt Ion:146 Resp: 103107

Ion Ratio Lower Upper

146 100

111 42.9 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.370 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

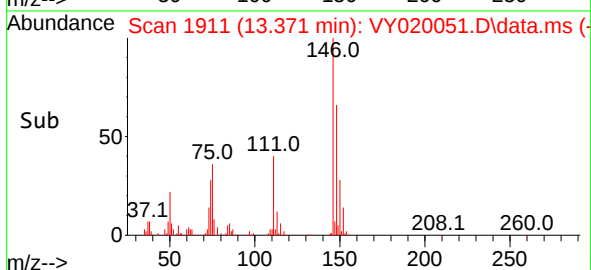
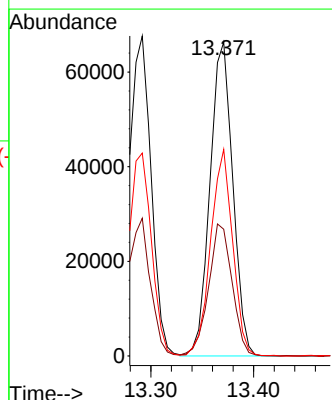
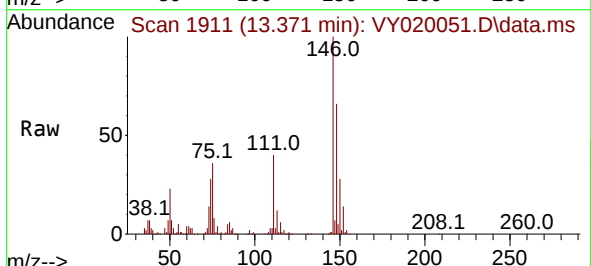
Tgt Ion:146 Resp: 102087

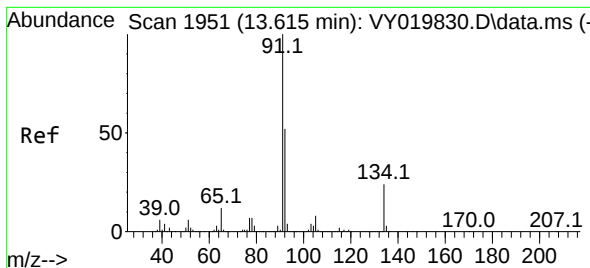
Ion Ratio Lower Upper

146 100

111 43.6 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 22.644 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

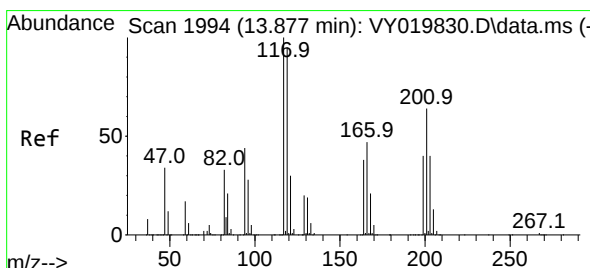
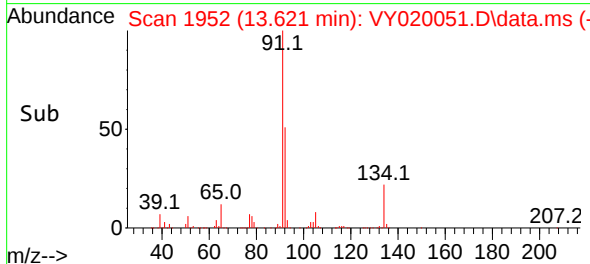
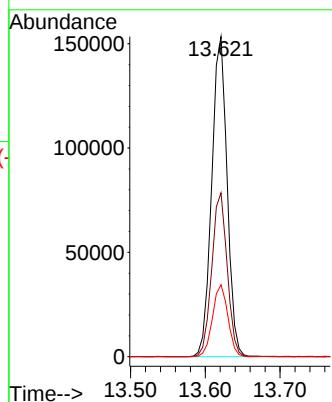
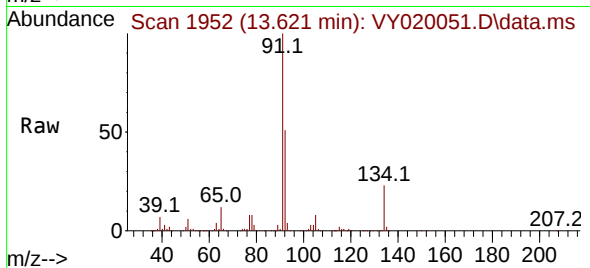
Tgt Ion: 91 Resp: 220214

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 22.4 12.9 38.7



#90

Hexachloroethane

Concen: 22.856 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020051.D

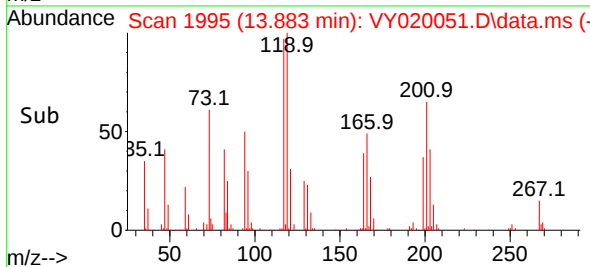
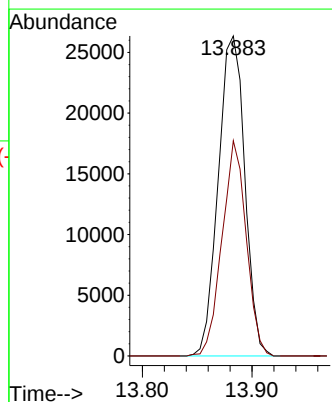
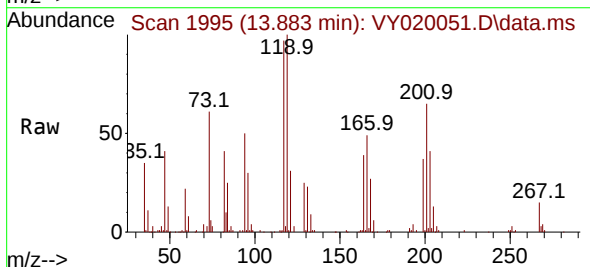
Acq: 29 Oct 2024 11:04

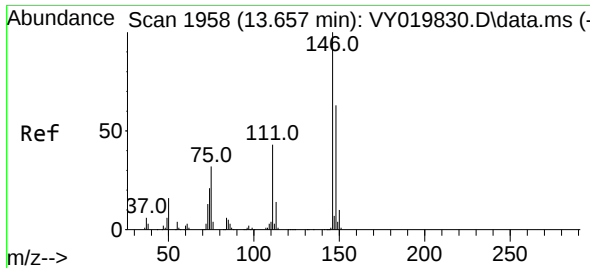
Tgt Ion: 117 Resp: 44326

Ion Ratio Lower Upper

117 100

201 61.4 37.4 112.2

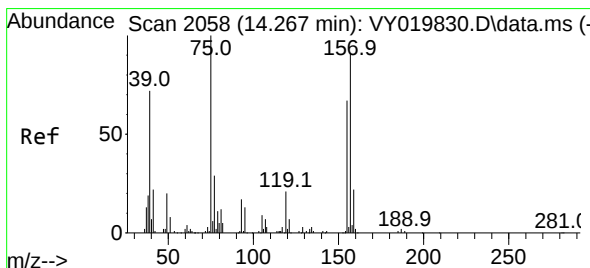
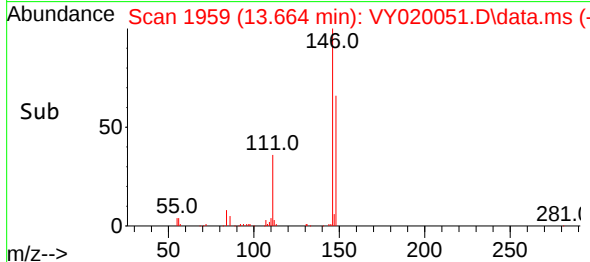
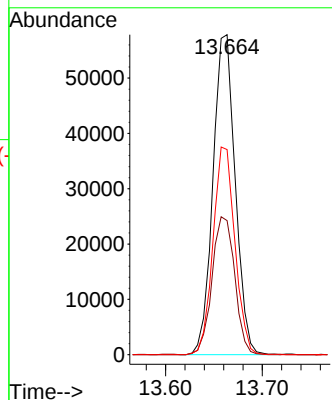
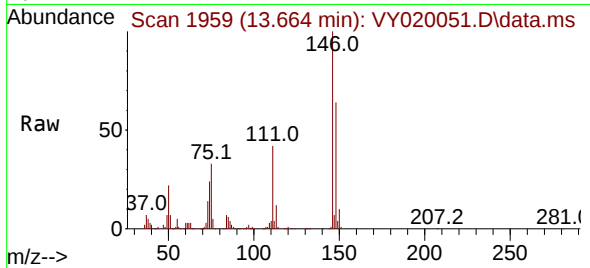




#91
 1,2-Dichlorobenzene
 Concen: 21.646 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.007 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

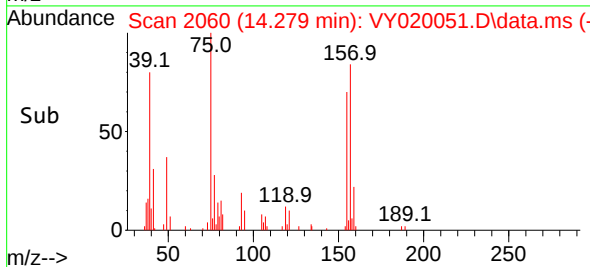
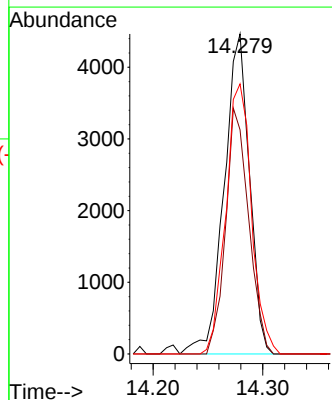
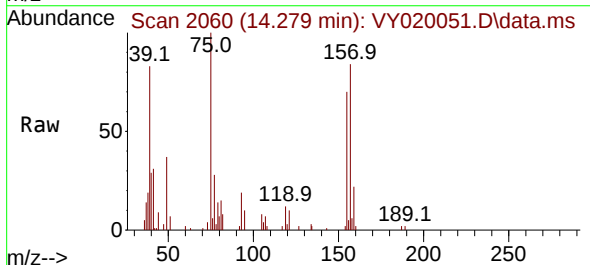
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:146 Resp: 92483
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.9 59.7
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.277 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.007 min
 Lab File: VY020051.D
 Acq: 29 Oct 2024 11:04

Tgt Ion: 75 Resp: 7168
 Ion Ratio Lower Upper
 75 100
 155 70.1 48.6 145.8
 157 85.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.094 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

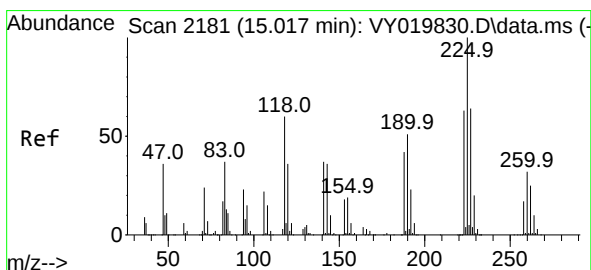
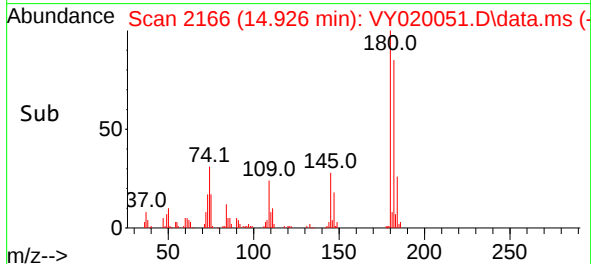
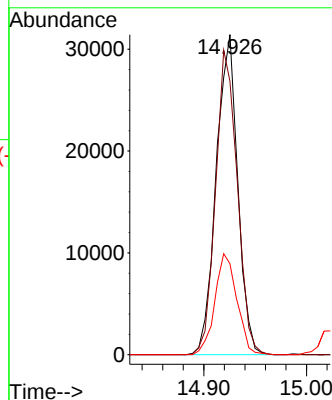
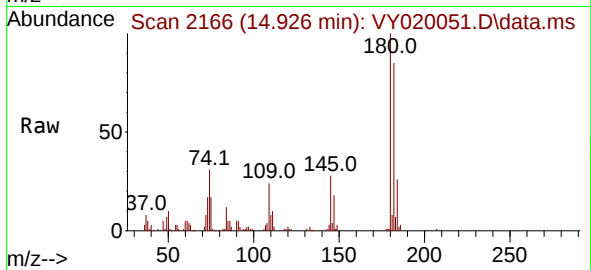
Tgt Ion:180 Resp: 45744

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.131 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.007 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

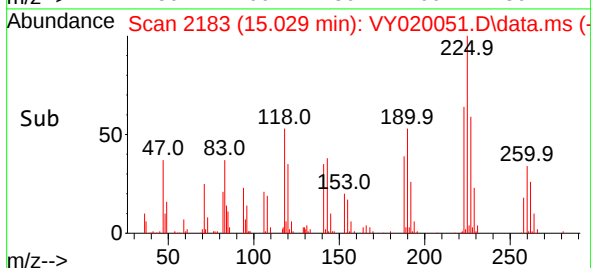
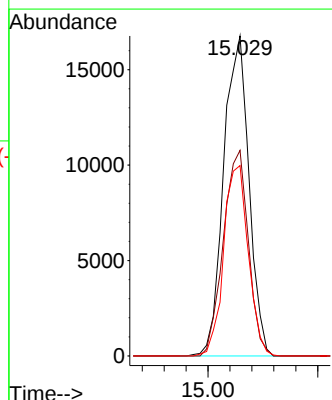
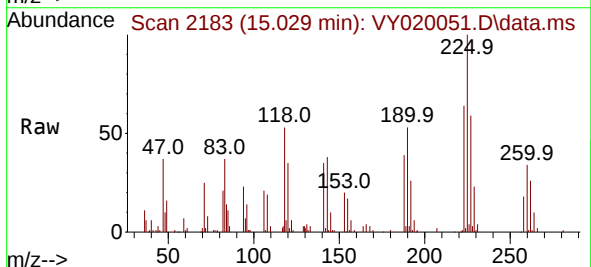
Tgt Ion:225 Resp: 26814

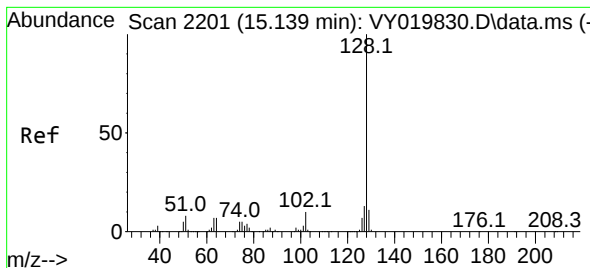
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 58.3 31.9 95.9





#95

Naphthalene

Concen: 18.520 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020051.D

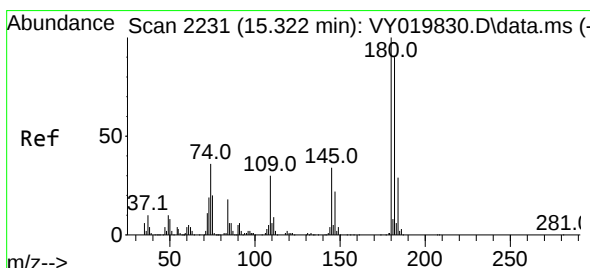
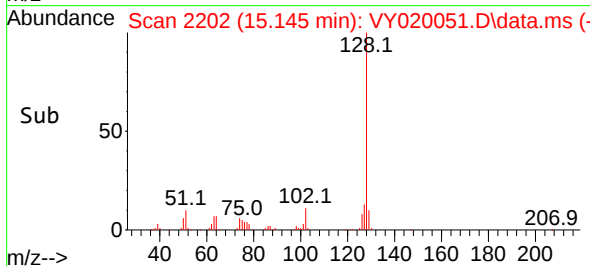
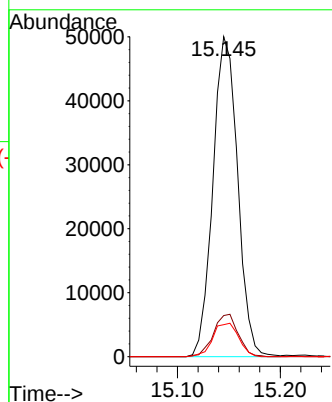
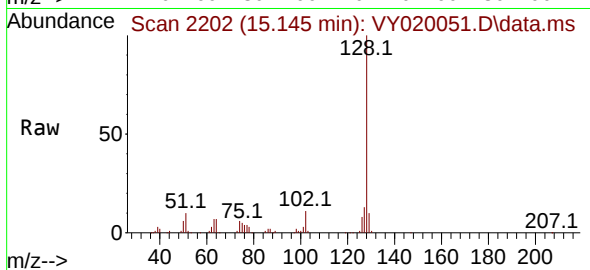
Acq: 29 Oct 2024 11:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	83682
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	11.0	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.018 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020051.D

Acq: 29 Oct 2024 11:04

Tgt Ion:180	Resp:	38515
Ion Ratio	Lower	Upper
180	100	
182	99.0	47.6 142.9
145	32.6	15.4 46.1

