

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020031.D
 Acq On : 28 Oct 2024 10:40
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:53:25 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	7.719	168	208423	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.621	114	369952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	306417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	143516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	134056	52.237	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.480%	
35) Dibromofluoromethane	7.646	113	134145	54.949	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.900%	
50) Toluene-d8	10.115	98	484561	53.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.413	95	170868	52.454	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	32741	16.875	ug/l	95
3) Chloromethane	2.080	50	40405	16.000	ug/l	97
4) Vinyl Chloride	2.214	62	49378	17.769	ug/l	99
5) Bromomethane	2.604	94	32411	18.427	ug/l	91
6) Chloroethane	2.744	64	35791	19.172	ug/l	98
7) Trichlorofluoromethane	3.074	101	79213	19.157	ug/l	96
8) Diethyl Ether	3.464	74	21456	17.073	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.830	101	51206	21.290	ug/l	90
10) Methyl Iodide	4.019	142	36576	15.036	ug/l	# 89
11) Tert butyl alcohol	4.860	59	10452	35.189	ug/l	# 88
12) 1,1-Dichloroethene	3.799	96	40603	18.159	ug/l	84
13) Acrolein	3.671	56	11045	58.572	ug/l	96
14) Allyl chloride	4.403	41	77389	19.183	ug/l	# 88
15) Acrylonitrile	5.079	53	55664	96.840	ug/l	99
16) Acetone	3.878	43	73950	110.695	ug/l	# 83
17) Carbon Disulfide	4.116	76	65403	10.913	ug/l	99
18) Methyl Acetate	4.397	43	26614	18.494	ug/l	# 87
19) Methyl tert-butyl Ether	5.134	73	122382	19.052	ug/l	99
20) Methylene Chloride	4.628	84	49423	19.531	ug/l	# 80
21) trans-1,2-Dichloroethene	5.134	96	43296	17.791	ug/l	86
22) Diisopropyl ether	6.030	45	192552	21.912	ug/l	# 89
23) Vinyl Acetate	5.976	43	482009	95.679	ug/l	# 90
24) 1,1-Dichloroethane	5.933	63	108918	22.297	ug/l	95
25) 2-Butanone	6.908	43	92841	103.825	ug/l	# 83
26) 2,2-Dichloropropane	6.902	77	94484	21.719	ug/l	93
27) cis-1,2-Dichloroethene	6.902	96	61550	20.466	ug/l	81
28) Bromochloromethane	7.256	49	42394	19.718	ug/l	# 73
29) Tetrahydrofuran	7.274	42	45258	88.642	ug/l	# 83
30) Chloroform	7.433	83	112858	22.665	ug/l	100
31) Cyclohexane	7.713	56	75507	17.609	ug/l	90
32) 1,1,1-Trichloroethane	7.628	97	96949	22.216	ug/l	95
36) 1,1-Dichloropropene	7.847	75	67811	19.280	ug/l	93
37) Ethyl Acetate	7.000	43	33231	18.120	ug/l	96
38) Carbon Tetrachloride	7.829	117	78408	20.796	ug/l	97
39) Methylcyclohexane	9.115	83	76409	17.242	ug/l	86
40) Benzene	8.091	78	210923	19.816	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15612	15.729	ug/l	93
42) 1,2-Dichloroethane	8.170	62	62066	20.296	ug/l	94
43) Isopropyl Acetate	8.207	43	67982	18.176	ug/l #	90
44) Trichloroethene	8.871	130	50034	19.408	ug/l	99
45) 1,2-Dichloropropane	9.146	63	56792	21.317	ug/l	99
46) Dibromomethane	9.237	93	27820	19.112	ug/l #	88
47) Bromodichloromethane	9.432	83	84461	21.861	ug/l	97
48) Methyl methacrylate	9.231	41	30163	18.334	ug/l #	80
49) 1,4-Dioxane	9.237	88	5600	343.739	ug/l #	92
51) 4-Methyl-2-Pentanone	10.005	43	182942	95.896	ug/l	89
52) Toluene	10.176	92	135380	20.376	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	68153	19.605	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	79294	19.331	ug/l #	80
55) 1,1,2-Trichloroethane	10.578	97	40764	21.256	ug/l	97
56) Ethyl methacrylate	10.444	69	50145	18.223	ug/l #	73
57) 1,3-Dichloropropane	10.725	76	68783	20.423	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	116854	91.218	ug/l	93
59) 2-Hexanone	10.767	43	139215	102.172	ug/l	86
60) Dibromochloromethane	10.920	129	50323	20.444	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32941	19.008	ug/l	99
64) Tetrachloroethene	10.652	164	41223	18.914	ug/l	94
65) Chlorobenzene	11.444	112	146521	20.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	52164	21.999	ug/l	99
67) Ethyl Benzene	11.523	91	273403	21.475	ug/l	97
68) m/p-Xylenes	11.633	106	197834	42.075	ug/l	92
69) o-Xylene	11.962	106	95240	21.082	ug/l	91
70) Styrene	11.974	104	163782	21.488	ug/l	96
71) Bromoform	12.139	173	25328	19.953	ug/l #	97
73) Isopropylbenzene	12.261	105	270812	22.434	ug/l	99
74) N-amyl acetate	12.078	43	59166	18.505	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	45204	21.074	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	57006	20.276	ug/l #	100
77) Bromobenzene	12.535	156	53070	20.717	ug/l	85
78) n-propylbenzene	12.602	91	327444	22.449	ug/l	97
79) 2-Chlorotoluene	12.682	91	185564	22.191	ug/l	93
80) 1,3,5-Trimethylbenzene	12.743	105	211518	21.697	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	13167	18.904	ug/l #	79
82) 4-Chlorotoluene	12.779	91	185341	21.676	ug/l	96
83) tert-Butylbenzene	13.005	119	203719	23.326	ug/l	96
84) 1,2,4-Trimethylbenzene	13.047	105	208878	21.611	ug/l	97
85) sec-Butylbenzene	13.182	105	306734	23.507	ug/l	97
86) p-Isopropyltoluene	13.297	119	235156	22.193	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	110209	21.304	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	108346	21.319	ug/l	96
89) n-Butylbenzene	13.621	91	234645	22.679	ug/l	98
90) Hexachloroethane	13.883	117	47820	23.177	ug/l	83
91) 1,2-Dichlorobenzene	13.663	146	98131	21.589	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6229	18.196	ug/l	76
93) 1,2,4-Trichlorobenzene	14.925	180	47250	18.538	ug/l	96
94) Hexachlorobutadiene	15.029	225	29871	21.080	ug/l	100
95) Naphthalene	15.151	128	82573	17.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38420	17.832	ug/l	97

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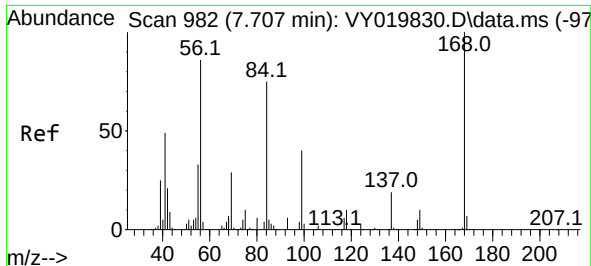
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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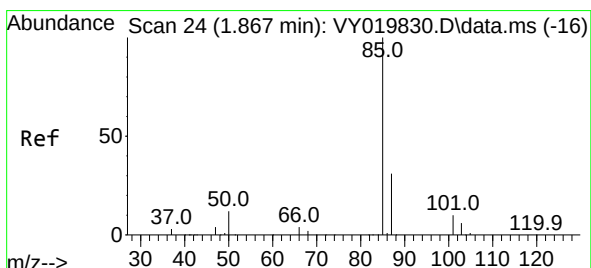
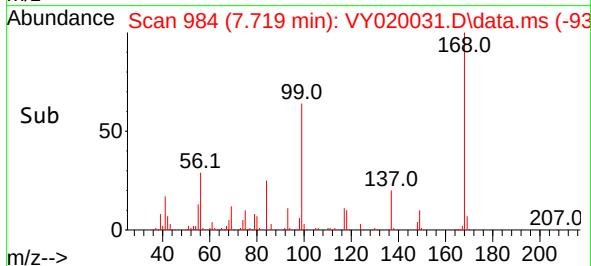
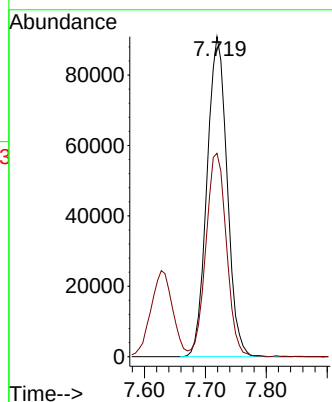
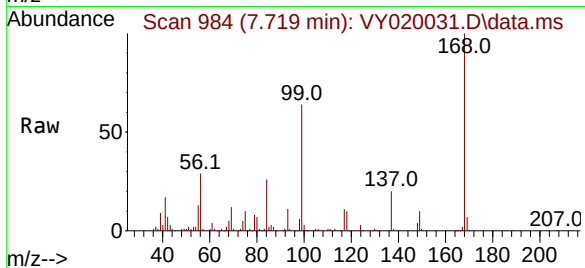




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020031.D
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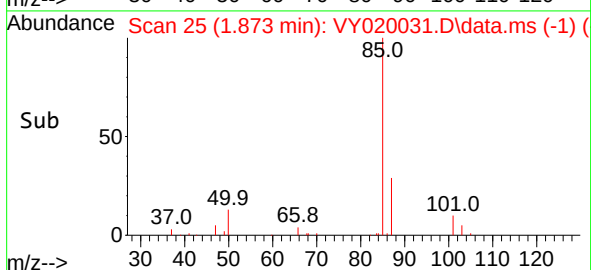
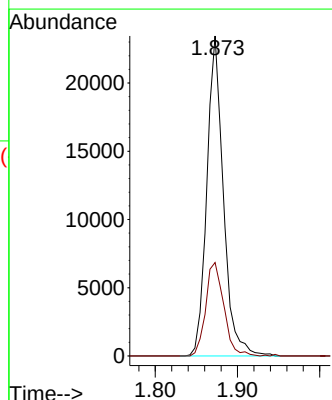
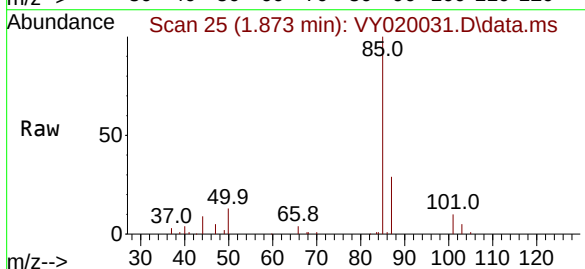
Instrument :
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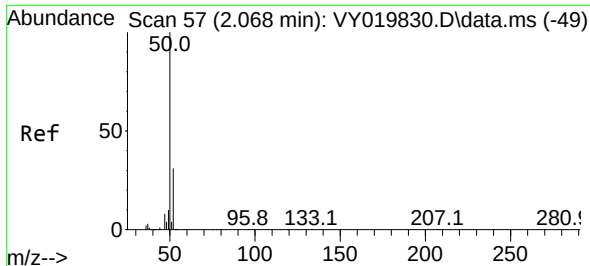
Tgt Ion:168 Resp: 208423
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.875 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 85 Resp: 32741
Ion Ratio Lower Upper
85 100
87 29.2 16.0 48.0

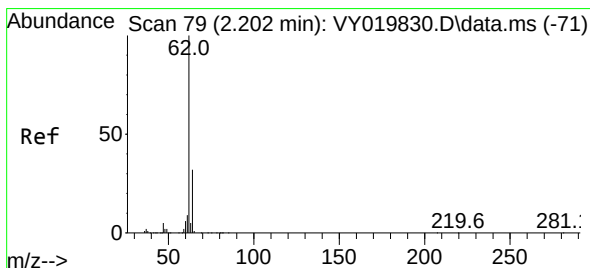
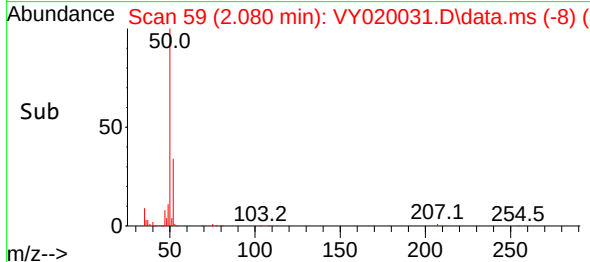
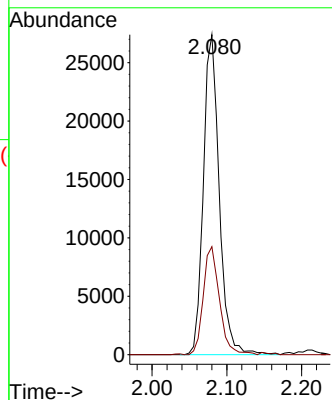
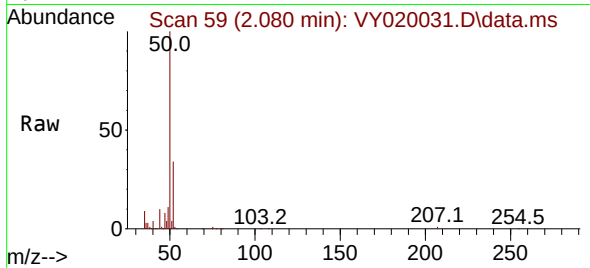




#3
Chloromethane
Concen: 16.000 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

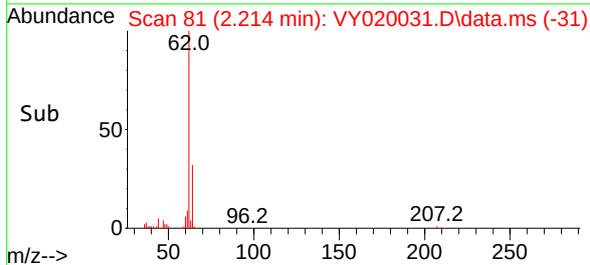
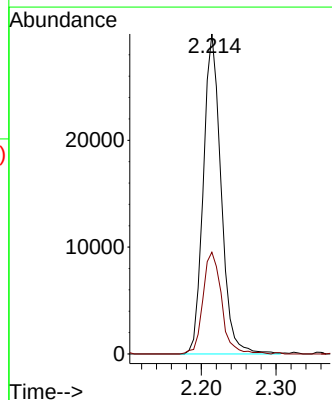
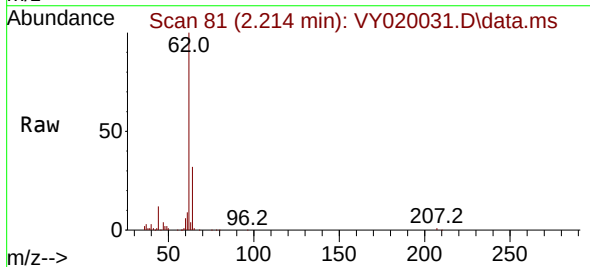
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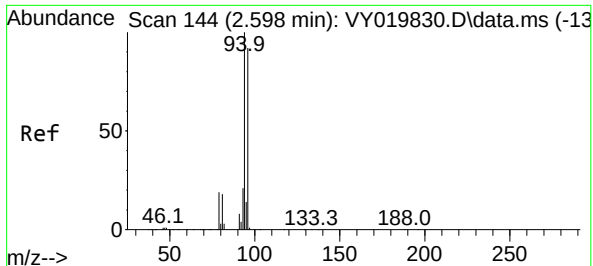
Tgt Ion: 50 Resp: 40405
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 17.769 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 62 Resp: 49378
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

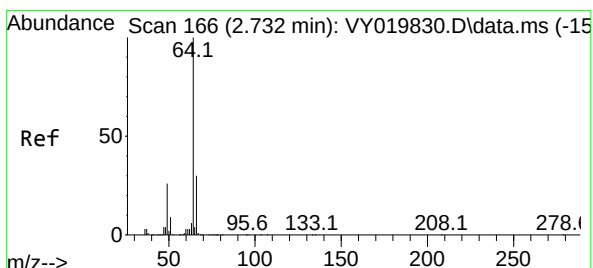
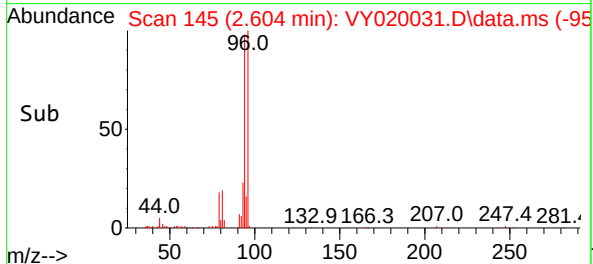
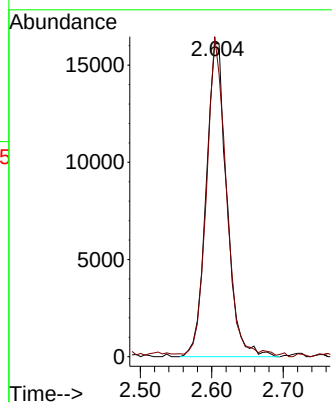
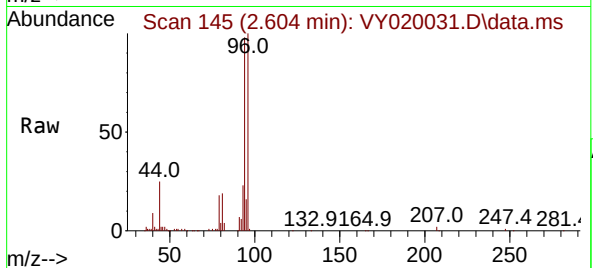




#5
Bromomethane
Concen: 18.427 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

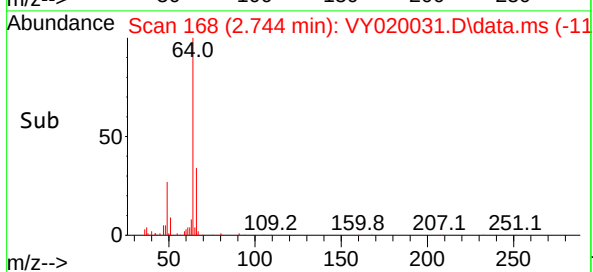
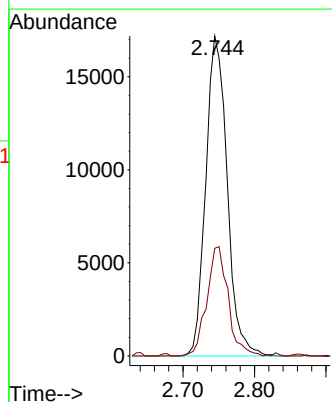
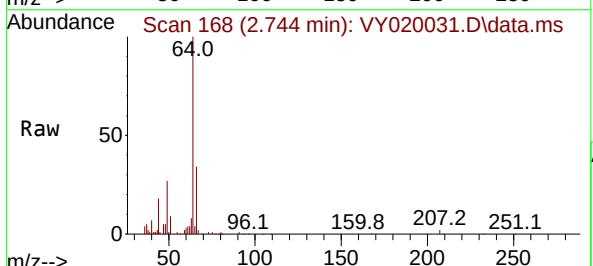
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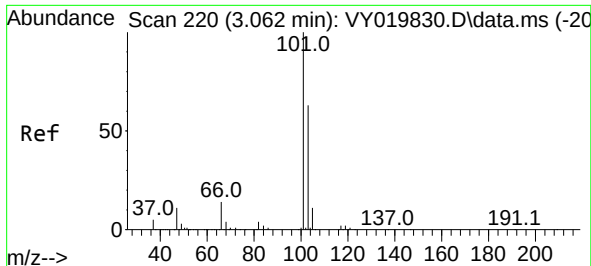
Tgt Ion: 94 Resp: 32411
Ion Ratio Lower Upper
94 100
96 101.3 74.1 111.1



#6
Chloroethane
Concen: 19.172 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 64 Resp: 35791
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

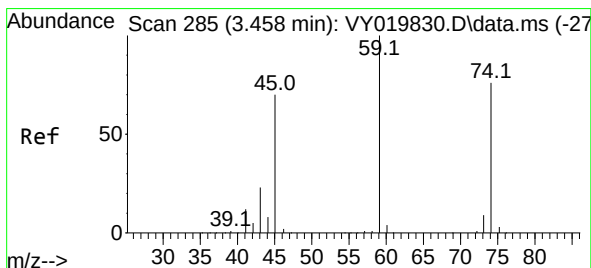
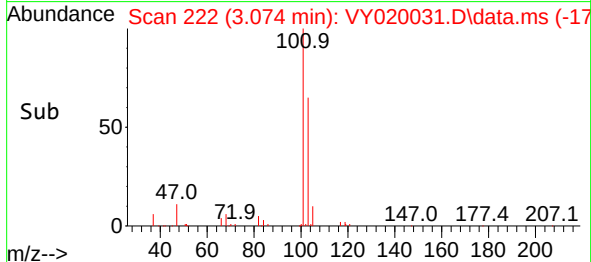
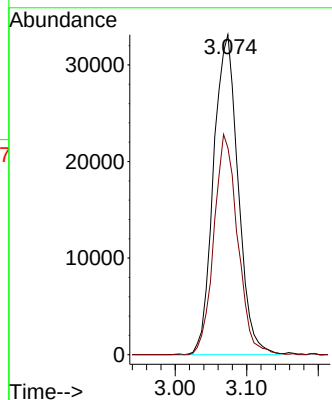
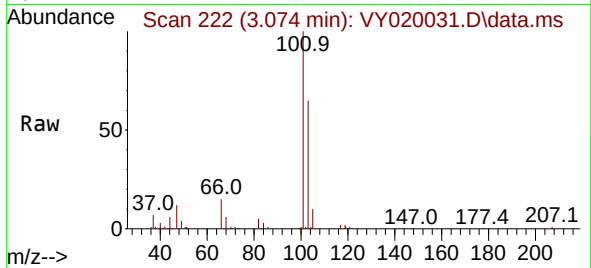




#7
Trichlorofluoromethane
Concen: 19.157 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

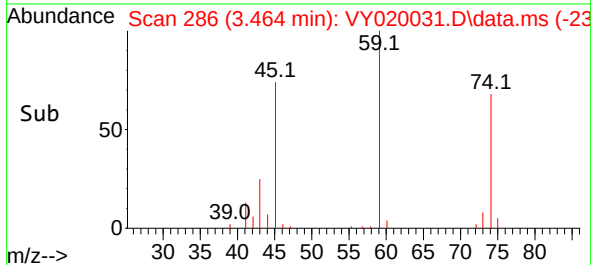
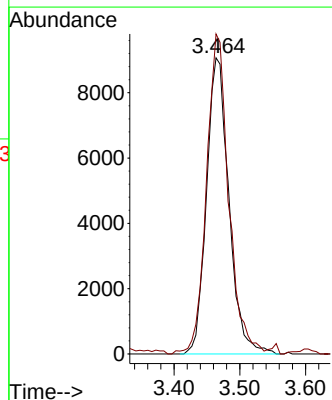
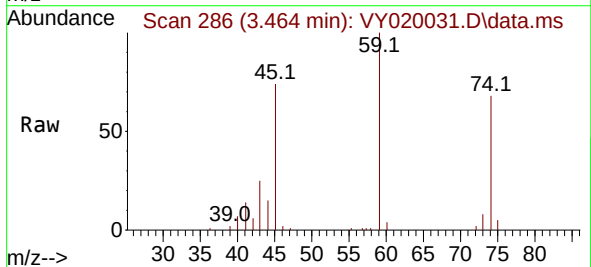
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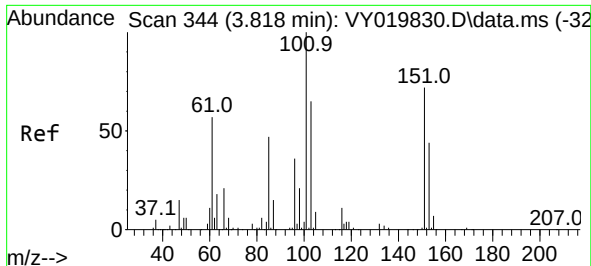
Tgt Ion:101 Resp: 79213
Ion Ratio Lower Upper
101 100
103 64.4 49.3 73.9



#8
Diethyl Ether
Concen: 17.073 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 74 Resp: 21456
Ion Ratio Lower Upper
74 100
45 107.2 41.3 124.1

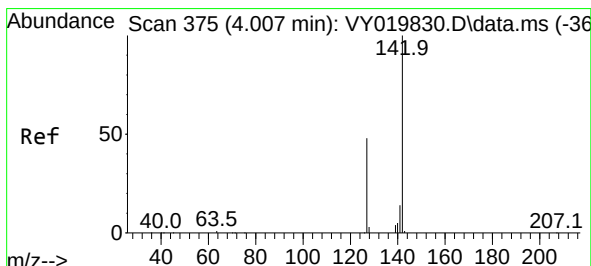
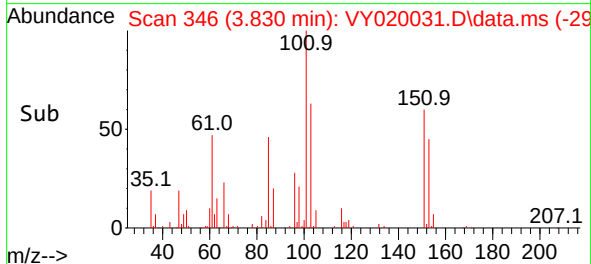
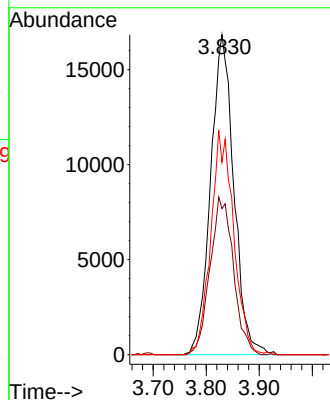
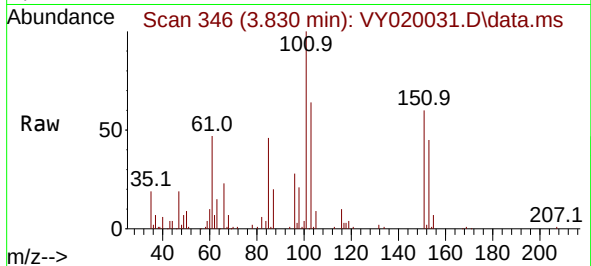




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.290 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY020031.D
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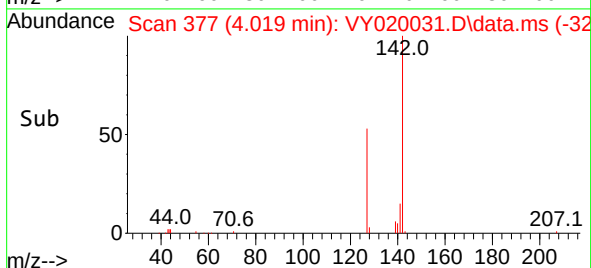
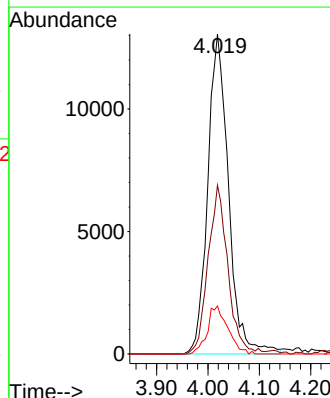
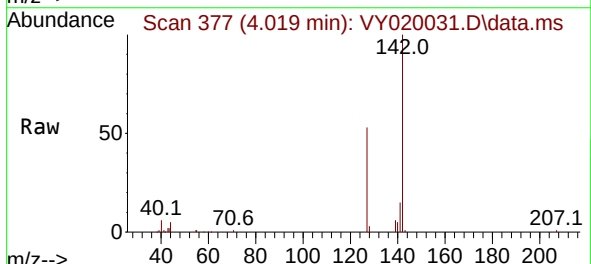
Instrument :
MSVOA_Y
ClientSampleId :

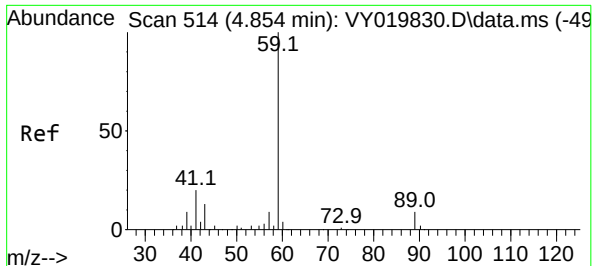
Tgt Ion:101 Resp: 51206
Ion Ratio Lower Upper
101 100
85 49.6 34.5 51.7
151 68.8 61.7 92.5



#10
Methyl Iodide
Concen: 15.036 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:142 Resp: 36576
Ion Ratio Lower Upper
142 100
127 50.0 32.8 49.2#
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 35.189 ug/l

RT: 4.860 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

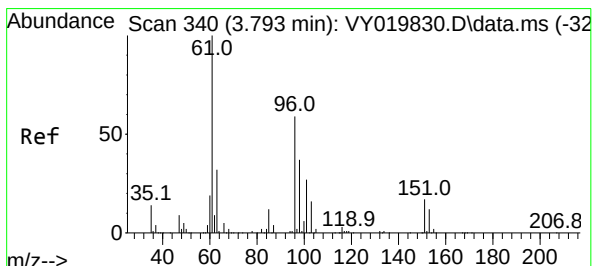
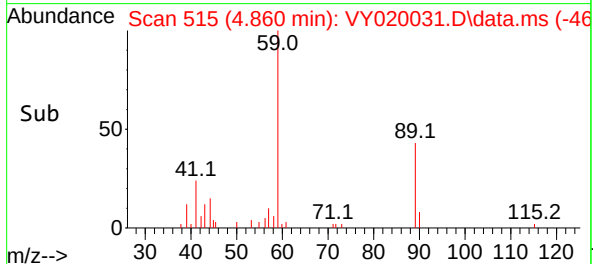
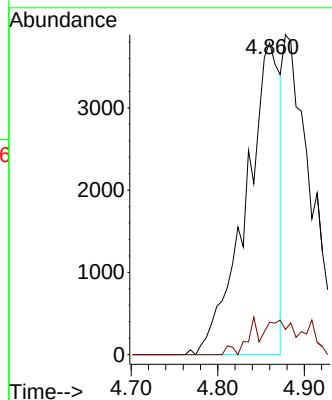
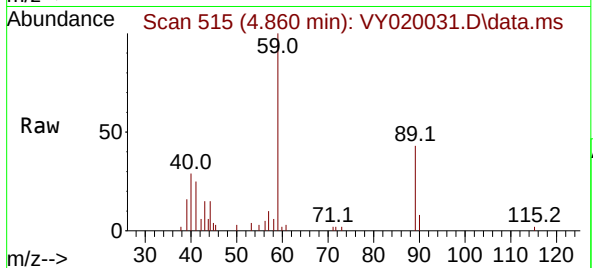
ClientSampleId :

Tgt Ion: 59 Resp: 10452

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.159 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

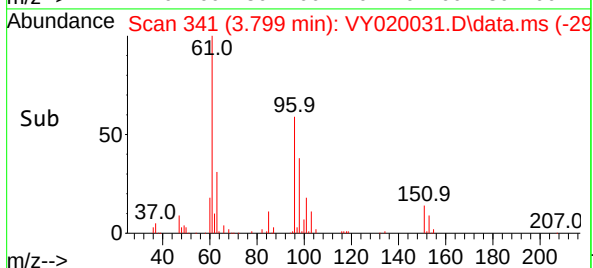
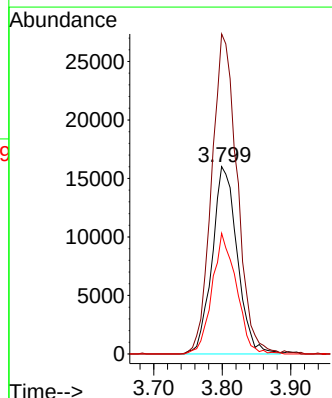
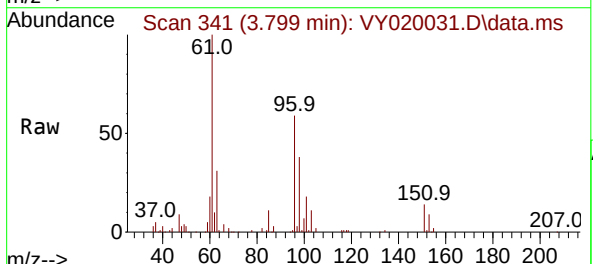
Tgt Ion: 96 Resp: 40603

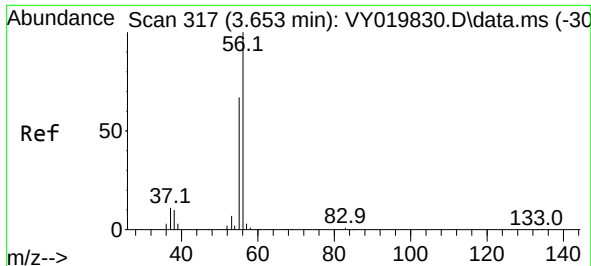
Ion Ratio Lower Upper

96 100

61 170.8 114.6 171.8

98 64.4 50.8 76.2





#13

Acrolein

Concen: 58.572 ug/l

RT: 3.671 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

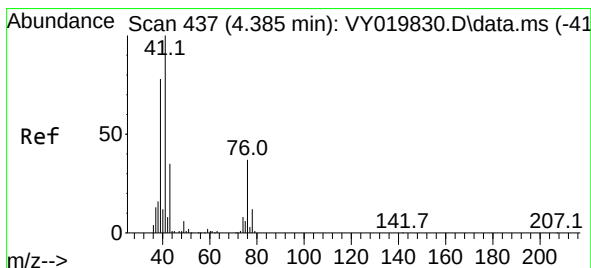
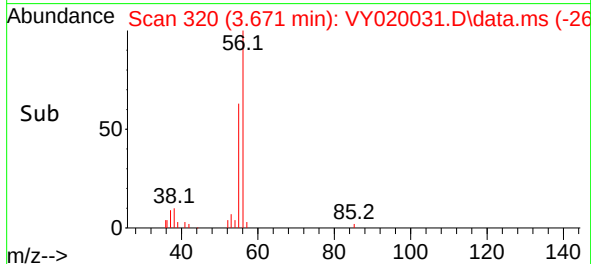
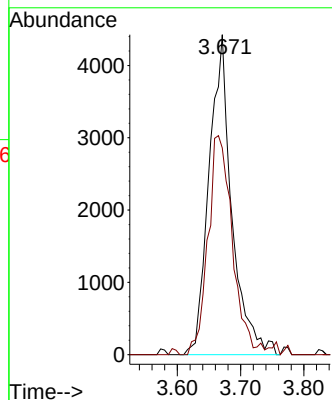
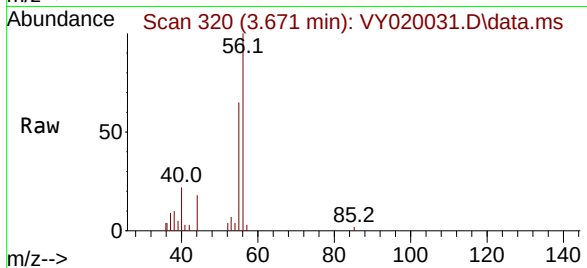
ClientSampleId :

Tgt Ion: 56 Resp: 11045

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



#14

Allyl chloride

Concen: 19.183 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

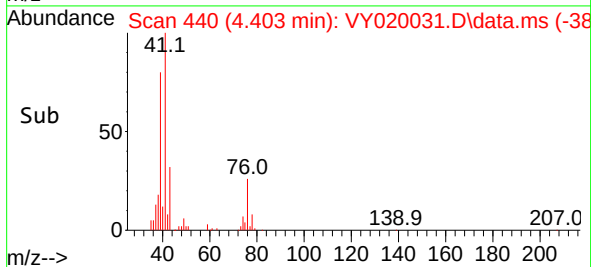
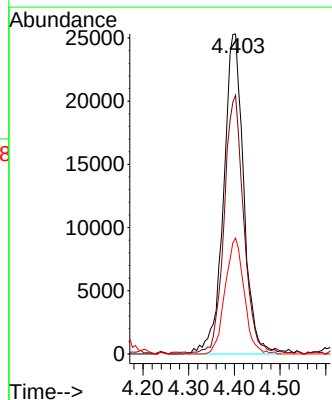
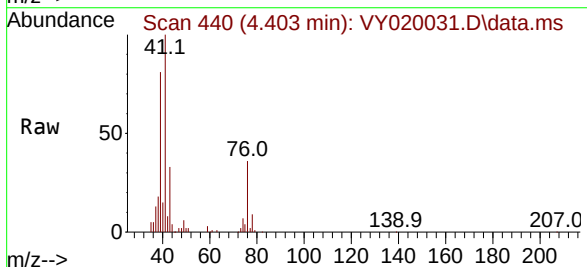
Tgt Ion: 41 Resp: 77389

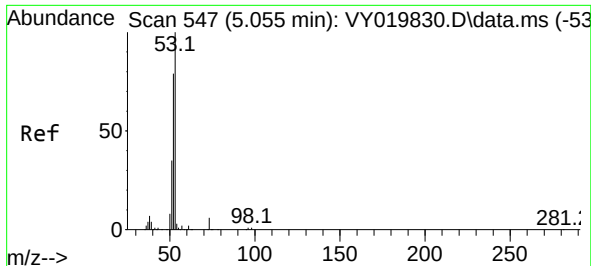
Ion Ratio Lower Upper

41 100

39 77.9 58.3 87.5

76 34.3 39.0 58.6#

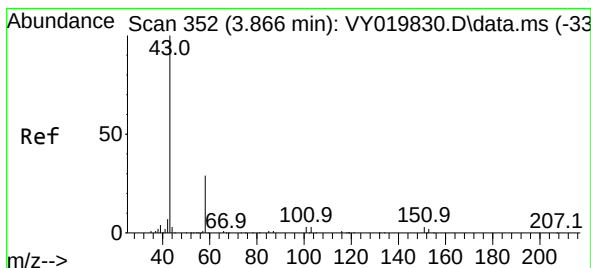
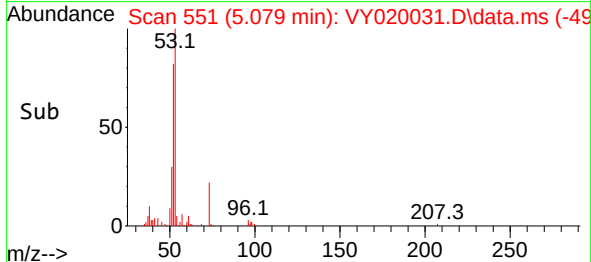
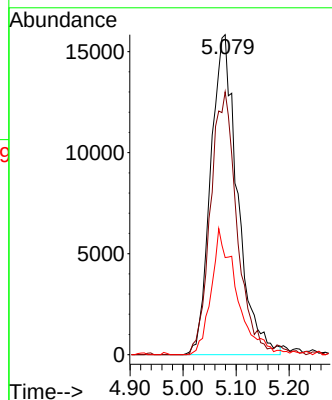
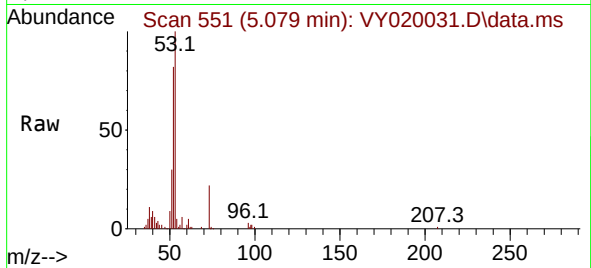




#15
Acrylonitrile
Concen: 96.840 ug/l
RT: 5.079 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

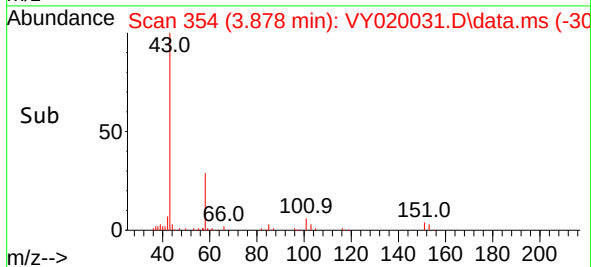
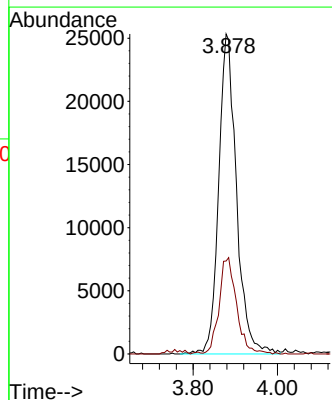
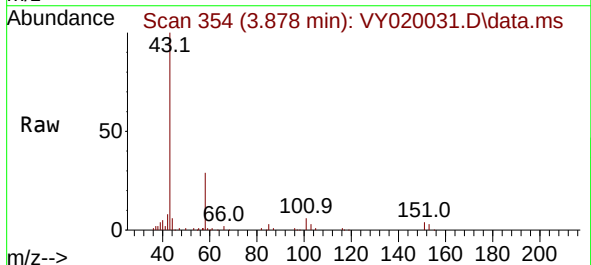
Instrument :
MSVOA_Y
ClientSampleId :

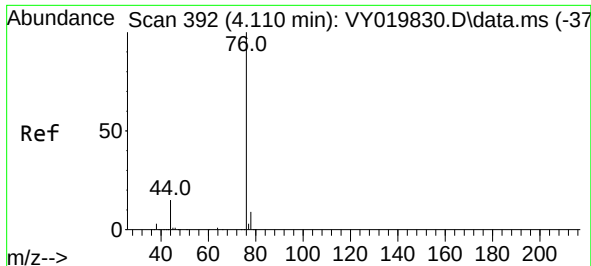
Tgt Ion: 53 Resp: 55664
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 110.695 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 43 Resp: 73950
Ion Ratio Lower Upper
43 100
58 29.0 31.7 47.5#

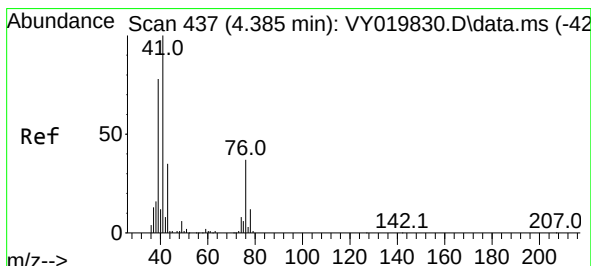
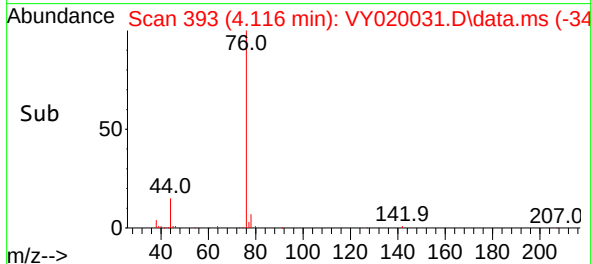
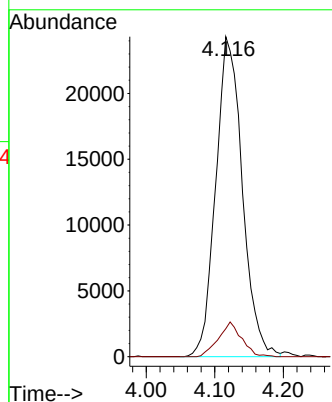
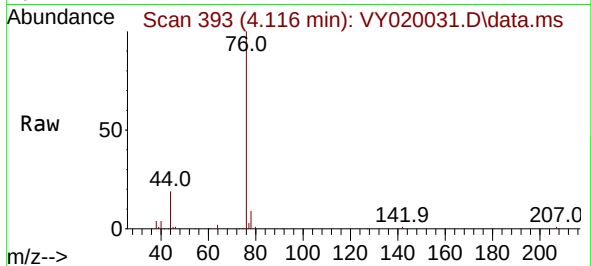




#17
Carbon Disulfide
Concen: 10.913 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

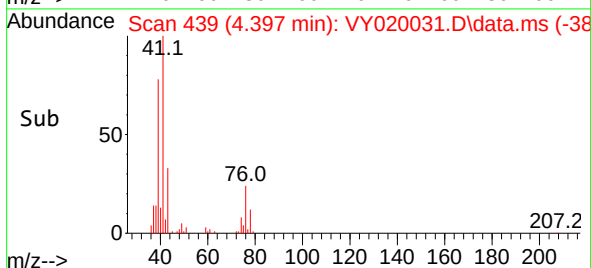
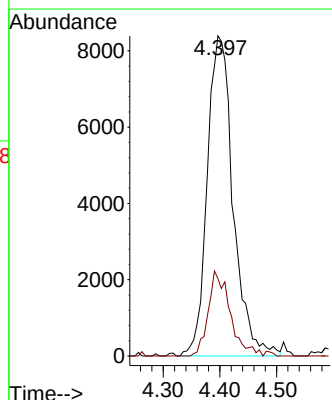
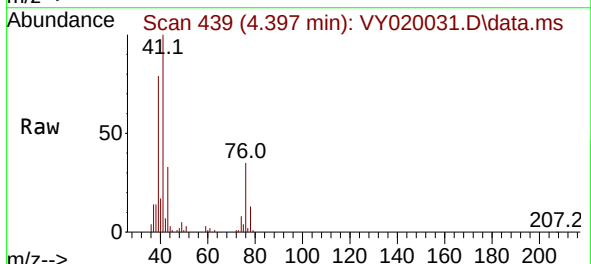
Instrument :
MSVOA_Y
ClientSampleId :

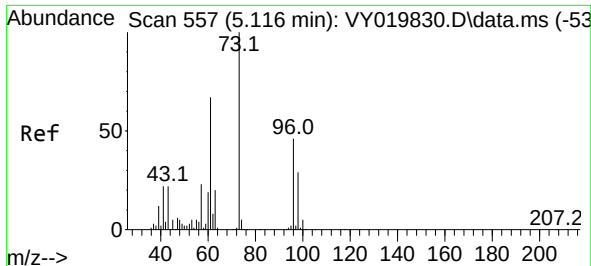
Tgt Ion: 76 Resp: 65403
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 18.494 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 43 Resp: 26614
Ion Ratio Lower Upper
43 100
74 22.4 23.3 34.9#

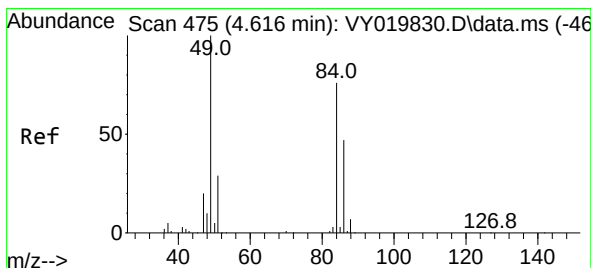
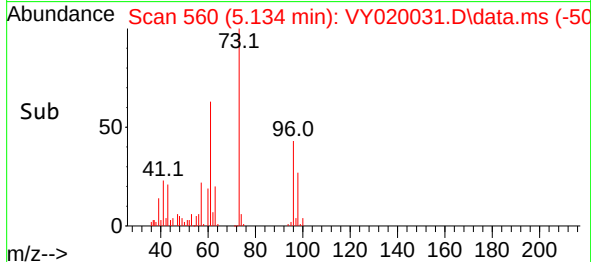
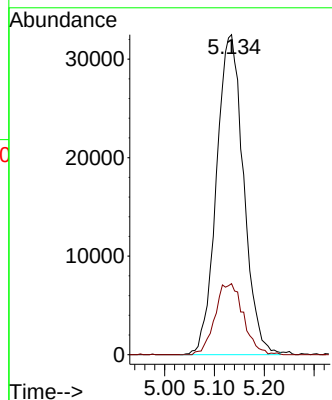
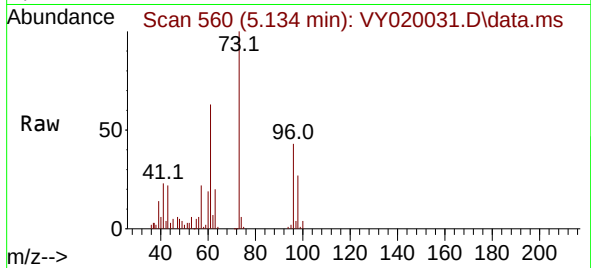




#19
Methyl tert-butyl Ether
Concen: 19.052 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

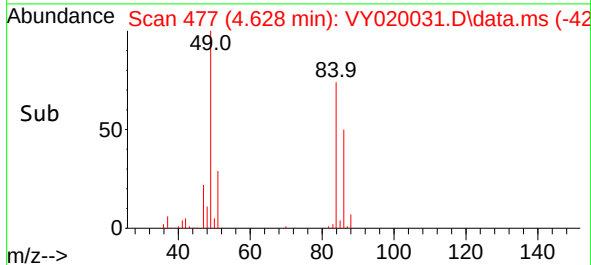
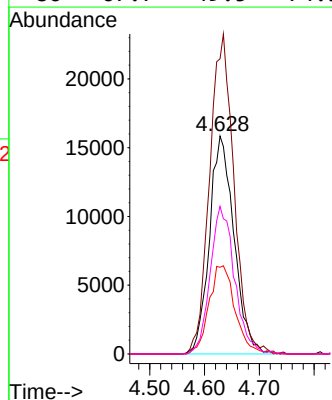
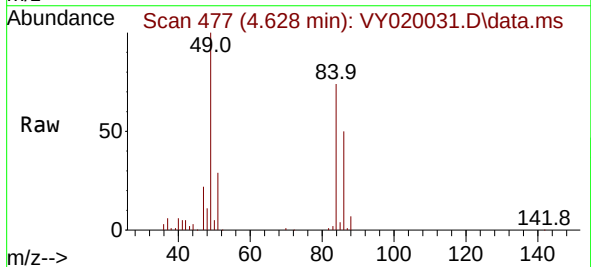
Instrument :
MSVOA_Y
ClientSampleId :

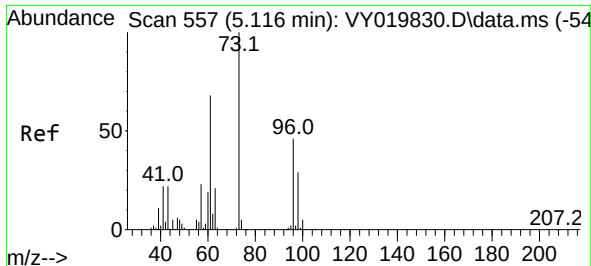
Tgt Ion: 73 Resp: 122382
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 19.531 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 84 Resp: 49423
Ion Ratio Lower Upper
84 100
49 135.5 84.4 126.6#
51 39.8 26.0 39.0#
86 67.7 49.5 74.3

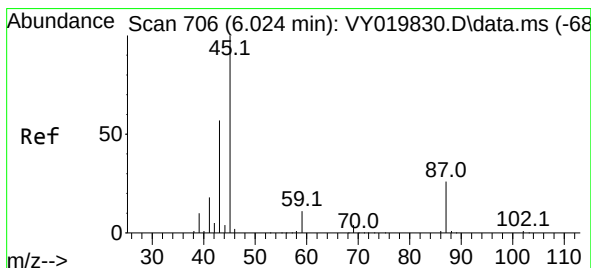
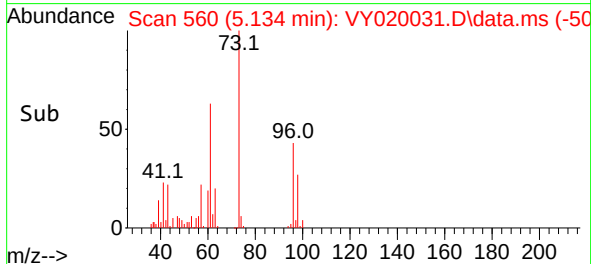
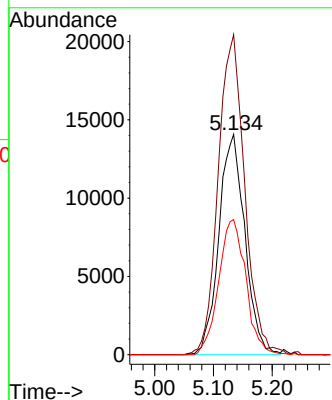
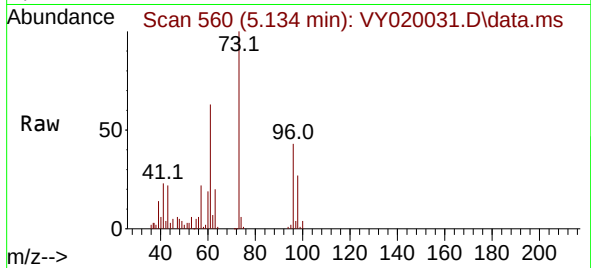




#21
trans-1,2-Dichloroethene
Concen: 17.791 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

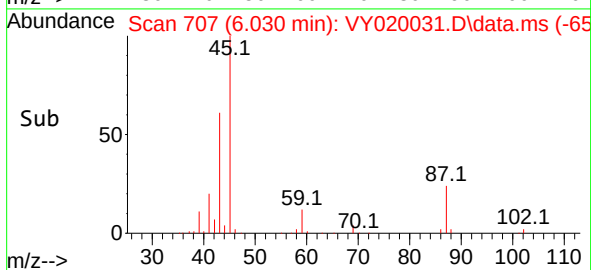
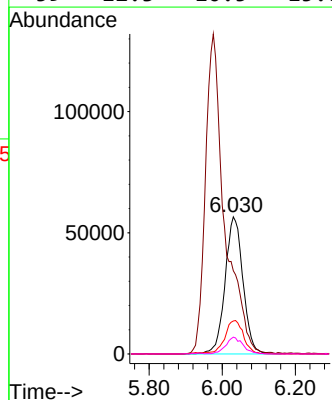
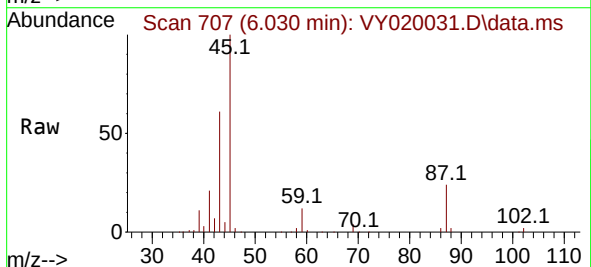
Instrument :
MSVOA_Y
ClientSampleId :

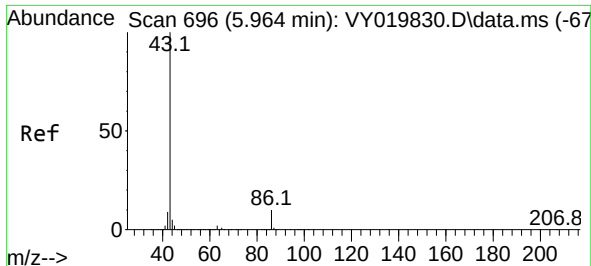
Tgt Ion: 96 Resp: 43296
Ion Ratio Lower Upper
96 100
61 145.3 97.5 146.3
98 61.3 50.5 75.7



#22
Diisopropyl ether
Concen: 21.912 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 45 Resp: 192552
Ion Ratio Lower Upper
45 100
43 60.7 42.2 63.2
87 24.1 25.0 37.6#
59 12.3 10.5 15.7

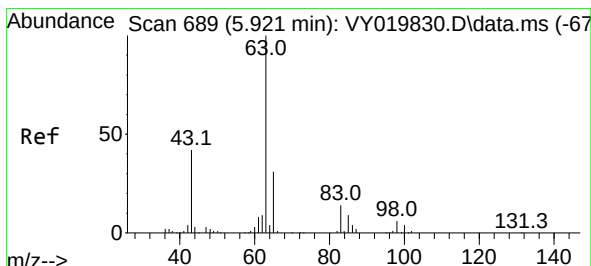
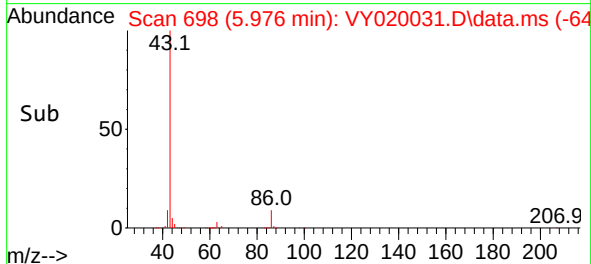
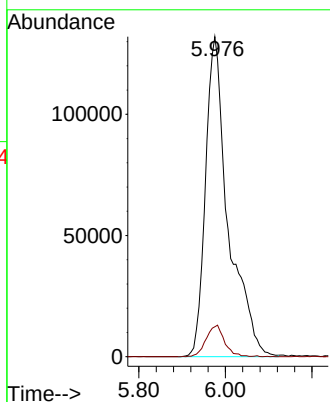
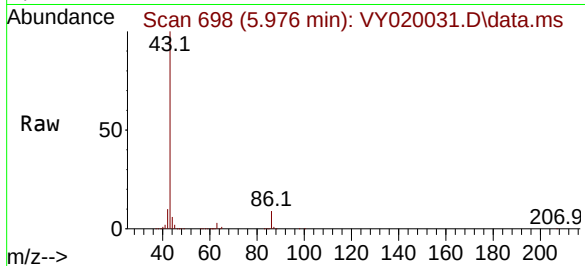




#23
 Vinyl Acetate
 Concen: 95.679 ug/l
 RT: 5.976 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

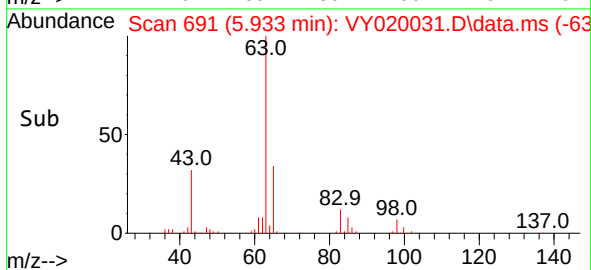
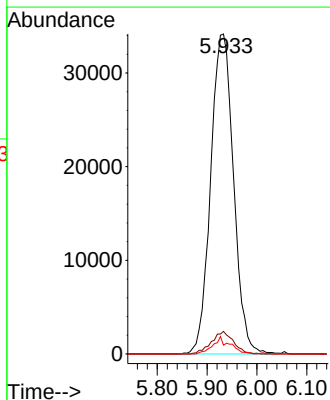
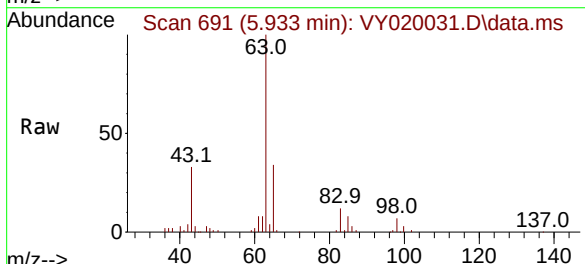
Instrument :
 MSVOA_Y
 ClientSampleId :

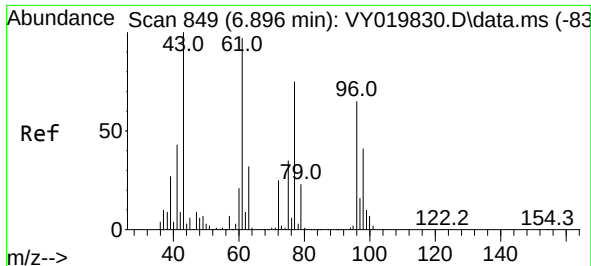
Tgt Ion: 43 Resp: 482009
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.297 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

Tgt Ion: 63 Resp: 108918
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 2.7 2.6 8.0





#25

2-Butanone

Concen: 103.825 ug/l

RT: 6.908 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

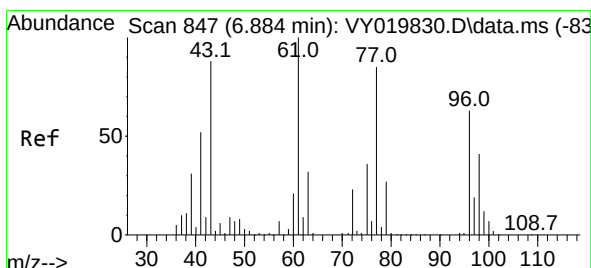
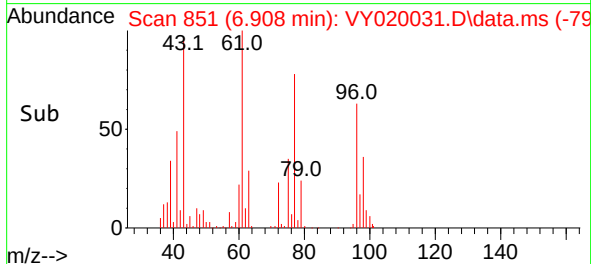
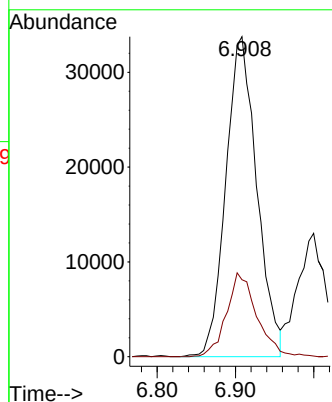
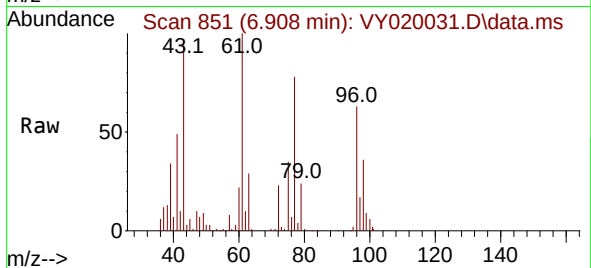
ClientSampleId :

Tgt Ion: 43 Resp: 92841

Ion Ratio Lower Upper

43 100

72 24.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.719 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY020031.D

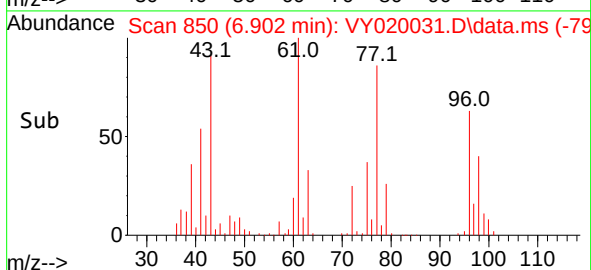
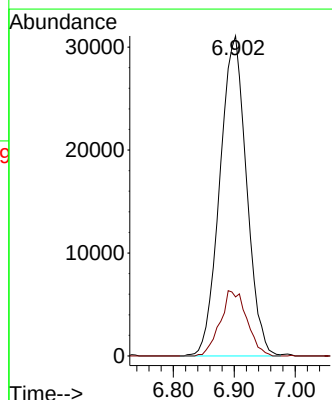
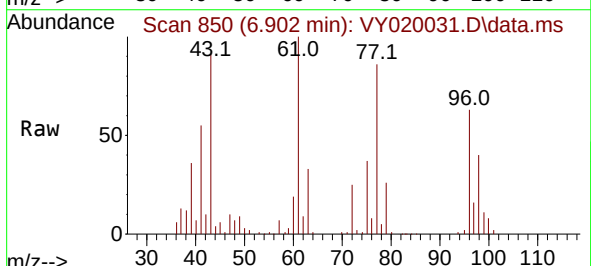
Acq: 28 Oct 2024 10:40

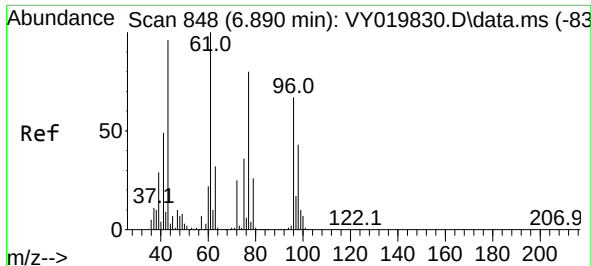
Tgt Ion: 77 Resp: 94484

Ion Ratio Lower Upper

77 100

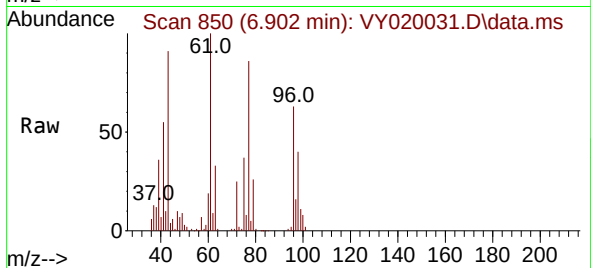
97 20.5 12.0 36.1



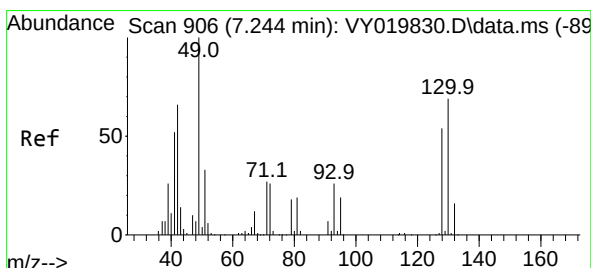
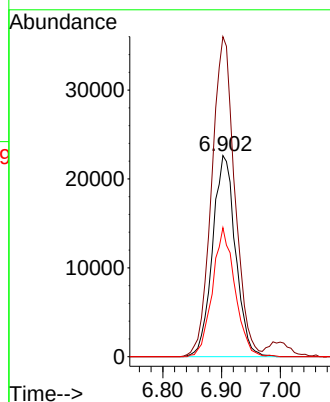
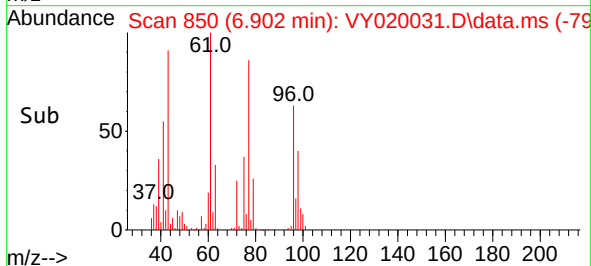


#27
 cis-1,2-Dichloroethene
 Concen: 20.466 ug/l
 RT: 6.902 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :

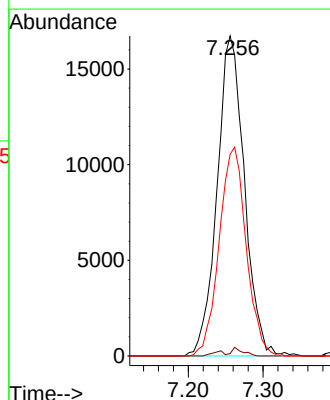
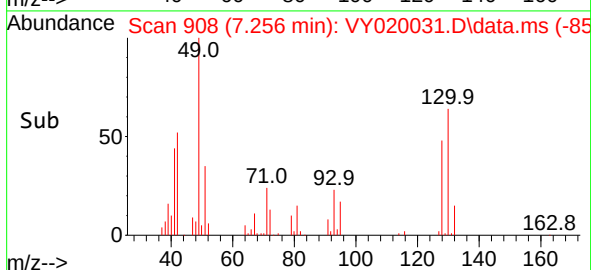
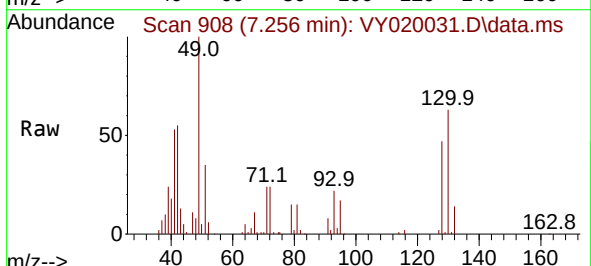


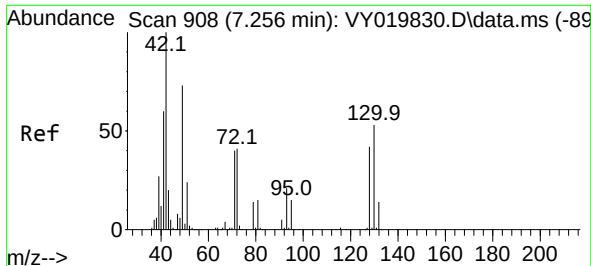
Tgt Ion: 96 Resp: 61550
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 256.2
 98 62.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.718 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

Tgt Ion: 49 Resp: 42394
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 64.7 72.7 109.1#





#29

Tetrahydrofuran

Concen: 88.642 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

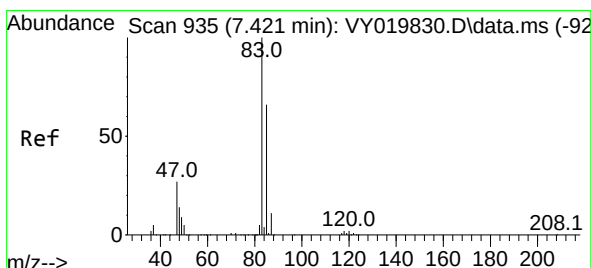
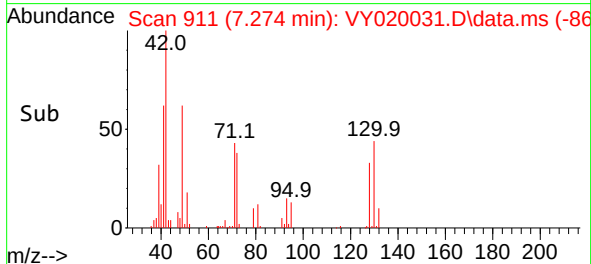
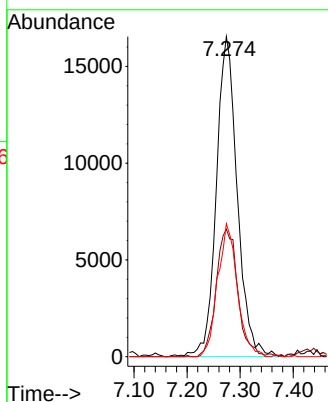
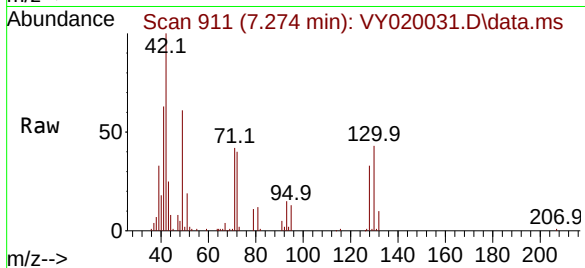
Tgt Ion: 42 Resp: 45258

Ion Ratio Lower Upper

42 100

72 40.9 43.0 64.4#

71 39.3 40.8 61.2#



#30

Chloroform

Concen: 22.665 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY020031.D

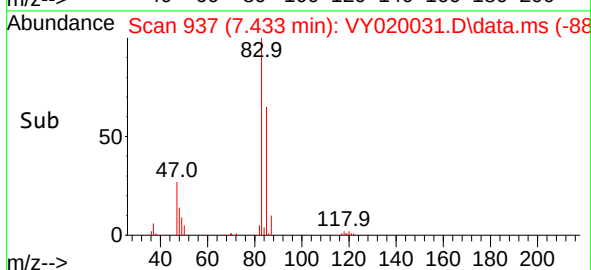
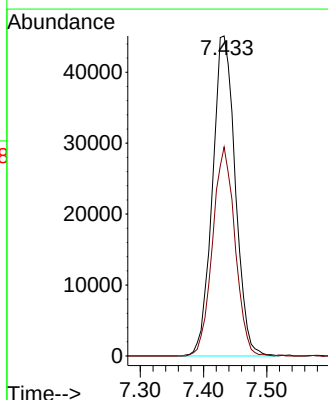
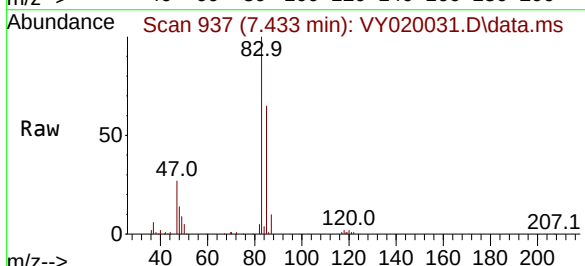
Acq: 28 Oct 2024 10:40

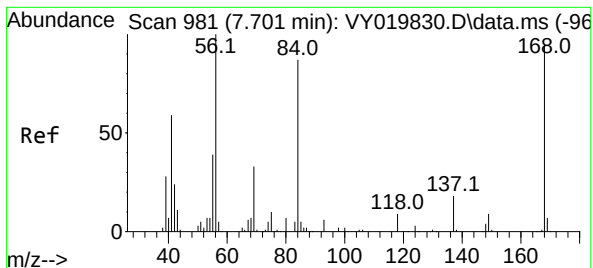
Tgt Ion: 83 Resp: 112858

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4





#31

Cyclohexane

Concen: 17.609 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

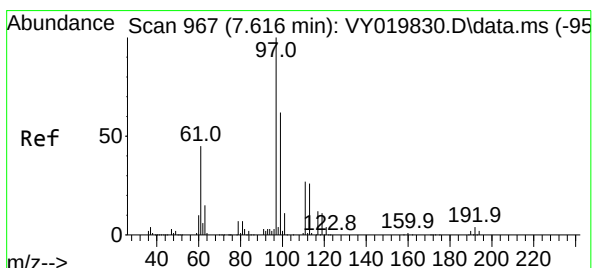
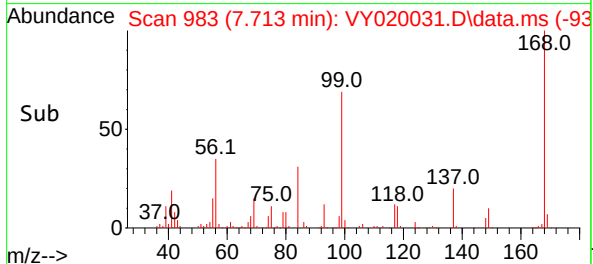
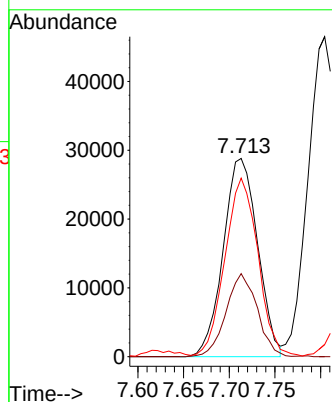
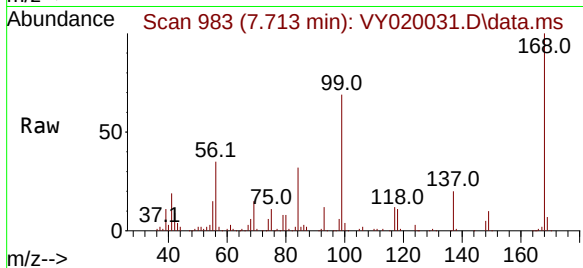
Tgt Ion: 56 Resp: 75507

Ion Ratio Lower Upper

56 100

69 41.9 28.7 43.1

84 88.0 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 22.216 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

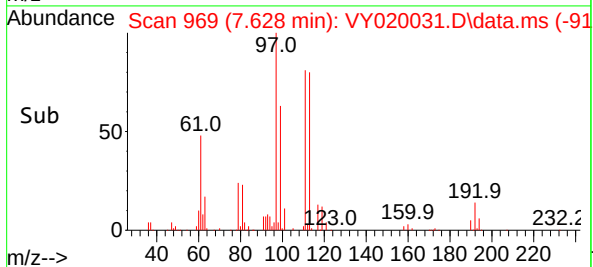
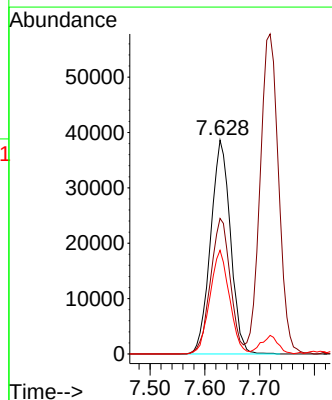
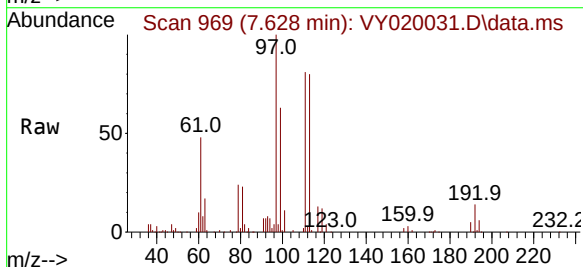
Tgt Ion: 97 Resp: 96949

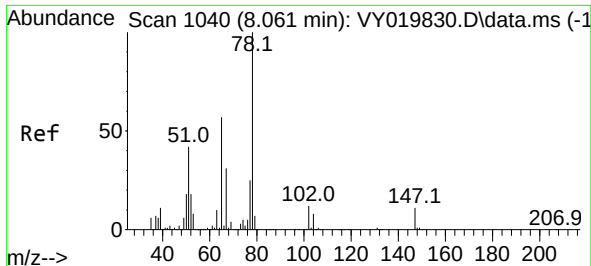
Ion Ratio Lower Upper

97 100

99 63.0 50.3 75.5

61 48.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.237 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

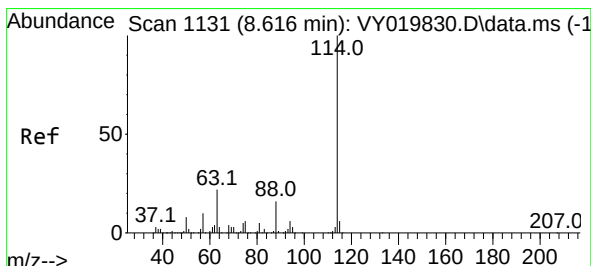
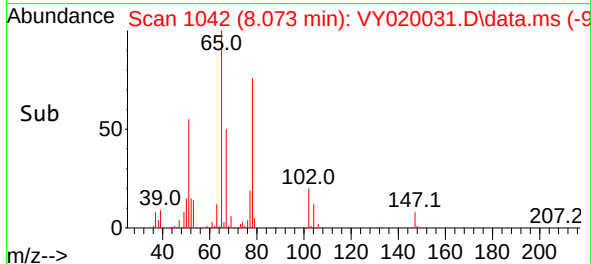
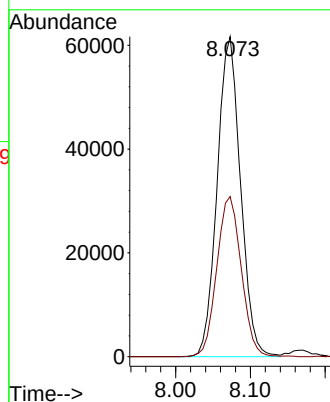
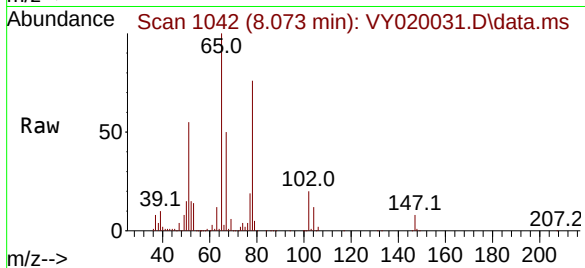
ClientSampleId :

Tgt Ion: 65 Resp: 134056

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

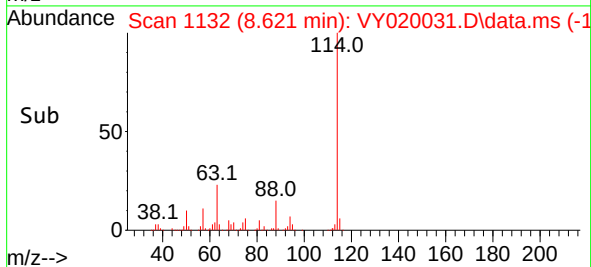
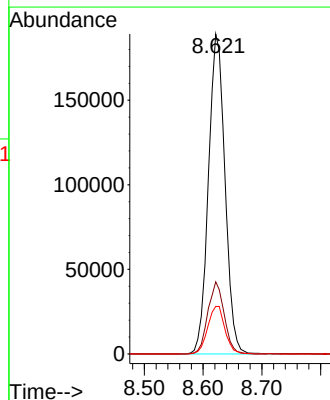
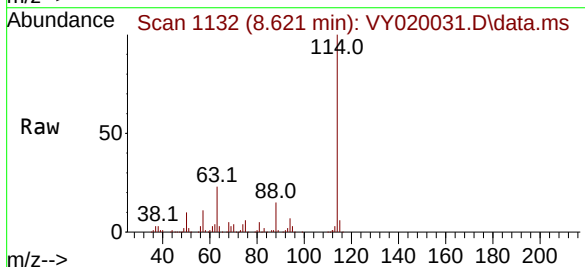
Tgt Ion: 114 Resp: 369952

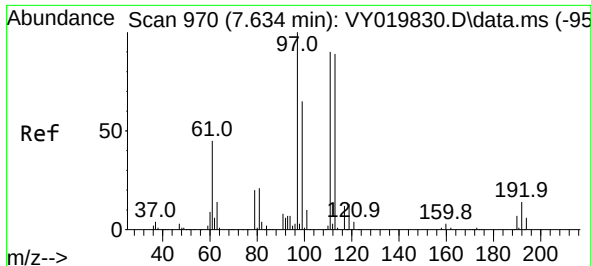
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 14.9 0.0 27.2

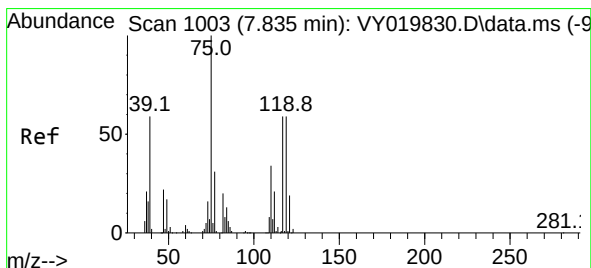
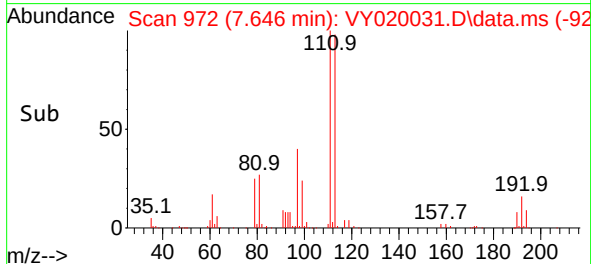
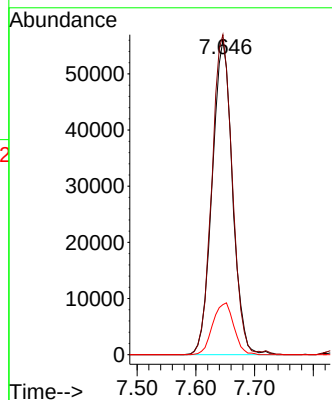
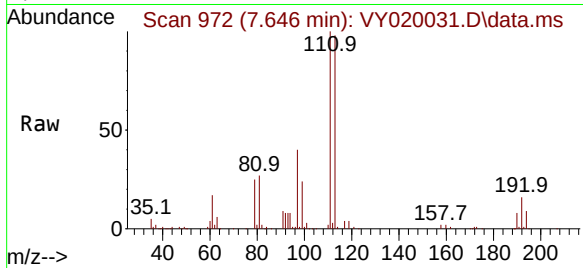




#35
Dibromofluoromethane
Concen: 54.949 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

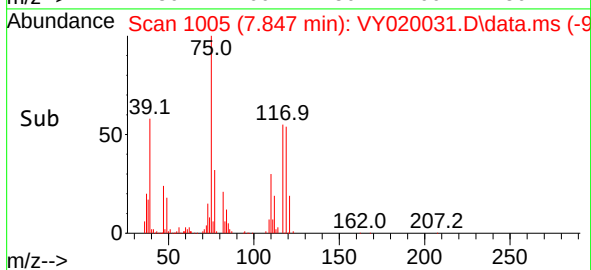
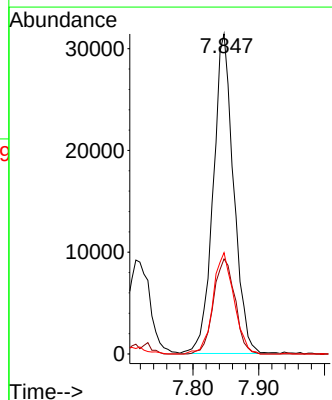
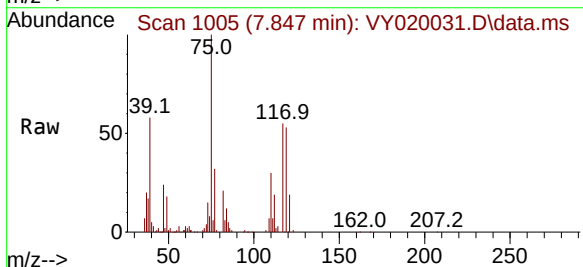
Instrument :
MSVOA_Y
ClientSampleId :

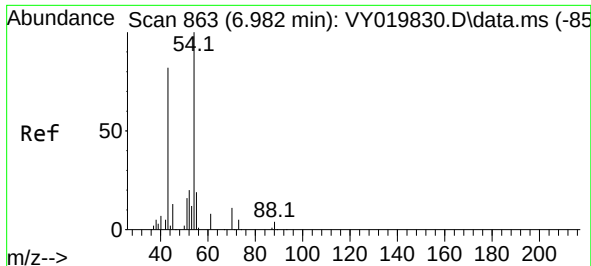
Tgt Ion:113 Resp: 134145
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.280 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 75 Resp: 67811
Ion Ratio Lower Upper
75 100
110 31.2 19.0 57.0
77 32.5 25.3 37.9





#37

Ethyl Acetate

Concen: 18.120 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

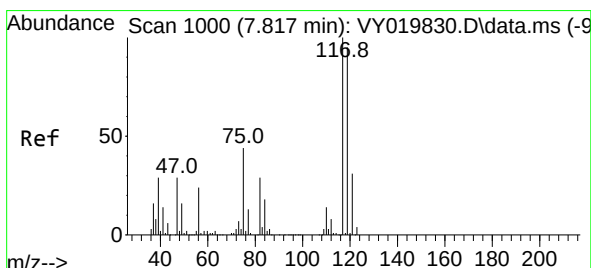
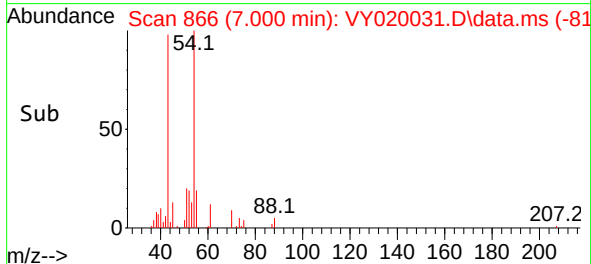
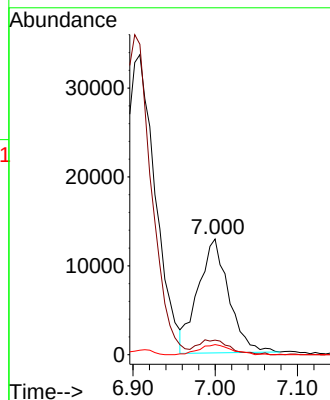
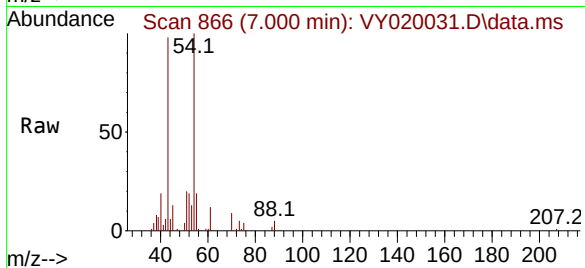
Tgt Ion: 43 Resp: 33231

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.796 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

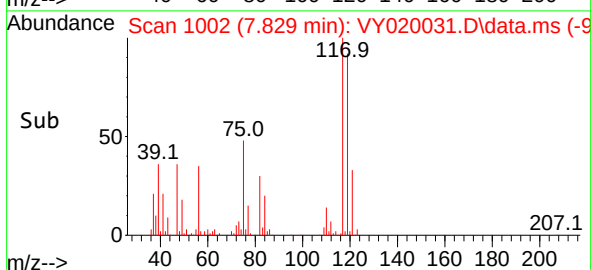
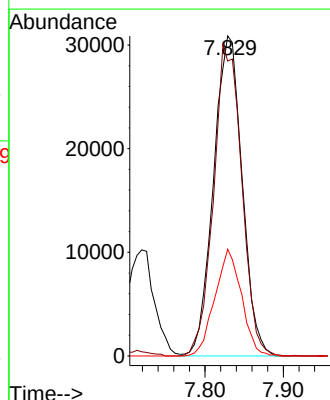
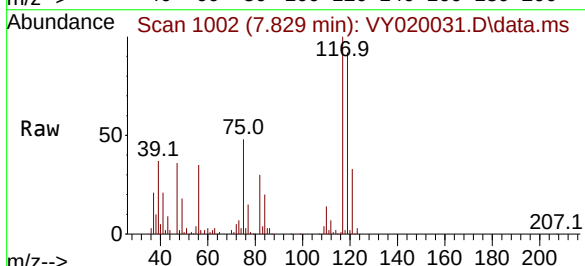
Tgt Ion: 117 Resp: 78408

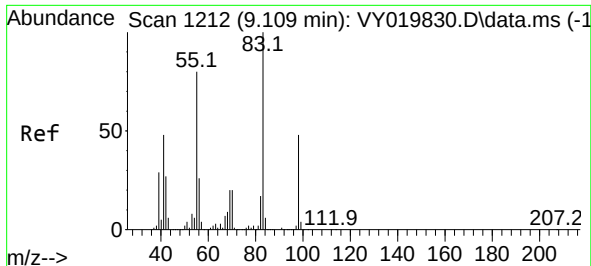
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.6

121 33.4 24.0 36.0





#39

Methylcyclohexane

Concen: 17.242 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

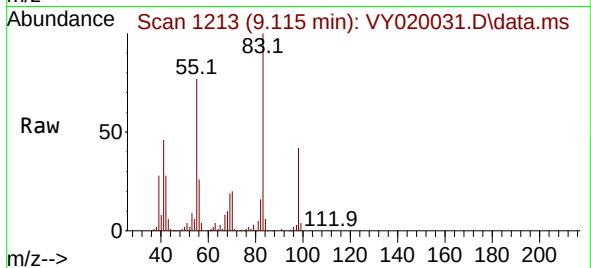
Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :



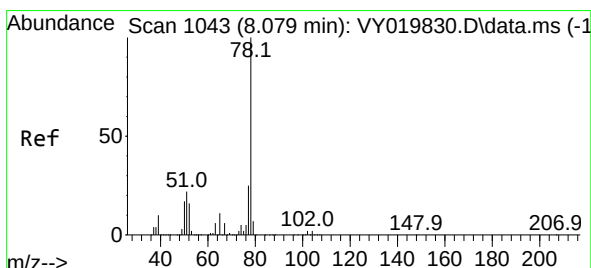
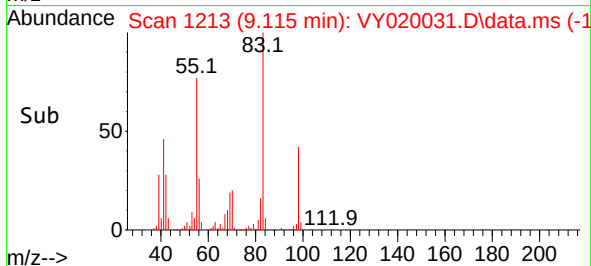
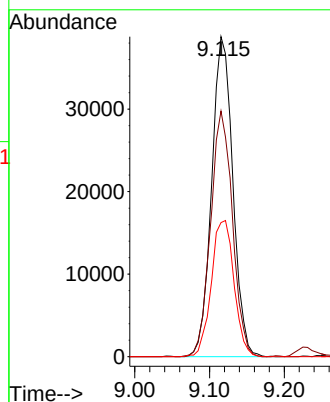
Tgt Ion: 83 Resp: 76409

Ion Ratio Lower Upper

83 100

55 76.8 51.5 77.3

98 41.9 40.5 60.7



#40

Benzene

Concen: 19.816 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY020031.D

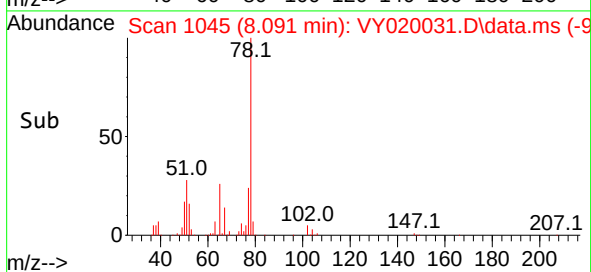
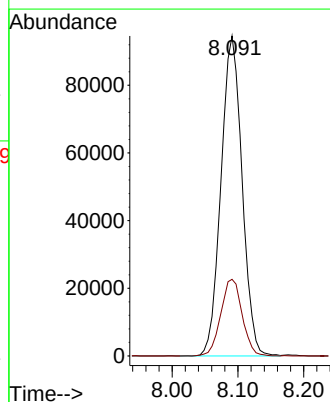
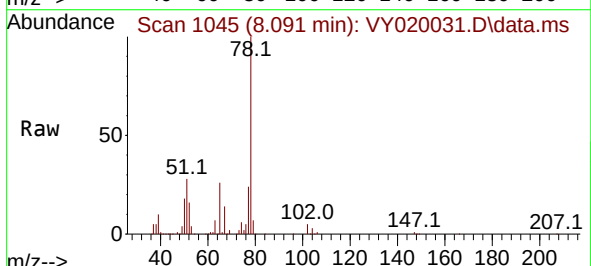
Acq: 28 Oct 2024 10:40

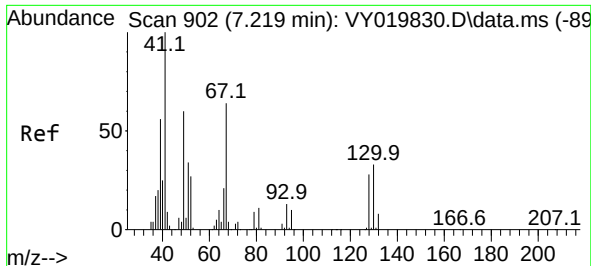
Tgt Ion: 78 Resp: 210923

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

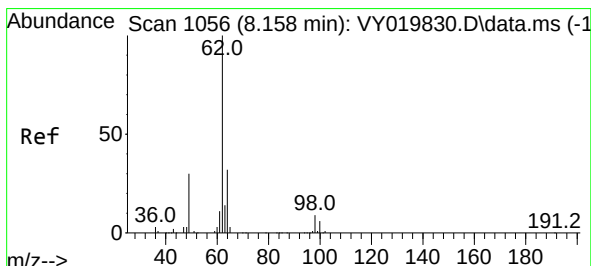
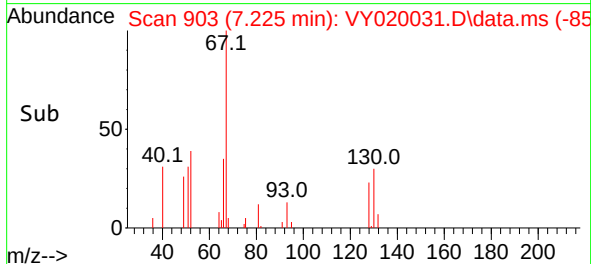
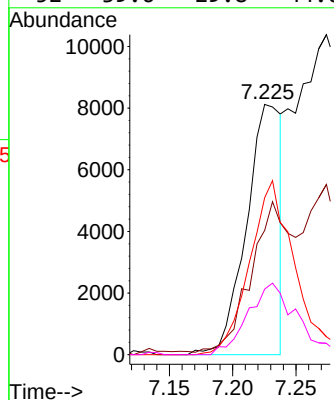
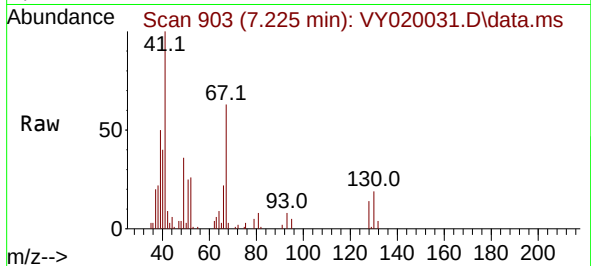




#41
Methacrylonitrile
Concen: 15.729 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

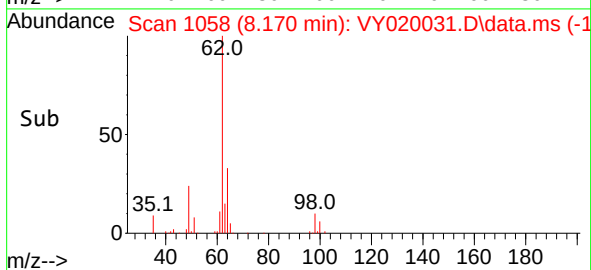
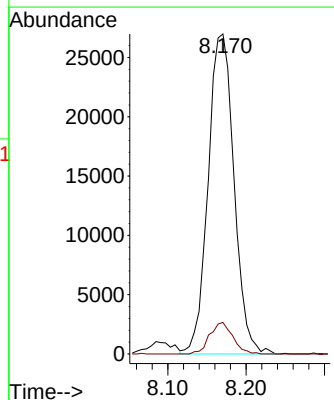
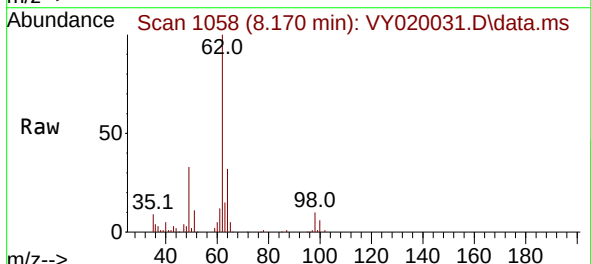
Instrument :
MSVOA_Y
ClientSampleId :

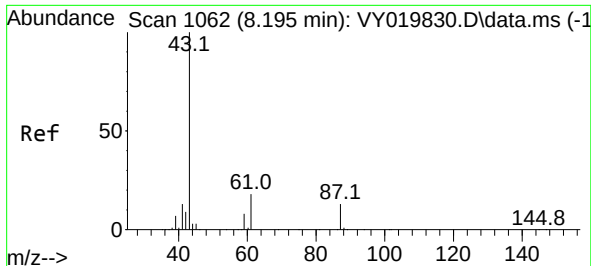
Tgt Ion:	41	Resp:	15612
Ion	Ratio	Lower	Upper
41	100		
39	70.6	48.0	72.0
67	89.3	75.1	112.7
52	39.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.296 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:	62	Resp:	62066
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0

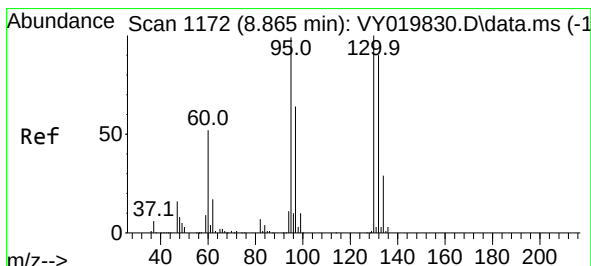
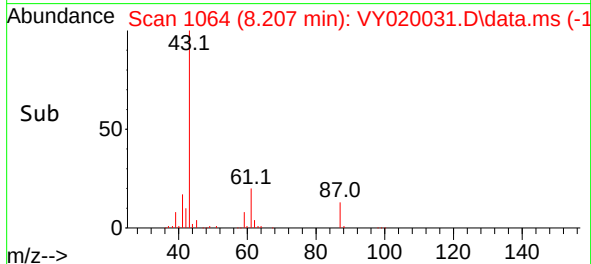
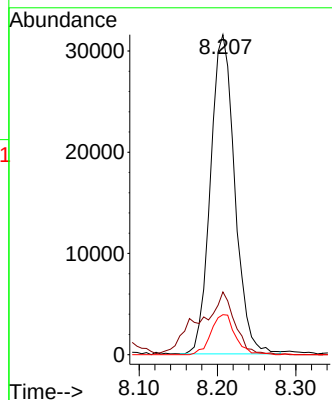
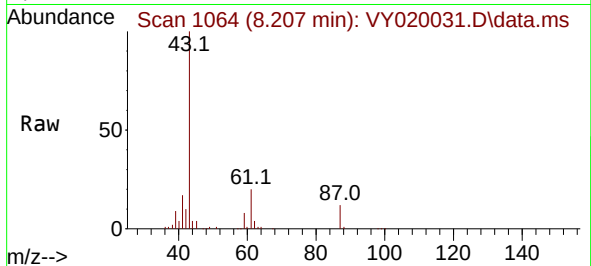




#43
Isopropyl Acetate
Concen: 18.176 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

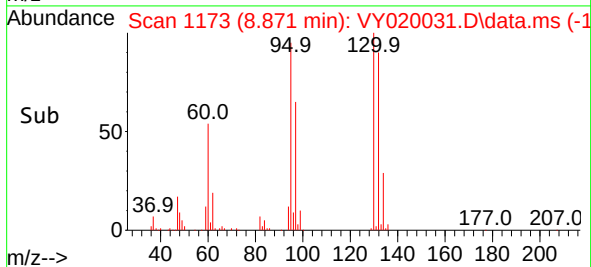
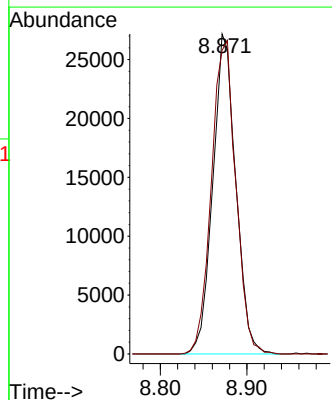
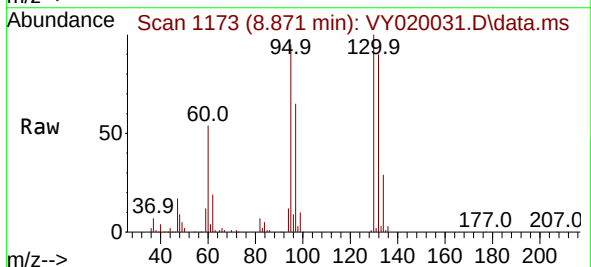
Instrument :
MSVOA_Y
ClientSampleId :

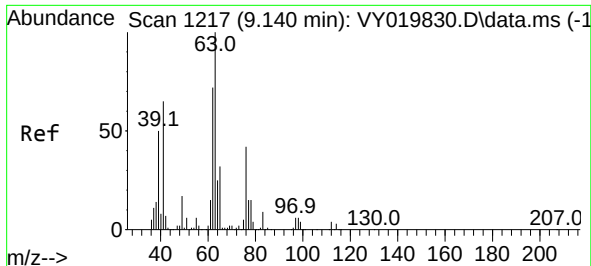
Tgt Ion: 43 Resp: 67982
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 12.5 13.1 19.7#



#44
Trichloroethene
Concen: 19.408 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:130 Resp: 50034
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.317 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

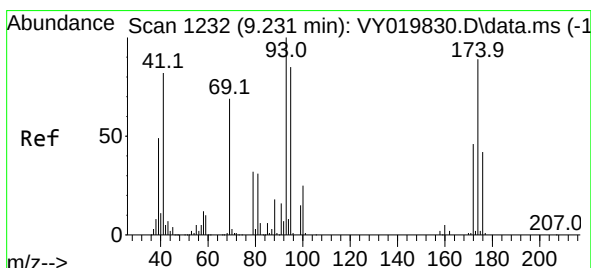
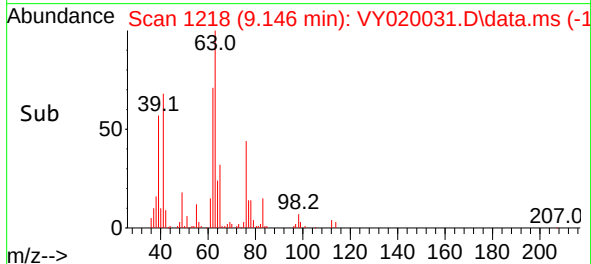
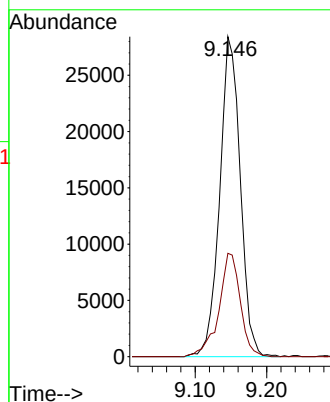
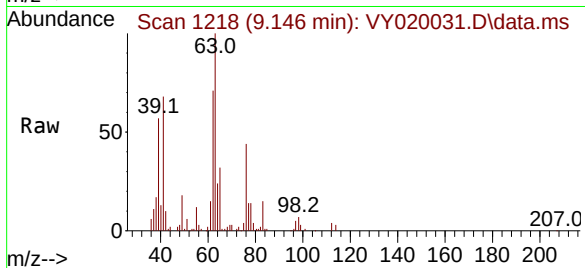
ClientSampleId :

Tgt Ion: 63 Resp: 56792

Ion Ratio Lower Upper

63 100

65 32.3 25.4 38.2



#46

Dibromomethane

Concen: 19.112 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

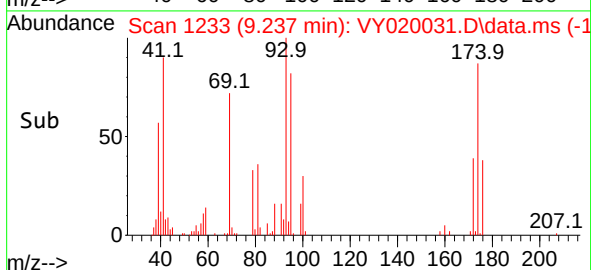
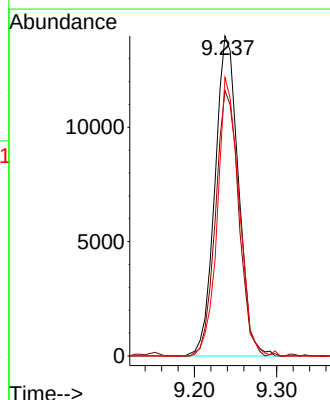
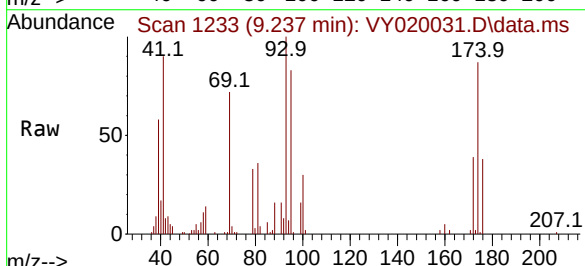
Tgt Ion: 93 Resp: 27820

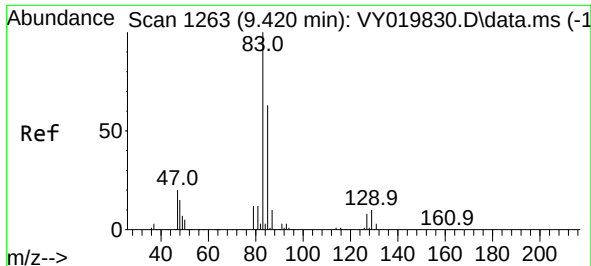
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 80.4 80.9 121.3

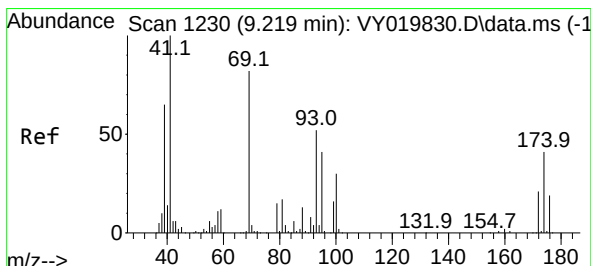
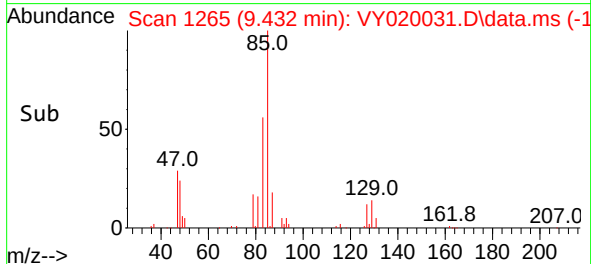
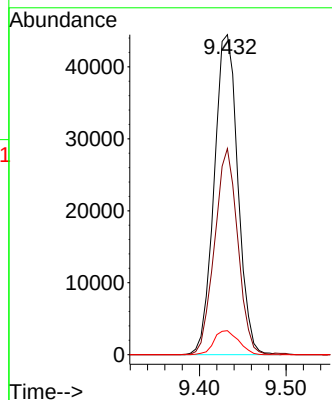
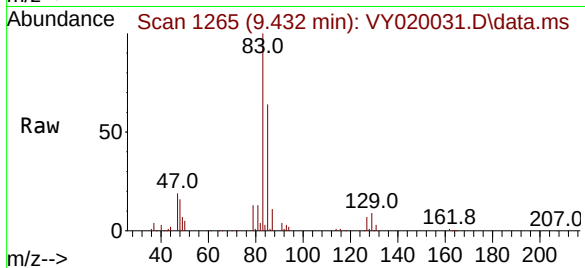




#47
Bromodichloromethane
Concen: 21.861 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

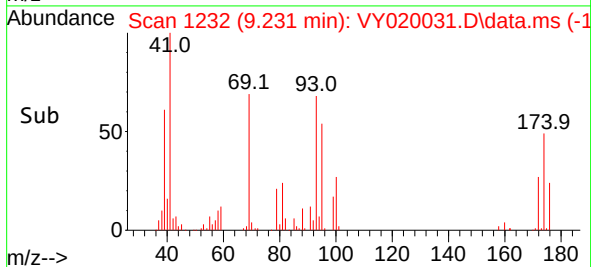
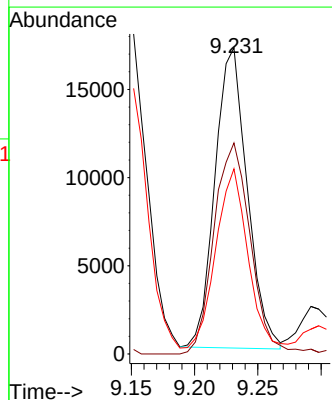
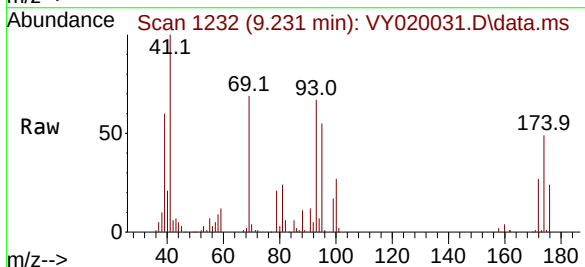
Instrument :
MSVOA_Y
ClientSampleId :

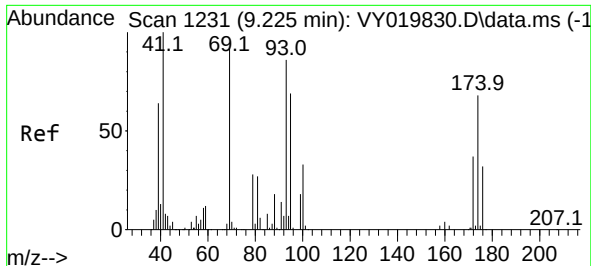
Tgt Ion: 83 Resp: 84461
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 7.5 7.4 11.0



#48
Methyl methacrylate
Concen: 18.334 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 41 Resp: 30163
Ion Ratio Lower Upper
41 100
69 80.2 84.1 126.1#
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 343.739 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

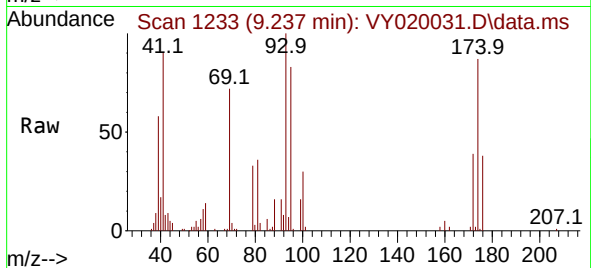
Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

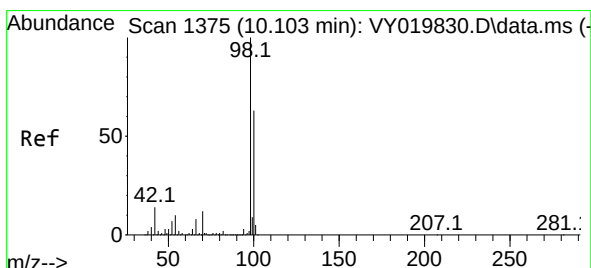
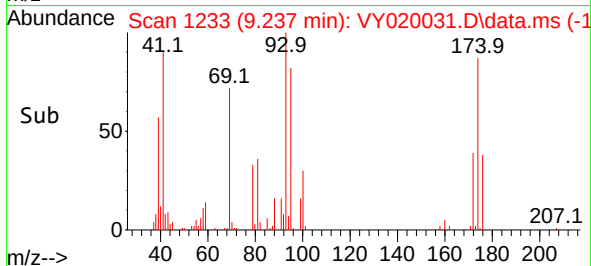
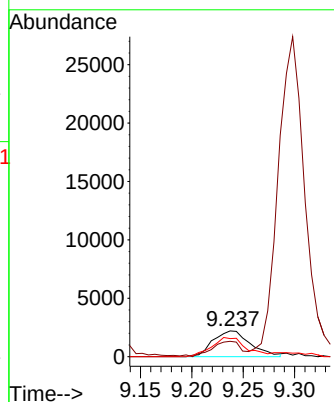
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	5600
Ion Ratio	Lower	Upper	
88	100		
43	41.7	0.0	0.0#
58	67.7	49.3	73.9



#50

Toluene-d8

Concen: 53.749 ug/l

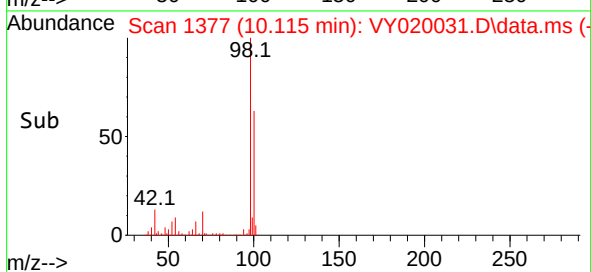
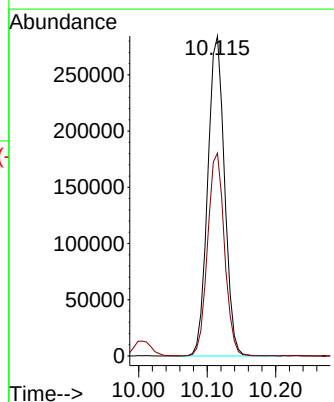
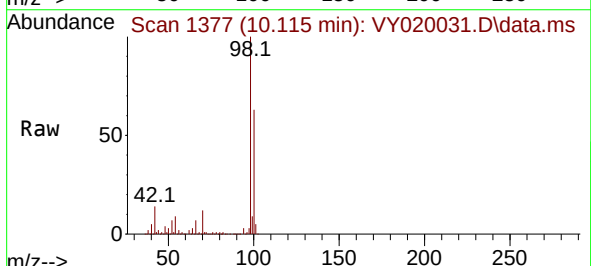
RT: 10.115 min Scan# 1377

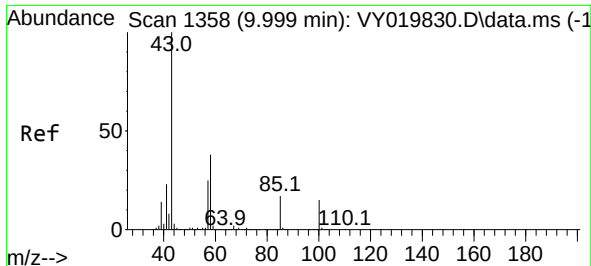
Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Tgt Ion:	98	Resp:	484561
Ion Ratio	Lower	Upper	
98	100		
100	63.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 95.896 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

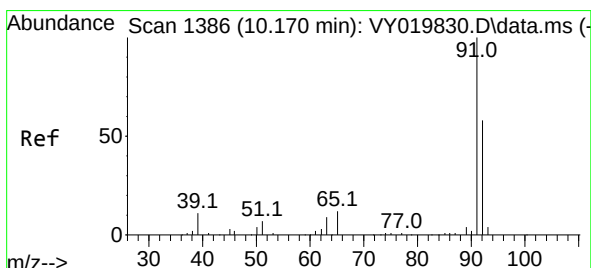
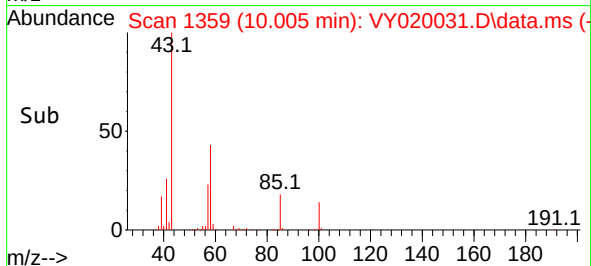
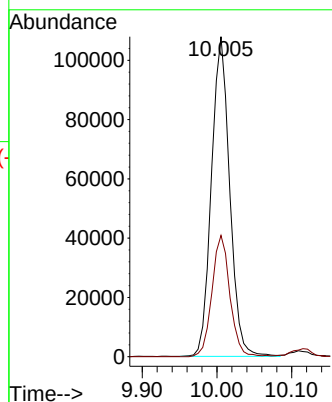
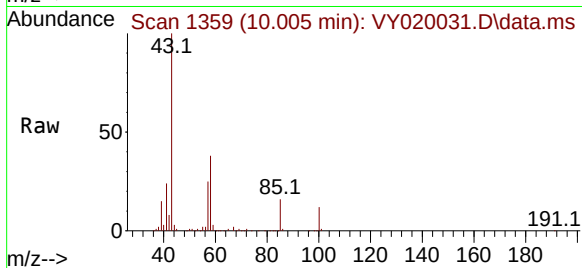
ClientSampleId :

Tgt Ion: 43 Resp: 182942

Ion Ratio Lower Upper

43 100

58 37.3 35.7 53.5



#52

Toluene

Concen: 20.376 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020031.D

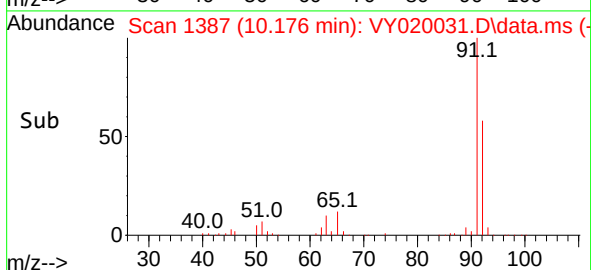
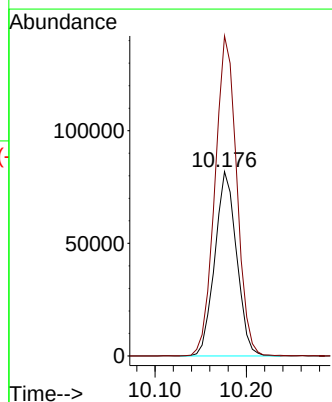
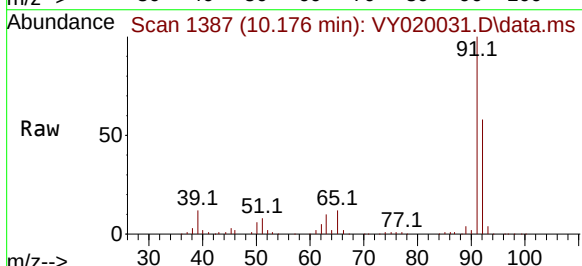
Acq: 28 Oct 2024 10:40

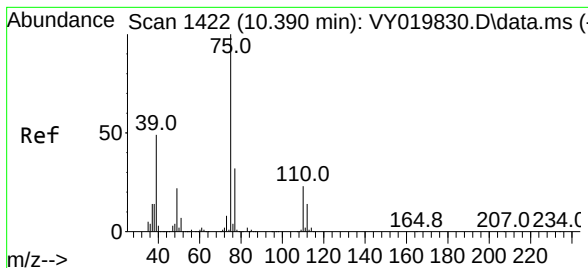
Tgt Ion: 92 Resp: 135380

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6

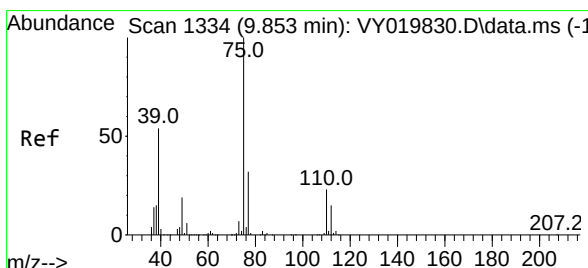
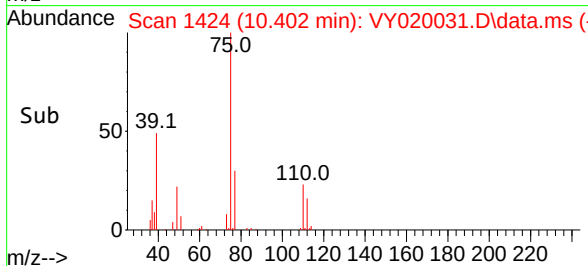
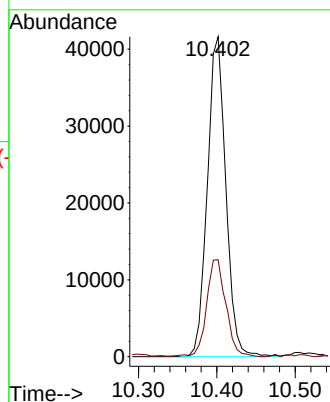
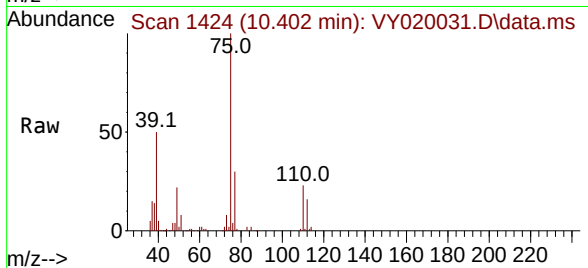




#53
 t-1,3-Dichloropropene
 Concen: 19.605 ug/l
 RT: 10.402 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

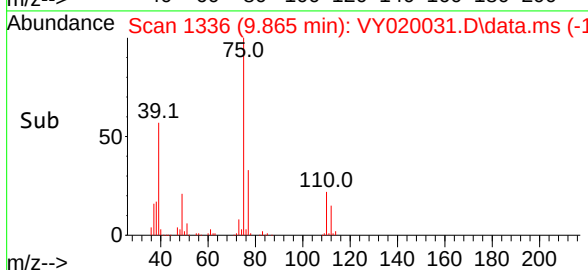
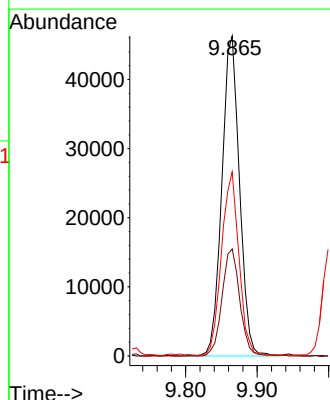
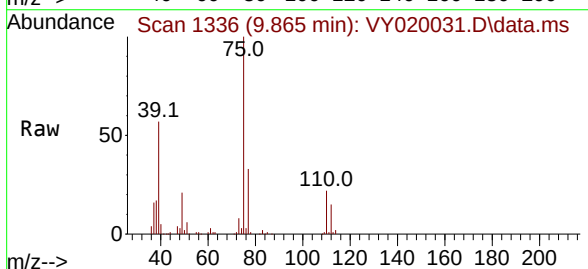
Instrument :
 MSVOA_Y
 ClientSampleId :

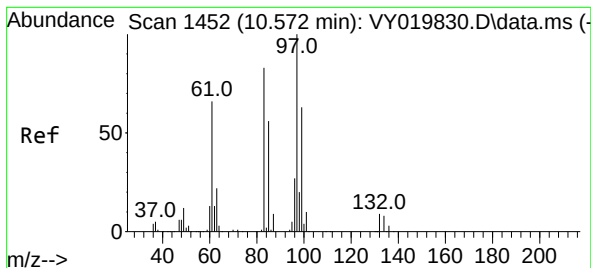
Tgt Ion: 75 Resp: 68153
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.331 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020031.D
 Acq: 28 Oct 2024 10:40

Tgt Ion: 75 Resp: 79294
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.4 38.0
 39 57.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.256 ug/l

RT: 10.578 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 40764

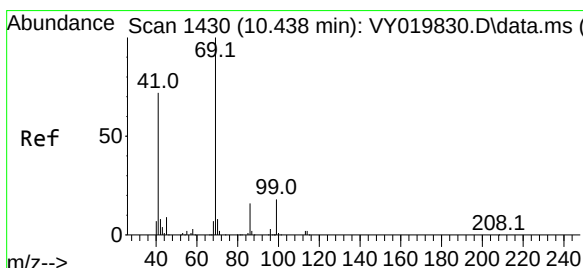
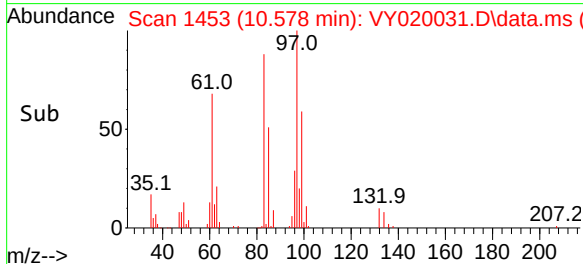
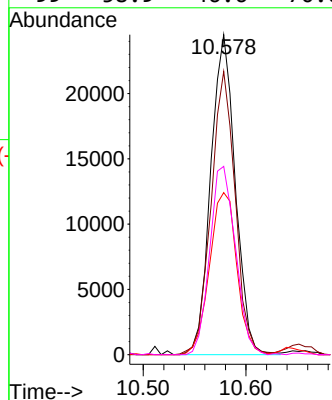
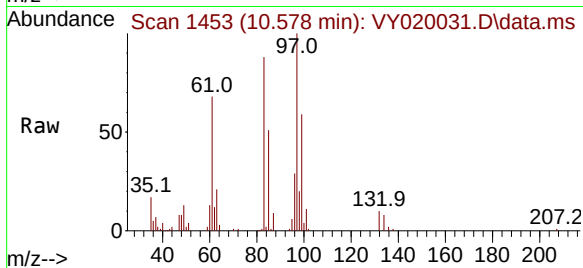
Ion Ratio Lower Upper

97 100

83 88.2 67.5 101.3

85 50.7 42.9 64.3

99 58.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.223 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

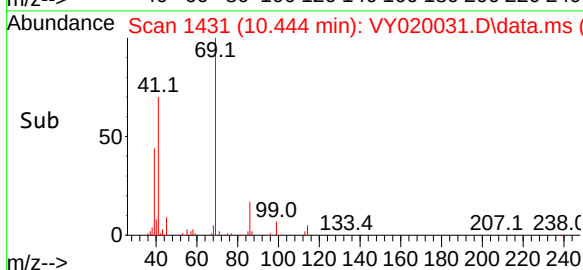
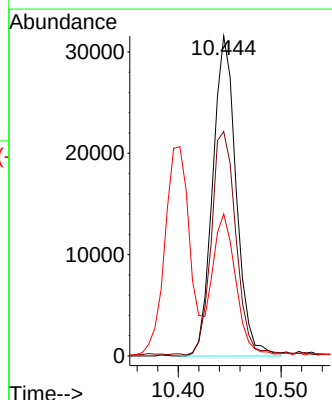
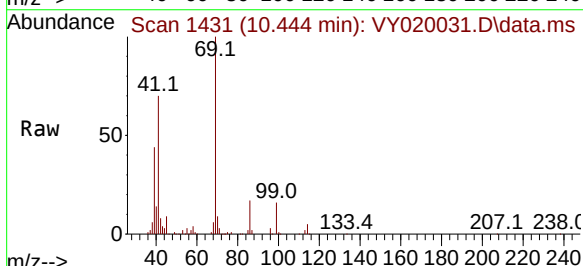
Tgt Ion: 69 Resp: 50145

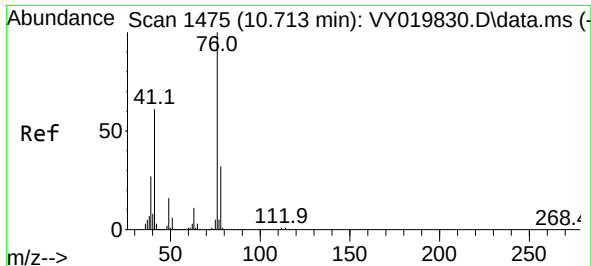
Ion Ratio Lower Upper

69 100

41 73.3 42.3 63.5#

39 41.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.423 ug/l

RT: 10.725 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

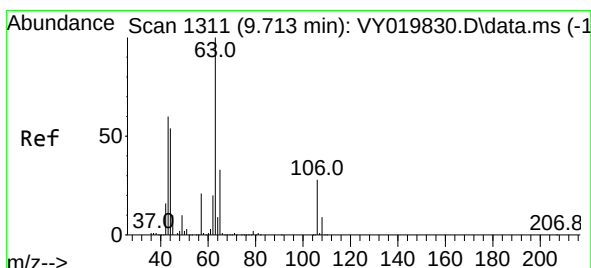
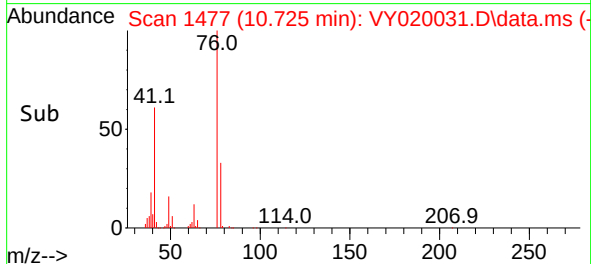
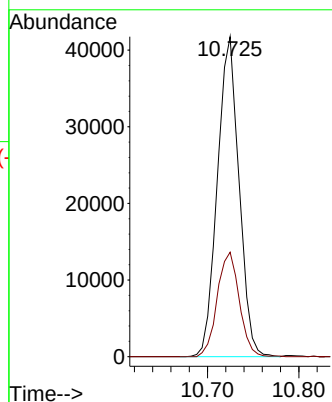
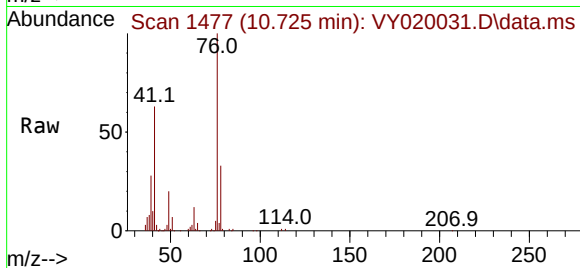
ClientSampleId :

Tgt Ion: 76 Resp: 68783

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.218 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY020031.D

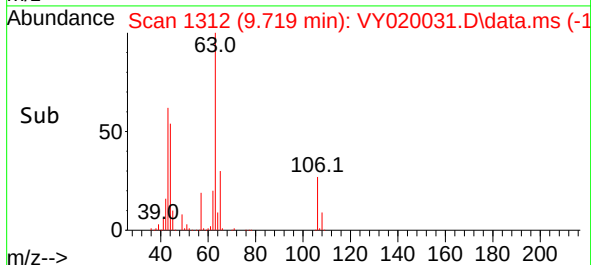
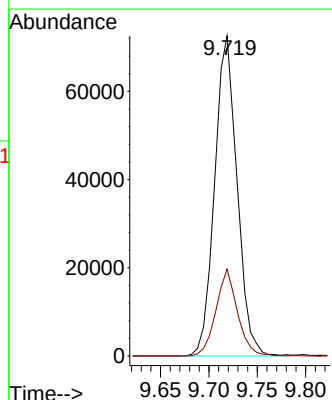
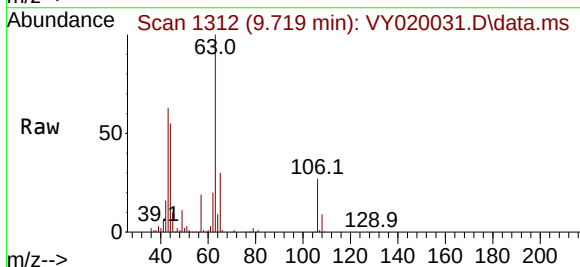
Acq: 28 Oct 2024 10:40

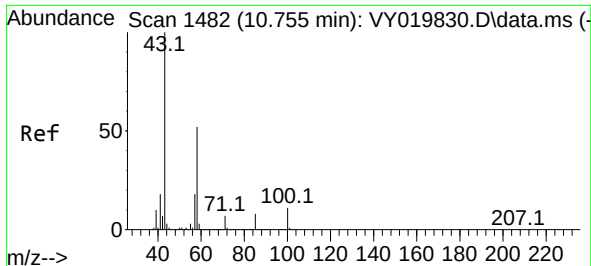
Tgt Ion: 63 Resp: 116854

Ion Ratio Lower Upper

63 100

106 26.0 23.7 35.5





#59

2-Hexanone

Concen: 102.172 ug/l

RT: 10.767 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

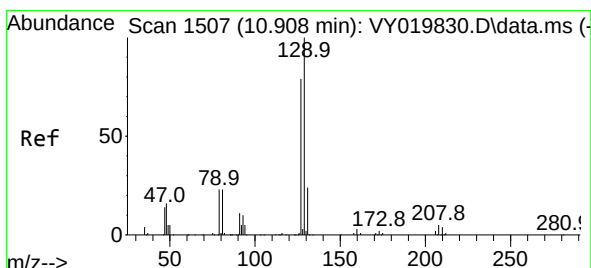
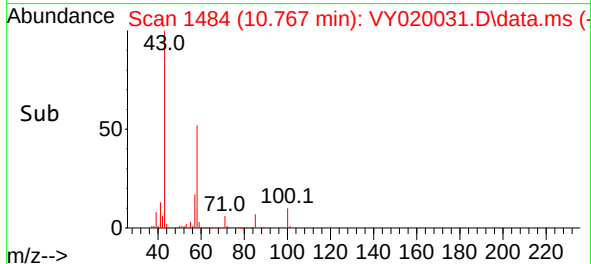
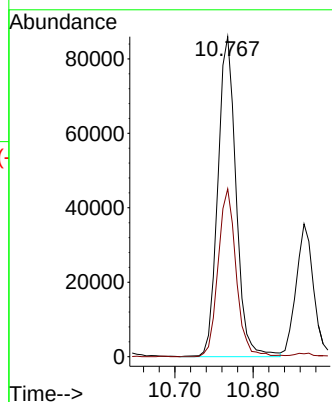
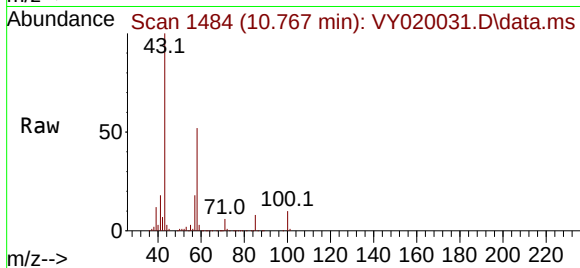
ClientSampleId :

Tgt Ion: 43 Resp: 139215

Ion Ratio Lower Upper

43 100

58 52.0 31.4 94.0



#60

Dibromochloromethane

Concen: 20.444 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY020031.D

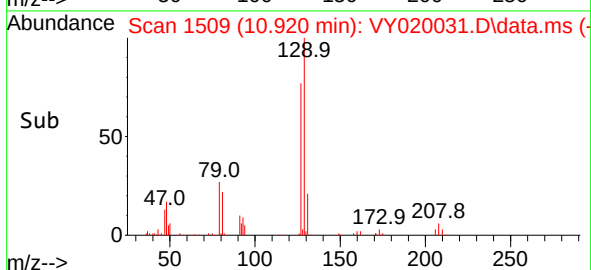
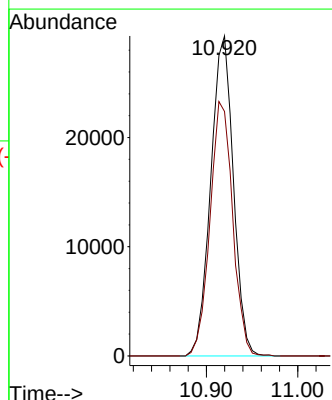
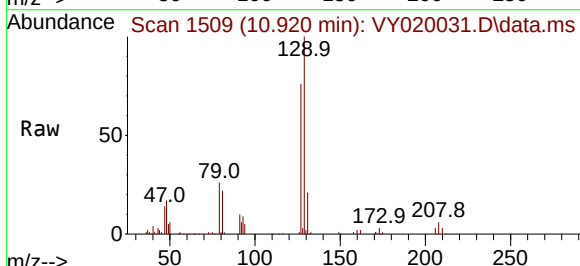
Acq: 28 Oct 2024 10:40

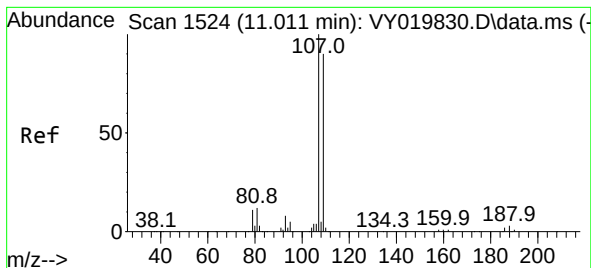
Tgt Ion: 129 Resp: 50323

Ion Ratio Lower Upper

129 100

127 79.5 39.0 117.0

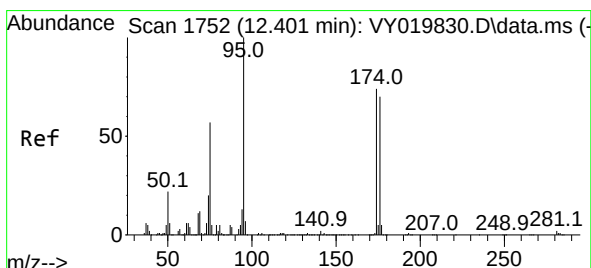
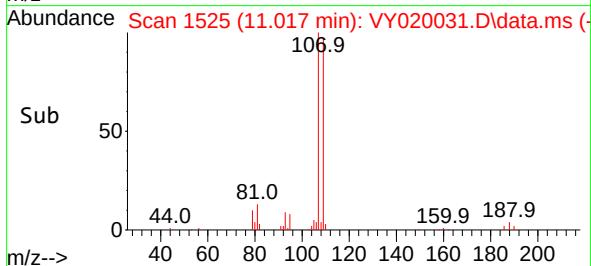
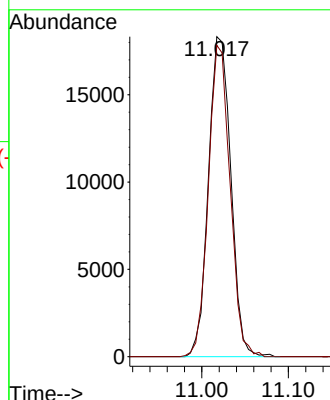
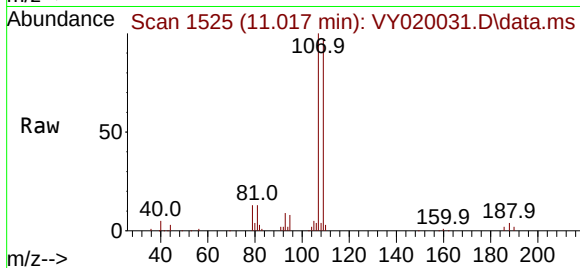




#61
1,2-Dibromoethane
Concen: 19.008 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

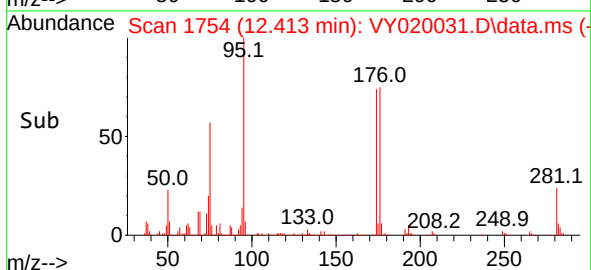
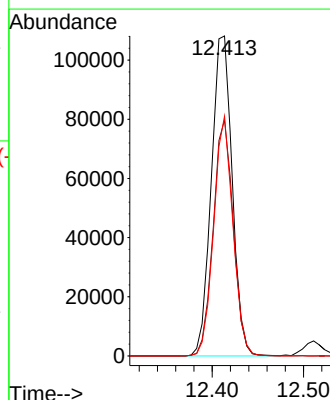
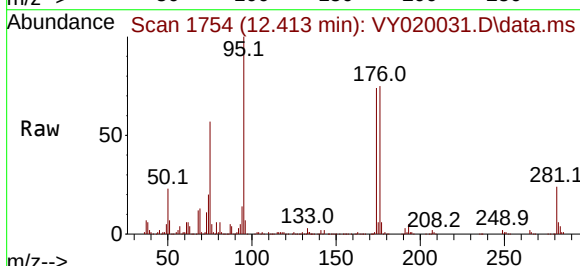
Instrument :
MSVOA_Y
ClientSampleId :

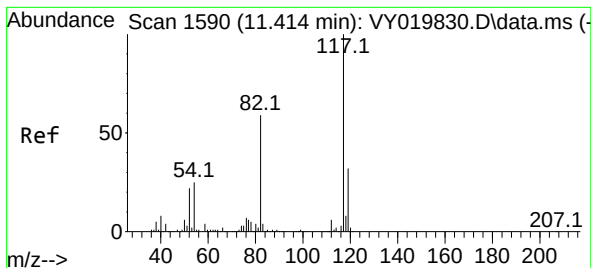
Tgt Ion:107 Resp: 32941
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.454 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 95 Resp: 170868
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

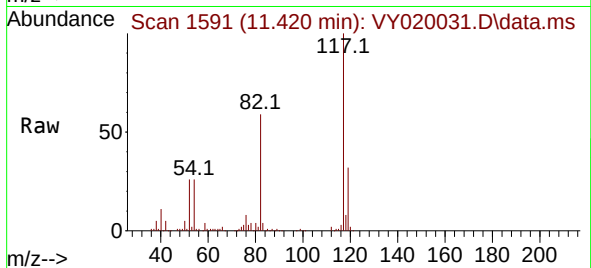
Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :



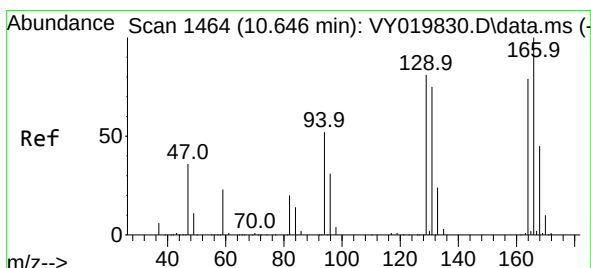
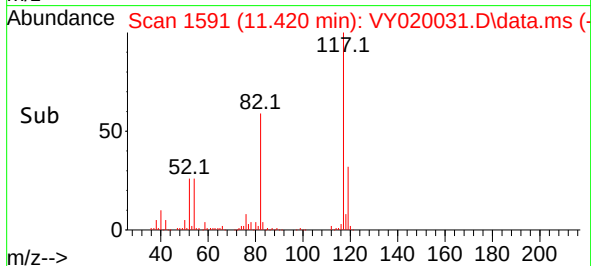
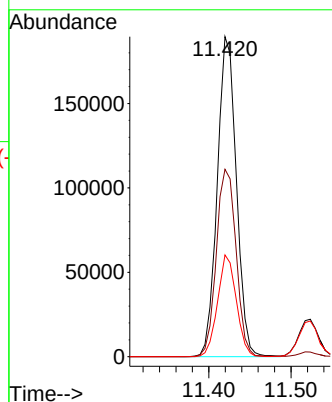
Tgt Ion:117 Resp: 306417

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 18.914 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Tgt Ion:164 Resp: 41223

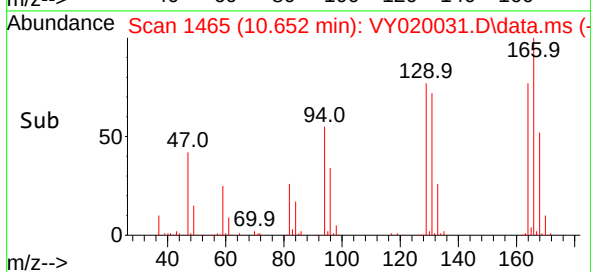
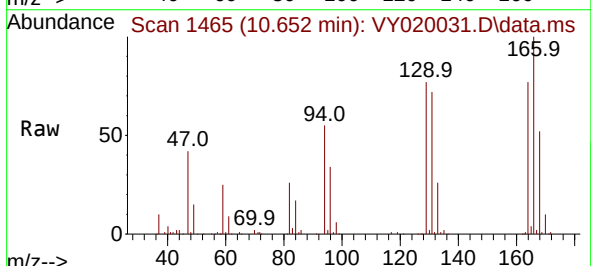
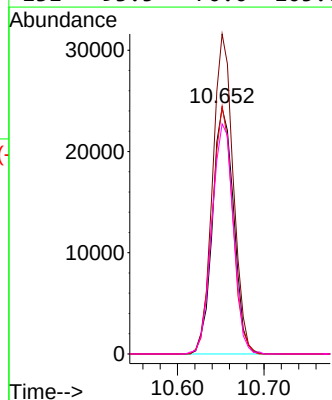
Ion Ratio Lower Upper

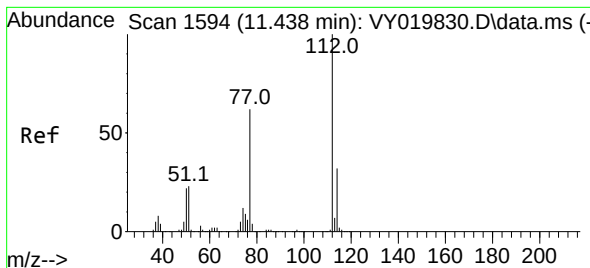
164 100

166 130.1 102.6 154.0

129 100.8 72.0 108.0

131 93.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.906 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

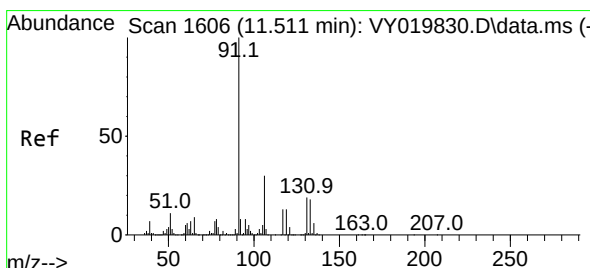
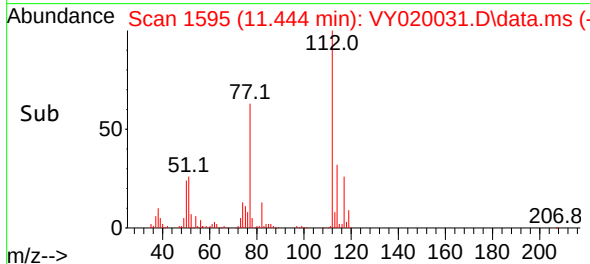
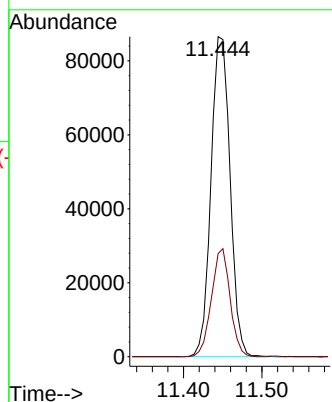
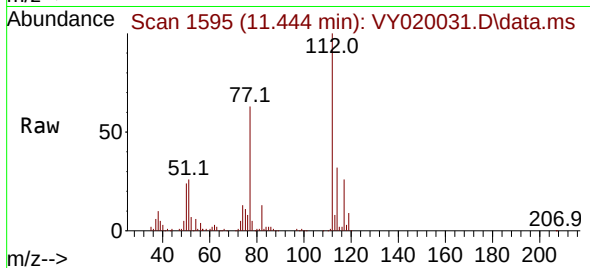
ClientSampleId :

Tgt Ion:112 Resp: 146521

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.999 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

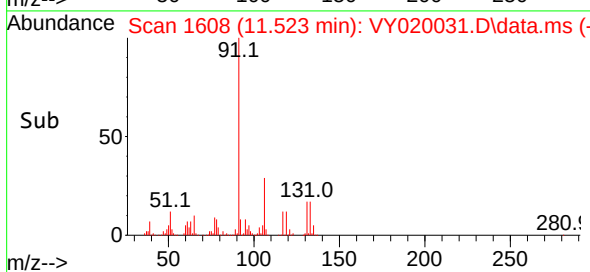
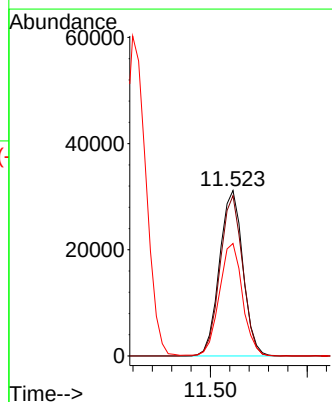
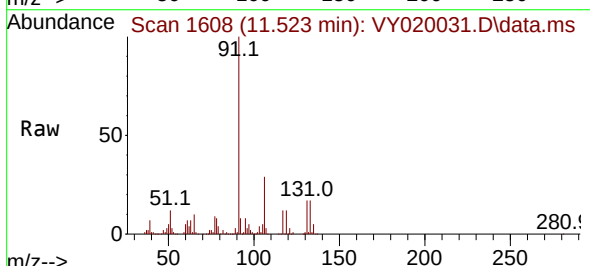
Tgt Ion:131 Resp: 52164

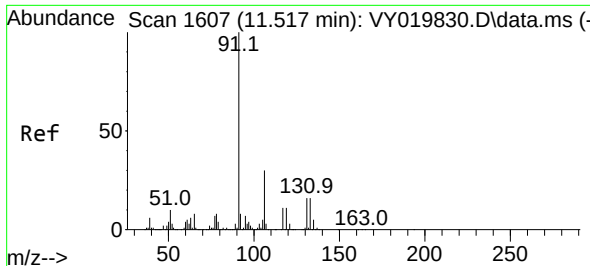
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 67.7 34.1 102.2

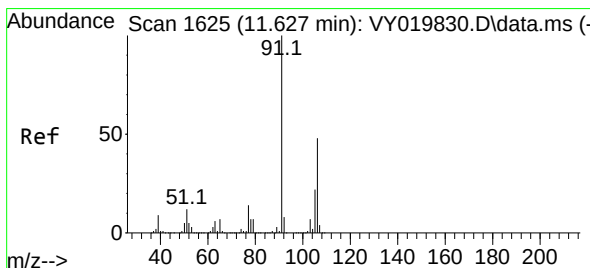
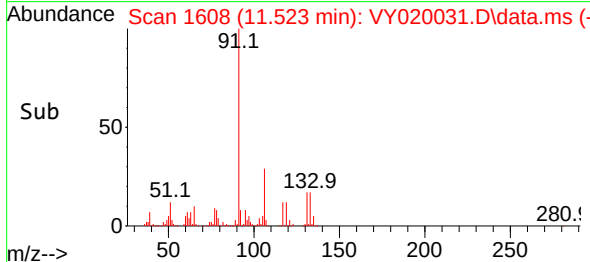
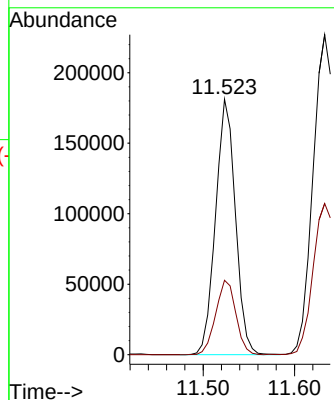
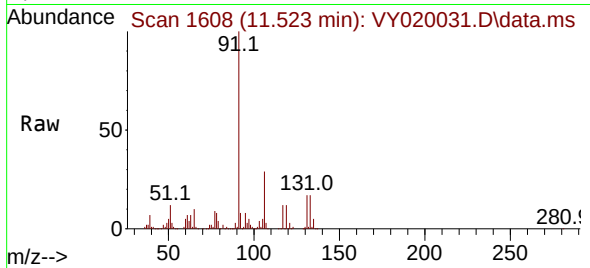




#67
Ethyl Benzene
Concen: 21.475 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

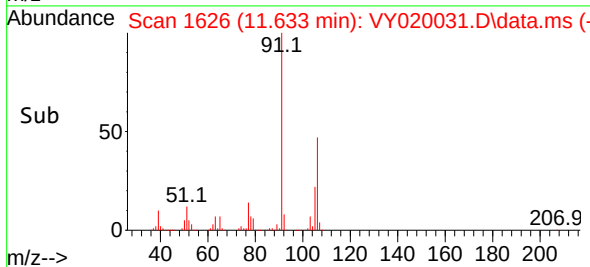
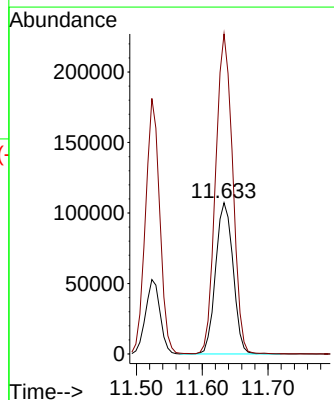
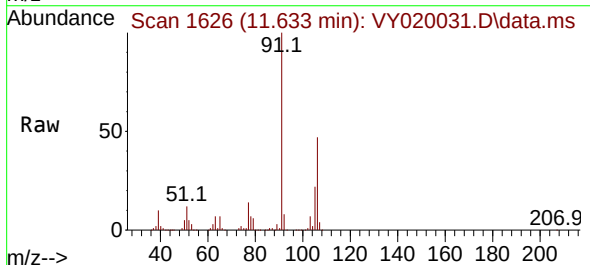
Instrument :
MSVOA_Y
ClientSampleId :

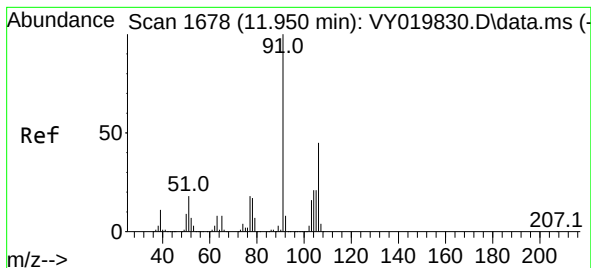
Tgt Ion: 91 Resp: 273403
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7



#68
m/p-Xylenes
Concen: 42.075 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:106 Resp: 197834
Ion Ratio Lower Upper
106 100
91 207.3 156.0 234.0





#69

o-Xylene

Concen: 21.082 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

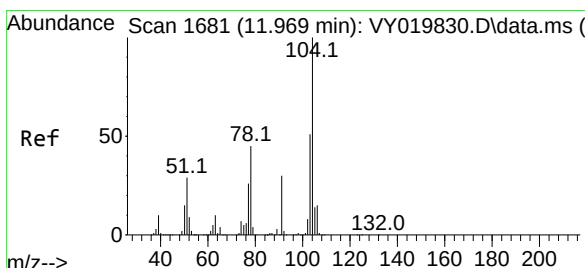
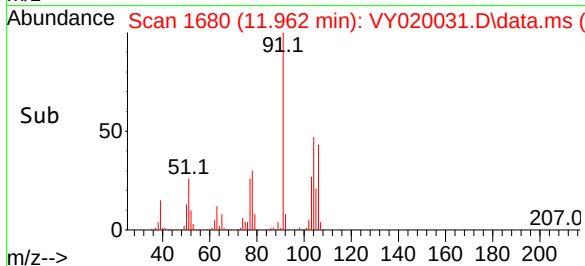
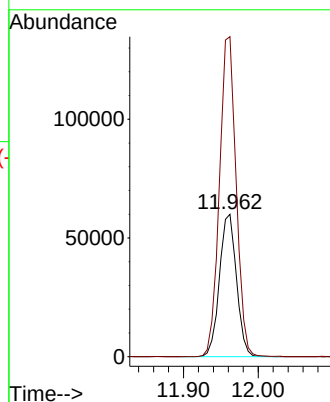
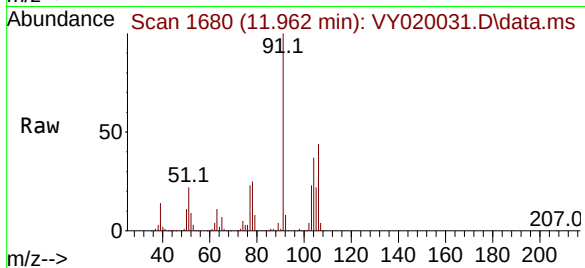
ClientSampleId :

Tgt Ion:106 Resp: 95240

Ion Ratio Lower Upper

106 100

91 220.8 103.6 310.8



#70

Styrene

Concen: 21.488 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

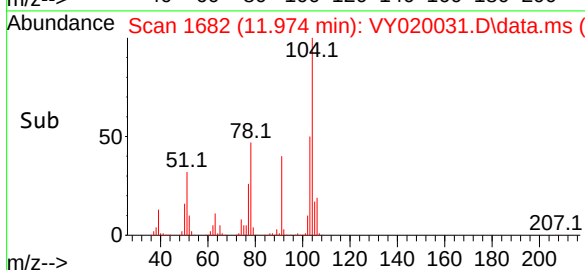
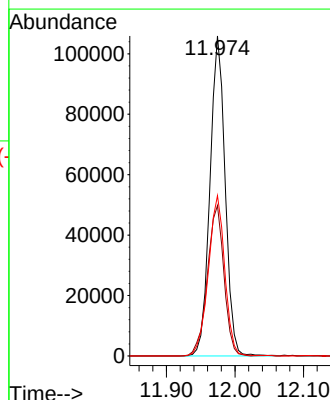
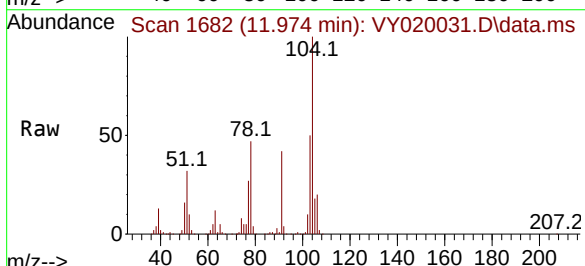
Tgt Ion:104 Resp: 163782

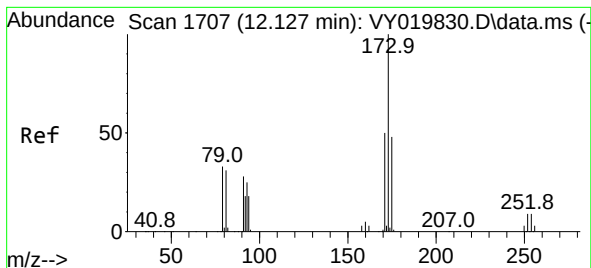
Ion Ratio Lower Upper

104 100

78 51.2 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 19.953 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

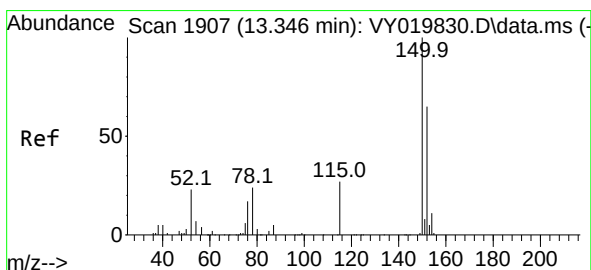
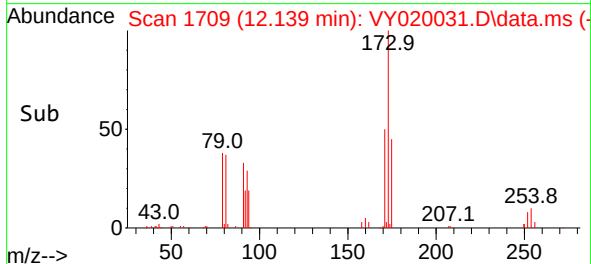
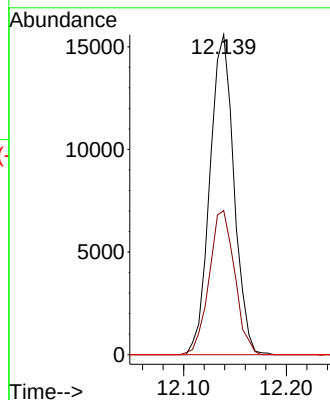
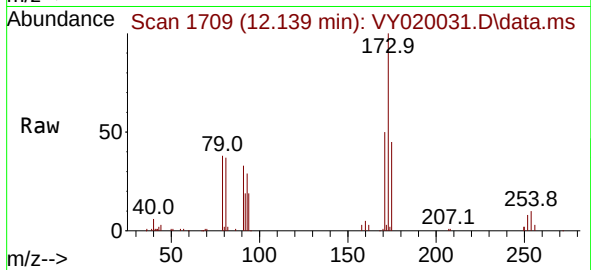
Tgt Ion:173 Resp: 25328

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

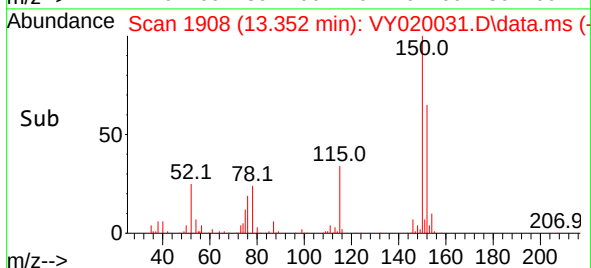
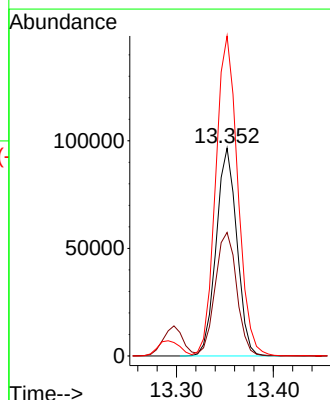
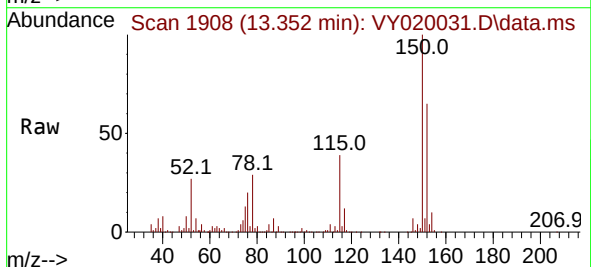
Tgt Ion:152 Resp: 143516

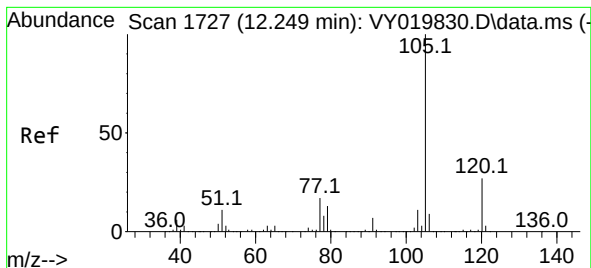
Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 164.2 0.0 345.6





#73

Isopropylbenzene

Concen: 22.434 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

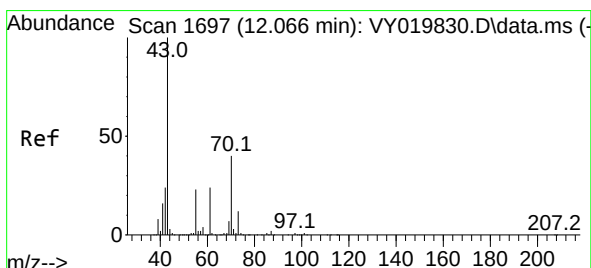
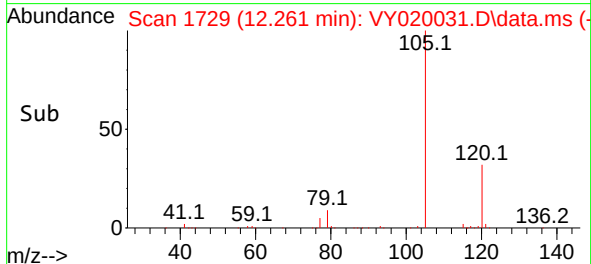
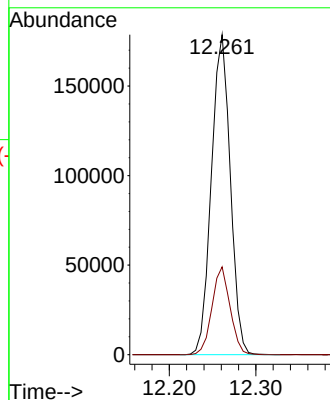
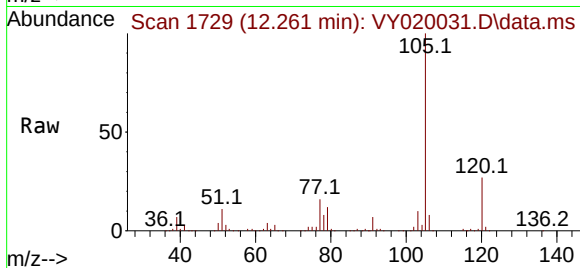
ClientSampleId :

Tgt Ion:105 Resp: 270812

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 18.505 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Tgt Ion: 43 Resp: 59166

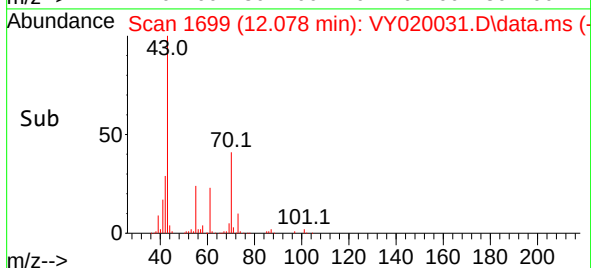
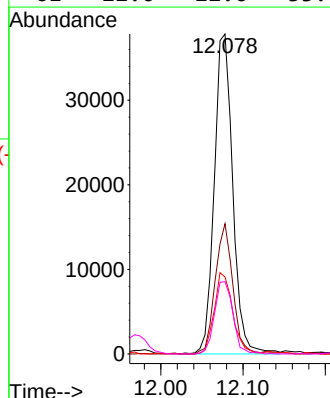
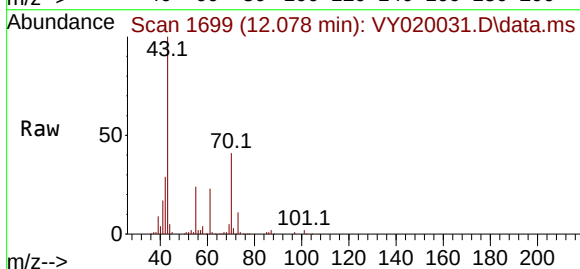
Ion Ratio Lower Upper

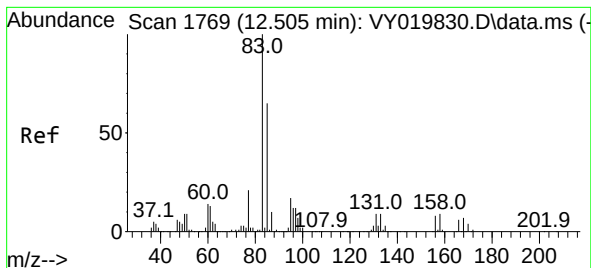
43 100

70 38.6 41.4 62.2#

55 25.4 23.3 34.9

61 22.6 22.6 33.8

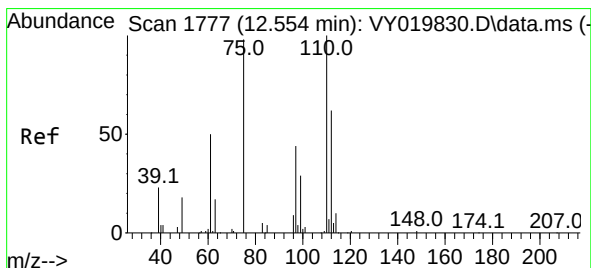
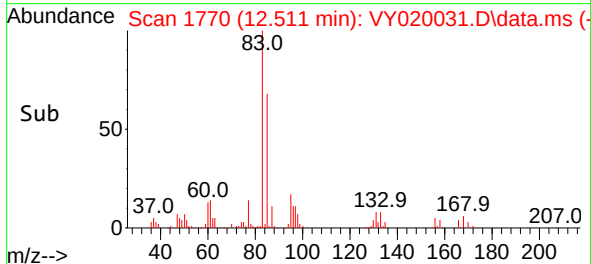
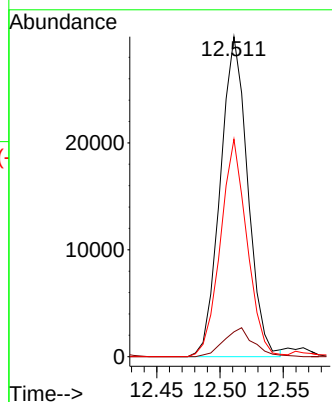
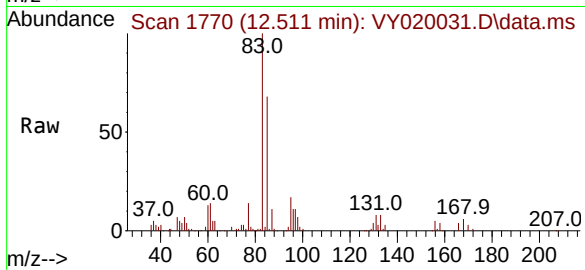




#75
1,1,2,2-Tetrachloroethane
Concen: 21.074 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

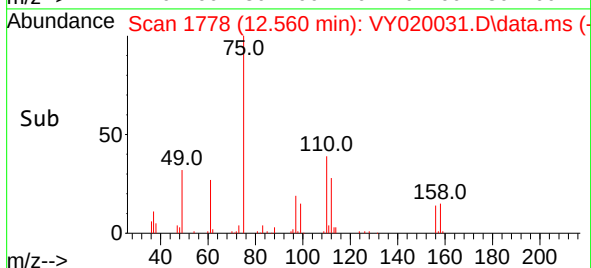
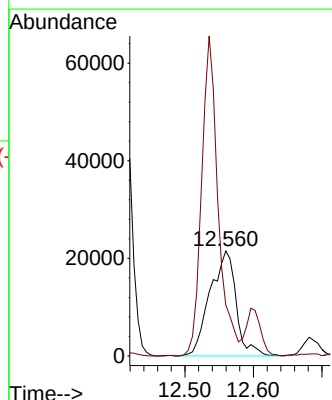
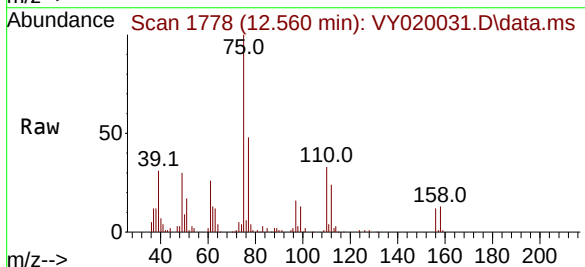
Instrument :
MSVOA_Y
ClientSampleId :

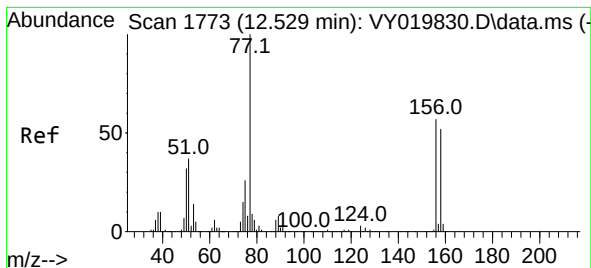
Tgt Ion: 83 Resp: 45204
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 20.276 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 75 Resp: 57006
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.717 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020031.D

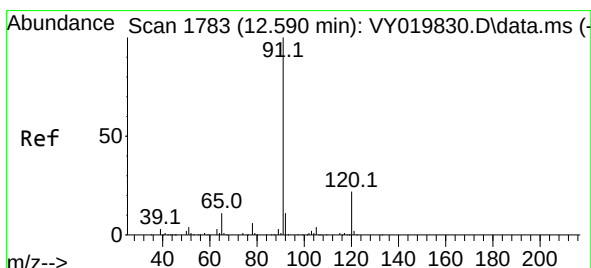
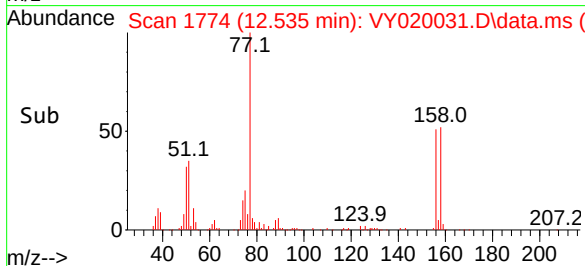
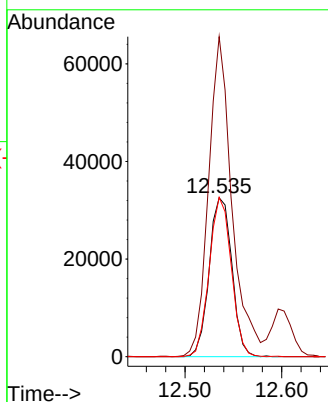
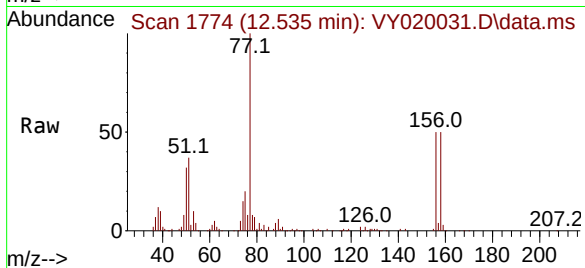
Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	53070
Ion Ratio	Lower	Upper	
156	100		
77	207.3	87.1	261.3
158	97.7	48.6	145.9



#78

n-propylbenzene

Concen: 22.449 ug/l

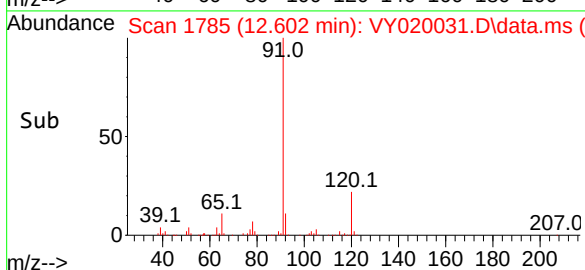
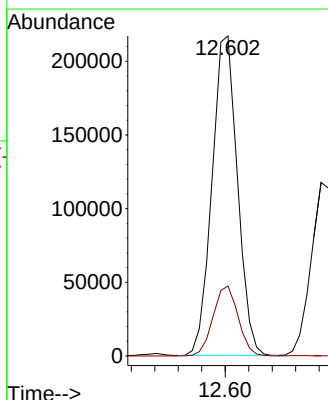
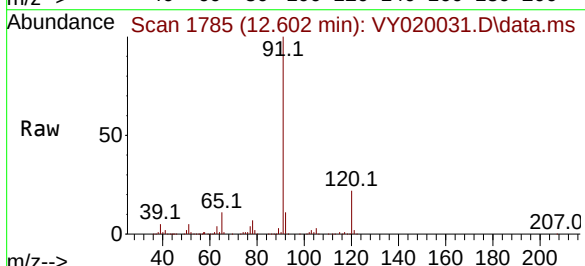
RT: 12.602 min Scan# 1785

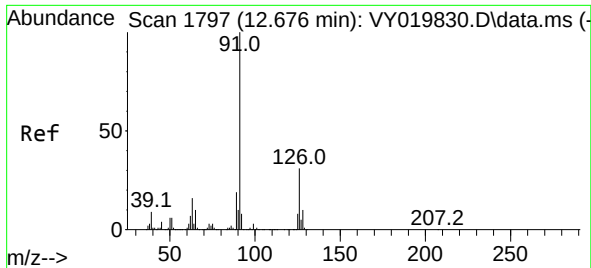
Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Tgt Ion:	91	Resp:	327444
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4

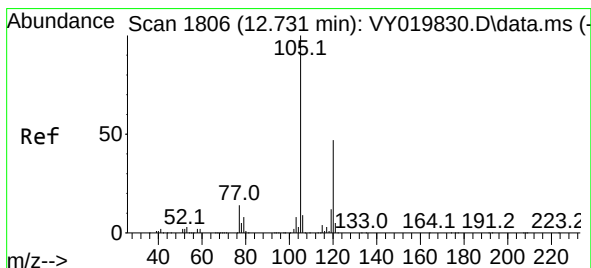
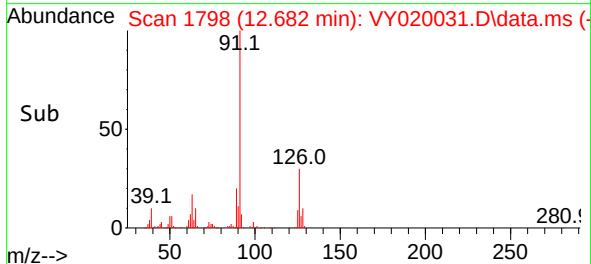
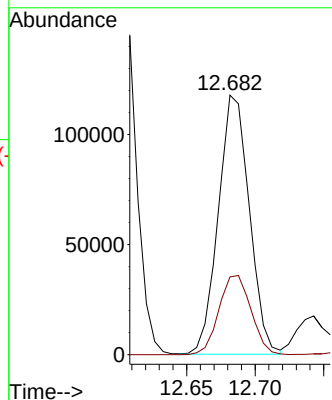
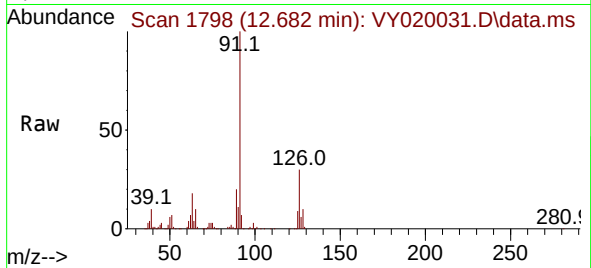




#79
2-Chlorotoluene
Concen: 22.191 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

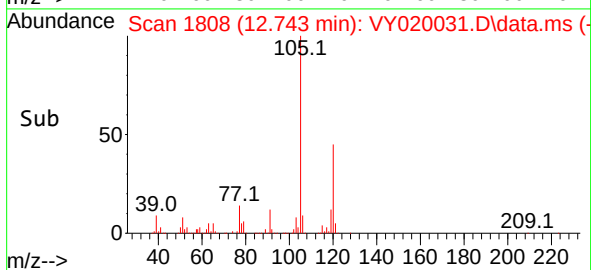
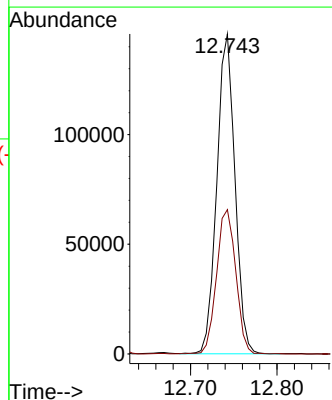
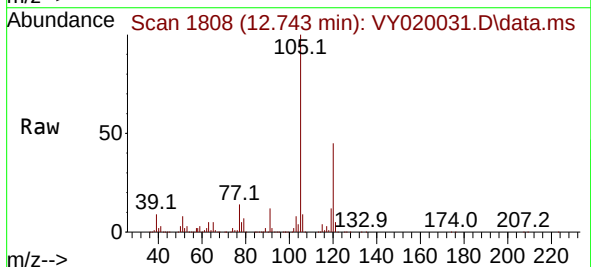
Instrument :
MSVOA_Y
ClientSampleId :

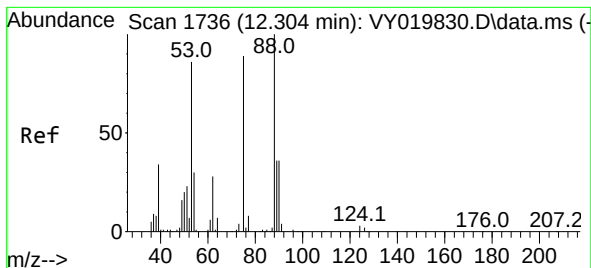
Tgt Ion: 91 Resp: 185564
Ion Ratio Lower Upper
91 100
126 31.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.697 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:105 Resp: 211518
Ion Ratio Lower Upper
105 100
120 47.8 25.1 75.2

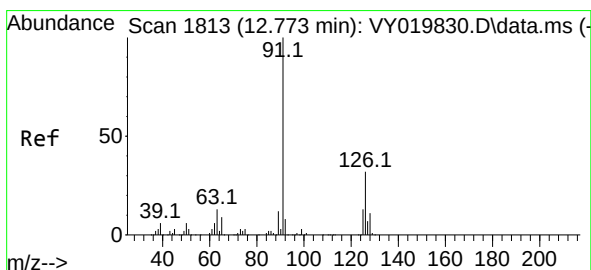
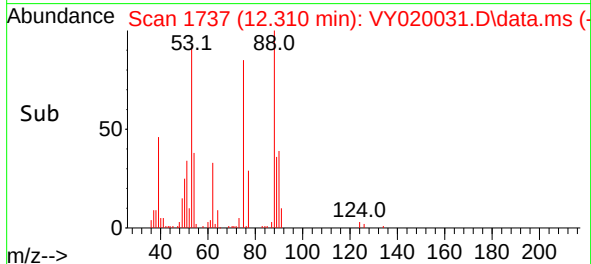
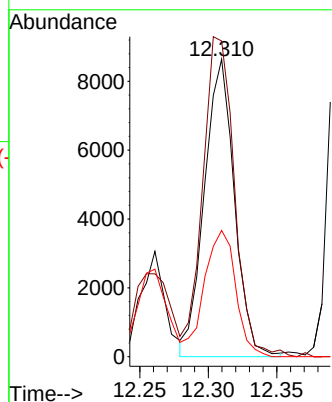
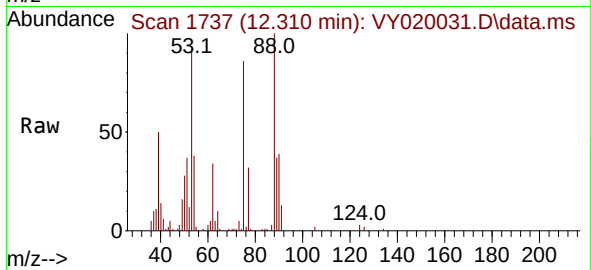




#81
trans-1,4-Dichloro-2-butene
Concen: 18.904 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

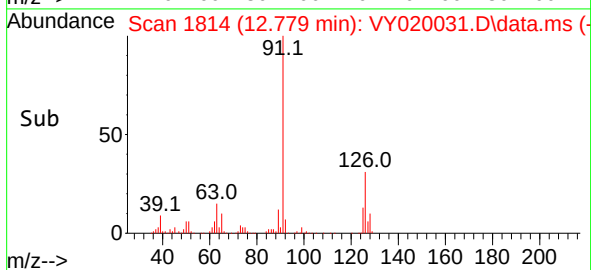
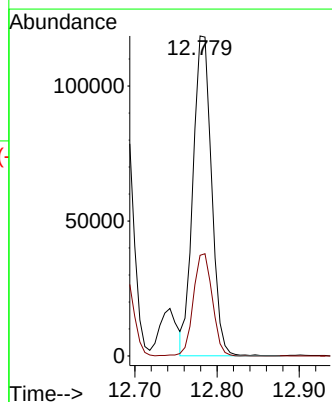
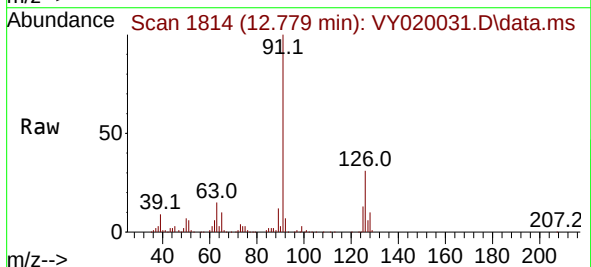
Instrument :
MSVOA_Y
ClientSampleId :

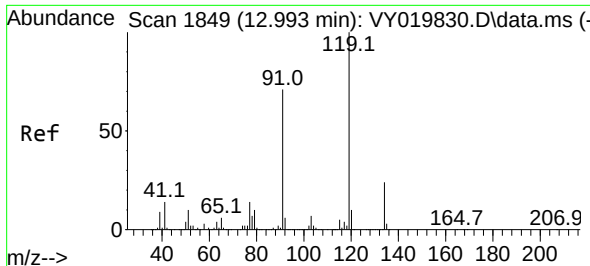
Tgt Ion: 75 Resp: 13167
Ion Ratio Lower Upper
75 100
53 112.8 66.8 100.2#
89 44.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.676 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 91 Resp: 185341
Ion Ratio Lower Upper
91 100
126 32.7 17.6 52.9

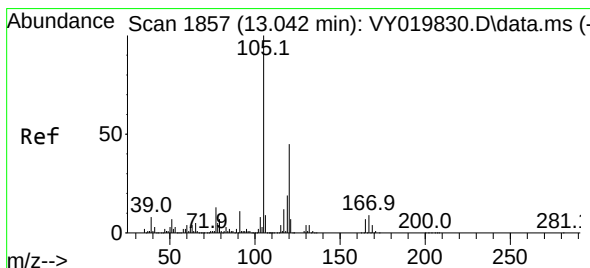
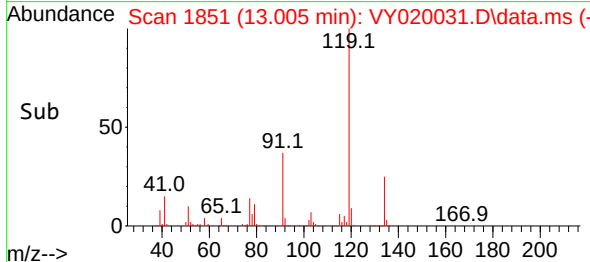
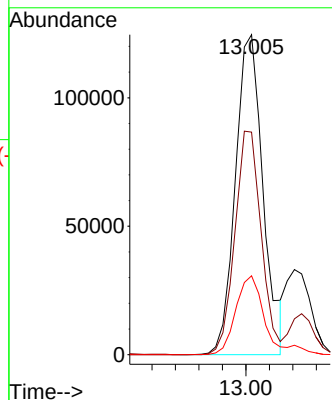
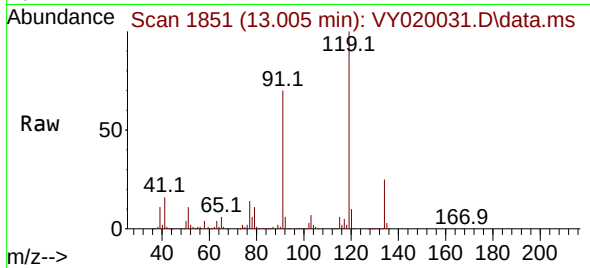




#83
tert-Butylbenzene
Concen: 23.326 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

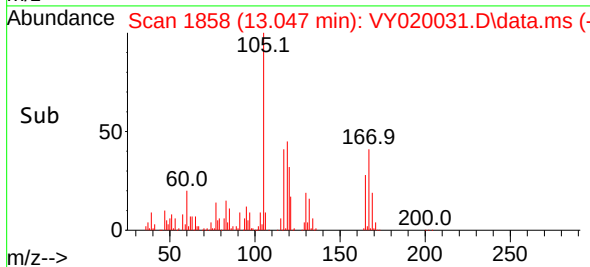
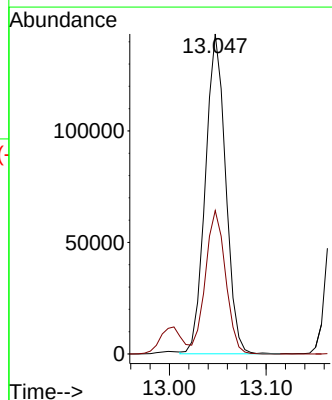
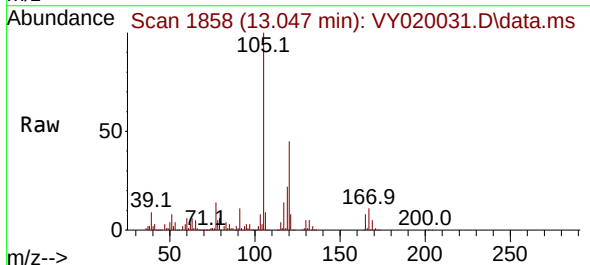
Instrument :
MSVOA_Y
ClientSampleId :

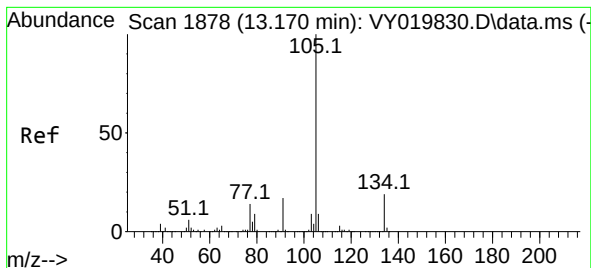
Tgt Ion:119 Resp: 203719
Ion Ratio Lower Upper
119 100
91 66.7 31.3 93.8
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.611 ug/l
RT: 13.047 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:105 Resp: 208878
Ion Ratio Lower Upper
105 100
120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.507 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

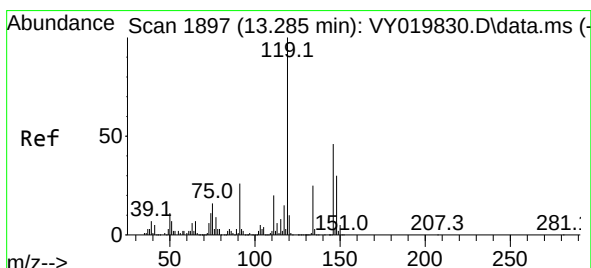
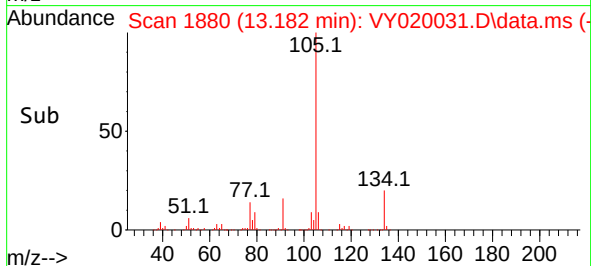
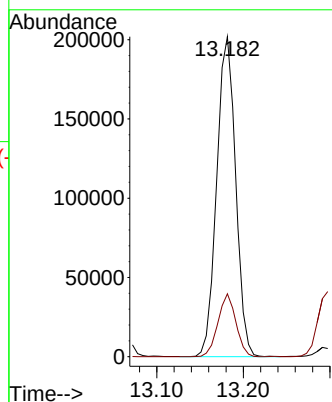
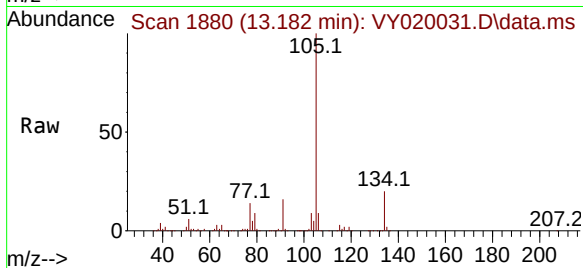
ClientSampleId :

Tgt Ion:105 Resp: 306734

Ion Ratio Lower Upper

105 100

134 18.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.193 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

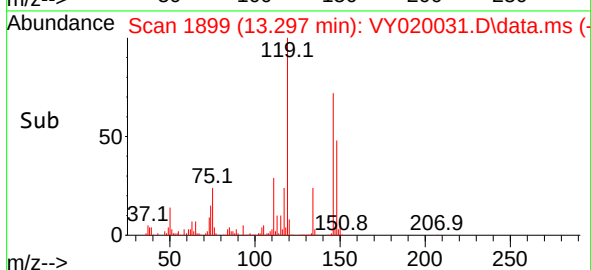
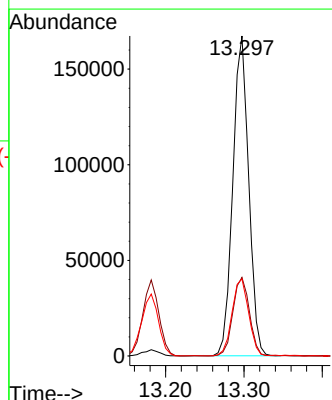
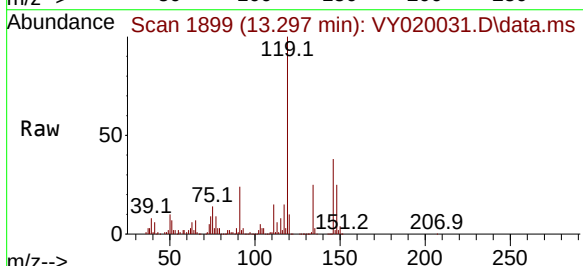
Tgt Ion:119 Resp: 235156

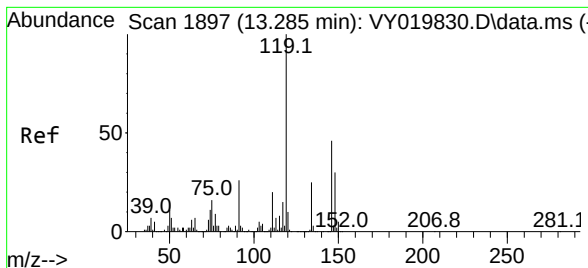
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.304 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

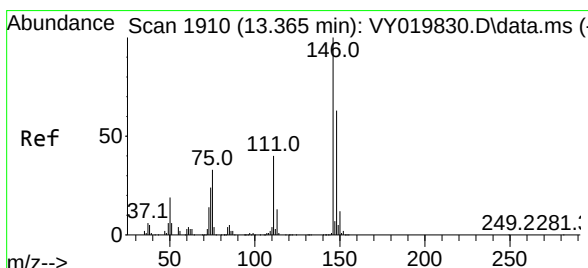
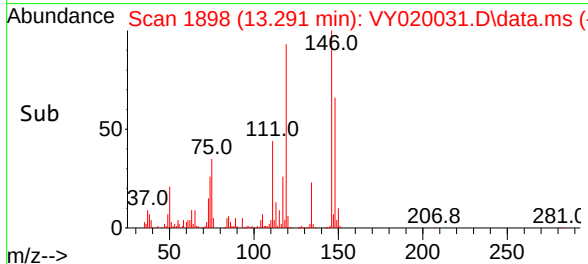
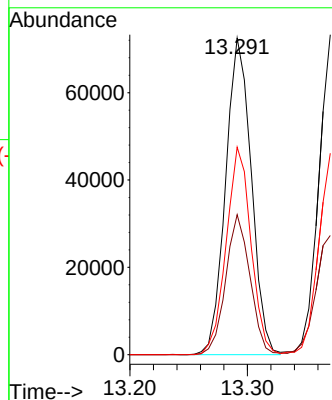
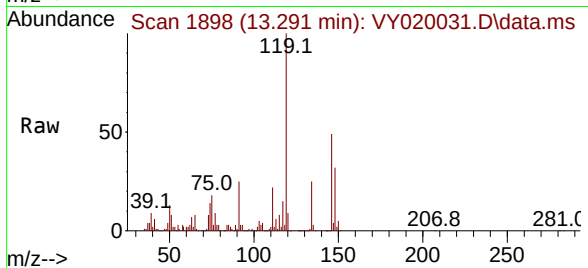
Tgt Ion:146 Resp: 110209

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.319 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

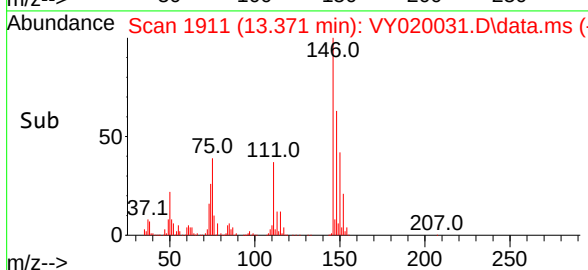
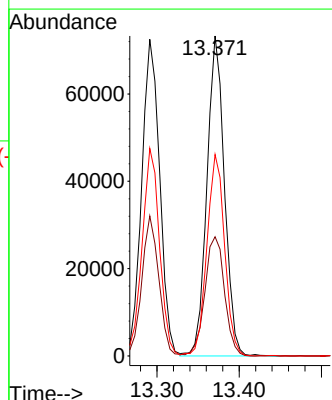
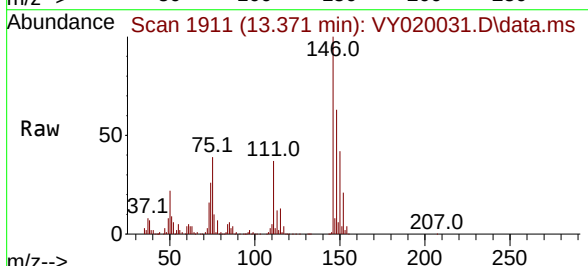
Tgt Ion:146 Resp: 108346

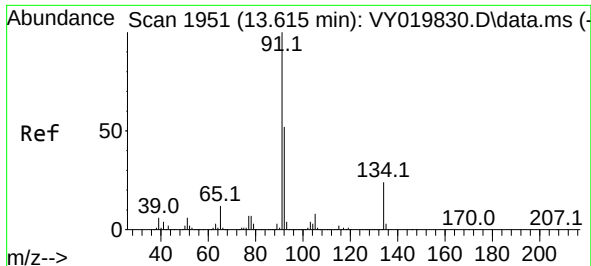
Ion Ratio Lower Upper

146 100

111 41.8 18.4 55.4

148 63.7 32.4 97.2

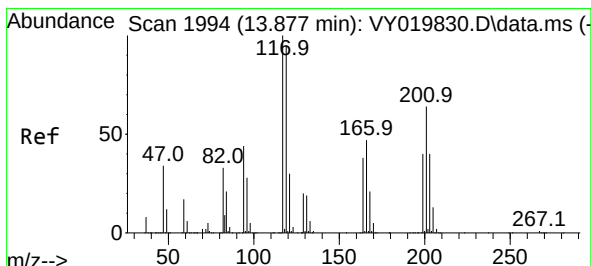
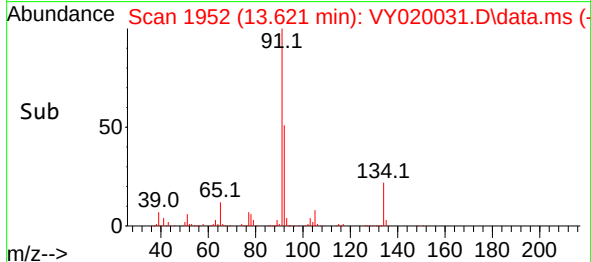
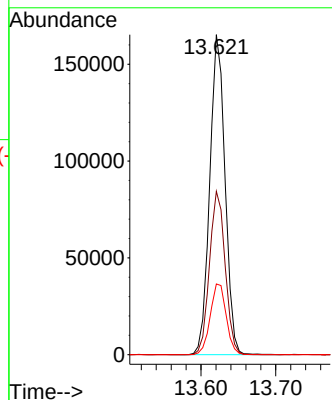
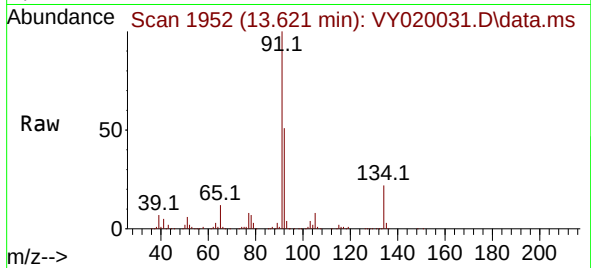




#89
n-Butylbenzene
Concen: 22.679 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

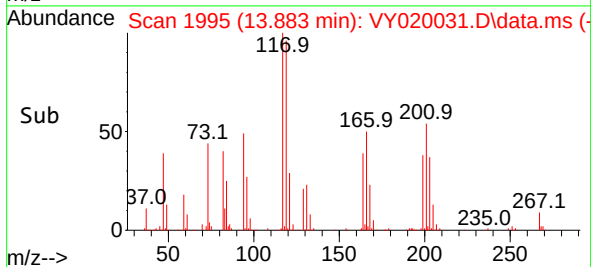
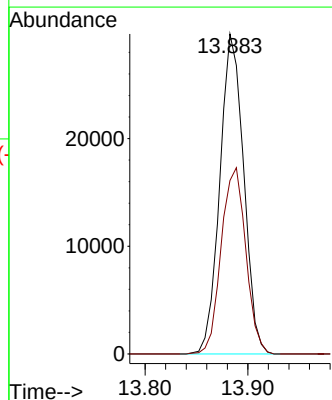
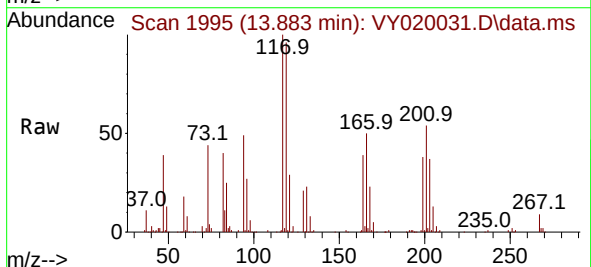
Instrument :
MSVOA_Y
ClientSampleId :

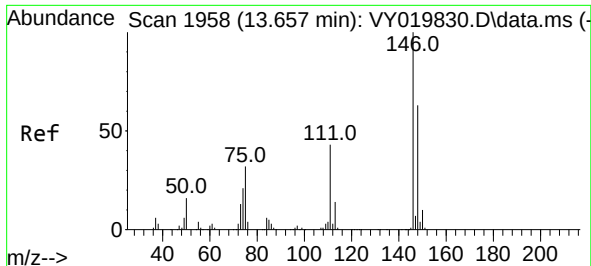
Tgt Ion: 91 Resp: 234645
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 23.1 12.9 38.7



#90
Hexachloroethane
Concen: 23.177 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion: 117 Resp: 47820
Ion Ratio Lower Upper
117 100
201 60.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.589 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

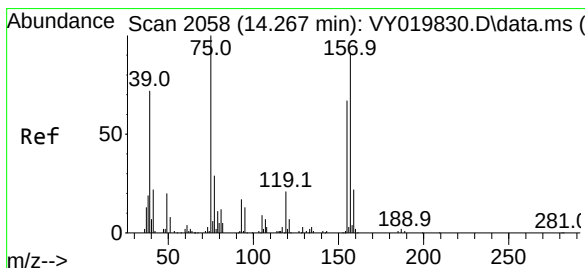
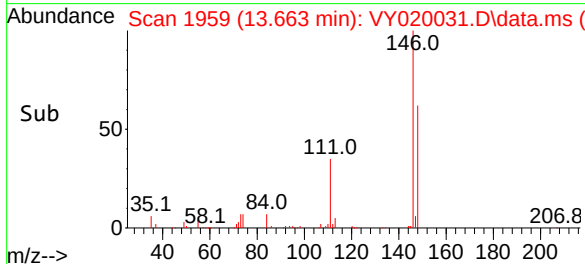
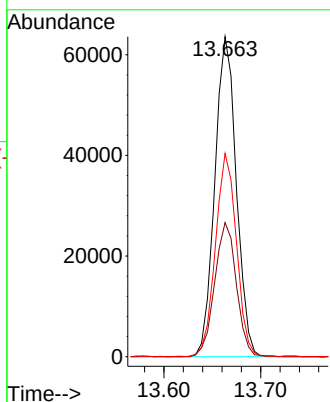
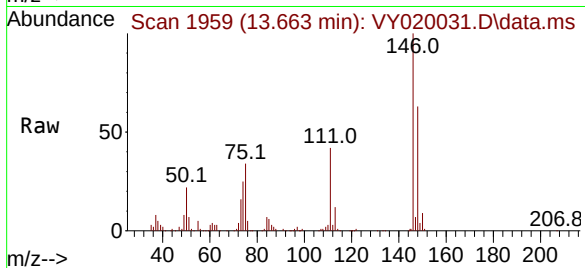
Tgt Ion:146 Resp: 98131

Ion Ratio Lower Upper

146 100

111 42.3 19.9 59.7

148 62.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.196 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.012 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

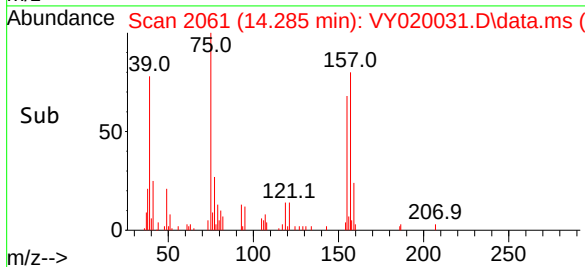
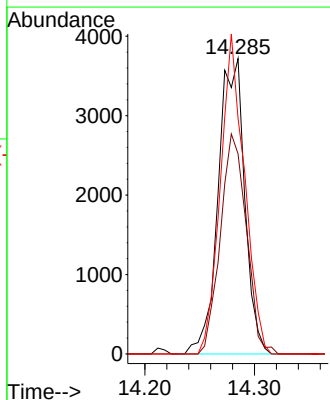
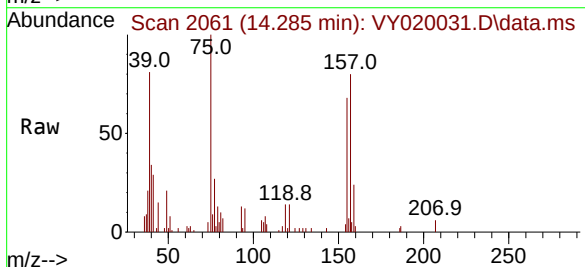
Tgt Ion: 75 Resp: 6229

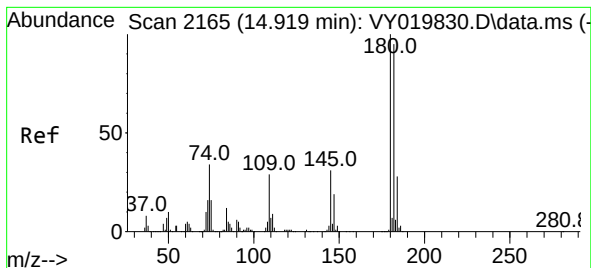
Ion Ratio Lower Upper

75 100

155 73.1 48.6 145.8

157 98.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.538 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

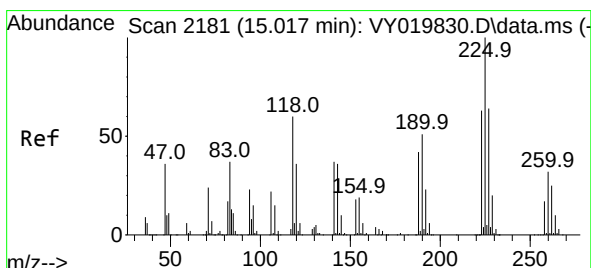
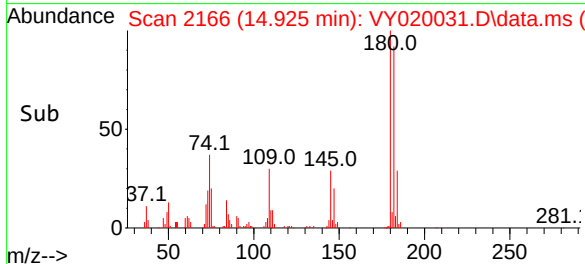
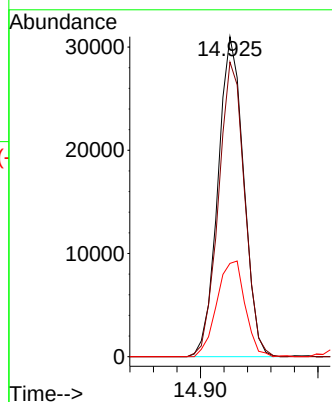
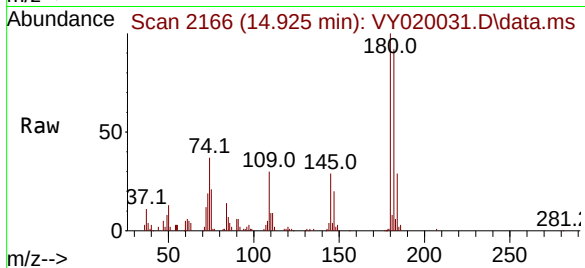
Tgt Ion:180 Resp: 47250

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.080 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020031.D

Acq: 28 Oct 2024 10:40

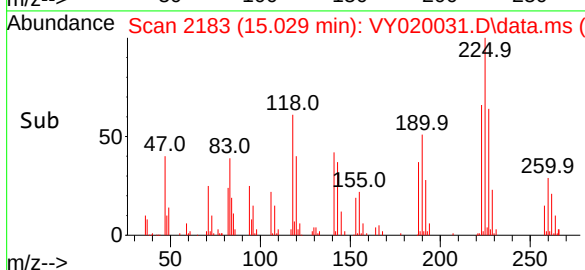
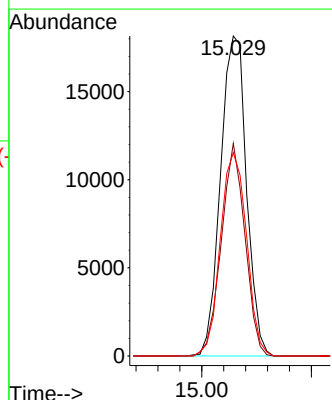
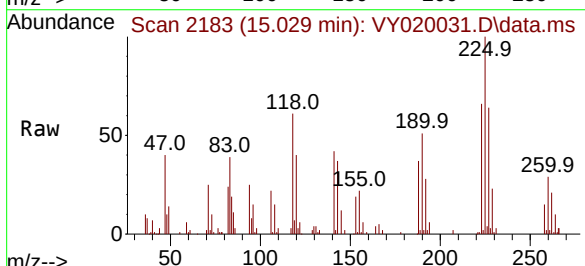
Tgt Ion:225 Resp: 29871

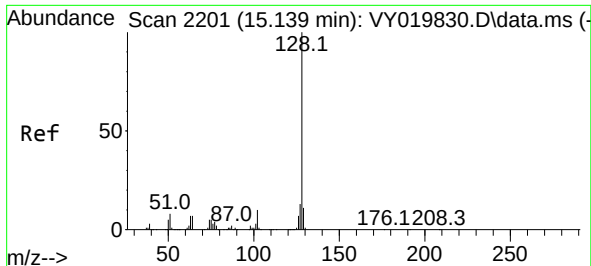
Ion Ratio Lower Upper

225 100

223 60.4 30.4 91.2

227 63.9 31.9 95.9

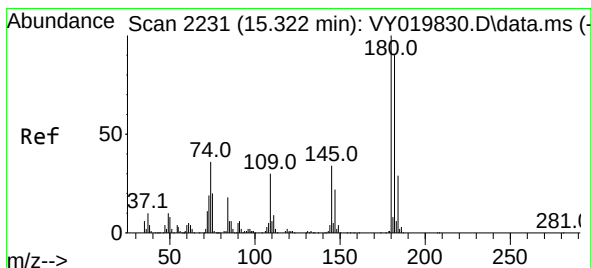
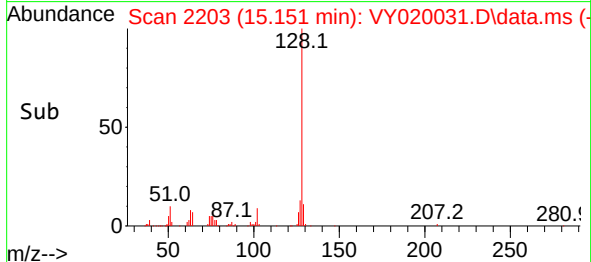
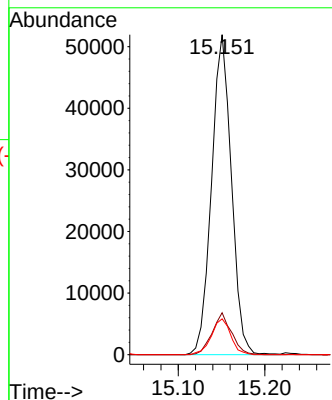
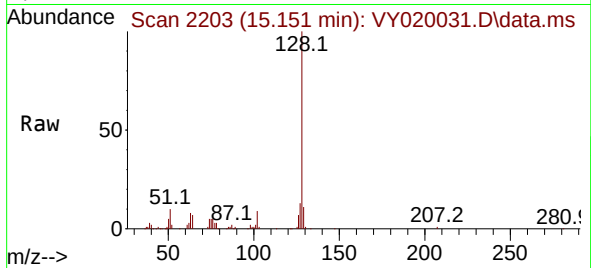




#95
Naphthalene
Concen: 17.177 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 82573
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.832 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY020031.D
Acq: 28 Oct 2024 10:40

Tgt Ion:180 Resp: 38420
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 35.5 15.4 46.1

