

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020003.D
 Acq On : 24 Oct 2024 11:43
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:38:17 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	7.713	168	204148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	362700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	144922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126961	50.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.020%	
35) Dibromofluoromethane	7.634	113	122608	51.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.460%	
50) Toluene-d8	10.109	98	445154	50.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.408	95	156157	48.896	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32280	16.985	ug/l	98
3) Chloromethane	2.074	50	47777	19.316	ug/l	98
4) Vinyl Chloride	2.208	62	56054	20.594	ug/l	98
5) Bromomethane	2.598	94	37736	21.903	ug/l	99
6) Chloroethane	2.739	64	40205	21.987	ug/l	93
7) Trichlorofluoromethane	3.062	101	85298	21.060	ug/l	93
8) Diethyl Ether	3.458	74	24392	19.816	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.824	101	50707	21.524	ug/l	91
10) Methyl Iodide	4.007	142	41352	17.355	ug/l #	90
11) Tert butyl alcohol	4.848	59	10407	36.084	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	40878	18.665	ug/l #	73
13) Acrolein	3.653	56	14110	76.393	ug/l	97
14) Allyl chloride	4.385	41	83654	21.170	ug/l #	87
15) Acrylonitrile	5.061	53	60555	107.555	ug/l	95
16) Acetone	3.866	43	72224	110.376	ug/l #	86
17) Carbon Disulfide	4.110	76	80219	13.665	ug/l	100
18) Methyl Acetate	4.391	43	28791	20.425	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	134949	21.448	ug/l	100
20) Methylene Chloride	4.622	84	52725	21.345	ug/l #	85
21) trans-1,2-Dichloroethene	5.116	96	47318	19.851	ug/l #	85
22) Diisopropyl ether	6.019	45	208217	24.191	ug/l #	88
23) Vinyl Acetate	5.964	43	535181	108.459	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	112883	23.593	ug/l	98
25) 2-Butanone	6.896	43	95952	109.551	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	92118	21.619	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	64905	22.034	ug/l	81
28) Bromochloromethane	7.244	49	43641	20.723	ug/l #	70
29) Tetrahydrofuran	7.268	42	50790	101.560	ug/l #	83
30) Chloroform	7.421	83	119363	24.473	ug/l	95
31) Cyclohexane	7.701	56	80824	19.244	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	98477	23.039	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	72191	20.936	ug/l	95
37) Ethyl Acetate	6.982	43	39343	21.881	ug/l	95
38) Carbon Tetrachloride	7.817	117	79693	21.559	ug/l	99
39) Methylcyclohexane	9.109	83	82178	18.915	ug/l #	88
40) Benzene	8.079	78	227264	21.778	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22039	22.648	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	69470	23.172	ug/l	93
43) Isopropyl Acetate	8.195	43	76156	20.769	ug/l #	88
44) Trichloroethene	8.866	130	53764	21.272	ug/l	91
45) 1,2-Dichloropropane	9.140	63	61140	23.408	ug/l	97
46) Dibromomethane	9.231	93	30067	21.069	ug/l	89
47) Bromodichloromethane	9.420	83	88897	23.469	ug/l	94
48) Methyl methacrylate	9.219	41	35059	21.736	ug/l #	80
49) 1,4-Dioxane	9.231	88	6058	379.287	ug/l #	69
51) 4-Methyl-2-Pentanone	10.000	43	198606	106.188	ug/l	87
52) Toluene	10.170	92	142248	21.838	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	70625	20.722	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	86294	21.458	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	43686	23.235	ug/l	98
56) Ethyl methacrylate	10.438	69	55355	20.518	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	74355	22.519	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	126724	100.900	ug/l	91
59) 2-Hexanone	10.762	43	141665	106.049	ug/l	85
60) Dibromochloromethane	10.914	129	53984	22.370	ug/l	99
61) 1,2-Dibromoethane	11.018	107	36692	21.596	ug/l	94
64) Tetrachloroethene	10.646	164	43564	19.686	ug/l	94
65) Chlorobenzene	11.438	112	156404	21.979	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	54993	22.841	ug/l	97
67) Ethyl Benzene	11.518	91	287061	22.207	ug/l	99
68) m/p-Xylenes	11.627	106	206893	43.337	ug/l	91
69) o-Xylene	11.957	106	101305	22.085	ug/l	92
70) Styrene	11.969	104	169589	21.914	ug/l	96
71) Bromoform	12.133	173	27006	20.953	ug/l #	96
73) Isopropylbenzene	12.255	105	279407	22.921	ug/l	98
74) N-amyl acetate	12.072	43	66203	20.505	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	50684	23.400	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	62947	22.172	ug/l #	100
77) Bromobenzene	12.530	156	56164	21.712	ug/l	82
78) n-propylbenzene	12.597	91	343867	23.346	ug/l	96
79) 2-Chlorotoluene	12.682	91	195534	23.156	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	222848	22.637	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.304	75	13267	18.862	ug/l #	74
82) 4-Chlorotoluene	12.780	91	197968	22.928	ug/l	94
83) tert-Butylbenzene	12.999	119	203816	23.111	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	222603	22.807	ug/l	95
85) sec-Butylbenzene	13.176	105	310322	23.551	ug/l	97
86) p-Isopropyltoluene	13.292	119	245620	22.956	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	116601	22.321	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	112002	21.825	ug/l	96
89) n-Butylbenzene	13.621	91	243887	23.344	ug/l	96
90) Hexachloroethane	13.883	117	48185	23.128	ug/l	85
91) 1,2-Dichlorobenzene	13.664	146	99833	21.750	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6267	18.130	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	52264	20.307	ug/l	94
94) Hexachlorobutadiene	15.023	225	30415	21.256	ug/l	98
95) Naphthalene	15.145	128	88614	18.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	43447	19.970	ug/l	95

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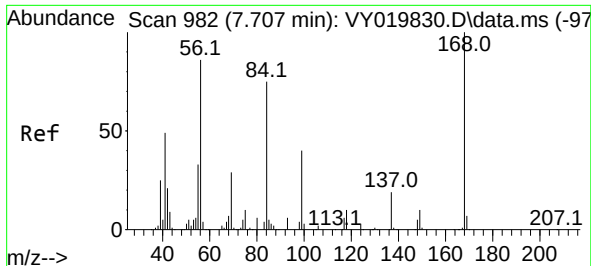
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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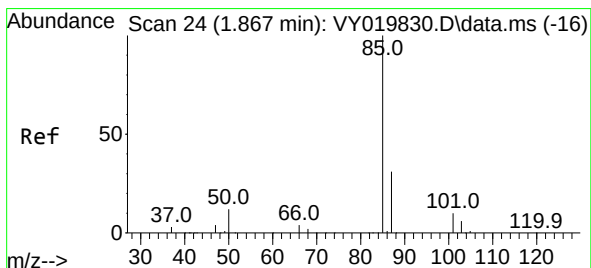
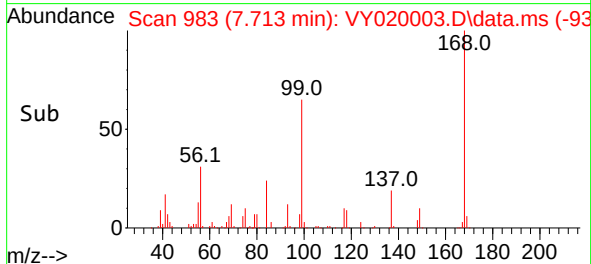
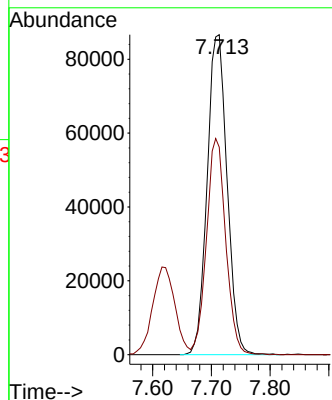
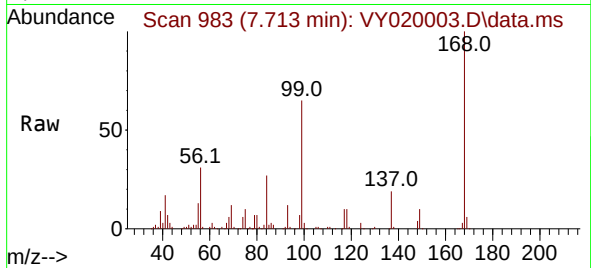




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

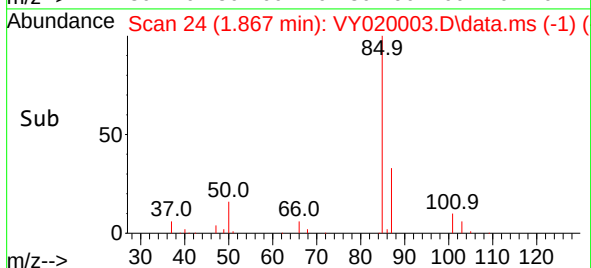
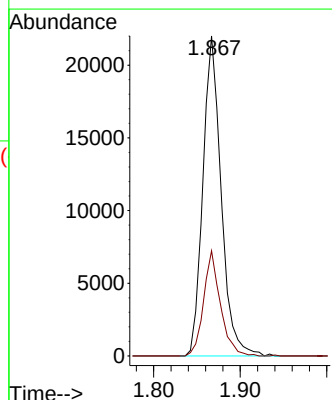
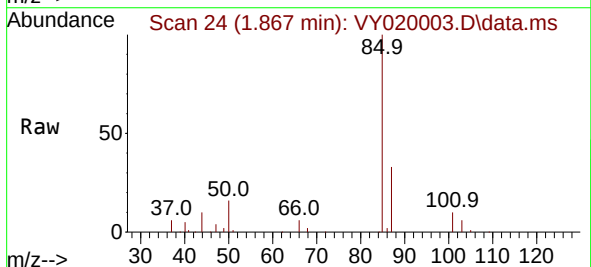
Instrument :
MSVOA_Y
ClientSampleId :

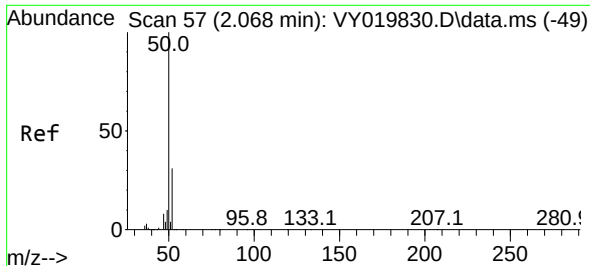
Tgt Ion:168 Resp: 204148
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.985 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 85 Resp: 32280
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

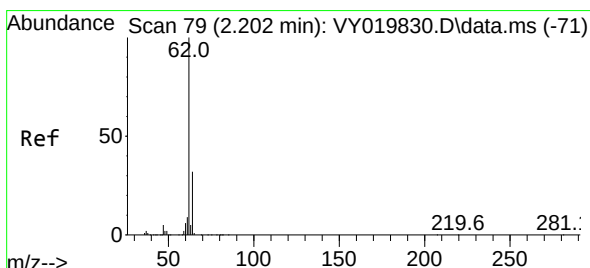
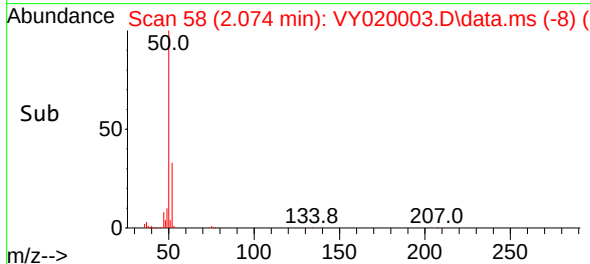
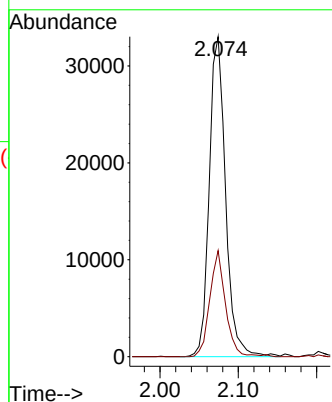
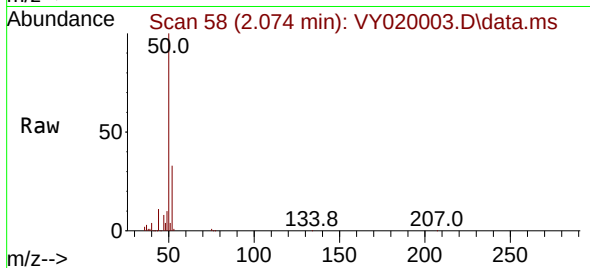




#3
Chloromethane
Concen: 19.316 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

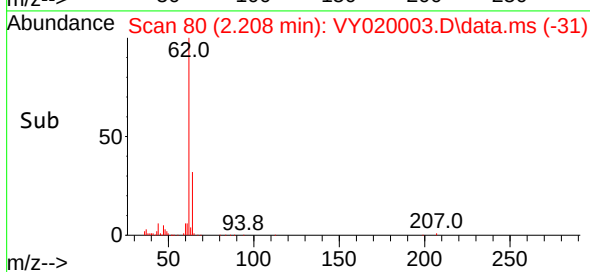
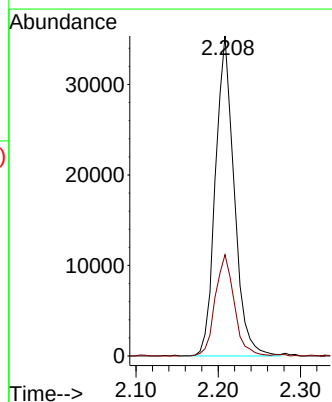
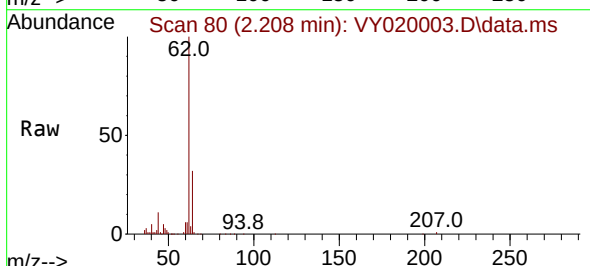
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MSVOA_Y
ClientSampleId :

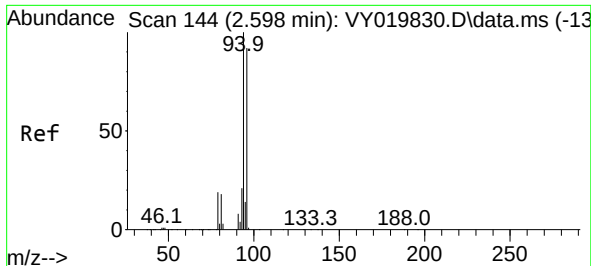
Tgt Ion: 50 Resp: 47777
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 20.594 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 62 Resp: 56054
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

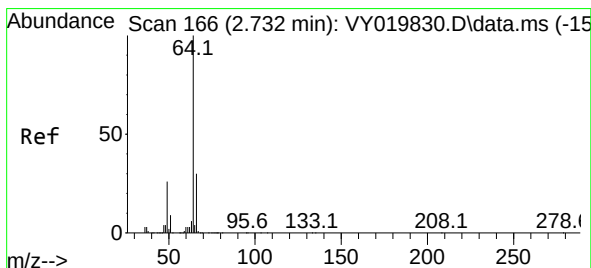
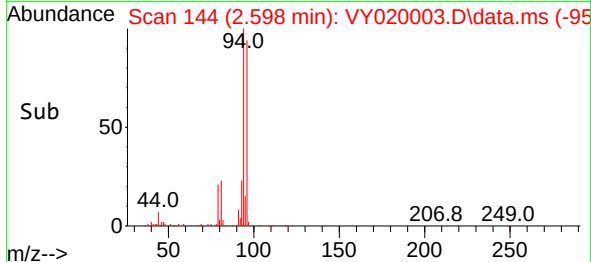
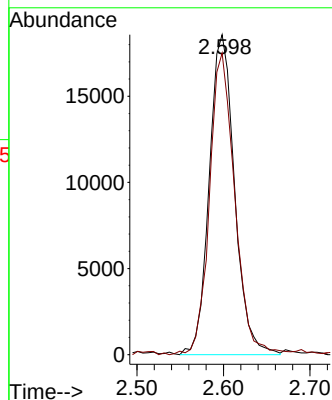
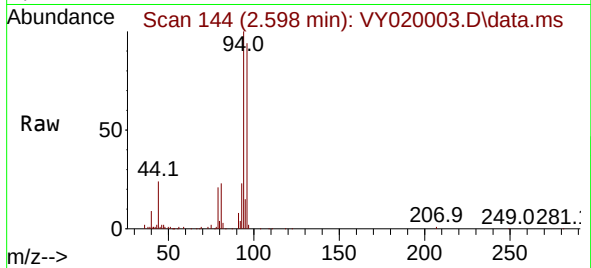




#5
Bromomethane
Concen: 21.903 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

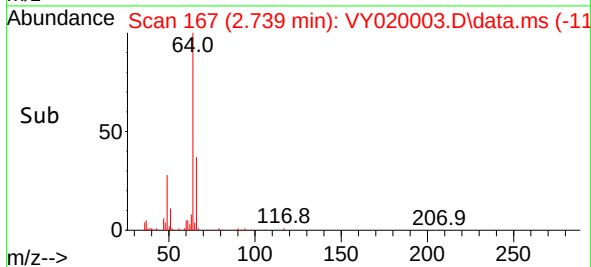
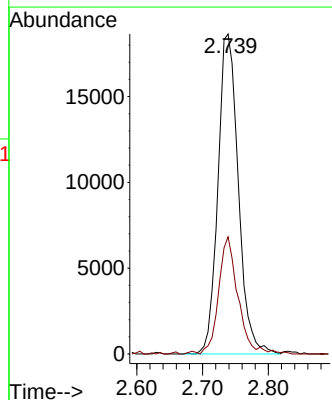
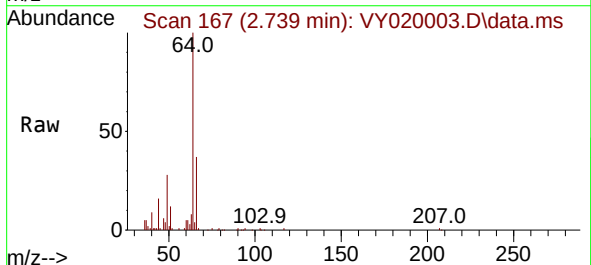
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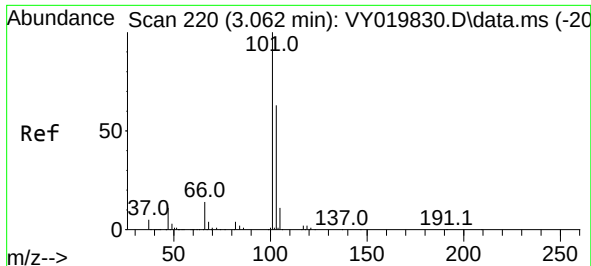
Tgt Ion: 94 Resp: 37736
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 21.987 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 64 Resp: 40205
Ion Ratio Lower Upper
64 100
66 36.6 26.1 39.1

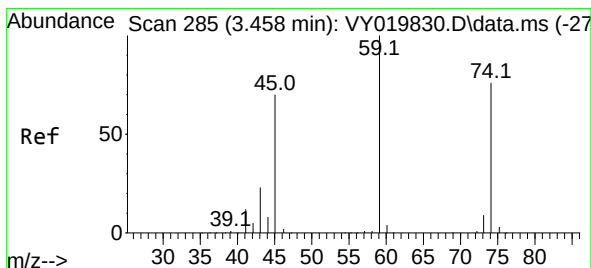
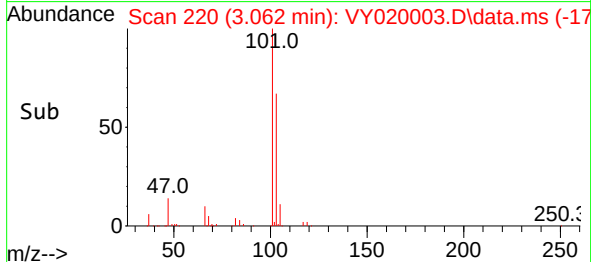
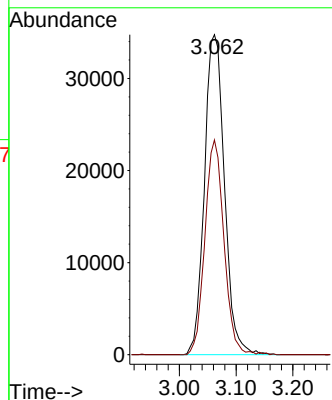
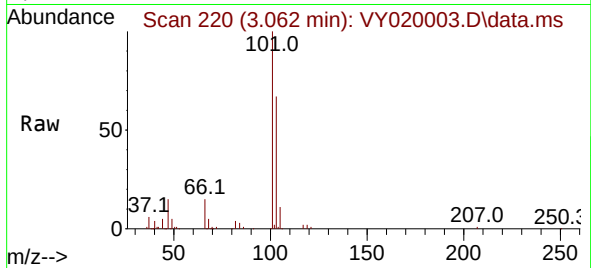




#7
 Trichlorofluoromethane
 Concen: 21.060 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

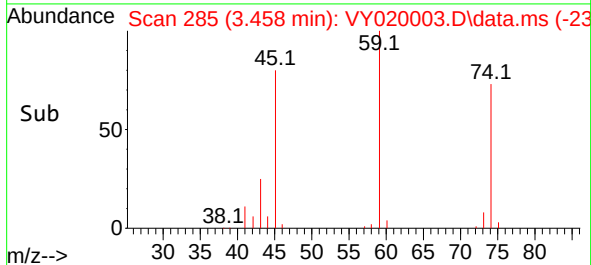
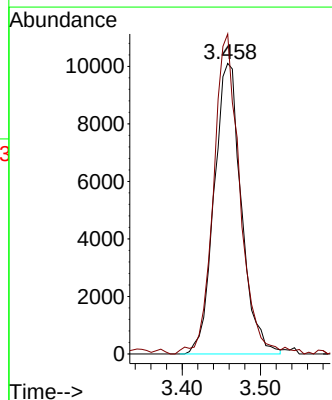
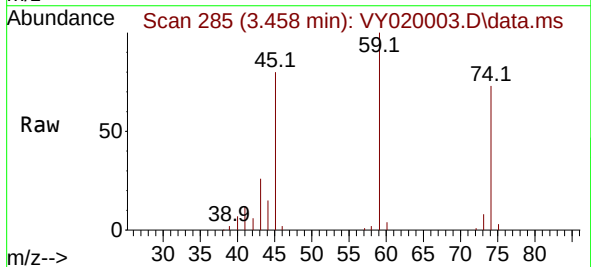
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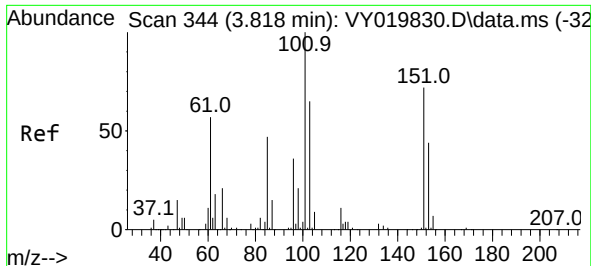
Tgt Ion:101 Resp: 85298
 Ion Ratio Lower Upper
 101 100
 103 67.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.816 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

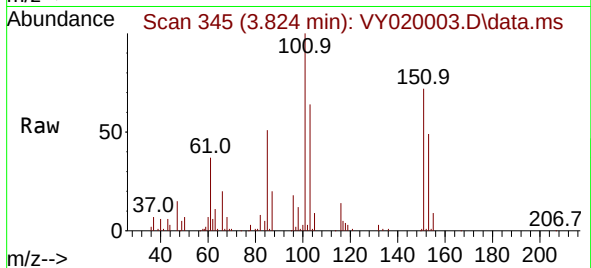
Tgt Ion: 74 Resp: 24392
 Ion Ratio Lower Upper
 74 100
 45 106.8 41.3 124.1



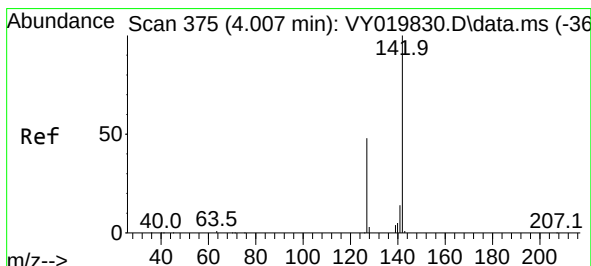
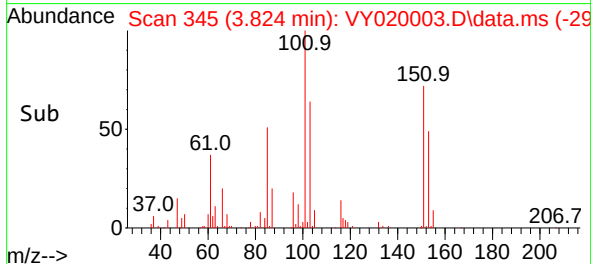
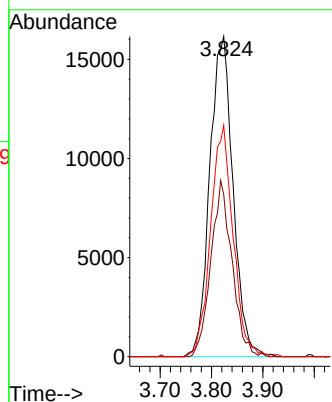


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.524 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
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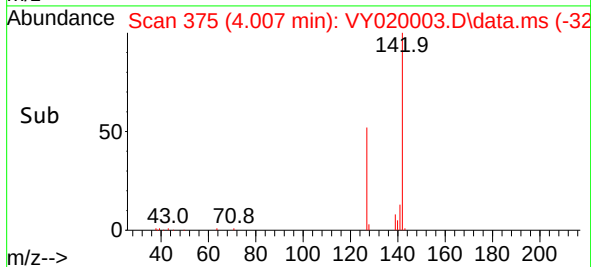
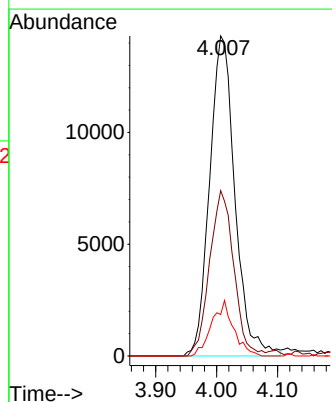
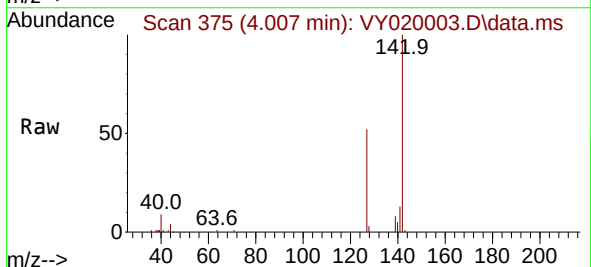


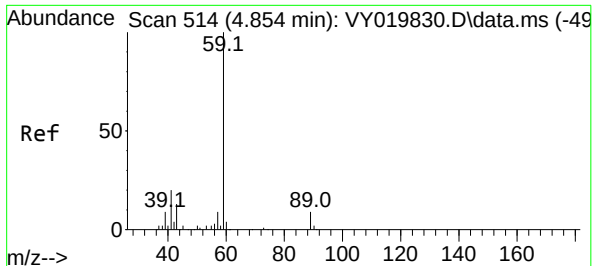
Tgt Ion:101 Resp: 50707
Ion Ratio Lower Upper
101 100
85 50.1 34.5 51.7
151 70.0 61.7 92.5



#10
Methyl Iodide
Concen: 17.355 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:142 Resp: 41352
Ion Ratio Lower Upper
142 100
127 49.3 32.8 49.2#
141 15.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 36.084 ug/l

RT: 4.848 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

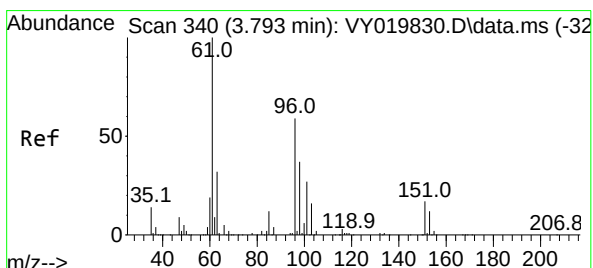
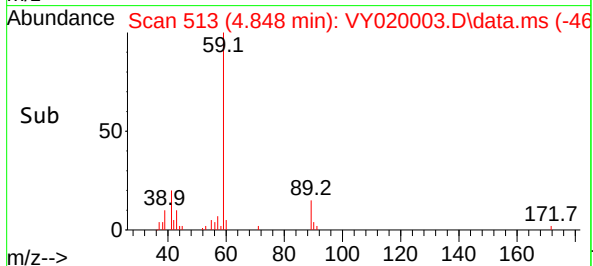
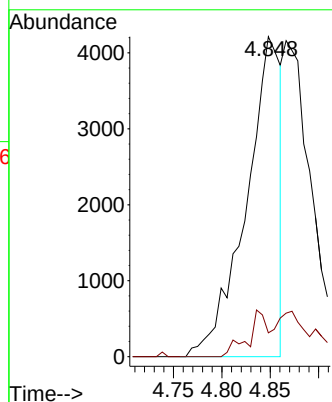
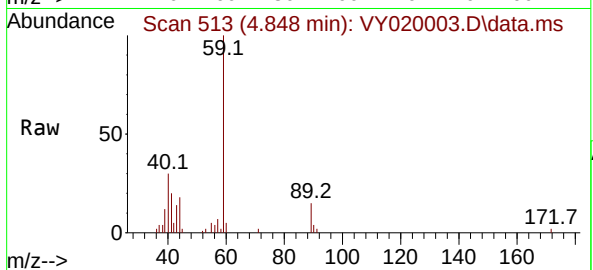
ClientSampleId :

Tgt Ion: 59 Resp: 10407

Ion Ratio Lower Upper

59 100

57 7.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 18.665 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

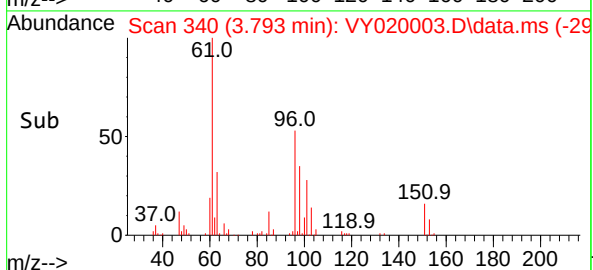
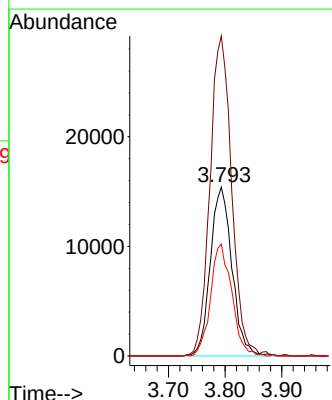
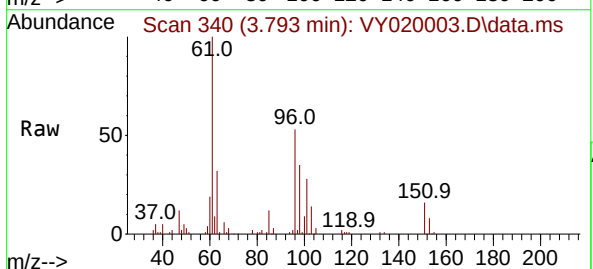
Tgt Ion: 96 Resp: 40878

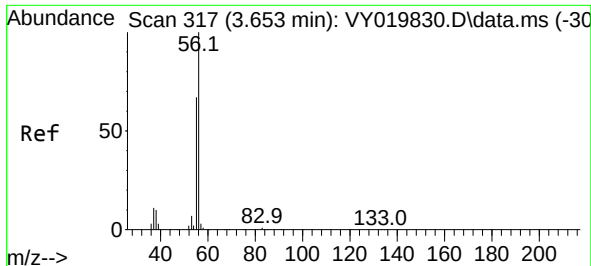
Ion Ratio Lower Upper

96 100

61 189.5 114.6 171.8#

98 66.2 50.8 76.2

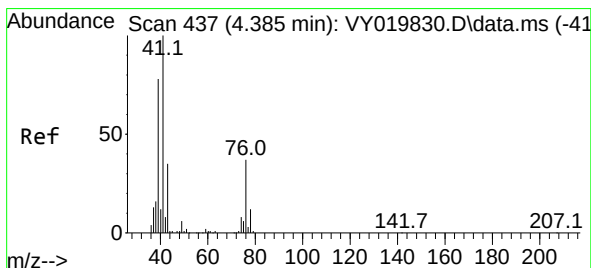
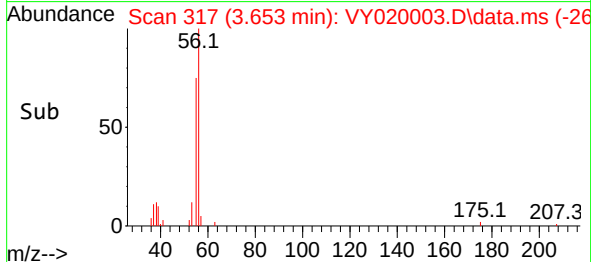
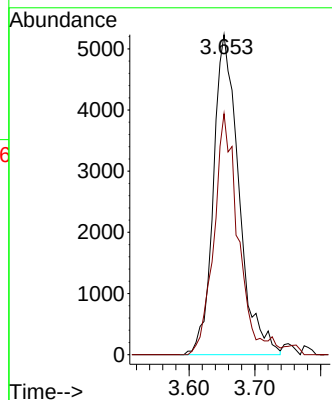
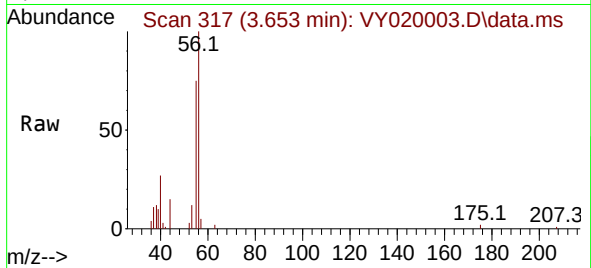




#13
Acrolein
Concen: 76.393 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

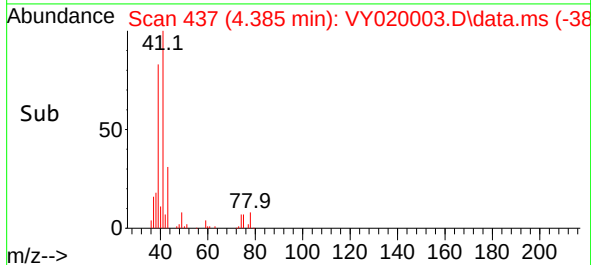
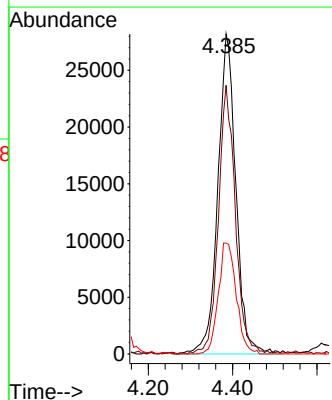
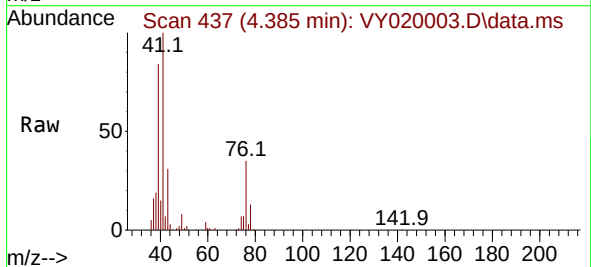
Instrument :
MSVOA_Y
ClientSampleId :

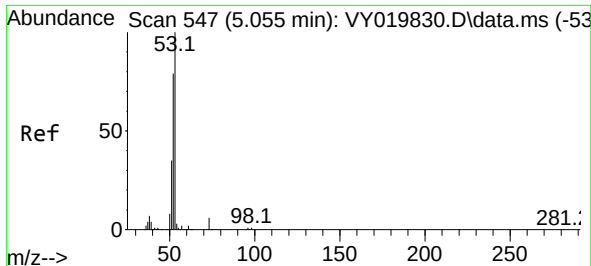
Tgt Ion: 56 Resp: 14110
Ion Ratio Lower Upper
56 100
55 72.2 55.7 83.5



#14
Allyl chloride
Concen: 21.170 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

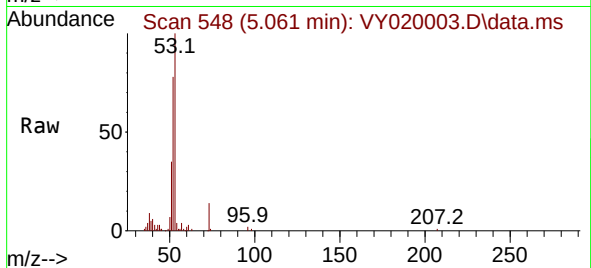
Tgt Ion: 41 Resp: 83654
Ion Ratio Lower Upper
41 100
39 78.6 58.3 87.5
76 34.5 39.0 58.6#



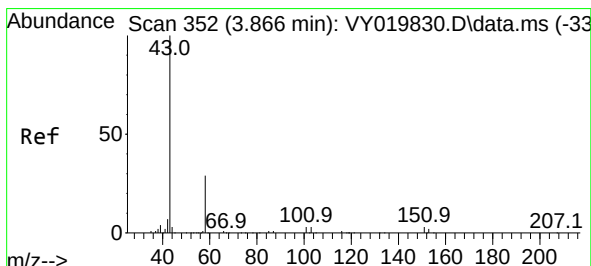
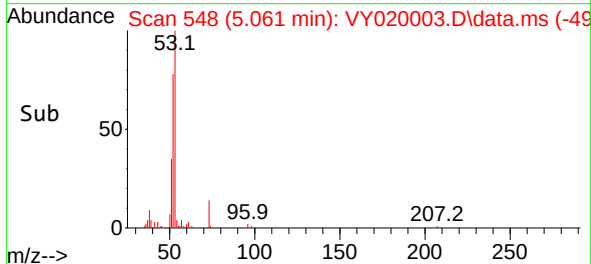
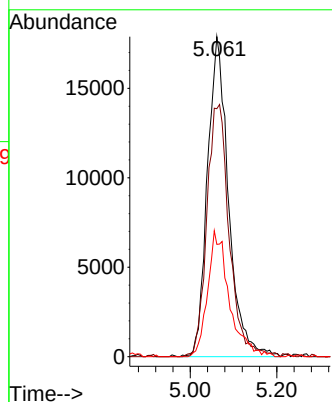


#15
Acrylonitrile
Concen: 107.555 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Instrument :
MSVOA_Y
ClientSampleId :

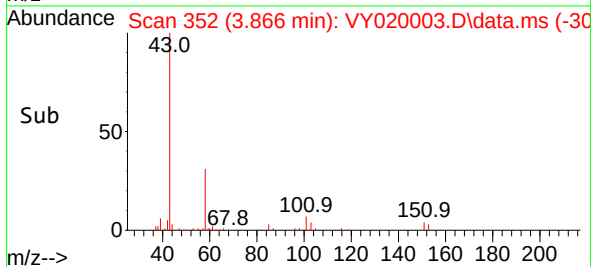
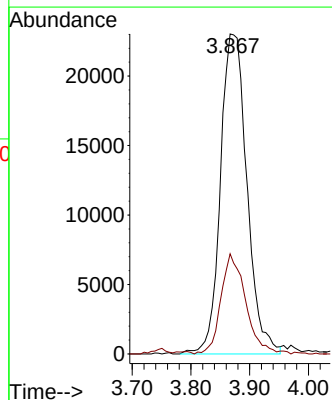
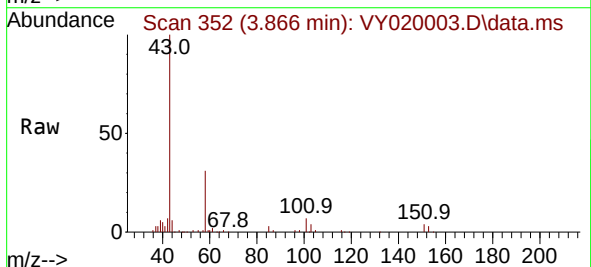


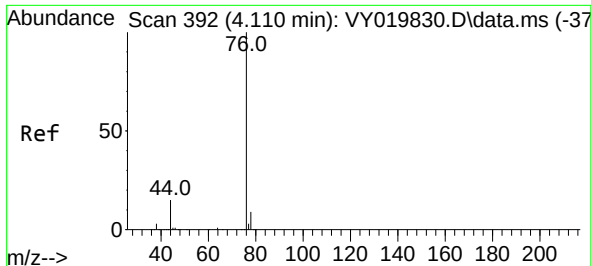
Tgt Ion: 53 Resp: 60555
Ion Ratio Lower Upper
53 100
52 83.6 64.7 97.1
51 40.2 28.4 42.6



#16
Acetone
Concen: 110.376 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 43 Resp: 72224
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#

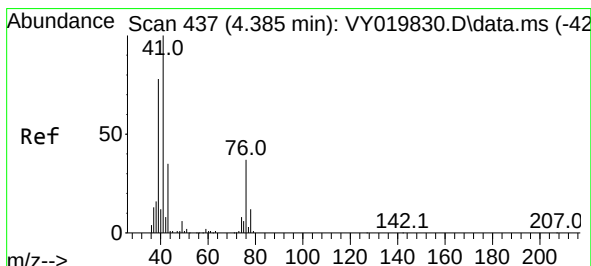
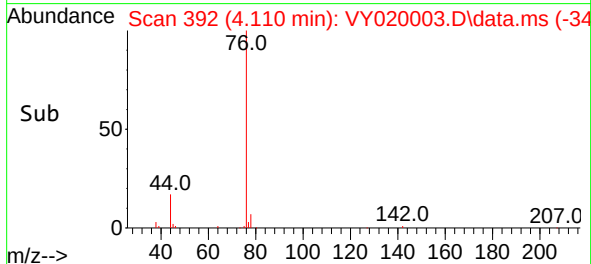
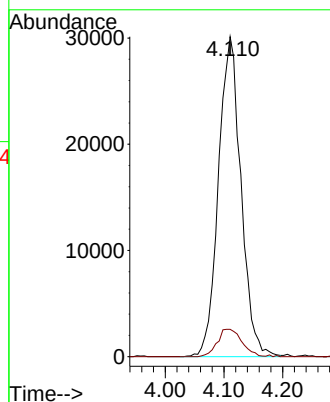
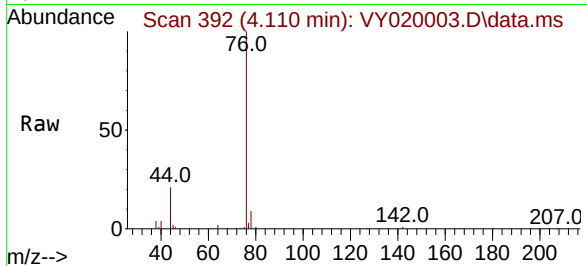




#17
Carbon Disulfide
Concen: 13.665 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

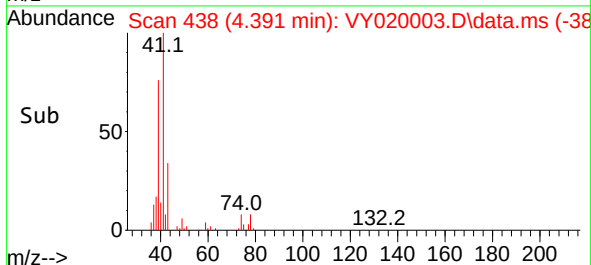
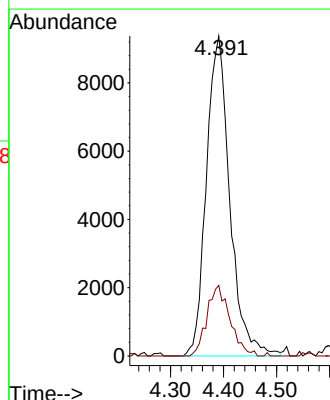
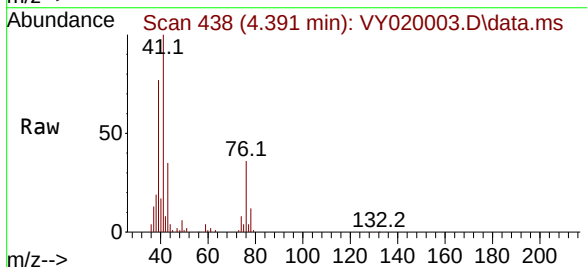
Instrument :
MSVOA_Y
ClientSampleId :

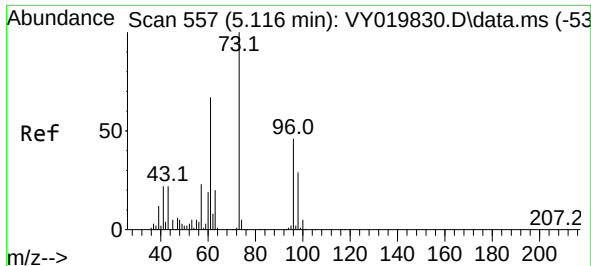
Tgt Ion: 76 Resp: 80219
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 20.425 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 43 Resp: 28791
Ion Ratio Lower Upper
43 100
74 21.7 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 21.448 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

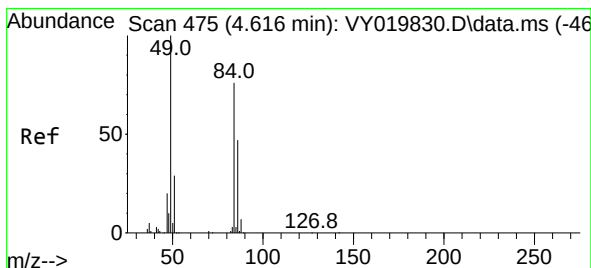
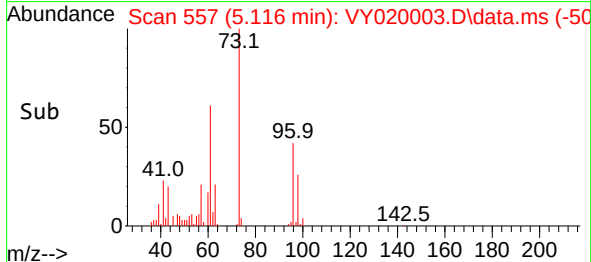
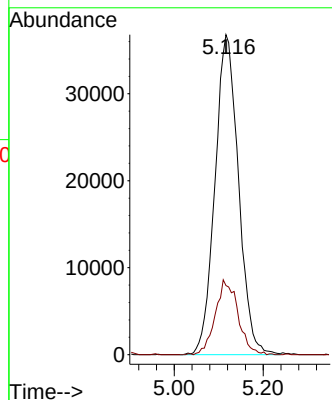
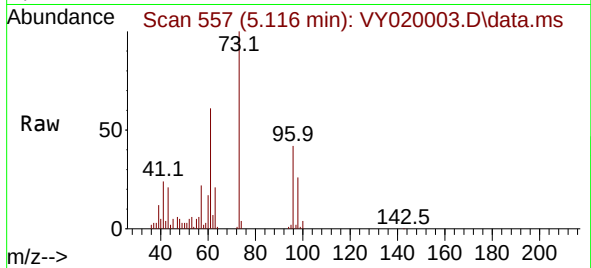
ClientSampleId :

Tgt Ion: 73 Resp: 134949

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 21.345 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Tgt Ion: 84 Resp: 52725

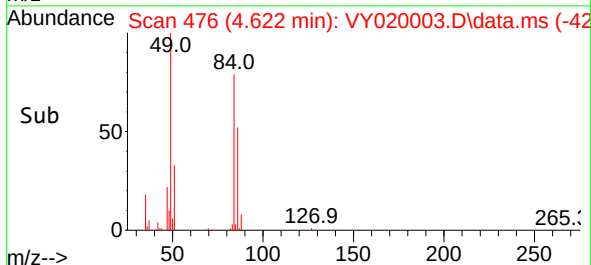
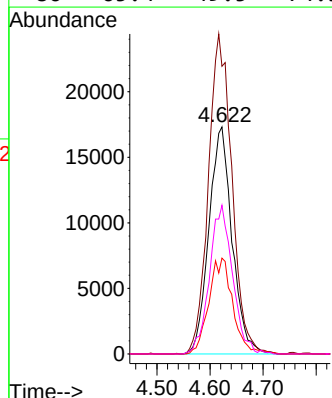
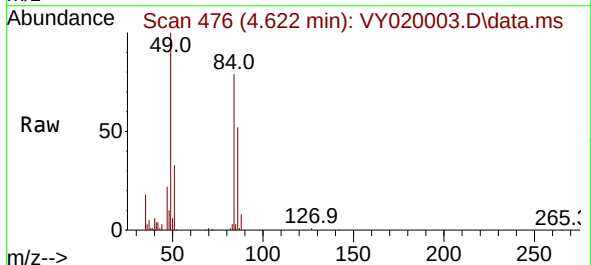
Ion Ratio Lower Upper

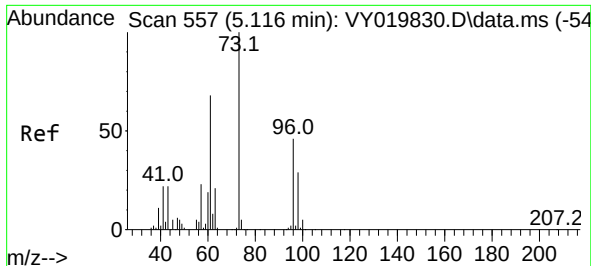
84 100

49 126.7 84.4 126.6#

51 42.2 26.0 39.0#

86 65.4 49.5 74.3

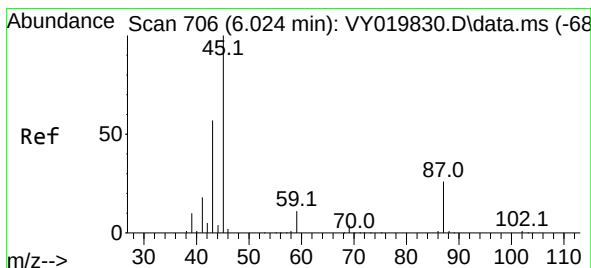
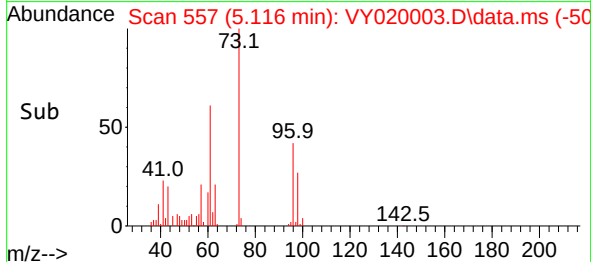
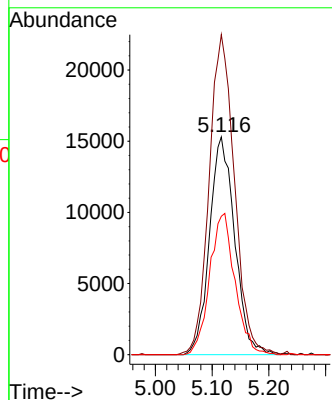
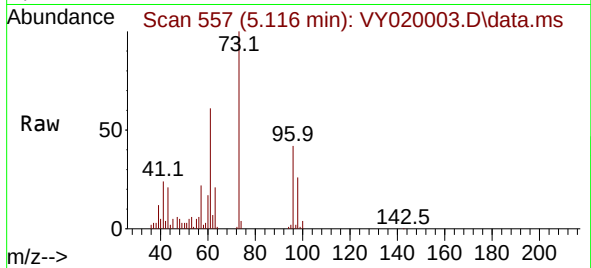




#21
trans-1,2-Dichloroethene
Concen: 19.851 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

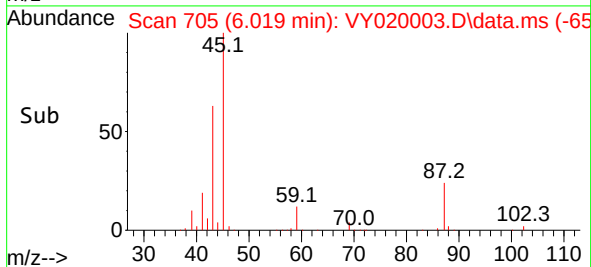
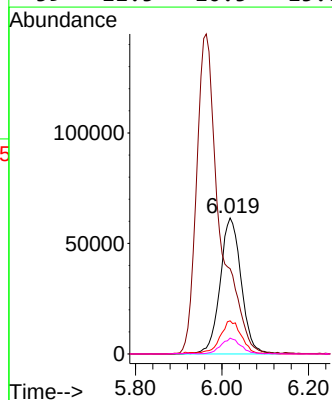
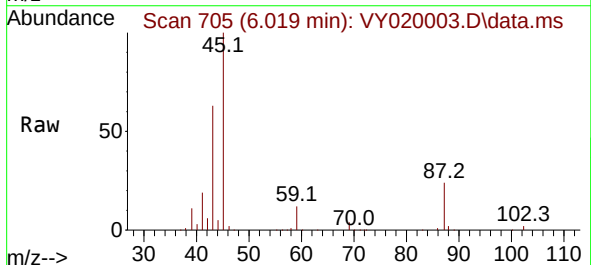
Instrument :
MSVOA_Y
ClientSampleId :

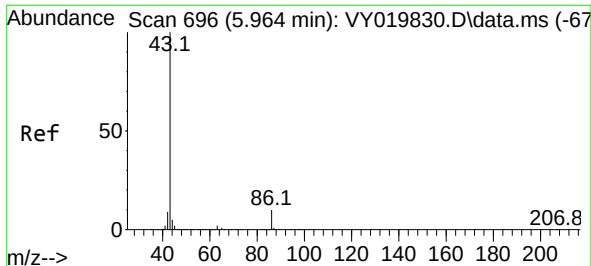
Tgt Ion: 96 Resp: 47318
Ion Ratio Lower Upper
96 100
61 146.5 97.5 146.3#
98 63.6 50.5 75.7



#22
Diisopropyl ether
Concen: 24.191 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 45 Resp: 208217
Ion Ratio Lower Upper
45 100
43 62.2 42.2 63.2
87 24.3 25.0 37.6#
59 11.5 10.5 15.7

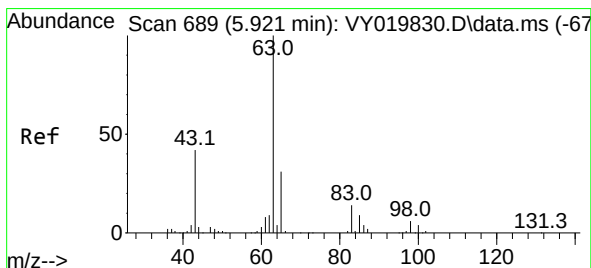
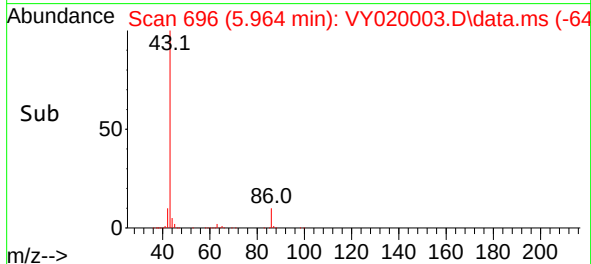
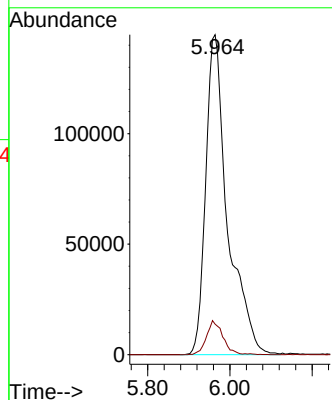
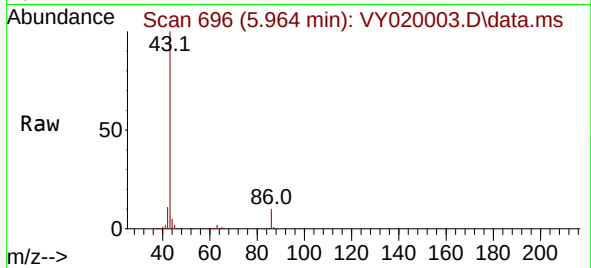




#23
 Vinyl Acetate
 Concen: 108.459 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

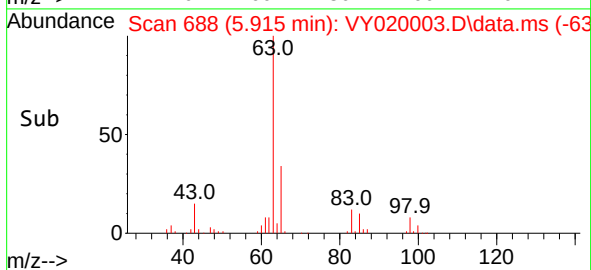
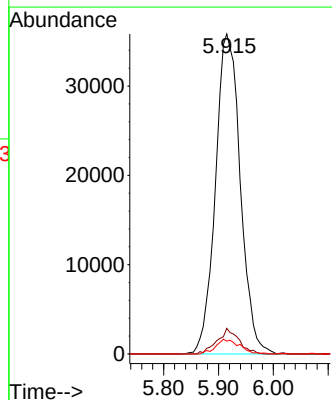
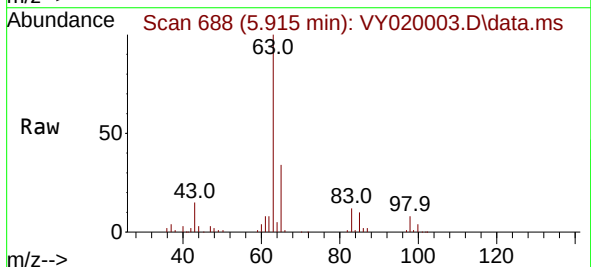
Instrument :
 MSVOA_Y
 ClientSampleId :

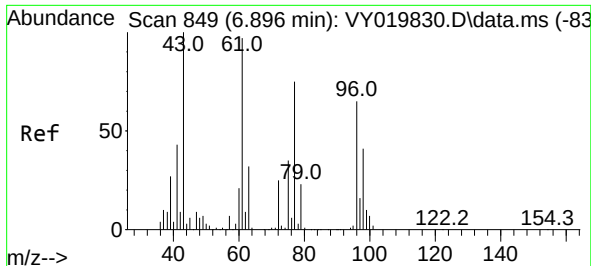
Tgt Ion: 43 Resp: 535181
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 23.593 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

Tgt Ion: 63 Resp: 112883
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.0 2.6 8.0

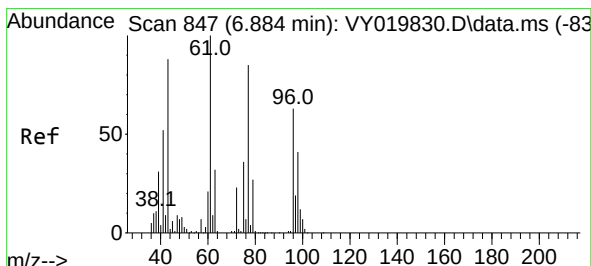
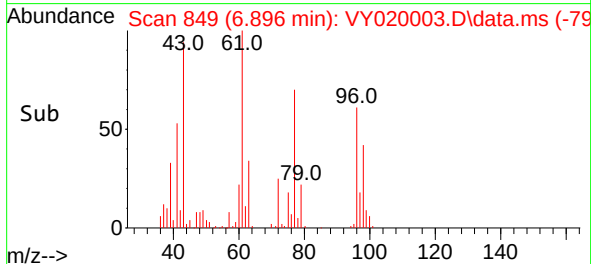
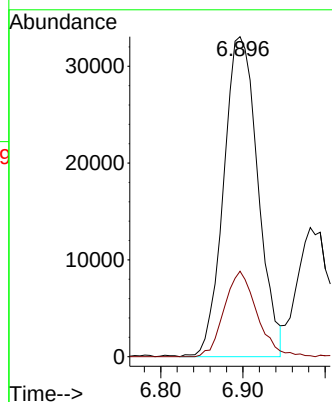
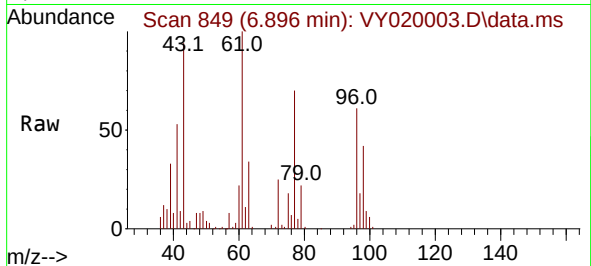




#25
2-Butanone
Concen: 109.551 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

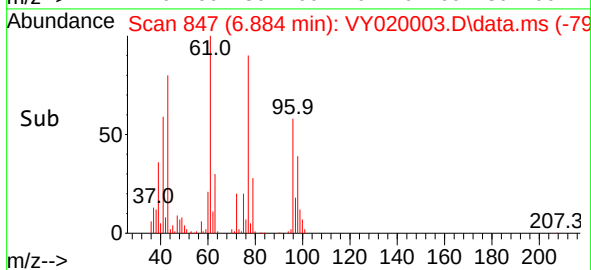
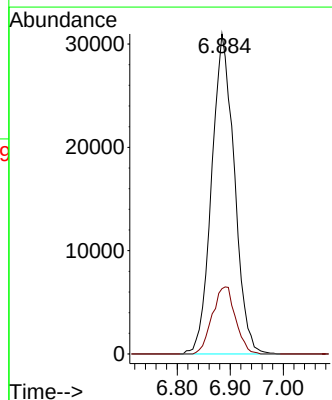
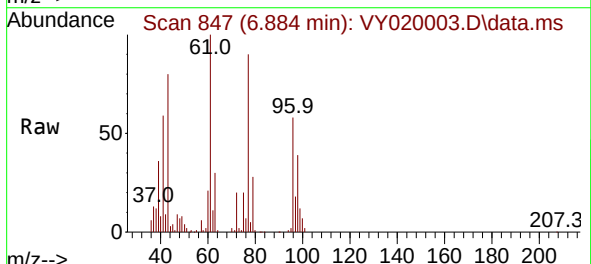
Instrument :
MSVOA_Y
ClientSampleId :

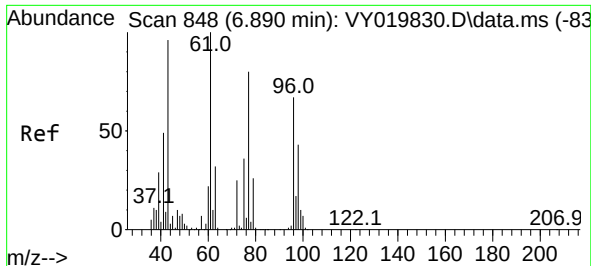
Tgt Ion: 43 Resp: 95952
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.619 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 77 Resp: 92118
Ion Ratio Lower Upper
77 100
97 21.4 12.0 36.1

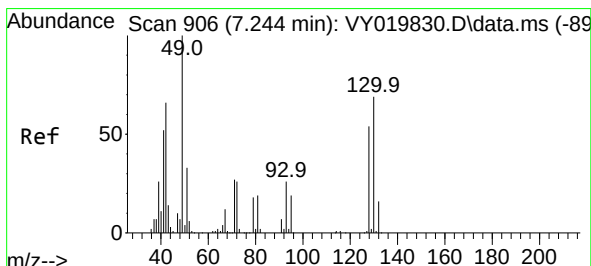
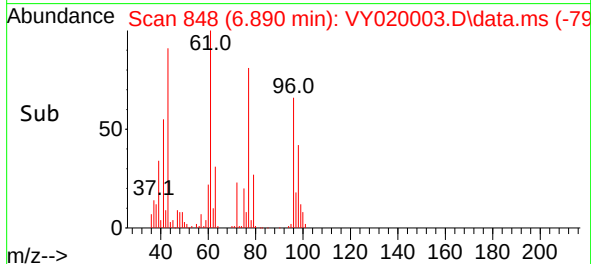
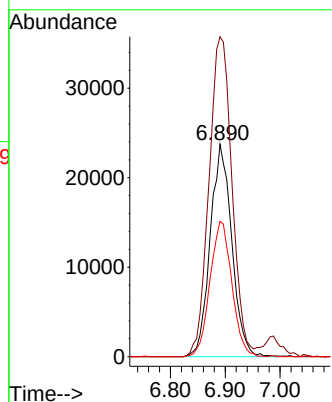
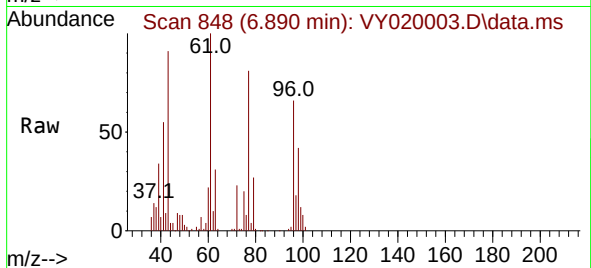




#27
 cis-1,2-Dichloroethene
 Concen: 22.034 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

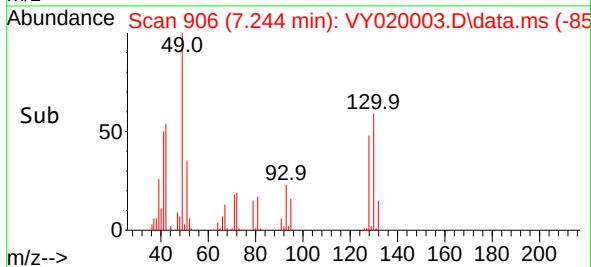
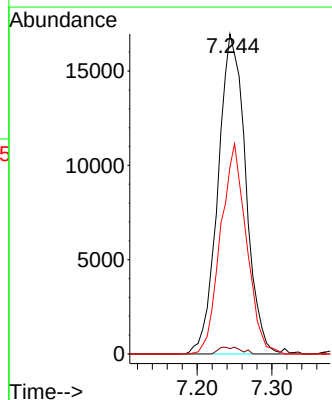
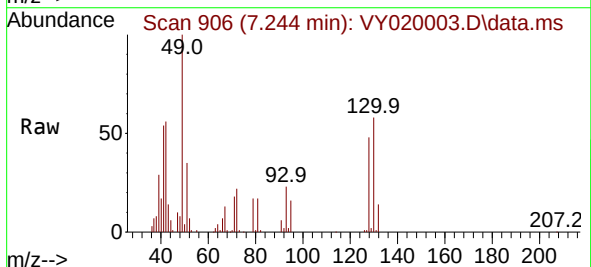
Instrument :
 MSVOA_Y
 ClientSampleId :

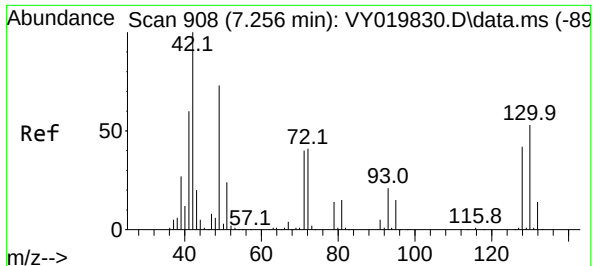
Tgt Ion: 96 Resp: 64905
 Ion Ratio Lower Upper
 96 100
 61 160.0 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.723 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

Tgt Ion: 49 Resp: 43641
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 61.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 101.560 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020003.D

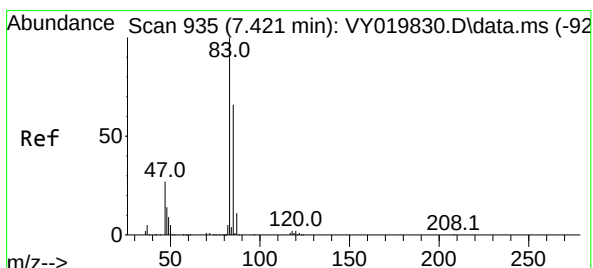
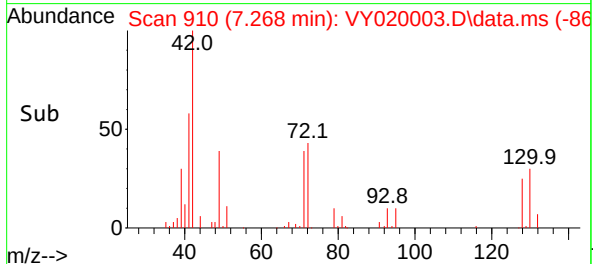
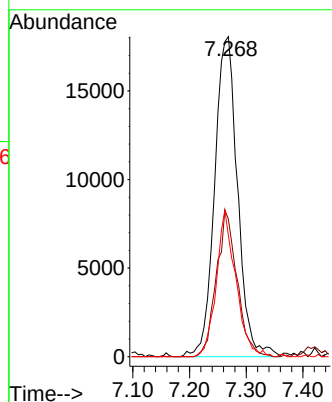
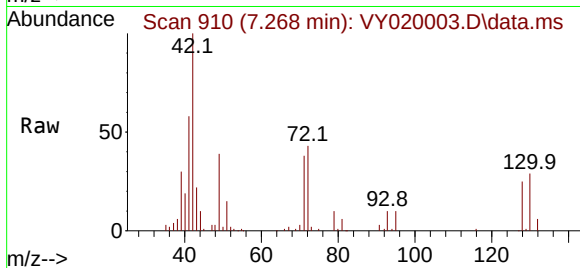
Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	50790
Ion	Ratio	Lower	Upper
42	100		
72	41.1	43.0	64.4#
71	39.1	40.8	61.2#



#30

Chloroform

Concen: 24.473 ug/l

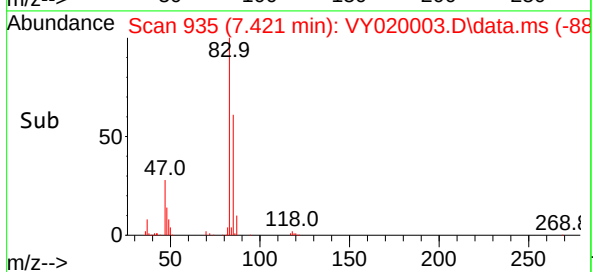
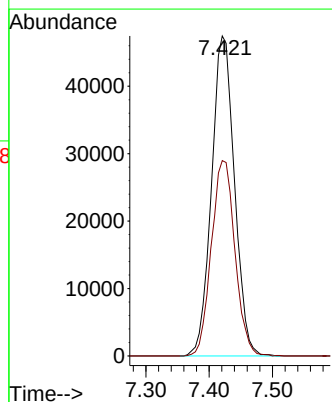
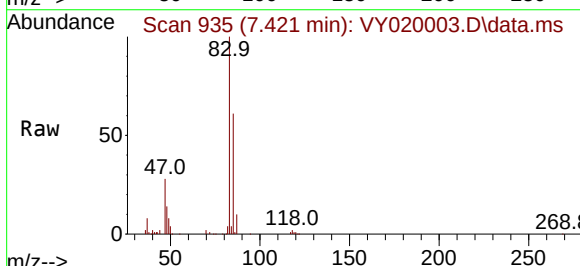
RT: 7.421 min Scan# 935

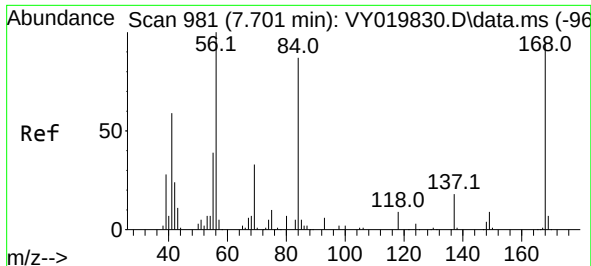
Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Tgt Ion:	83	Resp:	119363
Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.2	78.4

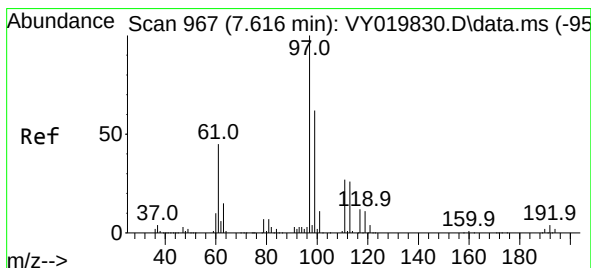
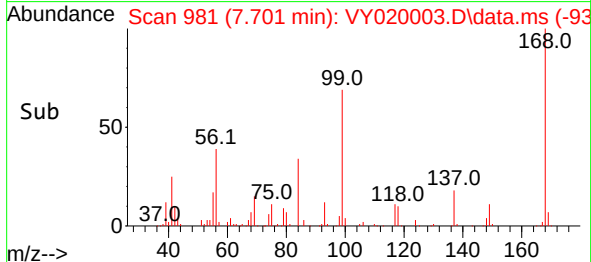
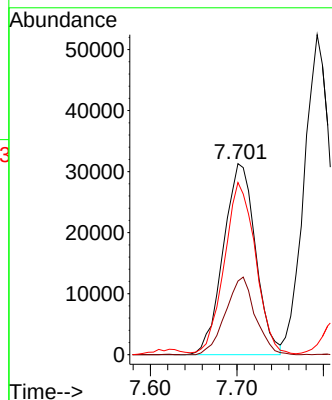
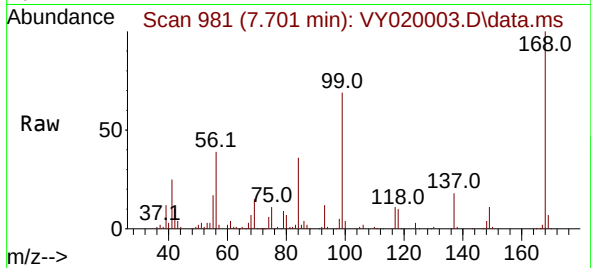




#31
Cyclohexane
Concen: 19.244 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

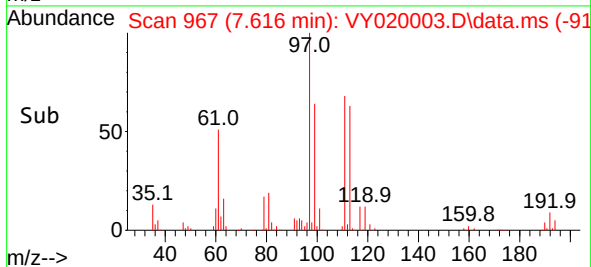
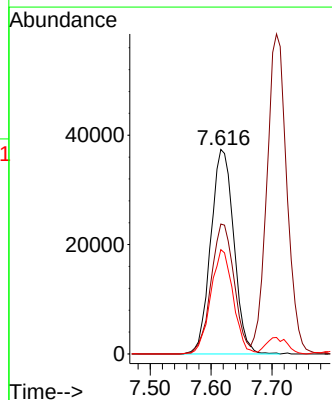
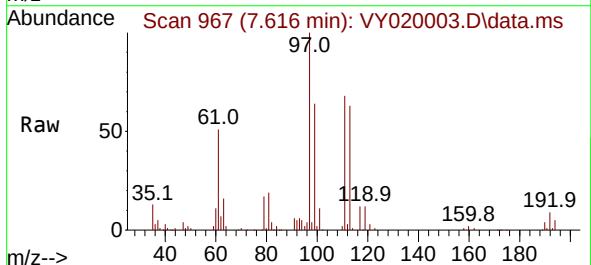
Instrument :
MSVOA_Y
ClientSampleId :

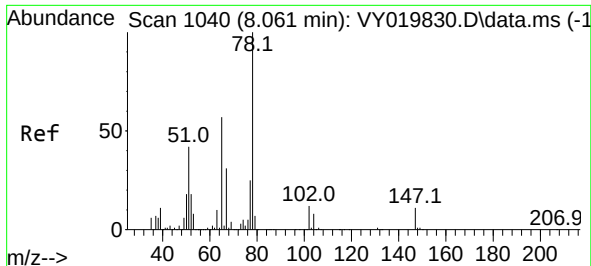
Tgt Ion: 56 Resp: 80824
Ion Ratio Lower Upper
56 100
69 38.5 28.7 43.1
84 88.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 23.039 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 97 Resp: 98477
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 49.8 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 50.508 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

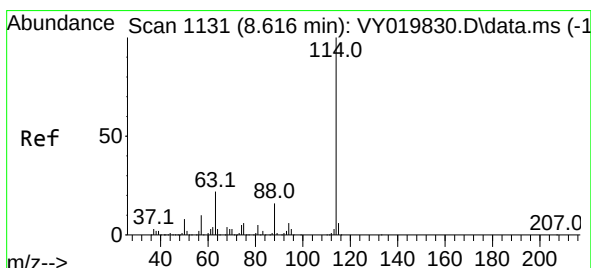
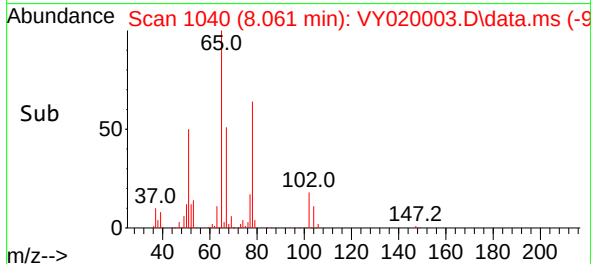
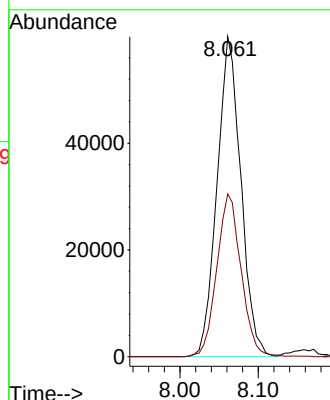
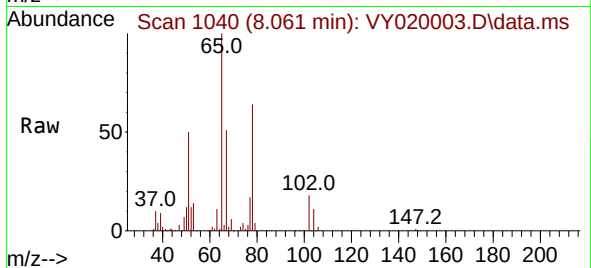
ClientSampleId :

Tgt Ion: 65 Resp: 126961

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

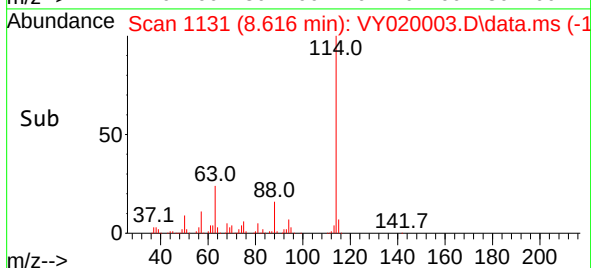
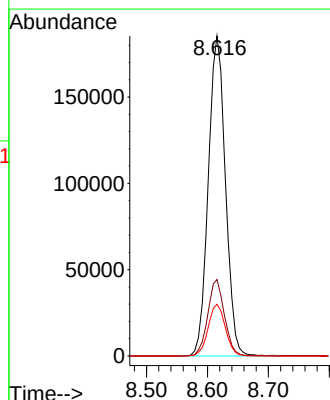
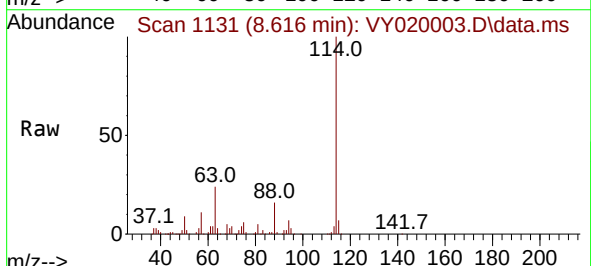
Tgt Ion: 114 Resp: 362700

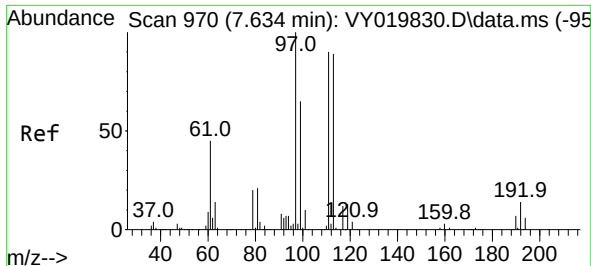
Ion Ratio Lower Upper

114 100

63 23.9 0.0 35.0

88 16.2 0.0 27.2

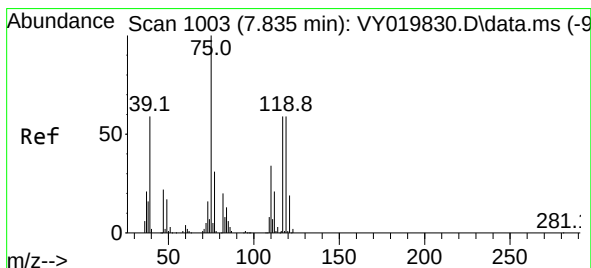
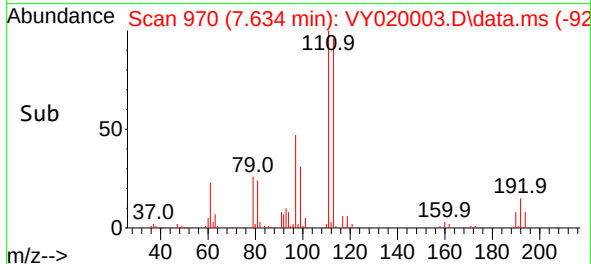
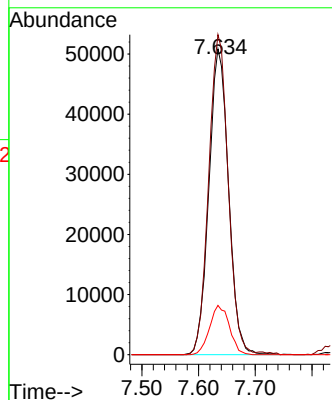
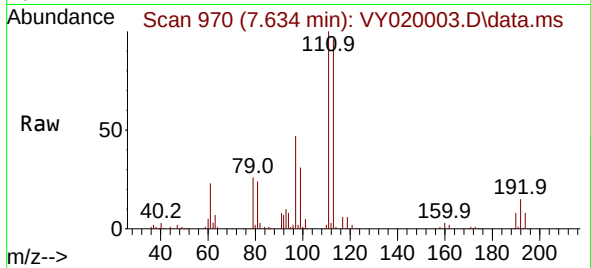




#35
Dibromofluoromethane
Concen: 51.227 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

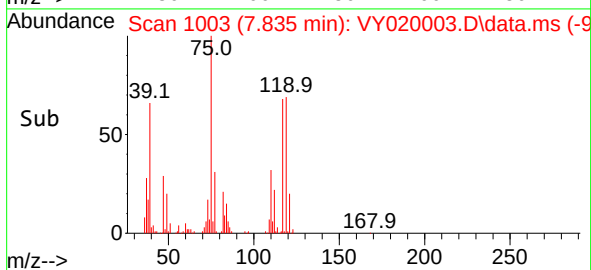
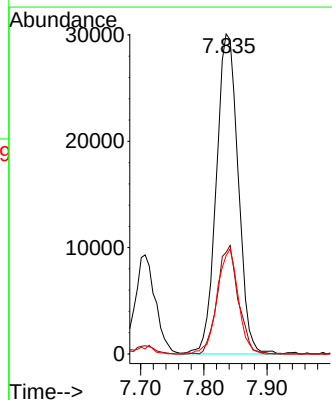
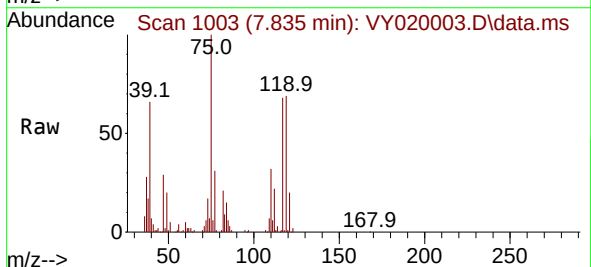
Instrument :
MSVOA_Y
ClientSampleId :

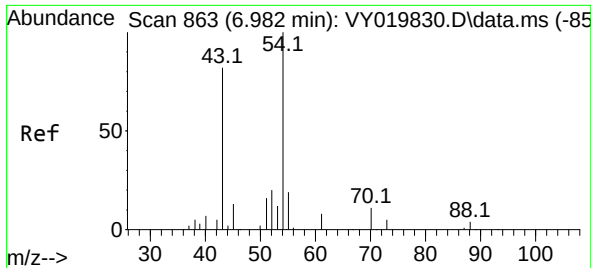
Tgt Ion:113 Resp: 122608
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.936 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 75 Resp: 72191
Ion Ratio Lower Upper
75 100
110 32.5 19.0 57.0
77 31.6 25.3 37.9

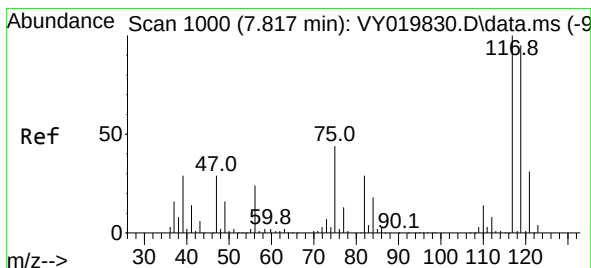
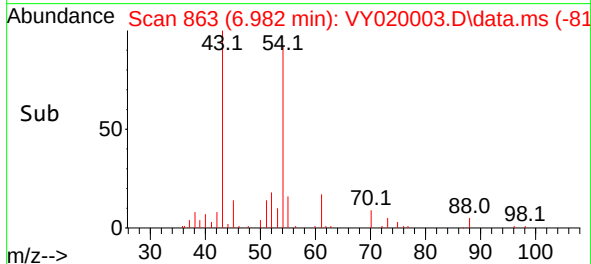
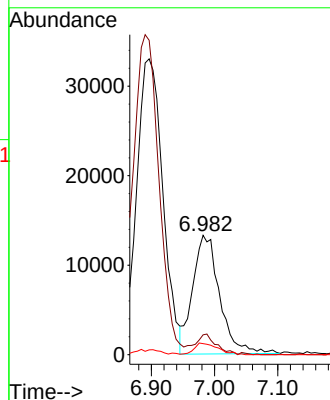
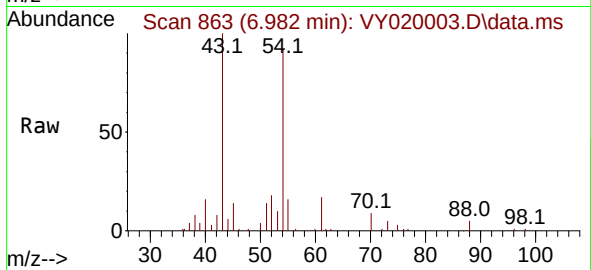




#37
Ethyl Acetate
Concen: 21.881 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

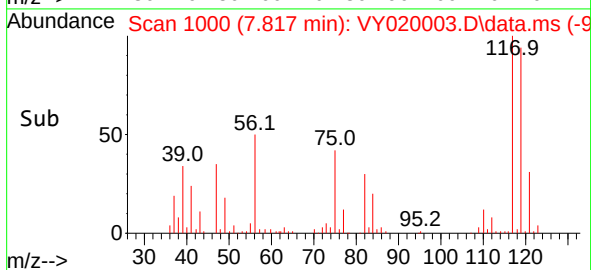
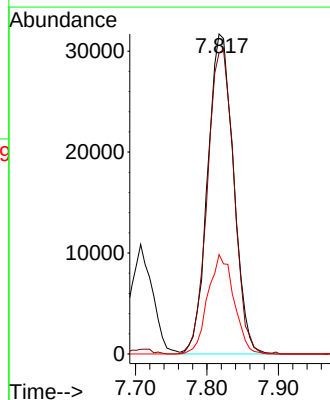
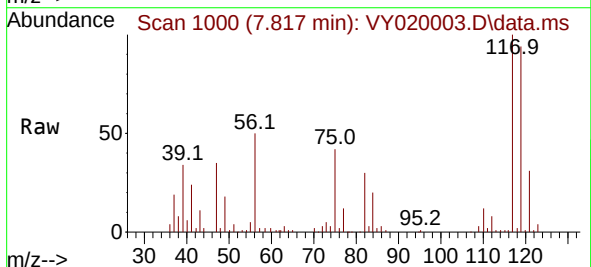
Instrument :
MSVOA_Y
ClientSampleId :

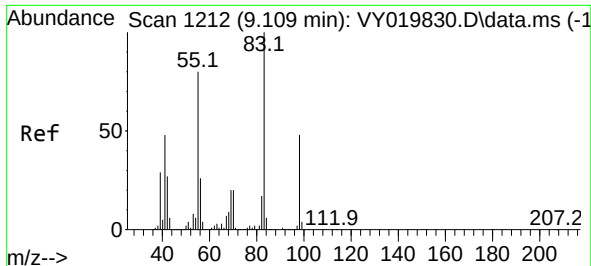
Tgt Ion: 43 Resp: 39343
Ion Ratio Lower Upper
43 100
61 12.9 12.6 19.0
70 8.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.559 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 117 Resp: 79693
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 31.1 24.0 36.0

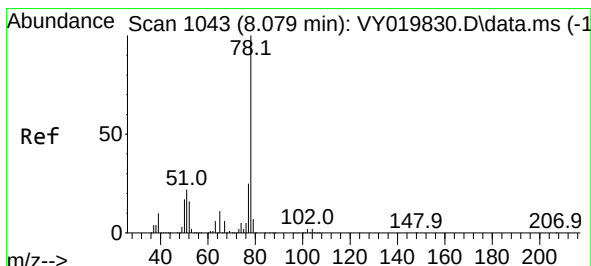
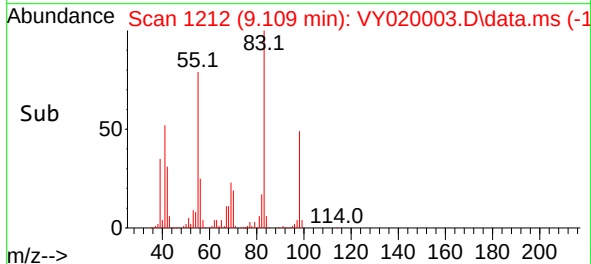
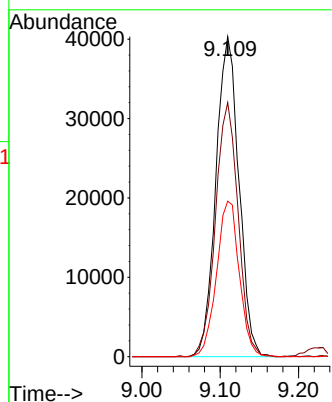
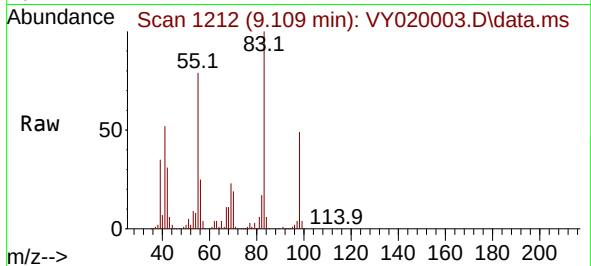




#39
Methylcyclohexane
Concen: 18.915 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

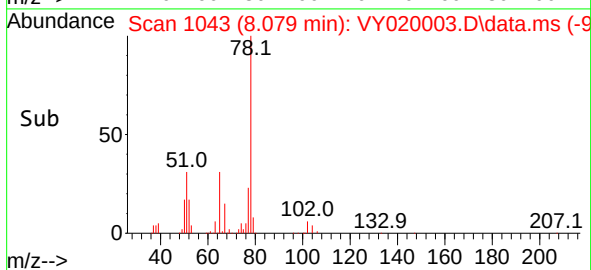
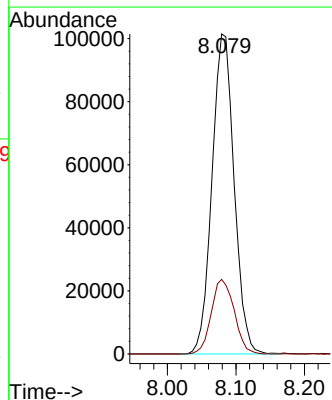
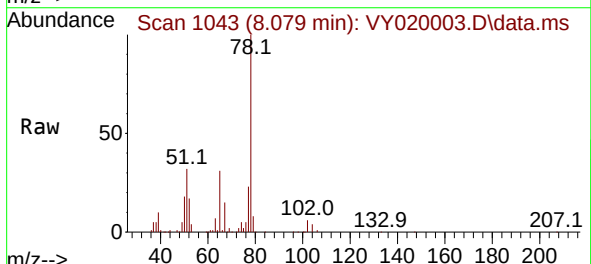
Instrument :
MSVOA_Y
ClientSampleId :

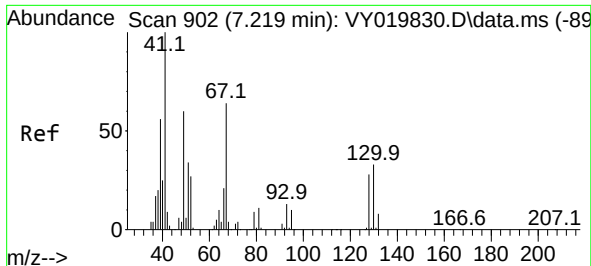
Tgt Ion: 83 Resp: 82178
Ion Ratio Lower Upper
83 100
55 79.4 51.5 77.3#
98 48.6 40.5 60.7



#40
Benzene
Concen: 21.778 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 78 Resp: 227264
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3

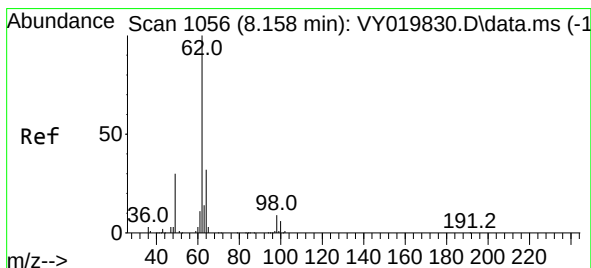
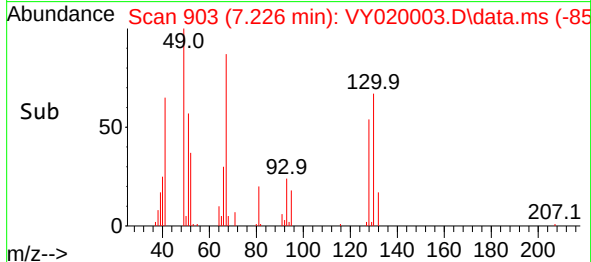
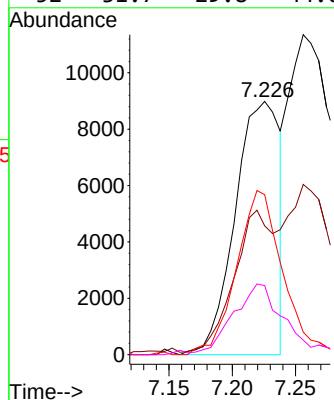
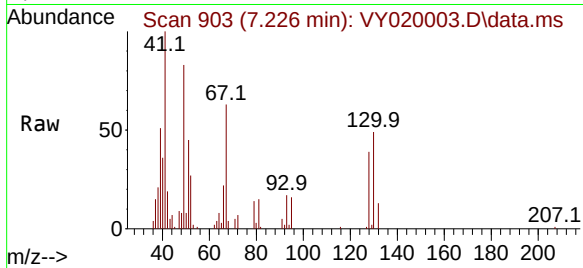




#41
Methacrylonitrile
Concen: 22.648 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

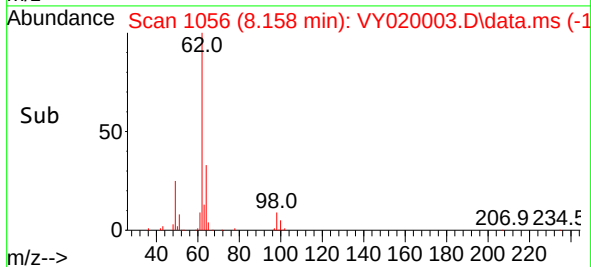
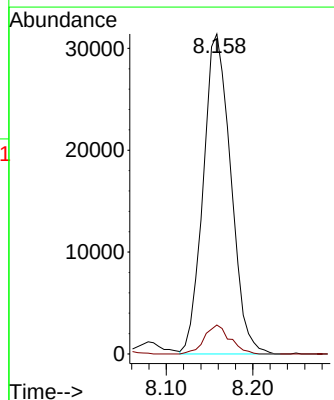
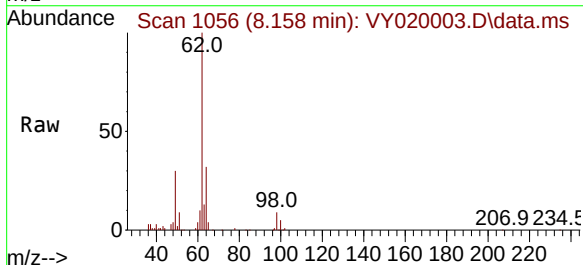
Instrument :
MSVOA_Y
ClientSampleId :

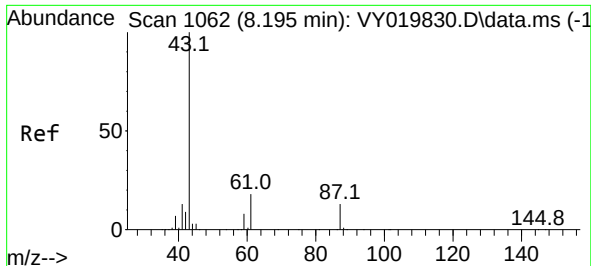
Tgt Ion: 41 Resp: 22039
Ion Ratio Lower Upper
41 100
39 47.0 48.0 72.0#
67 67.5 75.1 112.7#
52 31.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 23.172 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 62 Resp: 69470
Ion Ratio Lower Upper
62 100
98 8.4 0.0 22.0

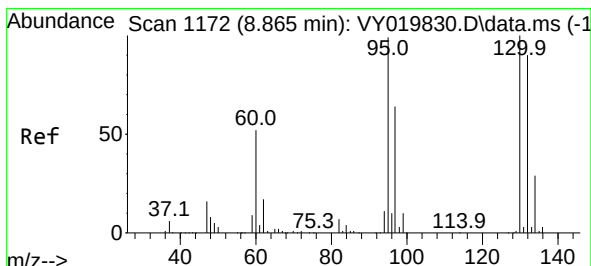
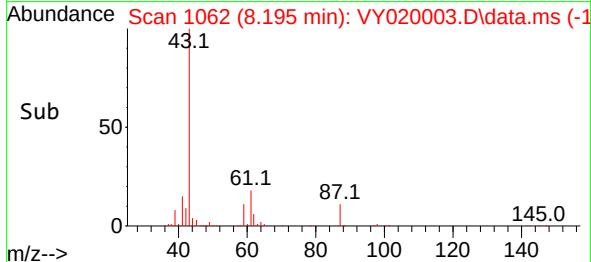
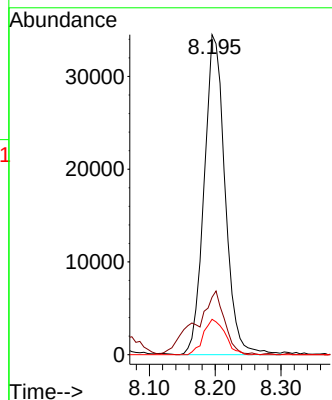
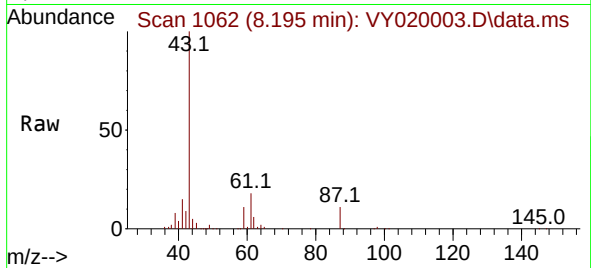




#43
Isopropyl Acetate
Concen: 20.769 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

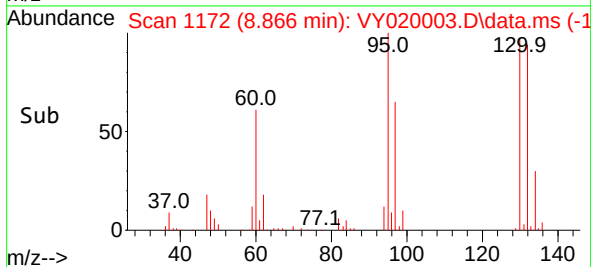
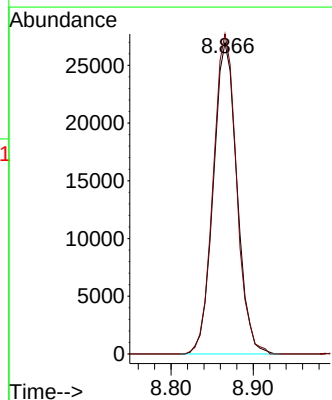
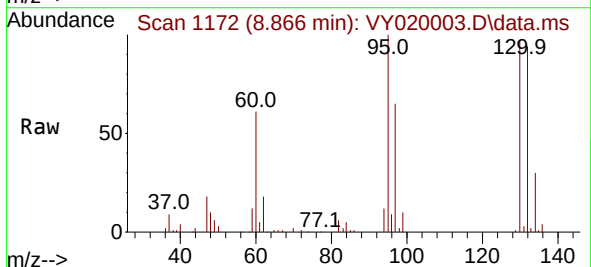
Instrument :
MSVOA_Y
ClientSampleId :

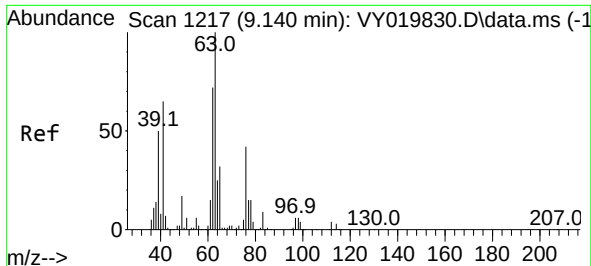
Tgt Ion: 43 Resp: 76156
Ion Ratio Lower Upper
43 100
61 27.7 27.9 41.9#
87 11.5 13.1 19.7#



#44
Trichloroethene
Concen: 21.272 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:130 Resp: 53764
Ion Ratio Lower Upper
130 100
95 102.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 23.408 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

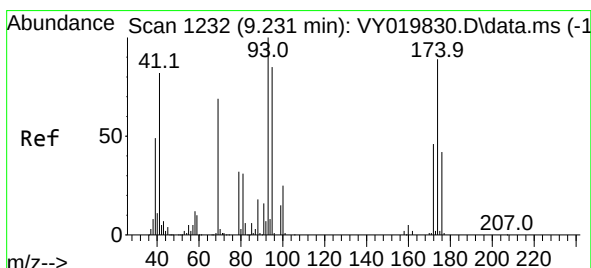
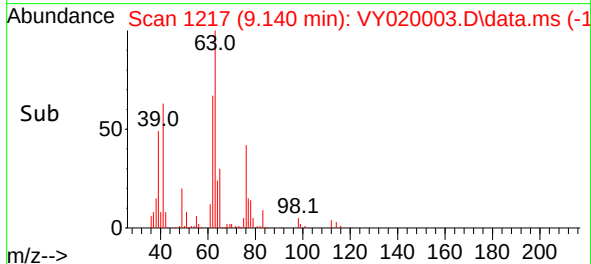
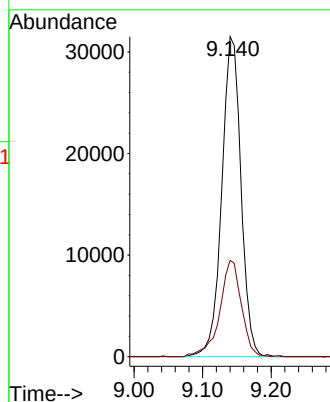
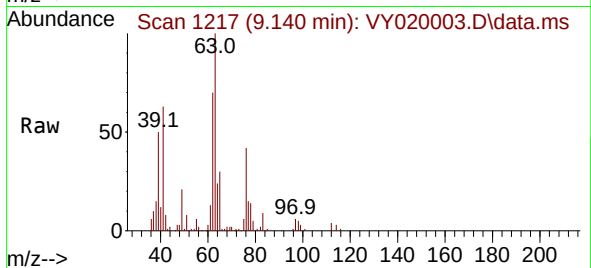
ClientSampleId :

Tgt Ion: 63 Resp: 61140

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.2



#46

Dibromomethane

Concen: 21.069 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

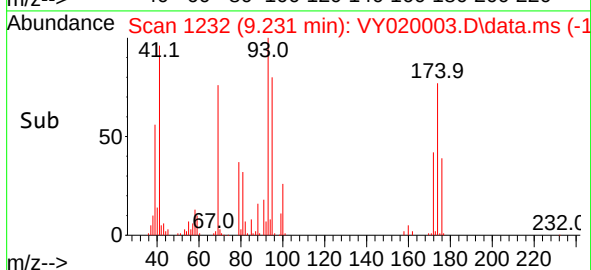
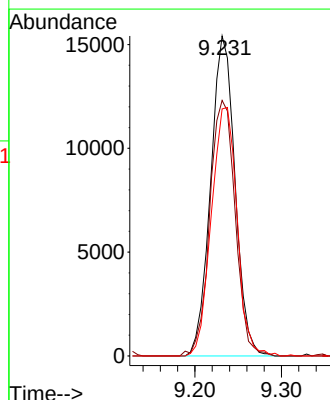
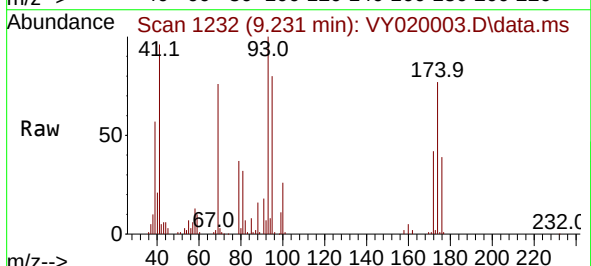
Tgt Ion: 93 Resp: 30067

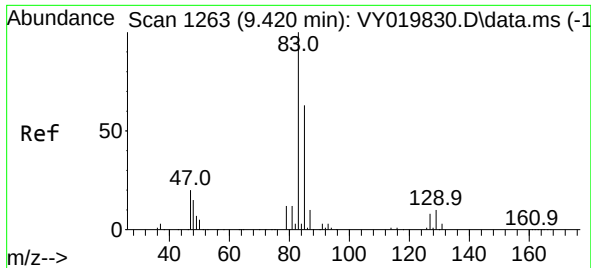
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 81.8 80.9 121.3

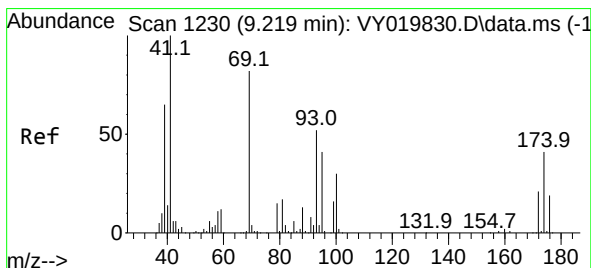
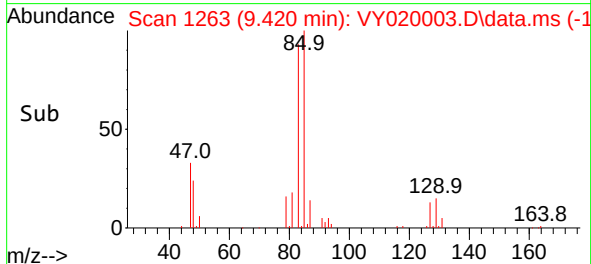
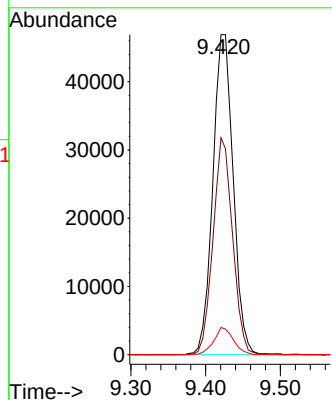
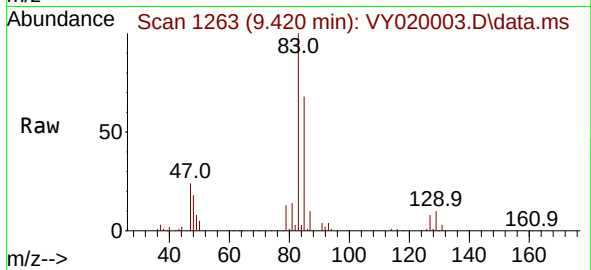




#47
Bromodichloromethane
Concen: 23.469 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

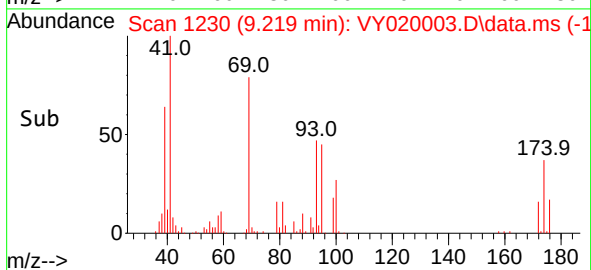
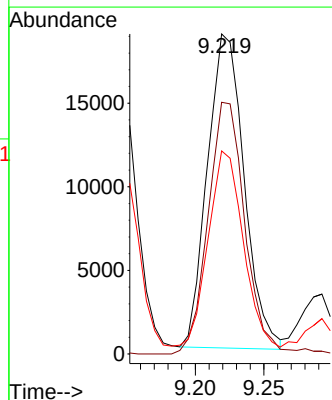
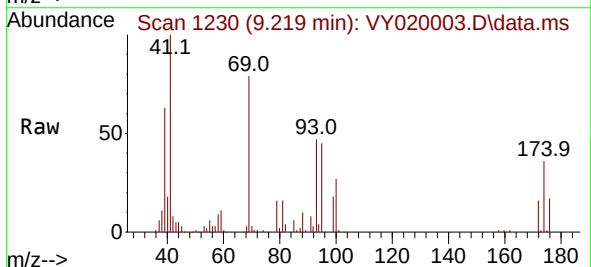
Instrument :
MSVOA_Y
ClientSampleId :

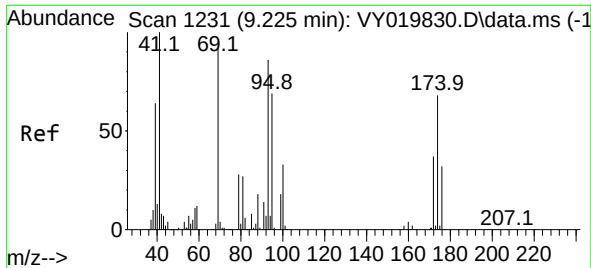
Tgt Ion: 83 Resp: 88897
Ion Ratio Lower Upper
83 100
85 67.7 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 21.736 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 41 Resp: 35059
Ion Ratio Lower Upper
41 100
69 80.6 84.1 126.1#
39 63.8 43.6 65.4





#49

1,4-Dioxane

Concen: 379.287 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

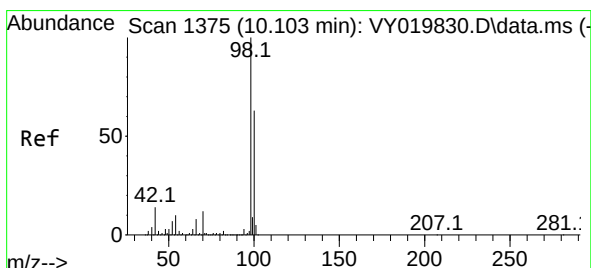
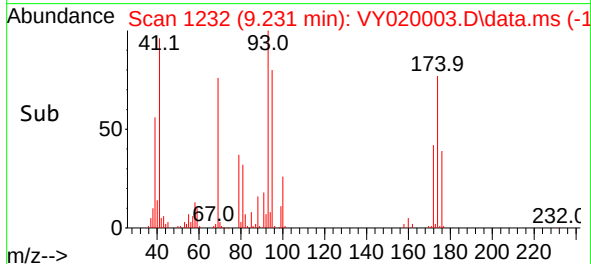
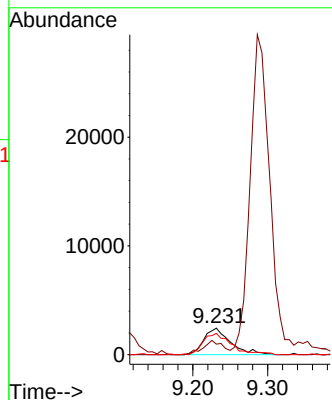
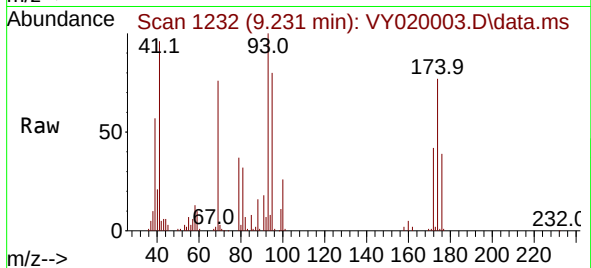
Tgt Ion: 88 Resp: 6058

Ion Ratio Lower Upper

88 100

43 40.0 0.0 0.0#

58 85.5 49.3 73.9#



#50

Toluene-d8

Concen: 50.365 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020003.D

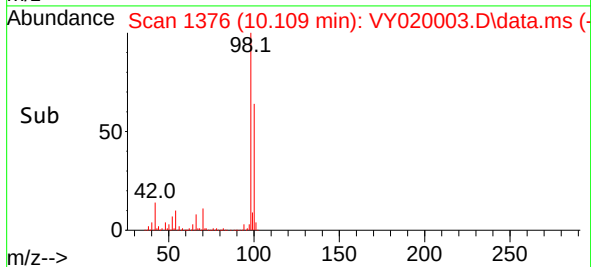
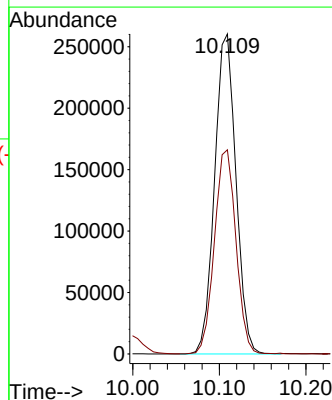
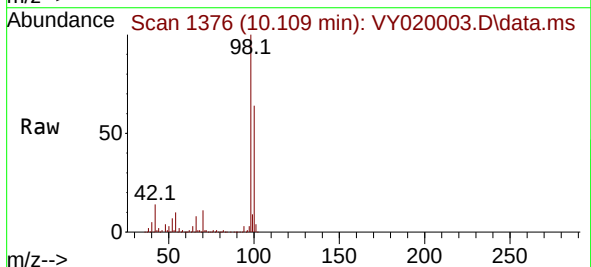
Acq: 24 Oct 2024 11:43

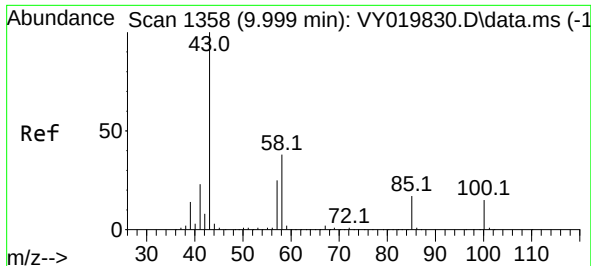
Tgt Ion: 98 Resp: 445154

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

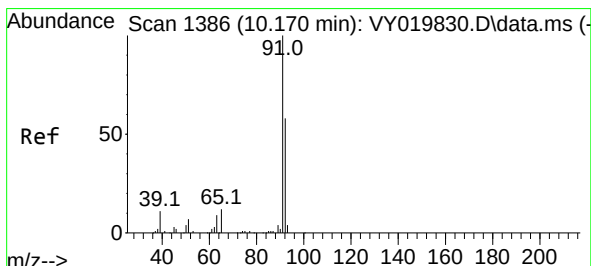
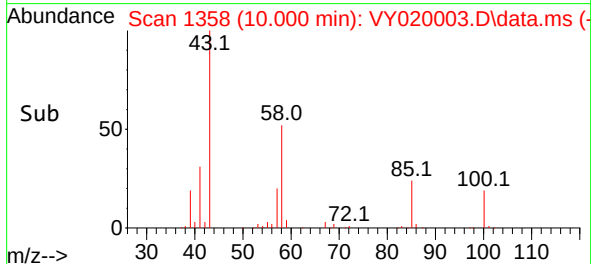
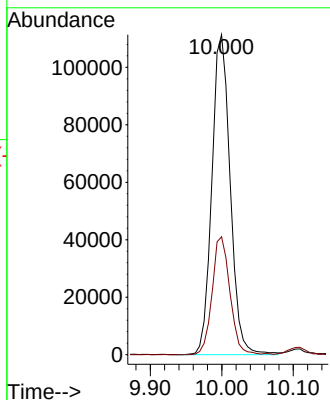
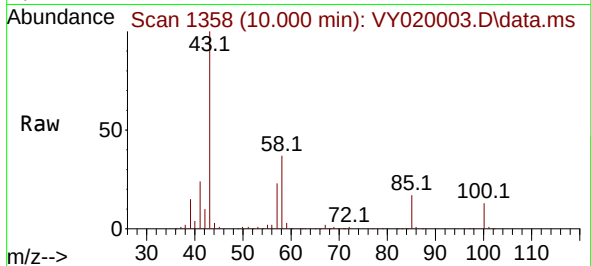




#51
4-Methyl-2-Pentanone
Concen: 106.188 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

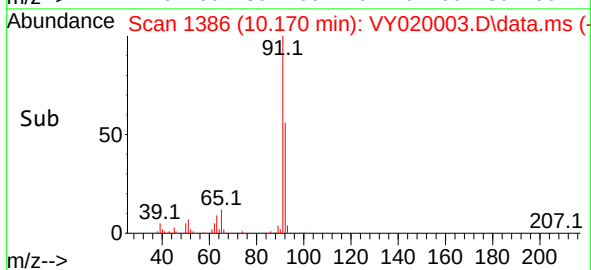
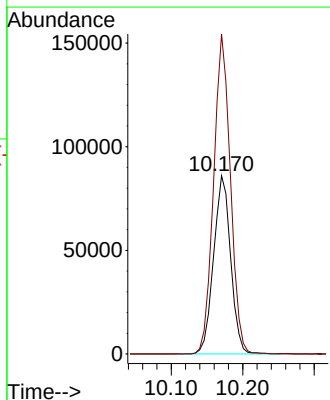
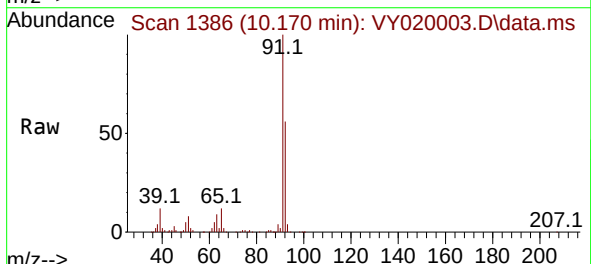
Instrument :
MSVOA_Y
ClientSampleId :

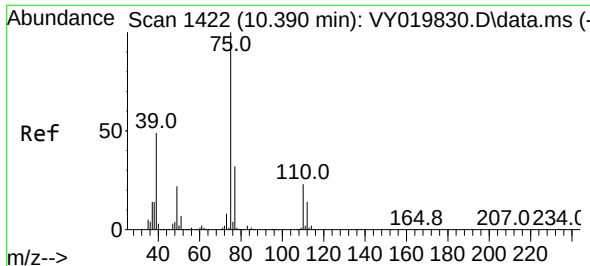
Tgt Ion: 43 Resp: 198606
Ion Ratio Lower Upper
43 100
58 35.9 35.7 53.5



#52
Toluene
Concen: 21.838 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 92 Resp: 142248
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.6

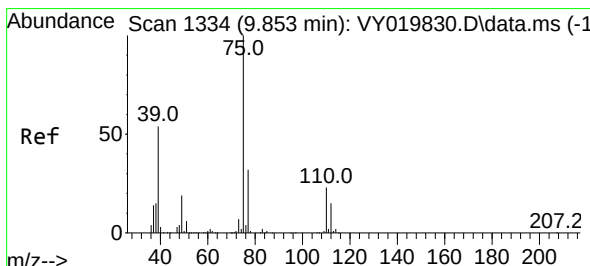
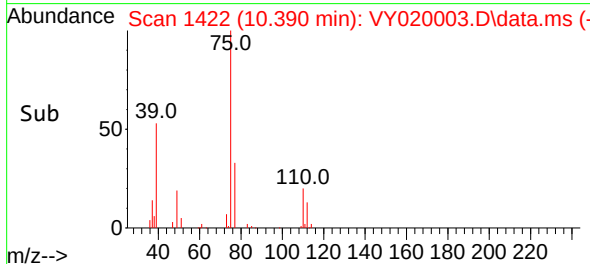
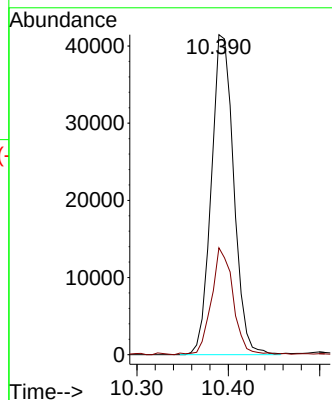
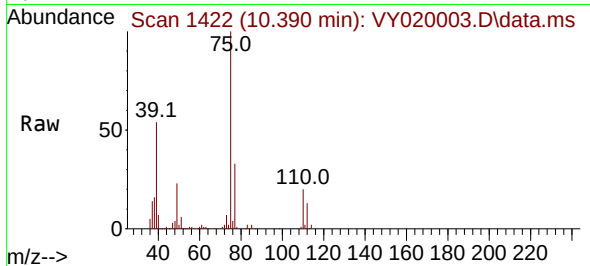




#53
 t-1,3-Dichloropropene
 Concen: 20.722 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

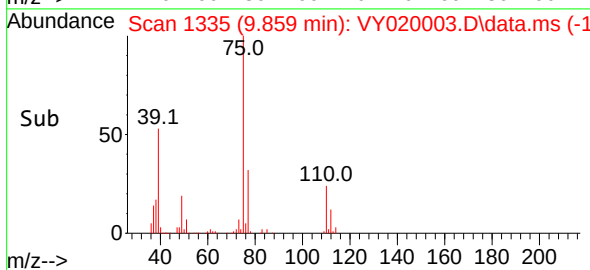
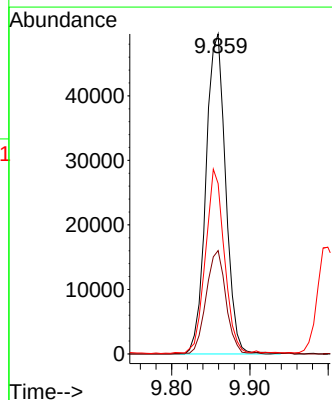
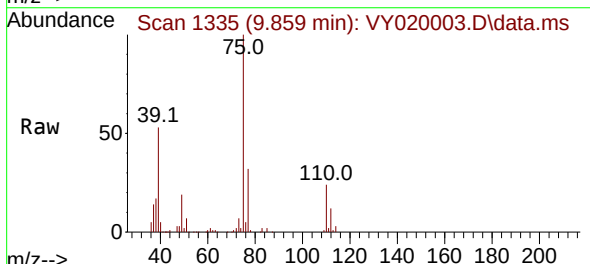
Instrument :
 MSVOA_Y
 ClientSampleId :

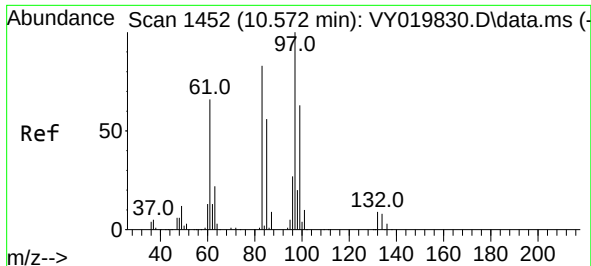
Tgt Ion: 75 Resp: 70625
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.458 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

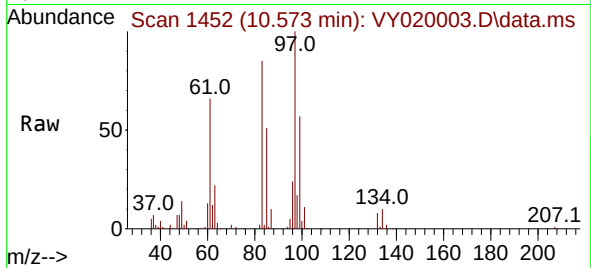
Tgt Ion: 75 Resp: 86294
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0
 39 52.9 29.8 44.6#



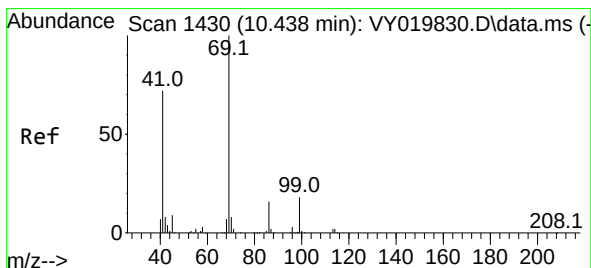
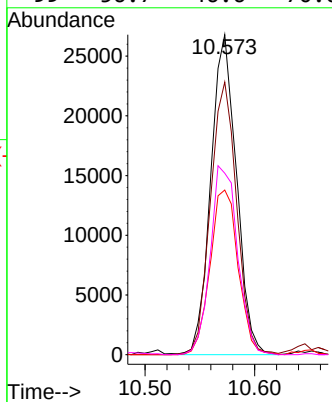
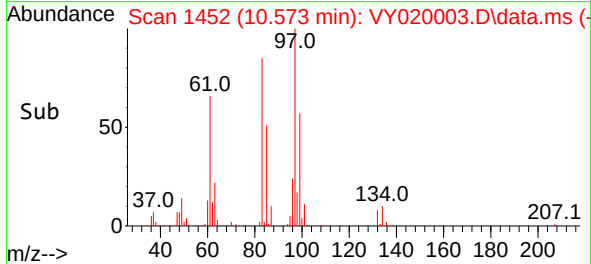


#55
1,1,2-Trichloroethane
Concen: 23.235 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Instrument :
MSVOA_Y
ClientSampleId :

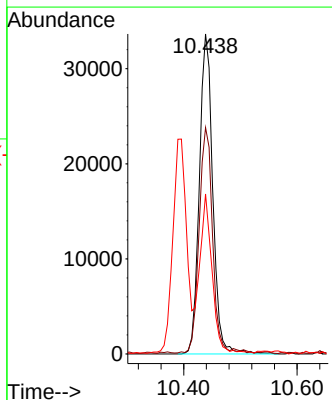
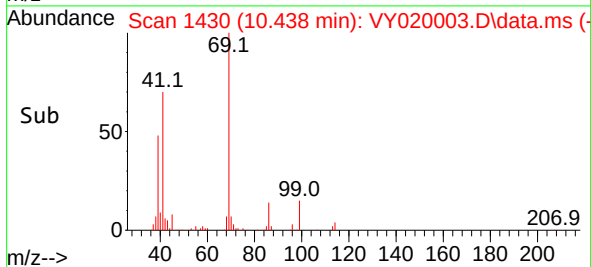
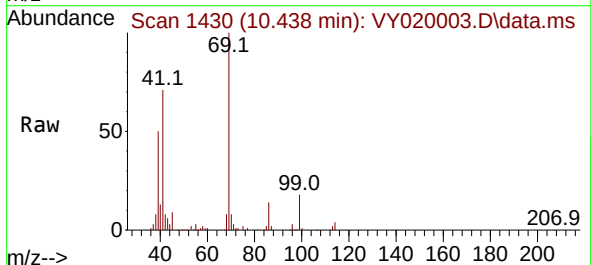


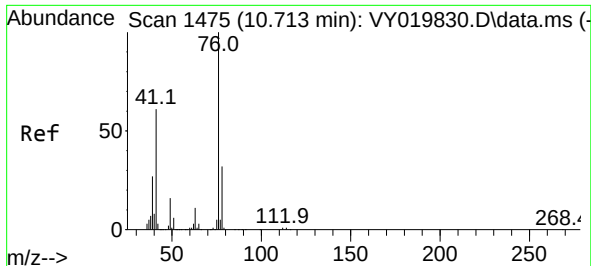
Tgt Ion:	97	Resp:	43686
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.5	101.3
85	51.4	42.9	64.3
99	56.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 20.518 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:	69	Resp:	55355
Ion	Ratio	Lower	Upper
69	100		
41	69.8	42.3	63.5#
39	46.8	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 22.519 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

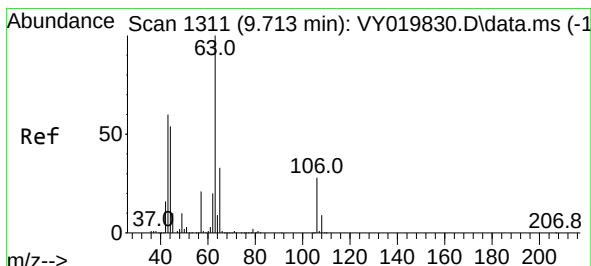
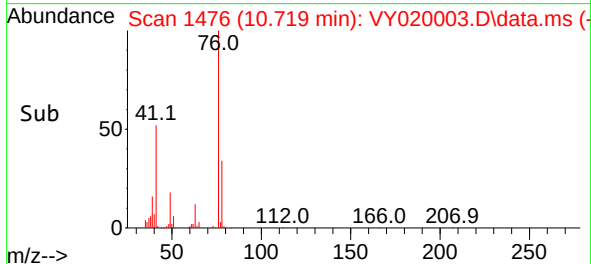
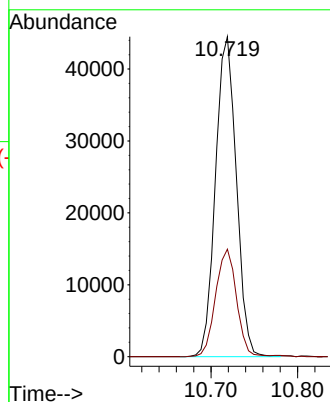
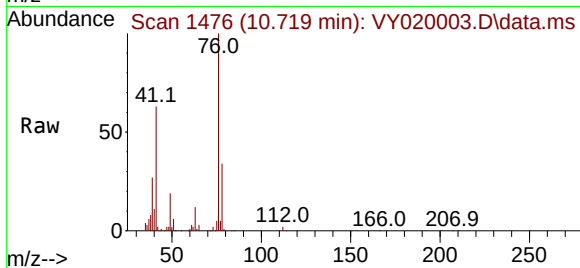
ClientSampleId :

Tgt Ion: 76 Resp: 74355

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.900 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020003.D

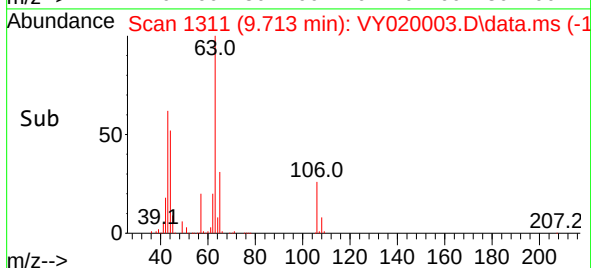
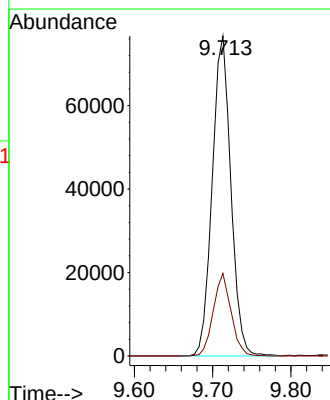
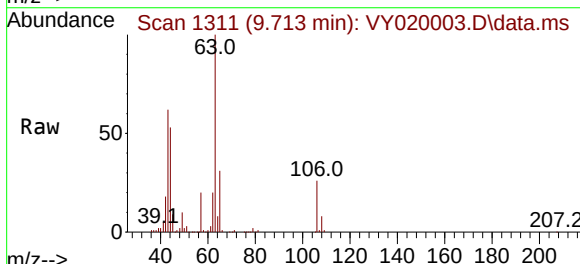
Acq: 24 Oct 2024 11:43

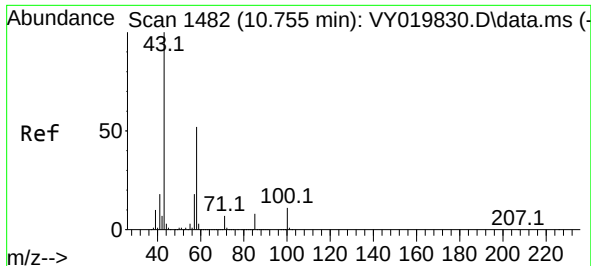
Tgt Ion: 63 Resp: 126724

Ion Ratio Lower Upper

63 100

106 24.6 23.7 35.5





#59

2-Hexanone

Concen: 106.049 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

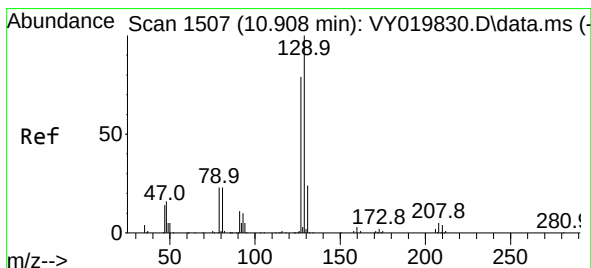
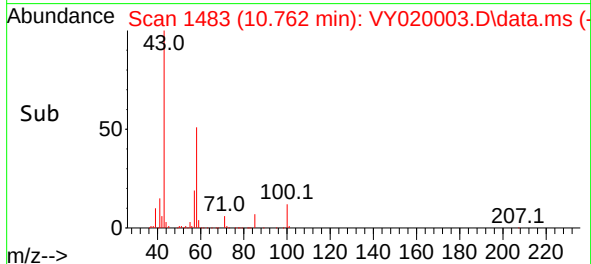
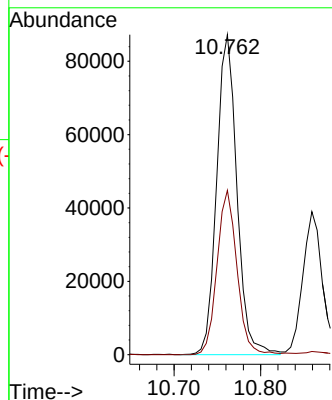
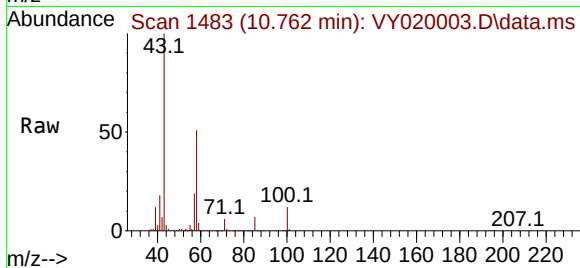
ClientSampleId :

Tgt Ion: 43 Resp: 141665

Ion Ratio Lower Upper

43 100

58 50.9 31.4 94.0



#60

Dibromochloromethane

Concen: 22.370 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020003.D

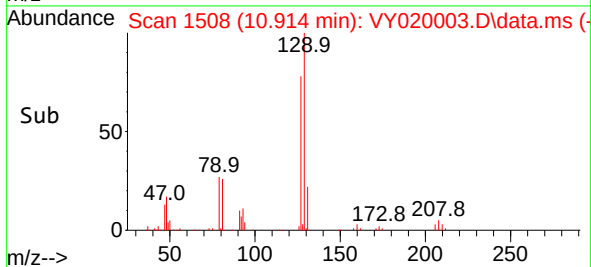
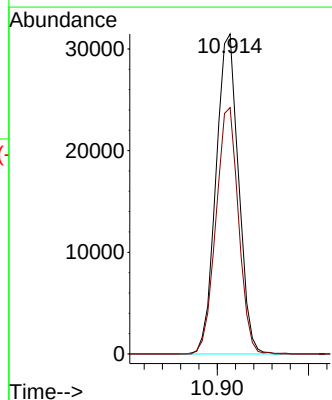
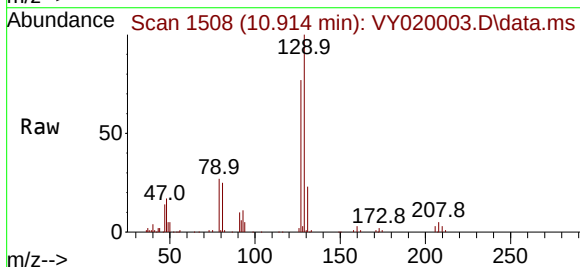
Acq: 24 Oct 2024 11:43

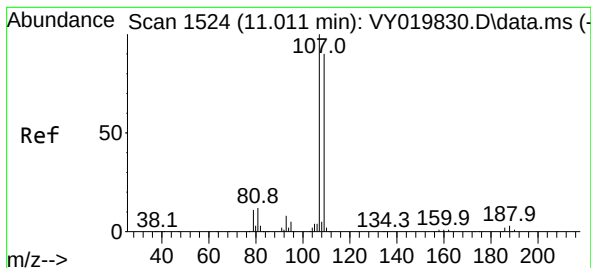
Tgt Ion: 129 Resp: 53984

Ion Ratio Lower Upper

129 100

127 77.0 39.0 117.0

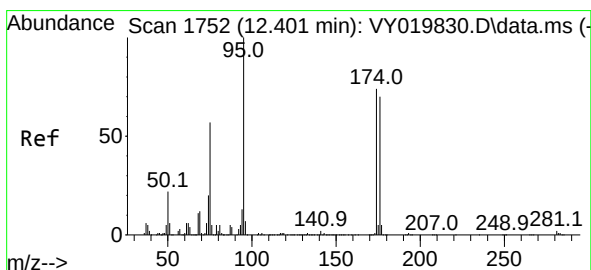
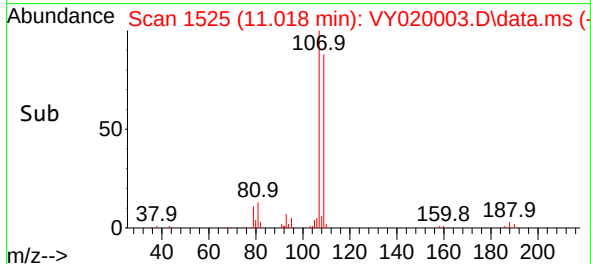
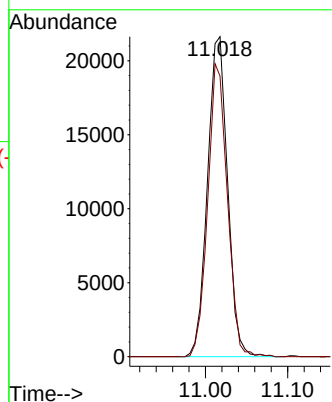
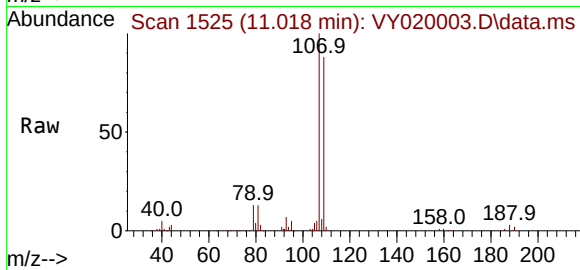




#61
1,2-Dibromoethane
Concen: 21.596 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

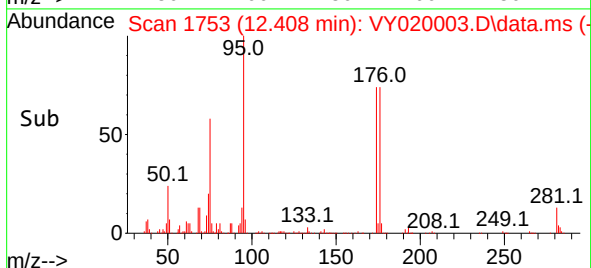
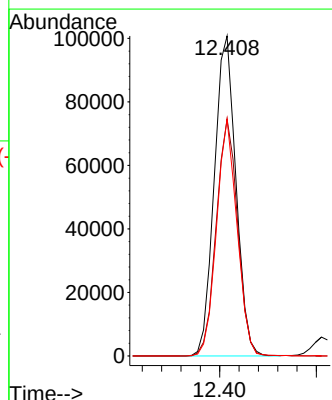
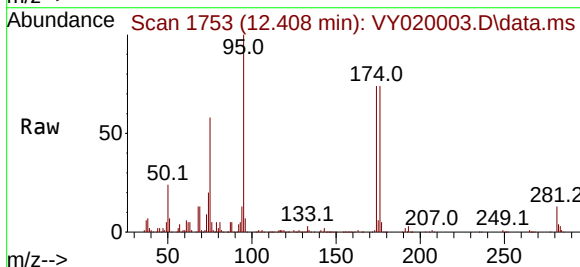
Instrument :
MSVOA_Y
ClientSampleId :

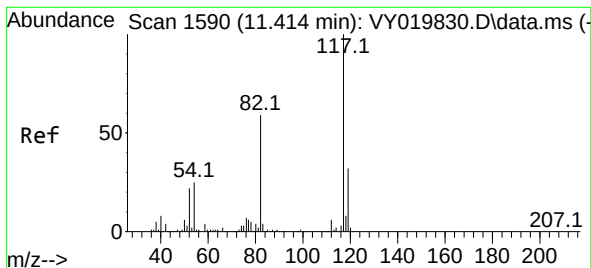
Tgt Ion:107 Resp: 36692
Ion Ratio Lower Upper
107 100
109 89.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.896 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 95 Resp: 156157
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

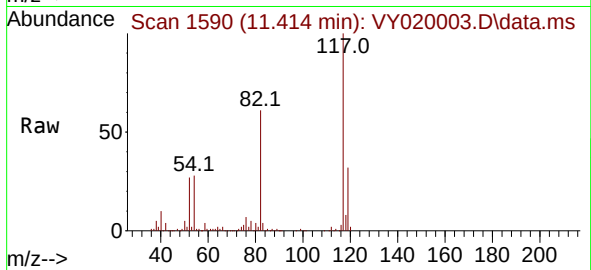
Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :



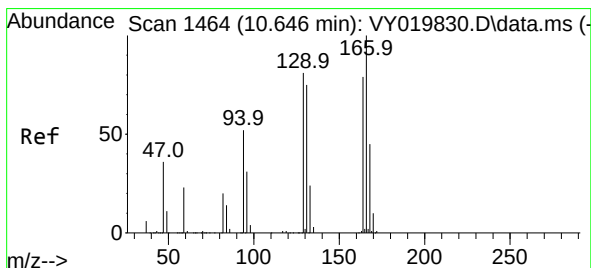
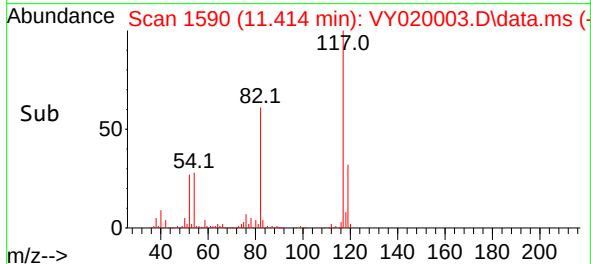
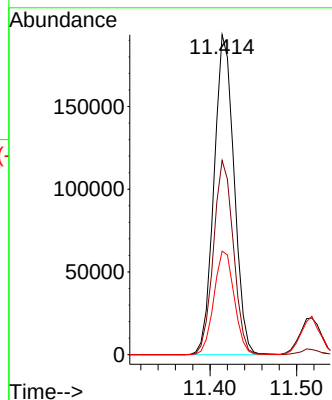
Tgt Ion:117 Resp: 311120

Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 19.686 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Tgt Ion:164 Resp: 43564

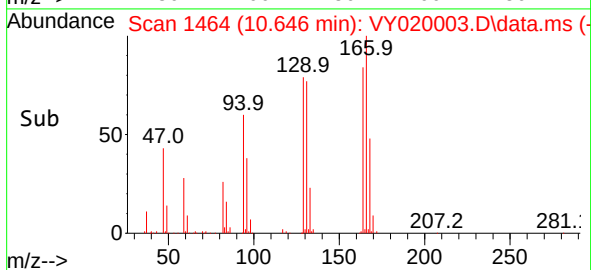
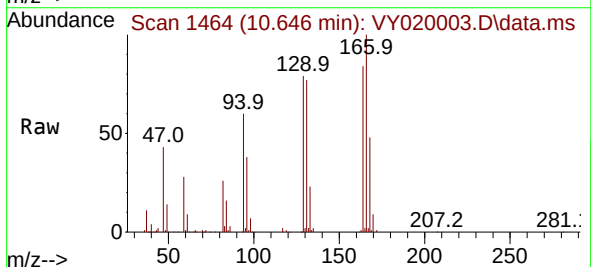
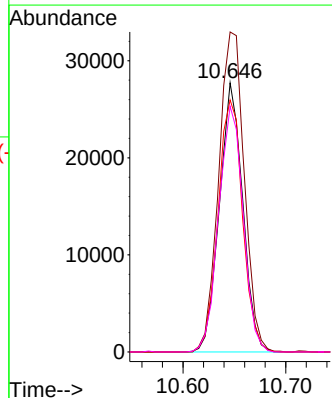
Ion Ratio Lower Upper

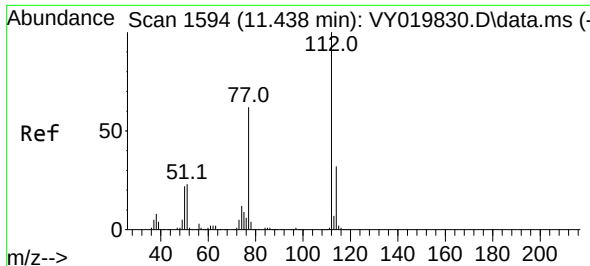
164 100

166 118.9 102.6 154.0

129 93.7 72.0 108.0

131 91.3 70.0 105.0

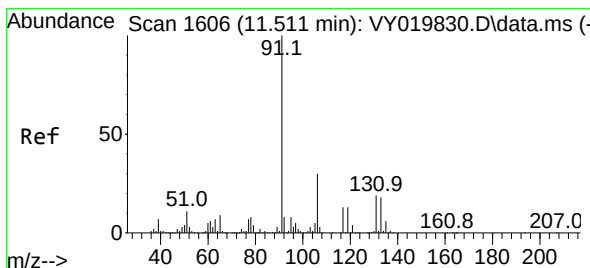
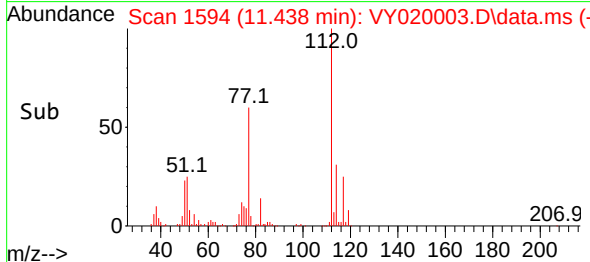
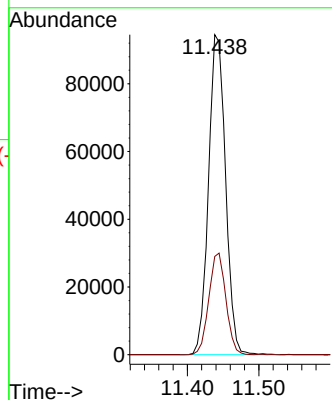
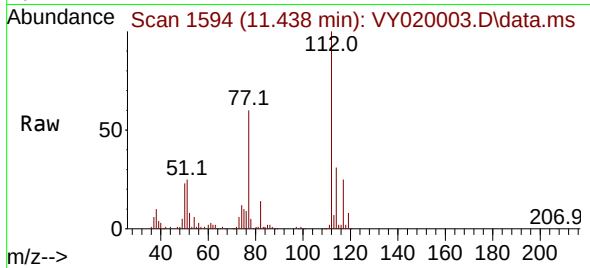




#65
Chlorobenzene
Concen: 21.979 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

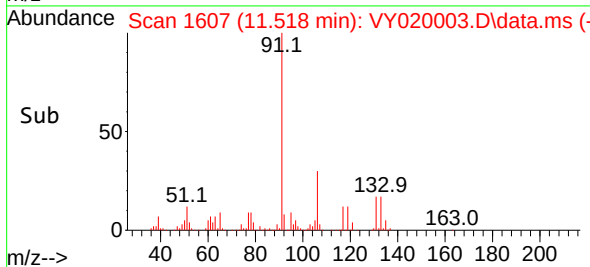
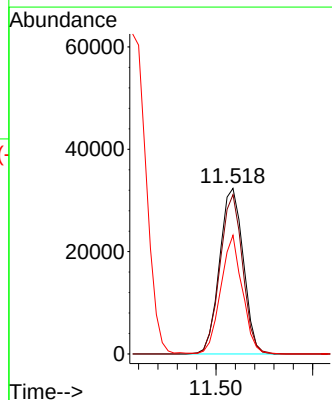
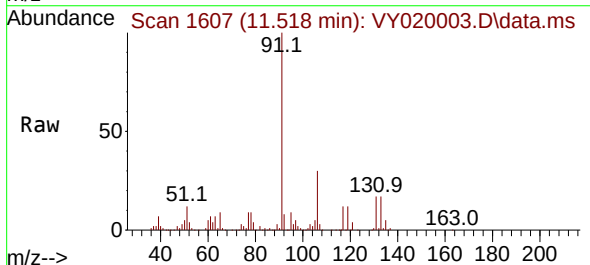
Instrument :
MSVOA_Y
ClientSampleId :

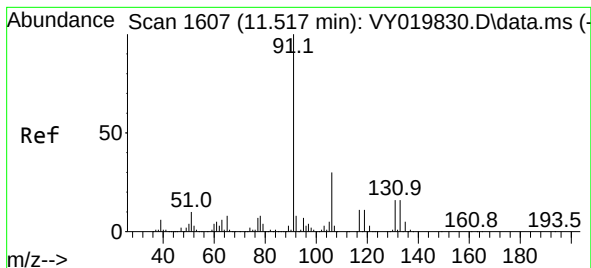
Tgt Ion:112 Resp: 156404
Ion Ratio Lower Upper
112 100
114 30.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.841 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:131 Resp: 54993
Ion Ratio Lower Upper
131 100
133 92.4 47.8 143.3
119 65.6 34.1 102.2





#67

Ethyl Benzene

Concen: 22.207 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

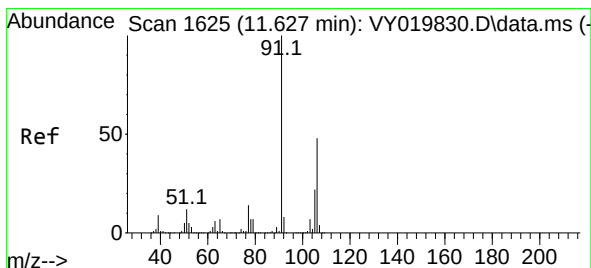
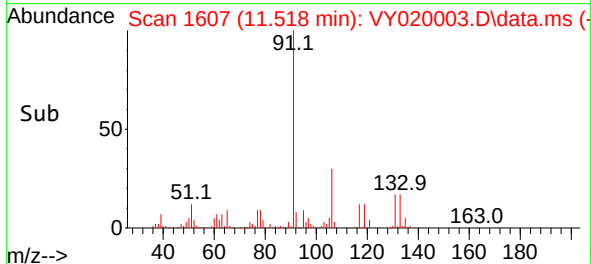
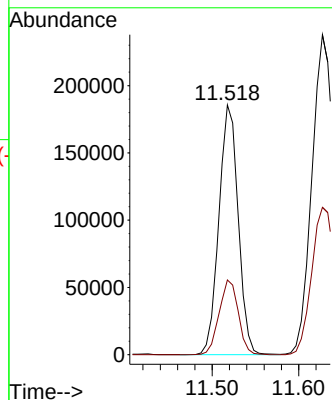
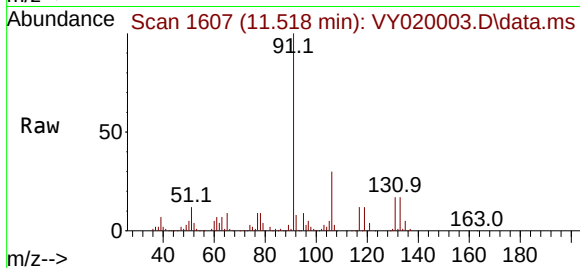
ClientSampleId :

Tgt Ion: 91 Resp: 287061

Ion Ratio Lower Upper

91 100

106 29.9 24.5 36.7



#68

m/p-Xylenes

Concen: 43.337 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020003.D

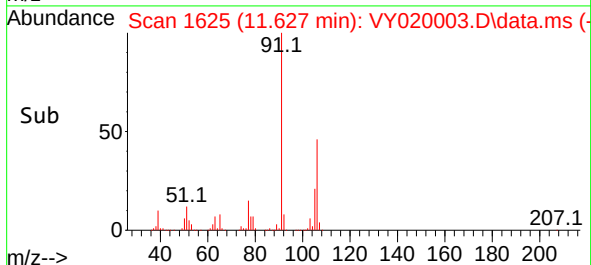
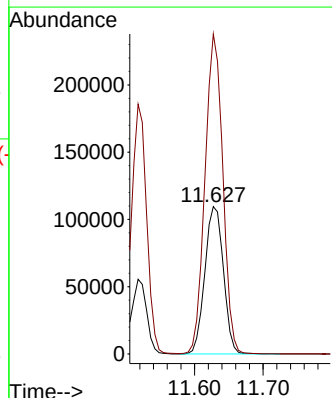
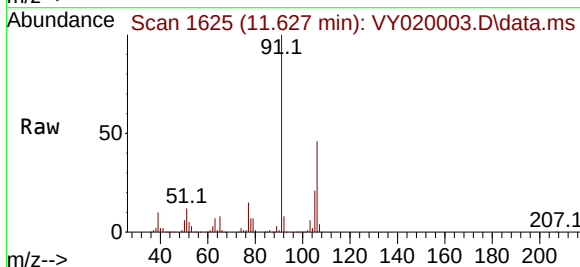
Acq: 24 Oct 2024 11:43

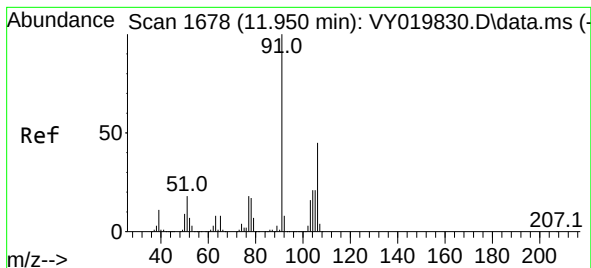
Tgt Ion:106 Resp: 206893

Ion Ratio Lower Upper

106 100

91 208.4 156.0 234.0





#69

o-Xylene

Concen: 22.085 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

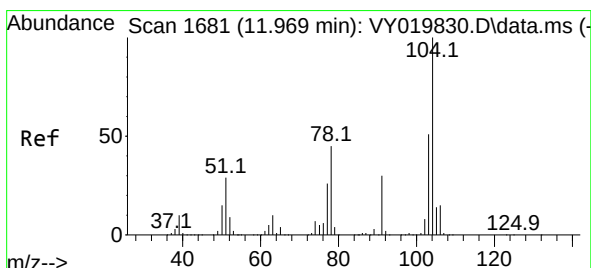
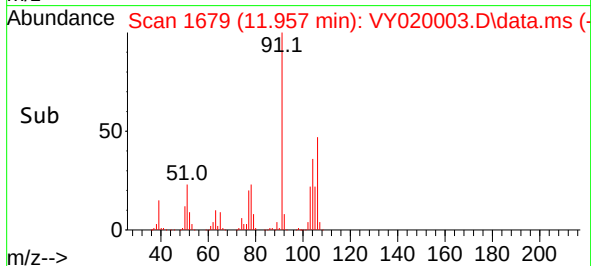
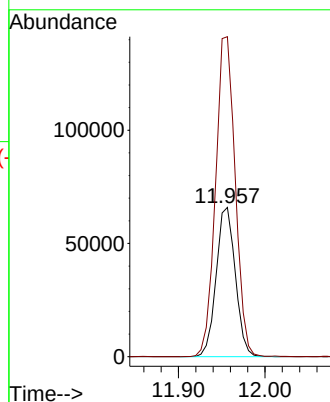
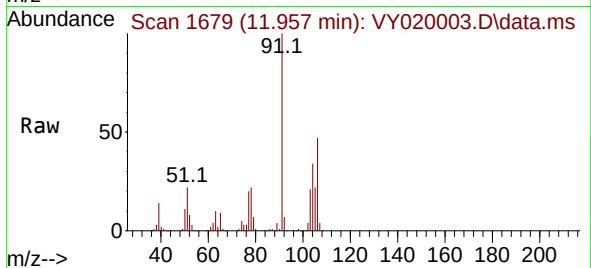
ClientSampleId :

Tgt Ion:106 Resp: 101305

Ion Ratio Lower Upper

106 100

91 220.2 103.6 310.8



#70

Styrene

Concen: 21.914 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

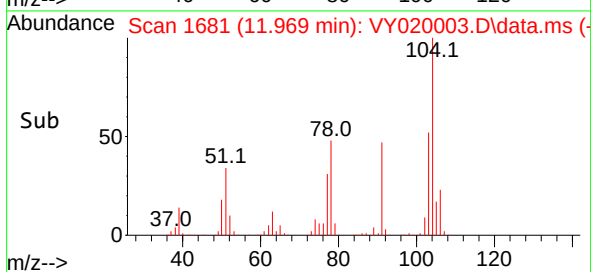
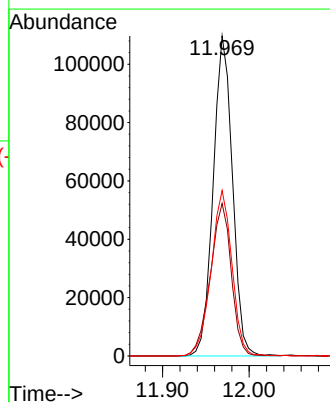
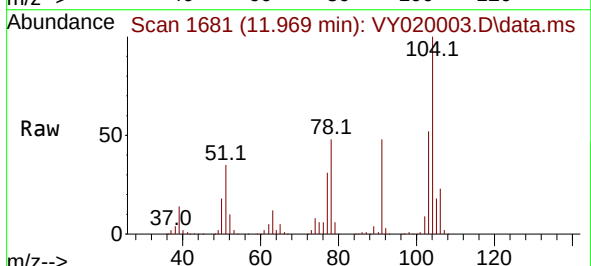
Tgt Ion:104 Resp: 169589

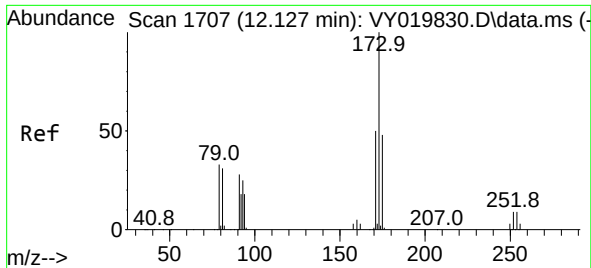
Ion Ratio Lower Upper

104 100

78 51.8 37.0 55.4

103 55.9 44.2 66.2

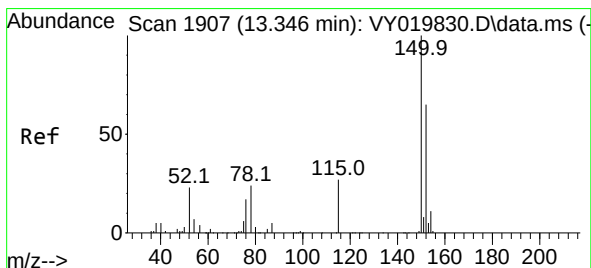
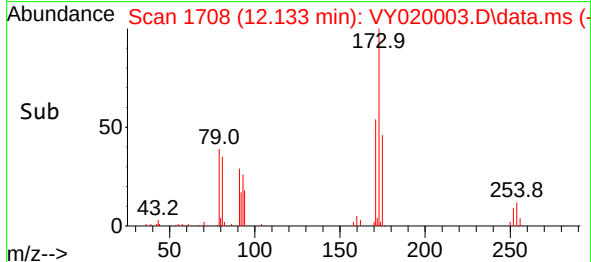
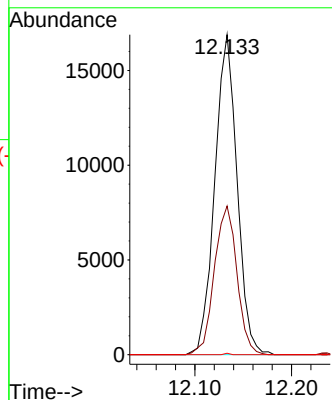
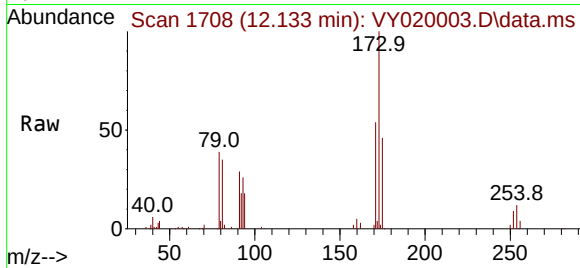




#71
Bromoform
Concen: 20.953 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

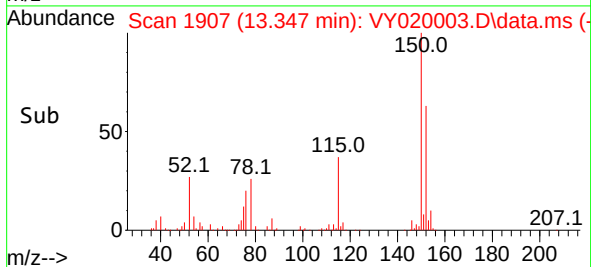
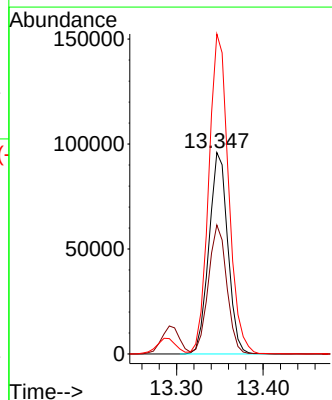
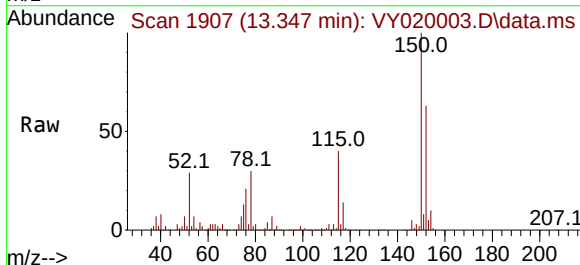
Instrument :
MSVOA_Y
ClientSampleId :

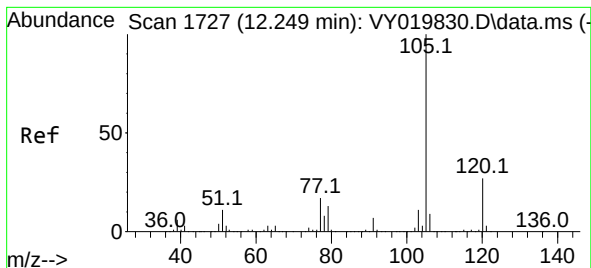
Tgt Ion:173 Resp: 27006
Ion Ratio Lower Upper
173 100
175 47.1 25.1 75.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:152 Resp: 144922
Ion Ratio Lower Upper
152 100
115 62.7 28.2 84.7
150 166.7 0.0 345.6





#73

Isopropylbenzene

Concen: 22.921 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

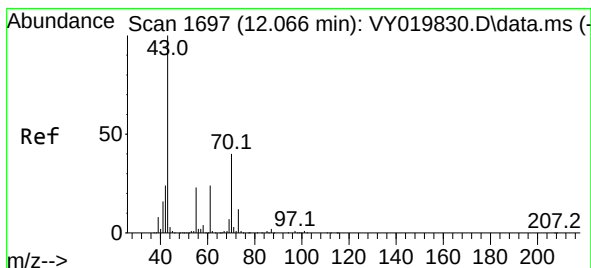
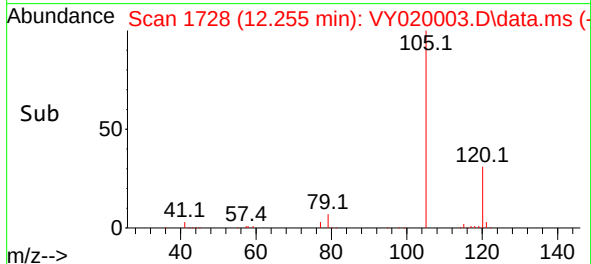
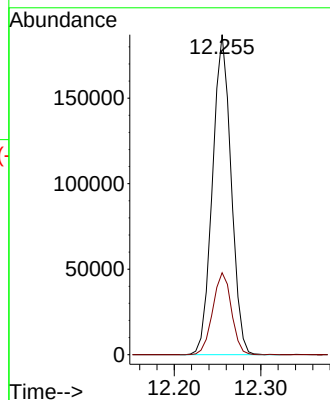
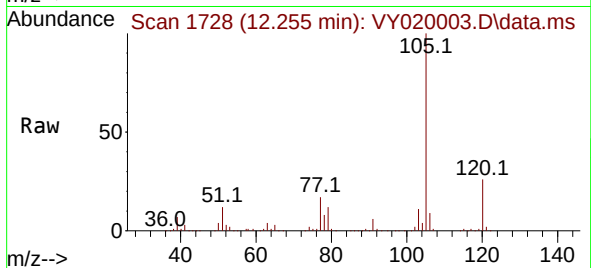
ClientSampleId :

Tgt Ion:105 Resp: 279407

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 20.505 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Tgt Ion: 43 Resp: 66203

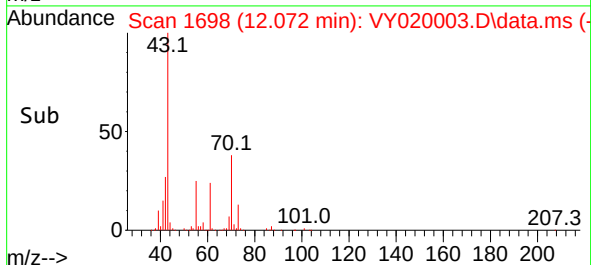
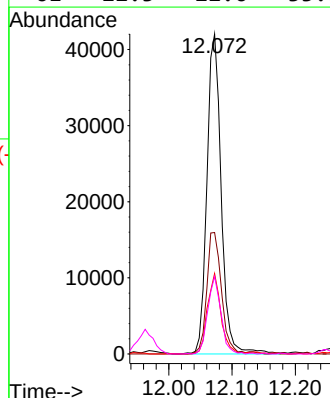
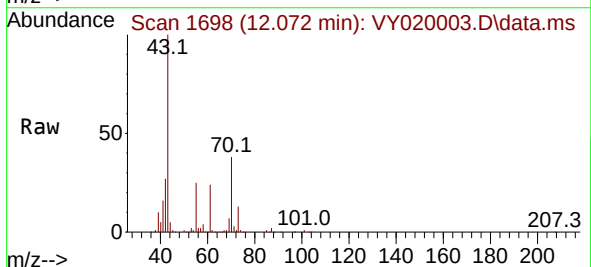
Ion Ratio Lower Upper

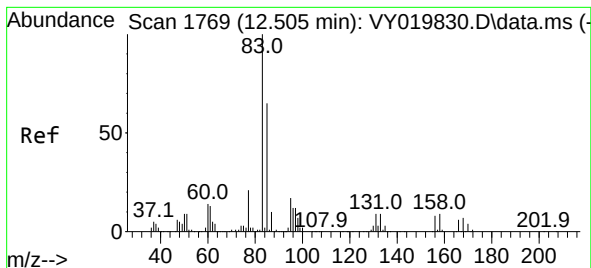
43 100

70 39.0 41.4 62.2#

55 23.8 23.3 34.9

61 22.3 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 23.400 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

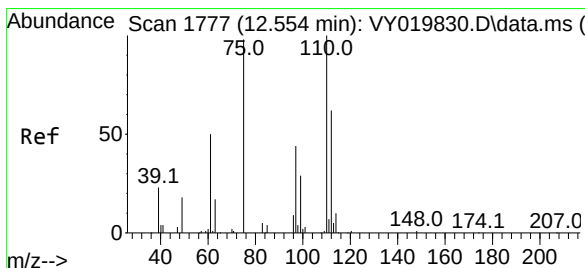
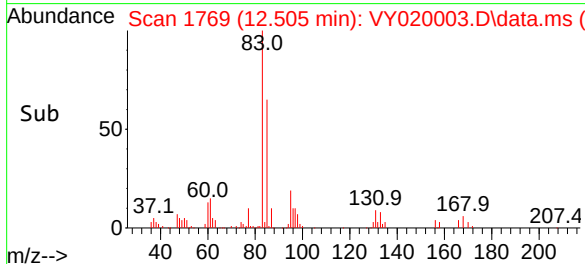
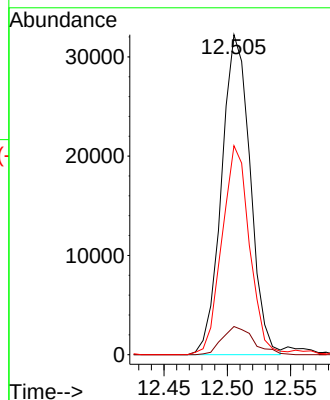
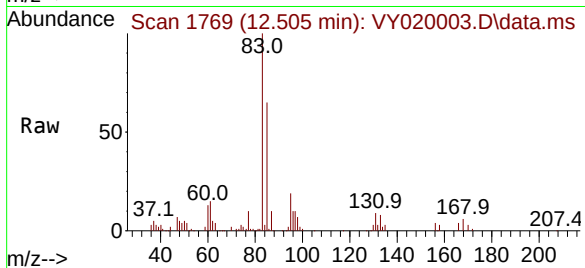
Tgt Ion: 83 Resp: 50684

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 63.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 22.172 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020003.D

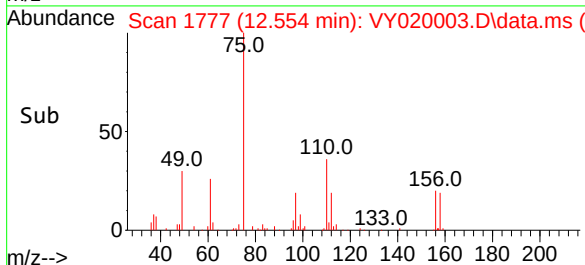
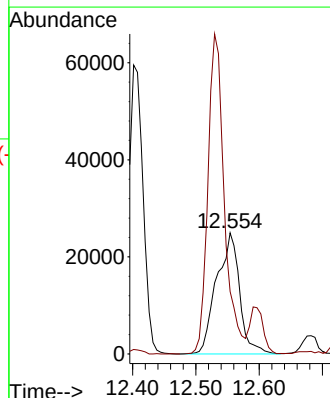
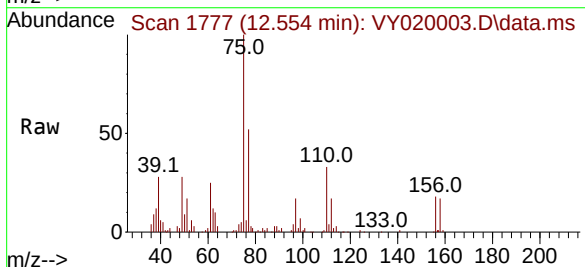
Acq: 24 Oct 2024 11:43

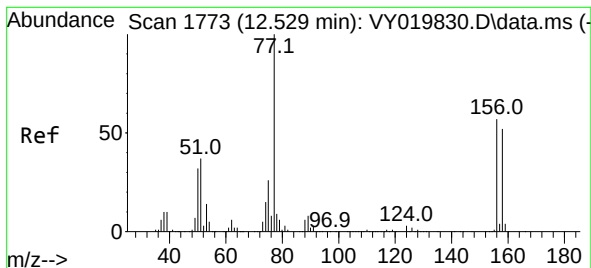
Tgt Ion: 75 Resp: 62947

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.712 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

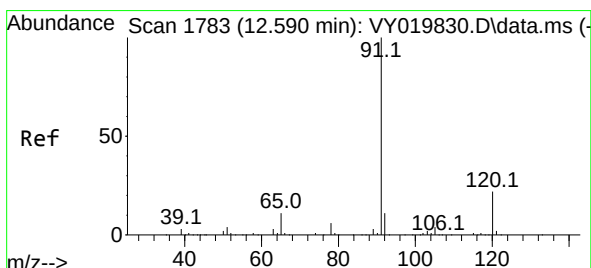
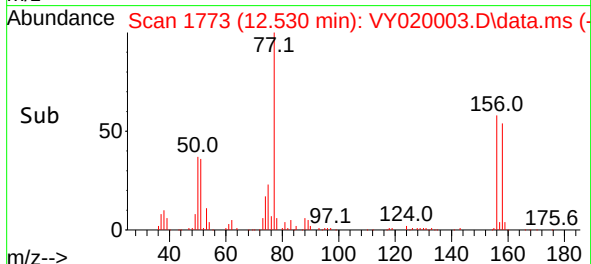
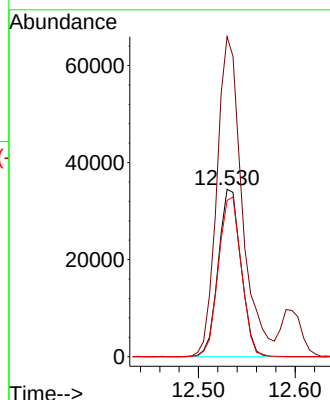
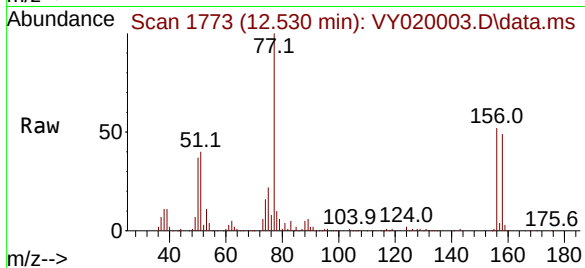
Tgt Ion:156 Resp: 56164

Ion Ratio Lower Upper

156 100

77 212.8 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 23.346 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020003.D

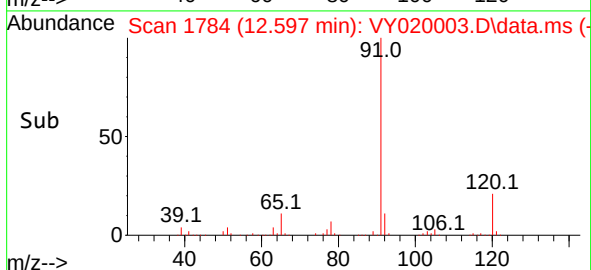
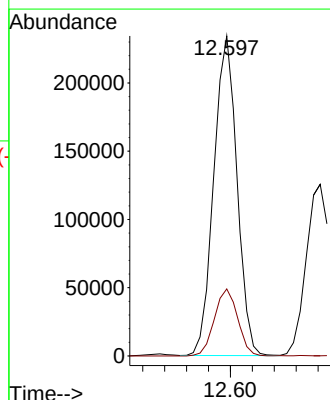
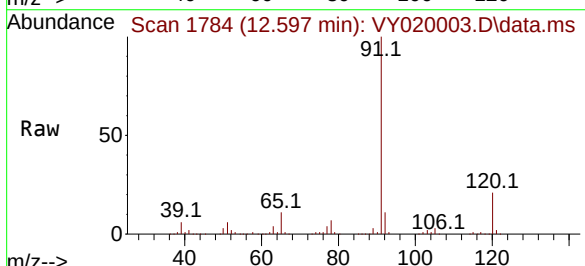
Acq: 24 Oct 2024 11:43

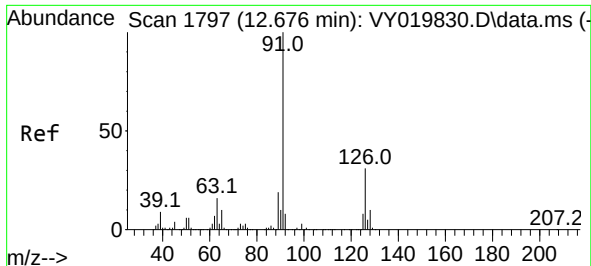
Tgt Ion: 91 Resp: 343867

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

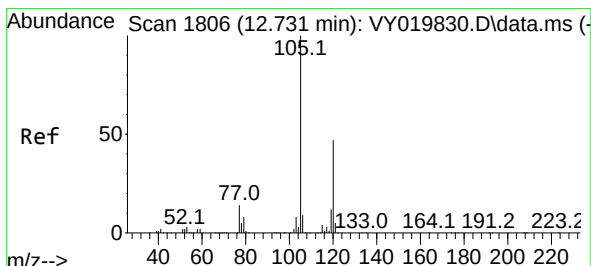
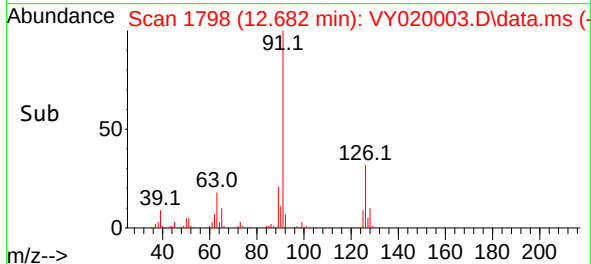
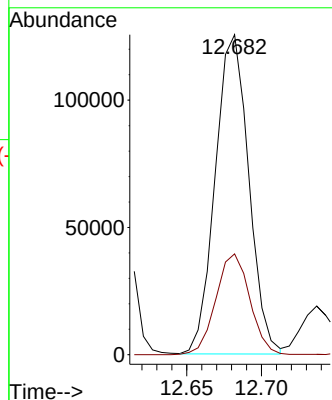
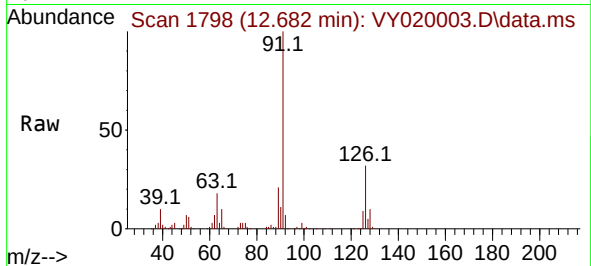




#79
2-Chlorotoluene
Concen: 23.156 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

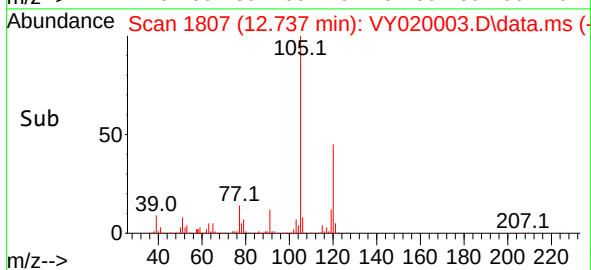
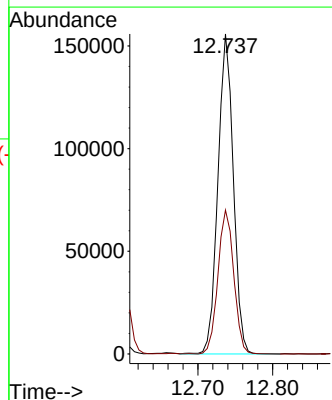
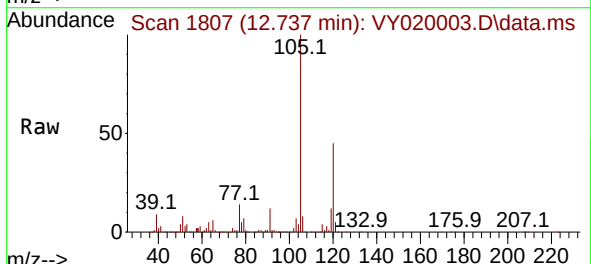
Instrument :
MSVOA_Y
ClientSampleId :

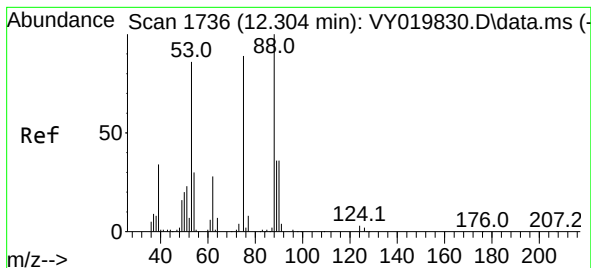
Tgt Ion: 91 Resp: 195534
Ion Ratio Lower Upper
91 100
126 32.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.637 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 105 Resp: 222848
Ion Ratio Lower Upper
105 100
120 46.3 25.1 75.2

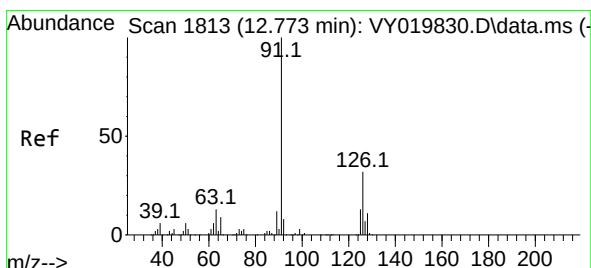
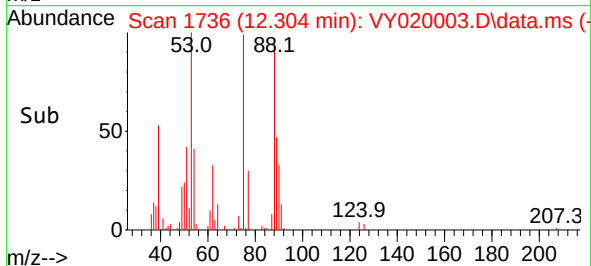
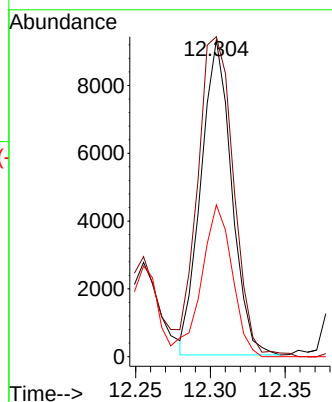
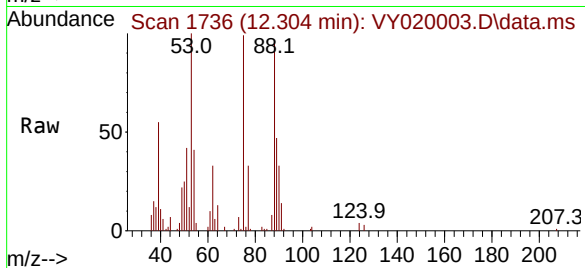




#81
trans-1,4-Dichloro-2-butene
Concen: 18.862 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

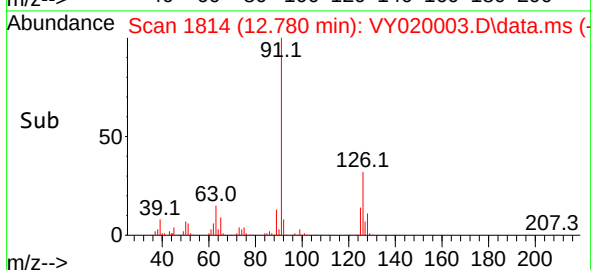
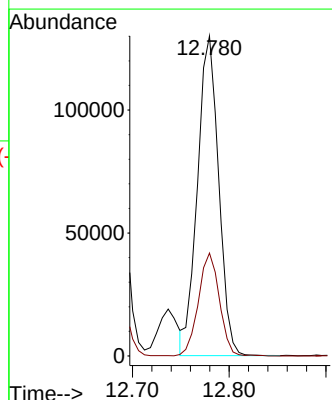
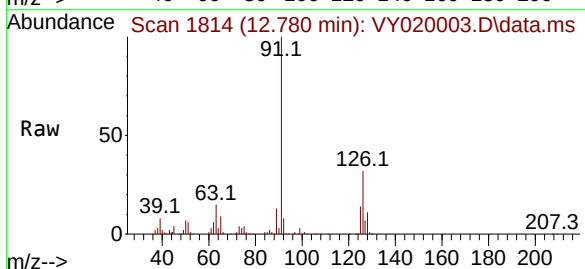
Instrument :
MSVOA_Y
ClientSampleId :

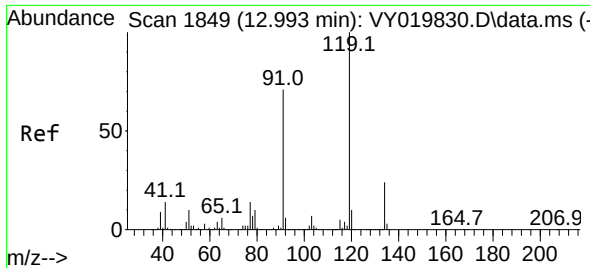
Tgt Ion: 75 Resp: 13267
Ion Ratio Lower Upper
75 100
53 117.6 66.8 100.2#
89 48.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.928 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion: 91 Resp: 197968
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9

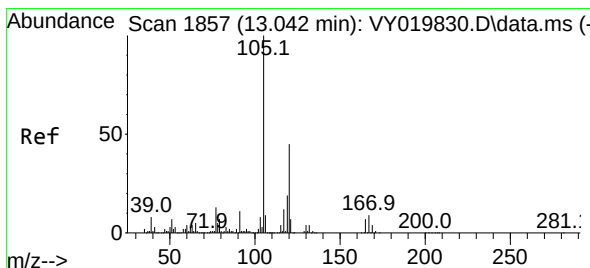
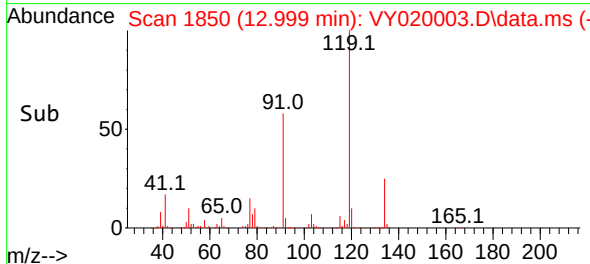
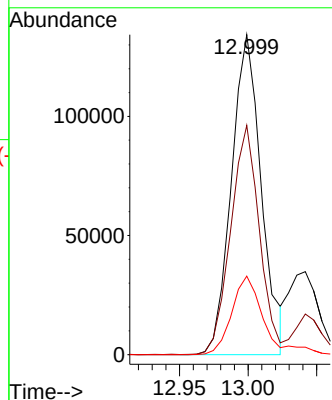
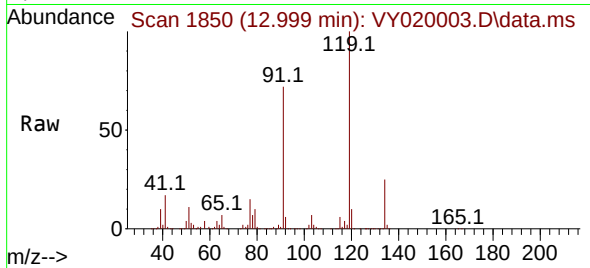




#83
tert-Butylbenzene
Concen: 23.111 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

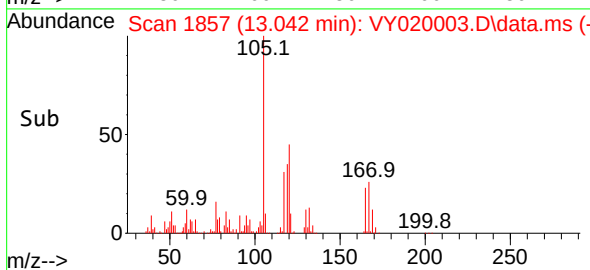
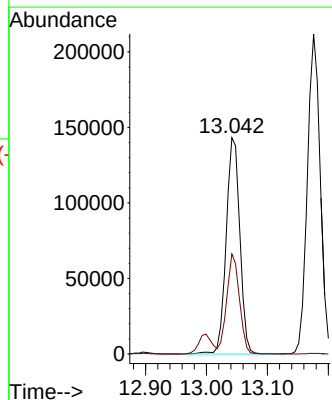
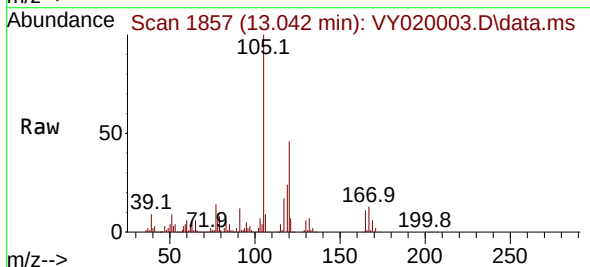
Instrument :
MSVOA_Y
ClientSampleId :

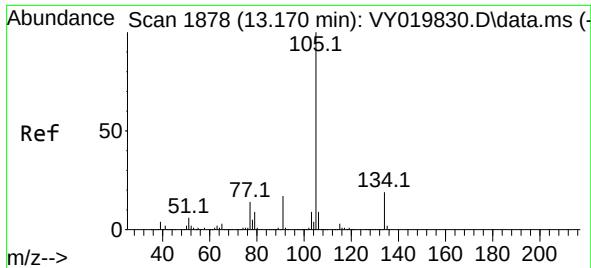
Tgt Ion:119 Resp: 203816
Ion Ratio Lower Upper
119 100
91 68.9 31.3 93.8
134 26.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 22.807 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

Tgt Ion:105 Resp: 222603
Ion Ratio Lower Upper
105 100
120 43.0 23.2 69.6

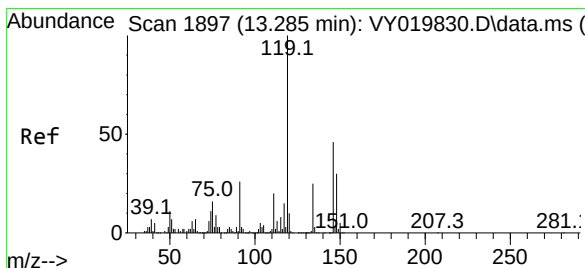
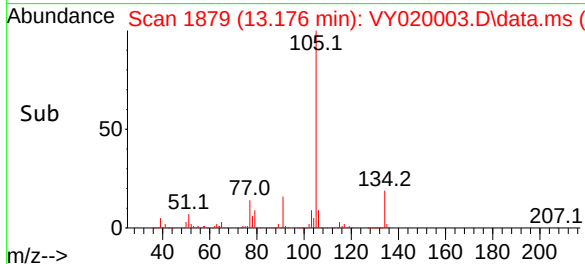
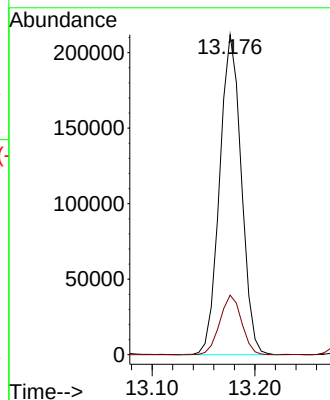
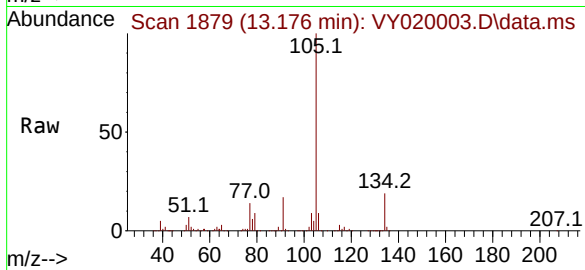




#85
 sec-Butylbenzene
 Concen: 23.551 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

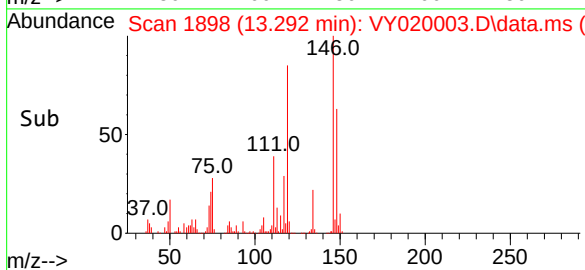
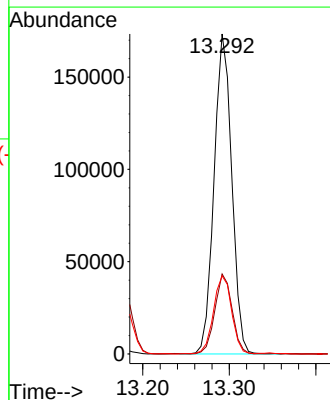
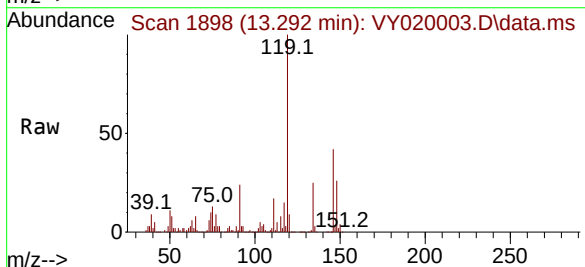
Instrument :
 MSVOA_Y
 ClientSampleId :

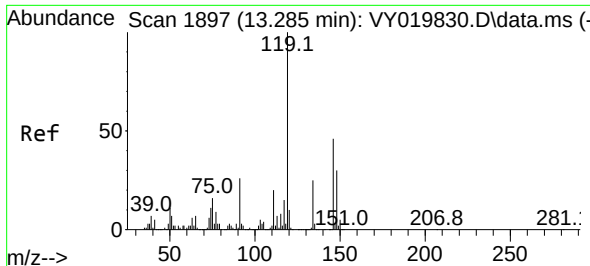
Tgt Ion:105 Resp: 310322
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.956 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY020003.D
 Acq: 24 Oct 2024 11:43

Tgt Ion:119 Resp: 245620
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.1 39.3
 91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.321 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

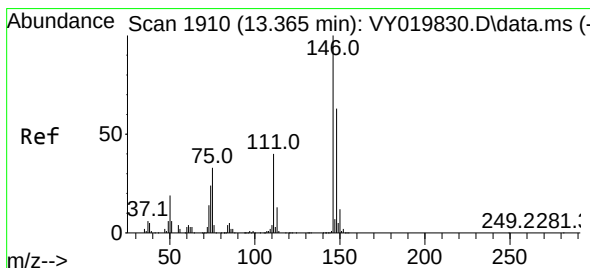
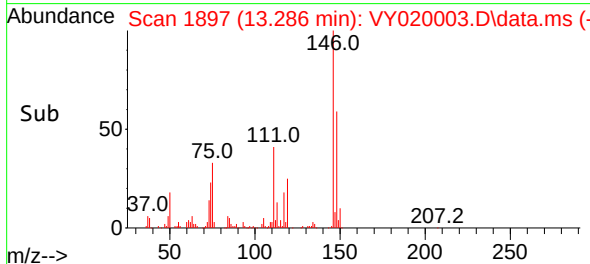
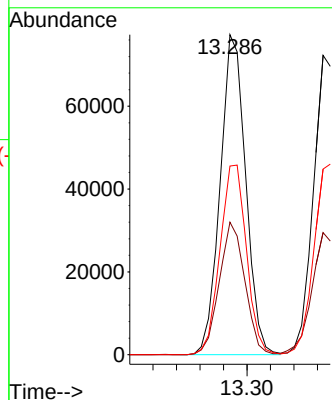
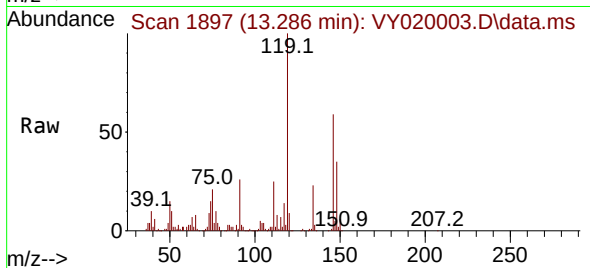
Tgt Ion:146 Resp: 116601

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 61.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.825 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

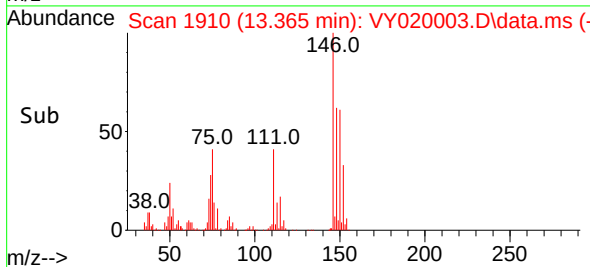
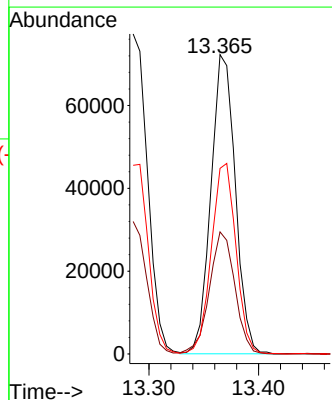
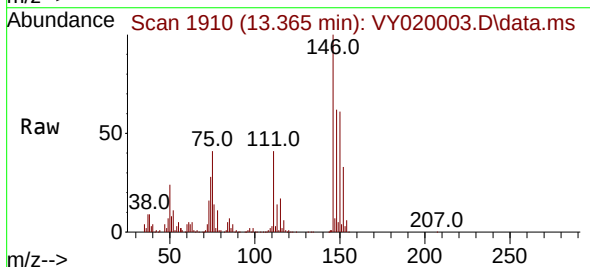
Tgt Ion:146 Resp: 112002

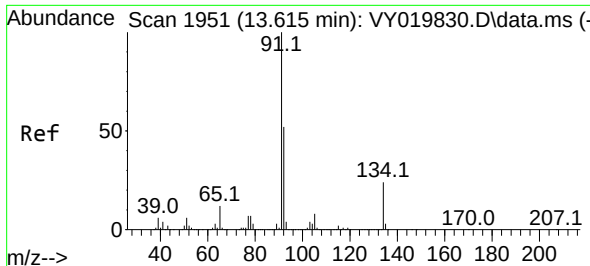
Ion Ratio Lower Upper

146 100

111 42.5 18.4 55.4

148 64.4 32.4 97.2

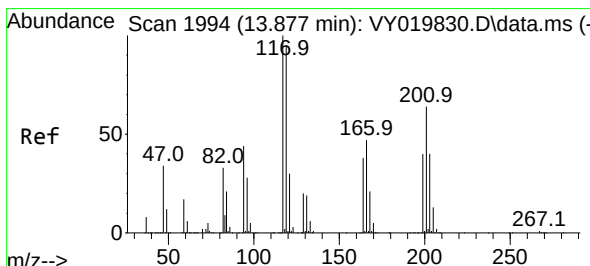
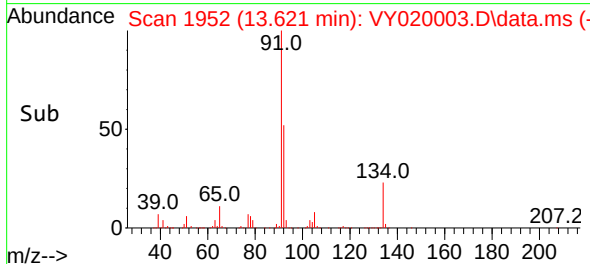
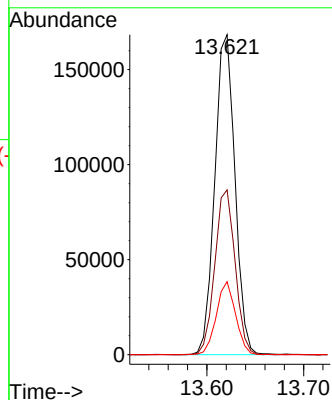
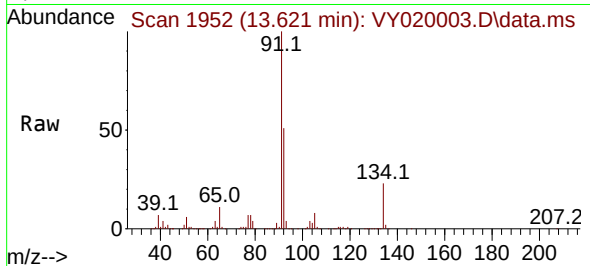




#89
n-Butylbenzene
Concen: 23.344 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

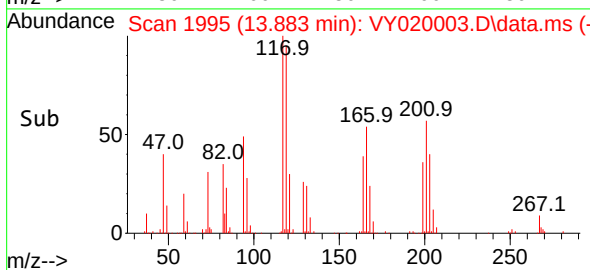
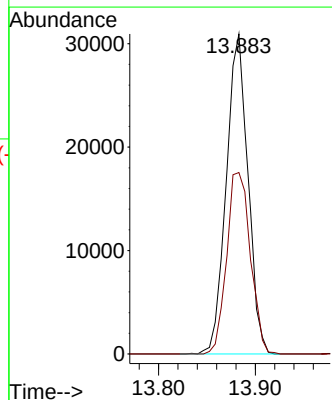
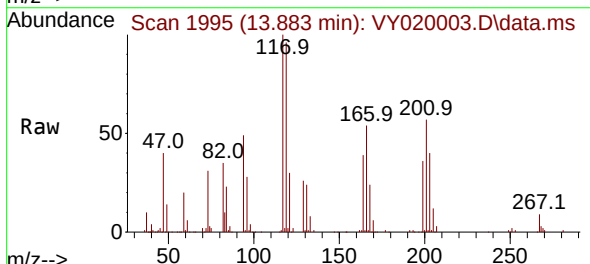
Instrument :
MSVOA_Y
ClientSampleId :

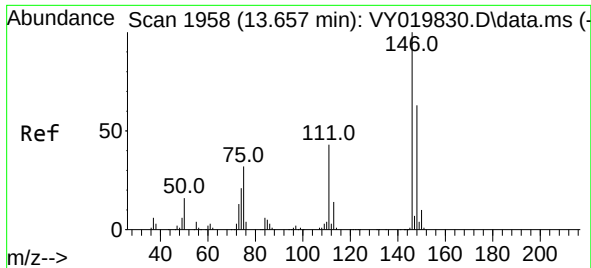
Tgt Ion: 91 Resp: 243887
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 21.8 12.9 38.7



#90
Hexachloroethane
Concen: 23.128 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

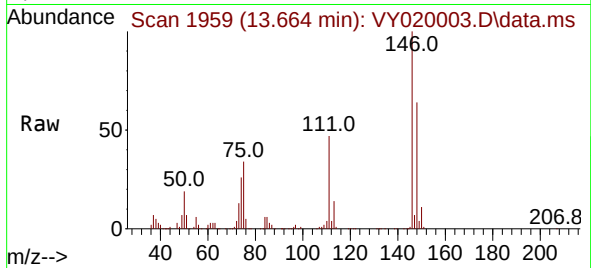
Tgt Ion: 117 Resp: 48185
Ion Ratio Lower Upper
117 100
201 62.1 37.4 112.2



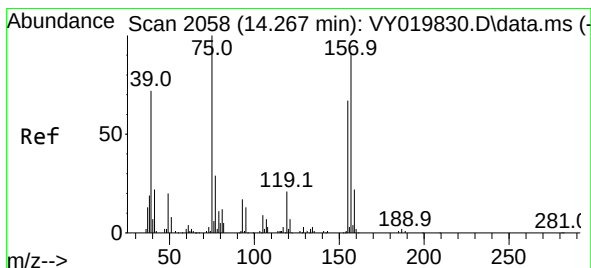
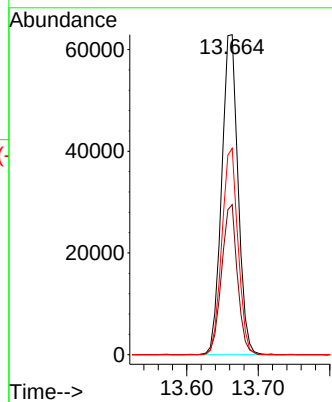
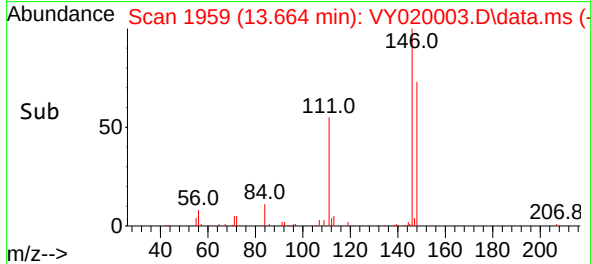


#91
1,2-Dichlorobenzene
Concen: 21.750 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43

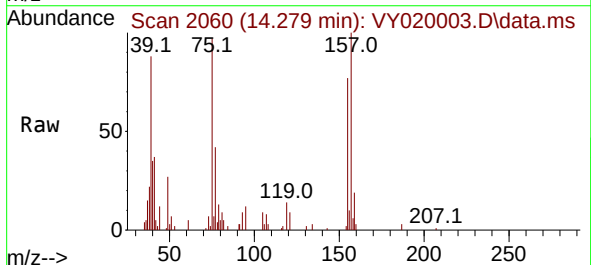
Instrument :
MSVOA_Y
ClientSampleId :



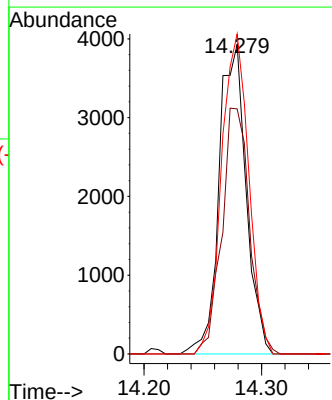
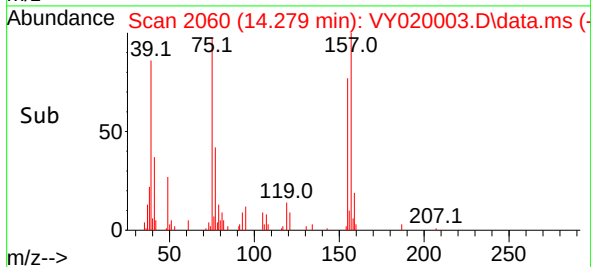
Tgt Ion:146 Resp: 99833
Ion Ratio Lower Upper
146 100
111 45.5 19.9 59.7
148 63.7 31.8 95.4

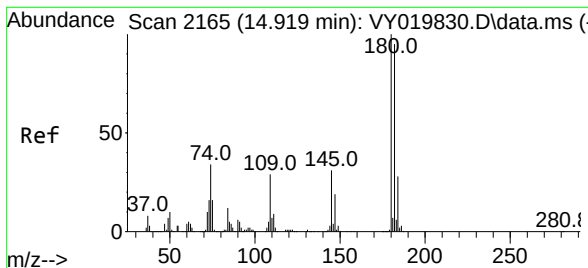


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.130 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020003.D
Acq: 24 Oct 2024 11:43



Tgt Ion: 75 Resp: 6267
Ion Ratio Lower Upper
75 100
155 81.4 48.6 145.8
157 104.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.307 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

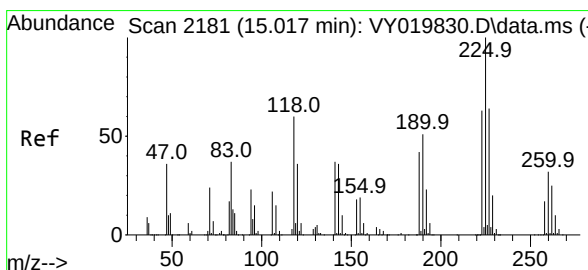
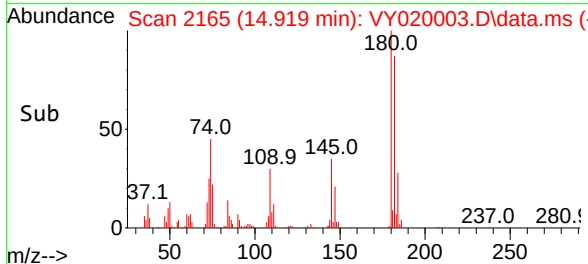
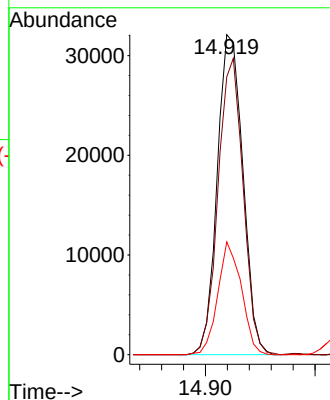
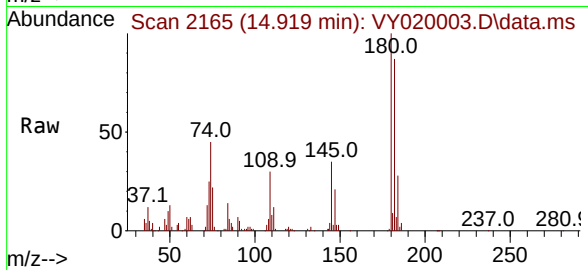
Tgt Ion:180 Resp: 52264

Ion Ratio Lower Upper

180 100

182 90.3 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.256 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

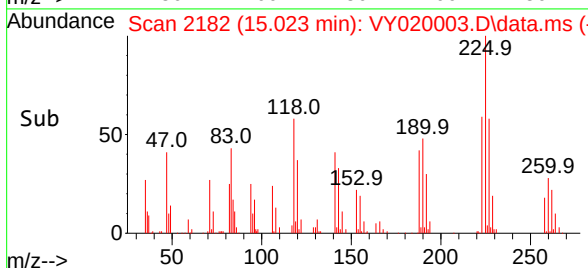
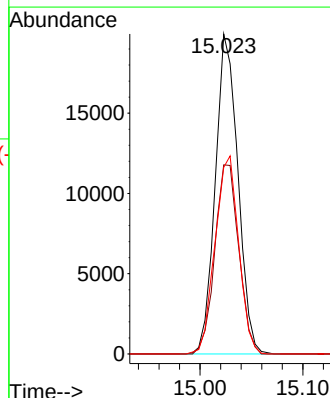
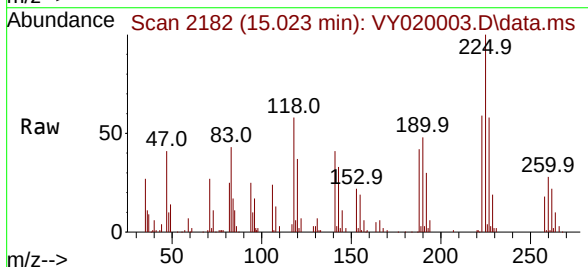
Tgt Ion:225 Resp: 30415

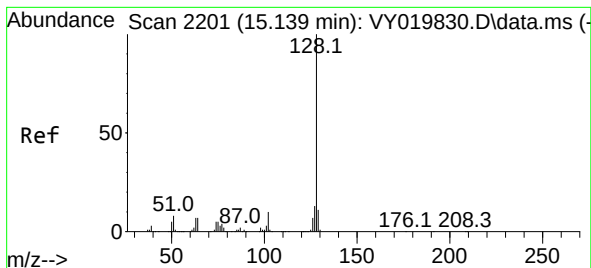
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 18.255 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Instrument :

MSVOA_Y

ClientSampleId :

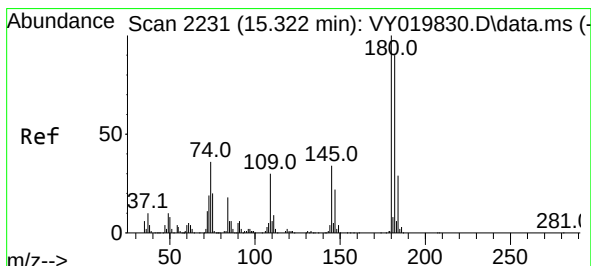
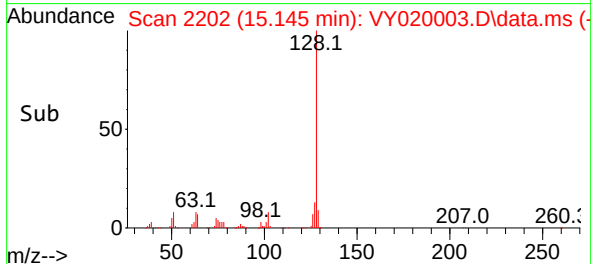
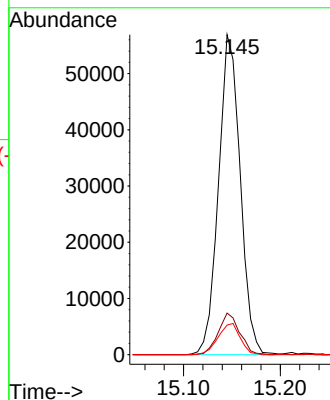
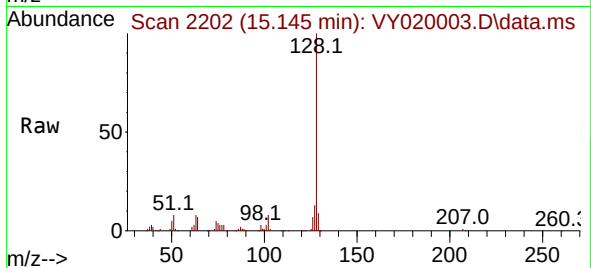
Tgt Ion:128 Resp: 88614

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 9.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.970 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020003.D

Acq: 24 Oct 2024 11:43

Tgt Ion:180 Resp: 43447

Ion Ratio Lower Upper

180 100

182 91.6 47.6 142.9

145 35.1 15.4 46.1

