

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019860.D
 Acq On : 10 Oct 2024 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 01:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	325525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	563460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	489527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	233888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	219500	54.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.634	113	207958	55.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.860%	
50) Toluene-d8	10.103	98	765707	55.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.401	95	269937	54.408	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.820%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.866	85	150210	49.568	ug/l 95
3) Chloromethane	2.068	50	211437	53.608	ug/l 97
4) Vinyl Chloride	2.208	62	230091	53.014	ug/l 100
5) Bromomethane	2.598	94	146158	53.203	ug/l 94
6) Chloroethane	2.738	64	151408	51.928	ug/l 96
7) Trichlorofluoromethane	3.061	101	332802	51.532	ug/l 97
8) Diethyl Ether	3.458	74	101598	51.762	ug/l 99
9) 1,1,2-Trichlorotrifluo...	3.823	101	195345	52.002	ug/l 99
10) Methyl Iodide	4.006	142	200738	52.836	ug/l 100
11) Tert butyl alcohol	4.872	59	72057	219.778	ug/l 99
12) 1,1-Dichloroethene	3.793	96	181600	52.001	ug/l 97
13) Acrolein	3.659	56	71956	244.316	ug/l 98
14) Allyl chloride	4.390	41	333709	52.961	ug/l 99
15) Acrylonitrile	5.061	53	237712	264.783	ug/l 100
16) Acetone	3.872	43	245578	235.365	ug/l 98
17) Carbon Disulfide	4.110	76	505856	54.042	ug/l 99
18) Methyl Acetate	4.396	43	121912	54.240	ug/l 99
19) Methyl tert-butyl Ether	5.122	73	516930	51.523	ug/l 97
20) Methylene Chloride	4.622	84	209780	49.818	ug/l 99
21) trans-1,2-Dichloroethene	5.122	96	203081	53.430	ug/l 97
22) Diisopropyl ether	6.024	45	734817	53.539	ug/l 99
23) Vinyl Acetate	5.963	43	1717356m	218.266	ug/l
24) 1,1-Dichloroethane	5.921	63	403978	52.951	ug/l 99
25) 2-Butanone	6.902	43	346097	247.812	ug/l 97
26) 2,2-Dichloropropane	6.890	77	338353	49.798	ug/l 99
27) cis-1,2-Dichloroethene	6.890	96	245588	52.285	ug/l 100
28) Bromochloromethane	7.244	49	174421	51.941	ug/l 98
29) Tetrahydrofuran	7.268	42	207301	259.960	ug/l 98
30) Chloroform	7.426	83	412765	53.074	ug/l 98
31) Cyclohexane	7.701	56	339201	50.648	ug/l 96
32) 1,1,1-Trichloroethane	7.622	97	359463	52.740	ug/l 99
36) 1,1-Dichloropropene	7.841	75	287417	53.655	ug/l 100
37) Ethyl Acetate	6.987	43	146397	52.411	ug/l 99
38) Carbon Tetrachloride	7.823	117	305485	53.196	ug/l 99
39) Methylcyclohexane	9.109	83	352336	52.202	ug/l 95
40) Benzene	8.079	78	867205	53.493	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	81169	53.692	ug/l	94
42) 1,2-Dichloroethane	8.158	62	247844	53.214	ug/l	100
43) Isopropyl Acetate	8.201	43	292055	51.269	ug/l	99
44) Trichloroethene	8.865	130	207896	52.947	ug/l	98
45) 1,2-Dichloropropane	9.140	63	214188	52.785	ug/l	98
46) Dibromomethane	9.231	93	116534	52.565	ug/l	99
47) Bromodichloromethane	9.426	83	312304	53.072	ug/l	99
48) Methyl methacrylate	9.219	41	138478	55.264	ug/l	96
49) 1,4-Dioxane	9.231	88	25100	1011.572	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	760965	261.898	ug/l	99
52) Toluene	10.170	92	545477	53.904	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	278212	52.546	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	328945	52.653	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	152472	52.201	ug/l	96
56) Ethyl methacrylate	10.438	69	228636	54.552	ug/l	99
57) 1,3-Dichloropropane	10.719	76	269759	52.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	505566	259.117	ug/l	98
59) 2-Hexanone	10.761	43	539929	260.175	ug/l	100
60) Dibromochloromethane	10.908	129	196517	52.419	ug/l	98
61) 1,2-Dibromoethane	11.011	107	139446	52.832	ug/l	99
64) Tetrachloroethene	10.645	164	178355	51.223	ug/l	95
65) Chlorobenzene	11.438	112	582032	51.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	197013	52.007	ug/l	99
67) Ethyl Benzene	11.517	91	1065184	52.371	ug/l	99
68) m/p-Xylenes	11.627	106	784231	104.401	ug/l	100
69) o-Xylene	11.950	106	373646	51.771	ug/l	98
70) Styrene	11.968	104	638311	52.421	ug/l	100
71) Bromoform	12.127	173	101847	50.222	ug/l	97
73) Isopropylbenzene	12.255	105	1006082	51.140	ug/l	100
74) N-amyl acetate	12.066	43	266641	51.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	182339	52.161	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	120824m	49.611	ug/l	
77) Bromobenzene	12.529	156	210950	50.530	ug/l	99
78) n-propylbenzene	12.590	91	1210580	50.926	ug/l	99
79) 2-Chlorotoluene	12.676	91	695041	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	798891	50.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	56382	49.670	ug/l	99
82) 4-Chlorotoluene	12.773	91	705590	50.636	ug/l	100
83) tert-Butylbenzene	12.993	119	714073	50.170	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	794241	50.422	ug/l	100
85) sec-Butylbenzene	13.175	105	1075276	50.565	ug/l	98
86) p-Isopropyltoluene	13.291	119	859677	49.785	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	418132	49.597	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	408375	49.307	ug/l	100
89) n-Butylbenzene	13.614	91	838532	49.731	ug/l	100
90) Hexachloroethane	13.877	117	166674	49.570	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	367306	49.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26726	47.906	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	193796	46.656	ug/l	99
94) Hexachlorobutadiene	15.023	225	107974	46.756	ug/l	98
95) Naphthalene	15.138	128	387497	49.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	163647	46.606	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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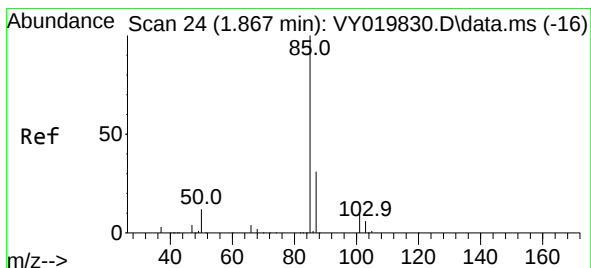
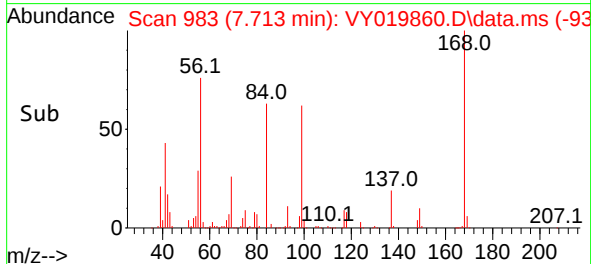
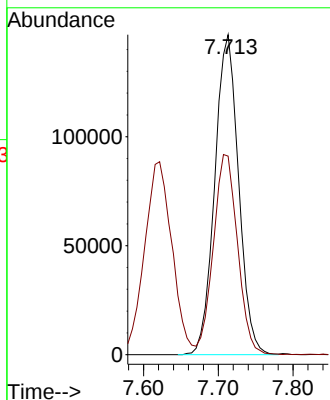
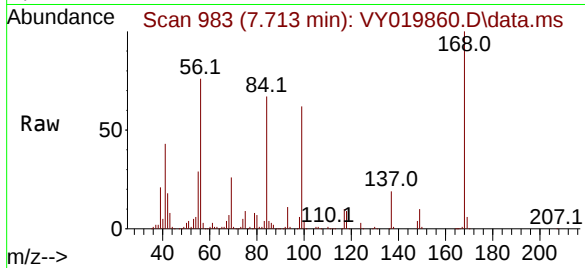
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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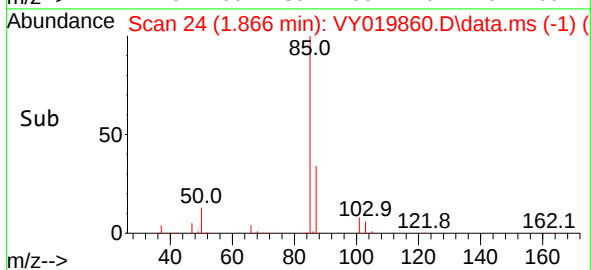
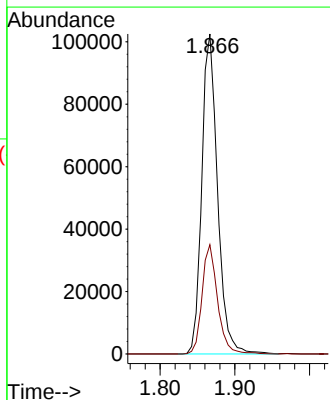
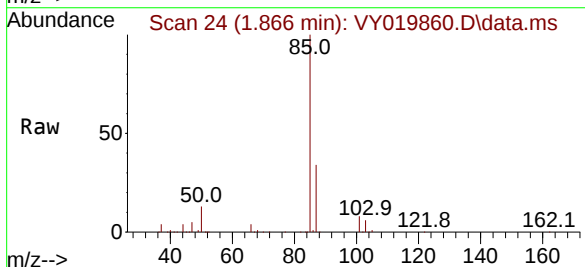
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 325525
Ion Ratio Lower Upper
168 100
99 61.9 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 49.568 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 85 Resp: 150210
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.1

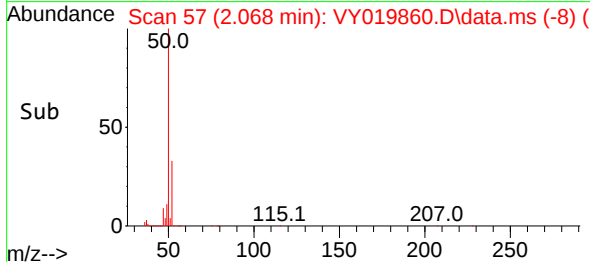
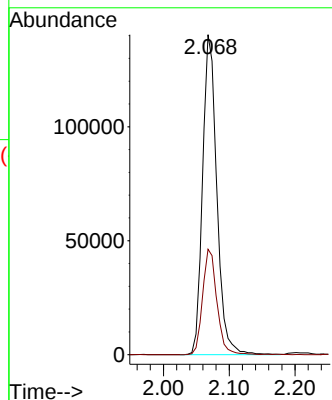
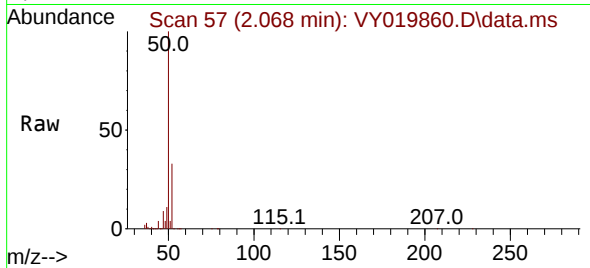




#3
Chloromethane
Concen: 53.608 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

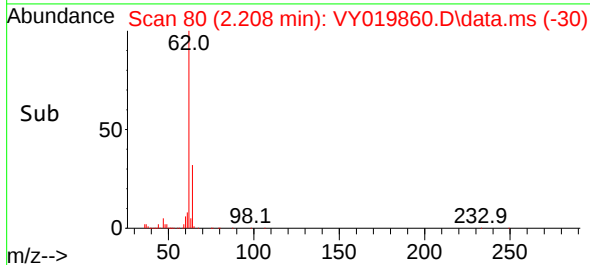
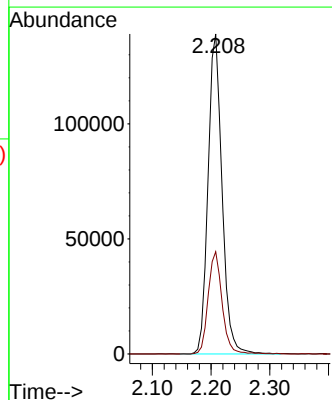
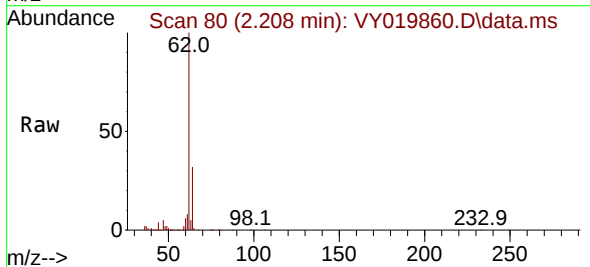
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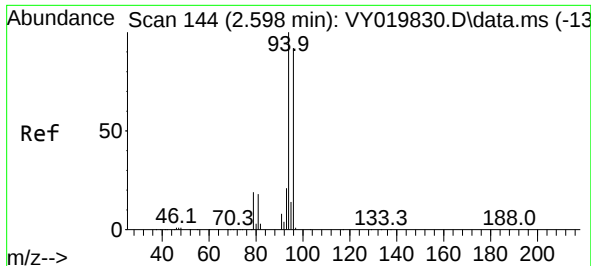
Tgt Ion: 50 Resp: 211437
Ion Ratio Lower Upper
50 100
52 33.0 25.1 37.7



#4
Vinyl Chloride
Concen: 53.014 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 62 Resp: 230091
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4

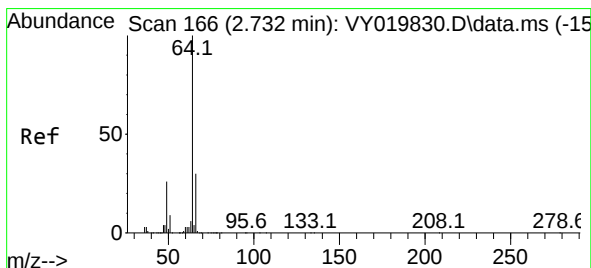
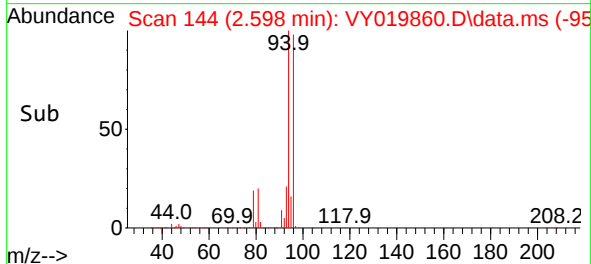
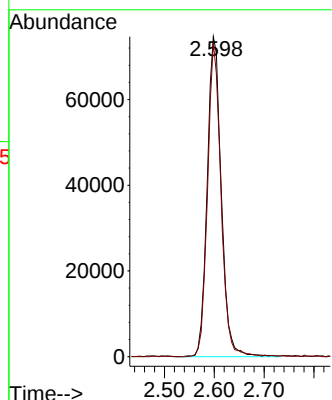
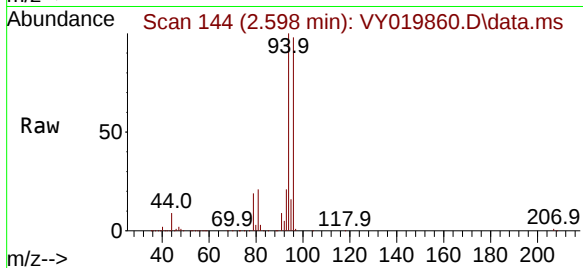




#5
Bromomethane
Concen: 53.203 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

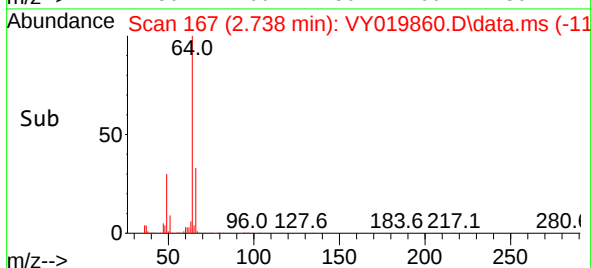
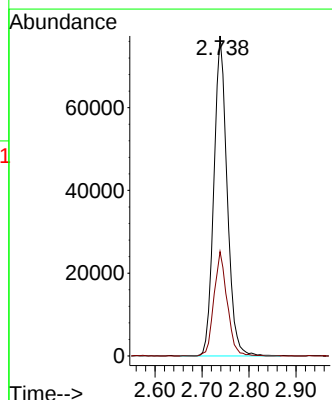
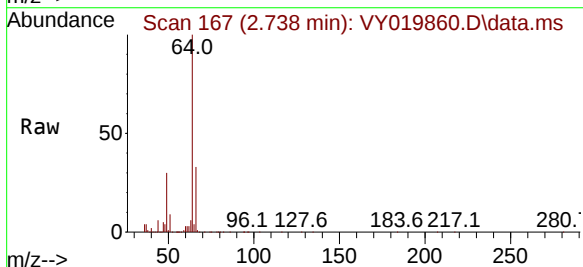
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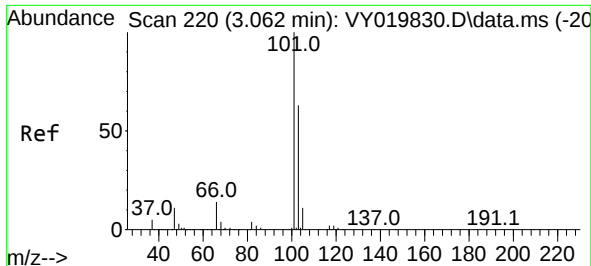
Tgt Ion: 94 Resp: 146158
Ion Ratio Lower Upper
94 100
96 98.1 73.6 110.4



#6
Chloroethane
Concen: 51.928 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 64 Resp: 151408
Ion Ratio Lower Upper
64 100
66 32.6 24.2 36.2

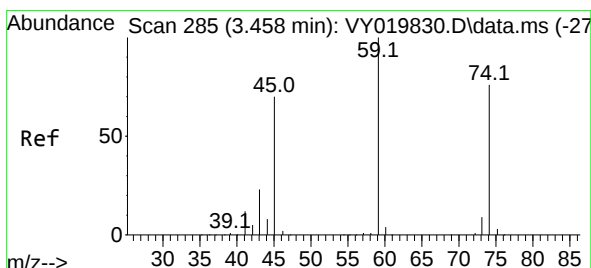
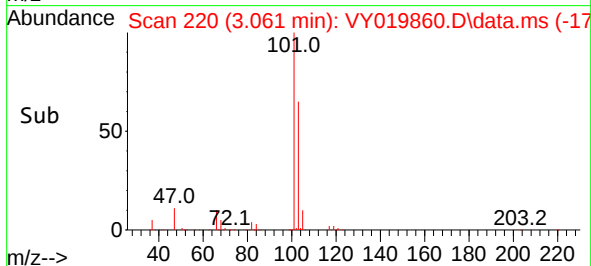
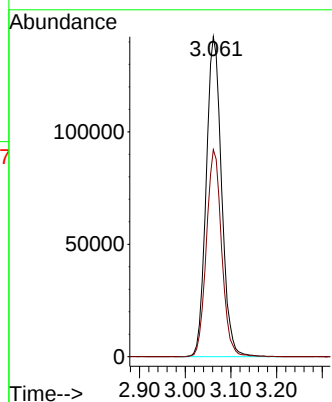
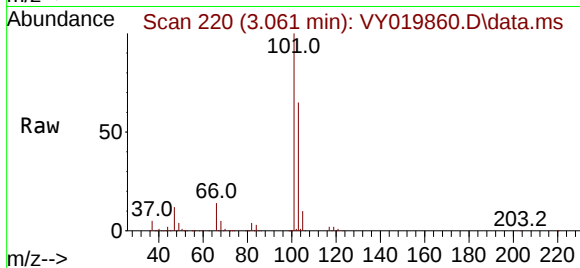




#7
Trichlorofluoromethane
Concen: 51.532 ug/l
RT: 3.061 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY019860.D
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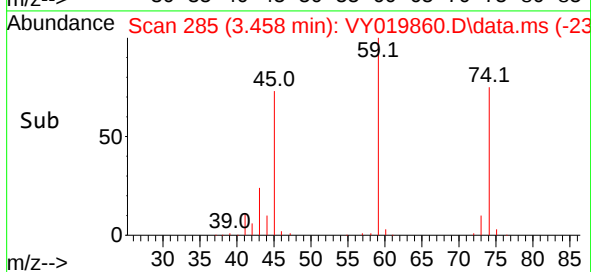
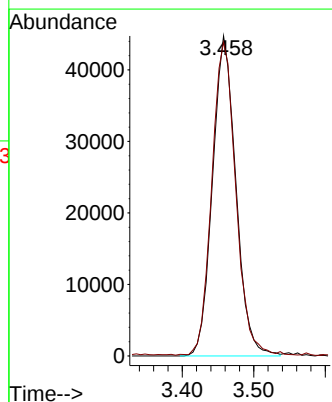
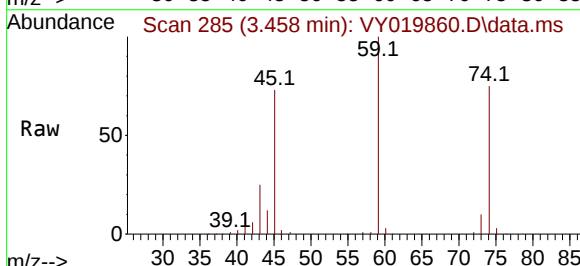
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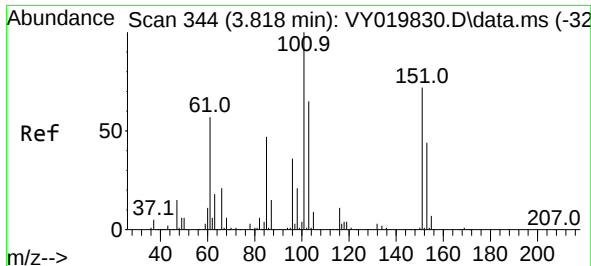
Tgt Ion:101 Resp: 332802
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1



#8
Diethyl Ether
Concen: 51.762 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 74 Resp: 101598
Ion Ratio Lower Upper
74 100
45 100.4 49.9 149.6

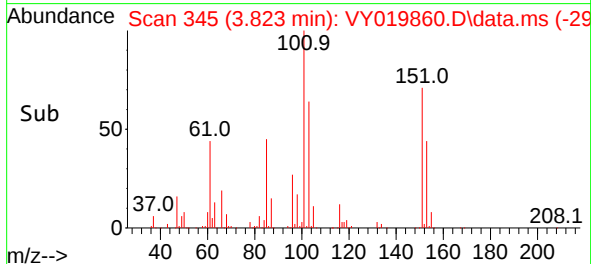
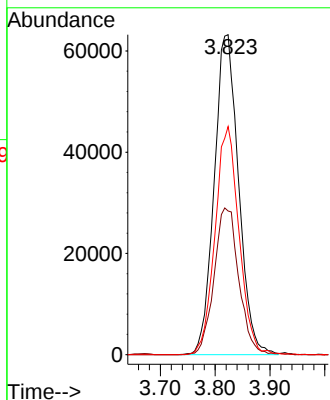
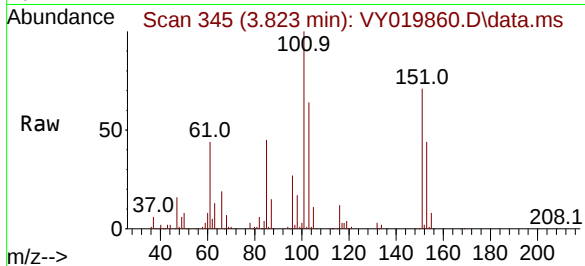




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.002 ug/l
RT: 3.823 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019860.D
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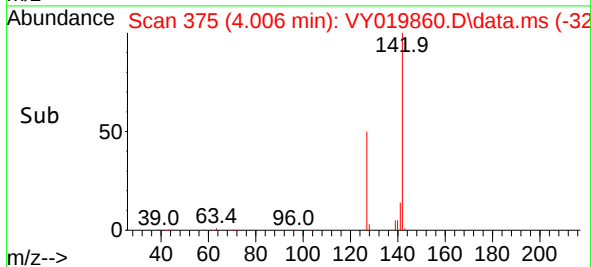
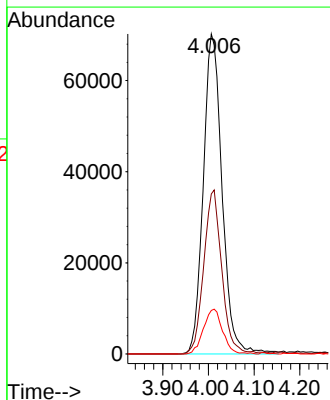
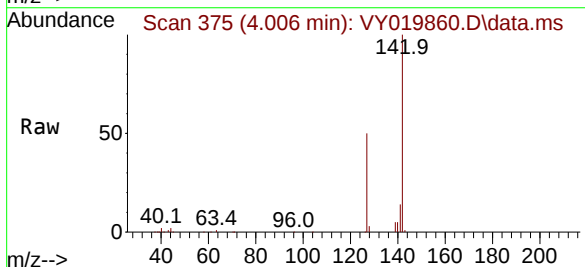
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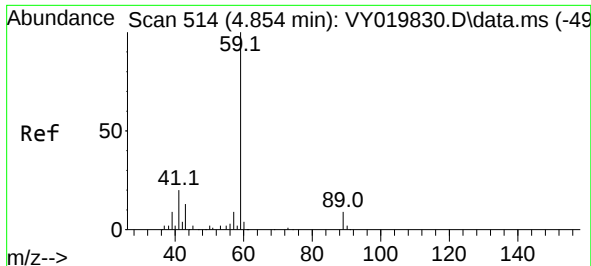
Tgt Ion:101 Resp: 195345
Ion Ratio Lower Upper
101 100
85 46.7 37.9 56.9
151 70.2 57.0 85.6



#10
Methyl Iodide
Concen: 52.836 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion:142 Resp: 200738
Ion Ratio Lower Upper
142 100
127 49.1 39.4 59.2
141 14.3 11.7 17.5

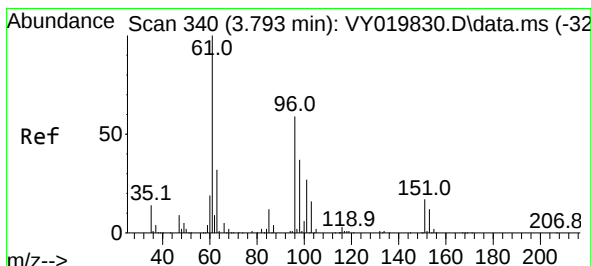
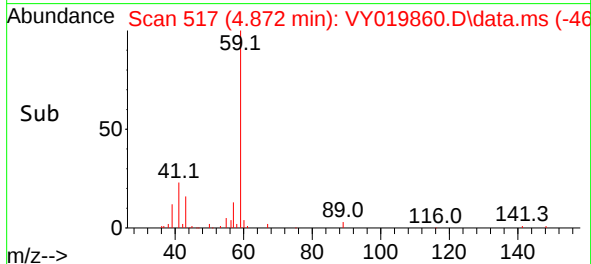
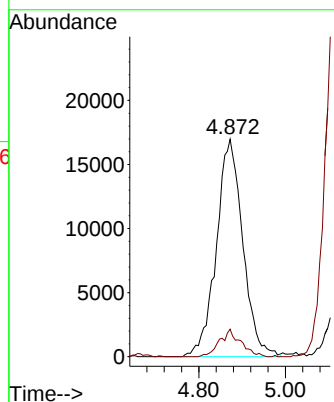
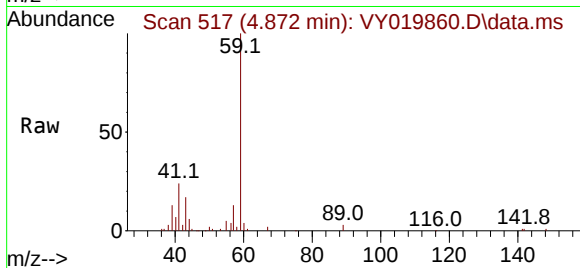




#11
Tert butyl alcohol
Concen: 219.778 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

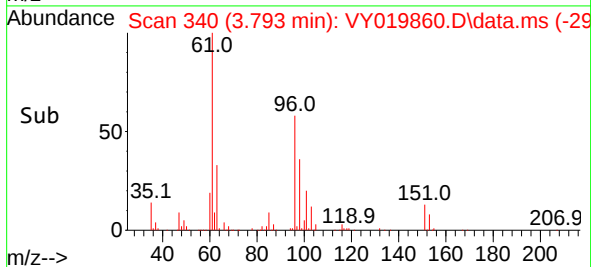
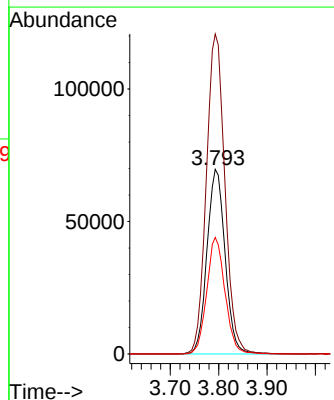
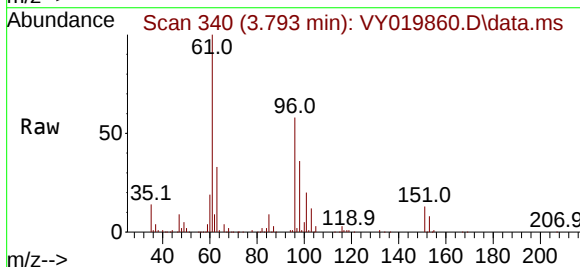
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

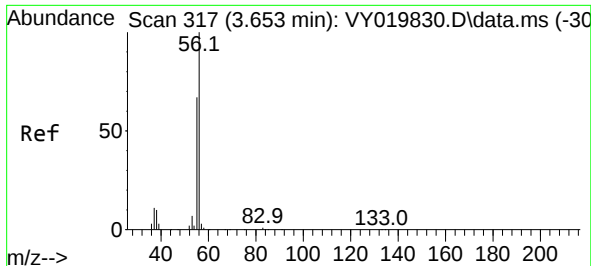
Tgt Ion: 59 Resp: 72057
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 52.001 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 96 Resp: 181600
Ion Ratio Lower Upper
96 100
61 173.3 134.9 202.3
98 63.1 50.2 75.4

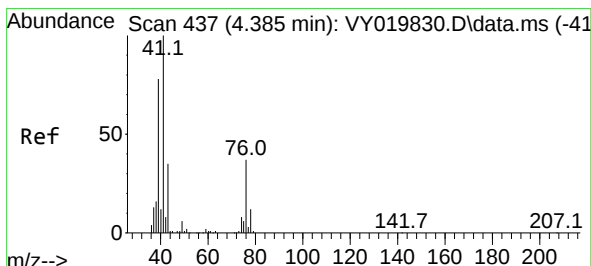
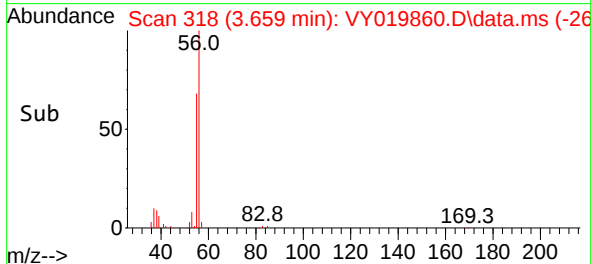
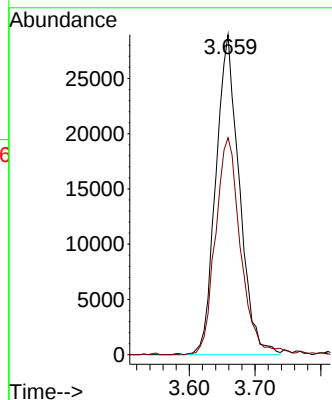
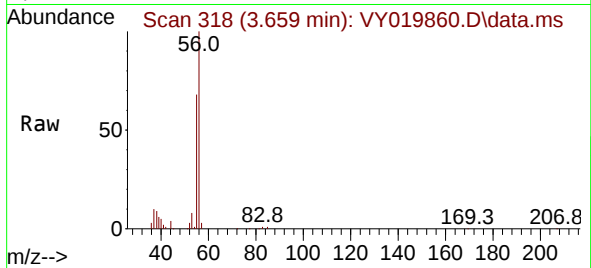




#13
Acrolein
Concen: 244.316 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

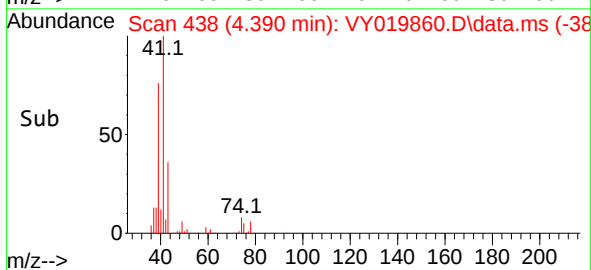
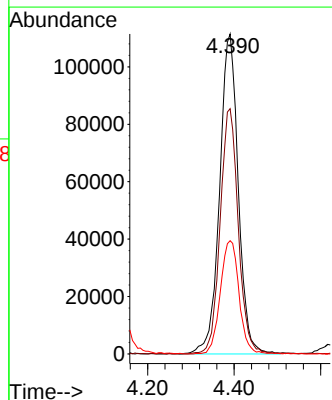
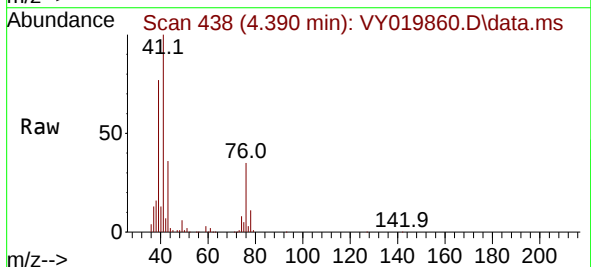
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 71956
Ion Ratio Lower Upper
56 100
55 72.7 56.9 85.3



#14
Allyl chloride
Concen: 52.961 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 41 Resp: 333709
Ion Ratio Lower Upper
41 100
39 74.6 59.1 88.7
76 35.4 28.6 42.8

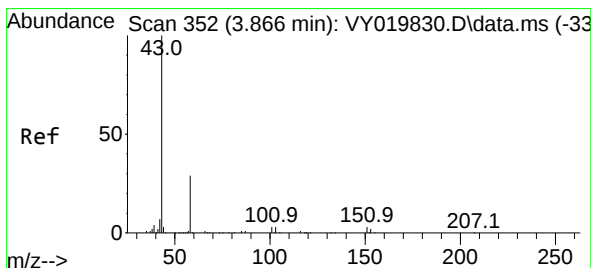
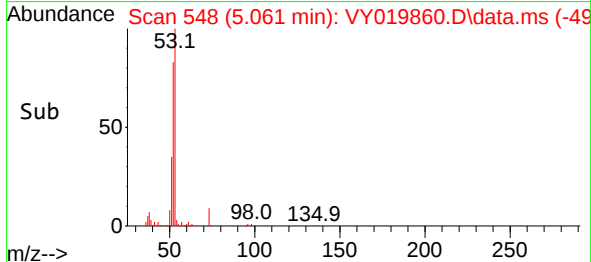
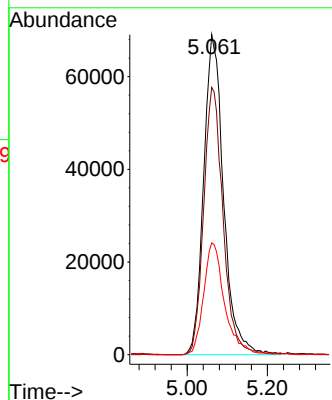
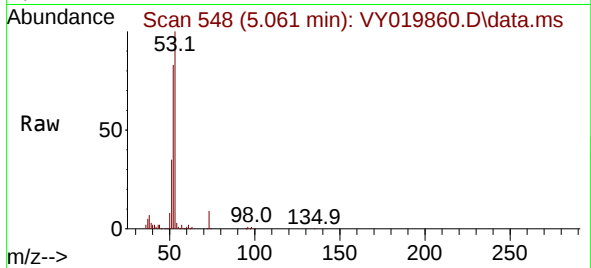




#15
Acrylonitrile
Concen: 264.783 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

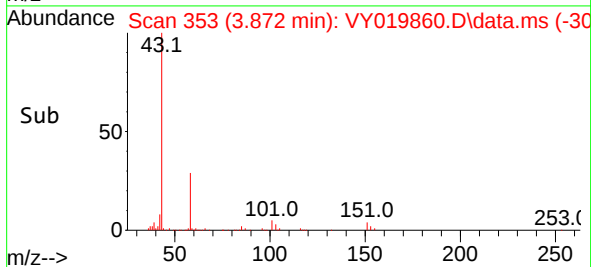
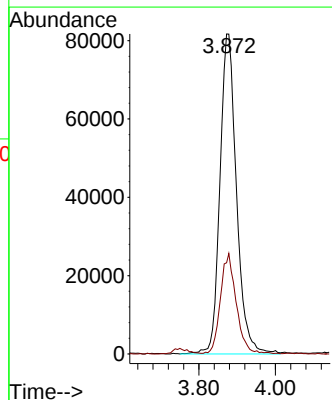
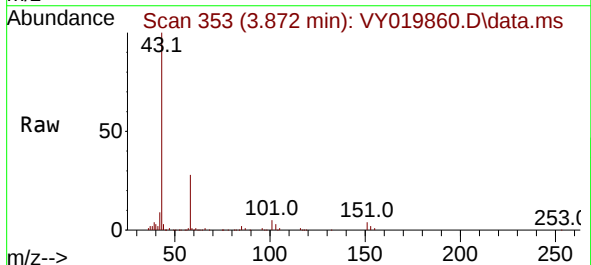
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

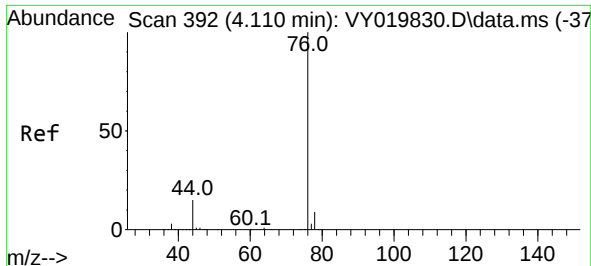
Tgt Ion: 53 Resp: 237712
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.6
51 36.9 29.9 44.9



#16
Acetone
Concen: 235.365 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 43 Resp: 245578
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.6

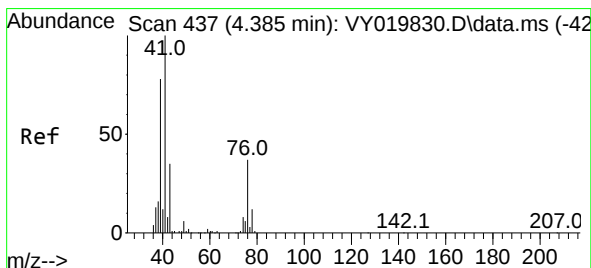
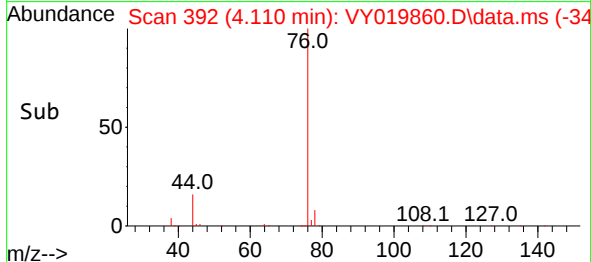
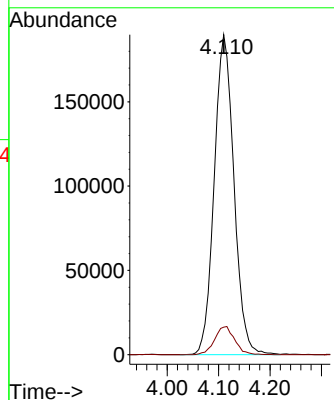
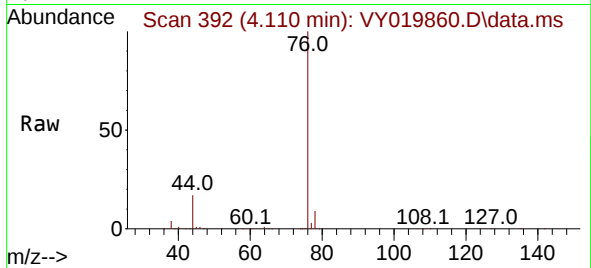




#17
Carbon Disulfide
Concen: 54.042 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

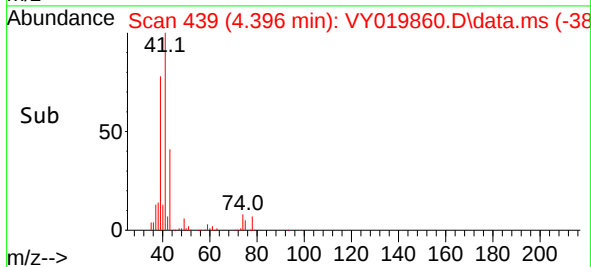
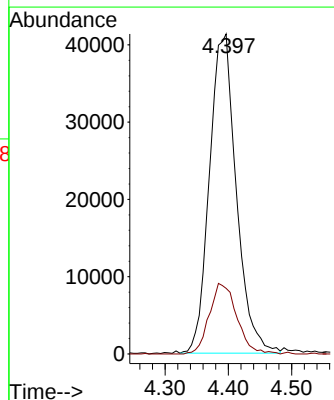
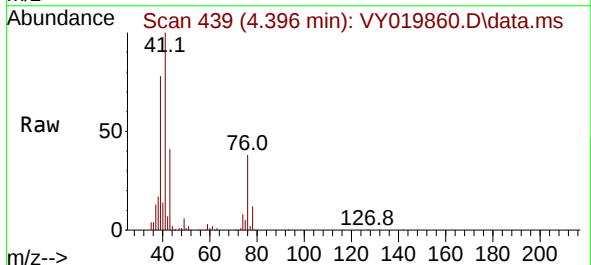
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 505856
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 54.240 ug/l
RT: 4.396 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 43 Resp: 121912
Ion Ratio Lower Upper
43 100
74 22.6 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 51.523 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

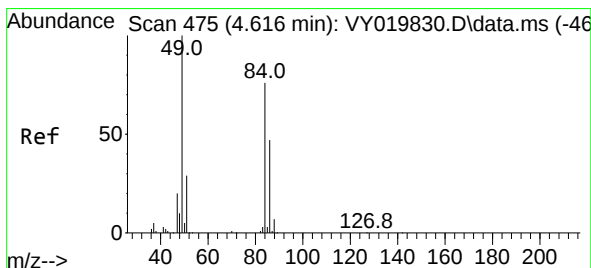
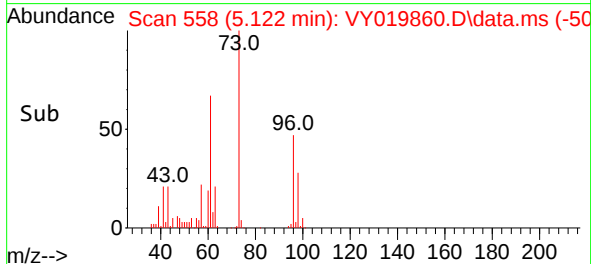
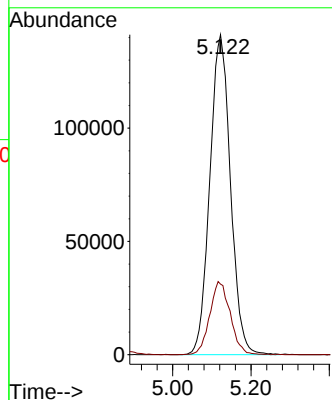
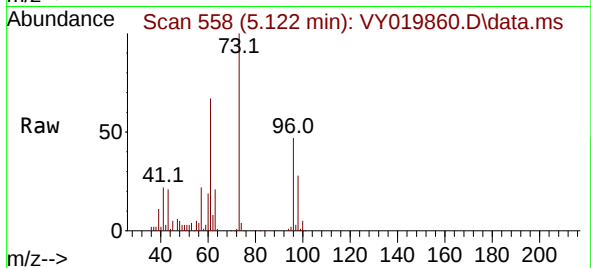
VSTDCCC050EC

Tgt Ion: 73 Resp: 516930

Ion Ratio Lower Upper

73 100

57 22.0 18.6 28.0



#20

Methylene Chloride

Concen: 49.818 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Tgt Ion: 84 Resp: 209780

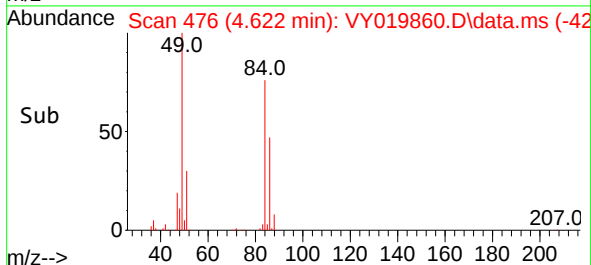
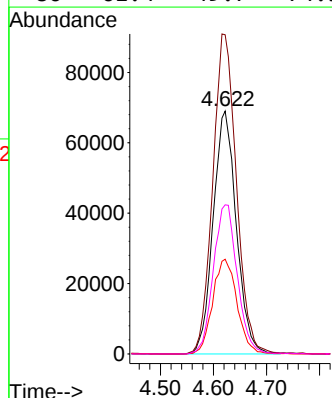
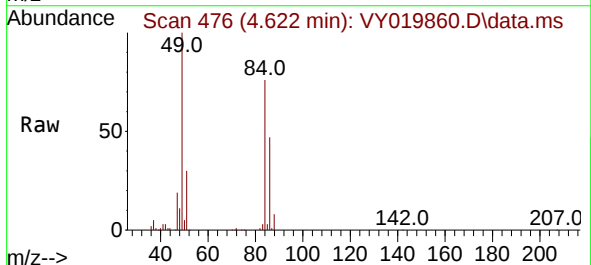
Ion Ratio Lower Upper

84 100

49 131.5 104.8 157.2

51 39.0 30.4 45.6

86 61.4 49.7 74.5

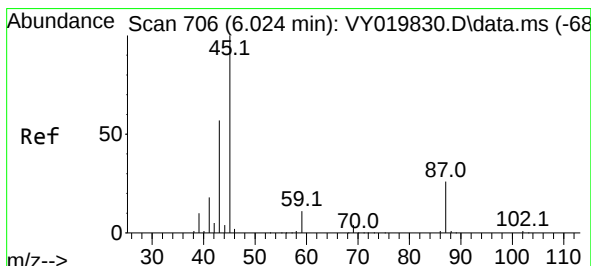
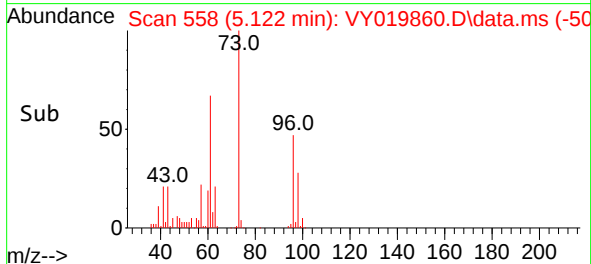
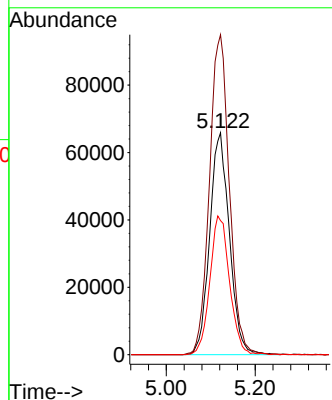
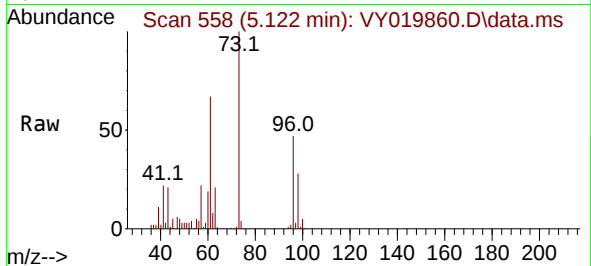




#21
trans-1,2-Dichloroethene
Concen: 53.430 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

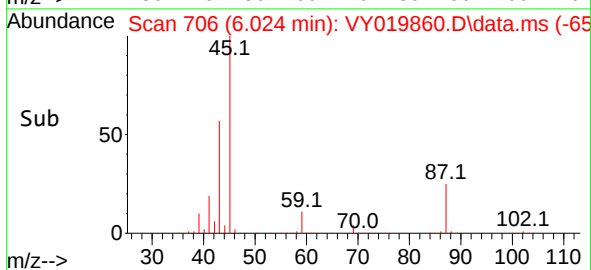
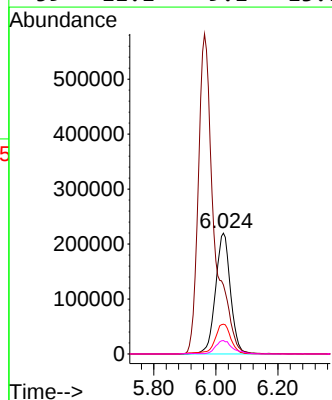
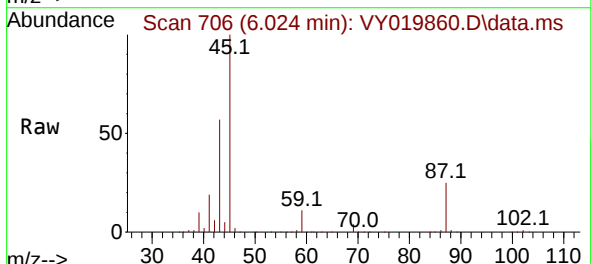
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 203081
Ion Ratio Lower Upper
96 100
61 144.2 117.9 176.9
98 60.4 51.0 76.4



#22
Diisopropyl ether
Concen: 53.539 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 45 Resp: 734817
Ion Ratio Lower Upper
45 100
43 57.2 45.4 68.0
87 24.7 21.1 31.7
59 11.1 9.1 13.7

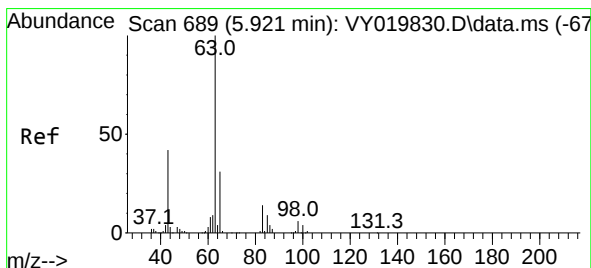
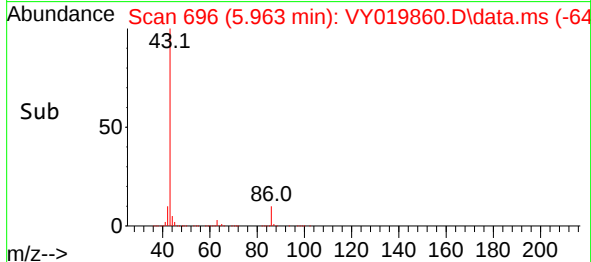
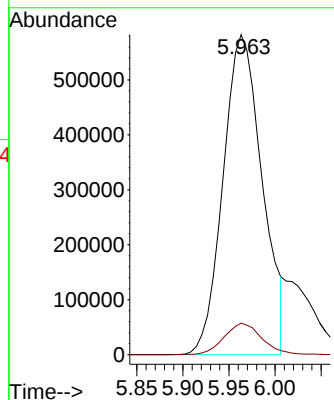
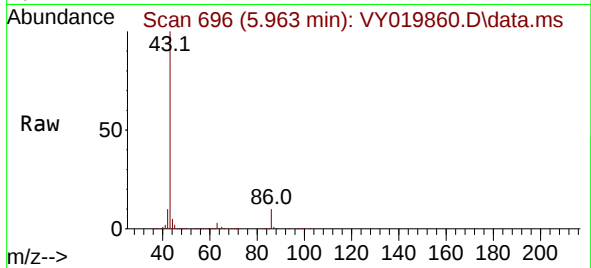




#23
 Vinyl Acetate
 Concen: 218.266 ug/l m
 RT: 5.963 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

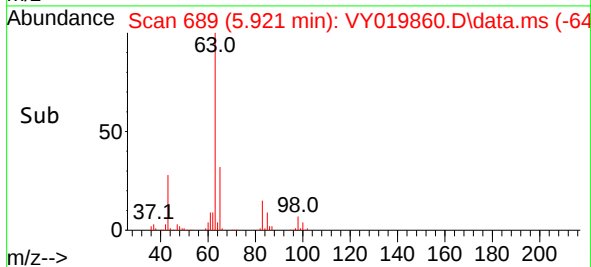
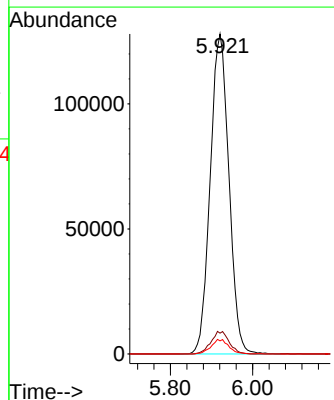
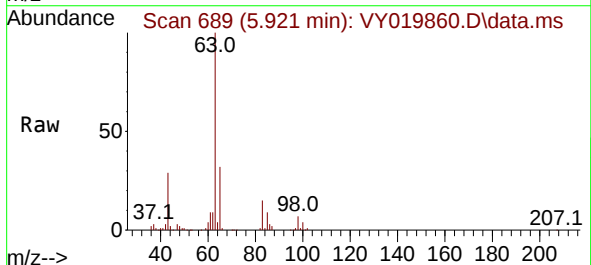
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1717356
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 52.951 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

Tgt Ion: 63 Resp: 403978
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.2 9.6
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 247.812 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

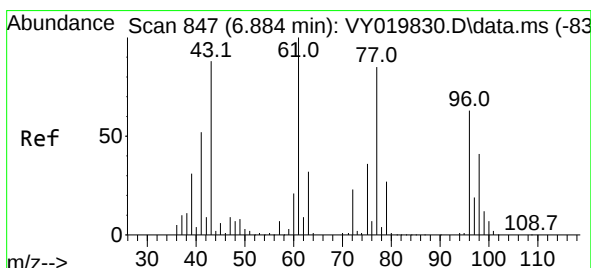
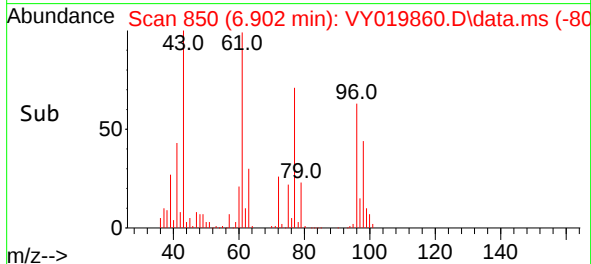
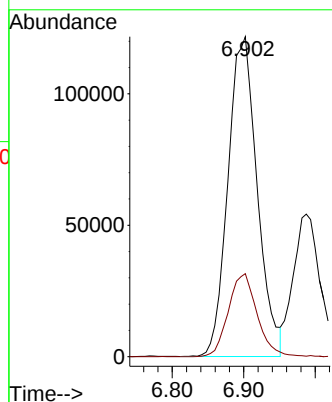
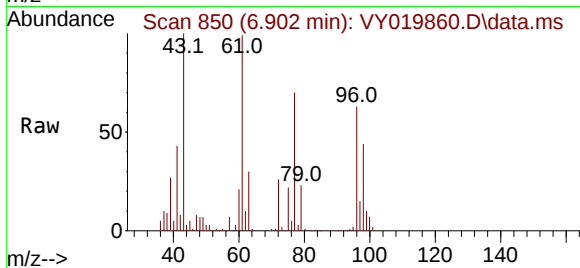
VSTDCCC050EC

Tgt Ion: 43 Resp: 346097

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 49.798 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019860.D

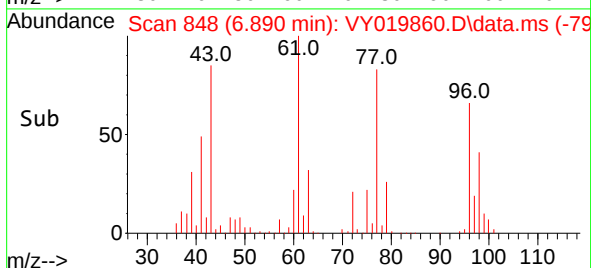
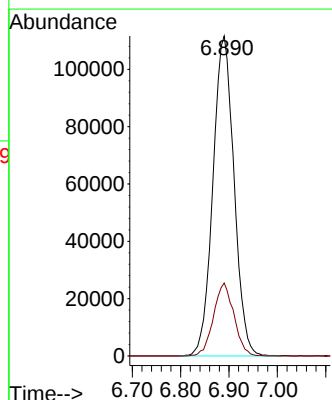
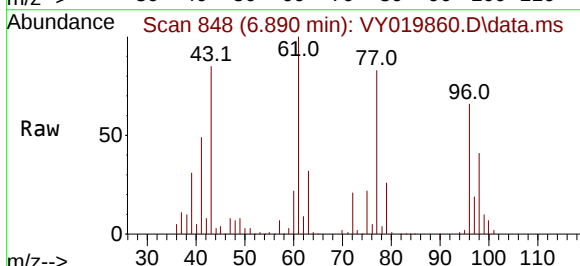
Acq: 10 Oct 2024 17:37

Tgt Ion: 77 Resp: 338353

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.6

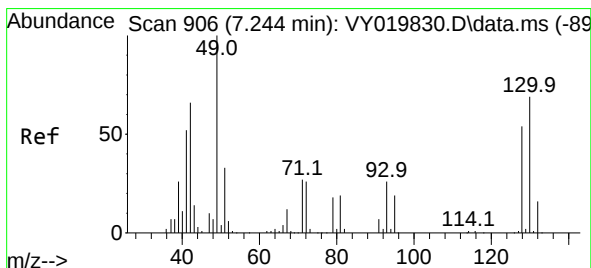
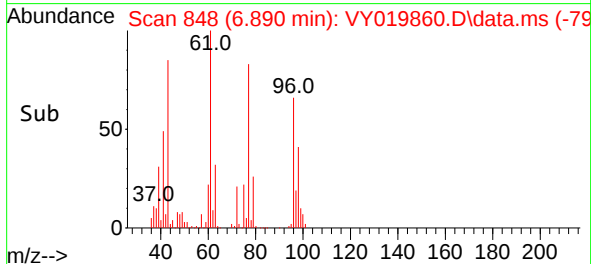
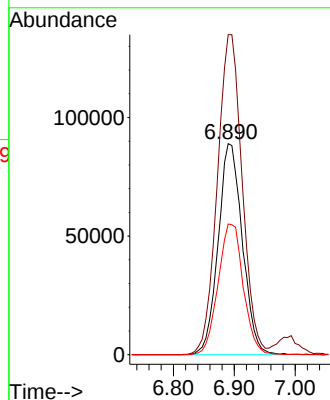
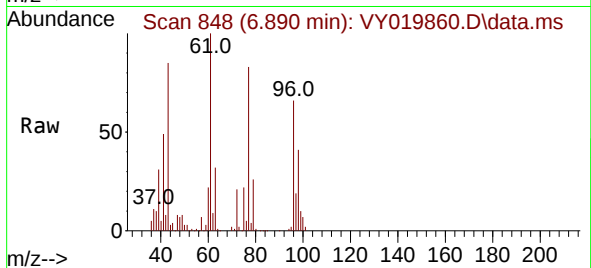




#27
cis-1,2-Dichloroethene
Concen: 52.285 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

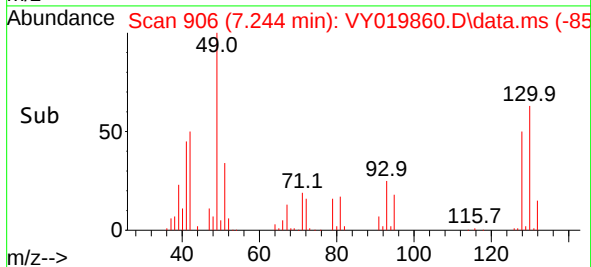
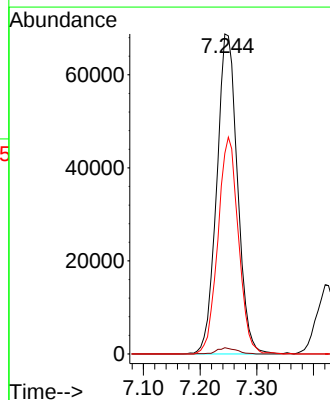
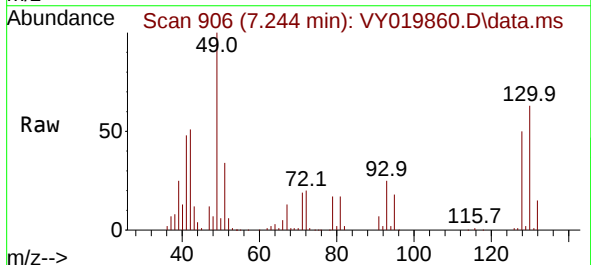
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

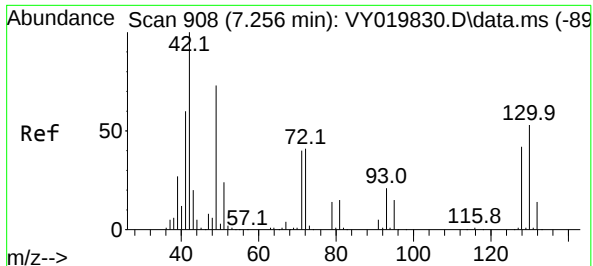
Tgt Ion: 96 Resp: 245588
Ion Ratio Lower Upper
96 100
61 155.6 0.0 311.4
98 64.3 0.0 129.2



#28
Bromochloromethane
Concen: 51.941 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 49 Resp: 174421
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 66.9 55.0 82.4





#29

Tetrahydrofuran

Concen: 259.960 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

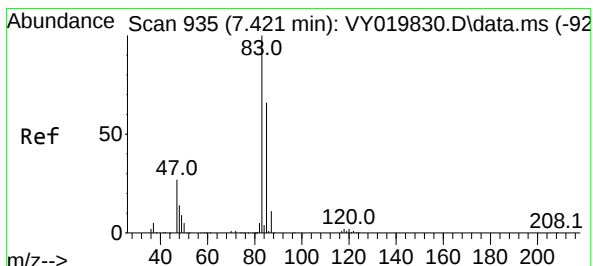
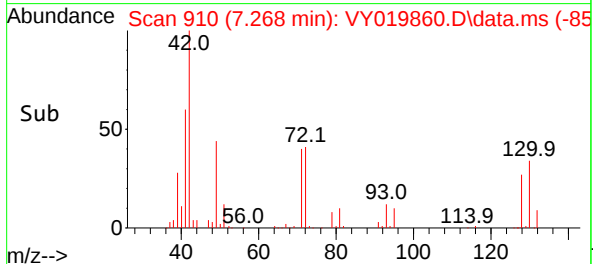
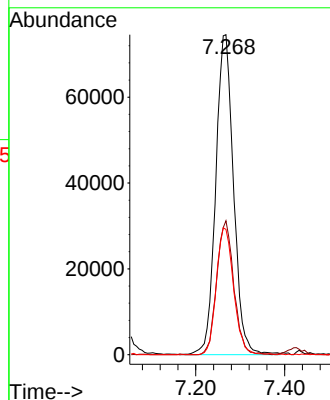
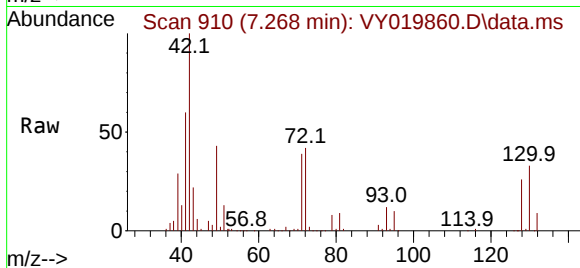
Tgt Ion: 42 Resp: 207301

Ion Ratio Lower Upper

42 100

72 40.2 33.4 50.0

71 38.3 31.6 47.4



#30

Chloroform

Concen: 53.074 ug/l

RT: 7.426 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019860.D

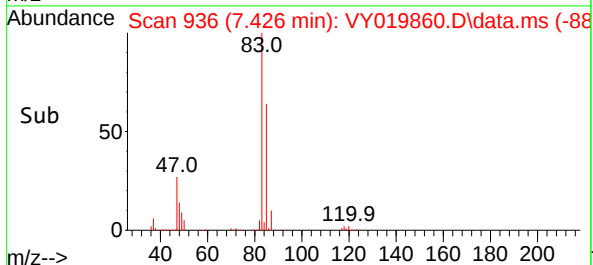
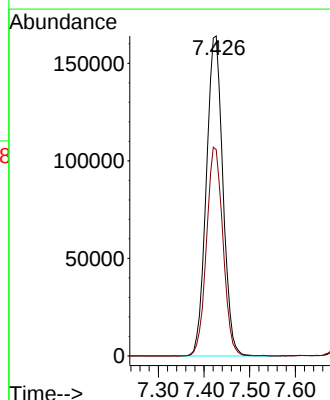
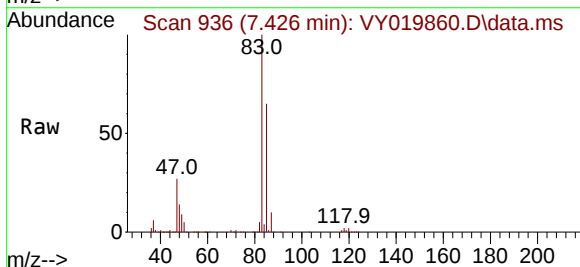
Acq: 10 Oct 2024 17:37

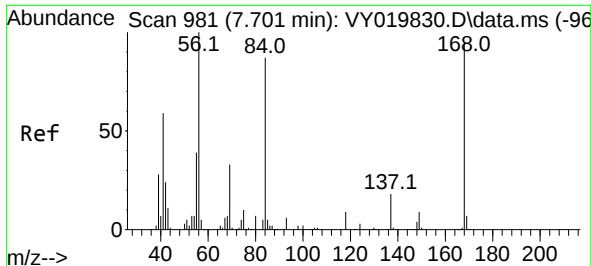
Tgt Ion: 83 Resp: 412765

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1

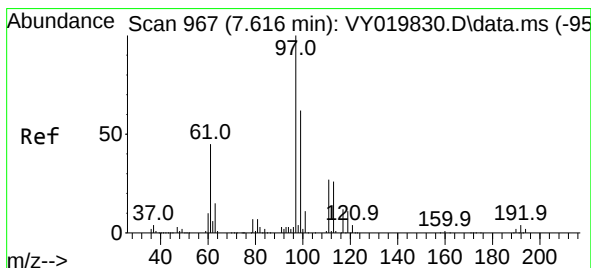
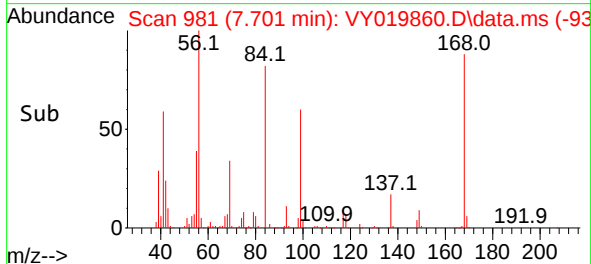
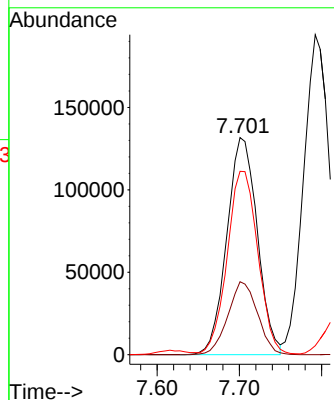
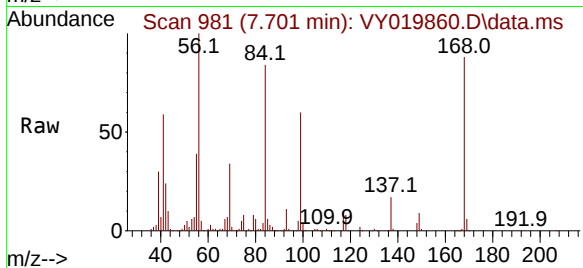




#31
Cyclohexane
Concen: 50.648 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

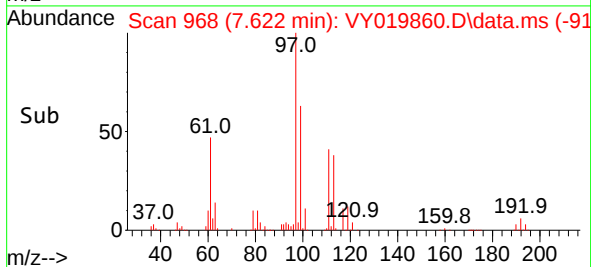
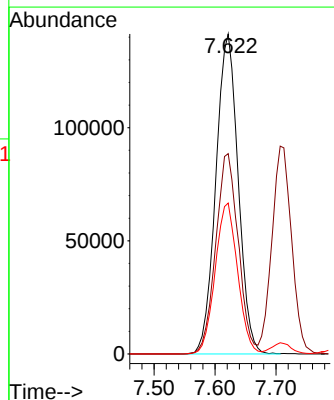
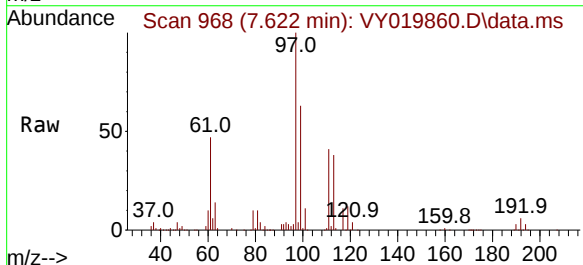
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 339201
Ion Ratio Lower Upper
56 100
69 33.6 26.6 39.8
84 82.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 52.740 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 97 Resp: 359463
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 47.6 36.5 54.7

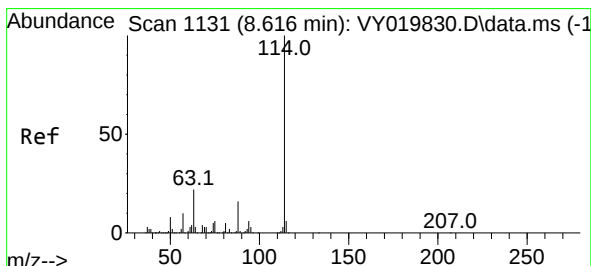
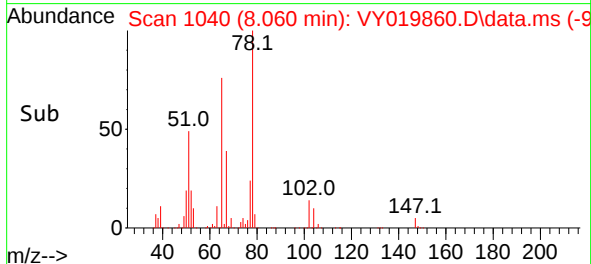
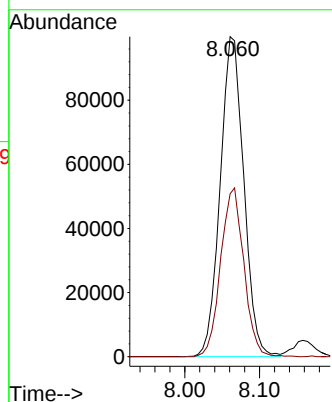
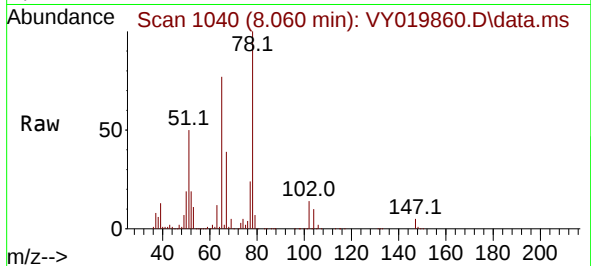




#33
 1,2-Dichloroethane-d4
 Concen: 54.763 ug/l
 RT: 8.060 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

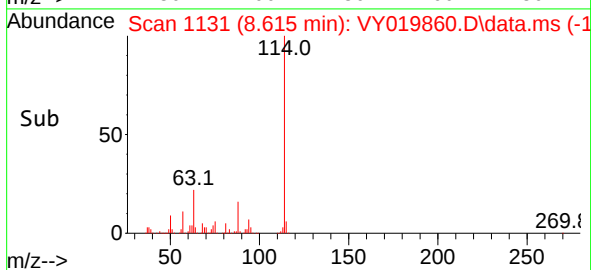
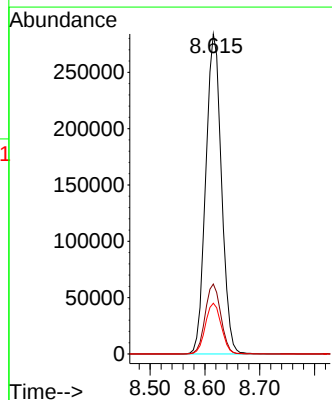
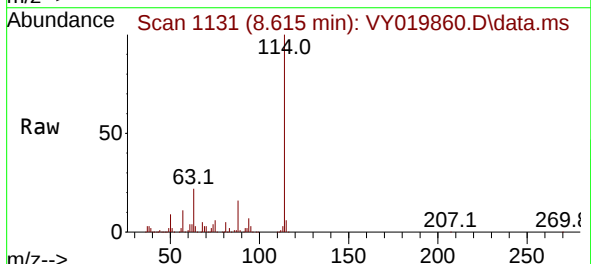
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

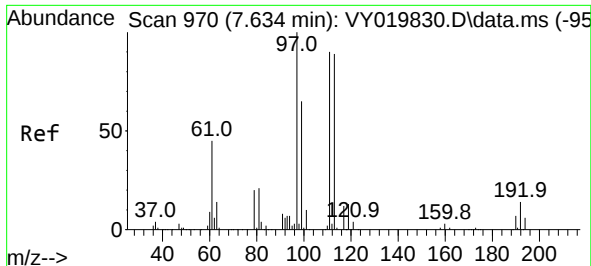
Tgt Ion: 65 Resp: 219500
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

Tgt Ion: 114 Resp: 563460
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 15.9 0.0 32.0

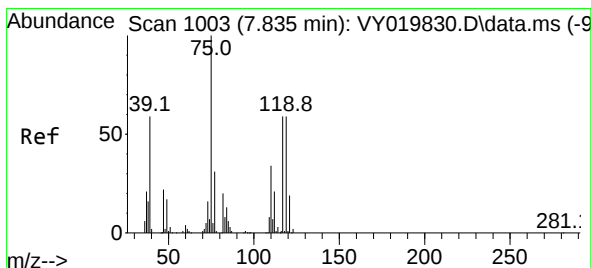
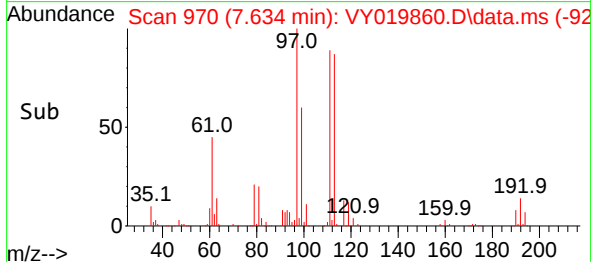
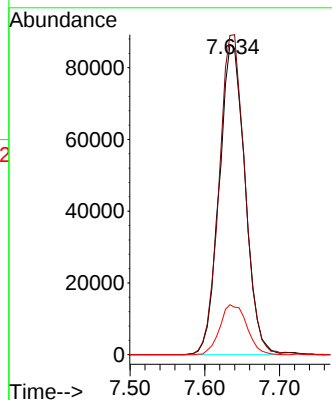
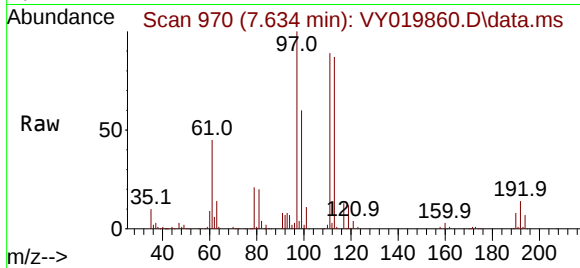




#35
Dibromofluoromethane
Concen: 55.930 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

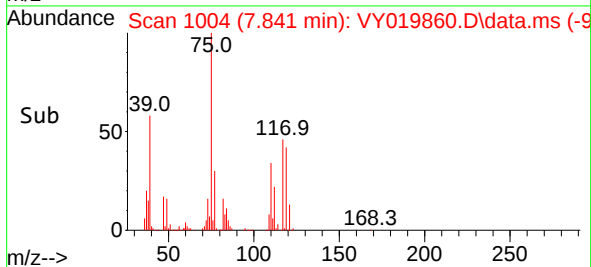
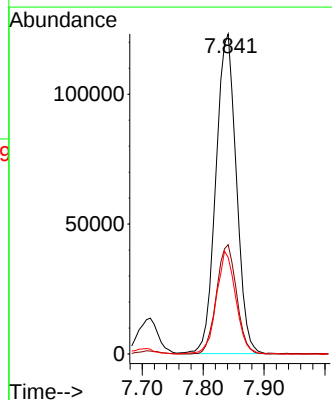
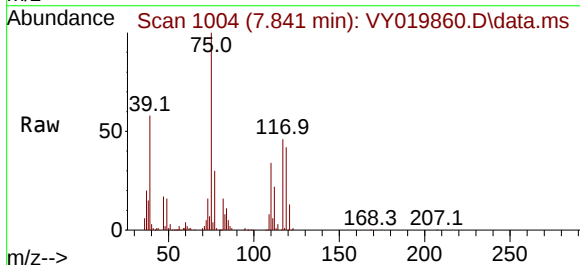
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

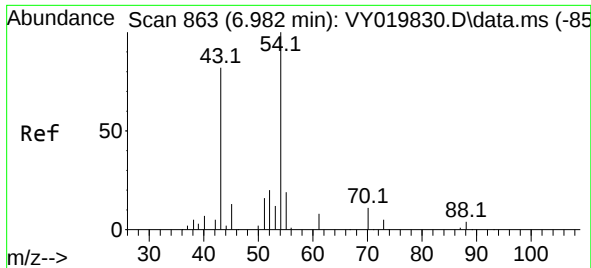
Tgt Ion:113 Resp: 207958
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.8 13.6 20.4



#36
1,1-Dichloropropene
Concen: 53.655 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 75 Resp: 287417
Ion Ratio Lower Upper
75 100
110 33.5 16.6 49.8
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 52.411 ug/l

RT: 6.987 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

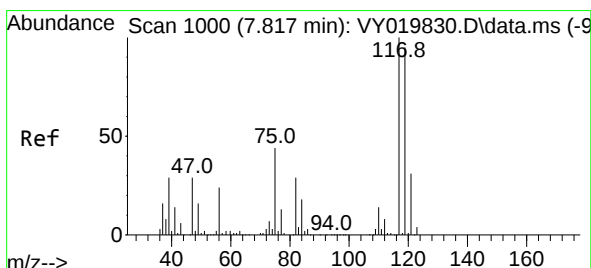
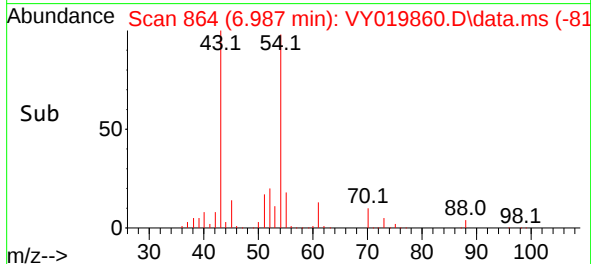
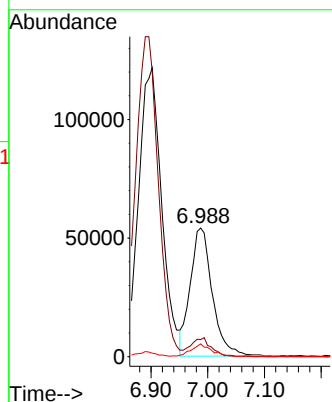
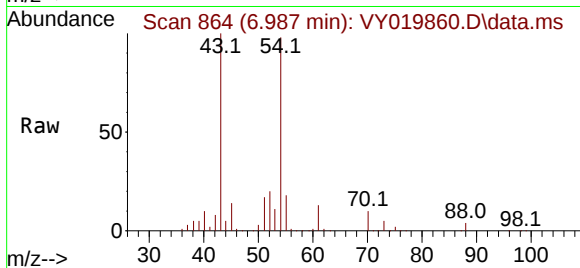
Tgt Ion: 43 Resp: 146397

Ion Ratio Lower Upper

43 100

61 12.9 10.9 16.3

70 9.4 7.6 11.4



#38

Carbon Tetrachloride

Concen: 53.196 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

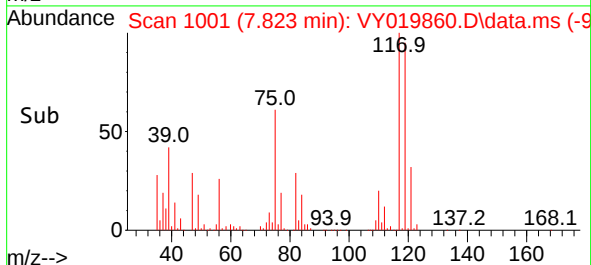
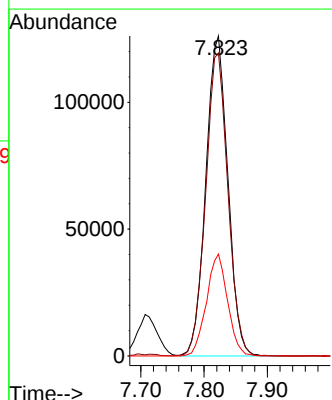
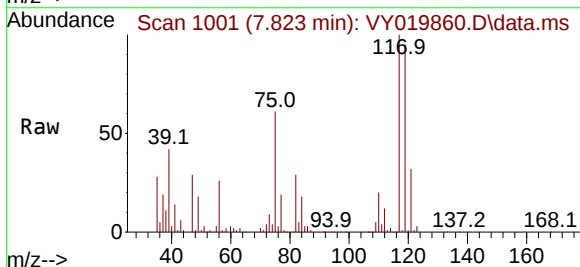
Tgt Ion: 117 Resp: 305485

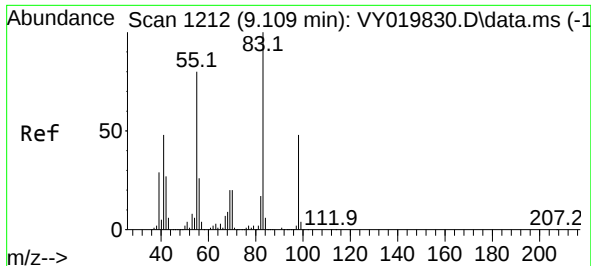
Ion Ratio Lower Upper

117 100

119 94.7 76.2 114.4

121 31.8 25.0 37.4

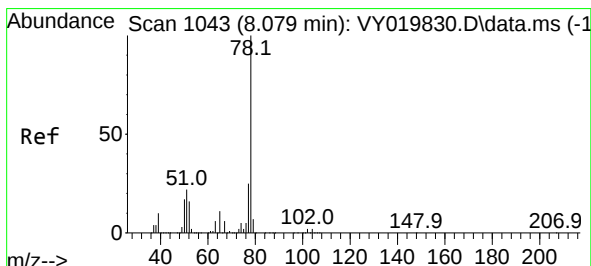
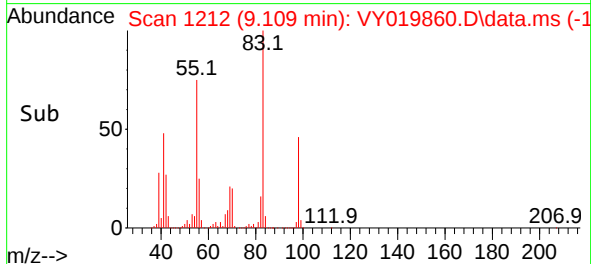
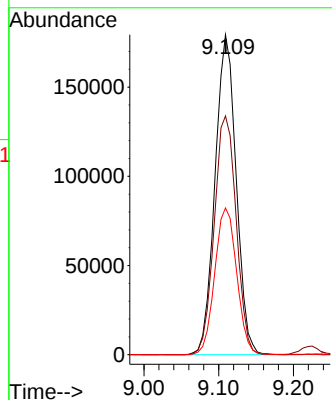
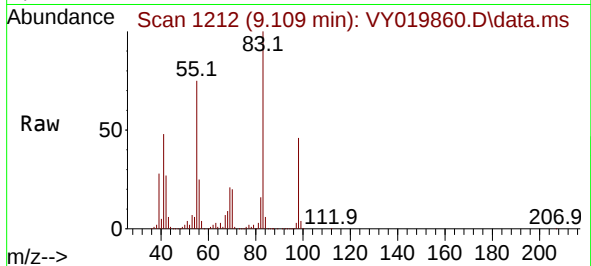




#39
Methylcyclohexane
Concen: 52.202 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

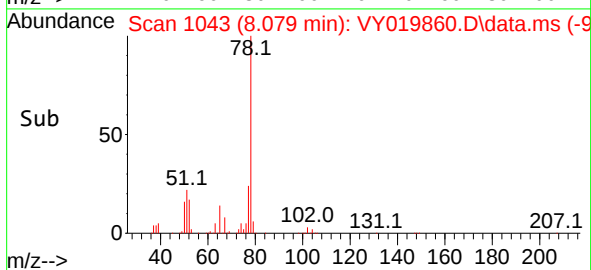
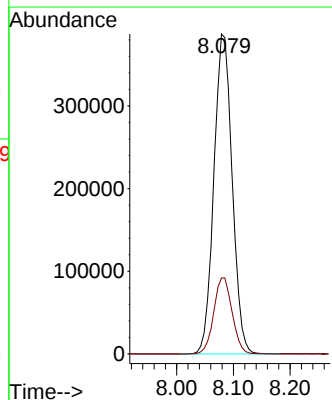
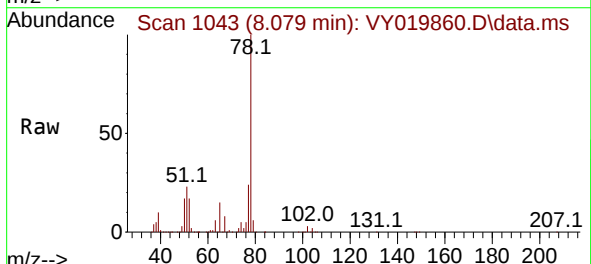
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 352336
Ion Ratio Lower Upper
83 100
55 74.6 63.7 95.5
98 45.8 38.3 57.5



#40
Benzene
Concen: 53.493 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 78 Resp: 867205
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4

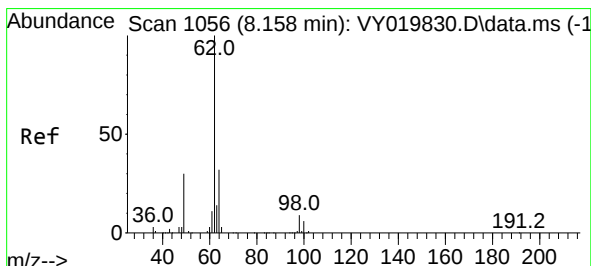
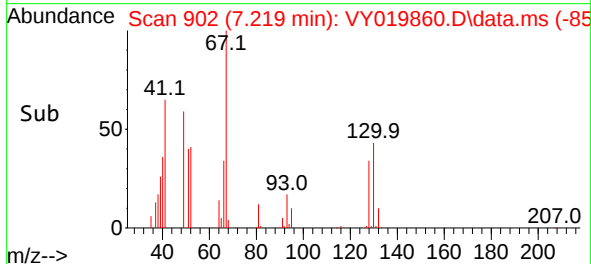
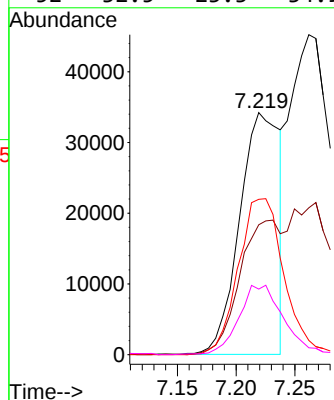
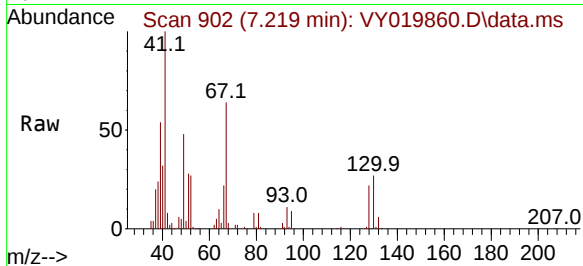




#41
Methacrylonitrile
Concen: 53.692 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

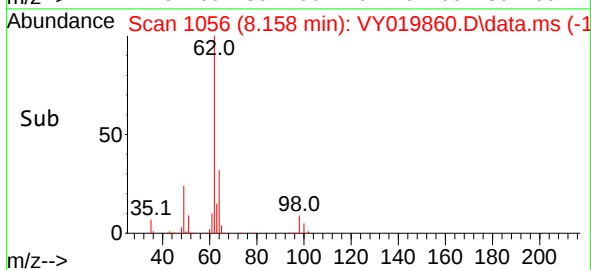
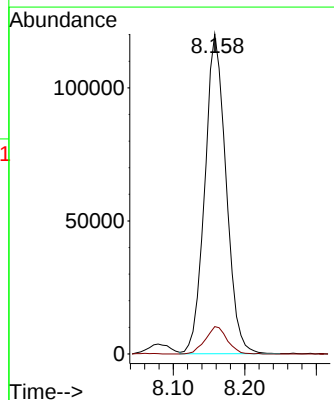
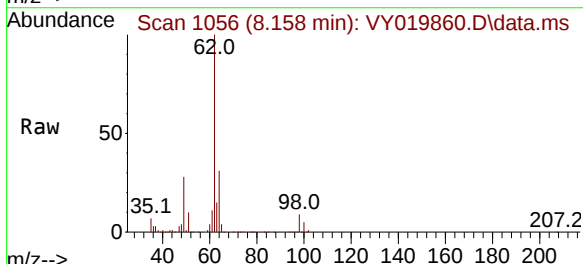
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

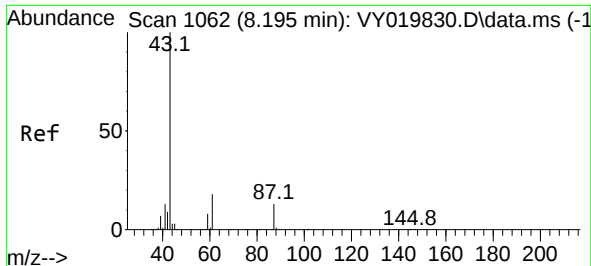
Tgt Ion:	41	Resp:	81169
Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.9	65.9
67	73.7	53.2	79.8
52	32.5	23.3	34.9



#42
1,2-Dichloroethane
Concen: 53.214 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion:	62	Resp:	247844
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

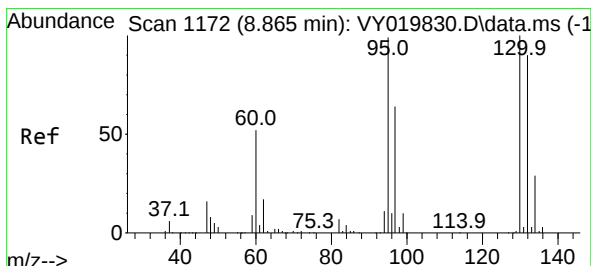
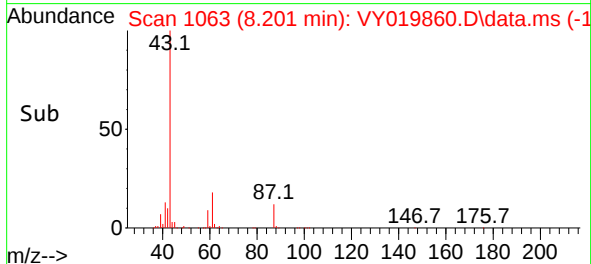
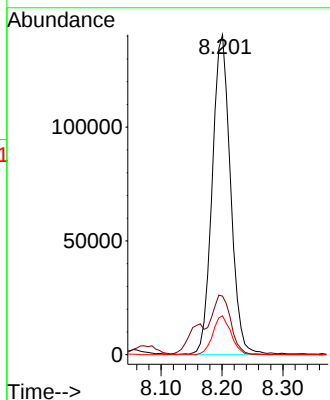
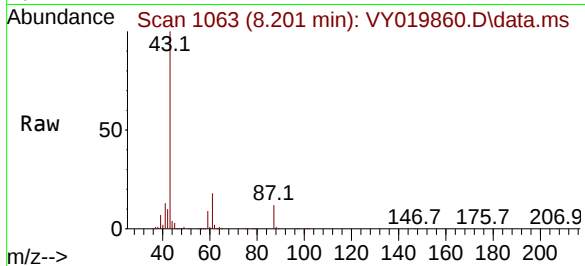




#43
Isopropyl Acetate
Concen: 51.269 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

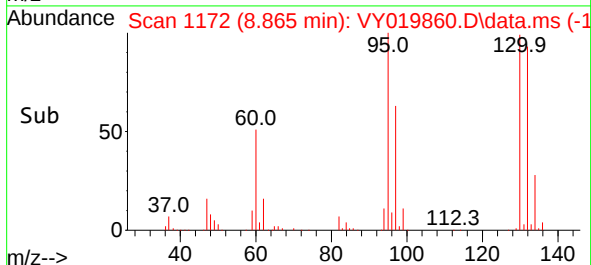
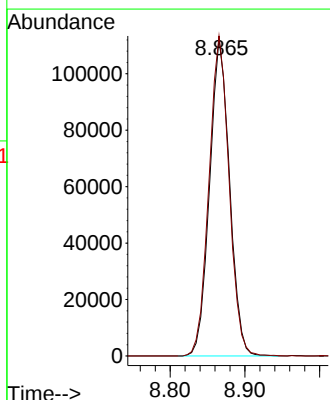
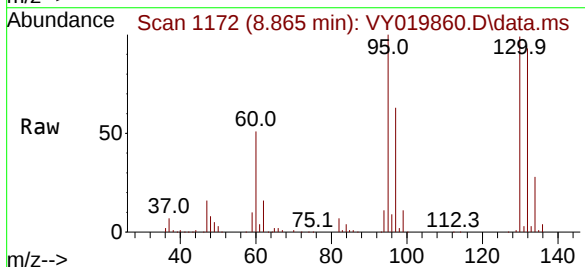
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

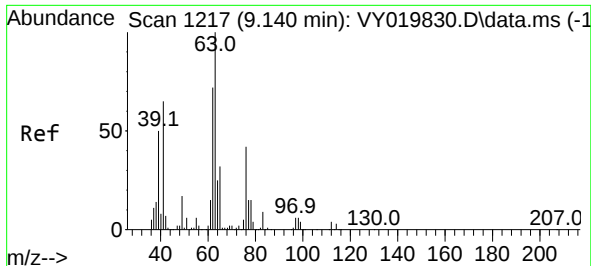
Tgt Ion: 43 Resp: 292055
Ion Ratio Lower Upper
43 100
61 20.1 15.5 23.3
87 12.1 9.9 14.9



#44
Trichloroethene
Concen: 52.947 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion:130 Resp: 207896
Ion Ratio Lower Upper
130 100
95 100.8 0.0 197.2





#45

1,2-Dichloropropane

Concen: 52.785 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

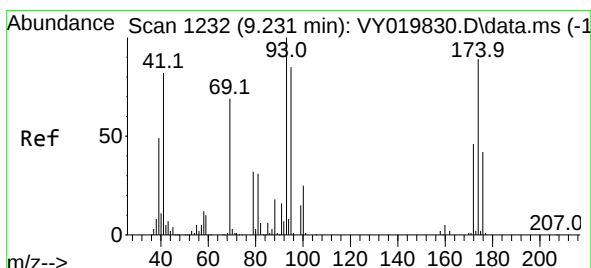
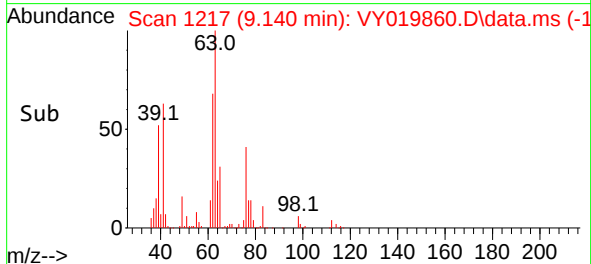
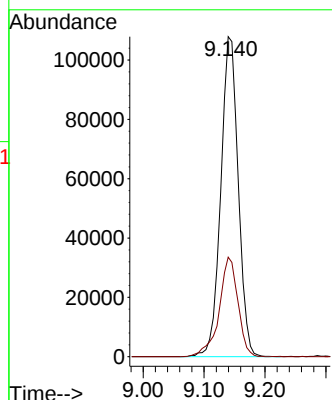
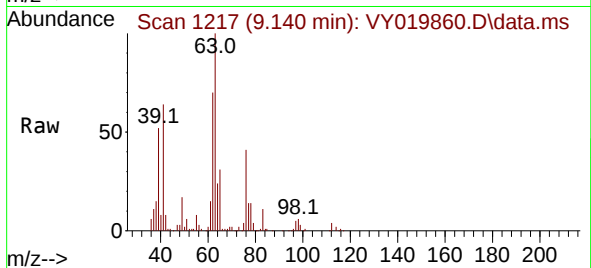
VSTDCCC050EC

Tgt Ion: 63 Resp: 214188

Ion Ratio Lower Upper

63 100

65 31.1 25.6 38.4



#46

Dibromomethane

Concen: 52.565 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

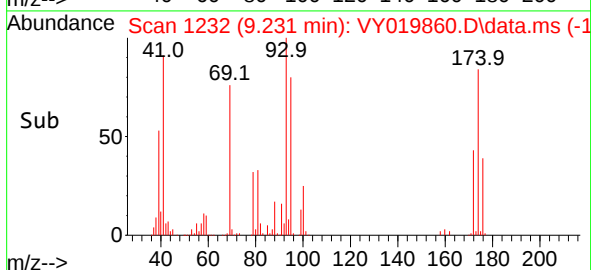
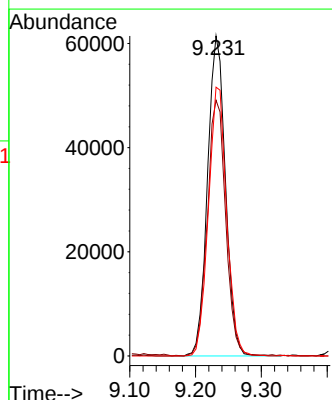
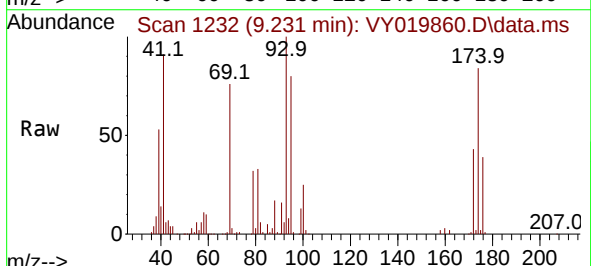
Tgt Ion: 93 Resp: 116534

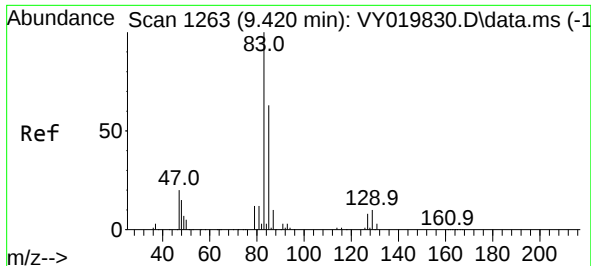
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.2

174 85.6 70.4 105.6

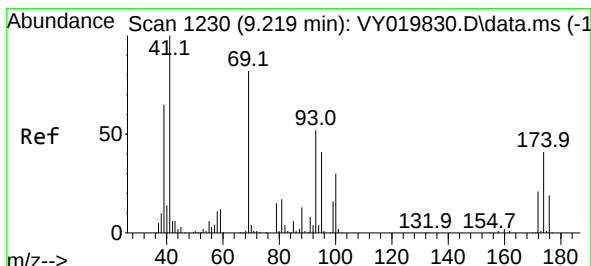
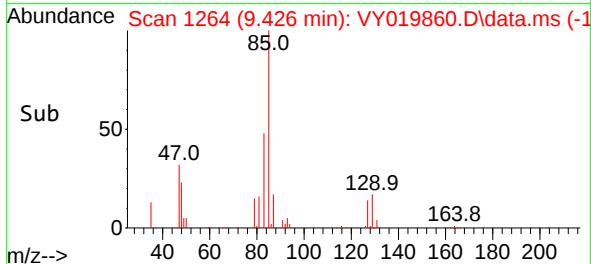
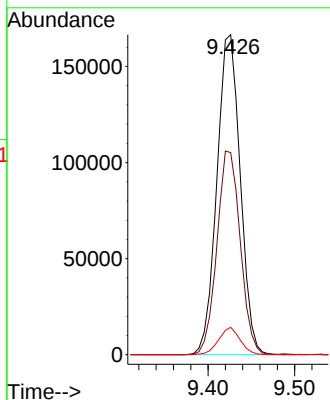
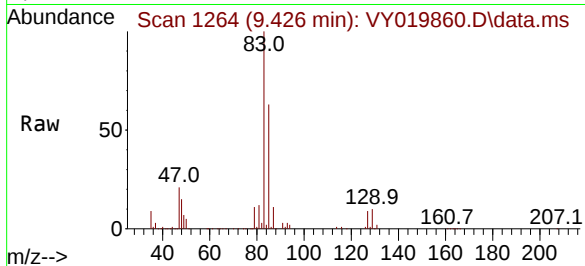




#47
Bromodichloromethane
Concen: 53.072 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

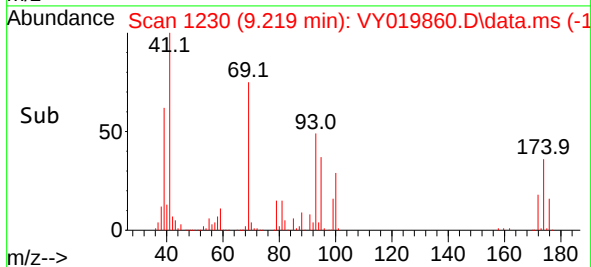
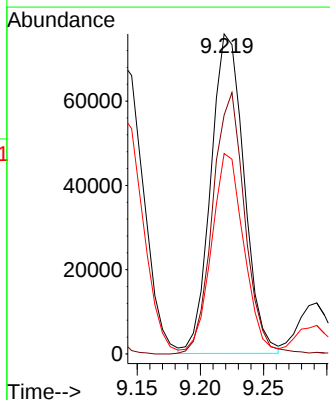
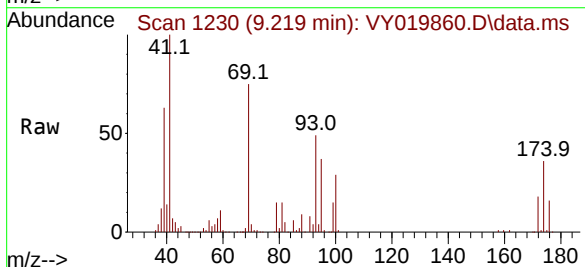
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

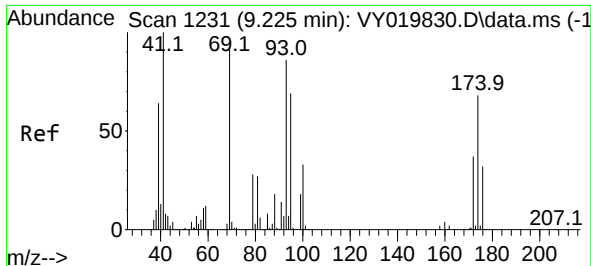
Tgt Ion: 83 Resp: 312304
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.2
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 55.264 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 41 Resp: 138478
Ion Ratio Lower Upper
41 100
69 79.3 66.3 99.5
39 59.1 50.2 75.4





#49

1,4-Dioxane

Concen: 1011.572 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

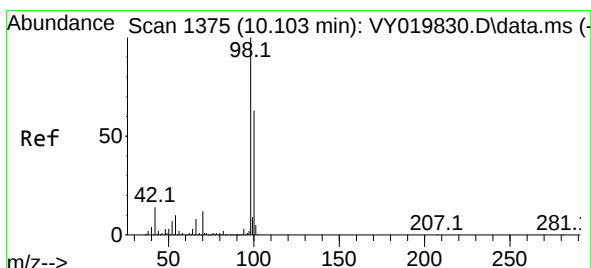
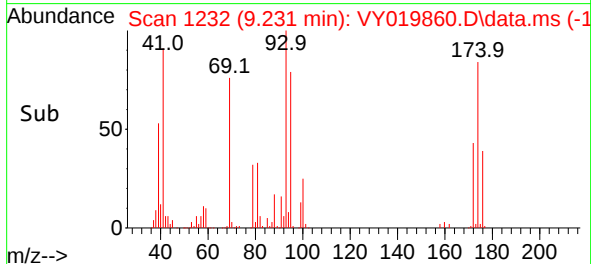
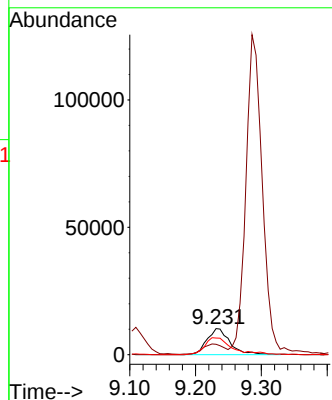
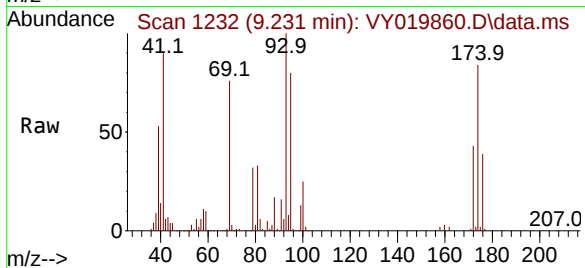
Tgt Ion: 88 Resp: 25100

Ion Ratio Lower Upper

88 100

43 35.5 28.5 42.7

58 76.1 52.6 78.8



#50

Toluene-d8

Concen: 55.765 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019860.D

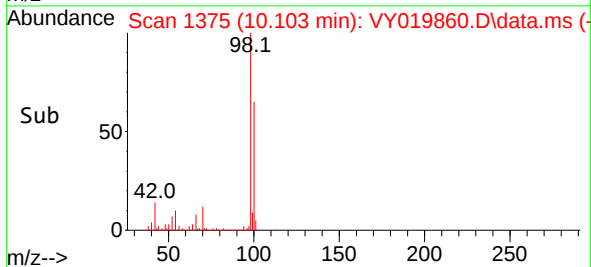
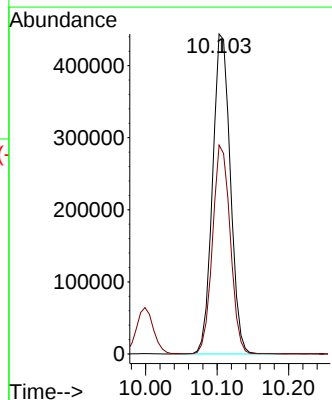
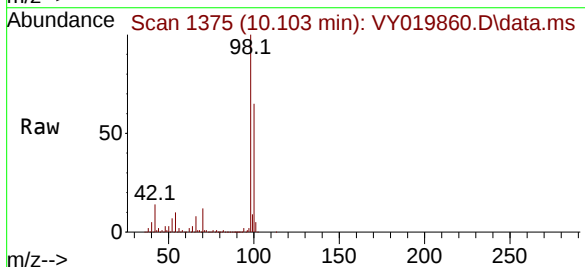
Acq: 10 Oct 2024 17:37

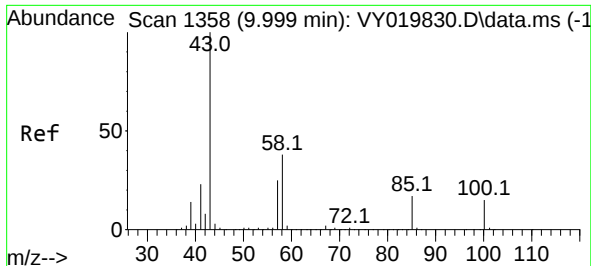
Tgt Ion: 98 Resp: 765707

Ion Ratio Lower Upper

98 100

100 65.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 261.898 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

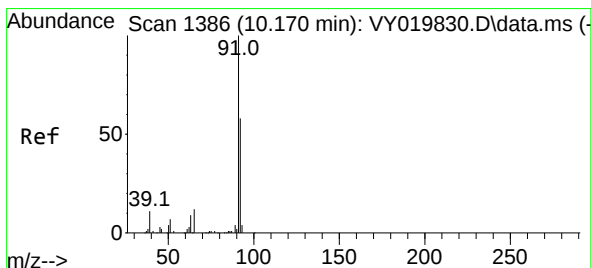
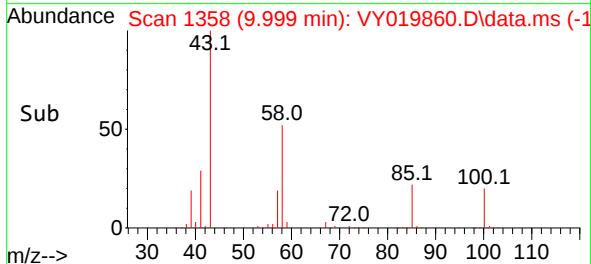
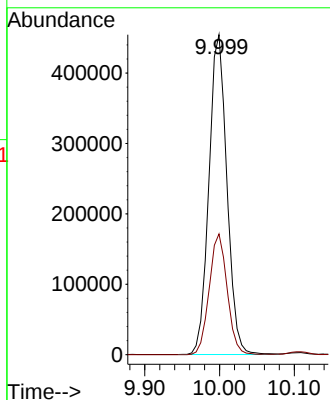
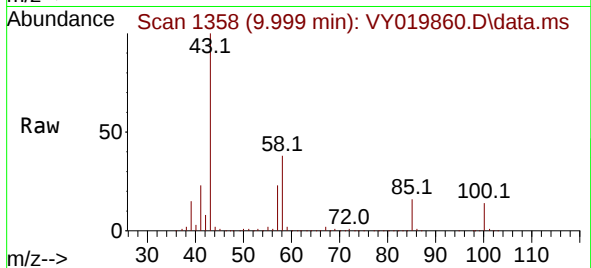
VSTDCCC050EC

Tgt Ion: 43 Resp: 760965

Ion Ratio Lower Upper

43 100

58 37.6 30.4 45.6



#52

Toluene

Concen: 53.904 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY019860.D

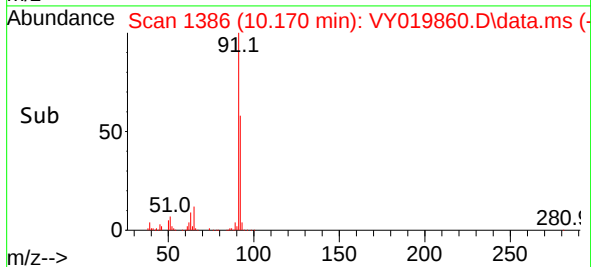
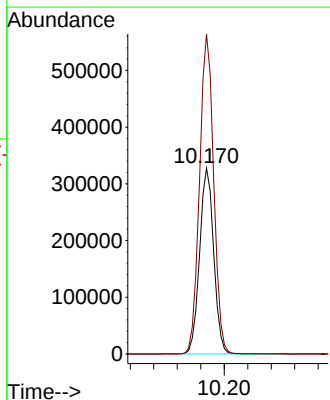
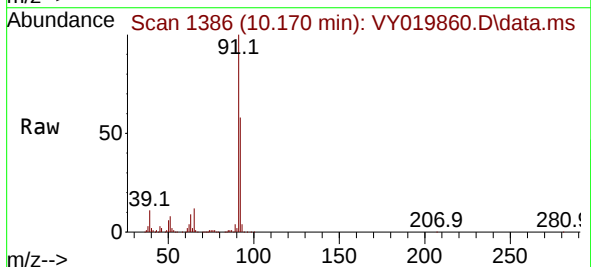
Acq: 10 Oct 2024 17:37

Tgt Ion: 92 Resp: 545477

Ion Ratio Lower Upper

92 100

91 173.0 139.2 208.8

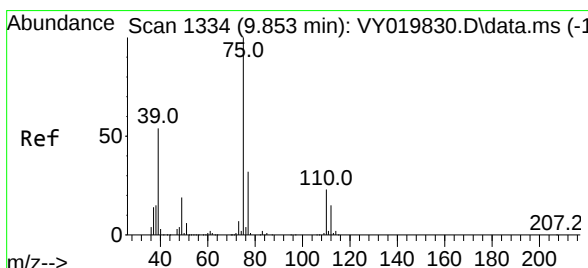
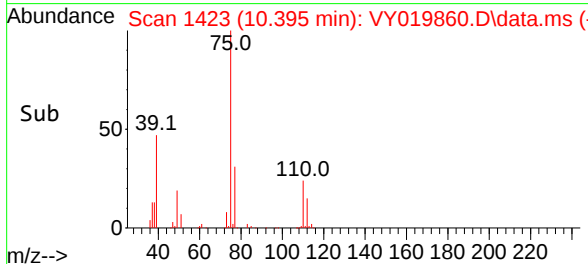
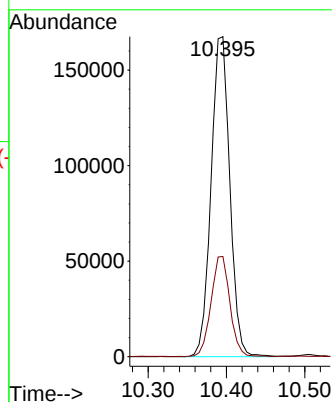
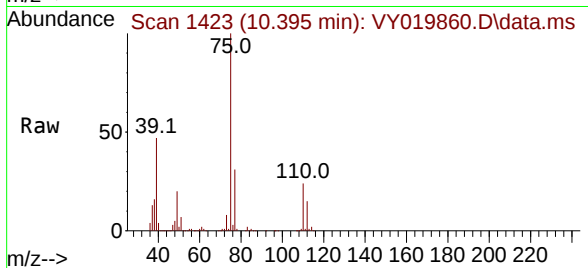




#53
 t-1,3-Dichloropropene
 Concen: 52.546 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

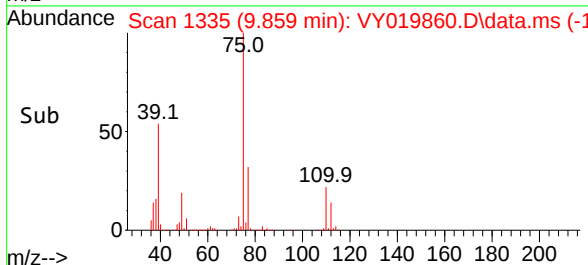
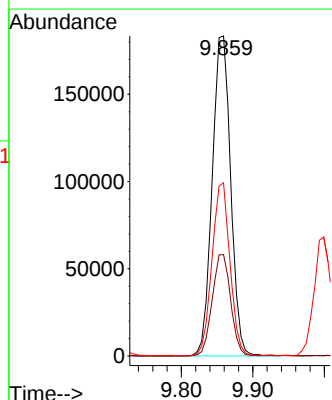
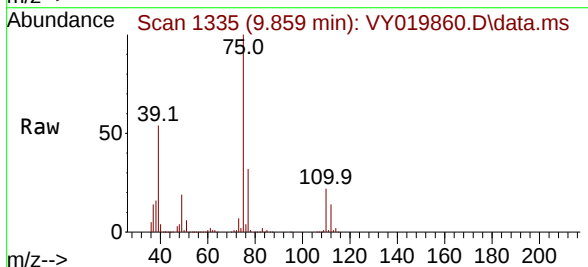
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

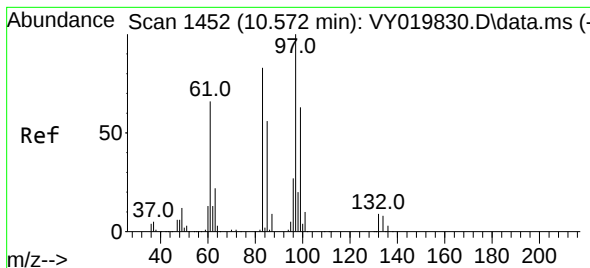
Tgt Ion: 75 Resp: 278212
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 52.653 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

Tgt Ion: 75 Resp: 328945
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 54.0 43.1 64.7



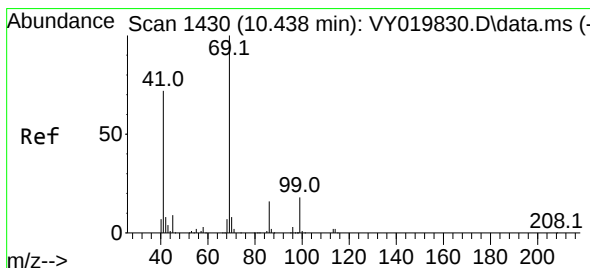
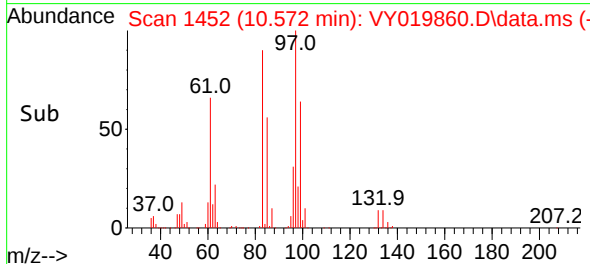
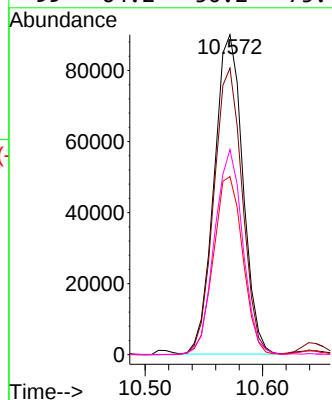
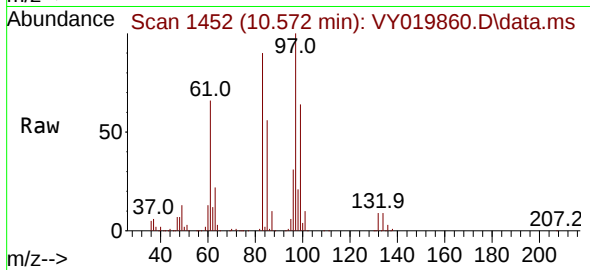


#55
1,1,2-Trichloroethane
Concen: 52.201 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 152472

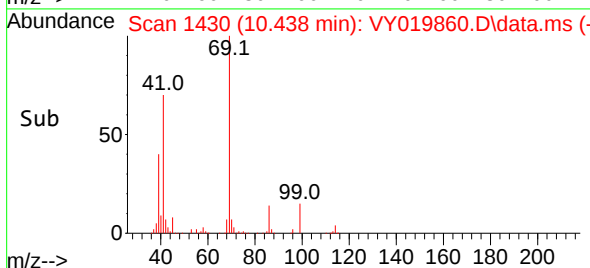
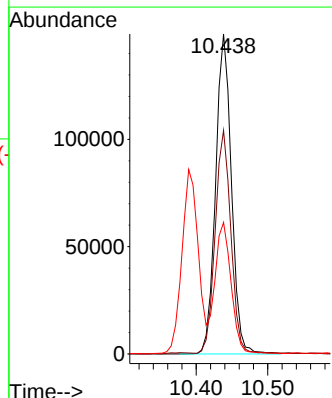
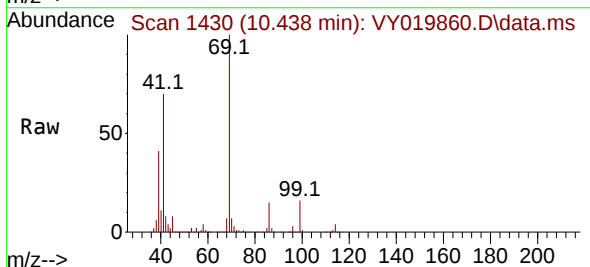
Ion	Ratio	Lower	Upper
97	100		
83	89.6	66.7	100.1
85	55.7	45.0	67.4
99	64.2	50.2	75.4



#56
Ethyl methacrylate
Concen: 54.552 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 69 Resp: 228636

Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.2	82.8
39	42.2	33.0	49.4





#57

1,3-Dichloropropane

Concen: 52.590 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

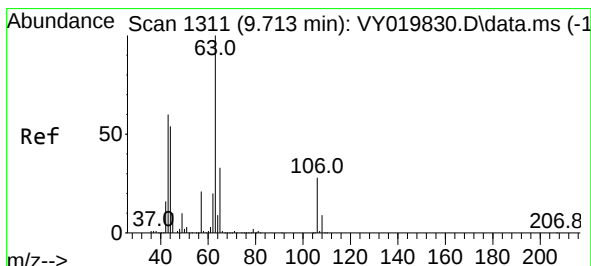
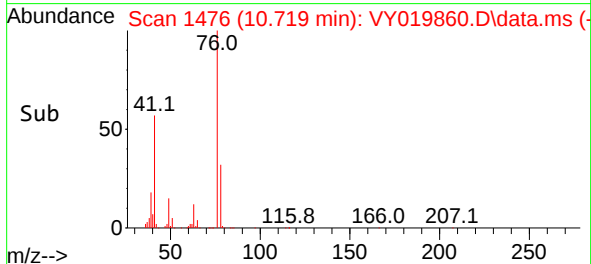
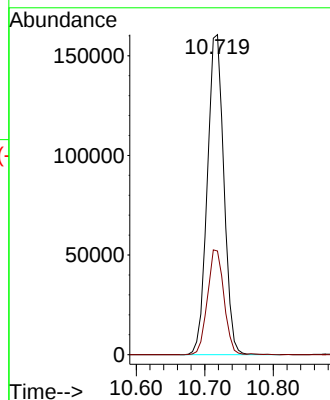
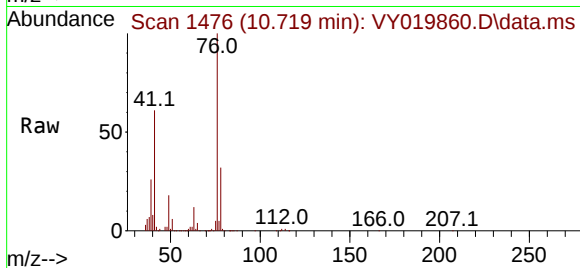
VSTDCCC050EC

Tgt Ion: 76 Resp: 269759

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 259.117 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY019860.D

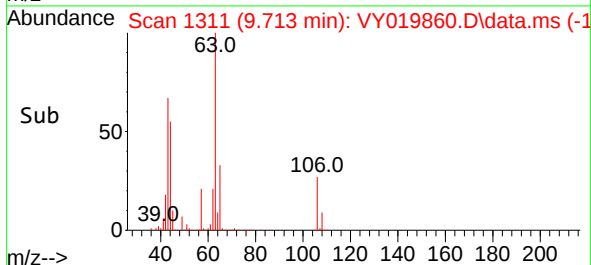
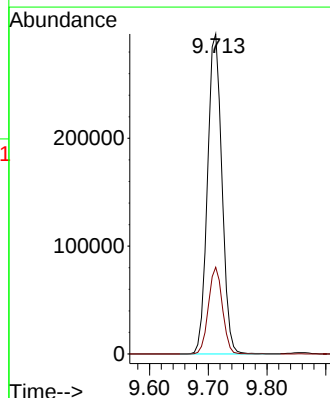
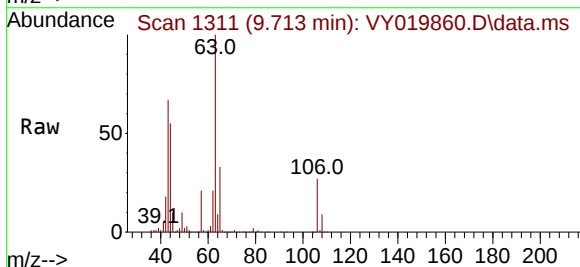
Acq: 10 Oct 2024 17:37

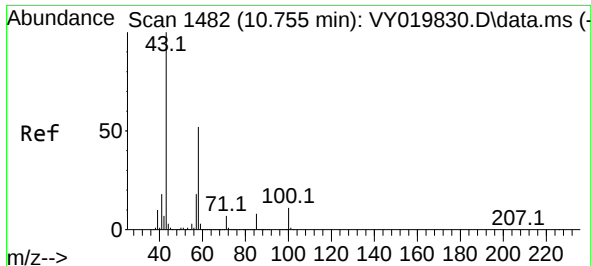
Tgt Ion: 63 Resp: 505566

Ion Ratio Lower Upper

63 100

106 26.3 21.7 32.5

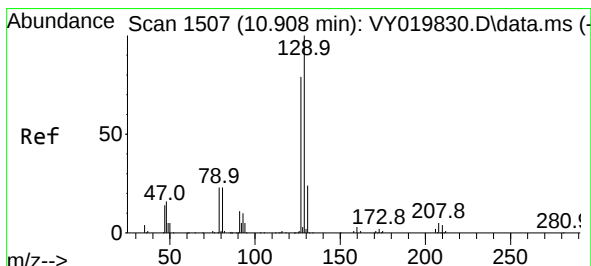
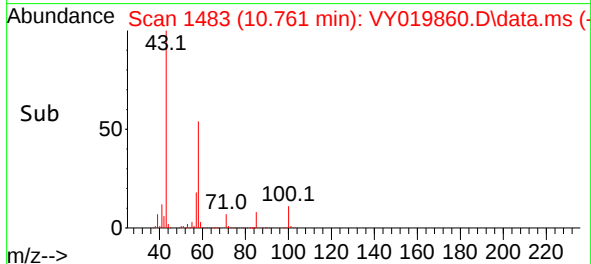
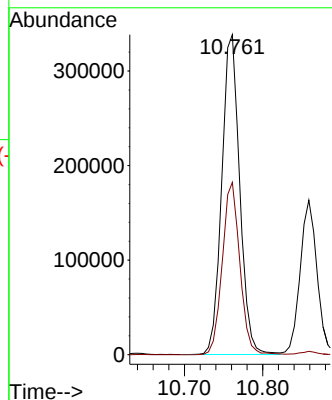
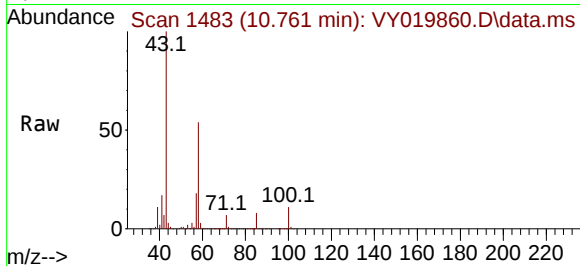




#59
2-Hexanone
Concen: 260.175 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

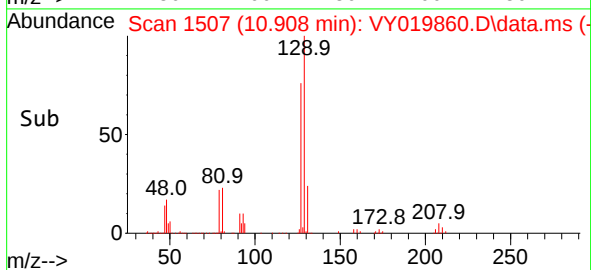
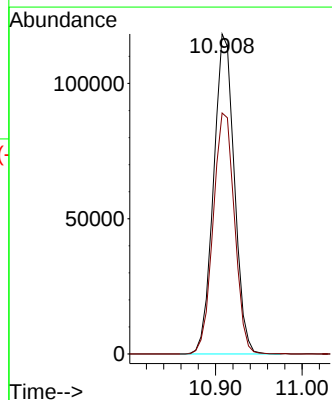
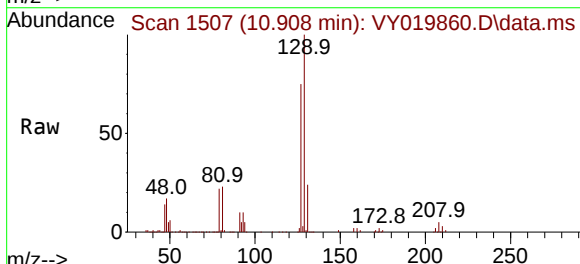
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

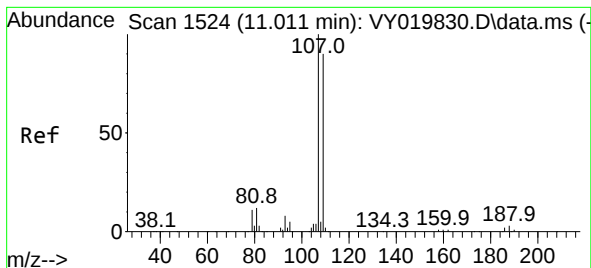
Tgt Ion: 43 Resp: 539929
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.2



#60
Dibromochloromethane
Concen: 52.419 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 129 Resp: 196517
Ion Ratio Lower Upper
129 100
127 77.5 39.5 118.5

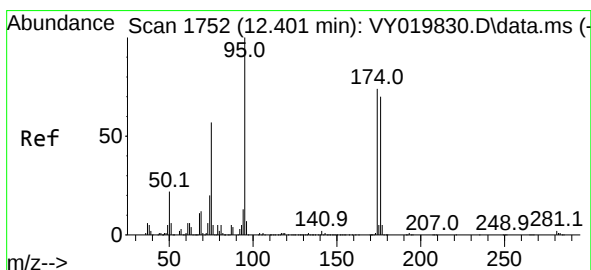
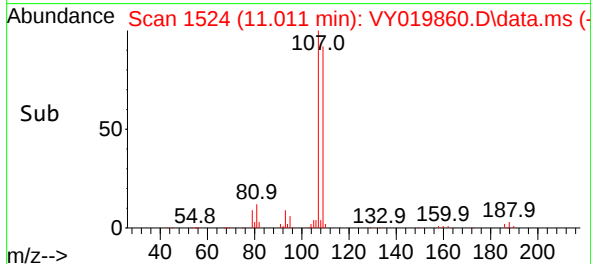
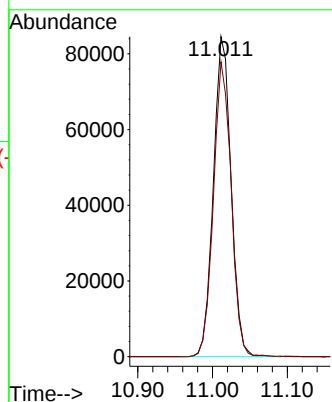
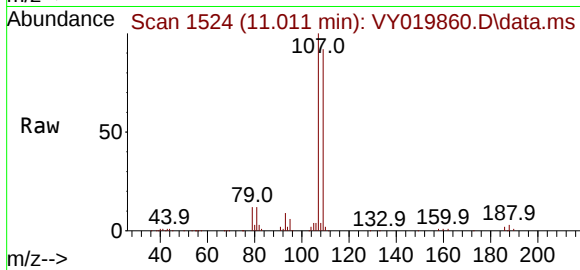




#61
1,2-Dibromoethane
Concen: 52.832 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

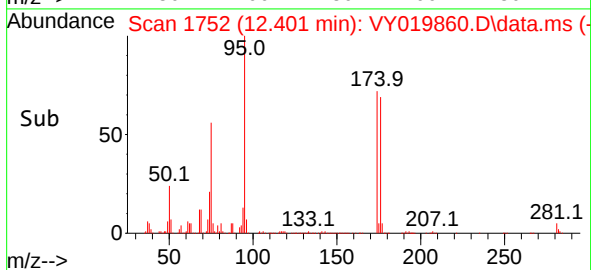
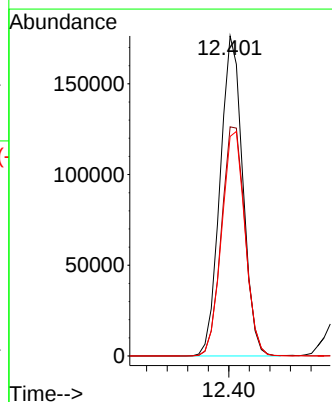
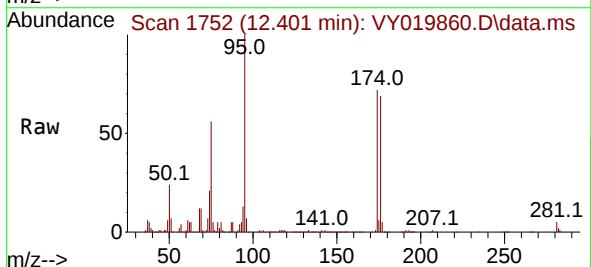
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

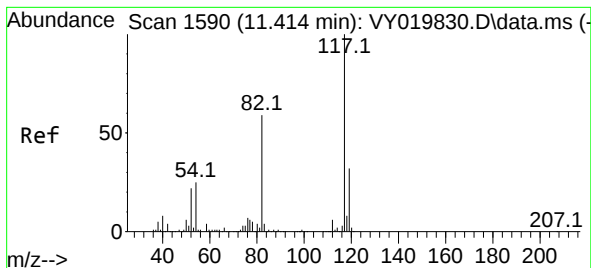
Tgt Ion:107 Resp: 139446
Ion Ratio Lower Upper
107 100
109 92.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.408 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 95 Resp: 269937
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 72.4 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

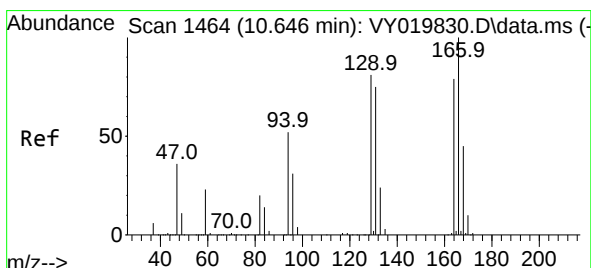
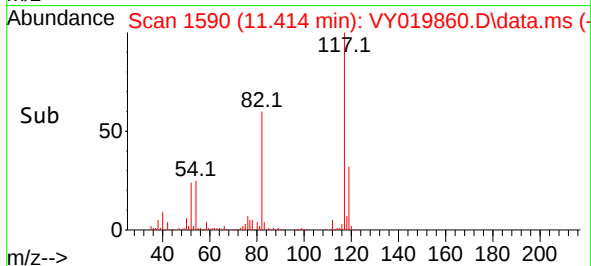
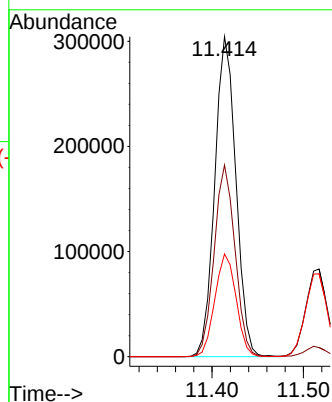
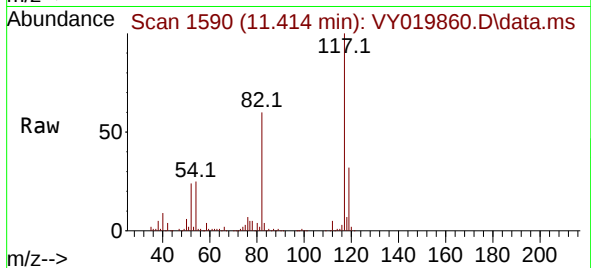
Tgt Ion:117 Resp: 489527

Ion Ratio Lower Upper

117 100

82 59.9 46.9 70.3

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 51.223 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Tgt Ion:164 Resp: 178355

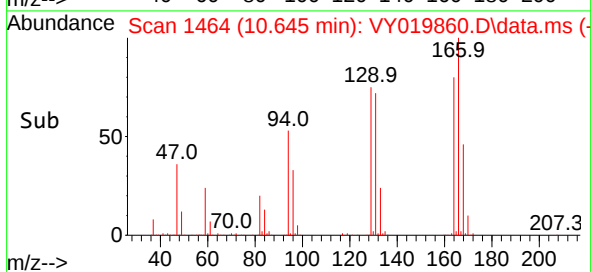
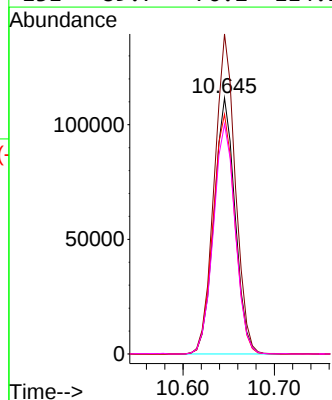
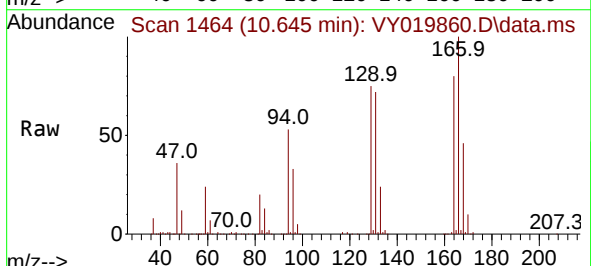
Ion Ratio Lower Upper

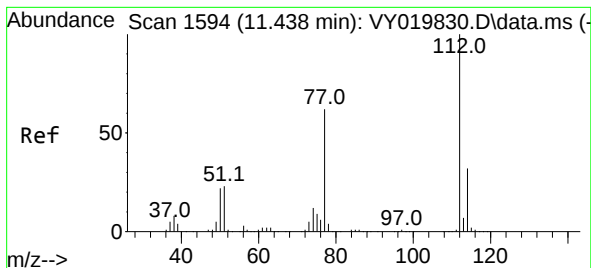
164 100

166 125.0 101.0 151.6

129 93.6 81.4 122.2

131 89.7 76.2 114.2

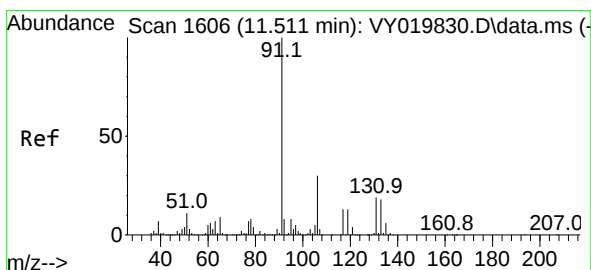
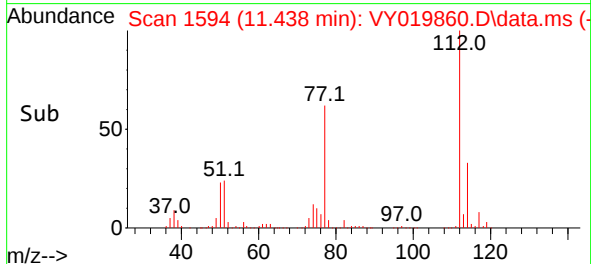
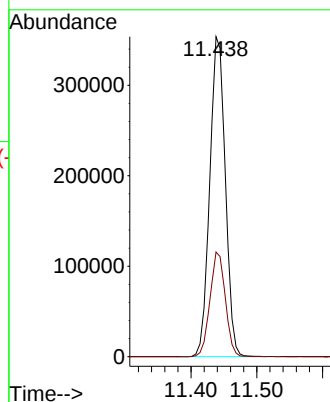
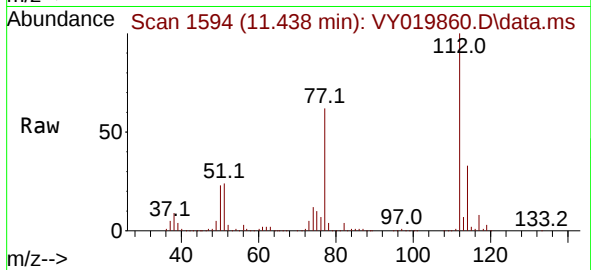




#65
Chlorobenzene
Concen: 51.983 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

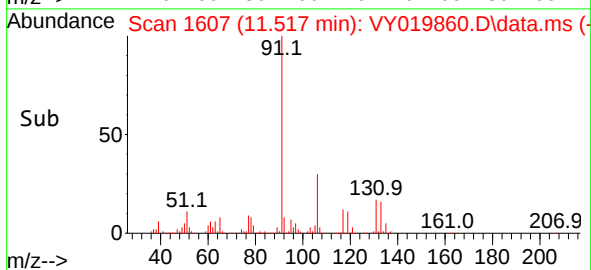
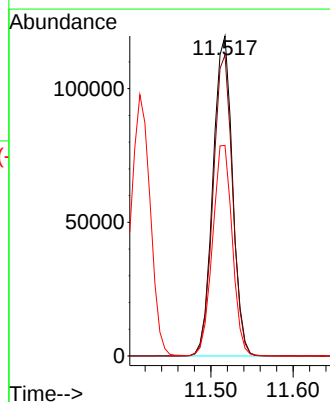
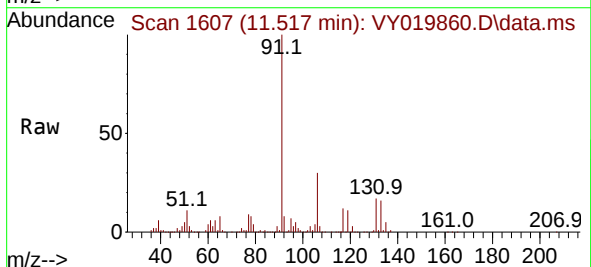
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

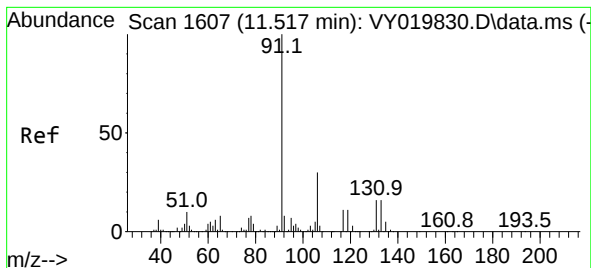
Tgt Ion:112 Resp: 582032
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.007 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion:131 Resp: 197013
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 52.371 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

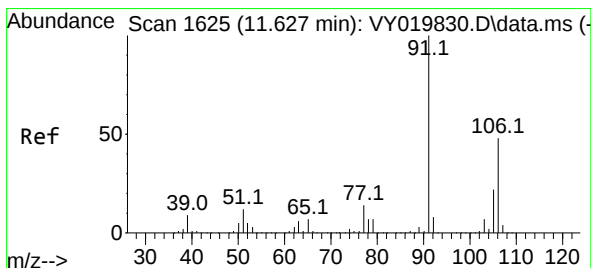
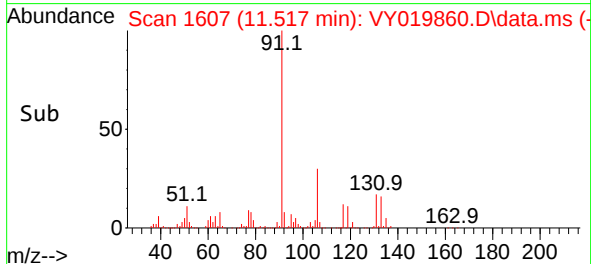
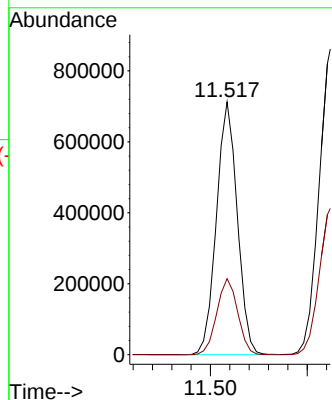
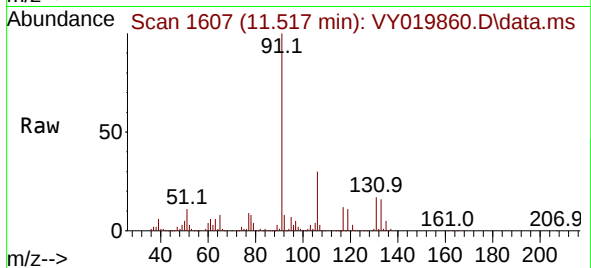
VSTDCCC050EC

Tgt Ion: 91 Resp: 1065184

Ion Ratio Lower Upper

91 100

106 30.1 23.7 35.5



#68

m/p-Xylenes

Concen: 104.401 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019860.D

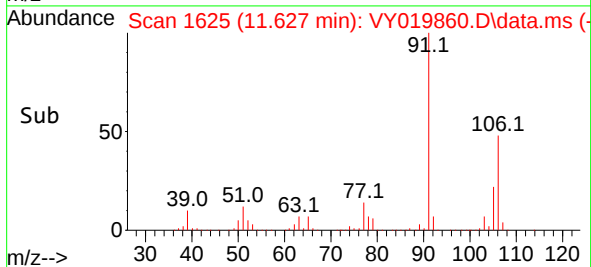
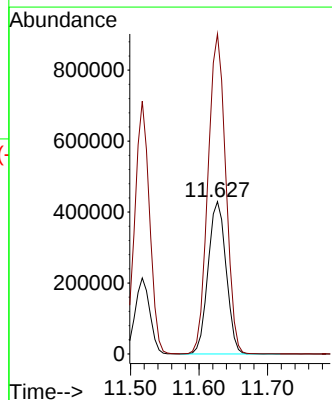
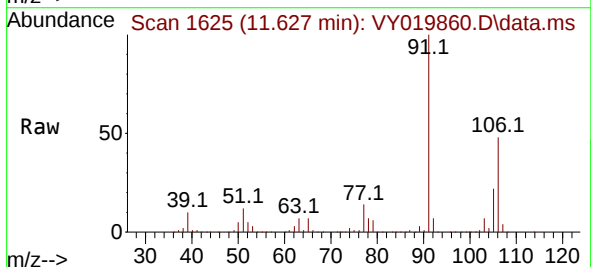
Acq: 10 Oct 2024 17:37

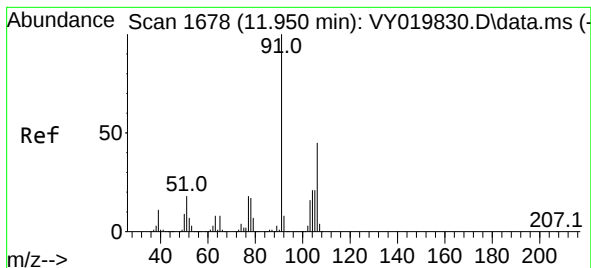
Tgt Ion:106 Resp: 784231

Ion Ratio Lower Upper

106 100

91 206.9 165.7 248.5





#69

o-Xylene

Concen: 51.771 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

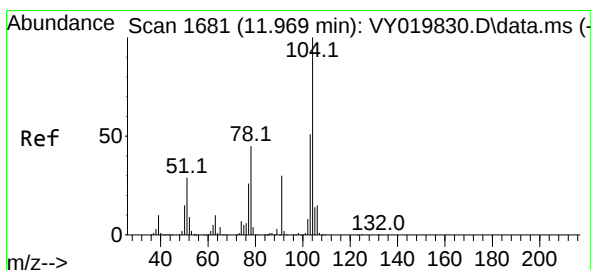
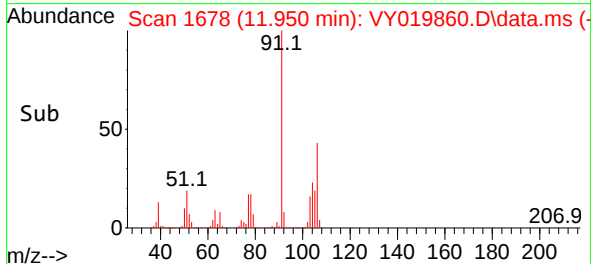
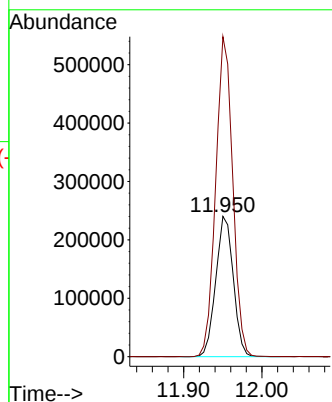
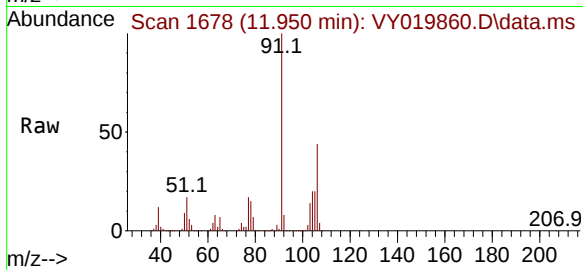
VSTDCCC050EC

Tgt Ion:106 Resp: 373646

Ion Ratio Lower Upper

106 100

91 221.9 109.5 328.4



#70

Styrene

Concen: 52.421 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

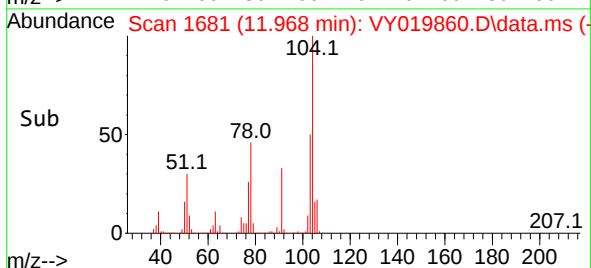
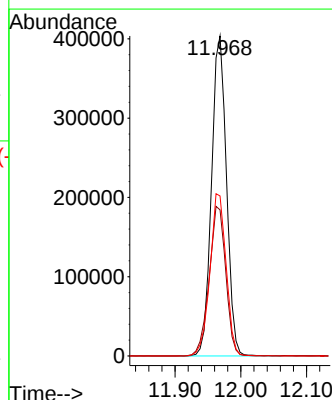
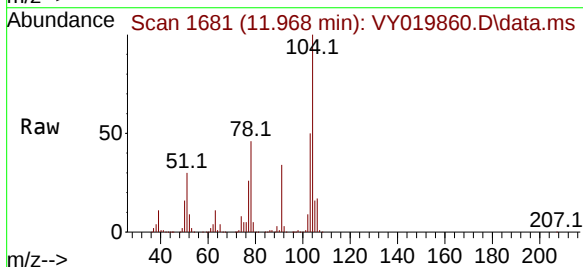
Tgt Ion:104 Resp: 638311

Ion Ratio Lower Upper

104 100

78 51.9 41.9 62.9

103 54.7 43.7 65.5





#71

Bromoform

Concen: 50.222 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

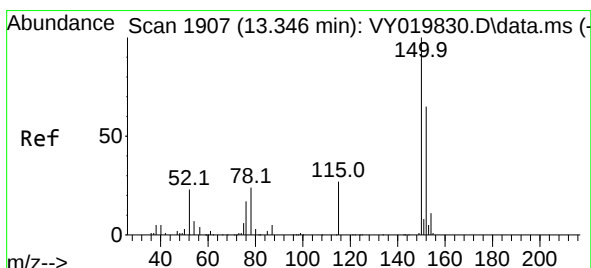
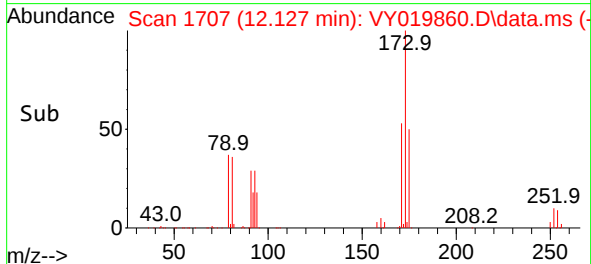
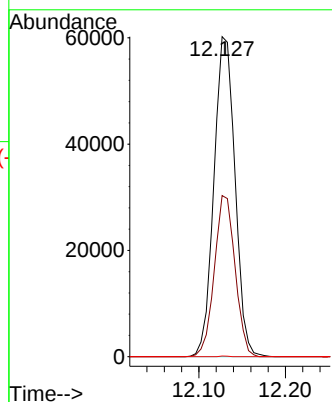
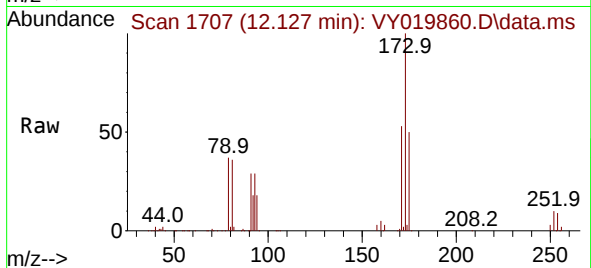
Tgt Ion:173 Resp: 101847

Ion Ratio Lower Upper

173 100

175 49.5 23.6 71.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

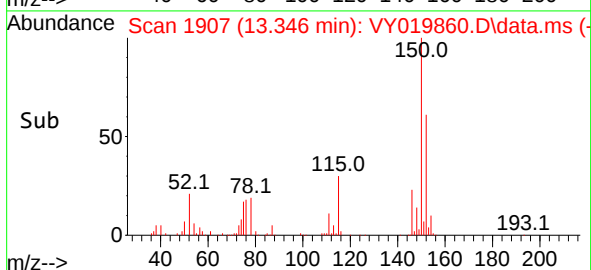
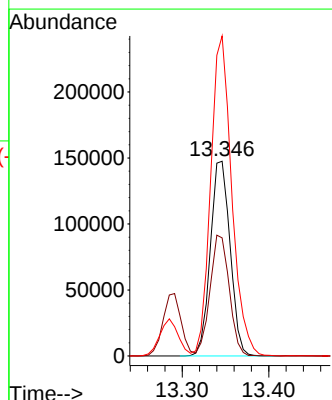
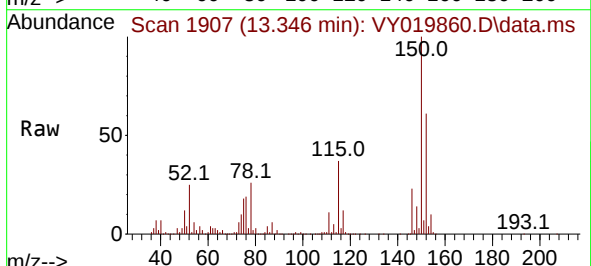
Tgt Ion:152 Resp: 233888

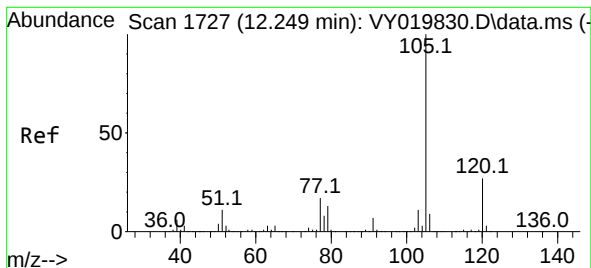
Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.3

150 174.9 0.0 352.8





#73

Isopropylbenzene

Concen: 51.140 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

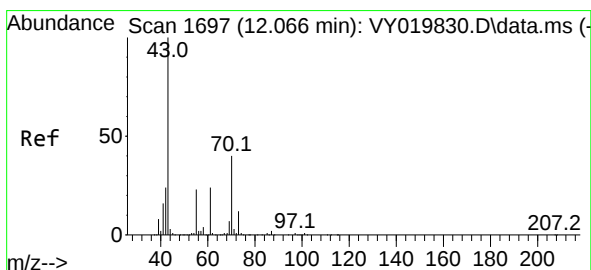
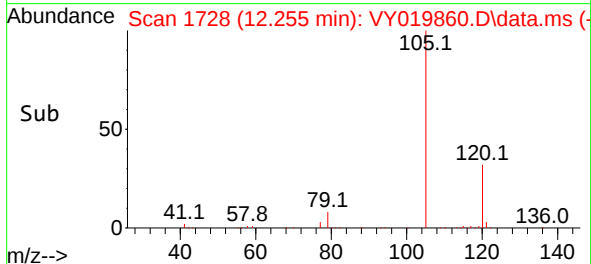
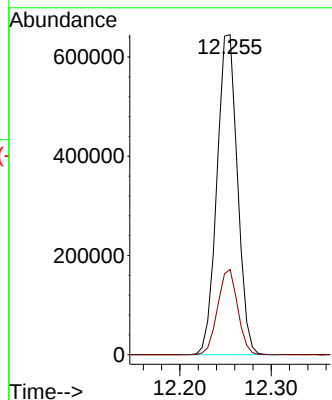
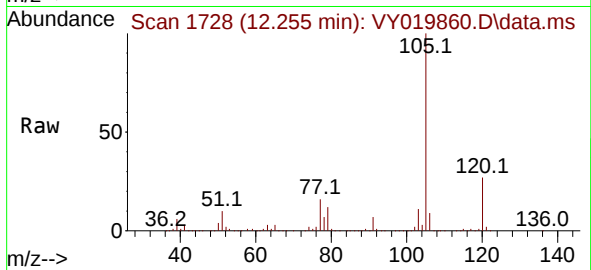
VSTDCCC050EC

Tgt Ion:105 Resp: 1006082

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 51.173 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Tgt Ion: 43 Resp: 266641

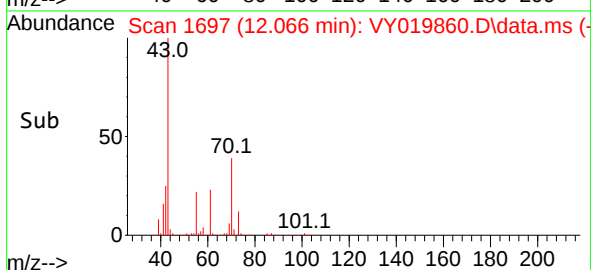
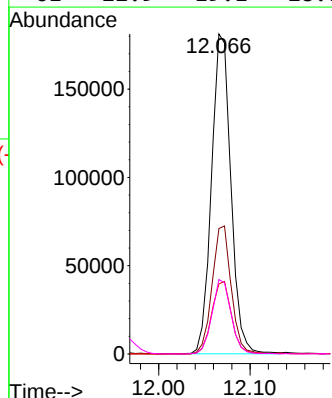
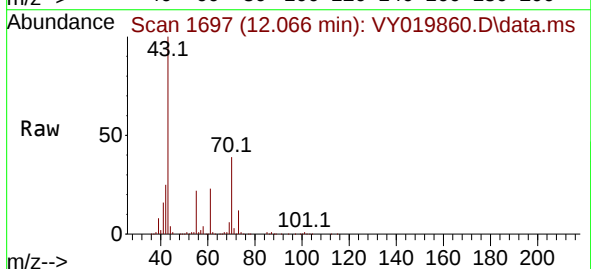
Ion Ratio Lower Upper

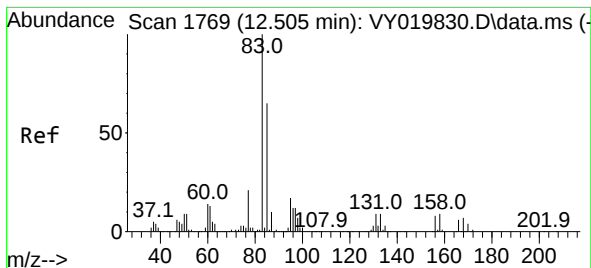
43 100

70 39.4 32.8 49.2

55 23.3 19.3 28.9

61 22.9 19.1 28.7

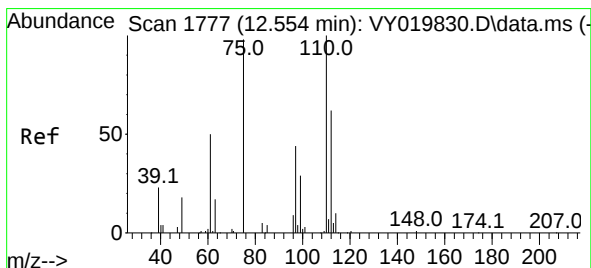
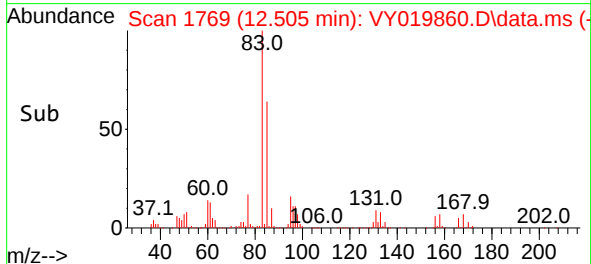
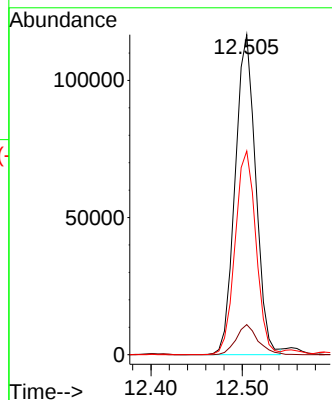
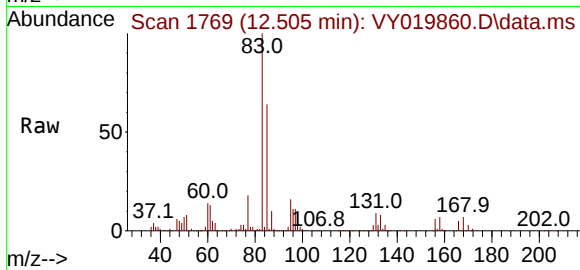




#75
1,1,2-Tetrachloroethane
Concen: 52.161 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

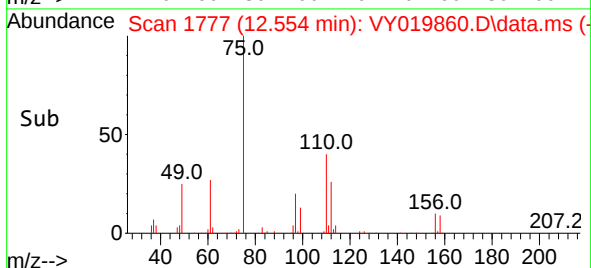
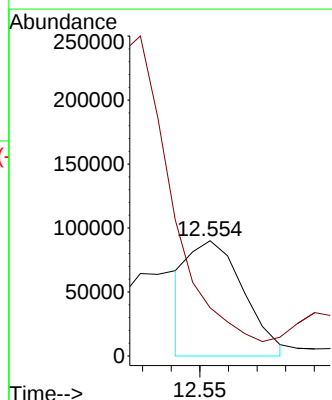
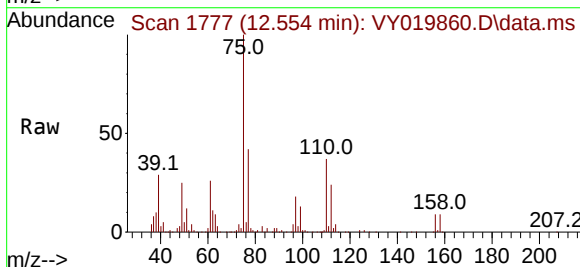
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

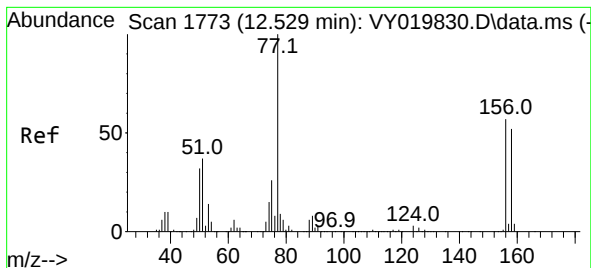
Tgt Ion: 83 Resp: 182339
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.7 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 49.611 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 75 Resp: 120824
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.530 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

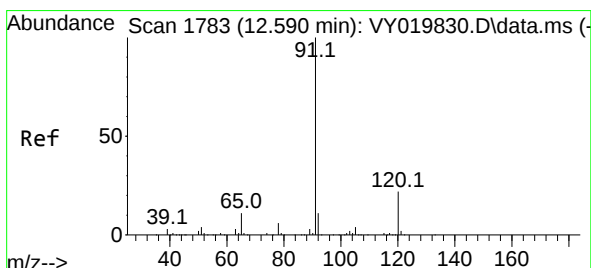
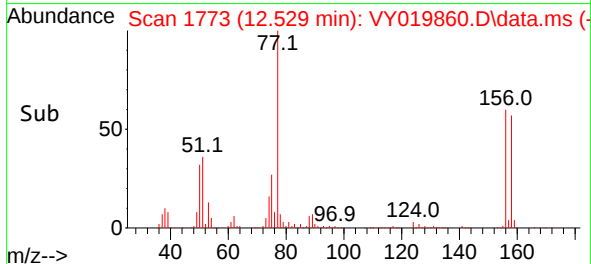
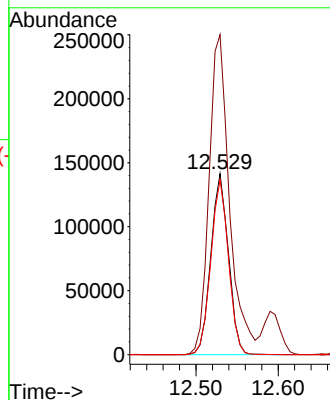
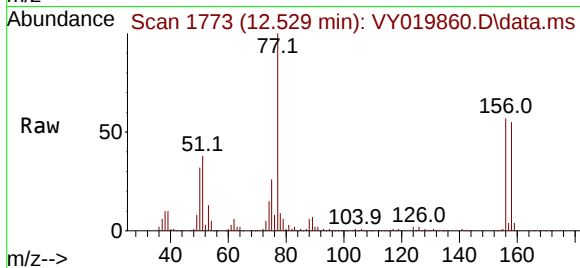
Tgt Ion:156 Resp: 210950

Ion Ratio Lower Upper

156 100

77 204.3 101.3 303.9

158 96.4 47.9 143.6



#78

n-propylbenzene

Concen: 50.926 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY019860.D

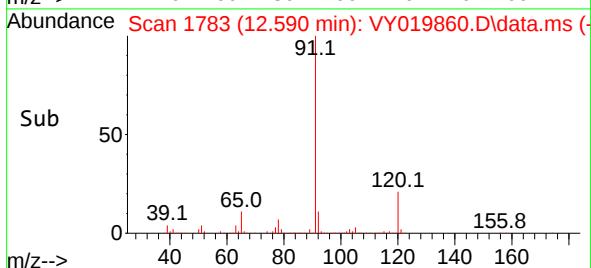
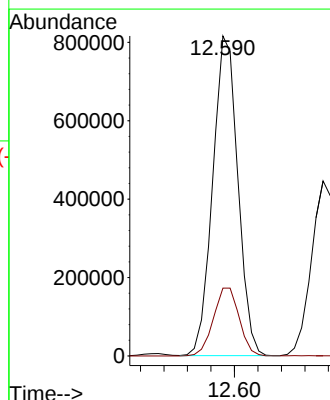
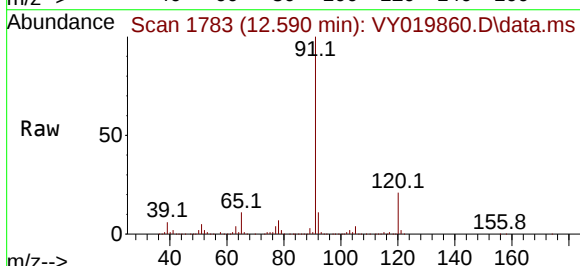
Acq: 10 Oct 2024 17:37

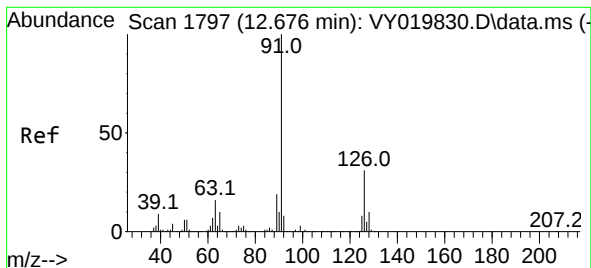
Tgt Ion: 91 Resp: 1210580

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.4

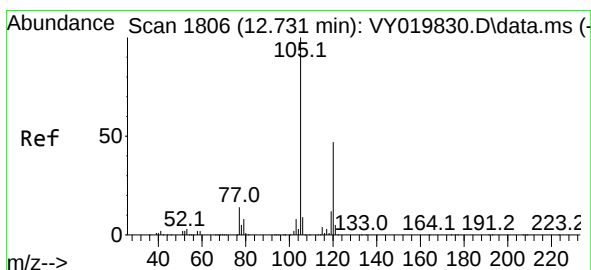
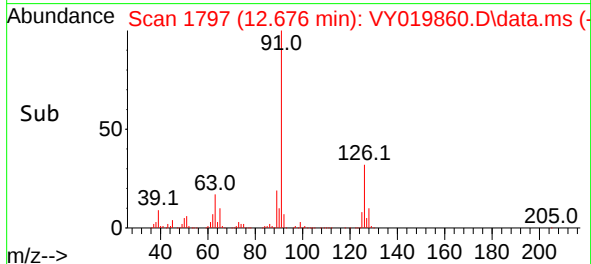
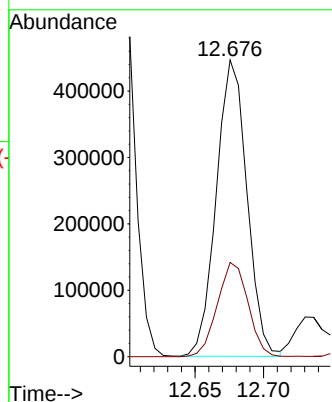
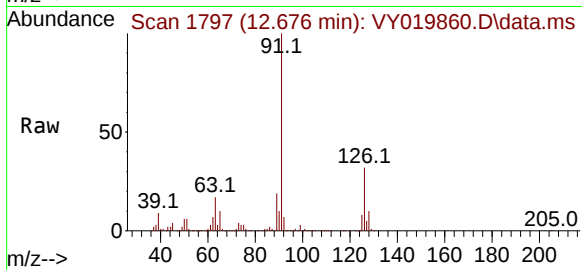




#79
2-Chlorotoluene
Concen: 51.001 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

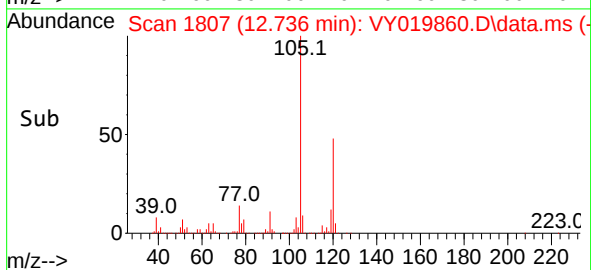
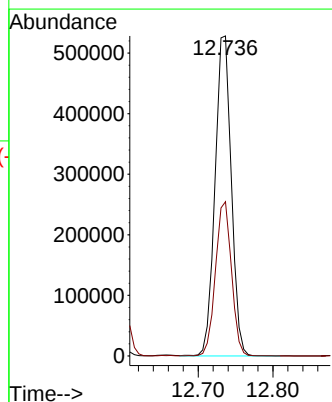
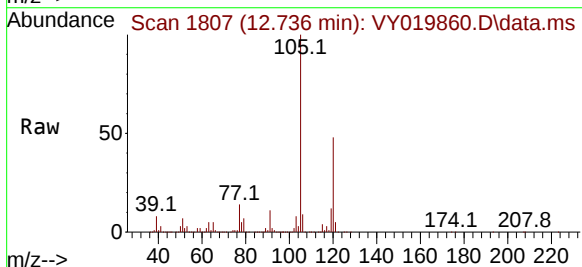
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

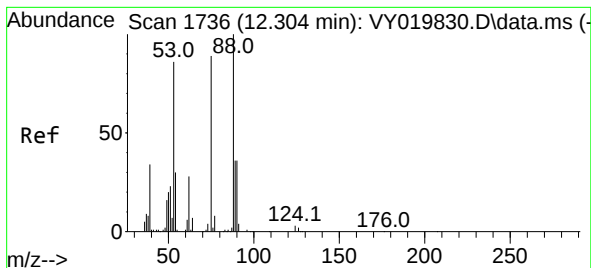
Tgt Ion: 91 Resp: 695041
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 50.283 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion:105 Resp: 798891
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5

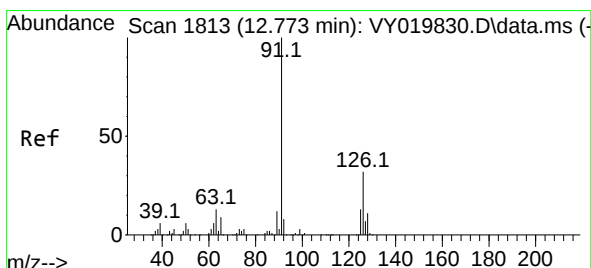
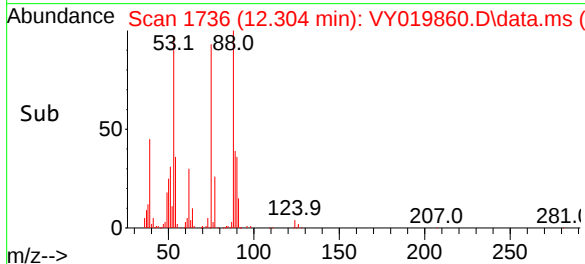
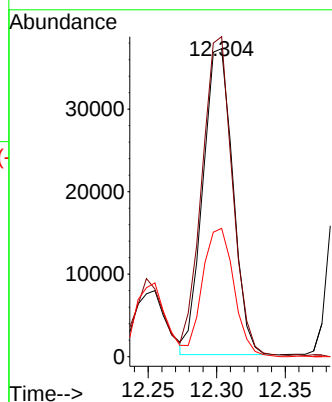
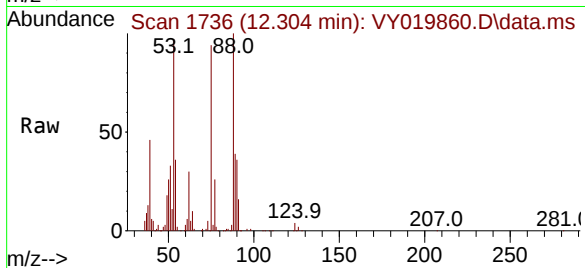




#81
trans-1,4-Dichloro-2-butene
Concen: 49.670 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

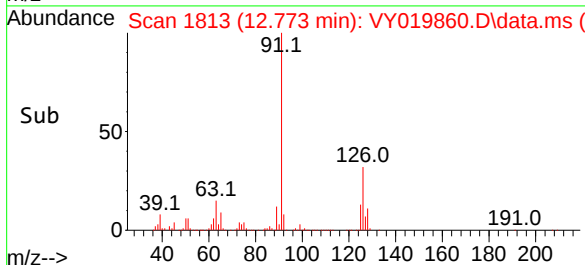
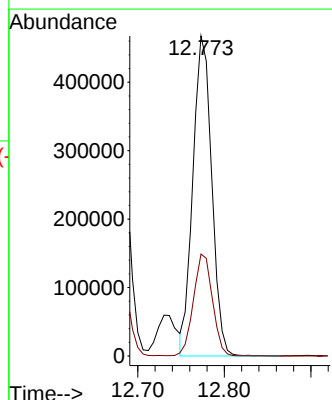
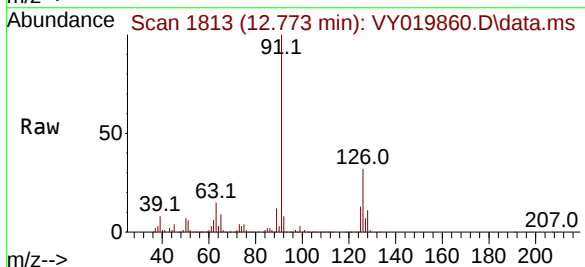
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

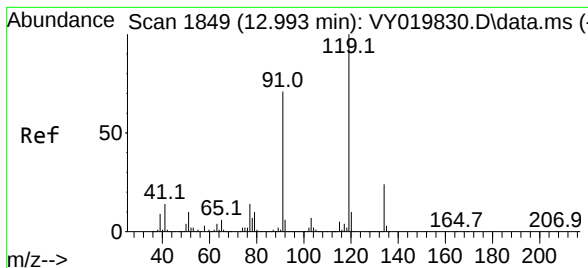
Tgt Ion: 75 Resp: 56382
Ion Ratio Lower Upper
75 100
53 106.3 84.7 127.1
89 43.4 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.636 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 91 Resp: 705590
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3





#83

tert-Butylbenzene

Concen: 50.170 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

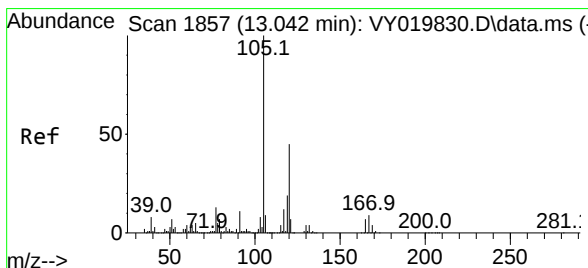
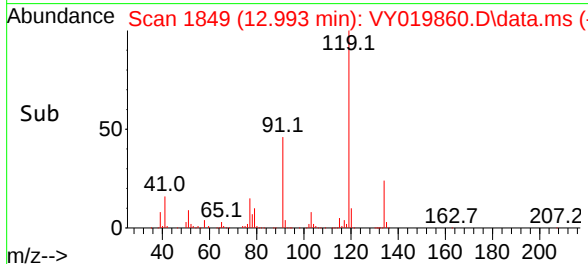
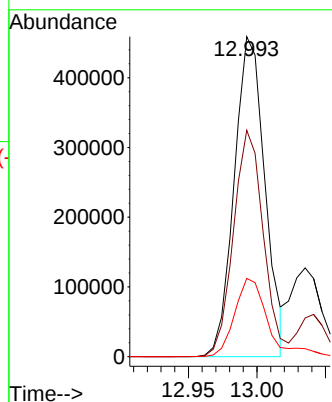
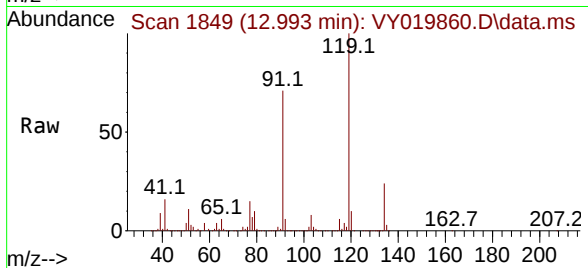
Tgt Ion:119 Resp: 714073

Ion Ratio Lower Upper

119 100

91 69.2 34.6 103.8

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 50.422 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY019860.D

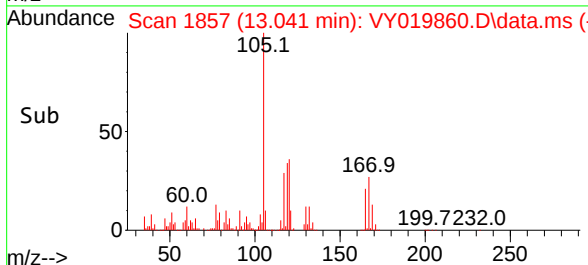
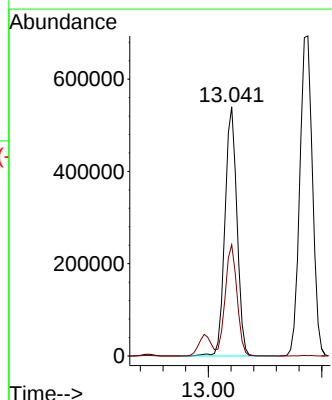
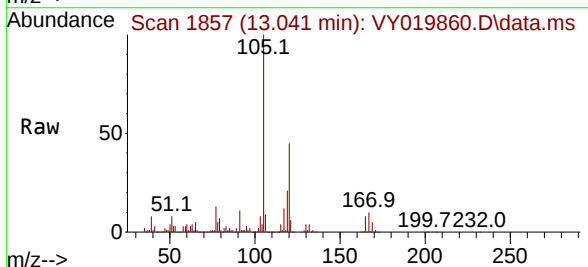
Acq: 10 Oct 2024 17:37

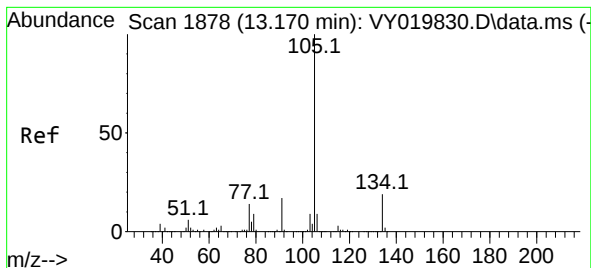
Tgt Ion:105 Resp: 794241

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 50.565 ug/l

RT: 13.175 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

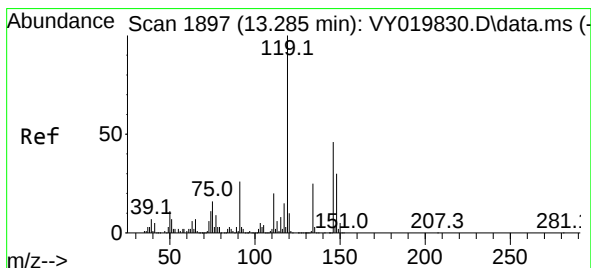
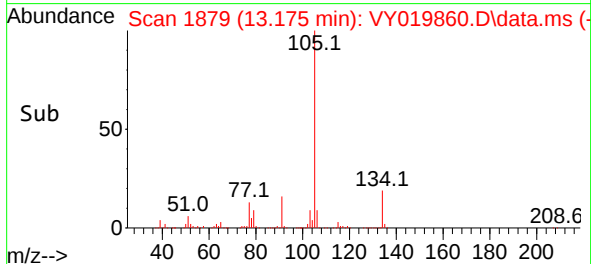
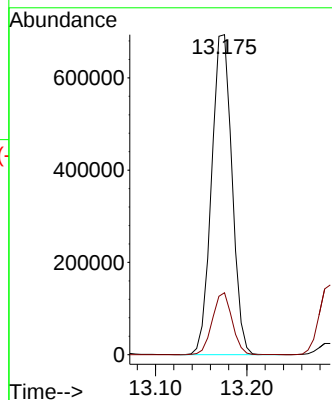
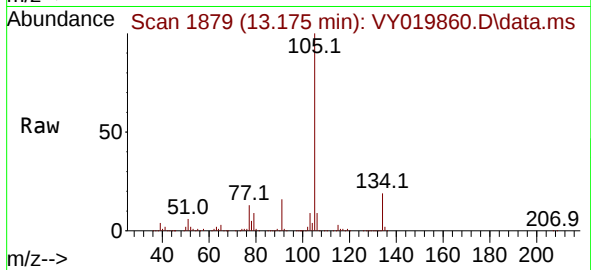
VSTDCCC050EC

Tgt Ion:105 Resp: 1075276

Ion Ratio Lower Upper

105 100

134 18.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.785 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

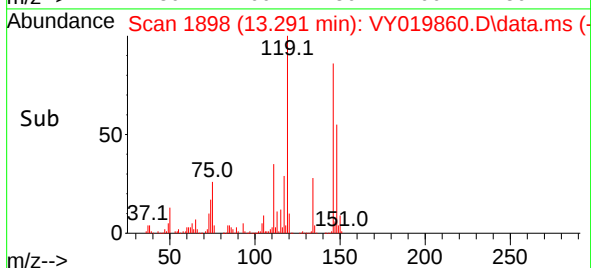
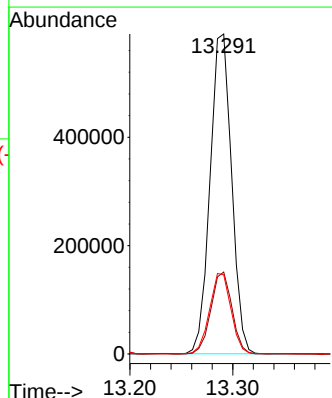
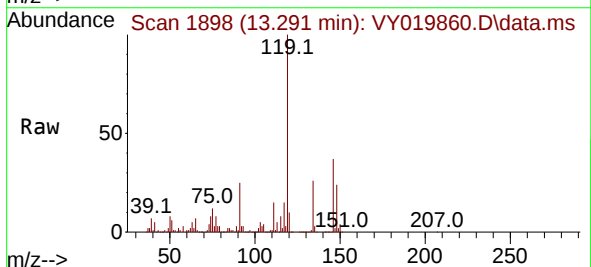
Tgt Ion:119 Resp: 859677

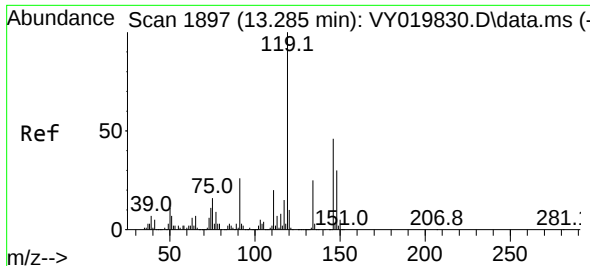
Ion Ratio Lower Upper

119 100

134 25.0 12.8 38.3

91 25.0 12.7 38.0

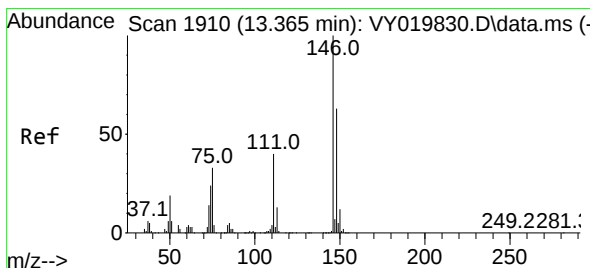
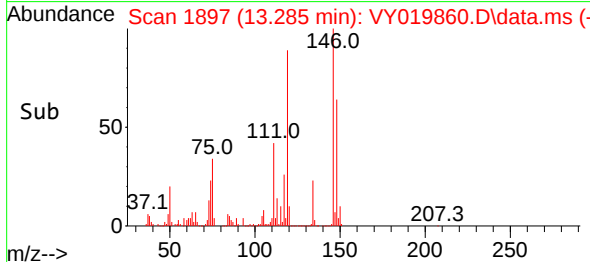
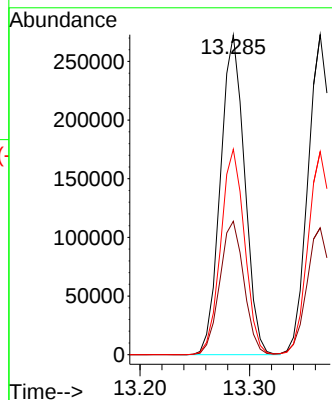
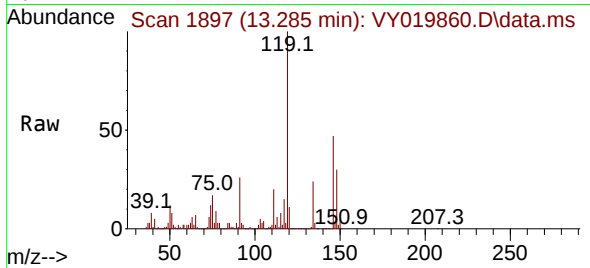




#87
 1,3-Dichlorobenzene
 Concen: 49.597 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

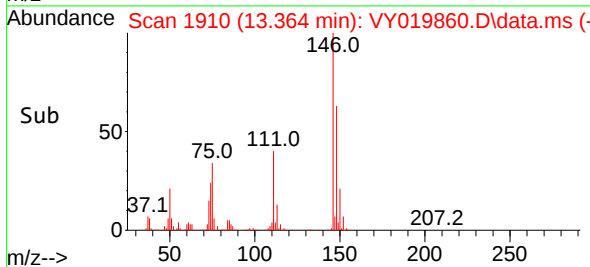
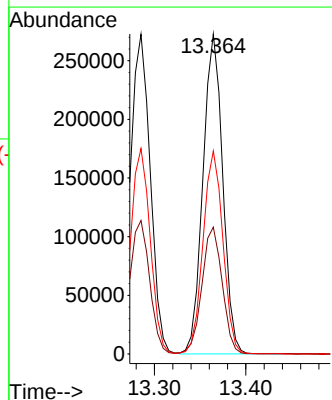
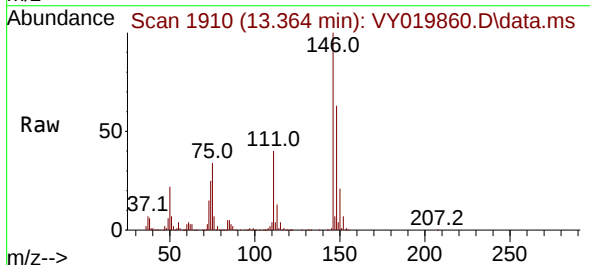
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

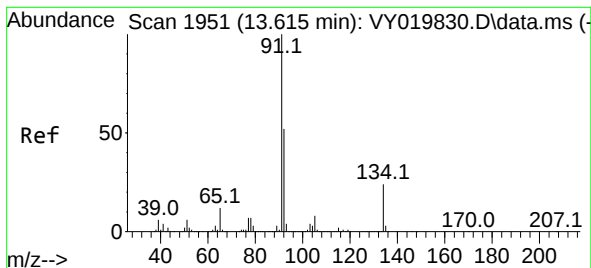
Tgt Ion:146 Resp: 418132
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 63.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.307 ug/l
 RT: 13.364 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

Tgt Ion:146 Resp: 408375
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 63.9 32.0 96.0

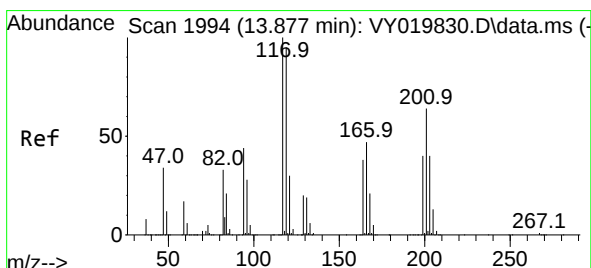
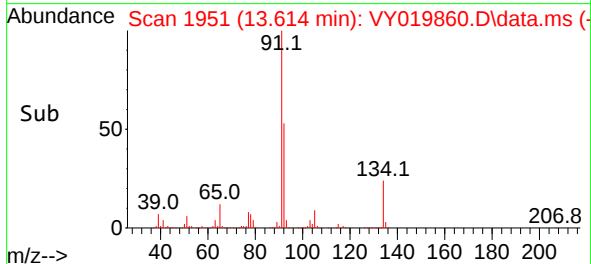
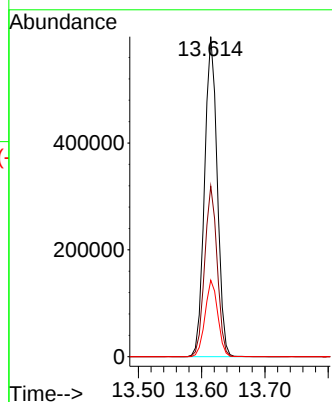
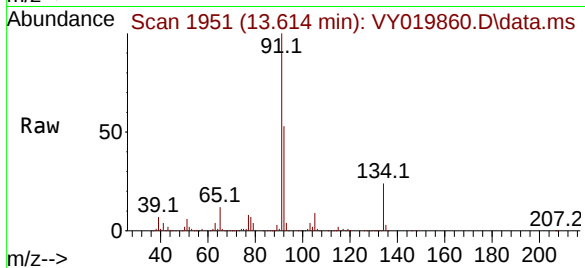




#89
n-Butylbenzene
Concen: 49.731 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

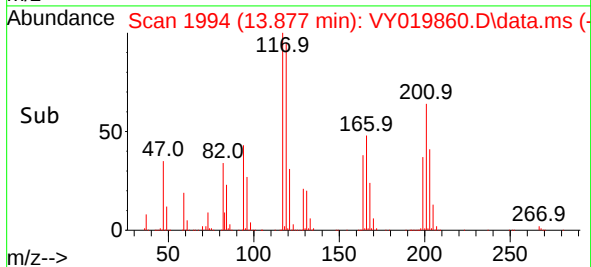
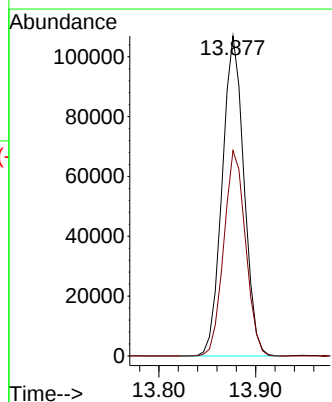
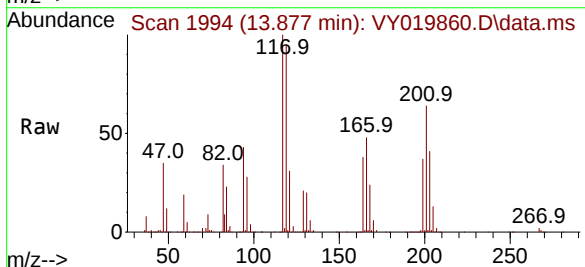
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

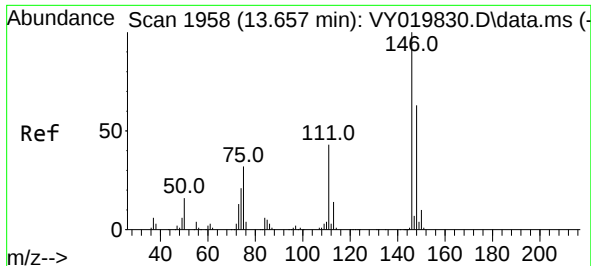
Tgt Ion: 91 Resp: 838532
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.4
134 23.9 12.0 36.1



#90
Hexachloroethane
Concen: 49.570 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY019860.D
Acq: 10 Oct 2024 17:37

Tgt Ion: 117 Resp: 166674
Ion Ratio Lower Upper
117 100
201 64.2 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 49.584 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

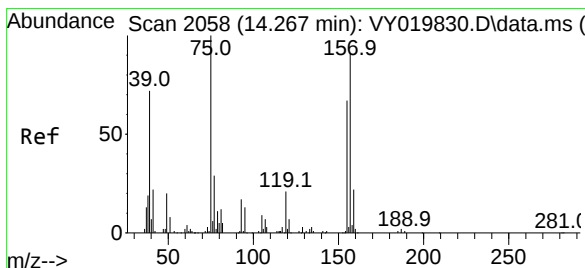
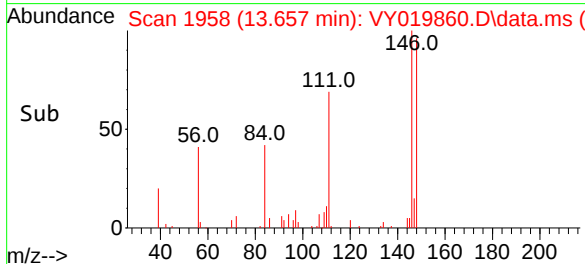
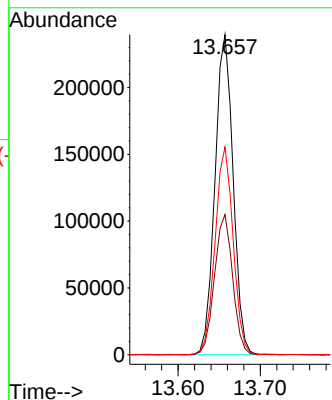
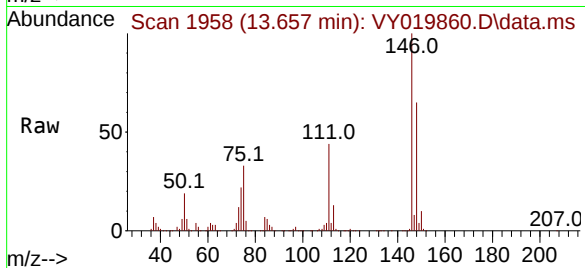
Tgt Ion:146 Resp: 367306

Ion Ratio Lower Upper

146 100

111 43.8 21.8 65.3

148 64.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.906 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

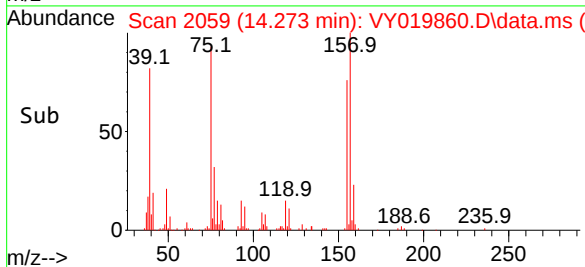
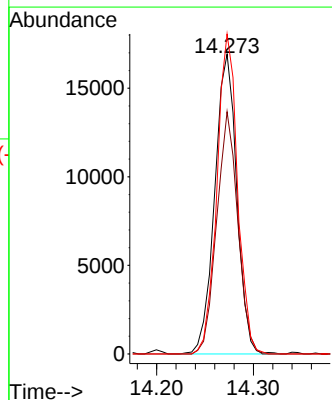
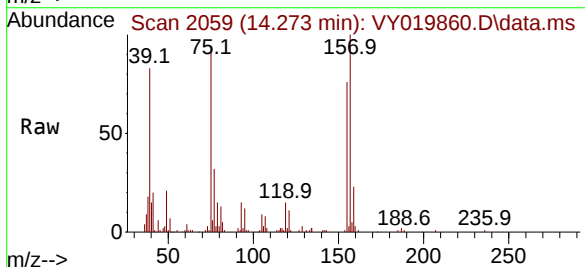
Tgt Ion: 75 Resp: 26726

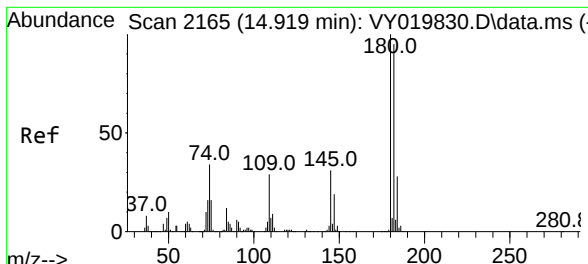
Ion Ratio Lower Upper

75 100

155 77.1 38.5 115.5

157 99.6 49.9 149.7

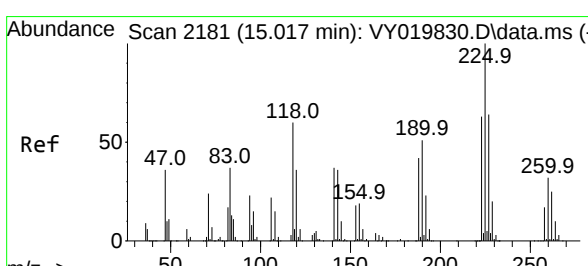
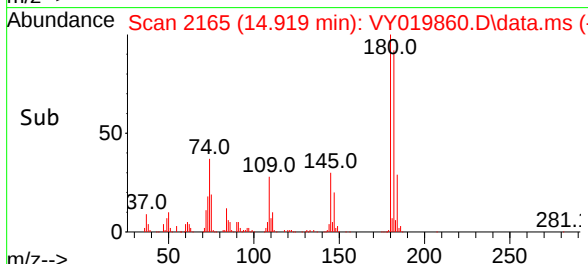
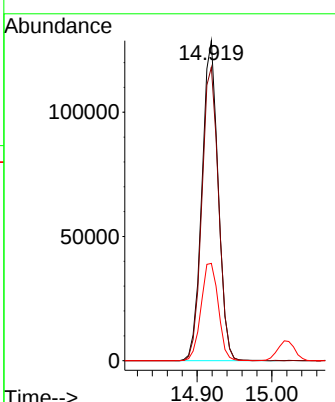
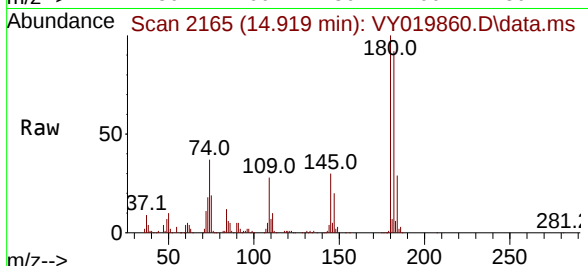




#93
 1,2,4-Trichlorobenzene
 Concen: 46.656 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

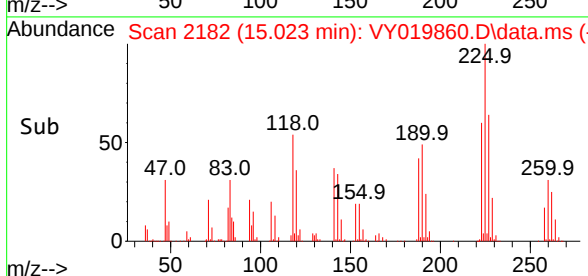
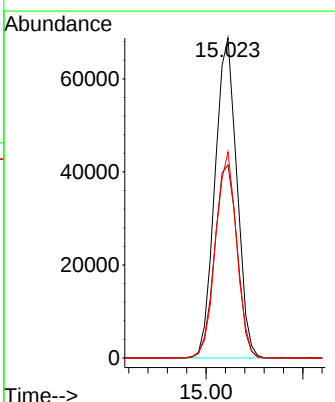
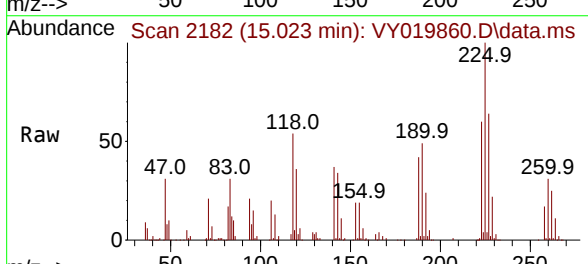
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

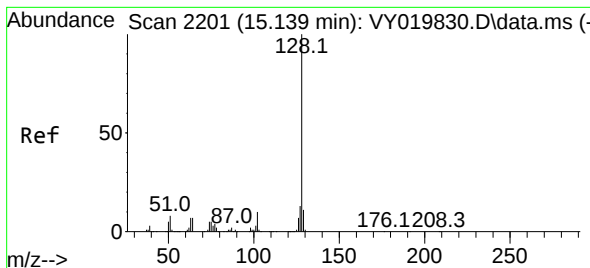
Tgt Ion:	180	Resp:	193796
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.4	142.3
145	32.4	16.1	48.2



#94
 Hexachlorobutadiene
 Concen: 46.756 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY019860.D
 Acq: 10 Oct 2024 17:37

Tgt Ion:	225	Resp:	107974
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.6	94.8
227	62.1	32.3	96.8





#95

Naphthalene

Concen: 49.462 ug/l

RT: 15.138 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

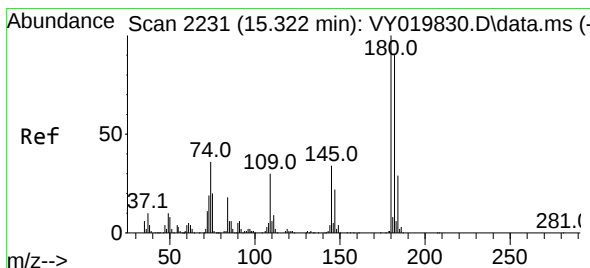
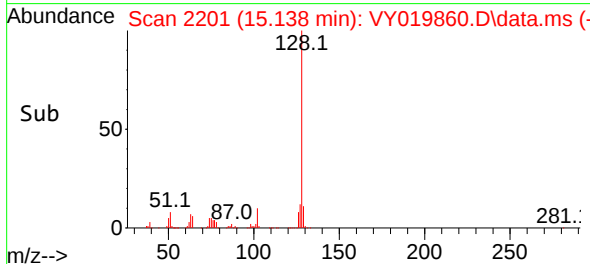
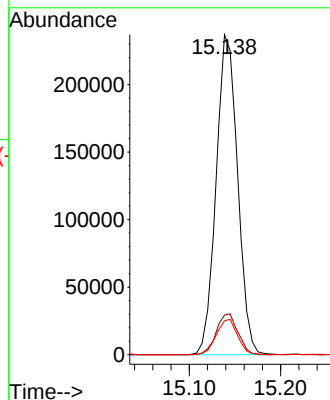
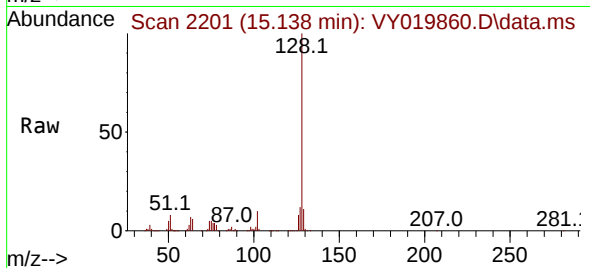
Tgt Ion:128 Resp: 387497

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.606 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019860.D

Acq: 10 Oct 2024 17:37

Tgt Ion:180 Resp: 163647

Ion Ratio Lower Upper

180 100

182 95.5 46.8 140.4

145 34.2 16.9 50.6

