

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020596.D
 Acq On : 12 Dec 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 13 05:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	303755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	264792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	130748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99202	53.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.640	113	98123	51.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.109	98	349293	47.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	12.407	95	128201	50.340	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	86436	49.053	ug/l	100
3) Chloromethane	2.074	50	106468	59.675	ug/l	98
4) Vinyl Chloride	2.214	62	108870	59.850	ug/l	98
5) Bromomethane	2.604	94	65244	61.129	ug/l	95
6) Chloroethane	2.744	64	68874	61.775	ug/l	97
7) Trichlorofluoromethane	3.068	101	175359	51.471	ug/l	100
8) Diethyl Ether	3.464	74	63567	65.852	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	107476	54.141	ug/l	98
10) Methyl Iodide	4.019	142	133341	59.835	ug/l	99
11) Tert butyl alcohol	4.878	59	40542	340.181	ug/l	100
12) 1,1-Dichloroethene	3.799	96	105798	56.418	ug/l	92
13) Acrolein	3.659	56	22886	205.104	ug/l	98
14) Allyl chloride	4.397	41	193143	57.749	ug/l	94
15) Acrylonitrile	5.073	53	140240	348.680	ug/l	99
16) Acetone	3.885	43	113791	249.096	ug/l	98
17) Carbon Disulfide	4.116	76	300550	55.999	ug/l	99
18) Methyl Acetate	4.397	43	74391	76.618	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	315857	65.955	ug/l	99
20) Methylene Chloride	4.628	84	122532	63.055	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	119399	57.325	ug/l	94
22) Diisopropyl ether	6.030	45	429416	64.567	ug/l	98
23) Vinyl Acetate	5.970	43	1060838	301.565	ug/l	99
24) 1,1-Dichloroethane	5.927	63	241707	60.367	ug/l	100
25) 2-Butanone	6.902	43	176734	306.383	ug/l	98
26) 2,2-Dichloropropane	6.896	77	151981	40.131	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	147858	60.795	ug/l	94
28) Bromochloromethane	7.256	49	84407	56.451	ug/l	95
29) Tetrahydrofuran	7.268	42	115781	351.832	ug/l	99
30) Chloroform	7.427	83	246679	60.029	ug/l	97
31) Cyclohexane	7.707	56	184529	50.978	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	210748	53.261	ug/l	97
36) 1,1-Dichloropropene	7.847	75	162919	50.450	ug/l	100
37) Ethyl Acetate	6.994	43	80165	62.660	ug/l	98
38) Carbon Tetrachloride	7.823	117	184338	47.828	ug/l	99
39) Methylcyclohexane	9.115	83	199024	49.667	ug/l	98
40) Benzene	8.085	78	518520	54.459	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	46811	64.364	ug/l	96
42) 1,2-Dichloroethane	8.164	62	144618	57.805	ug/l	100
43) Isopropyl Acetate	8.201	43	167251	64.740	ug/l	98
44) Trichloroethene	8.871	130	128288	54.656	ug/l	97
45) 1,2-Dichloropropane	9.146	63	128718	57.772	ug/l	98
46) Dibromomethane	9.237	93	67204	60.920	ug/l	97
47) Bromodichloromethane	9.426	83	186989	57.532	ug/l	99
48) Methyl methacrylate	9.225	41	74555	61.888	ug/l	94
49) 1,4-Dioxane	9.237	88	14863	1409.540	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	413929	324.443	ug/l	99
52) Toluene	10.176	92	321925	54.192	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	160589	55.035	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	191091	55.413	ug/l	94
55) 1,1,2-Trichloroethane	10.578	97	88936	60.436	ug/l	99
56) Ethyl methacrylate	10.444	69	134869	64.773	ug/l	94
57) 1,3-Dichloropropane	10.725	76	160742	61.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	291858	299.375	ug/l	98
59) 2-Hexanone	10.761	43	276882	300.833	ug/l	96
60) Dibromochloromethane	10.914	129	123359	60.211	ug/l	99
61) 1,2-Dibromoethane	11.017	107	82930	61.625	ug/l	98
64) Tetrachloroethene	10.652	164	157584	70.431	ug/l	97
65) Chlorobenzene	11.444	112	349478	52.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	126963	53.939	ug/l	99
67) Ethyl Benzene	11.523	91	628187	50.494	ug/l	99
68) m/p-Xylenes	11.633	106	460730	101.138	ug/l	100
69) o-Xylene	11.956	106	225613	52.865	ug/l	99
70) Styrene	11.975	104	383883	53.915	ug/l	100
71) Bromoform	12.139	173	71049	59.369	ug/l #	100
73) Isopropylbenzene	12.261	105	585277	46.265	ug/l	99
74) N-amyl acetate	12.072	43	153875	62.059	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	99332	54.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	131281	98.566	ug/l #	100
77) Bromobenzene	12.535	156	134074	51.177	ug/l	97
78) n-propylbenzene	12.596	91	701067	46.807	ug/l	99
79) 2-Chlorotoluene	12.682	91	413288	48.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	482039	47.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	30487	46.966	ug/l	93
82) 4-Chlorotoluene	12.779	91	418133	48.481	ug/l	99
83) tert-Butylbenzene	12.999	119	436559	47.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	482272	48.944	ug/l	99
85) sec-Butylbenzene	13.182	105	617856	47.037	ug/l	100
86) p-Isopropyltoluene	13.297	119	519530	47.862	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	260120	51.484	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	253565	51.265	ug/l	100
89) n-Butylbenzene	13.621	91	483704	48.047	ug/l	98
90) Hexachloroethane	13.883	117	106773	50.474	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	230327	53.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16454	59.743	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	141570	58.760	ug/l	99
94) Hexachlorobutadiene	15.029	225	89459	53.076	ug/l	99
95) Naphthalene	15.151	128	264003	67.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	122662	63.096	ug/l	99

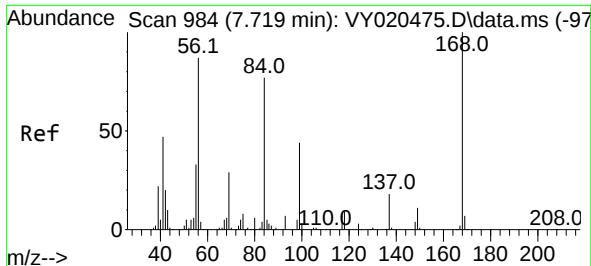
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
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Response via : Initial Calibration

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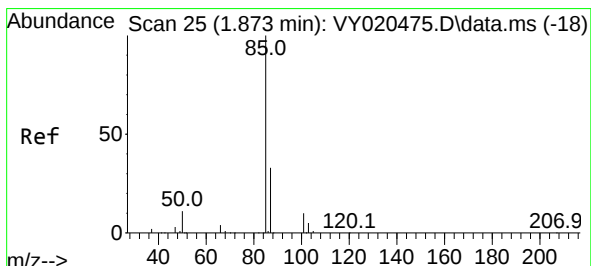
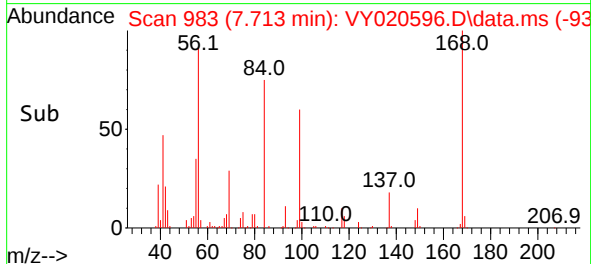
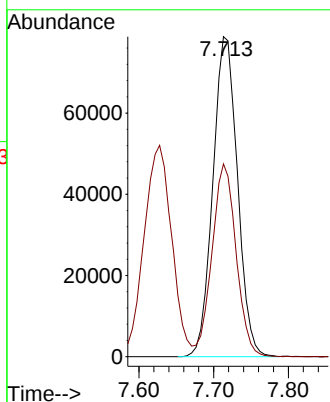
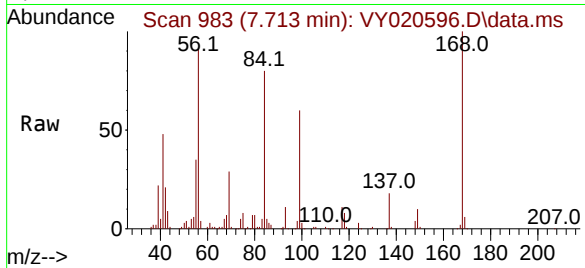
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

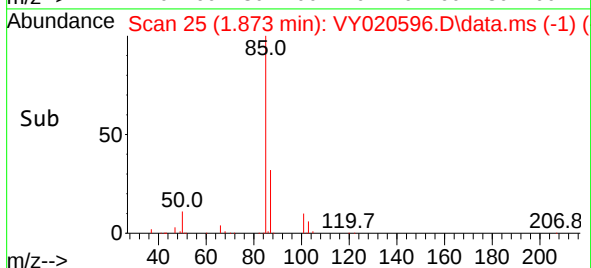
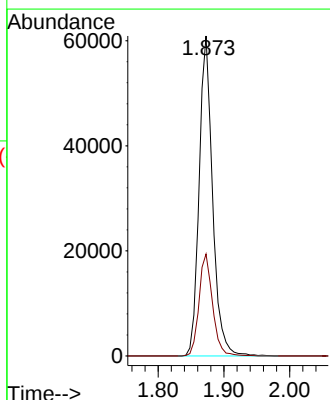
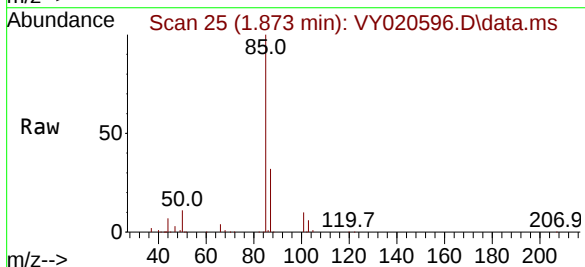
Instrument :
MSVOA_Y
ClientSampleId :

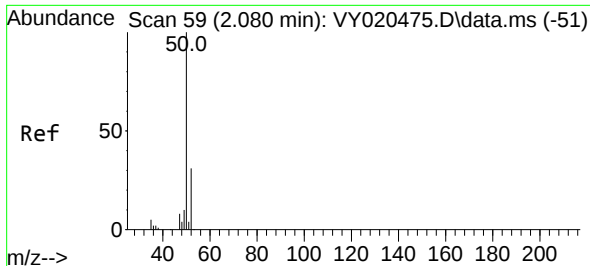
Tgt Ion:168 Resp: 180646
Ion Ratio Lower Upper
168 100
99 60.1 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 49.053 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

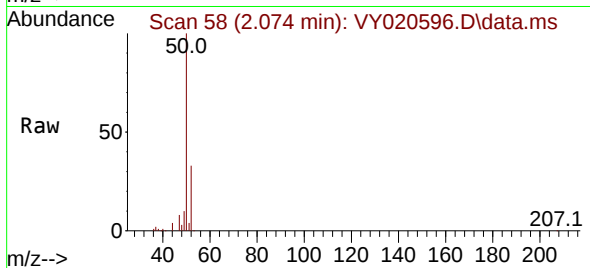
Tgt Ion: 85 Resp: 86436
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2



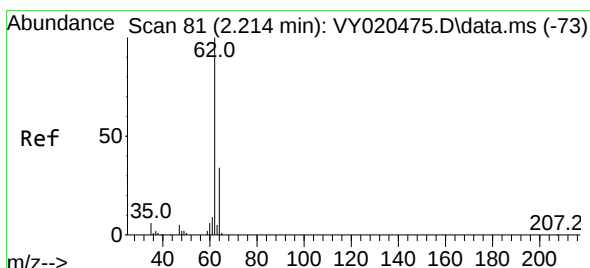
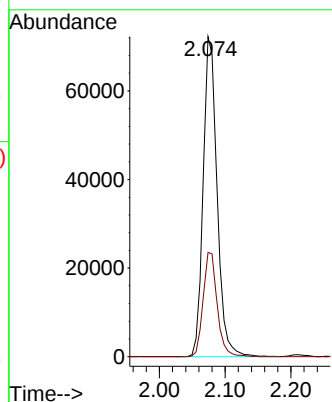
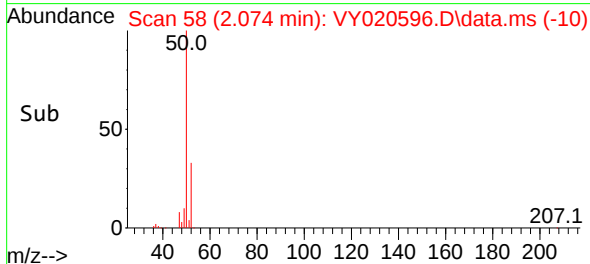


#3
Chloromethane
Concen: 59.675 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

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ClientSampleId :

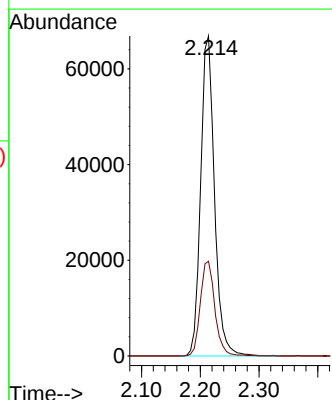
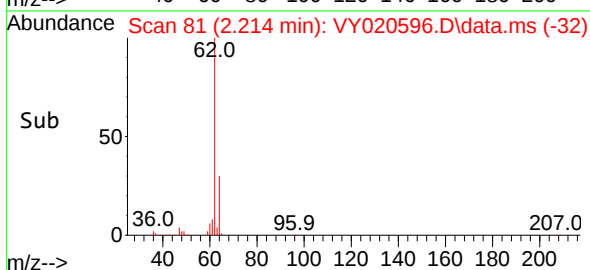
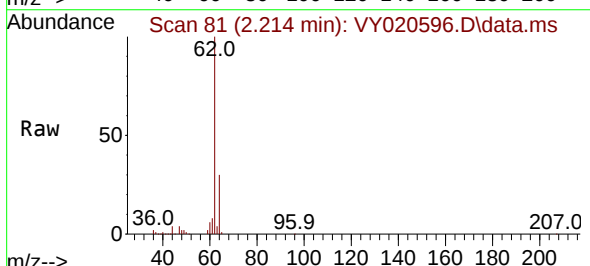


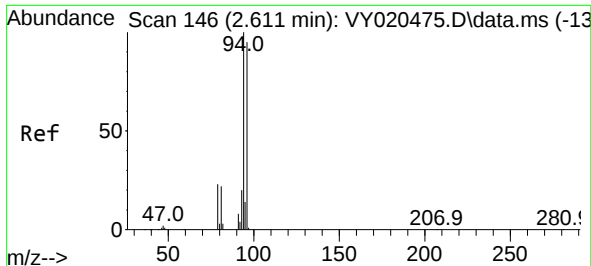
Tgt Ion: 50 Resp: 106468
Ion Ratio Lower Upper
50 100
52 32.6 26.9 40.3



#4
Vinyl Chloride
Concen: 59.850 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 62 Resp: 108870
Ion Ratio Lower Upper
62 100
64 29.6 24.7 37.1

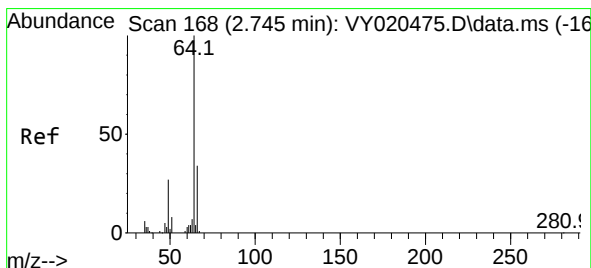
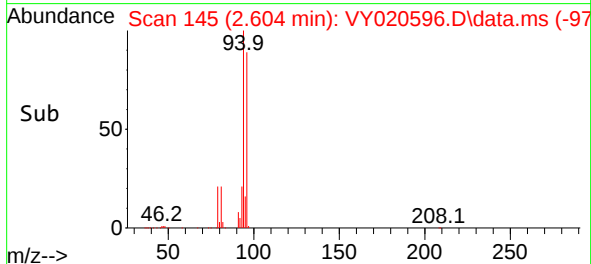
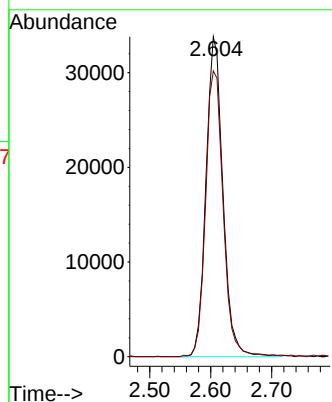
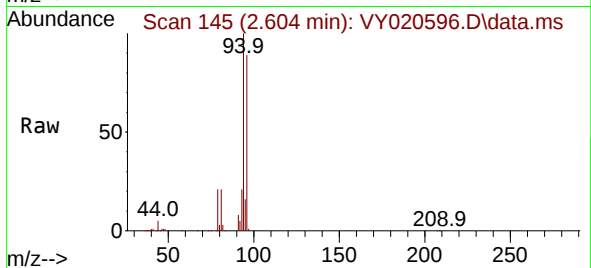




#5
Bromomethane
Concen: 61.129 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

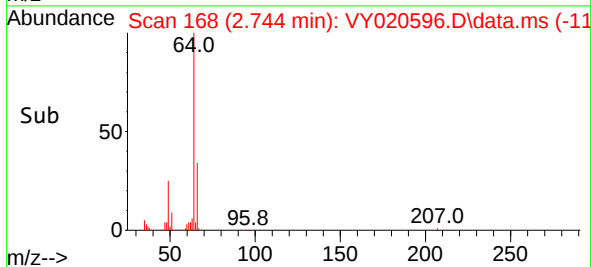
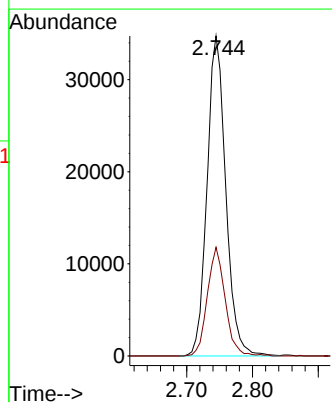
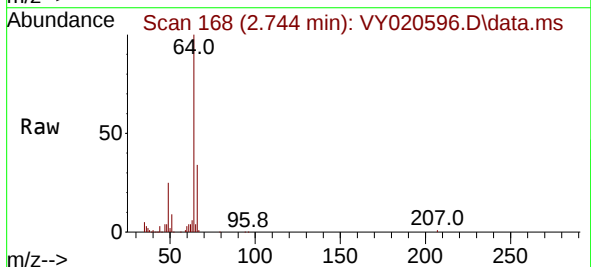
Instrument :
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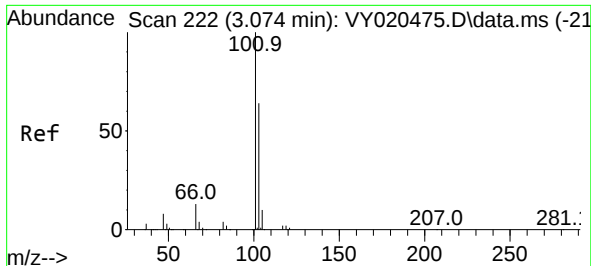
Tgt Ion: 94 Resp: 65244
Ion Ratio Lower Upper
94 100
96 89.3 75.4 113.2



#6
Chloroethane
Concen: 61.775 ug/l
RT: 2.744 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

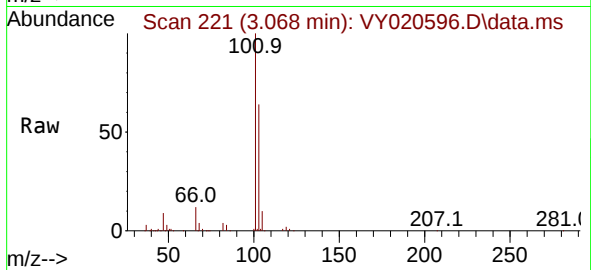
Tgt Ion: 64 Resp: 68874
Ion Ratio Lower Upper
64 100
66 33.9 25.7 38.5



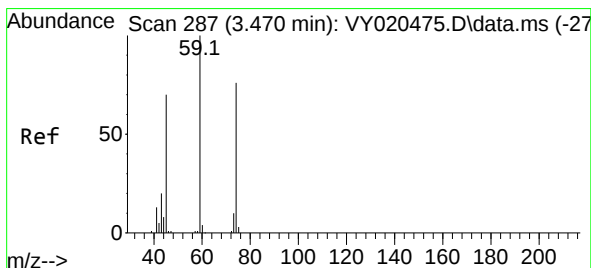
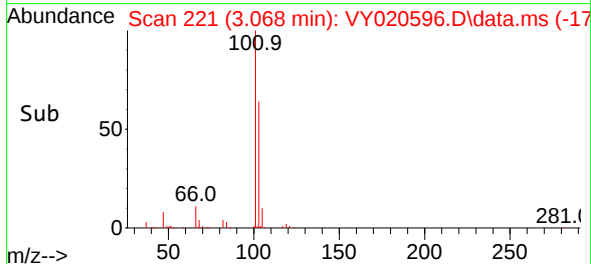
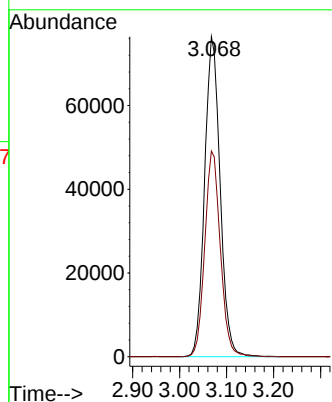


#7
Trichlorofluoromethane
Concen: 51.471 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

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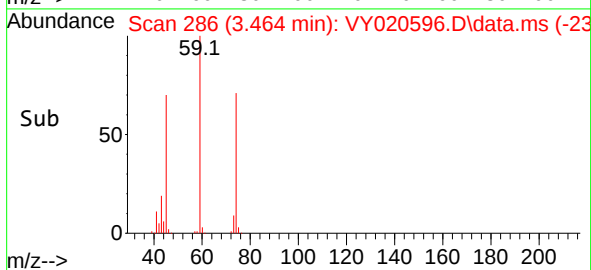
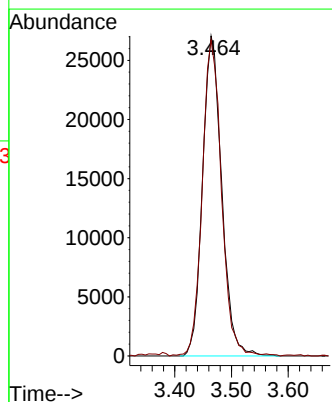
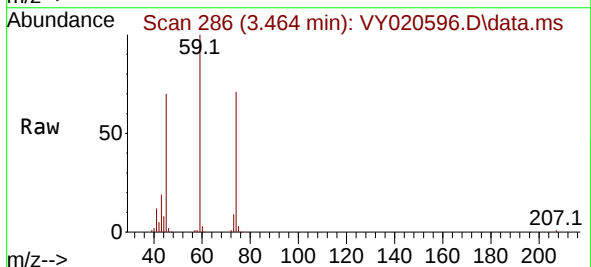


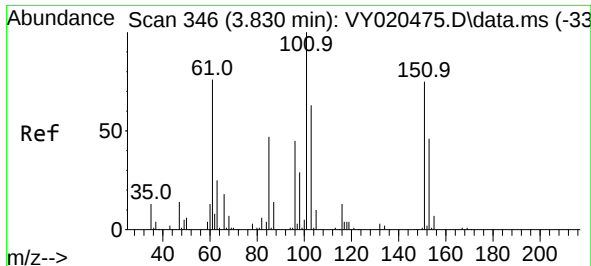
Tgt Ion:101 Resp: 175359
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3



#8
Diethyl Ether
Concen: 65.852 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 74 Resp: 63567
Ion Ratio Lower Upper
74 100
45 97.8 53.6 160.8

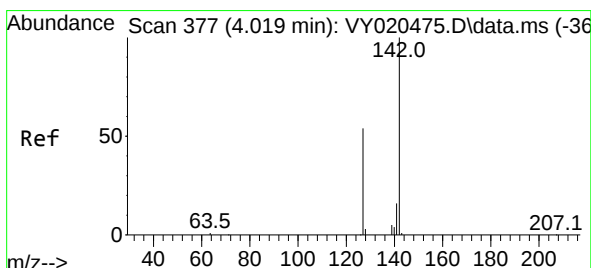
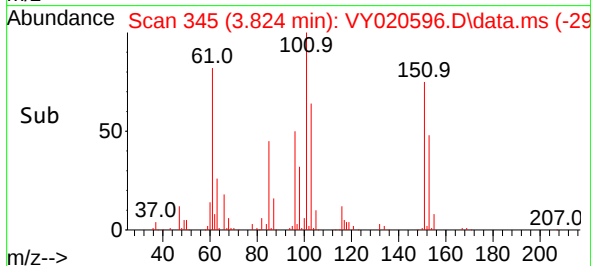
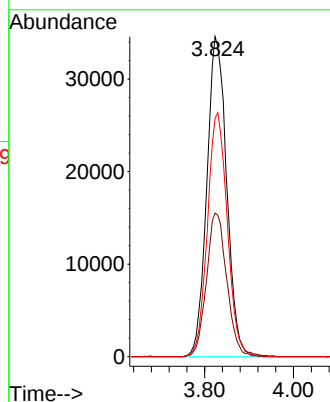
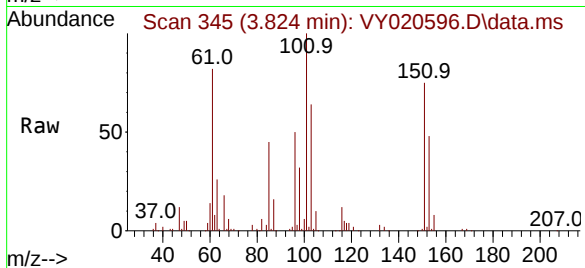




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.141 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

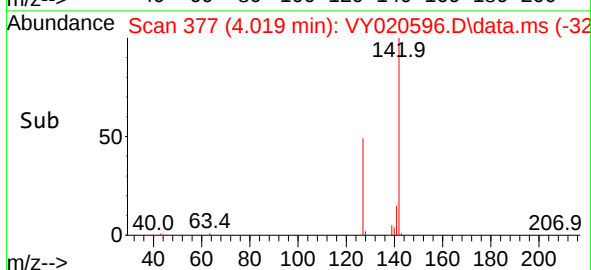
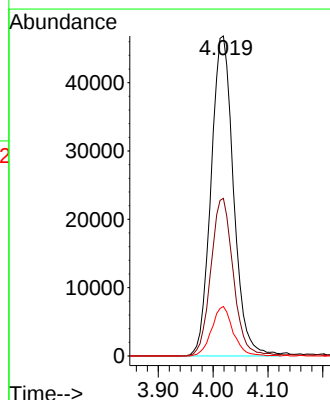
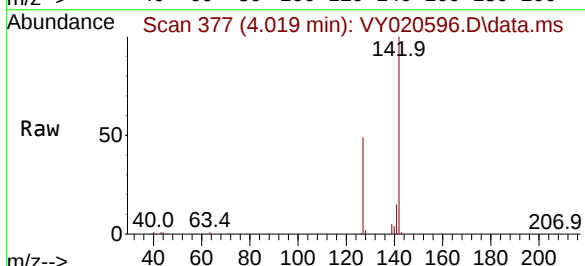
Instrument :
MSVOA_Y
ClientSampleId :

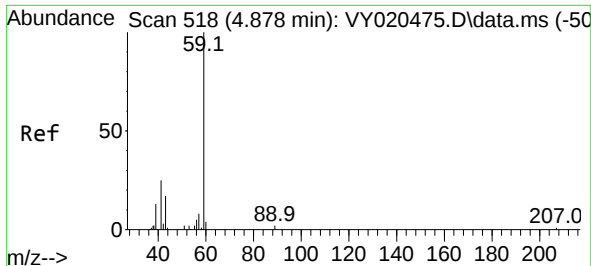
Tgt Ion:101 Resp: 107476
Ion Ratio Lower Upper
101 100
85 45.7 38.0 57.0
151 76.2 59.6 89.4



#10
Methyl Iodide
Concen: 59.835 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

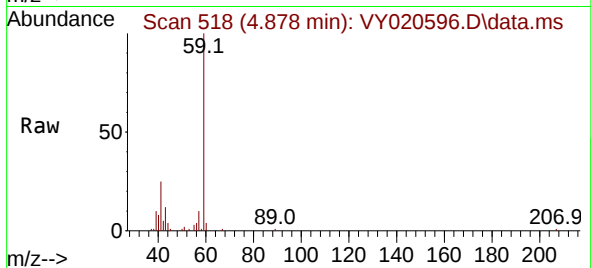
Tgt Ion:142 Resp: 133341
Ion Ratio Lower Upper
142 100
127 49.2 38.9 58.3
141 14.7 11.7 17.5



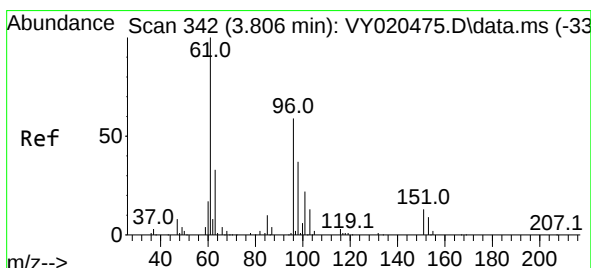
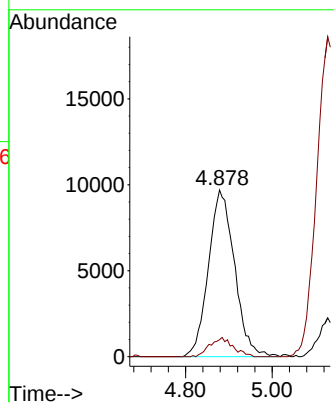
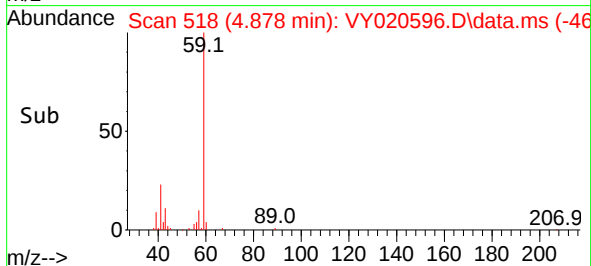


#11
Tert butyl alcohol
Concen: 340.181 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

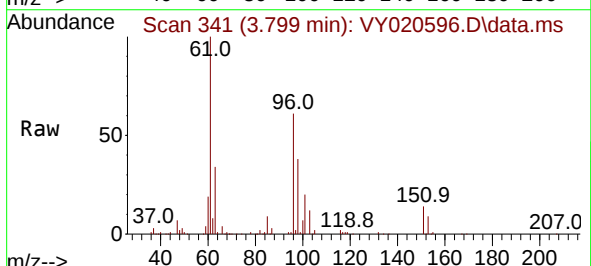
Instrument :
MSVOA_Y
ClientSampleId :



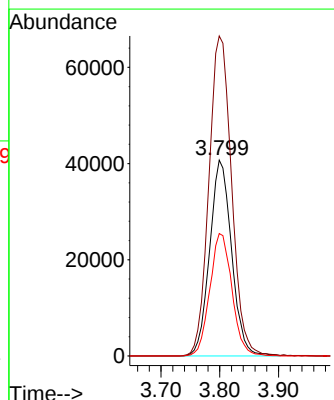
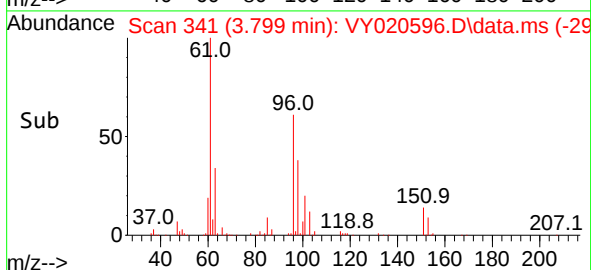
Tgt Ion: 59 Resp: 40542
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

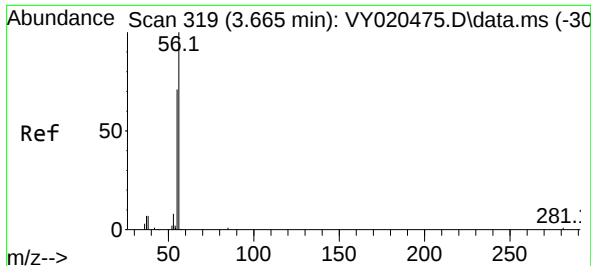


#12
1,1-Dichloroethene
Concen: 56.418 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08



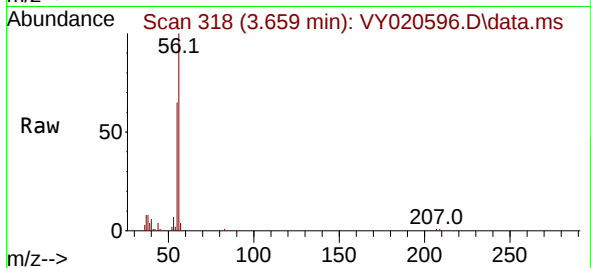
Tgt Ion: 96 Resp: 105798
Ion Ratio Lower Upper
96 100
61 163.4 143.3 214.9
98 62.5 49.8 74.8



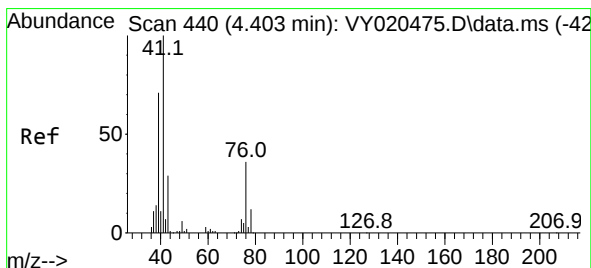
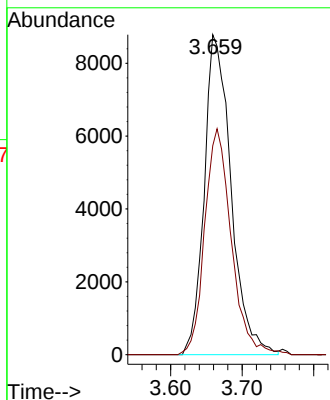
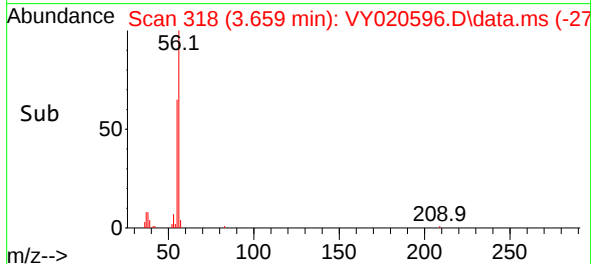


#13
Acrolein
Concen: 205.104 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

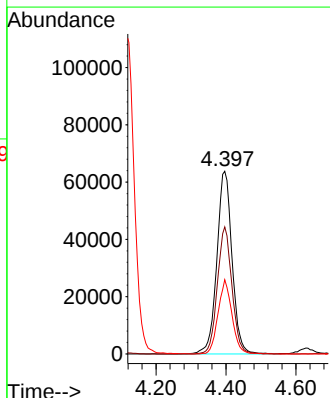
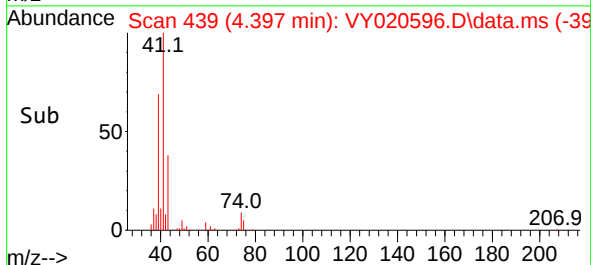
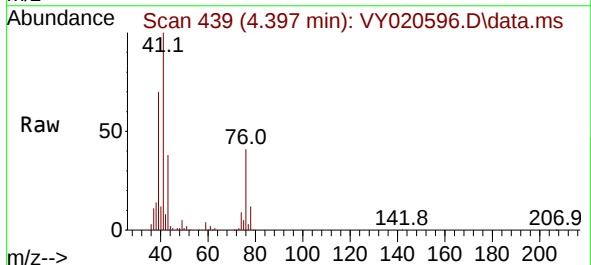


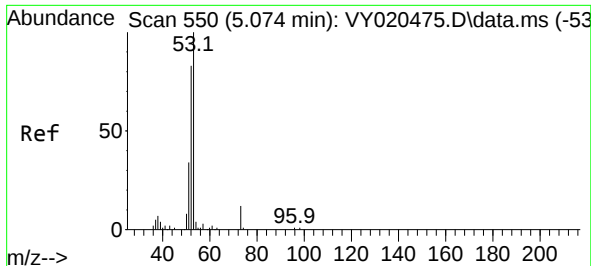
Tgt Ion: 56 Resp: 22886
Ion Ratio Lower Upper
56 100
55 70.0 57.7 86.5



#14
Allyl chloride
Concen: 57.749 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 41 Resp: 193143
Ion Ratio Lower Upper
41 100
39 66.6 58.8 88.2
76 36.8 29.7 44.5





#15

Acrylonitrile

Concen: 348.680 ug/l

RT: 5.073 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

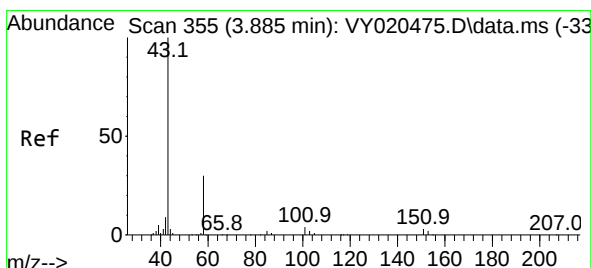
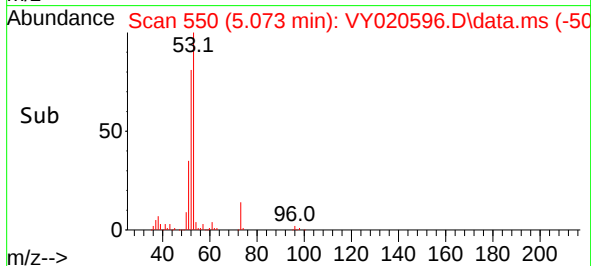
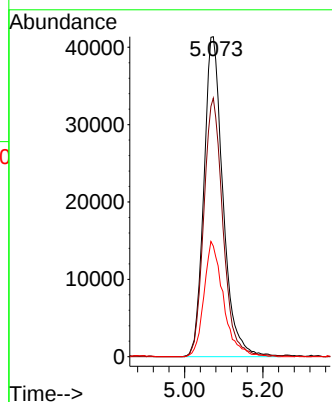
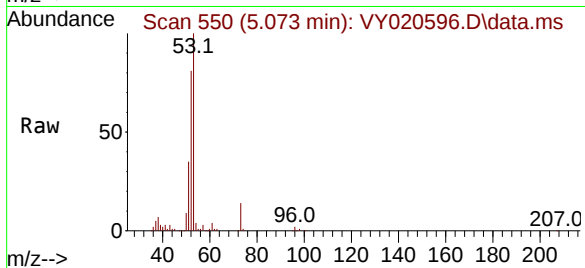
Tgt Ion: 53 Resp: 140240

Ion Ratio Lower Upper

53 100

52 80.5 65.2 97.8

51 36.7 30.2 45.4



#16

Acetone

Concen: 249.096 ug/l

RT: 3.885 min Scan# 355

Delta R.T. -0.000 min

Lab File: VY020596.D

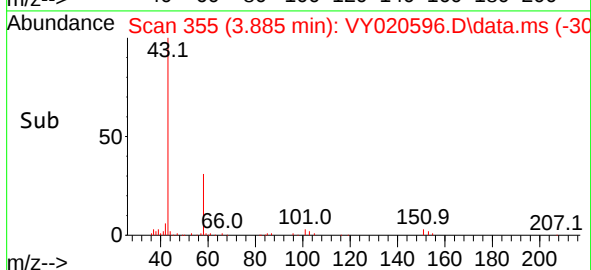
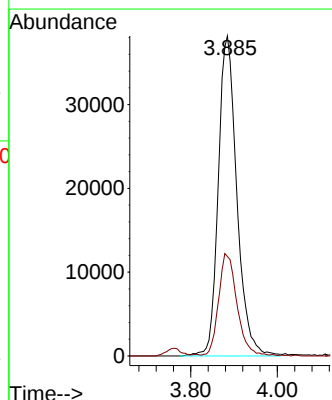
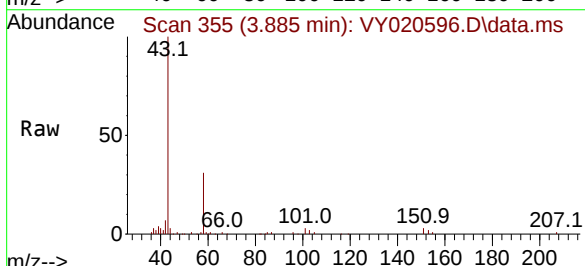
Acq: 12 Dec 2024 17:08

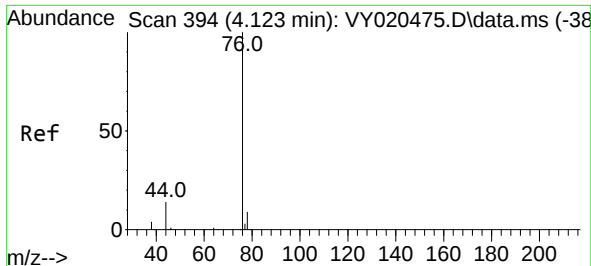
Tgt Ion: 43 Resp: 113791

Ion Ratio Lower Upper

43 100

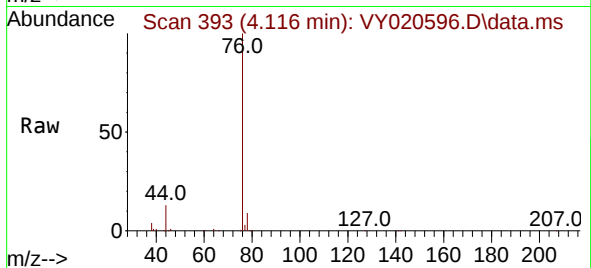
58 30.9 25.7 38.5



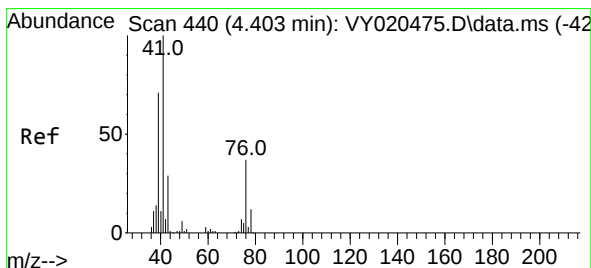
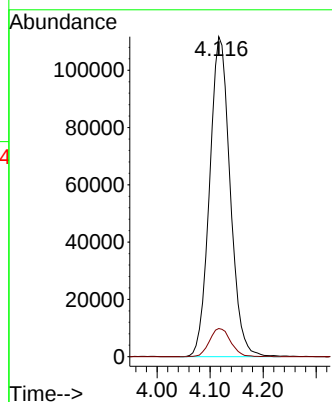
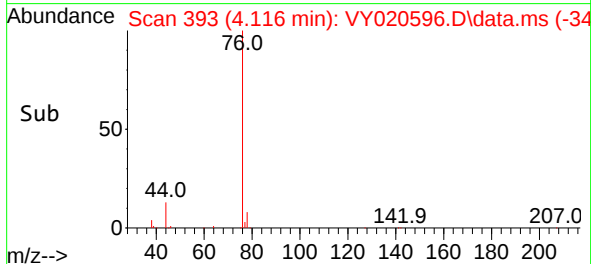


#17
Carbon Disulfide
Concen: 55.999 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

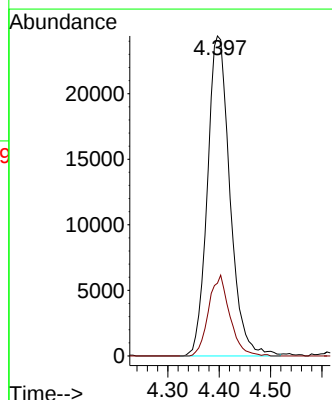
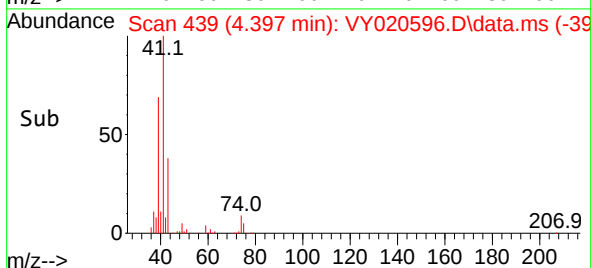
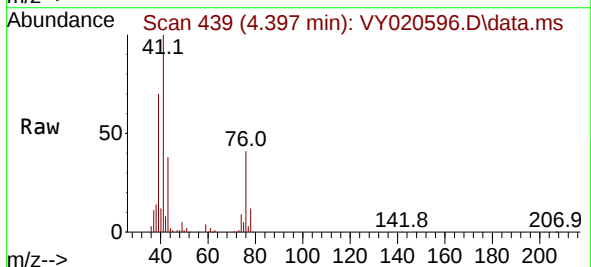


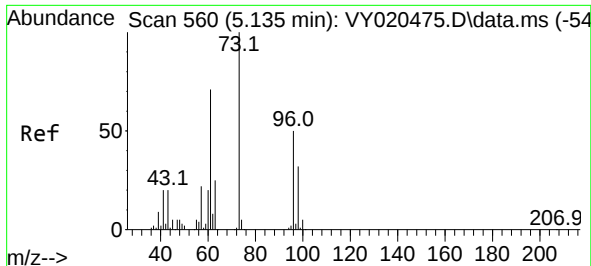
Tgt Ion: 76 Resp: 300550
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 76.618 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 43 Resp: 74391
Ion Ratio Lower Upper
43 100
74 23.7 18.6 27.8

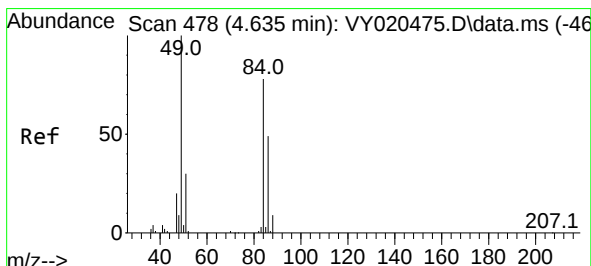
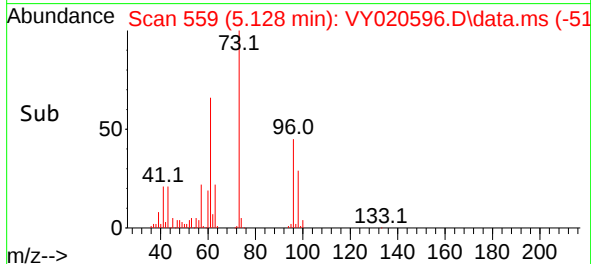
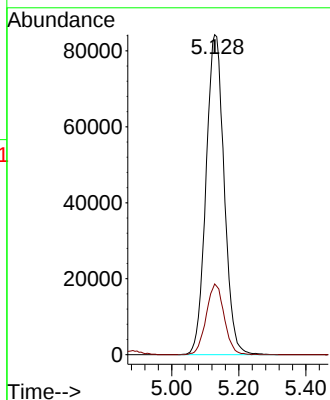
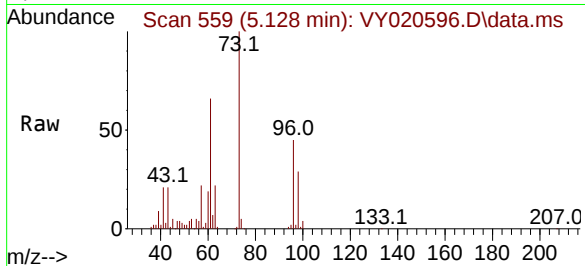




#19
Methyl tert-butyl Ether
Concen: 65.955 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

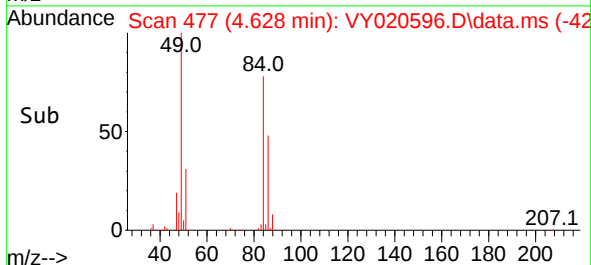
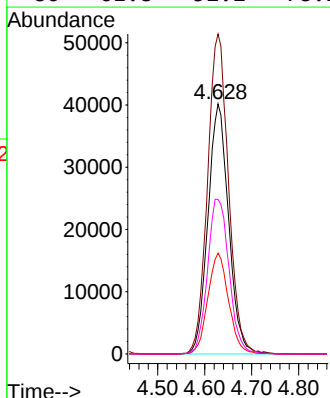
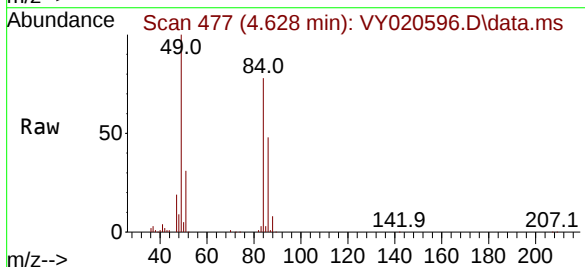
Instrument :
MSVOA_Y
ClientSampleId :

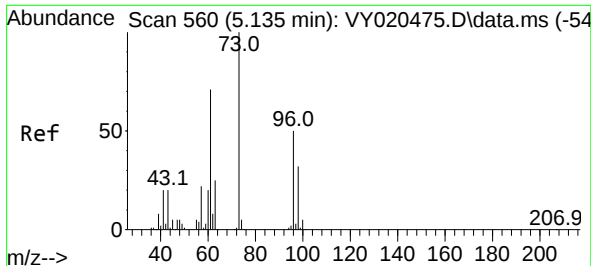
Tgt Ion: 73 Resp: 315857
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: 63.055 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

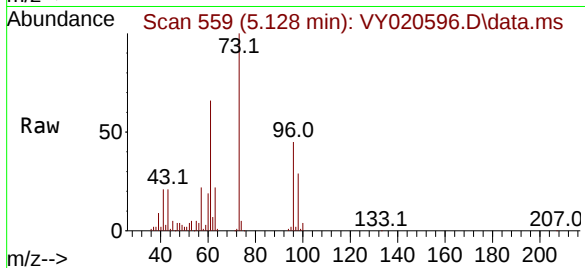
Tgt Ion: 84 Resp: 122532
Ion Ratio Lower Upper
84 100
49 128.0 104.7 157.1
51 40.3 33.4 50.0
86 61.8 52.2 78.2



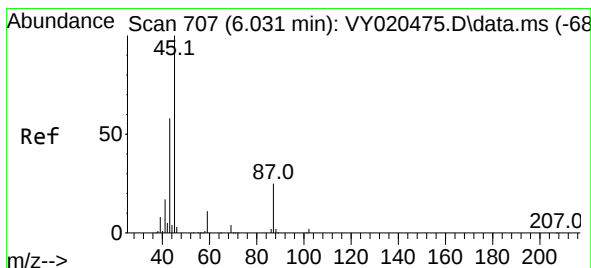
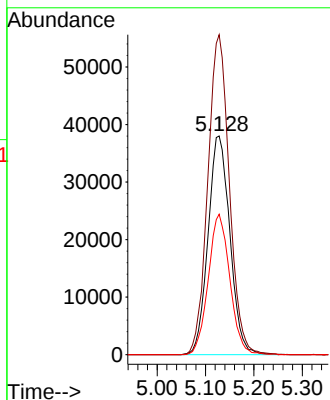
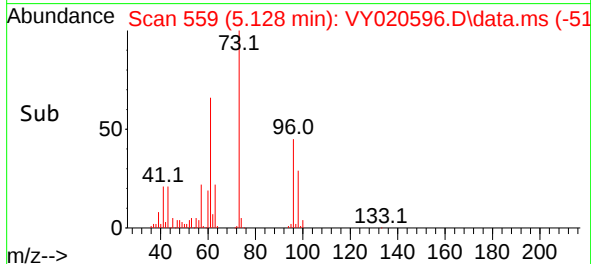


#21
trans-1,2-Dichloroethene
Concen: 57.325 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

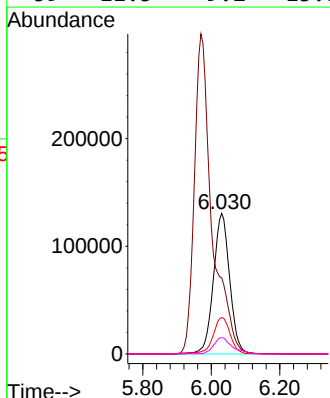
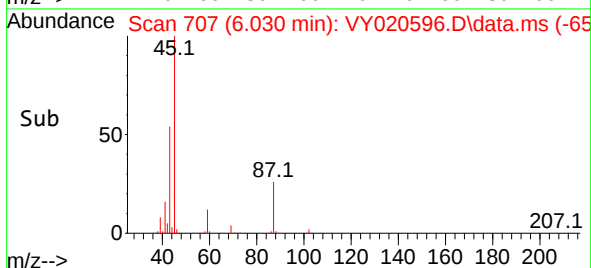
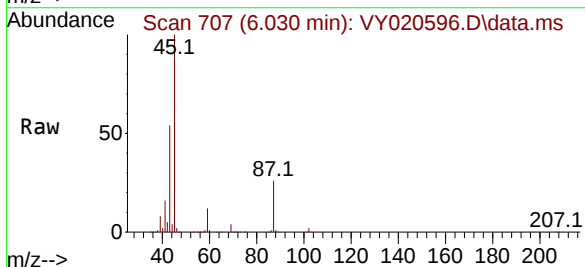


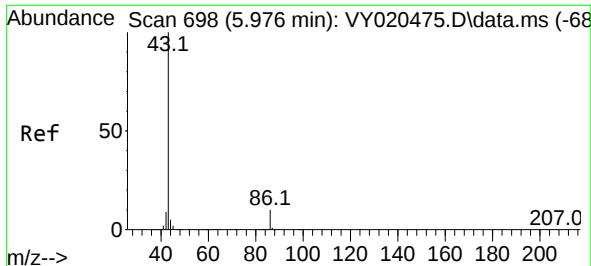
Tgt Ion: 96 Resp: 119399
Ion Ratio Lower Upper
96 100
61 146.3 111.6 167.4
98 64.2 46.7 70.1



#22
Diisopropyl ether
Concen: 64.567 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

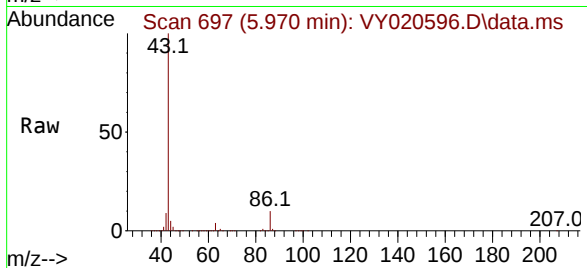
Tgt Ion: 45 Resp: 429416
Ion Ratio Lower Upper
45 100
43 54.0 44.8 67.2
87 25.9 20.6 30.8
59 11.5 9.2 13.8





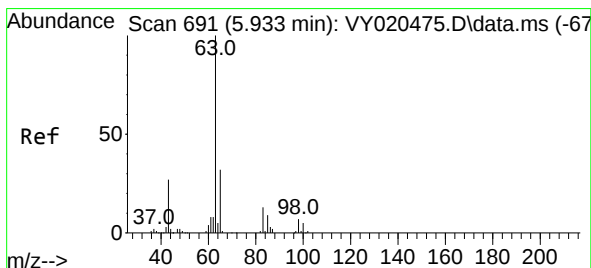
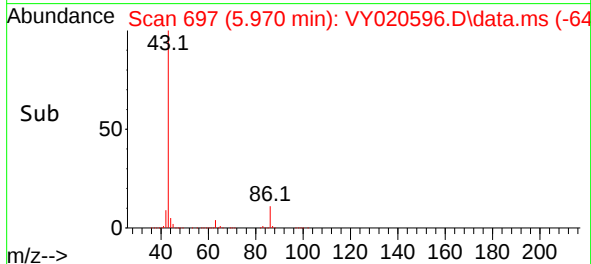
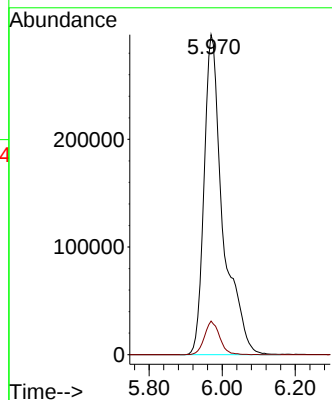
#23
 Vinyl Acetate
 Concen: 301.565 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 43 Resp: 1060838

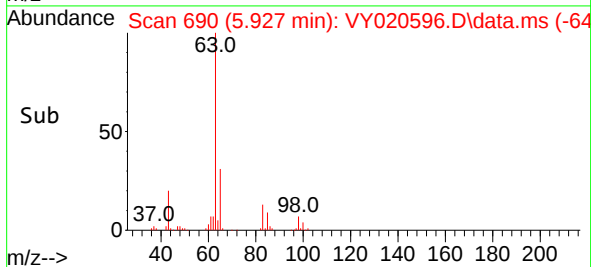
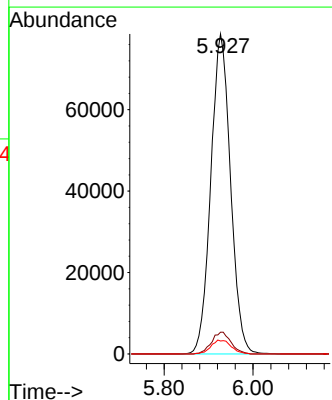
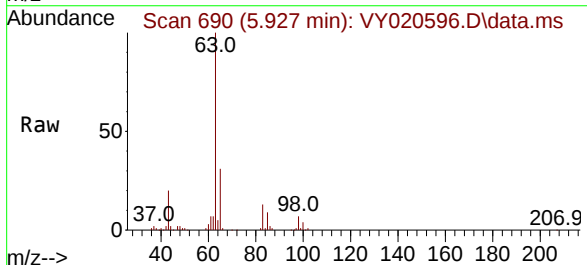
Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.0	12.0

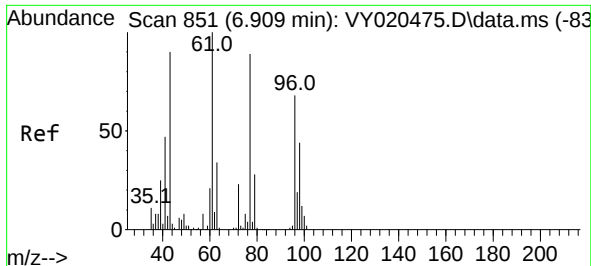


#24
 1,1-Dichloroethane
 Concen: 60.367 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

Tgt Ion: 63 Resp: 241707

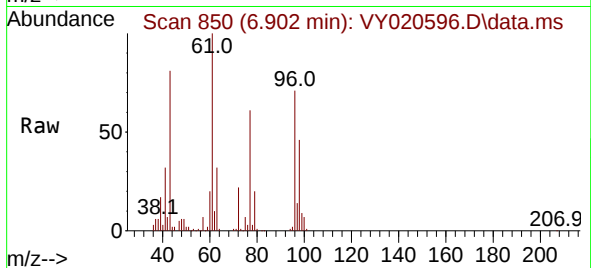
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.1
100	4.0	2.0	5.8



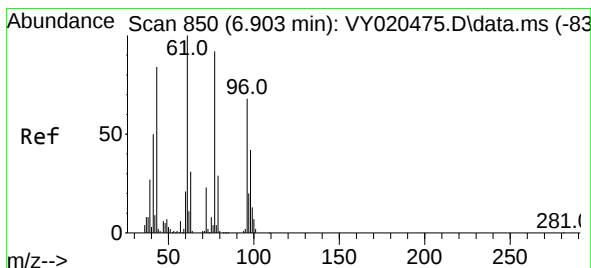
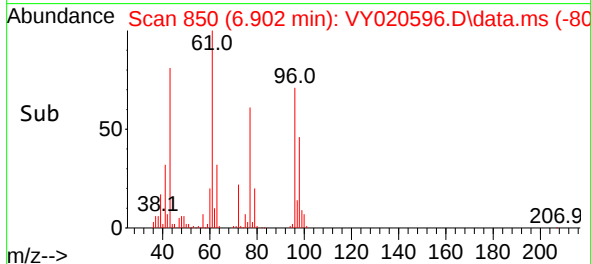
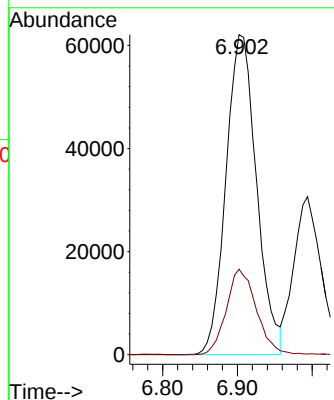


#25
2-Butanone
Concen: 306.383 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

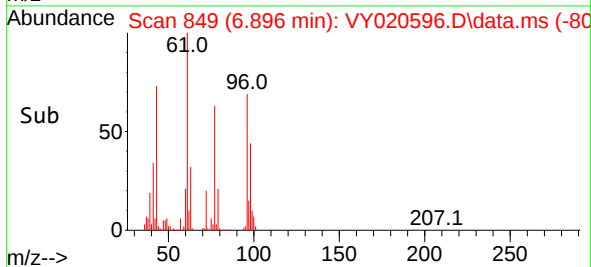
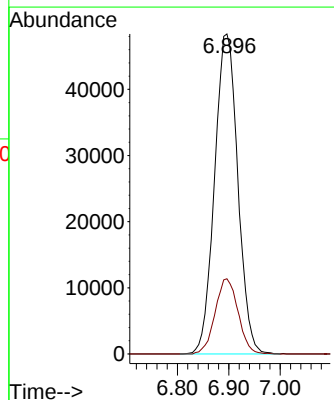
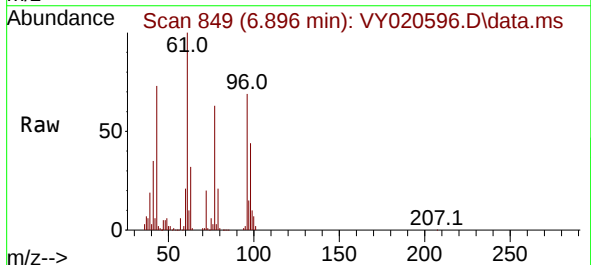


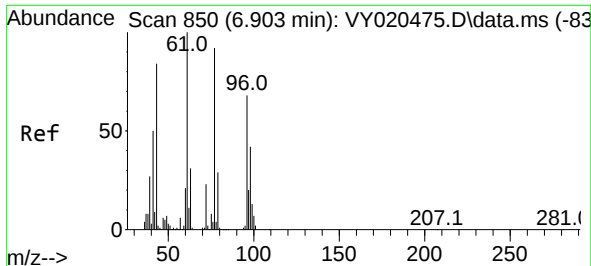
Tgt Ion: 43 Resp: 176734
Ion Ratio Lower Upper
43 100
72 26.7 20.4 30.6



#26
2,2-Dichloropropane
Concen: 40.131 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 77 Resp: 151981
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.7

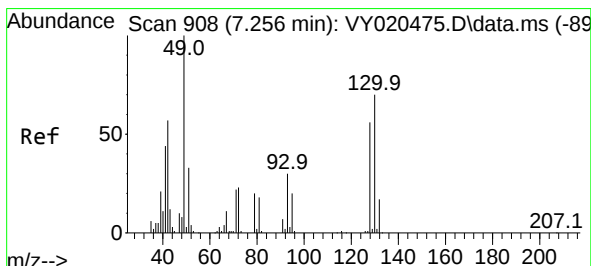
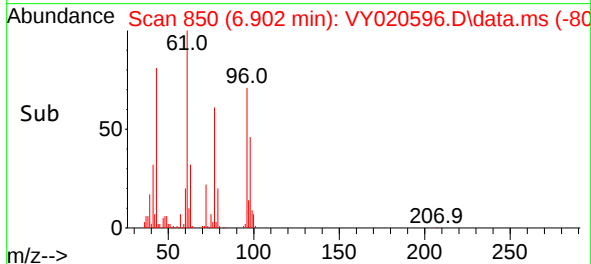
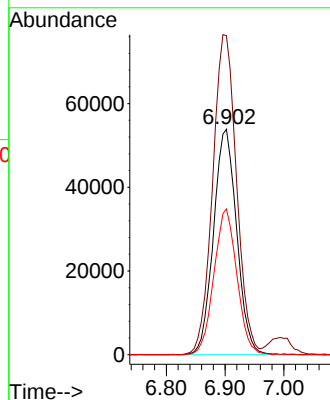
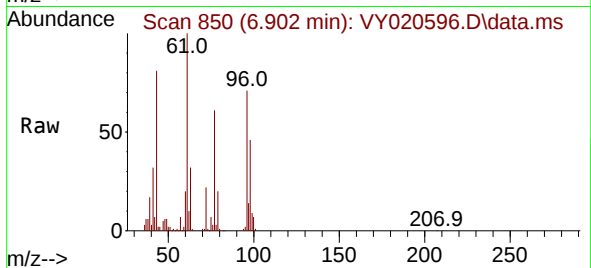




#27
 cis-1,2-Dichloroethene
 Concen: 60.795 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

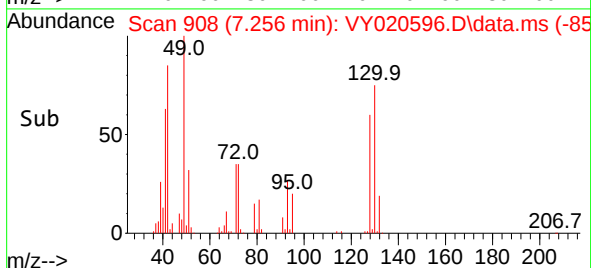
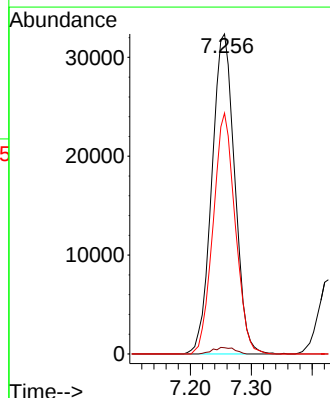
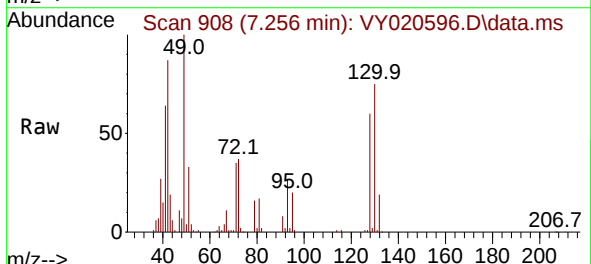
Instrument :
 MSVOA_Y
 ClientSampleId :

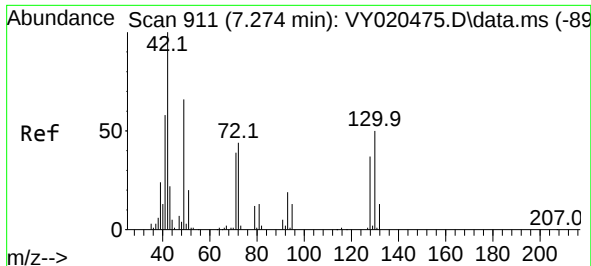
Tgt Ion: 96 Resp: 147858
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 312.4
 98 63.8 0.0 126.8



#28
 Bromochloromethane
 Concen: 56.451 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

Tgt Ion: 49 Resp: 84407
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 72.8 55.0 82.6





#29

Tetrahydrofuran

Concen: 351.832 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

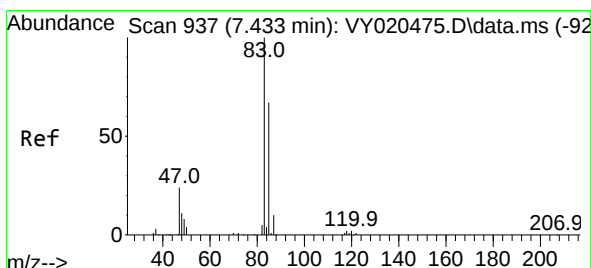
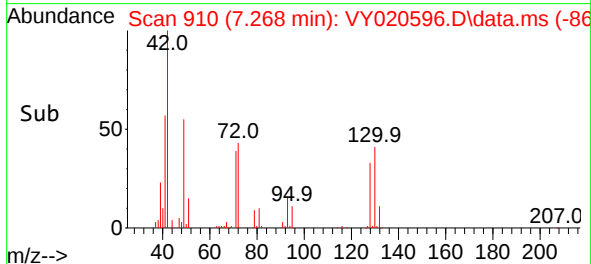
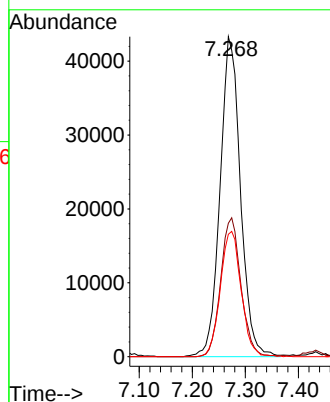
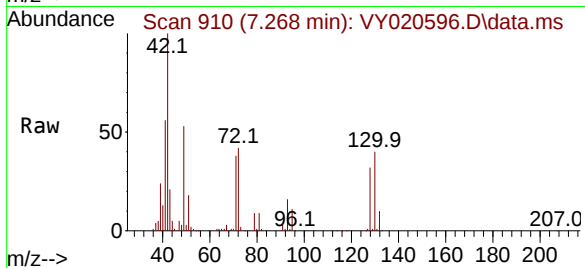
Tgt Ion: 42 Resp: 115781

Ion Ratio Lower Upper

42 100

72 43.2 33.4 50.0

71 40.0 31.9 47.9



#30

Chloroform

Concen: 60.029 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY020596.D

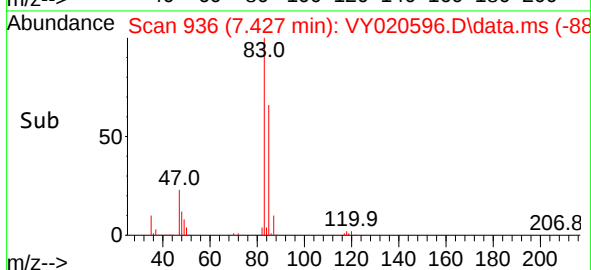
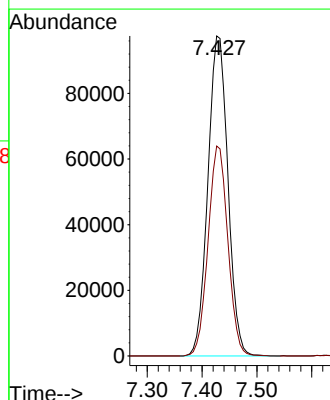
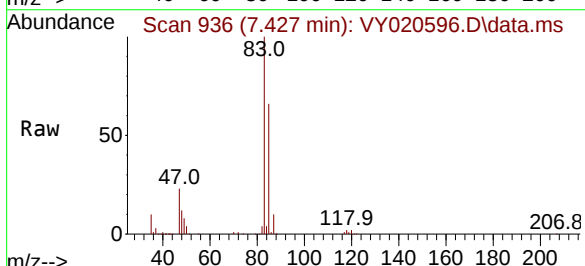
Acq: 12 Dec 2024 17:08

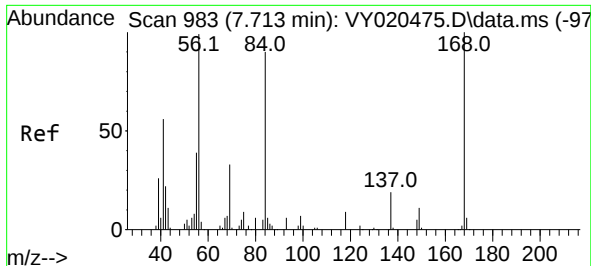
Tgt Ion: 83 Resp: 246679

Ion Ratio Lower Upper

83 100

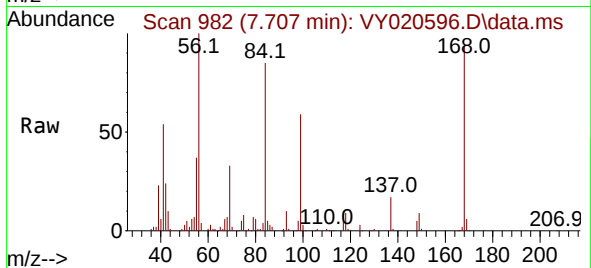
85 65.6 50.3 75.5



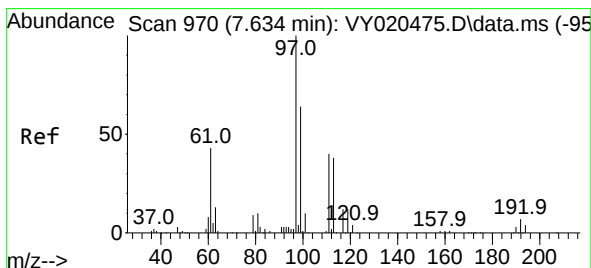
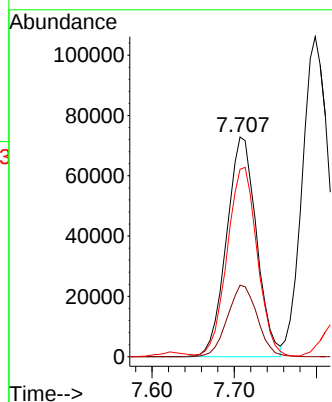
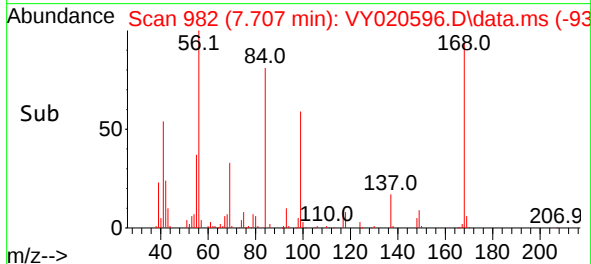


#31
Cyclohexane
Concen: 50.978 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

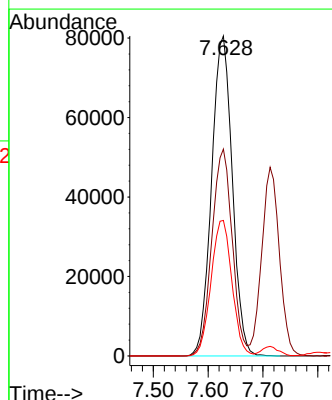
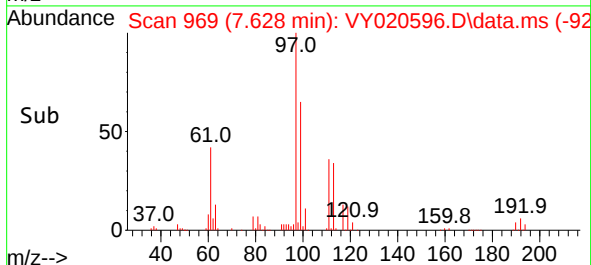
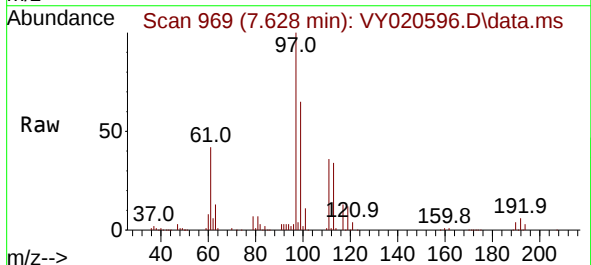


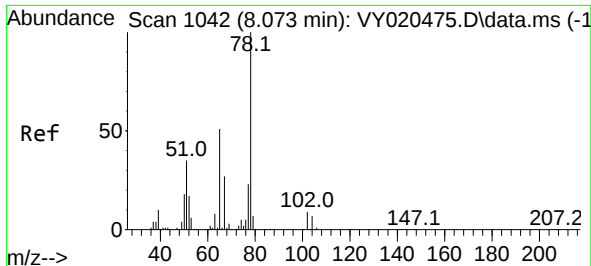
Tgt Ion: 56 Resp: 184529
Ion Ratio Lower Upper
56 100
69 32.6 25.3 37.9
84 83.7 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 53.261 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 97 Resp: 210748
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 42.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 53.996 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

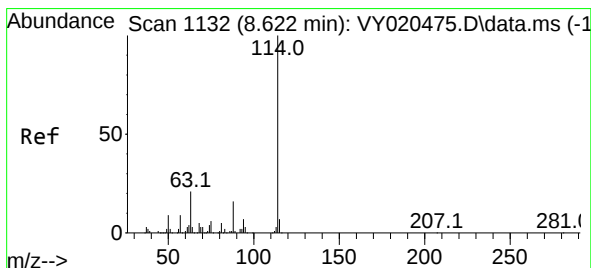
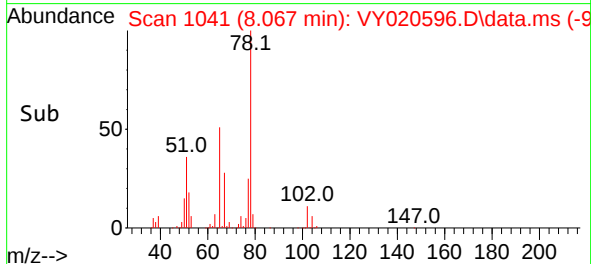
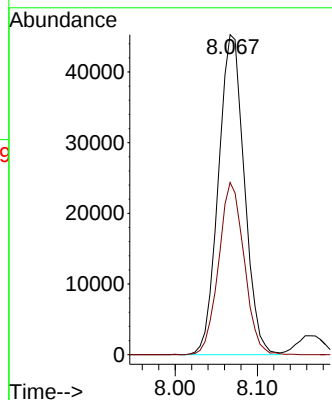
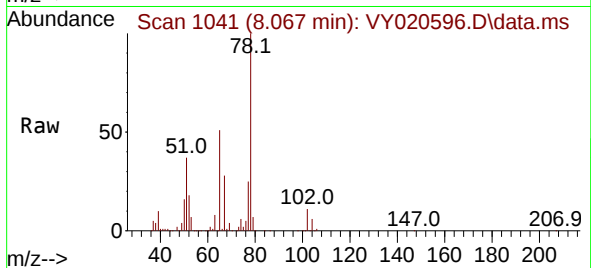
ClientSampleId :

Tgt Ion: 65 Resp: 99202

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

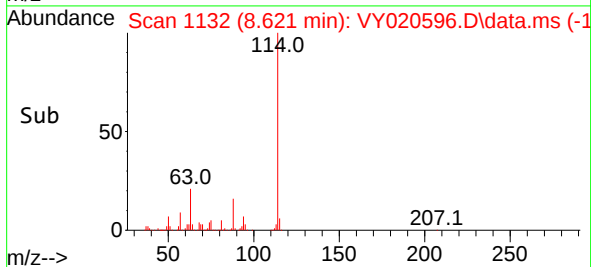
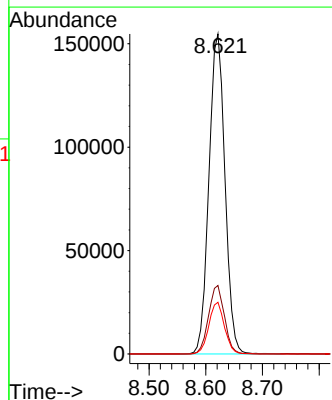
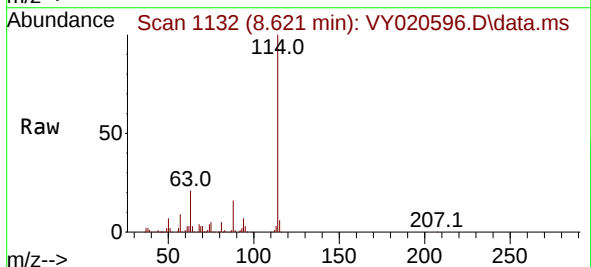
Tgt Ion:114 Resp: 303755

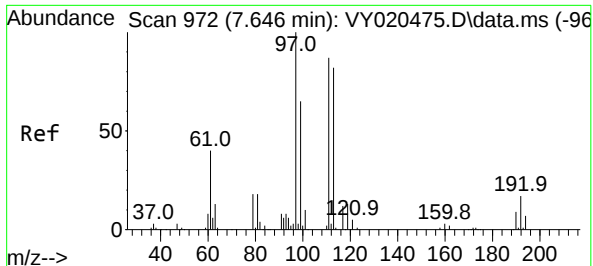
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 16.2 0.0 32.0

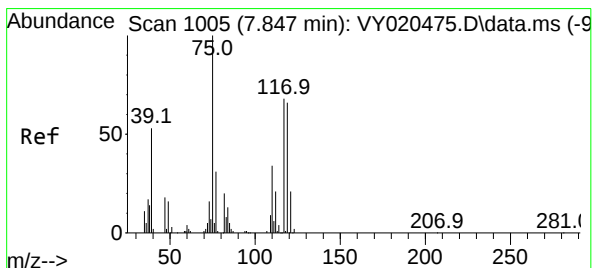
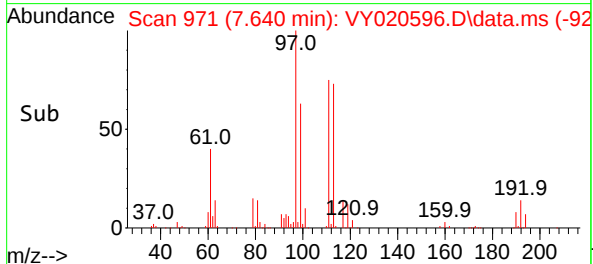
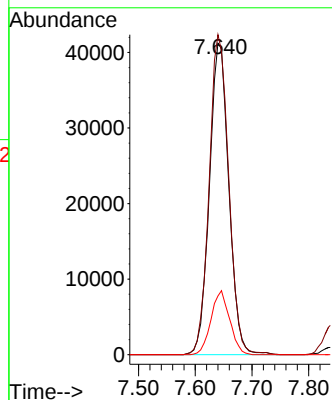
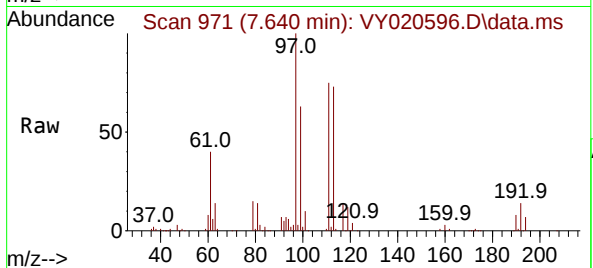




#35
Dibromofluoromethane
Concen: 51.312 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

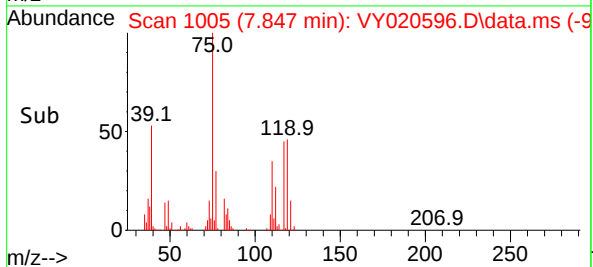
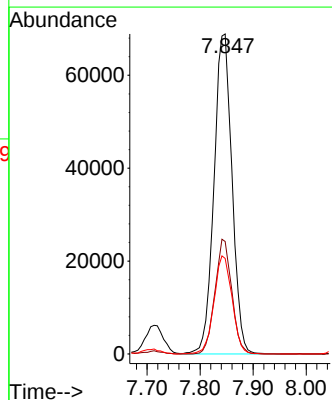
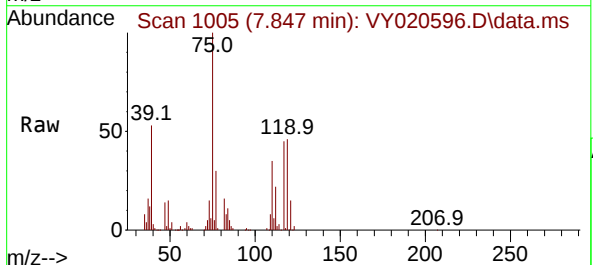
Instrument :
MSVOA_Y
ClientSampleId :

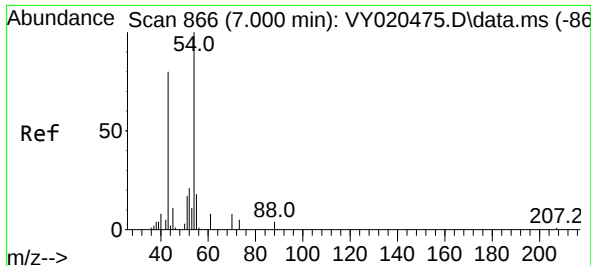
Tgt Ion:113 Resp: 98123
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 50.450 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 75 Resp: 162919
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.0
77 30.7 24.6 36.8

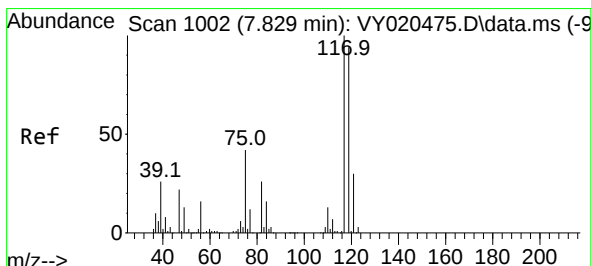
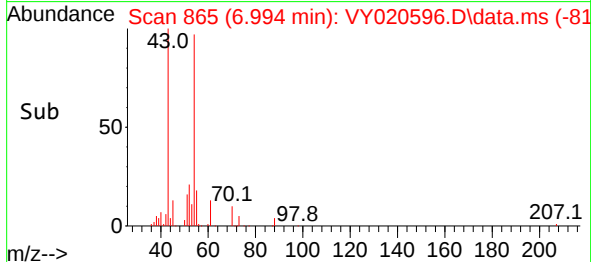
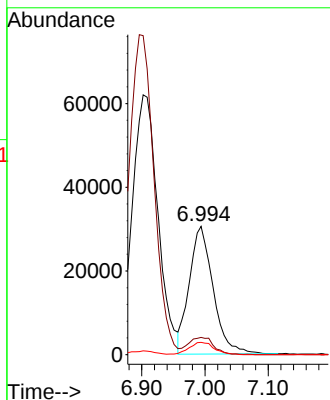
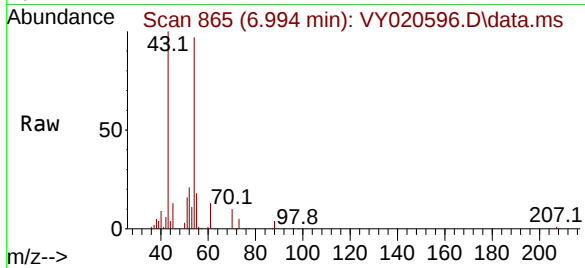




#37
Ethyl Acetate
Concen: 62.660 ug/l
RT: 6.994 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

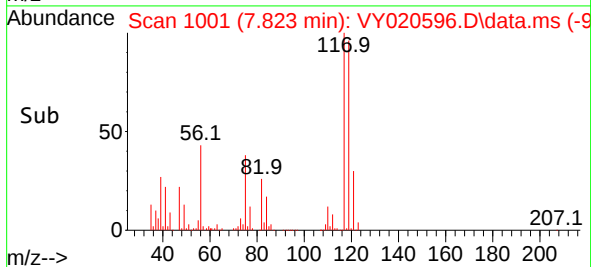
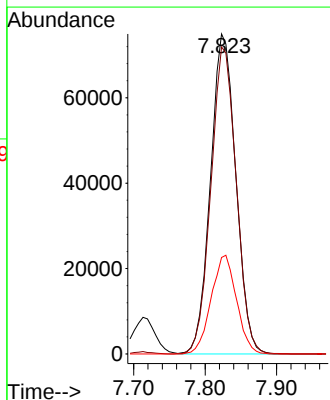
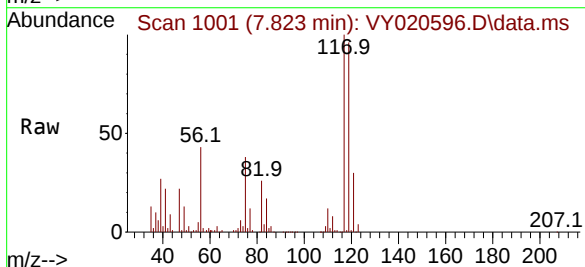
Instrument :
MSVOA_Y
ClientSampleId :

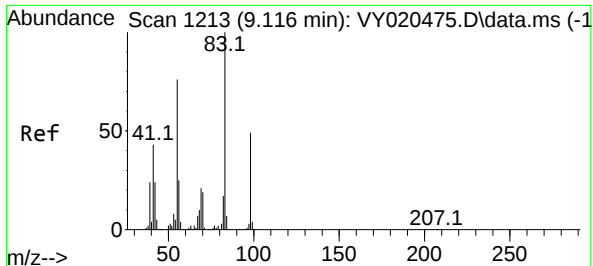
Tgt Ion: 43 Resp: 80165
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 47.828 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 117 Resp: 184338
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 49.667 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

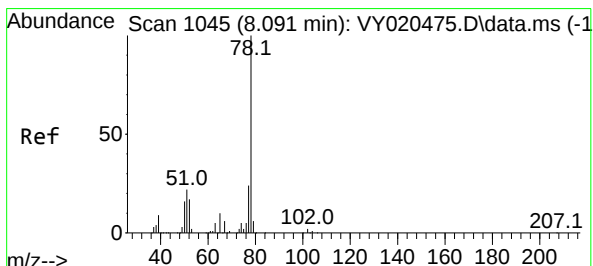
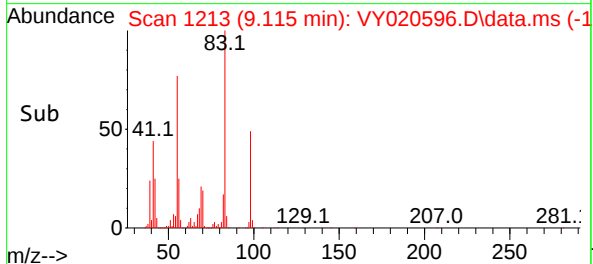
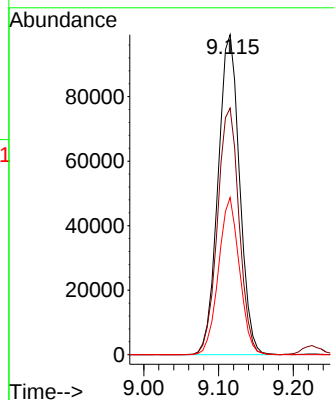
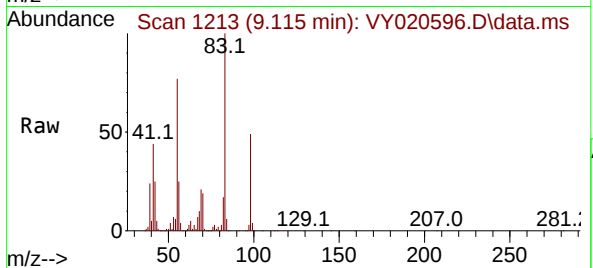
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83 Resp: 199024

Ion	Ratio	Lower	Upper
83	100		
55	77.1	62.6	93.8
98	49.1	37.0	55.4



#40

Benzene

Concen: 54.459 ug/l

RT: 8.085 min Scan# 1044

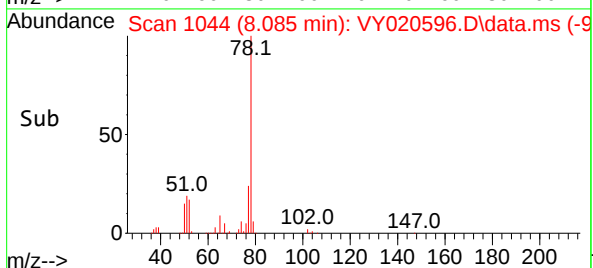
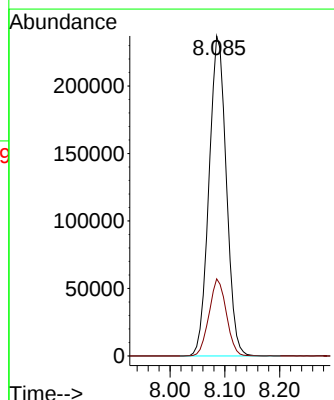
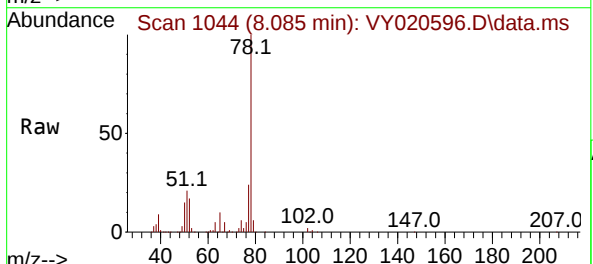
Delta R.T. -0.006 min

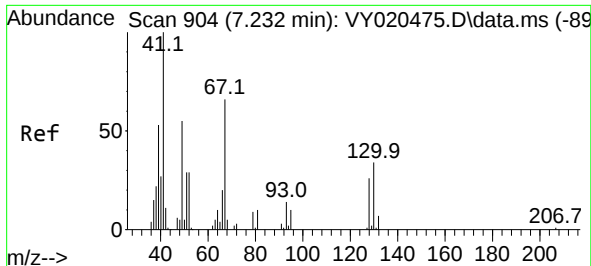
Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Tgt Ion: 78 Resp: 518520

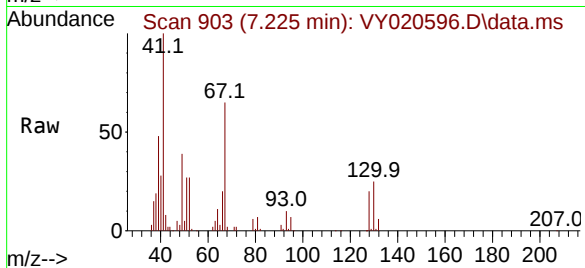
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0



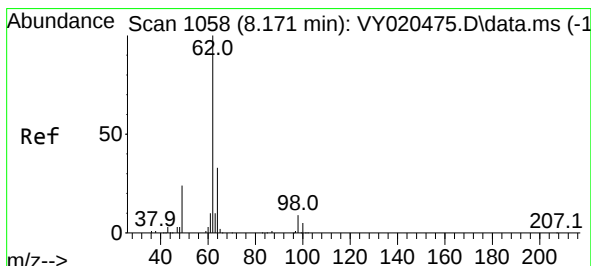
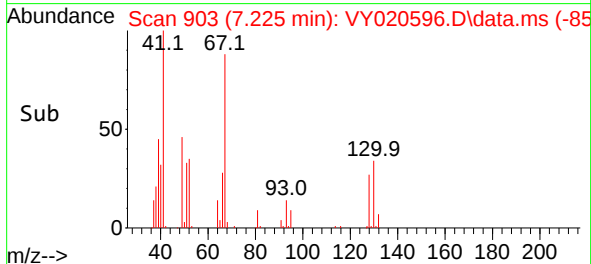
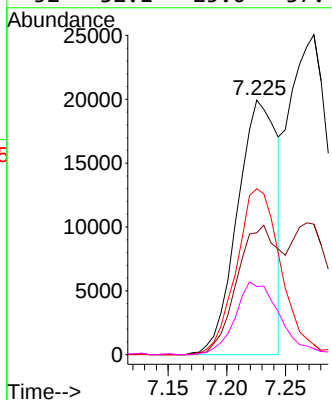


#41
Methacrylonitrile
Concen: 64.364 ug/l
RT: 7.225 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

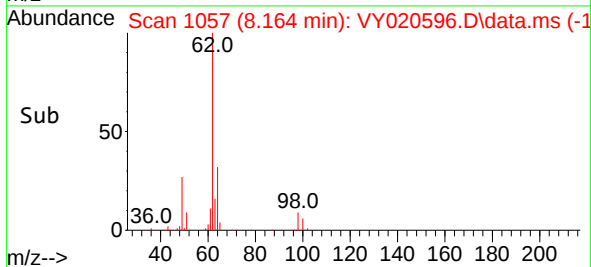
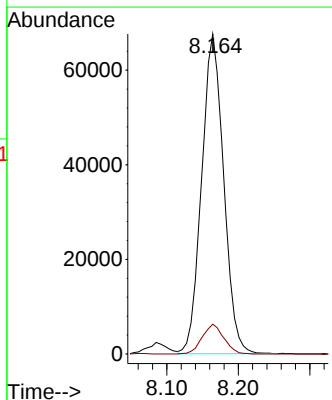
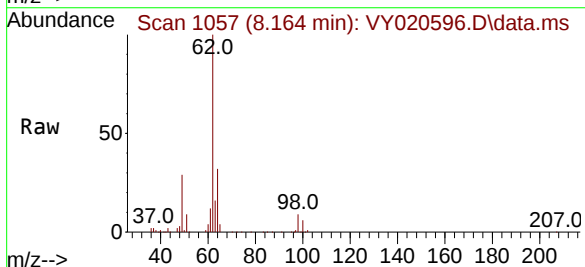


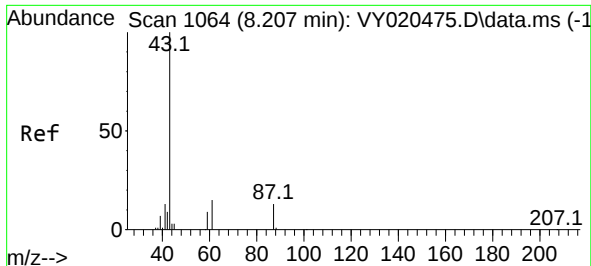
Tgt Ion: 41	Resp: 46811
Ion Ratio	Lower Upper
41 100	
39 57.0	49.0 73.4
67 73.9	57.1 85.7
52 32.1	25.0 37.4



#42
1,2-Dichloroethane
Concen: 57.805 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 62	Resp: 144618
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.0

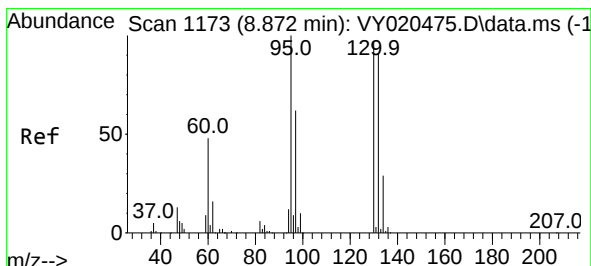
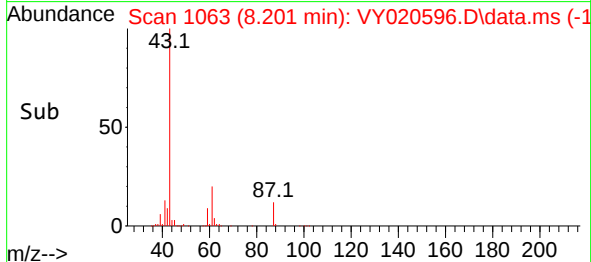
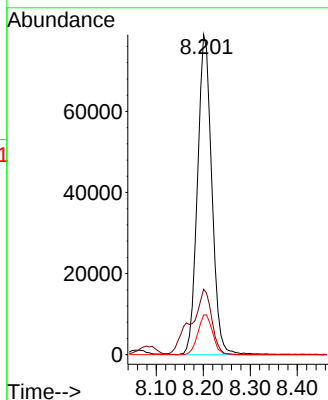
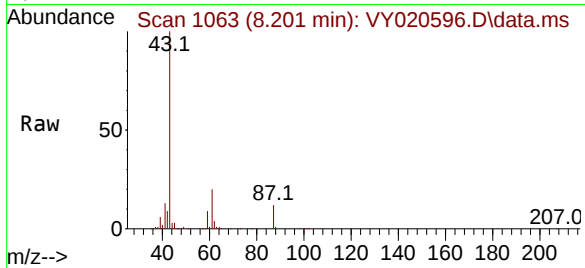




#43
Isopropyl Acetate
Concen: 64.740 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

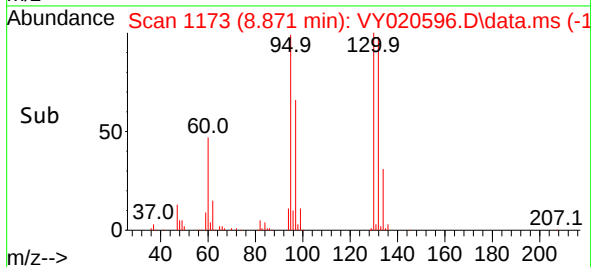
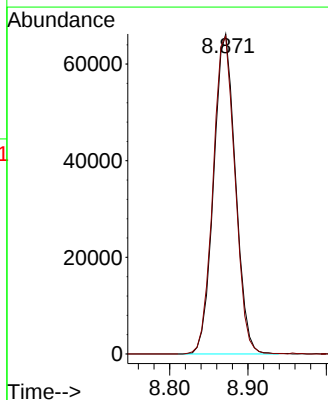
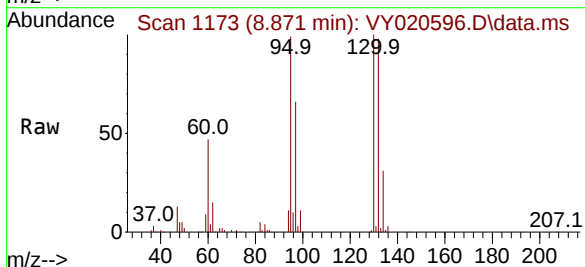
Instrument :
MSVOA_Y
ClientSampleId :

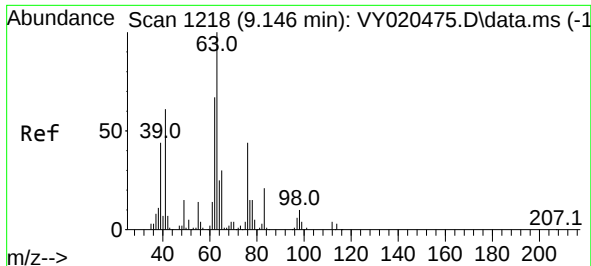
Tgt Ion: 43 Resp: 167251
Ion Ratio Lower Upper
43 100
61 29.5 22.8 34.2
87 12.9 9.6 14.4



#44
Trichloroethene
Concen: 54.656 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion:130 Resp: 128288
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 57.772 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

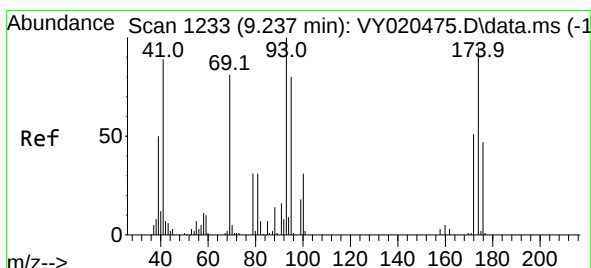
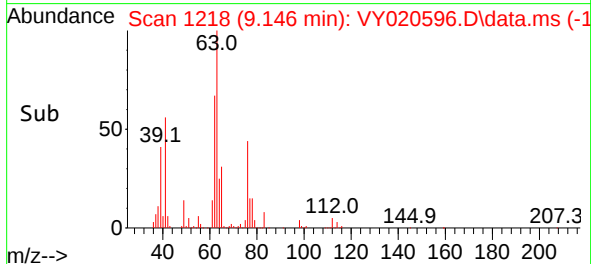
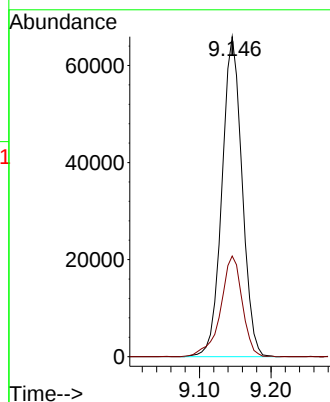
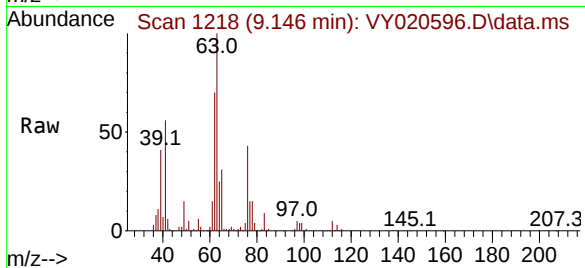
ClientSampleId :

Tgt Ion: 63 Resp: 128718

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.4



#46

Dibromomethane

Concen: 60.920 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

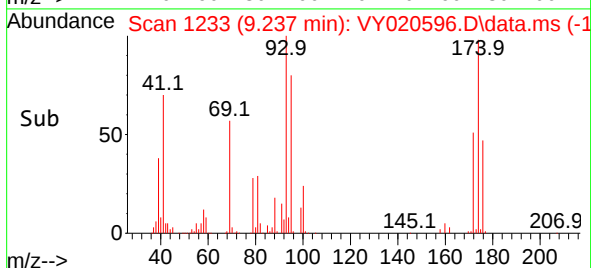
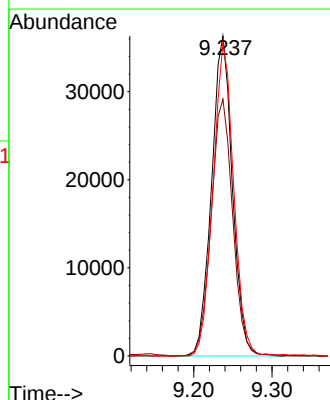
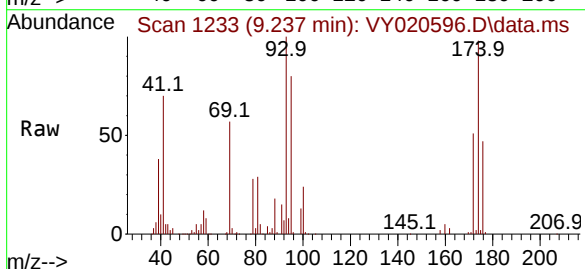
Tgt Ion: 93 Resp: 67204

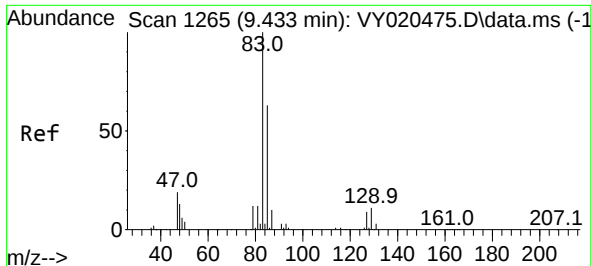
Ion Ratio Lower Upper

93 100

95 82.7 65.3 97.9

174 97.0 74.4 111.6

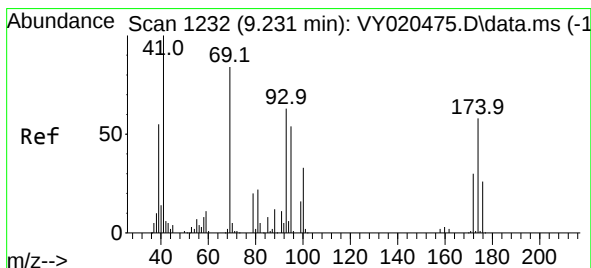
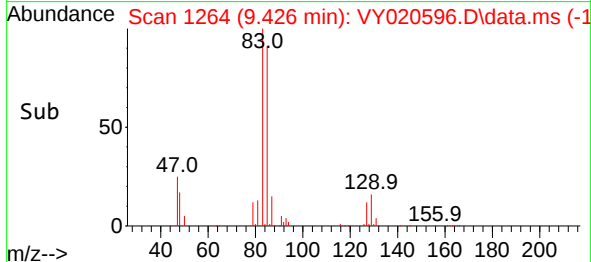
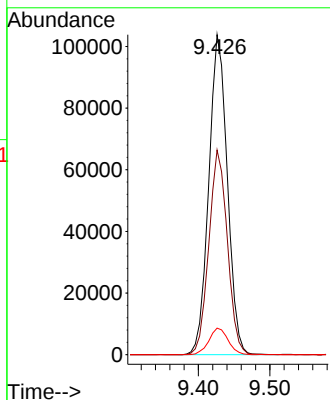
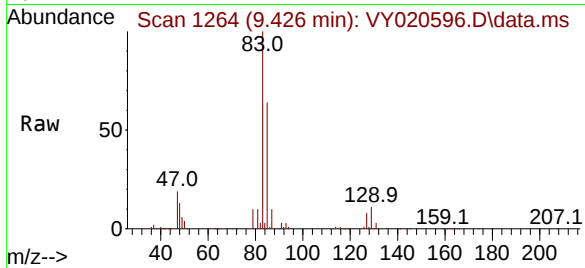




#47
Bromodichloromethane
Concen: 57.532 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

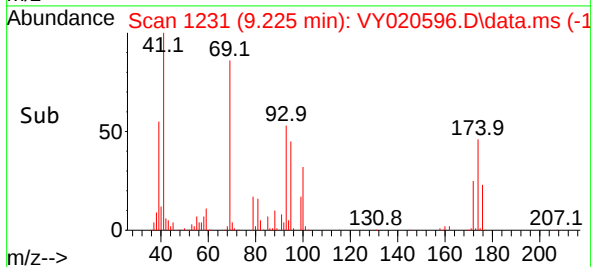
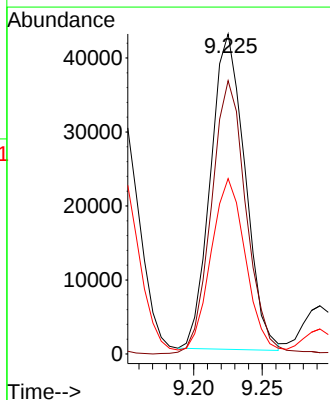
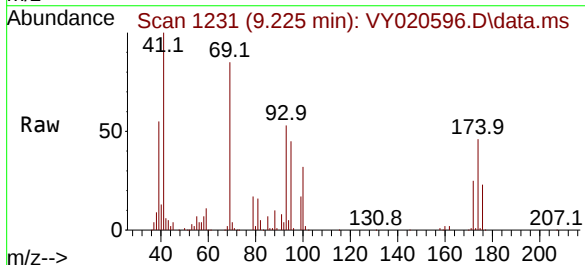
Instrument :
MSVOA_Y
ClientSampleId :

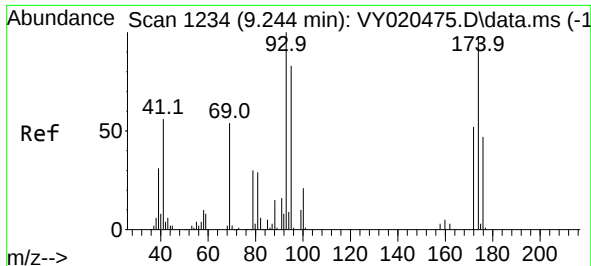
Tgt Ion: 83 Resp: 186989
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 61.888 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 41 Resp: 74555
Ion Ratio Lower Upper
41 100
69 88.0 66.1 99.1
39 54.0 46.0 69.0





#49

1,4-Dioxane

Concen: 1409.540 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

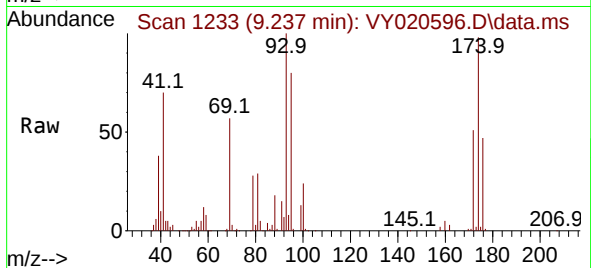
Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :



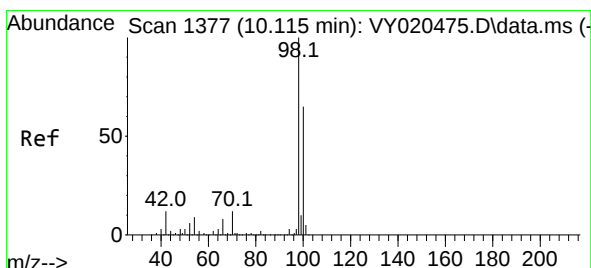
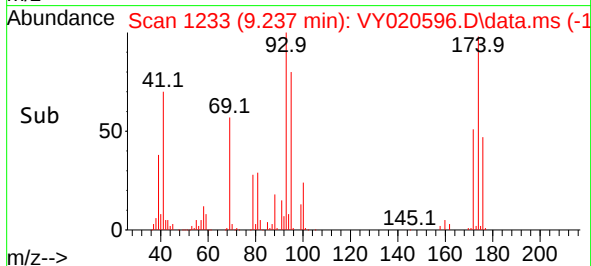
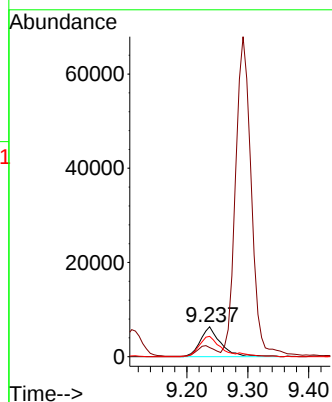
Tgt Ion: 88 Resp: 14863

Ion Ratio Lower Upper

88 100

43 31.0 24.6 37.0

58 67.5 59.6 89.4



#50

Toluene-d8

Concen: 47.969 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020596.D

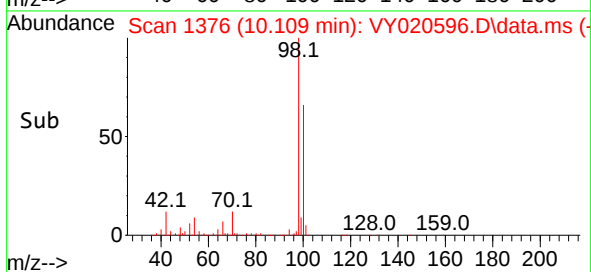
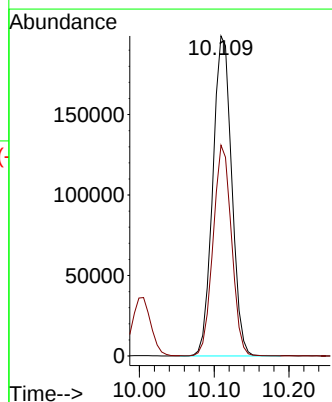
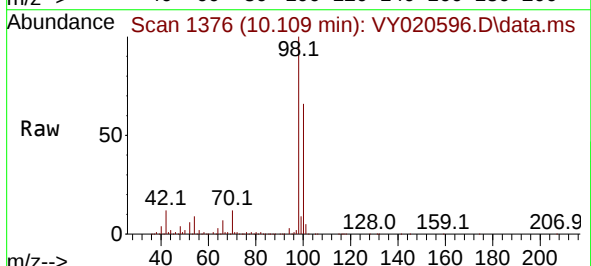
Acq: 12 Dec 2024 17:08

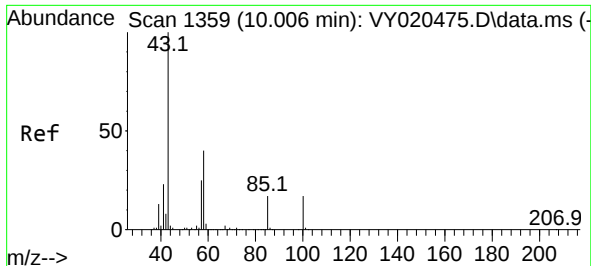
Tgt Ion: 98 Resp: 349293

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

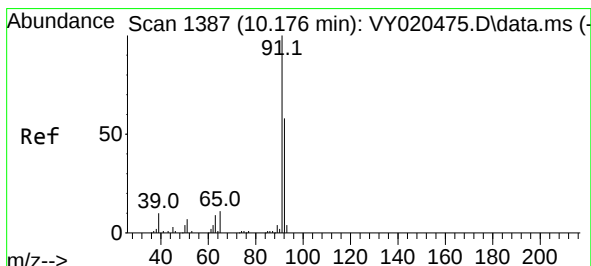
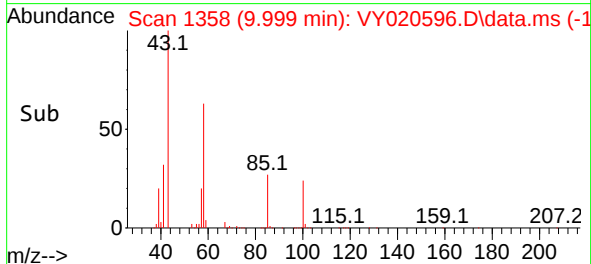
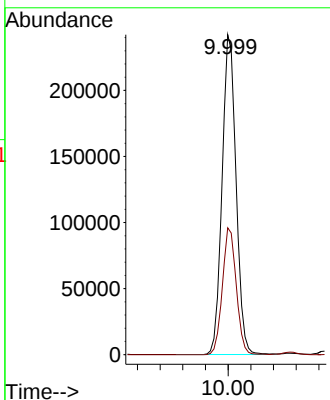
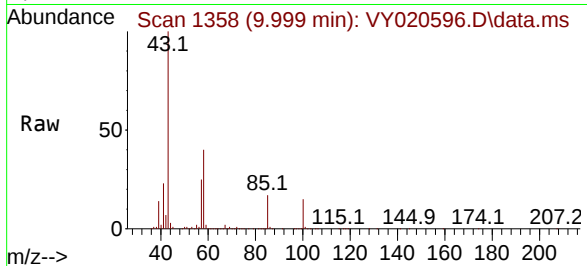




#51
4-Methyl-2-Pentanone
Concen: 324.443 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

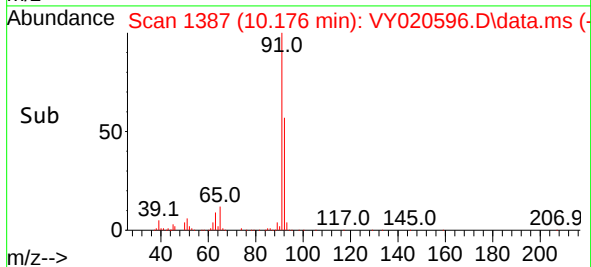
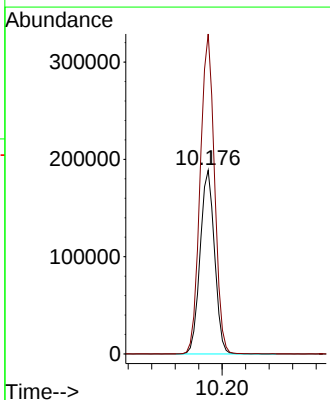
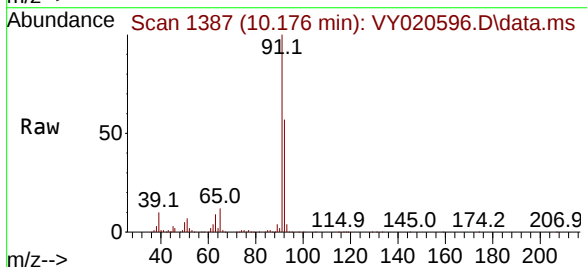
Instrument :
MSVOA_Y
ClientSampleId :

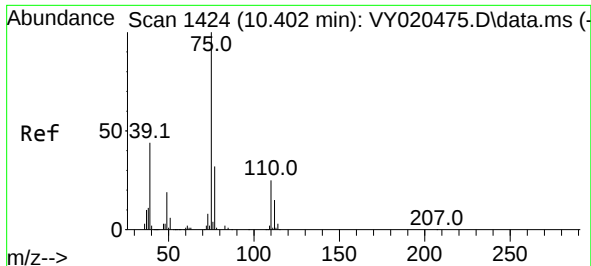
Tgt Ion: 43 Resp: 413929
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3



#52
Toluene
Concen: 54.192 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 92 Resp: 321925
Ion Ratio Lower Upper
92 100
91 173.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 55.035 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

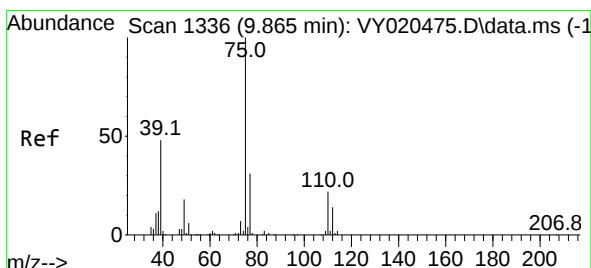
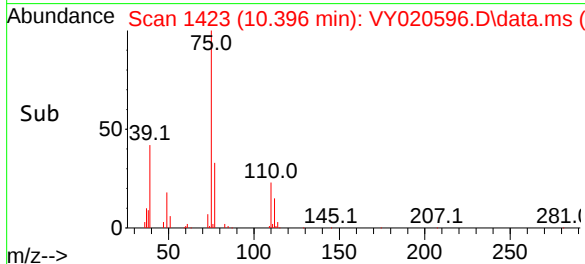
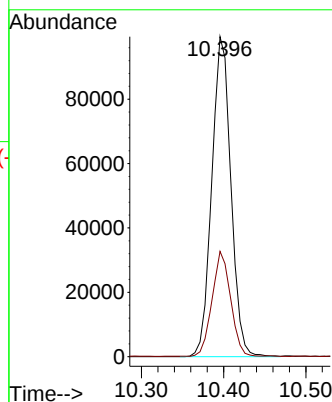
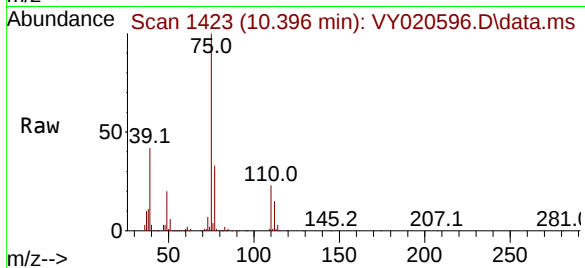
ClientSampleId :

Tgt Ion: 75 Resp: 160589

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.413 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

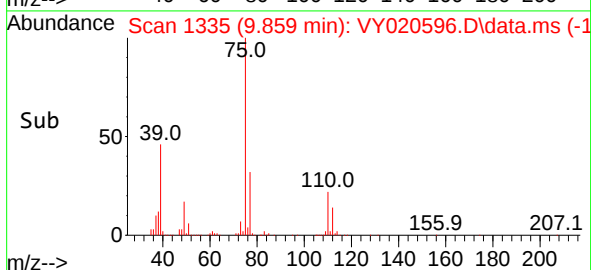
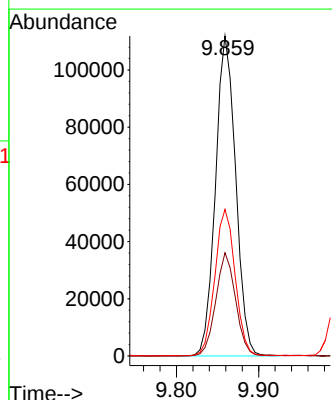
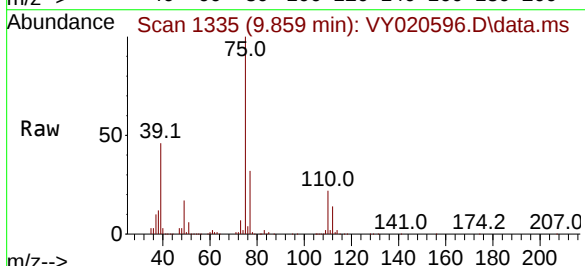
Tgt Ion: 75 Resp: 191091

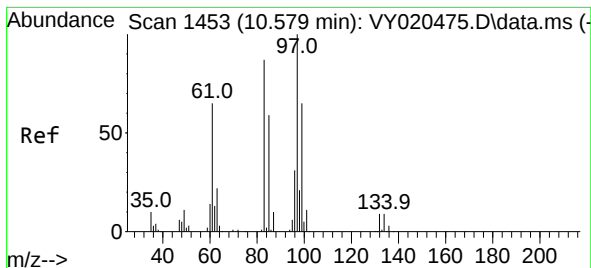
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 45.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 60.436 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 88936

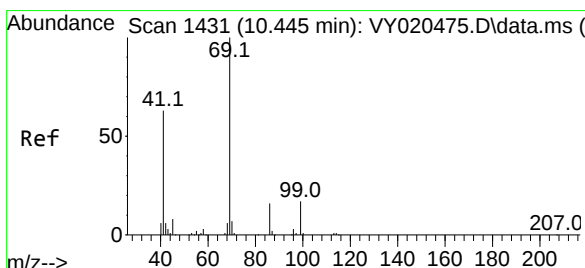
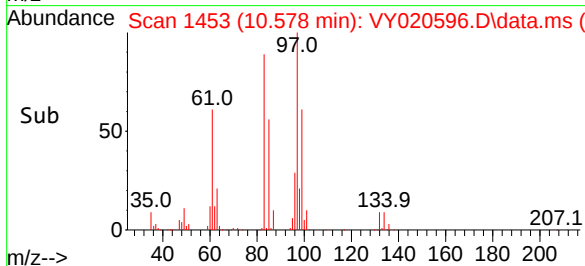
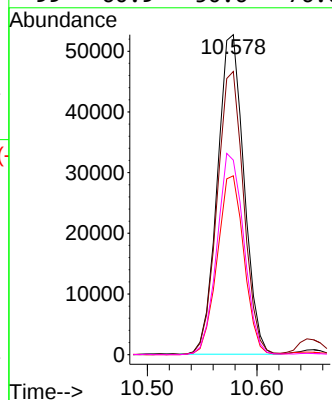
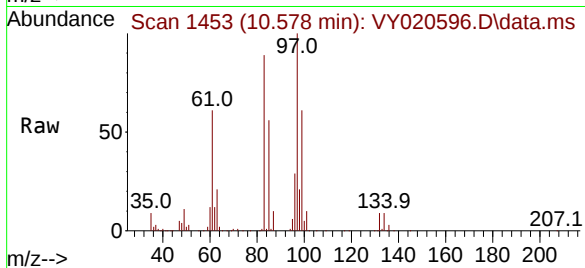
Ion Ratio Lower Upper

97 100

83 88.5 70.8 106.2

85 56.0 44.9 67.3

99 60.9 50.6 76.0



#56

Ethyl methacrylate

Concen: 64.773 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

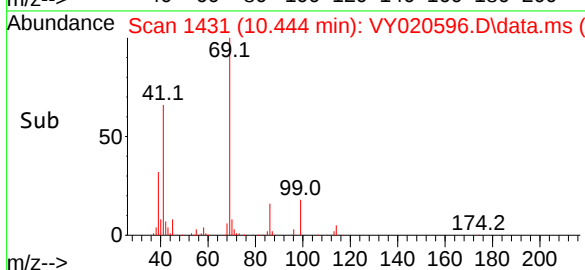
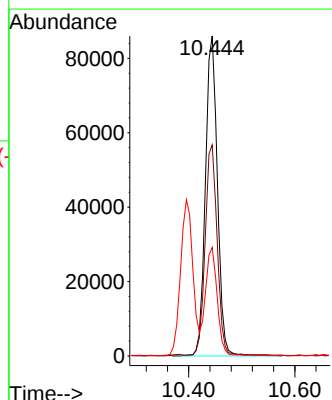
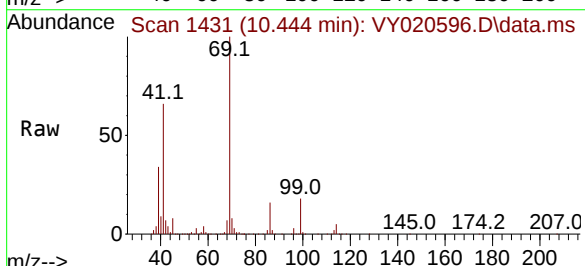
Tgt Ion: 69 Resp: 134869

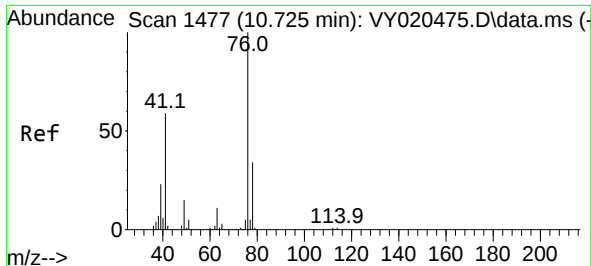
Ion Ratio Lower Upper

69 100

41 65.4 56.1 84.1

39 33.3 29.7 44.5





#57

1,3-Dichloropropane

Concen: 61.000 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

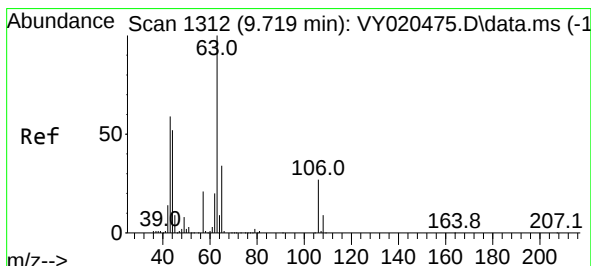
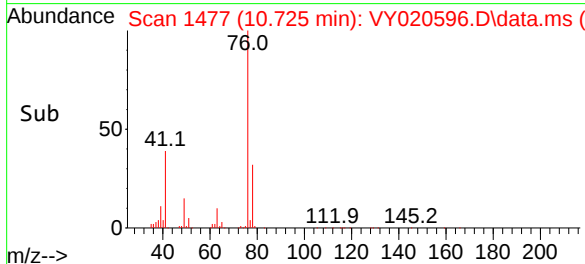
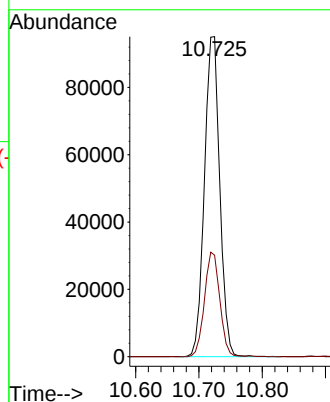
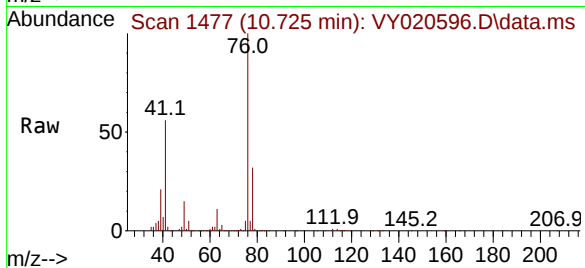
ClientSampleId :

Tgt Ion: 76 Resp: 160742

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 299.375 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020596.D

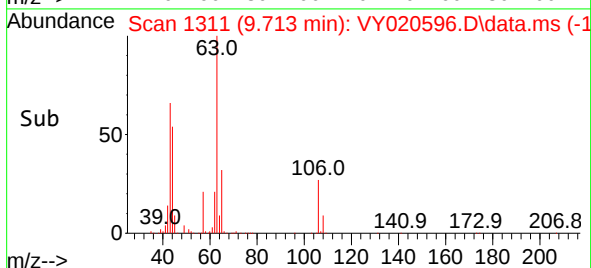
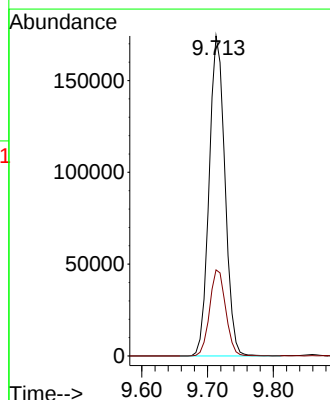
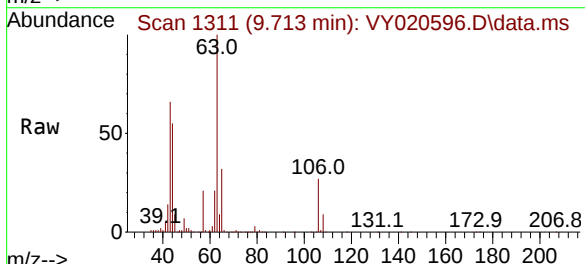
Acq: 12 Dec 2024 17:08

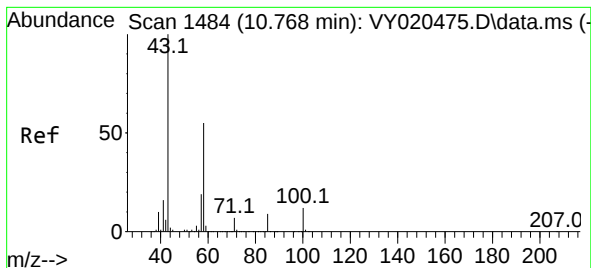
Tgt Ion: 63 Resp: 291858

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.4

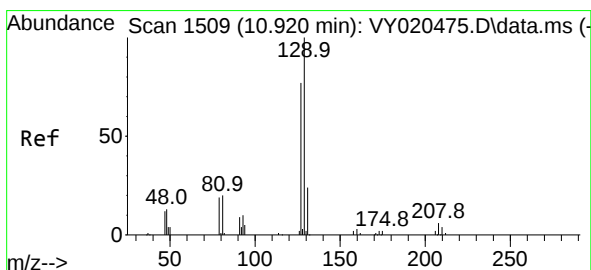
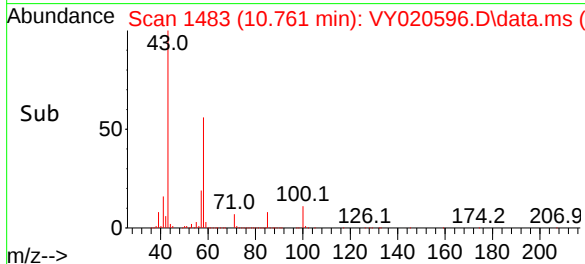
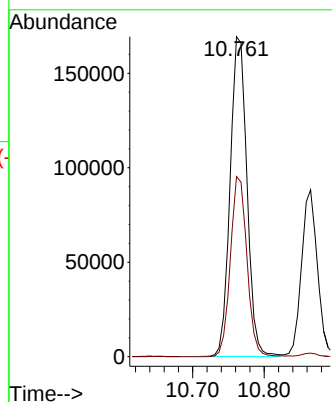
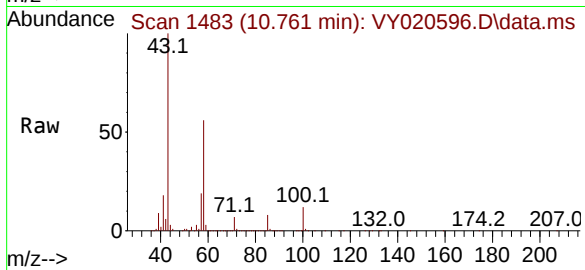




#59
2-Hexanone
Concen: 300.833 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

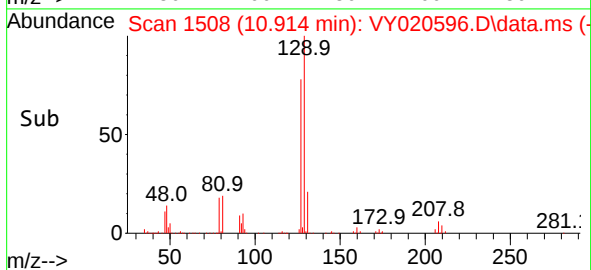
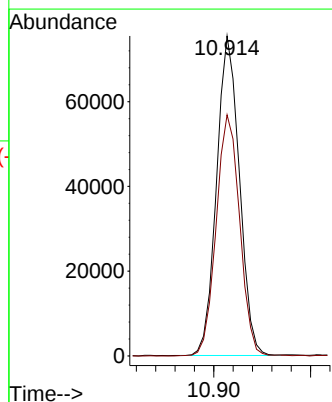
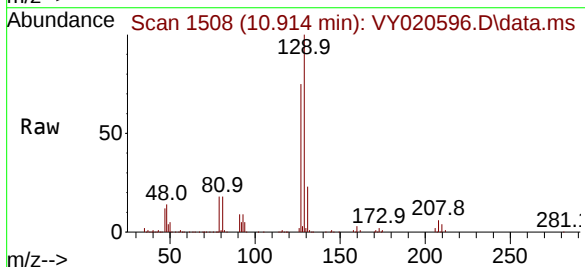
Instrument :
MSVOA_Y
ClientSampleId :

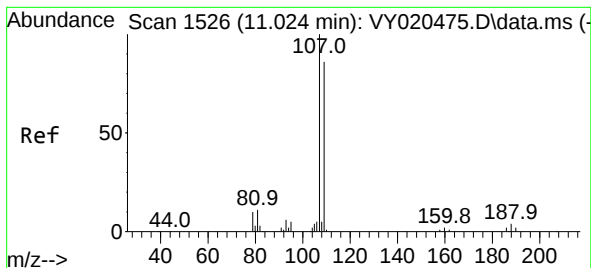
Tgt Ion: 43 Resp: 276882
Ion Ratio Lower Upper
43 100
58 55.4 26.4 79.2



#60
Dibromochloromethane
Concen: 60.211 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 129 Resp: 123359
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 61.625 ug/l

RT: 11.017 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

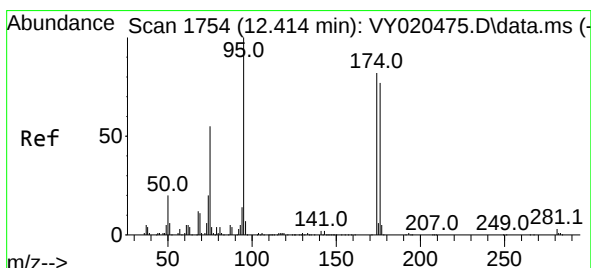
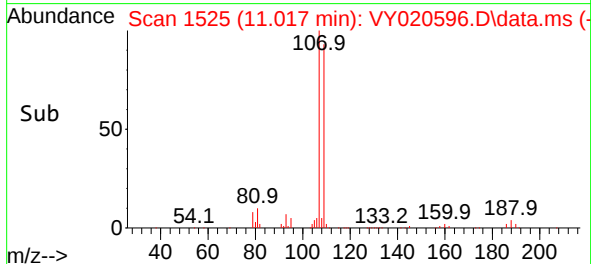
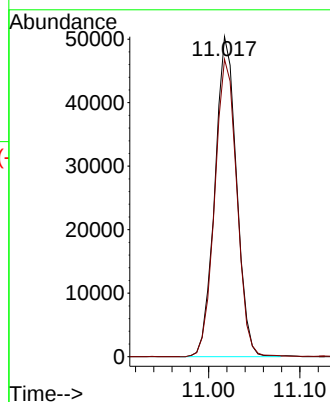
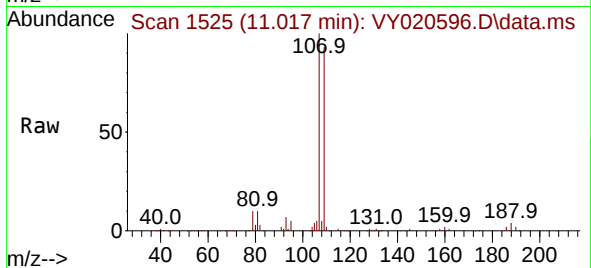
ClientSampleId :

Tgt Ion:107 Resp: 82930

Ion Ratio Lower Upper

107 100

109 94.9 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 50.340 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

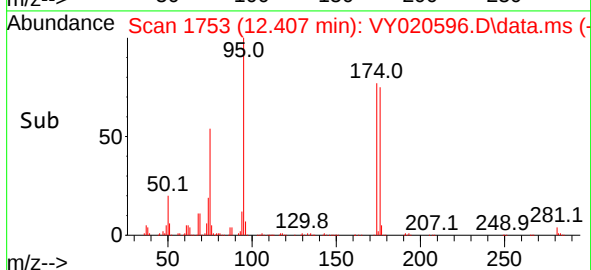
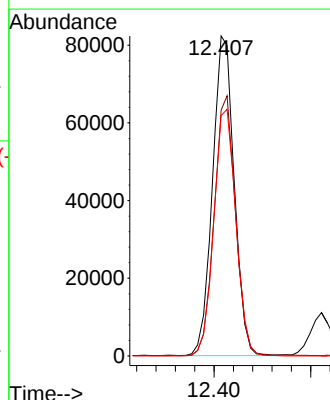
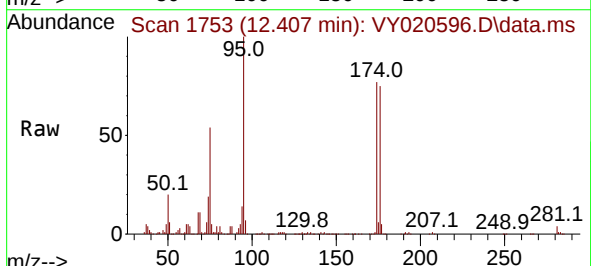
Tgt Ion: 95 Resp: 128201

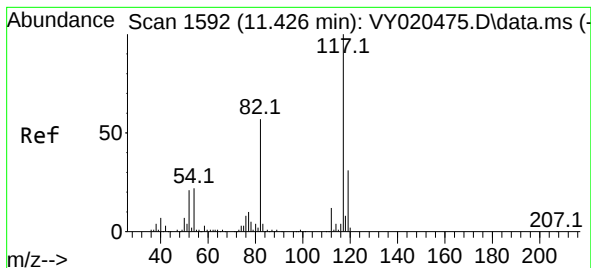
Ion Ratio Lower Upper

95 100

174 79.9 0.0 156.8

176 78.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

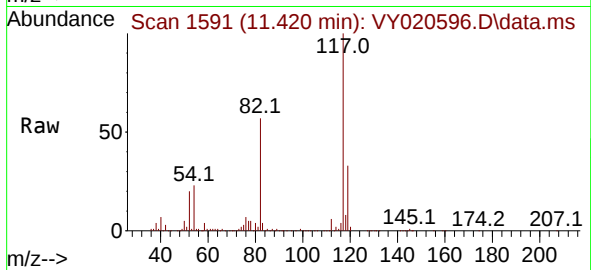
Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :



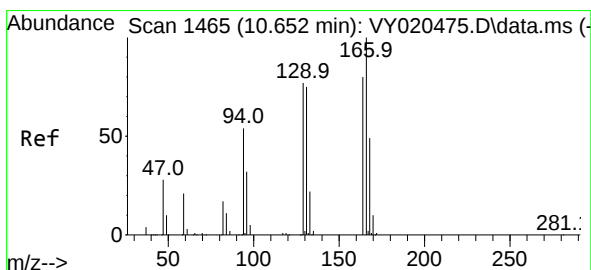
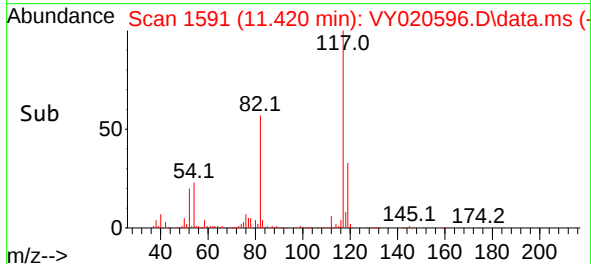
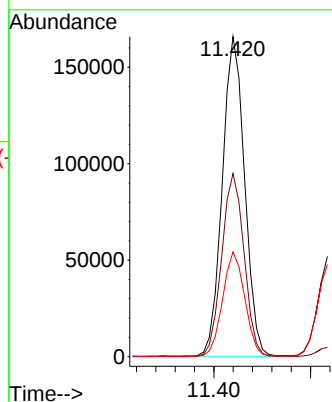
Tgt Ion:117 Resp: 264792

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.4

119 32.6 25.8 38.8



#64

Tetrachloroethene

Concen: 70.431 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Tgt Ion:164 Resp: 157584

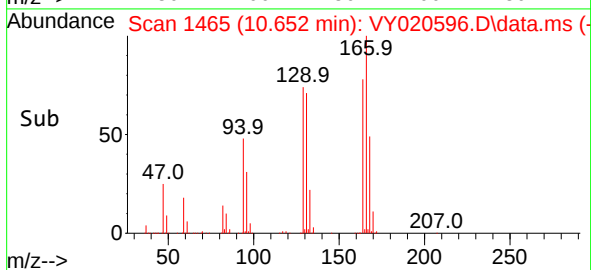
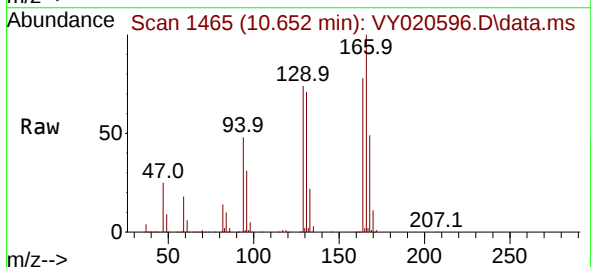
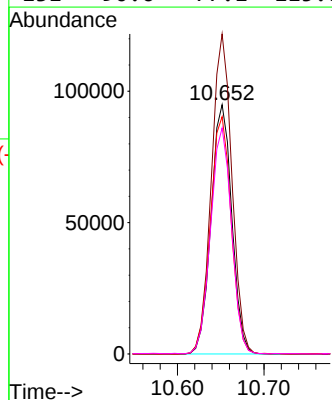
Ion Ratio Lower Upper

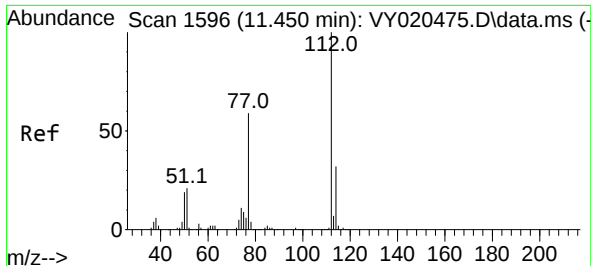
164 100

166 128.4 103.8 155.8

129 95.1 79.0 118.4

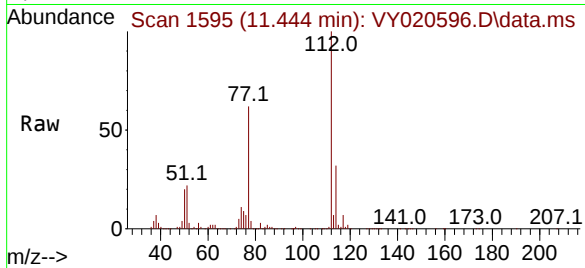
131 90.6 77.1 115.7



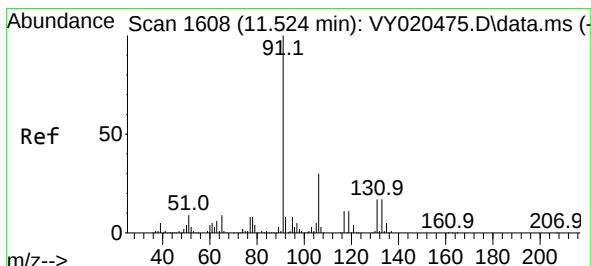
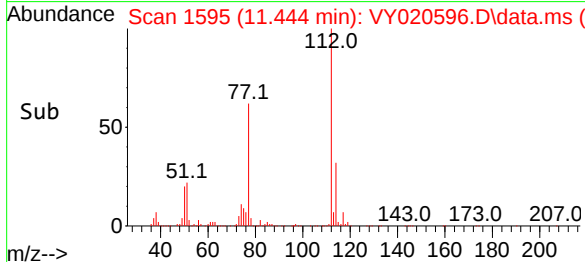
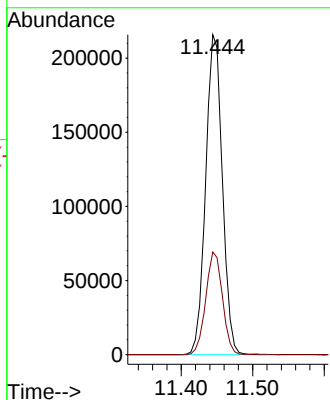


#65
Chlorobenzene
Concen: 52.655 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Instrument :
MSVOA_Y
ClientSampleId :

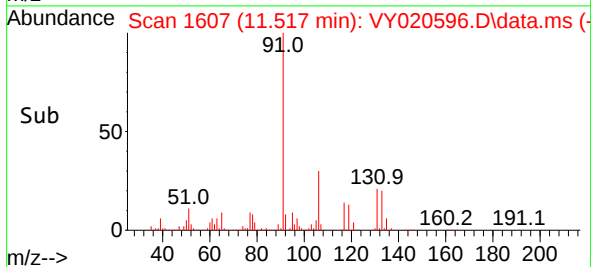
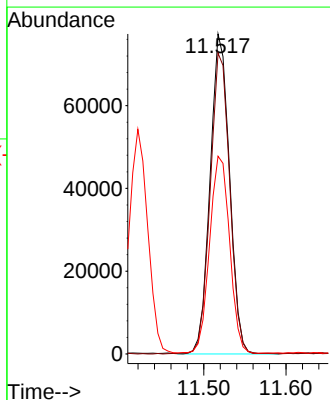
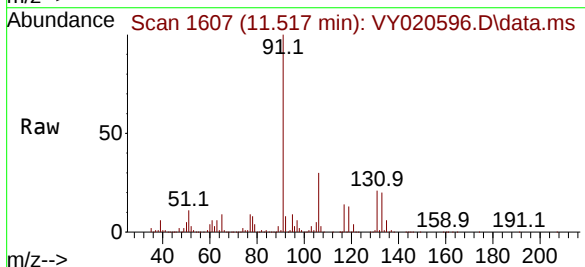


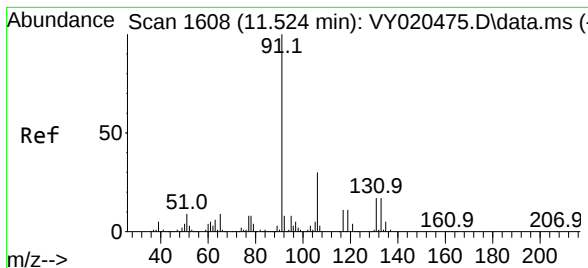
Tgt Ion:112 Resp: 349478
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.939 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion:131 Resp: 126963
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 63.3 32.5 97.5





#67

Ethyl Benzene

Concen: 50.494 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

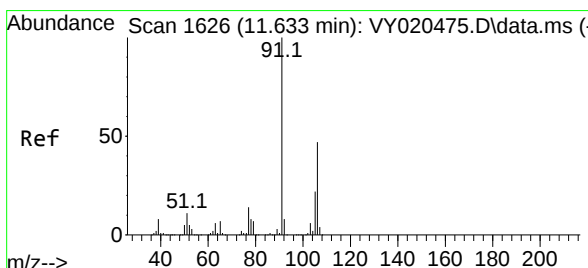
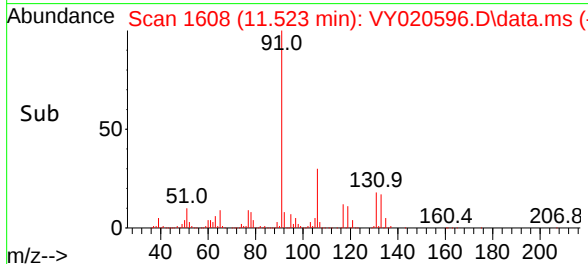
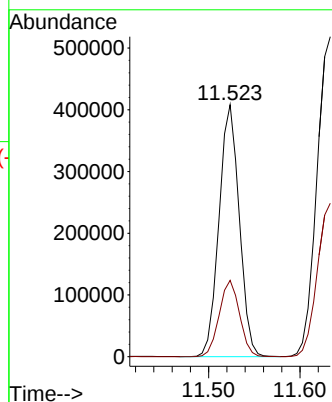
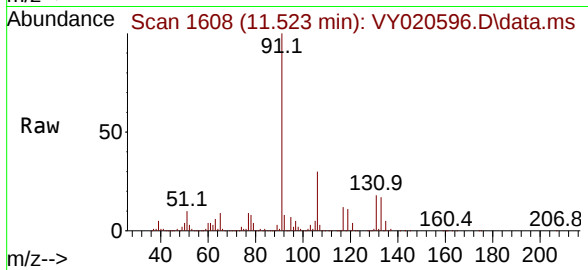
ClientSampleId :

Tgt Ion: 91 Resp: 628187

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 101.138 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020596.D

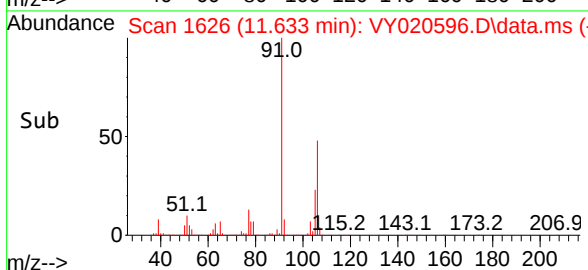
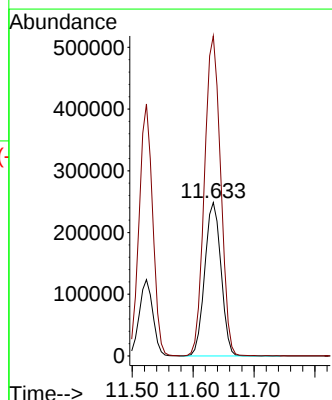
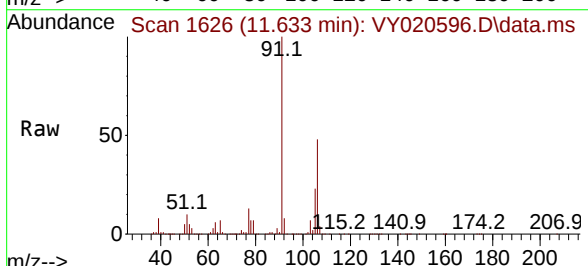
Acq: 12 Dec 2024 17:08

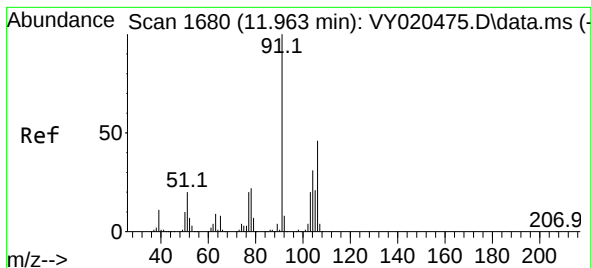
Tgt Ion:106 Resp: 460730

Ion Ratio Lower Upper

106 100

91 207.4 166.0 249.0





#69

o-Xylene

Concen: 52.865 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

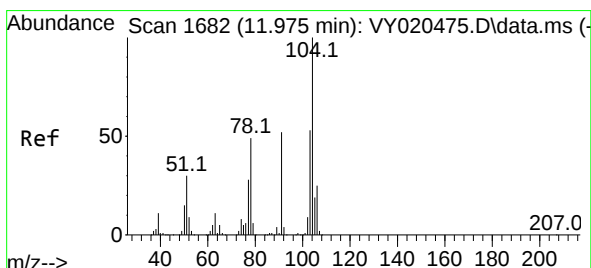
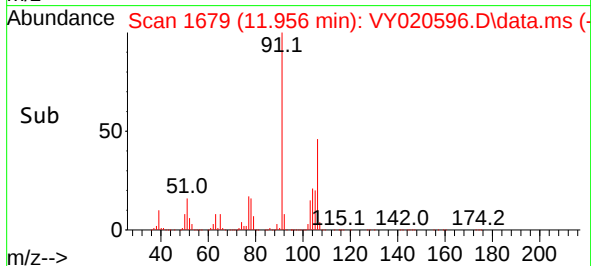
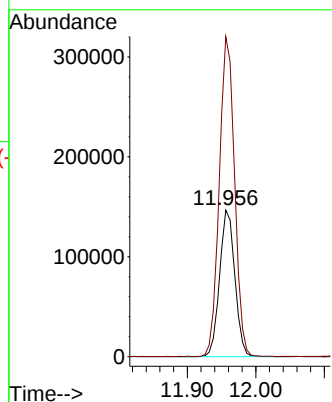
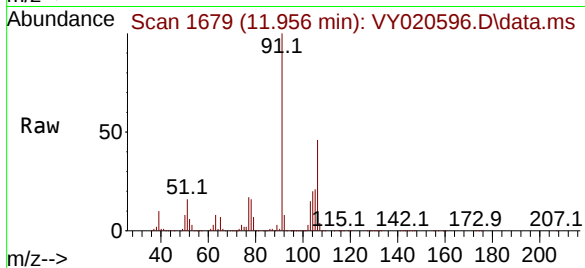
ClientSampleId :

Tgt Ion:106 Resp: 225613

Ion Ratio Lower Upper

106 100

91 219.0 110.0 330.0



#70

Styrene

Concen: 53.915 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

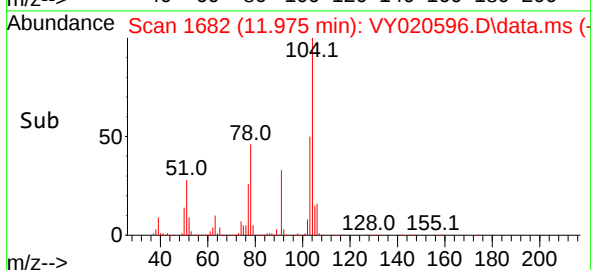
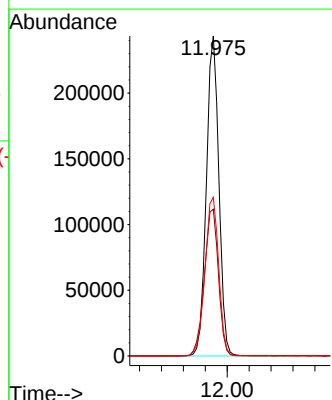
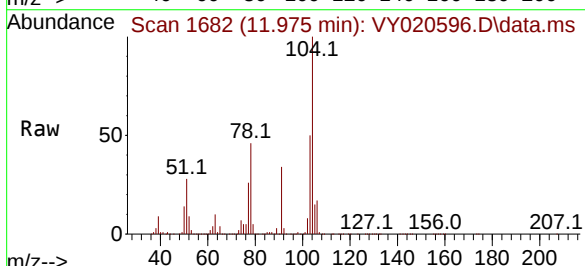
Tgt Ion:104 Resp: 383883

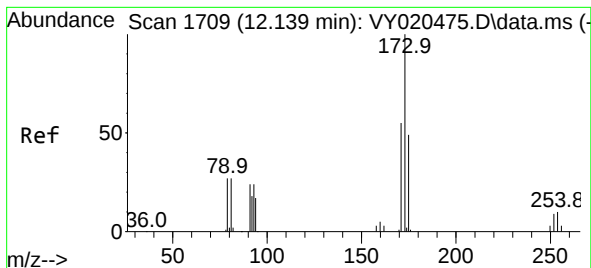
Ion Ratio Lower Upper

104 100

78 51.8 41.4 62.2

103 54.8 44.2 66.4





#71

Bromoform

Concen: 59.369 ug/l

RT: 12.139 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

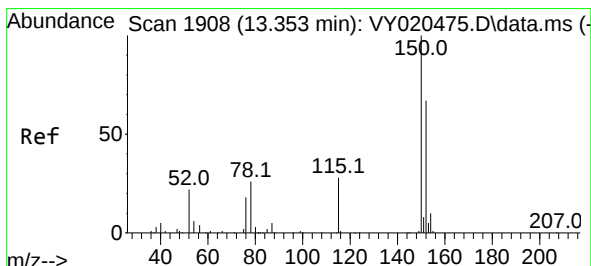
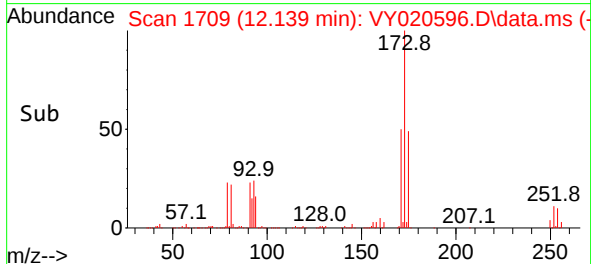
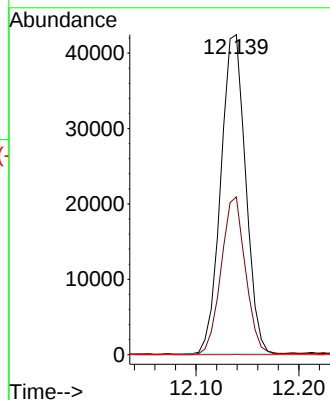
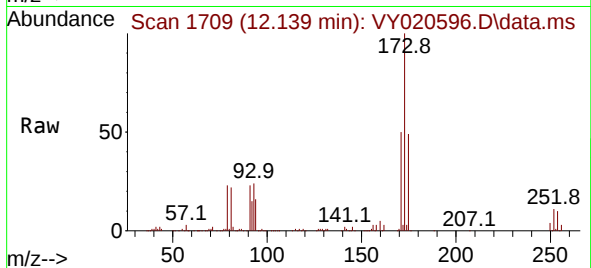
Tgt Ion:173 Resp: 71049

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

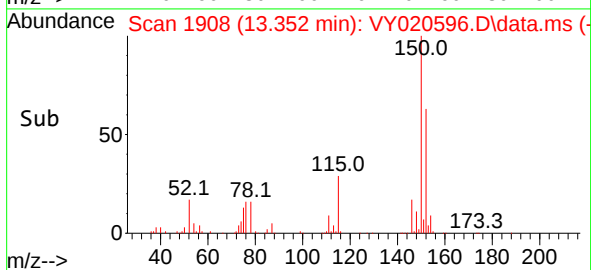
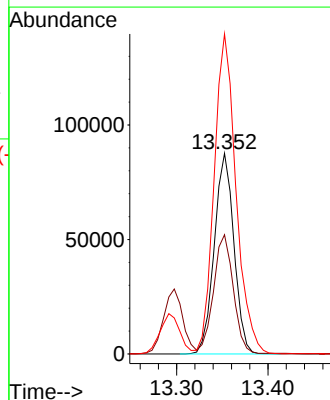
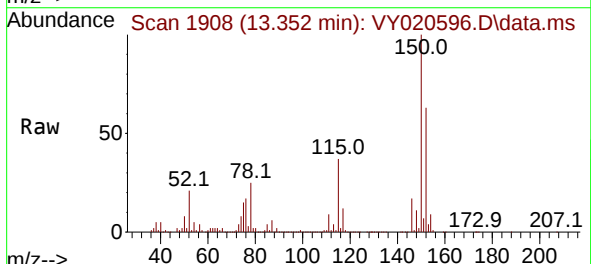
Tgt Ion:152 Resp: 130748

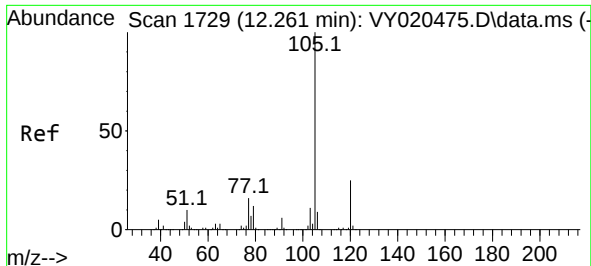
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 177.6 0.0 348.2

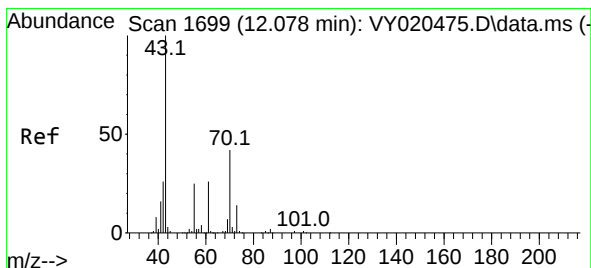
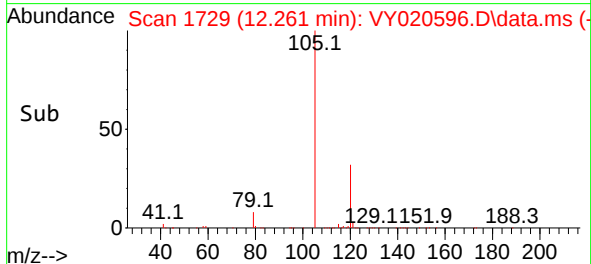
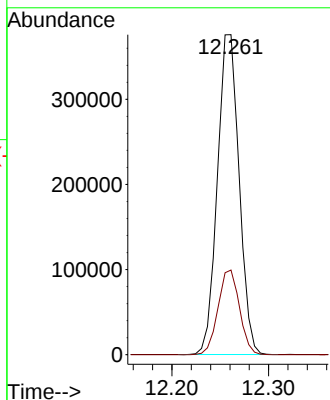
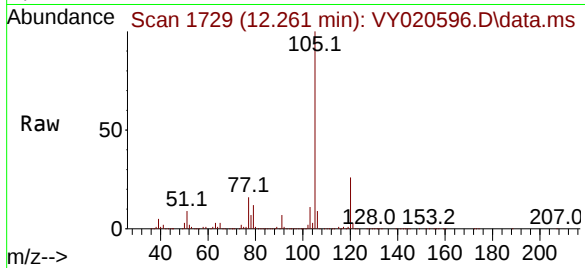




#73
Isopropylbenzene
Concen: 46.265 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

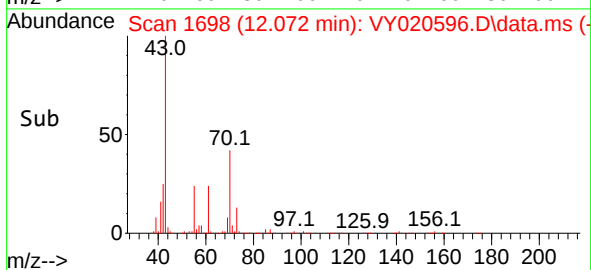
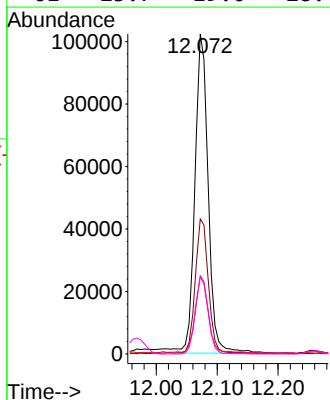
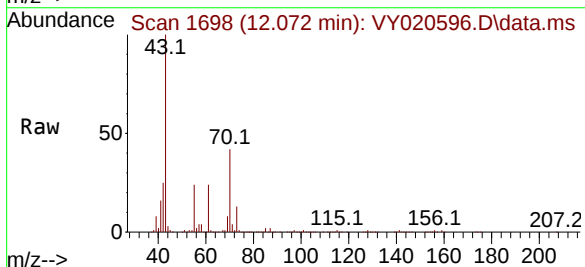
Instrument :
MSVOA_Y
ClientSampleId :

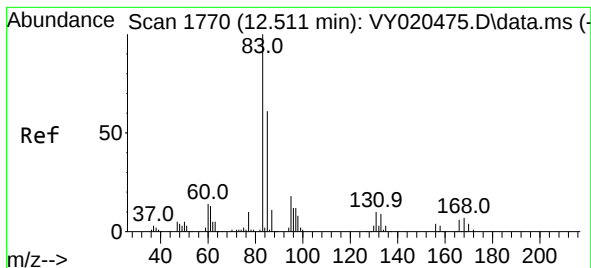
Tgt Ion:105 Resp: 585277
Ion Ratio Lower Upper
105 100
120 26.1 12.7 38.1



#74
N-ethyl acetate
Concen: 62.059 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 43 Resp: 153875
Ion Ratio Lower Upper
43 100
70 41.3 32.9 49.3
55 23.8 19.3 28.9
61 23.7 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 54.600 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

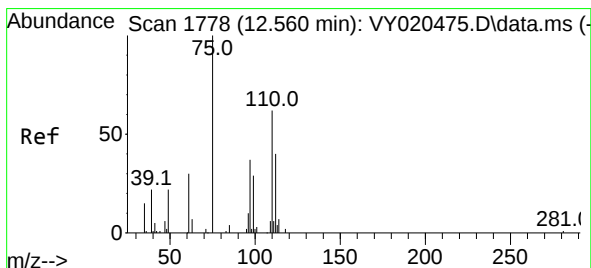
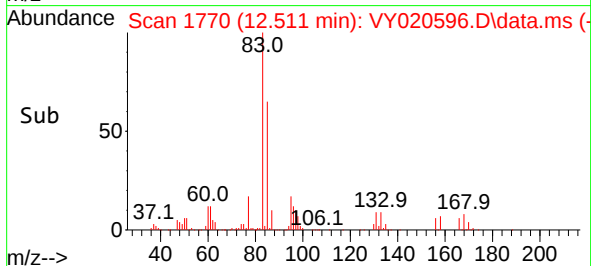
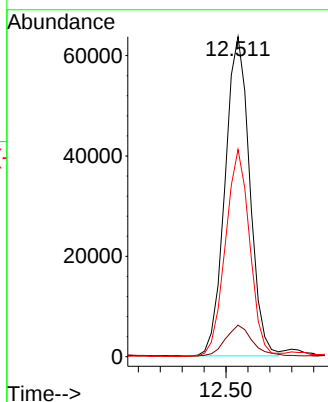
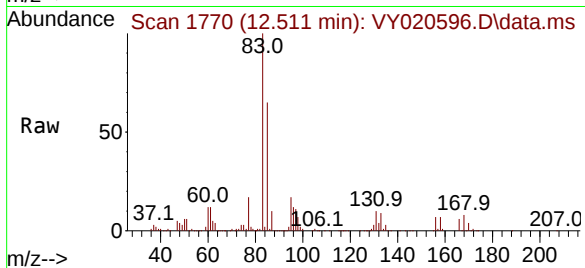
Tgt Ion: 83 Resp: 99332

Ion Ratio Lower Upper

83 100

131 10.8 4.8 14.4

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 98.566 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020596.D

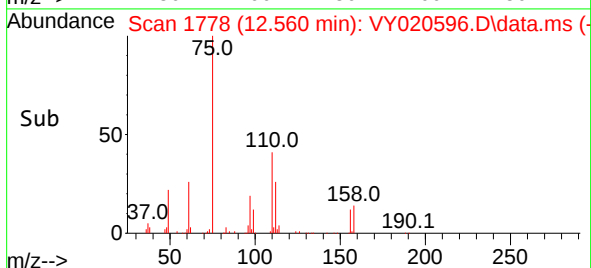
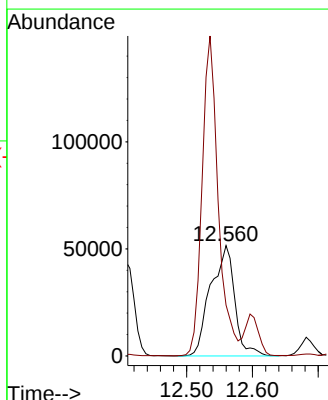
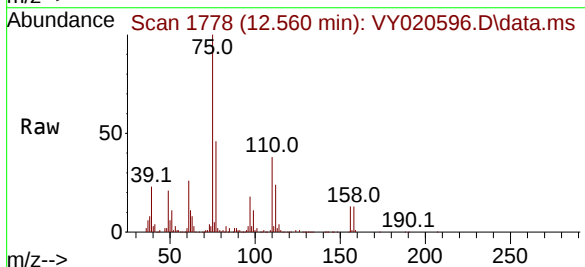
Acq: 12 Dec 2024 17:08

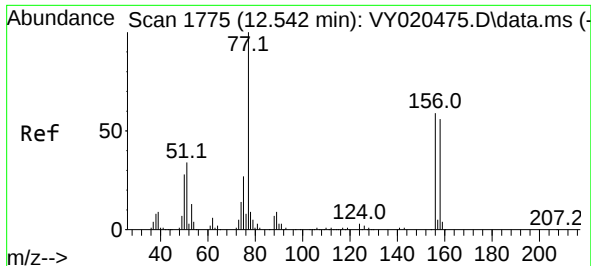
Tgt Ion: 75 Resp: 131281

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

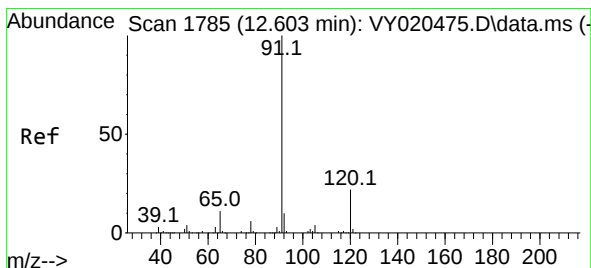
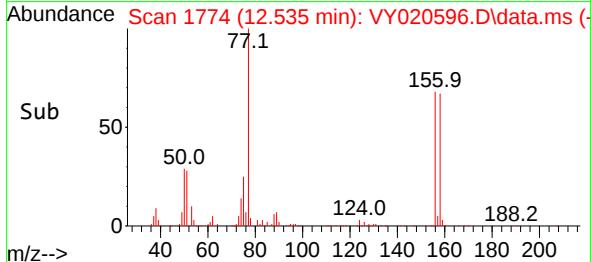
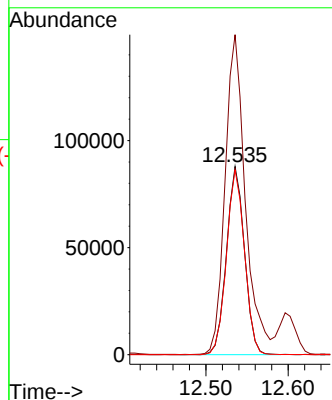
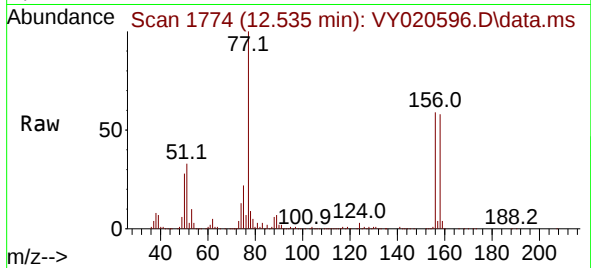




#77
Bromobenzene
Concen: 51.177 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

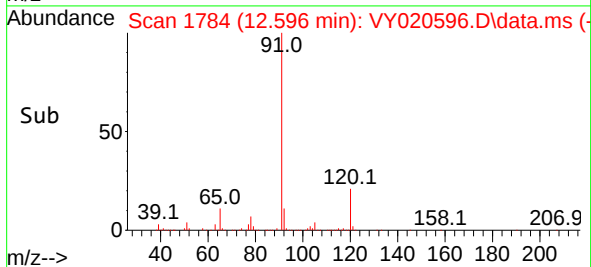
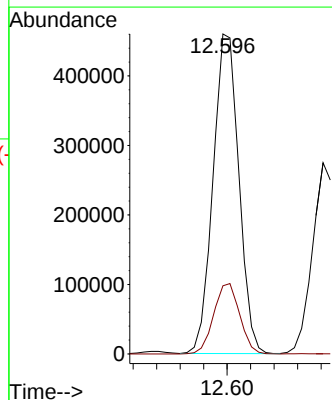
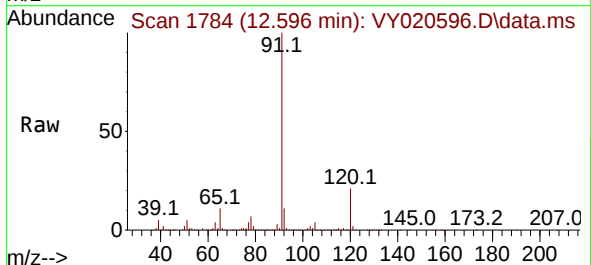
Instrument :
MSVOA_Y
ClientSampleId :

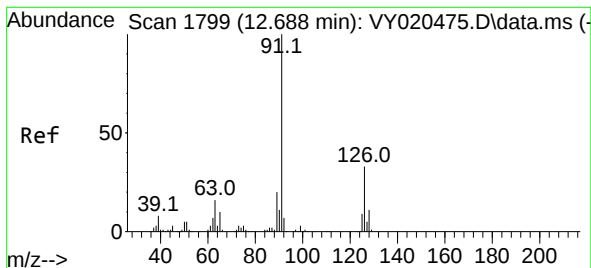
Tgt Ion:156 Resp: 134074
Ion Ratio Lower Upper
156 100
77 191.0 97.2 291.6
158 98.6 47.8 143.4



#78
n-propylbenzene
Concen: 46.807 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 91 Resp: 701067
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.6





#79

2-Chlorotoluene

Concen: 48.900 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

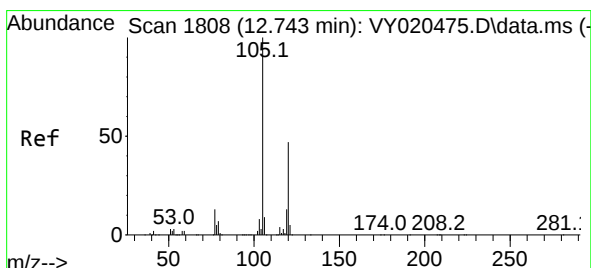
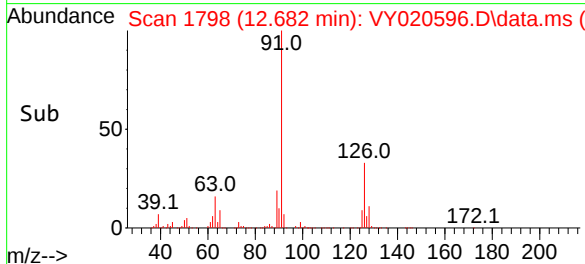
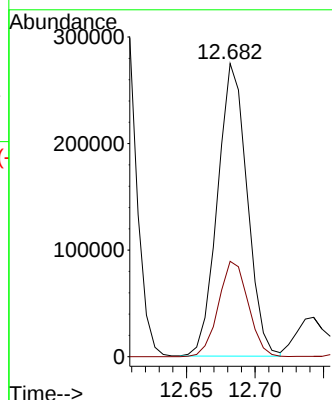
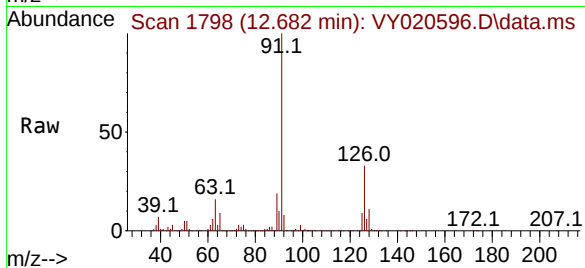
ClientSampleId :

Tgt Ion: 91 Resp: 413288

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 47.549 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020596.D

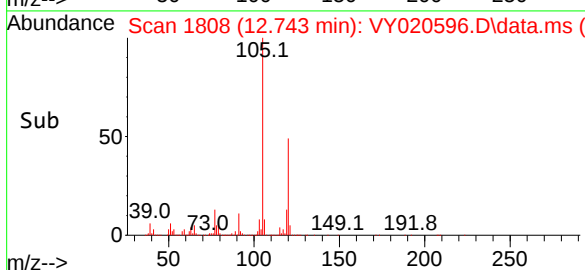
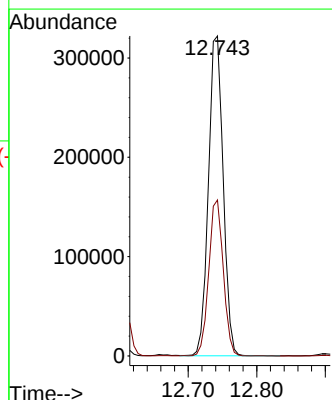
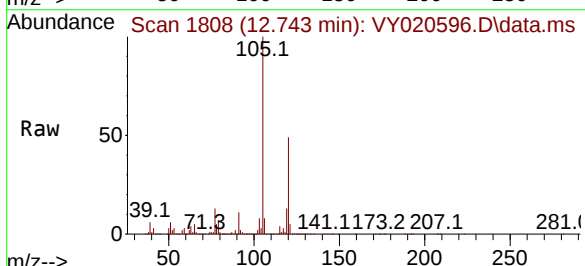
Acq: 12 Dec 2024 17:08

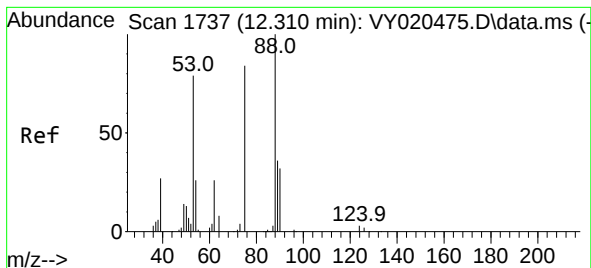
Tgt Ion:105 Resp: 482039

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

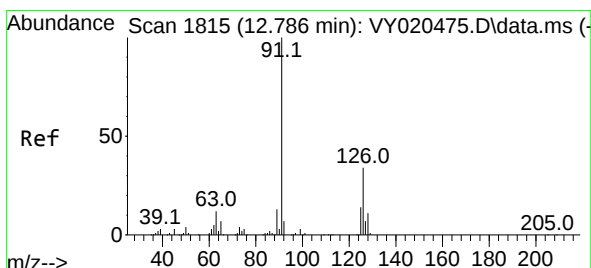
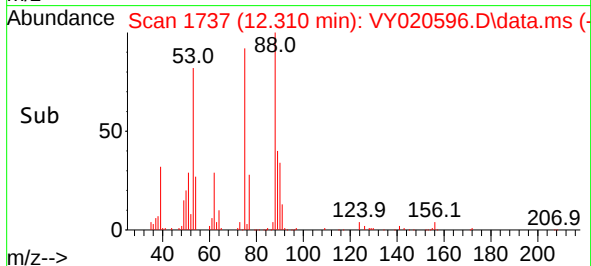
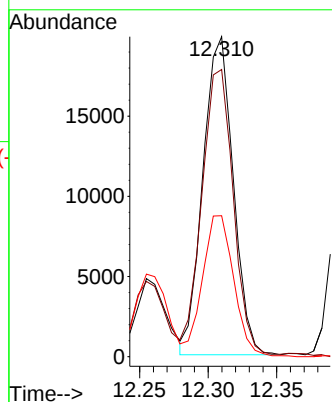
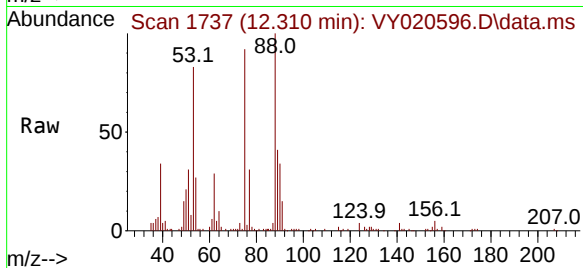




#81
trans-1,4-Dichloro-2-butene
Concen: 46.966 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

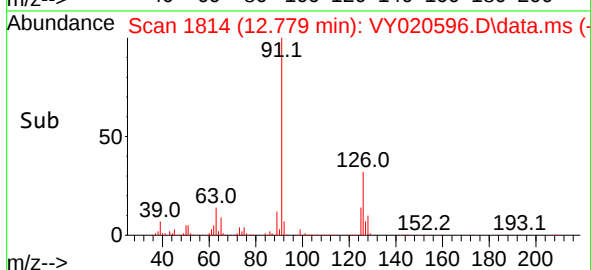
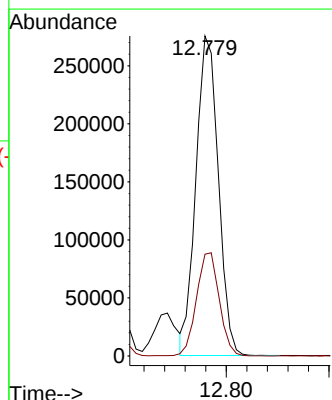
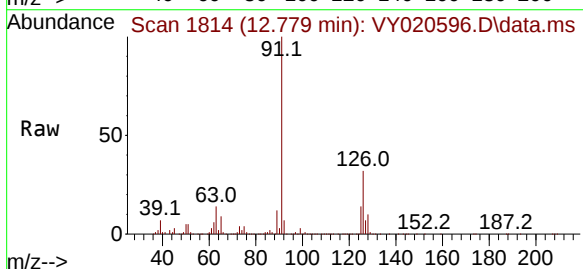
Instrument :
MSVOA_Y
ClientSampleId :

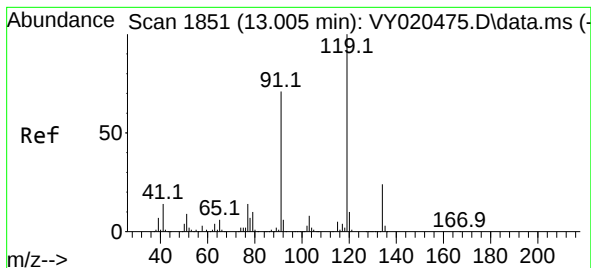
Tgt Ion: 75 Resp: 30487
Ion Ratio Lower Upper
75 100
53 92.5 81.1 121.7
89 46.1 35.1 52.7



#82
4-Chlorotoluene
Concen: 48.481 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020596.D
Acq: 12 Dec 2024 17:08

Tgt Ion: 91 Resp: 418133
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 47.630 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

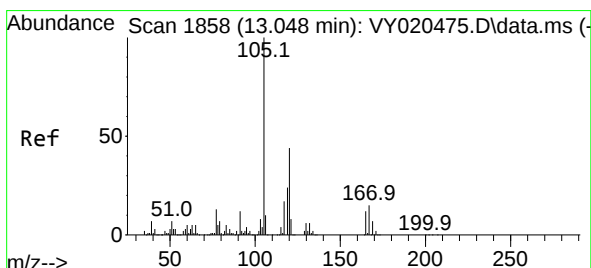
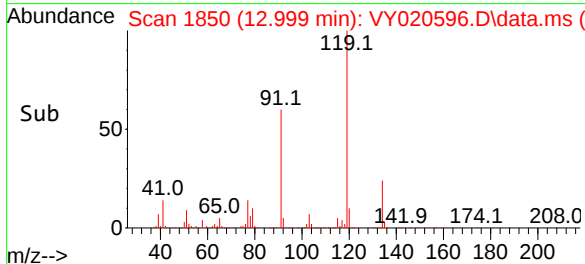
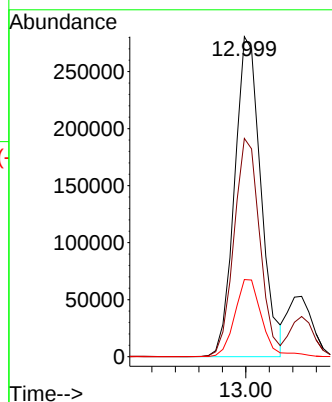
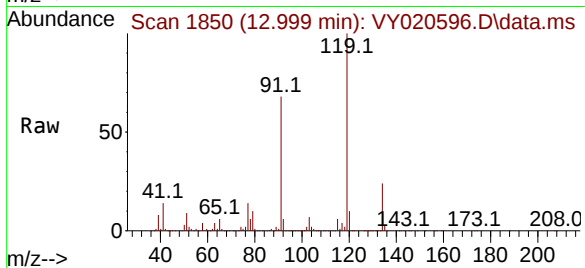
Tgt Ion:119 Resp: 436559

Ion Ratio Lower Upper

119 100

91 66.9 33.3 99.9

134 24.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.944 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020596.D

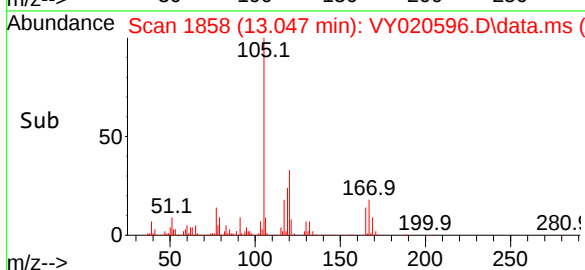
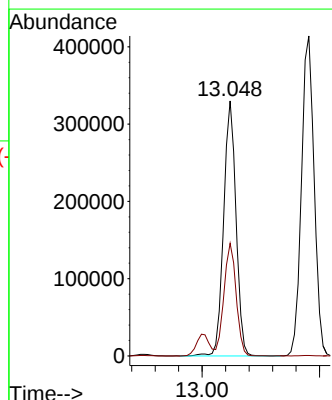
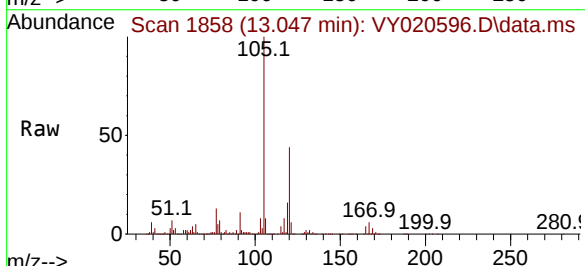
Acq: 12 Dec 2024 17:08

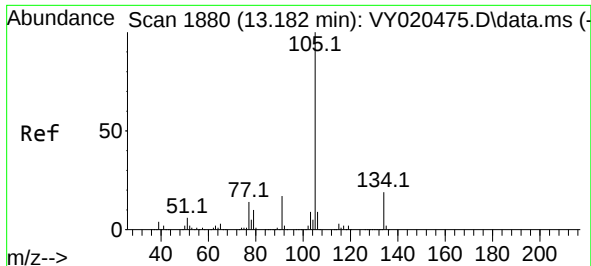
Tgt Ion:105 Resp: 482272

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0

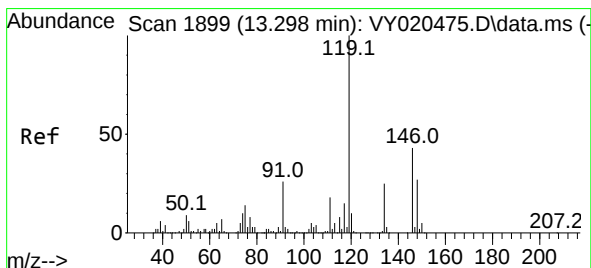
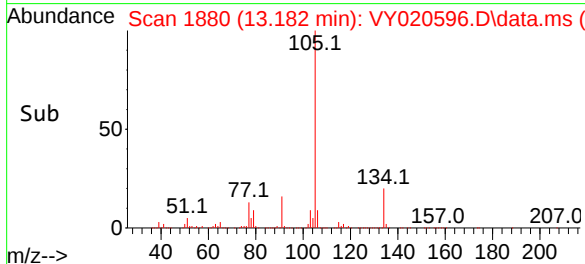
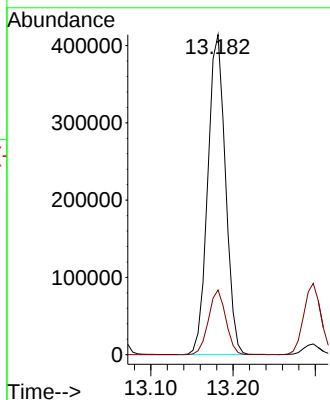
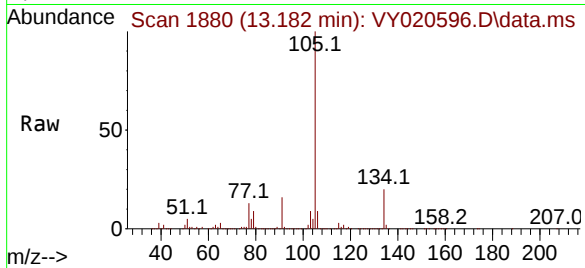




#85
 sec-Butylbenzene
 Concen: 47.037 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

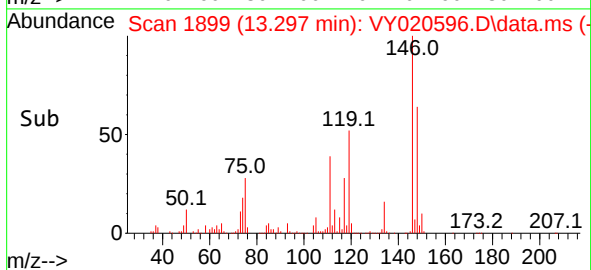
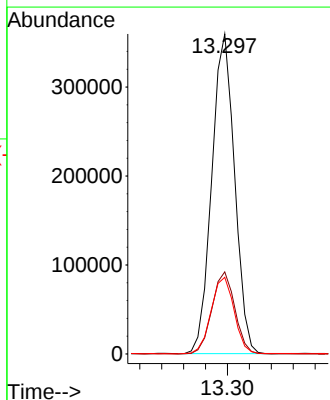
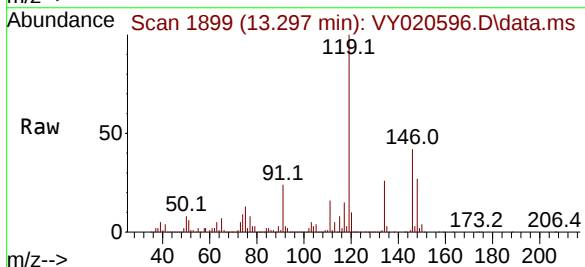
Instrument :
 MSVOA_Y
 ClientSampleId :

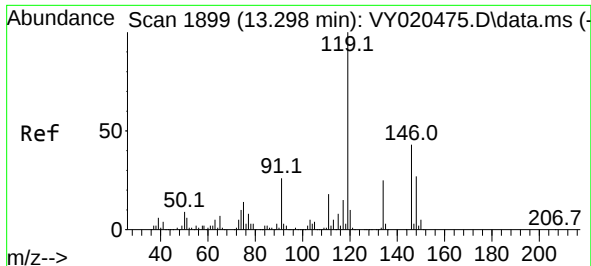
Tgt Ion:105 Resp: 617856
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 47.862 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020596.D
 Acq: 12 Dec 2024 17:08

Tgt Ion:119 Resp: 519530
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.2 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.484 ug/l

RT: 13.291 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

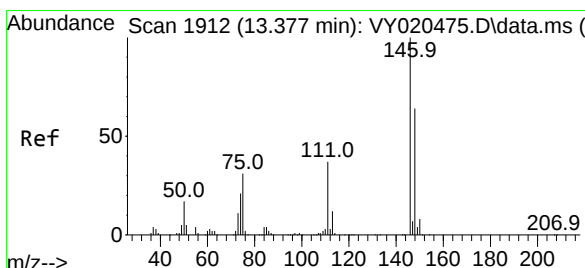
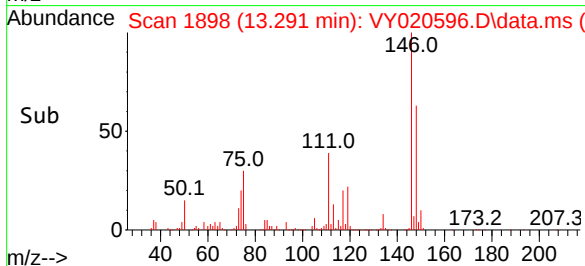
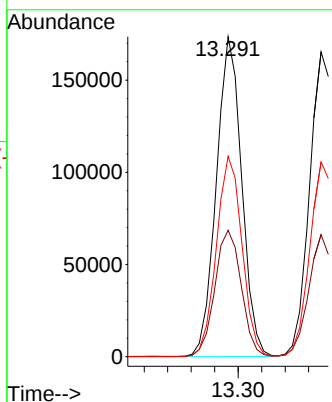
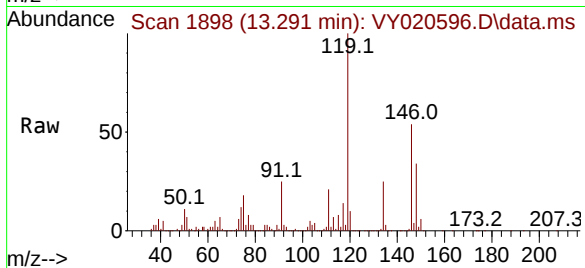
Tgt Ion:146 Resp: 260120

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 51.265 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

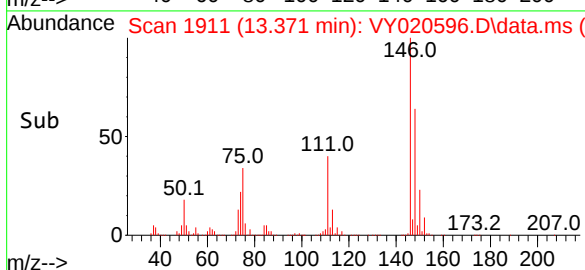
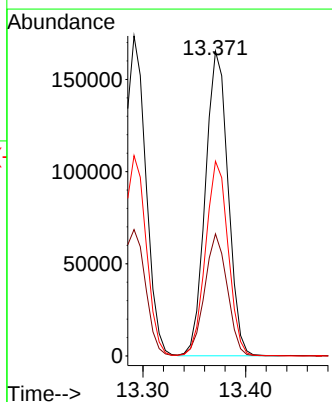
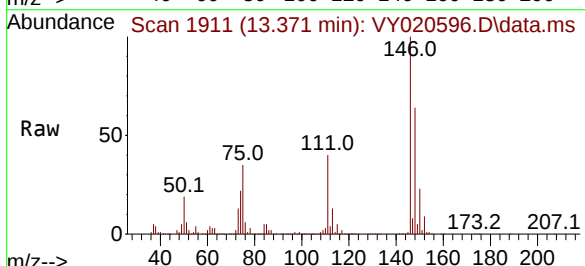
Tgt Ion:146 Resp: 253565

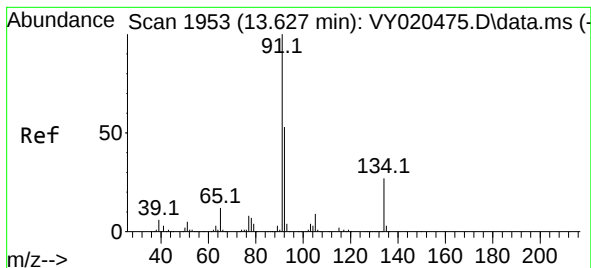
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.6

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 48.047 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

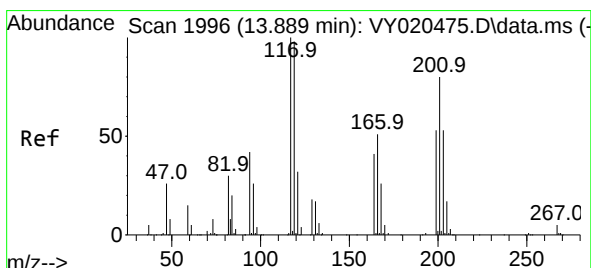
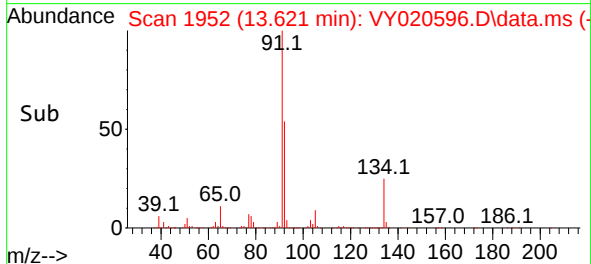
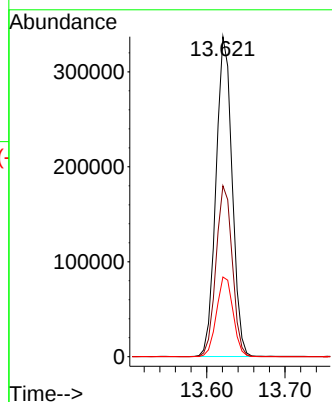
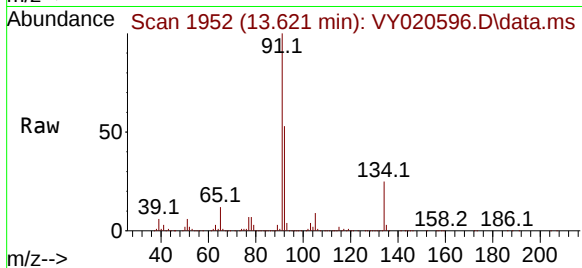
Tgt Ion: 91 Resp: 483704

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.5

134 25.6 12.2 36.4



#90

Hexachloroethane

Concen: 50.474 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020596.D

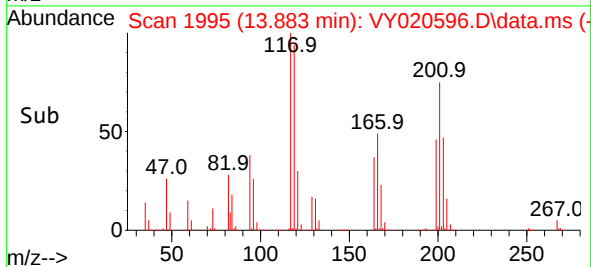
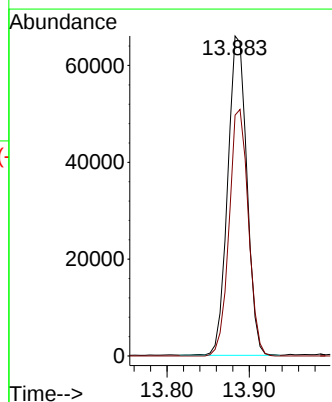
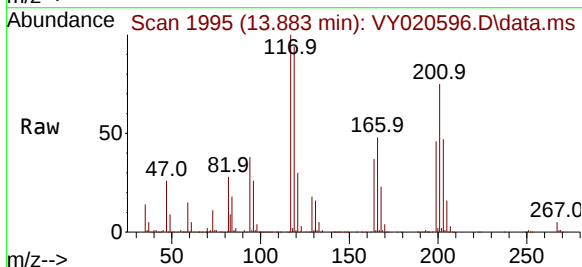
Acq: 12 Dec 2024 17:08

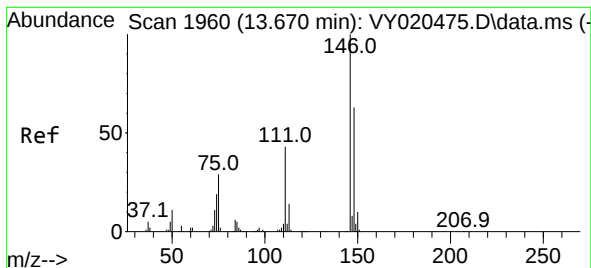
Tgt Ion:117 Resp: 106773

Ion Ratio Lower Upper

117 100

201 77.4 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 53.756 ug/l

RT: 13.663 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

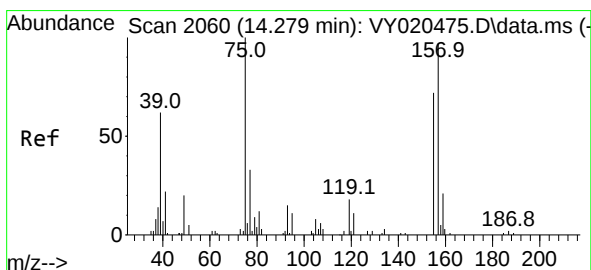
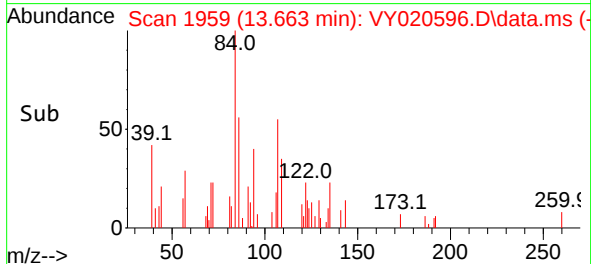
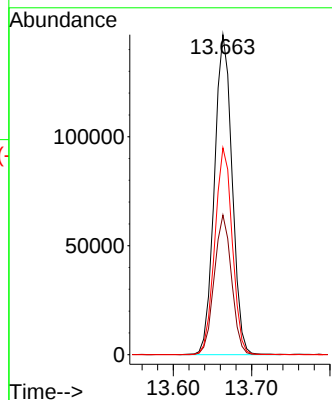
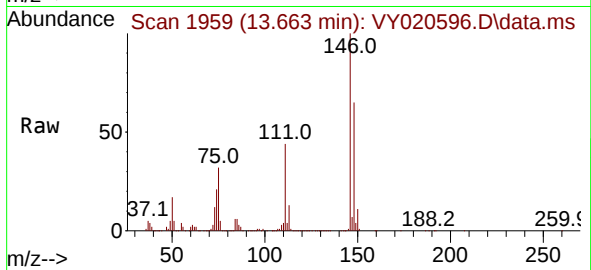
Tgt Ion:146 Resp: 230327

Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.5

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.743 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

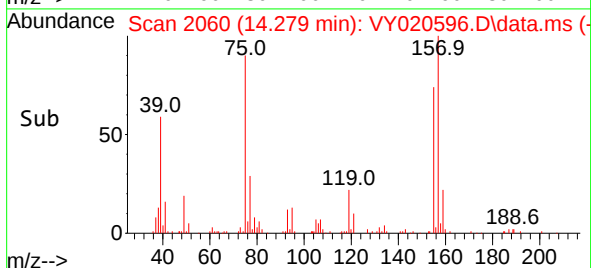
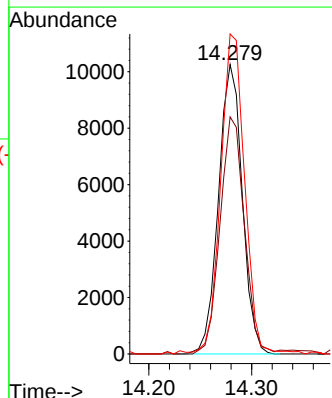
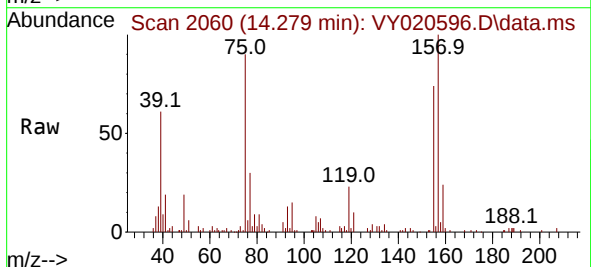
Tgt Ion: 75 Resp: 16454

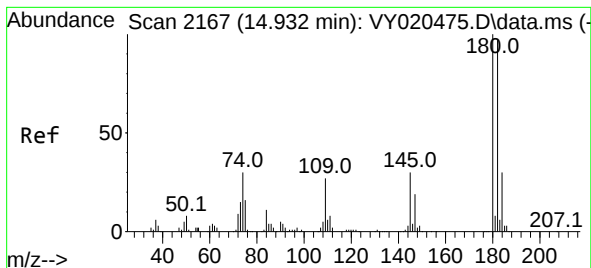
Ion Ratio Lower Upper

75 100

155 83.5 39.7 119.1

157 111.8 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 58.760 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

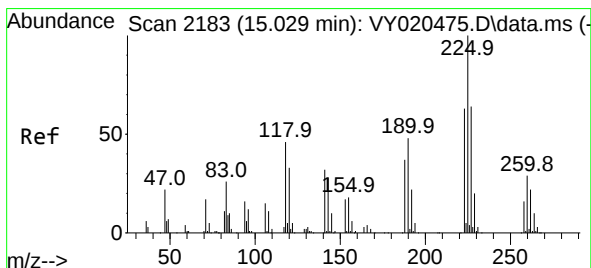
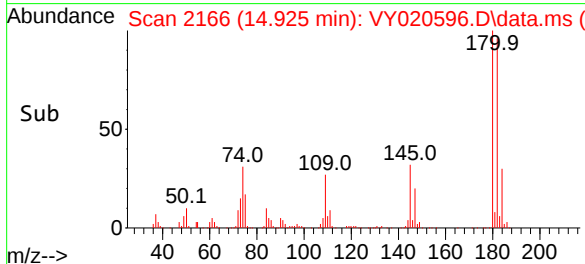
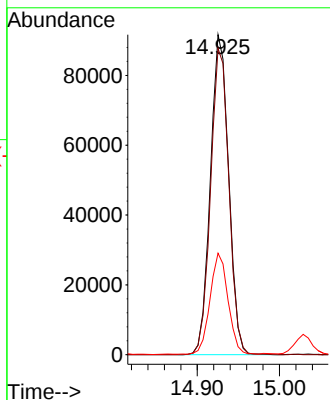
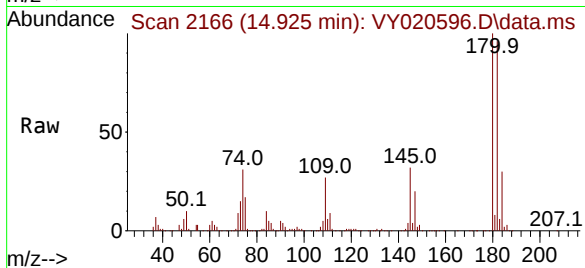
Tgt Ion:180 Resp: 141570

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.8

145 30.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 53.076 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

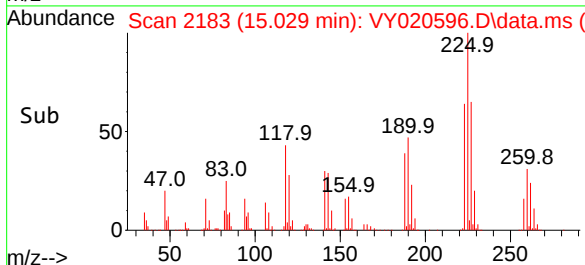
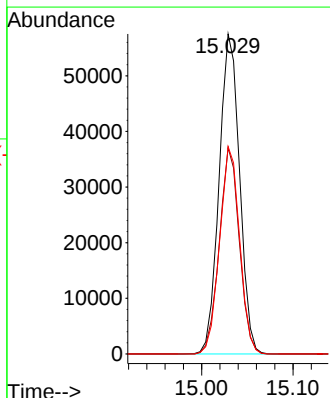
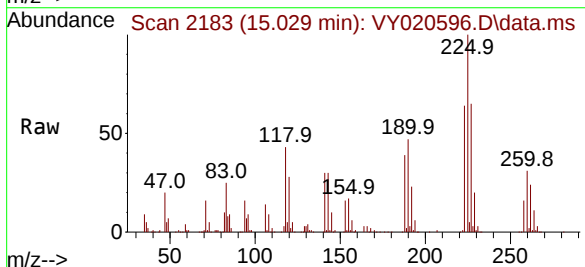
Tgt Ion:225 Resp: 89459

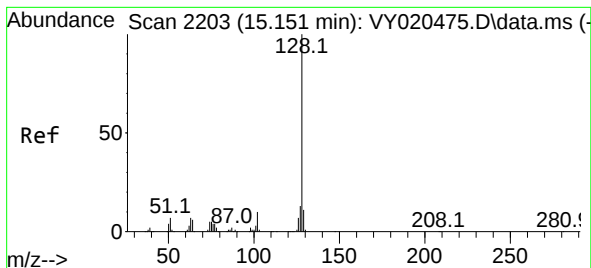
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 67.715 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

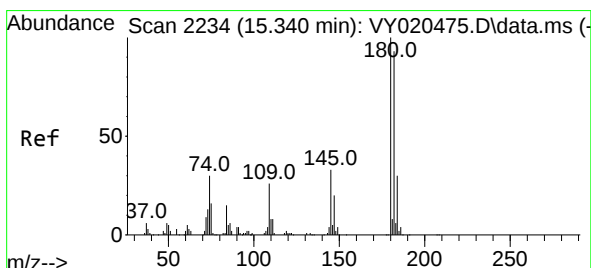
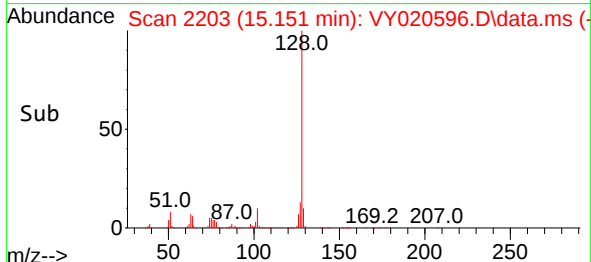
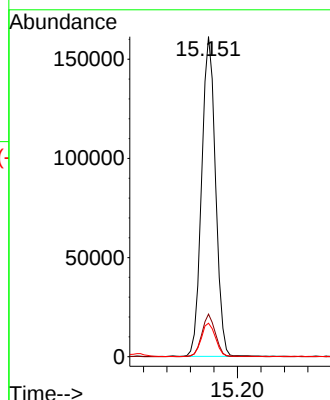
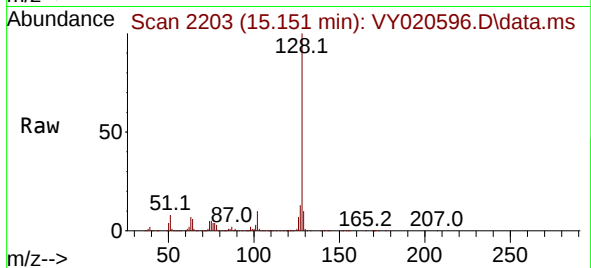
Tgt Ion:128 Resp: 264003

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 63.096 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020596.D

Acq: 12 Dec 2024 17:08

Tgt Ion:180 Resp: 122662

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.3

145 33.8 16.9 50.6

