

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020601.D
 Acq On : 13 Dec 2024 11:47
 Operator : SY/MD
 Sample : VY1213SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 13 22:27:45 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	7.719	168	181324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	284741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	114755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87822	47.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.646	113	90697	50.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.109	98	335028	49.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.413	95	116480	48.791	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	27600	15.605	ug/l	98
3) Chloromethane	2.074	50	29233	16.324	ug/l	99
4) Vinyl Chloride	2.208	62	24916	13.646	ug/l	94
5) Bromomethane	2.604	94	13963	13.033	ug/l	93
6) Chloroethane	2.744	64	15869	14.180	ug/l	90
7) Trichlorofluoromethane	3.068	101	58961	17.241	ug/l	98
8) Diethyl Ether	3.464	74	18091	18.671	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.830	101	39182	19.664	ug/l	98
10) Methyl Iodide	4.019	142	38974	17.424	ug/l	98
11) Tert butyl alcohol	4.872	59	16560	138.433	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	34075	18.103	ug/l	94
13) Acrolein	3.659	56	10160	90.713	ug/l	98
14) Allyl chloride	4.397	41	63823	19.011	ug/l	94
15) Acrylonitrile	5.073	53	42859	106.162	ug/l	98
16) Acetone	3.878	43	48582	105.951	ug/l	99
17) Carbon Disulfide	4.116	76	73666	13.674	ug/l	96
18) Methyl Acetate	4.397	43	21770	22.338	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	97974	20.382	ug/l	99
20) Methylene Chloride	4.628	84	40321	20.671	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	38546	18.437	ug/l	97
22) Diisopropyl ether	6.030	45	143617	21.513	ug/l	98
23) Vinyl Acetate	5.976	43	368099	104.249	ug/l	99
24) 1,1-Dichloroethane	5.927	63	80823	20.110	ug/l	98
25) 2-Butanone	6.902	43	63708	110.030	ug/l	100
26) 2,2-Dichloropropane	6.896	77	74855	19.692	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	48140	19.720	ug/l	98
28) Bromochloromethane	7.256	49	26613	17.732	ug/l	95
29) Tetrahydrofuran	7.268	42	34889	105.623	ug/l	98
30) Chloroform	7.427	83	83257	20.185	ug/l	98
31) Cyclohexane	7.713	56	63187	17.391	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	76170	19.178	ug/l	98
36) 1,1-Dichloropropene	7.841	75	55608	18.370	ug/l	99
37) Ethyl Acetate	6.994	43	25926	21.618	ug/l	99
38) Carbon Tetrachloride	7.829	117	67801	18.766	ug/l	95
39) Methylcyclohexane	9.115	83	66263	17.640	ug/l	94
40) Benzene	8.085	78	174651	19.568	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	16039	23.526	ug/l	96
42) 1,2-Dichloroethane	8.164	62	46858	19.980	ug/l	98
43) Isopropyl Acetate	8.201	43	52301	21.597	ug/l	98
44) Trichloroethene	8.871	130	43467	19.755	ug/l	100
45) 1,2-Dichloropropane	9.146	63	42270	20.239	ug/l	98
46) Dibromomethane	9.243	93	20961	20.270	ug/l	96
47) Bromodichloromethane	9.426	83	62152	20.400	ug/l	96
48) Methyl methacrylate	9.225	41	23394	20.716	ug/l	97
49) 1,4-Dioxane	9.237	88	4609	466.285	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	133227	111.398	ug/l	99
52) Toluene	10.176	92	108717	19.523	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	54914	20.076	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	66170	20.469	ug/l	94
55) 1,1,2-Trichloroethane	10.578	97	29696	21.527	ug/l	97
56) Ethyl methacrylate	10.444	69	39768	20.375	ug/l	97
57) 1,3-Dichloropropane	10.725	76	52152	21.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	88569	96.917	ug/l	100
59) 2-Hexanone	10.767	43	94065	109.027	ug/l	96
60) Dibromochloromethane	10.920	129	40634	21.158	ug/l	97
61) 1,2-Dibromoethane	11.017	107	25980	20.595	ug/l	97
64) Tetrachloroethene	10.652	164	37616	18.909	ug/l	98
65) Chlorobenzene	11.444	112	119775	20.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	42323	20.223	ug/l	99
67) Ethyl Benzene	11.523	91	218153	19.722	ug/l	100
68) m/p-Xylenes	11.633	106	160392	39.600	ug/l	99
69) o-Xylene	11.956	106	75686	19.946	ug/l	99
70) Styrene	11.974	104	128554	20.307	ug/l	100
71) Bromoform	12.139	173	22035	20.709	ug/l #	98
73) Isopropylbenzene	12.261	105	213066	19.190	ug/l	99
74) N-amyl acetate	12.072	43	44196	20.309	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	33423	20.932	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	43792	37.461	ug/l #	100
77) Bromobenzene	12.535	156	44823	19.494	ug/l	97
78) n-propylbenzene	12.602	91	257615	19.597	ug/l	99
79) 2-Chlorotoluene	12.682	91	143363	19.327	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	172315	19.366	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11511	20.204	ug/l	94
82) 4-Chlorotoluene	12.779	91	148204	19.578	ug/l	99
83) tert-Butylbenzene	13.005	119	160049	19.896	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	168921	19.532	ug/l	99
85) sec-Butylbenzene	13.182	105	230308	19.977	ug/l	99
86) p-Isopropyltoluene	13.297	119	191023	20.051	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	89988	20.293	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	89285	20.567	ug/l	100
89) n-Butylbenzene	13.621	91	178414	20.192	ug/l	99
90) Hexachloroethane	13.883	117	36952	19.902	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	78019	20.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5092	21.065	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	43758	20.693	ug/l	99
94) Hexachlorobutadiene	15.029	225	31249	21.124	ug/l	98
95) Naphthalene	15.151	128	70945	20.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	37659	22.071	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

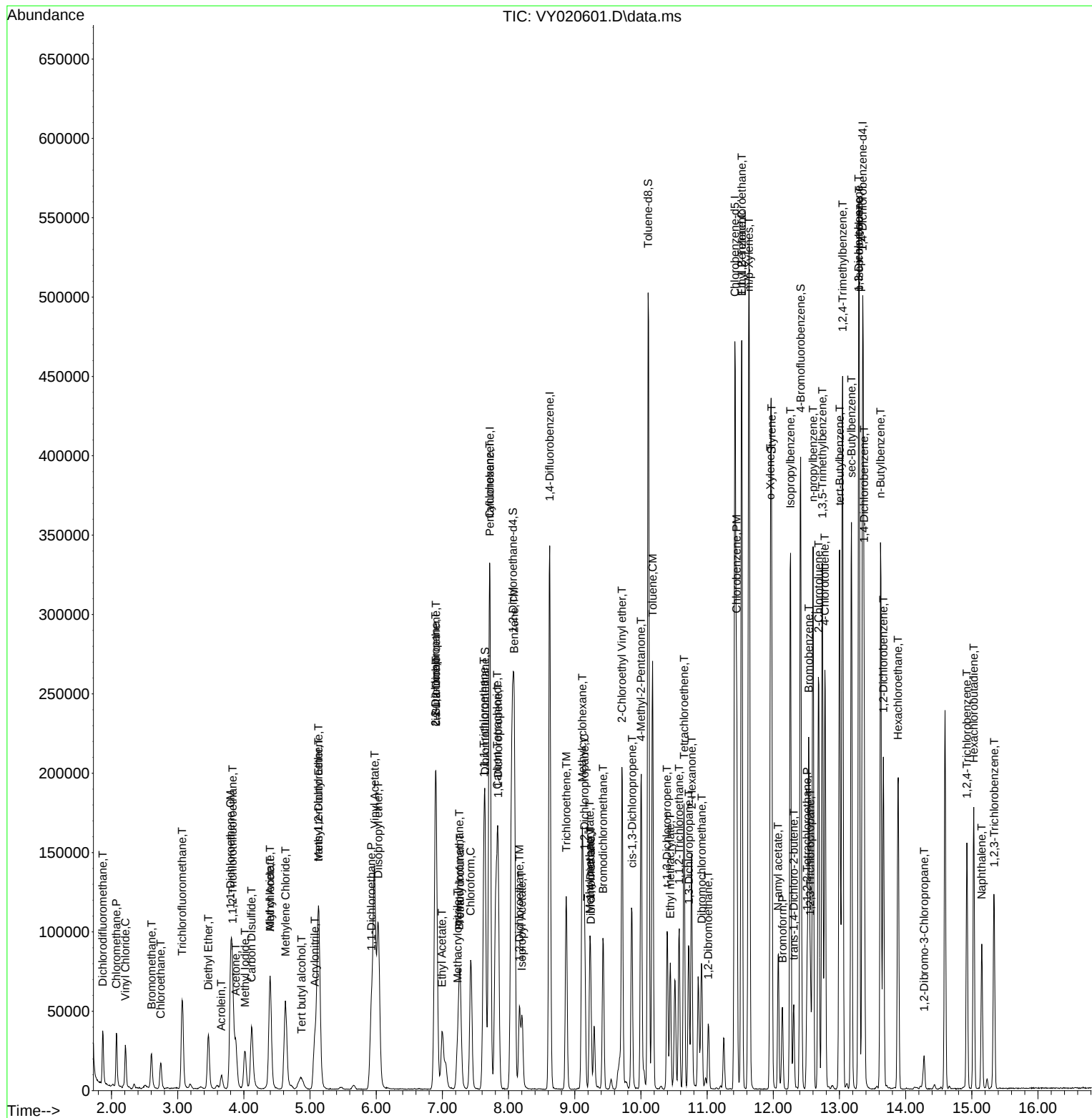
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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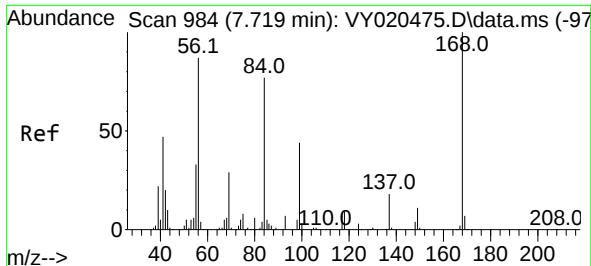
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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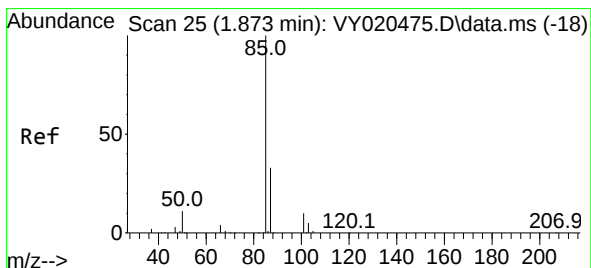
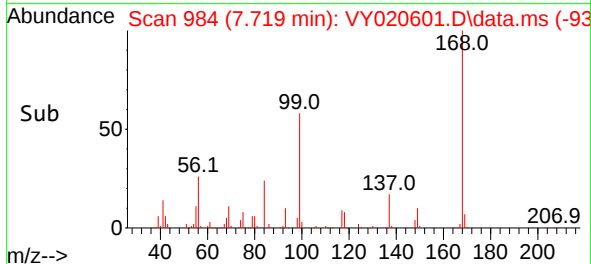
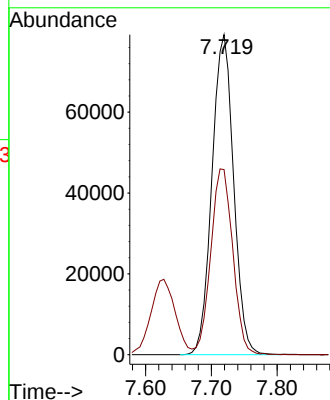
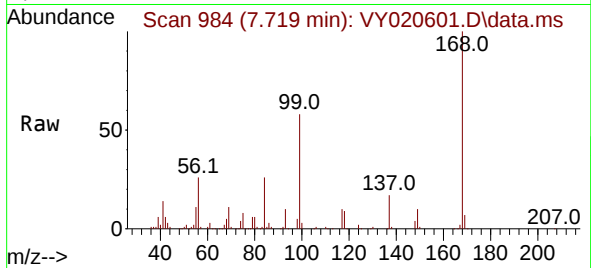




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020601.D
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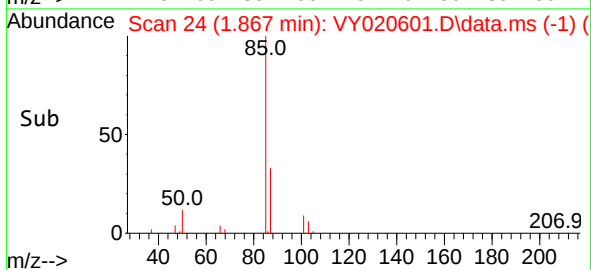
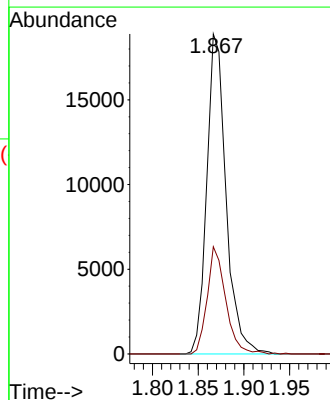
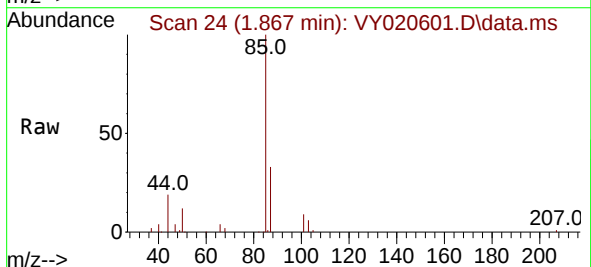
Instrument :
MSVOA_Y
ClientSampleId :

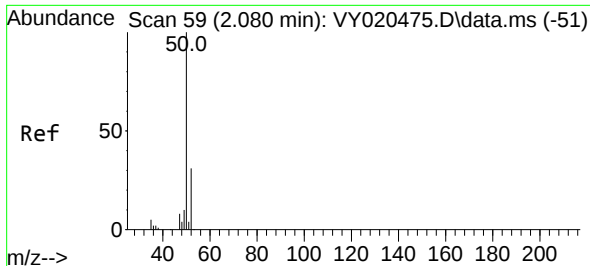
Tgt Ion:168 Resp: 181324
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 15.605 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

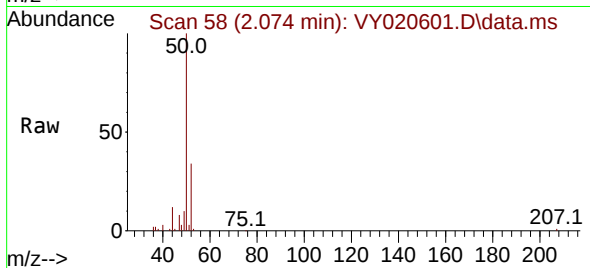
Tgt Ion: 85 Resp: 27600
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2



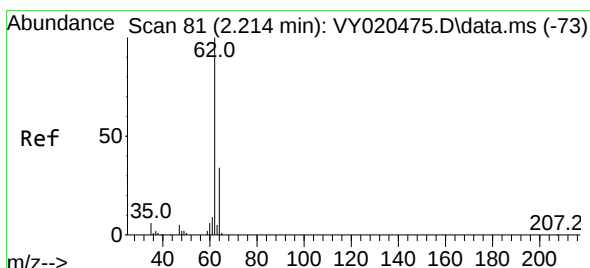
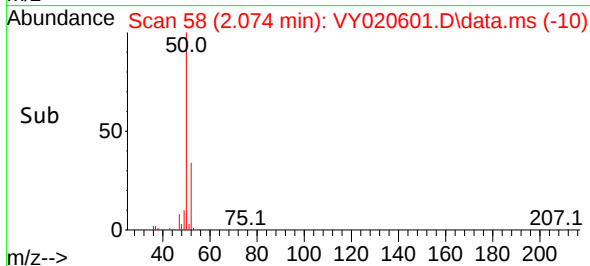
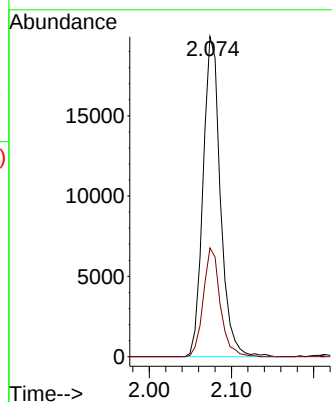


#3
Chloromethane
Concen: 16.324 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

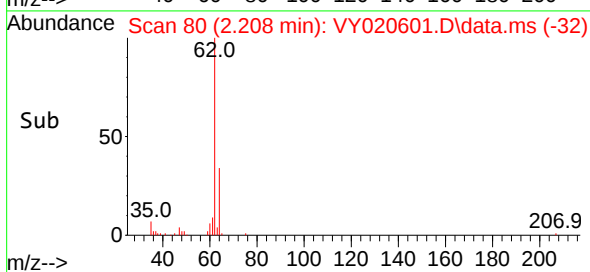
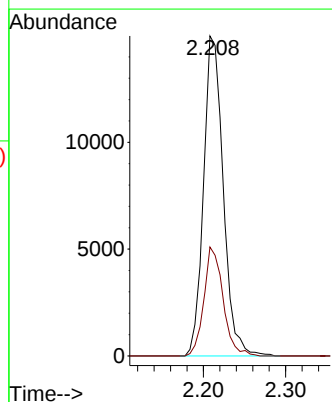
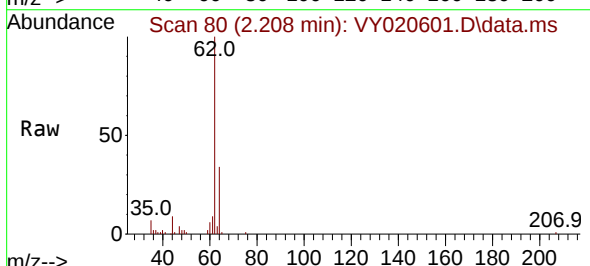


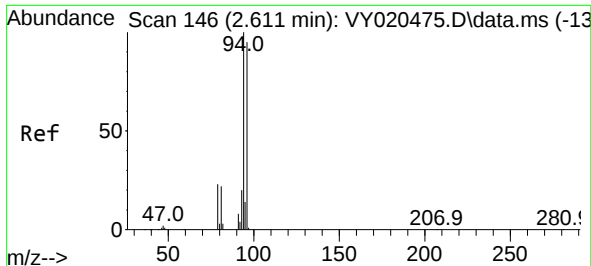
Tgt Ion: 50 Resp: 29233
Ion Ratio Lower Upper
50 100
52 34.0 26.9 40.3



#4
Vinyl Chloride
Concen: 13.646 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 62 Resp: 24916
Ion Ratio Lower Upper
62 100
64 34.0 24.7 37.1

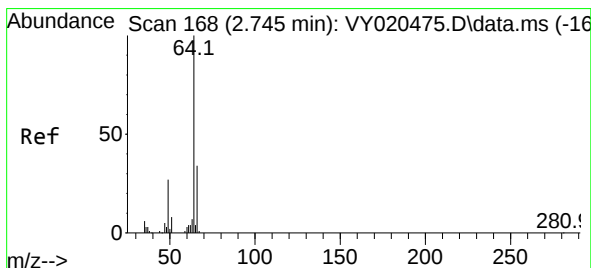
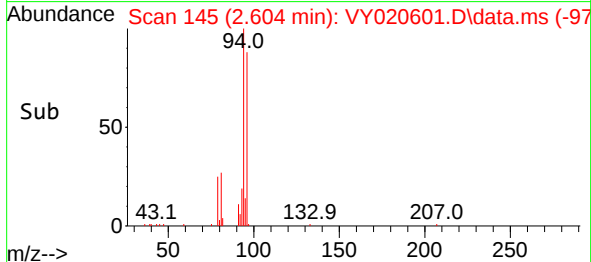
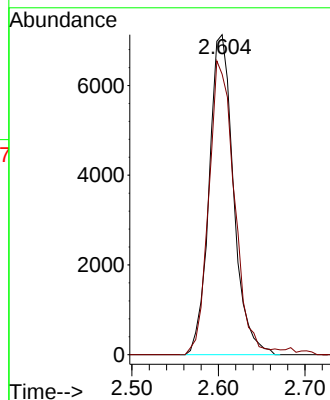
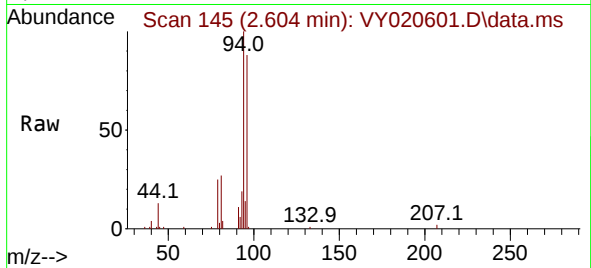




#5
Bromomethane
Concen: 13.033 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

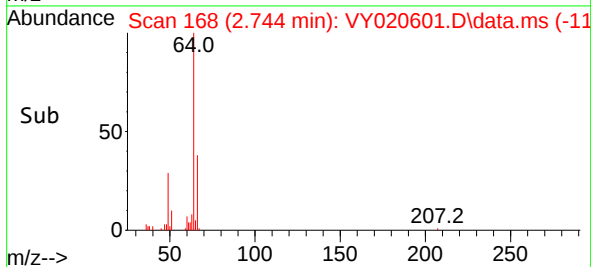
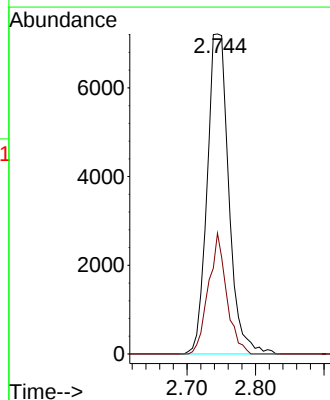
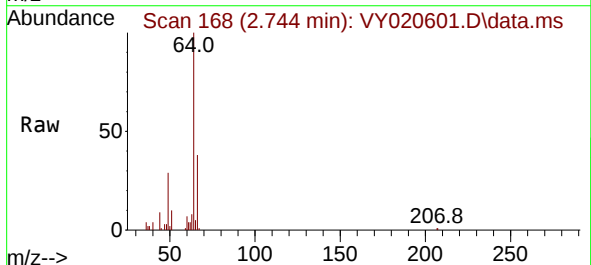
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ClientSampleId :

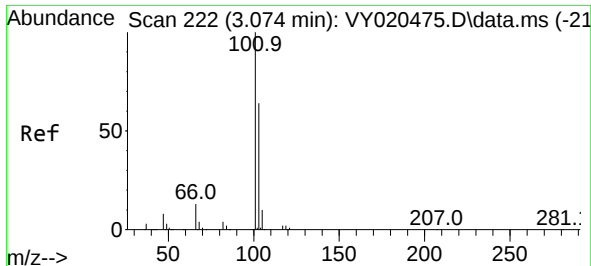
Tgt Ion: 94 Resp: 13963
Ion Ratio Lower Upper
94 100
96 87.6 75.4 113.2



#6
Chloroethane
Concen: 14.180 ug/l
RT: 2.744 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 64 Resp: 15869
Ion Ratio Lower Upper
64 100
66 37.7 25.7 38.5

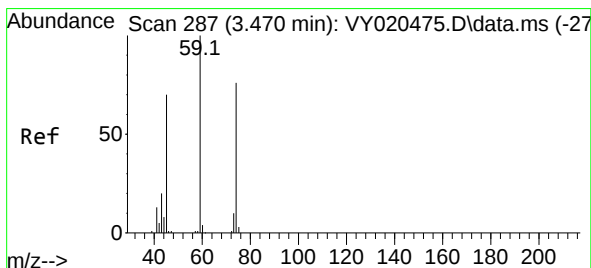
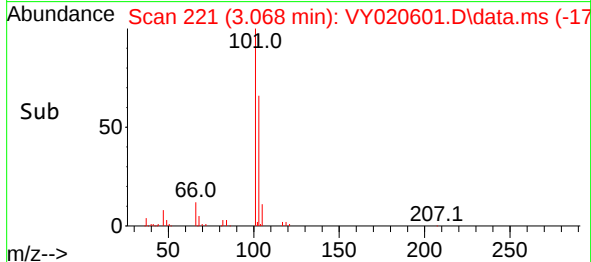
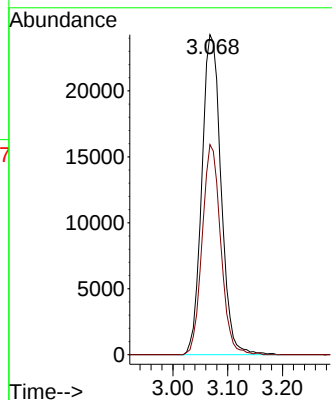
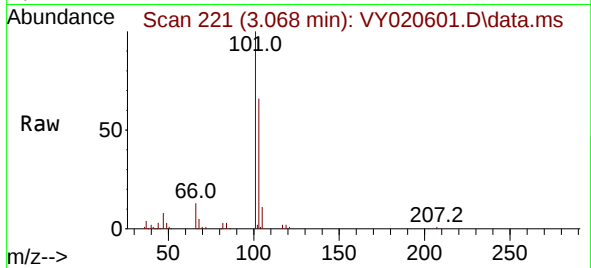




#7
Trichlorofluoromethane
Concen: 17.241 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

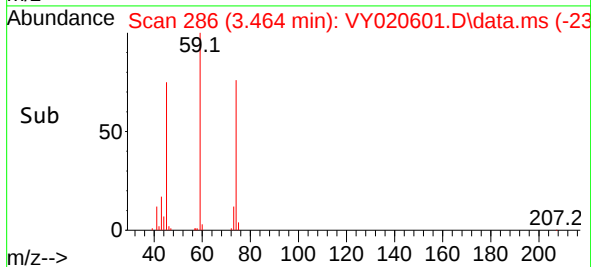
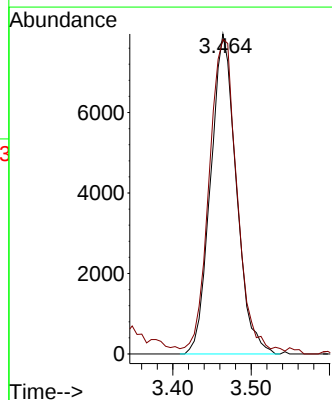
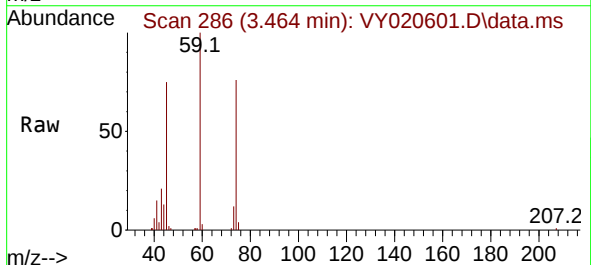
Instrument :
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ClientSampleId :

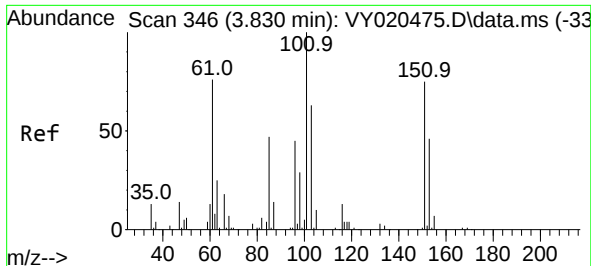
Tgt Ion:101 Resp: 58961
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3



#8
Diethyl Ether
Concen: 18.671 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 74 Resp: 18091
Ion Ratio Lower Upper
74 100
45 105.3 53.6 160.8

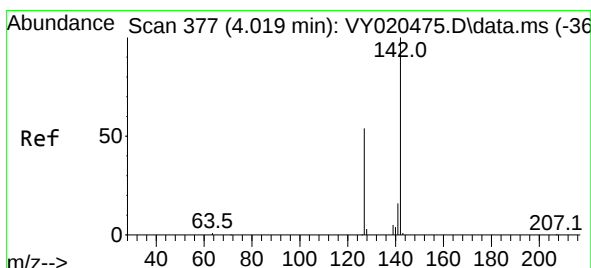
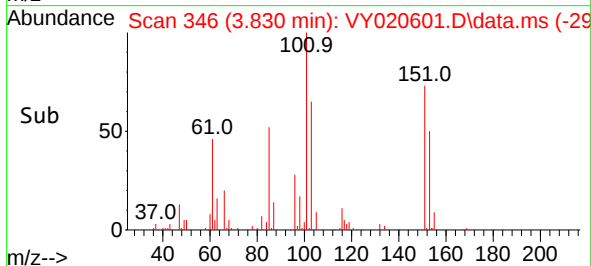
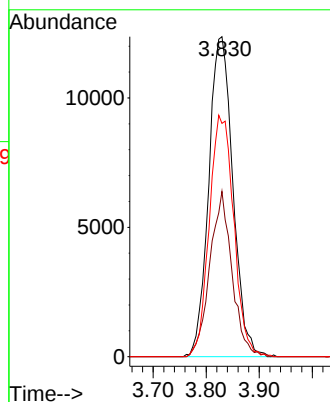
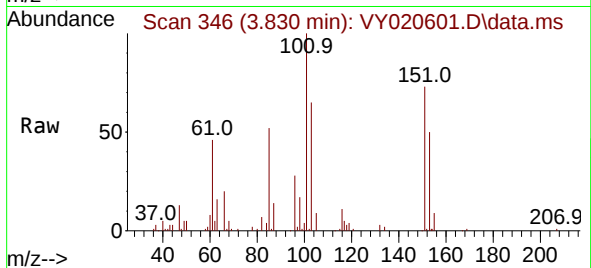




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.664 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

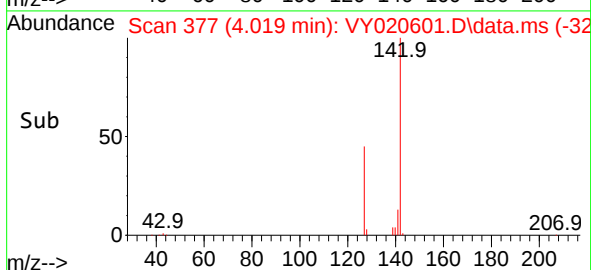
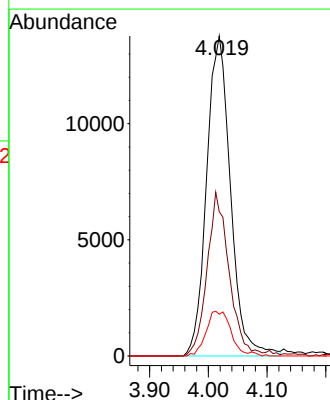
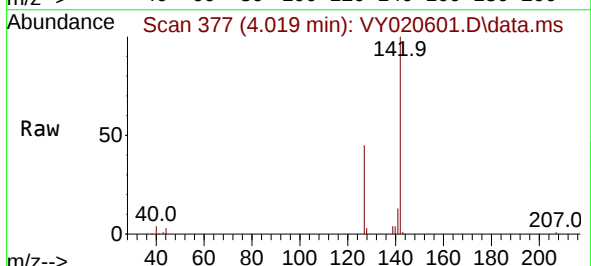
Instrument :
MSVOA_Y
ClientSampleId :

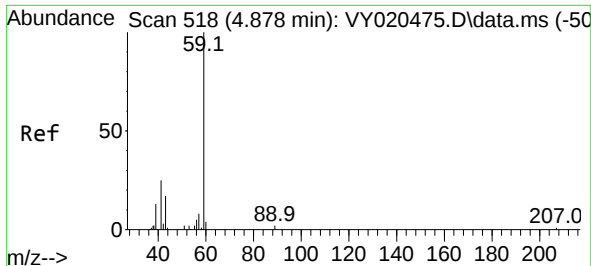
Tgt Ion:101 Resp: 39182
Ion Ratio Lower Upper
101 100
85 47.2 38.0 57.0
151 76.5 59.6 89.4



#10
Methyl Iodide
Concen: 17.424 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion:142 Resp: 38974
Ion Ratio Lower Upper
142 100
127 47.0 38.9 58.3
141 14.3 11.7 17.5

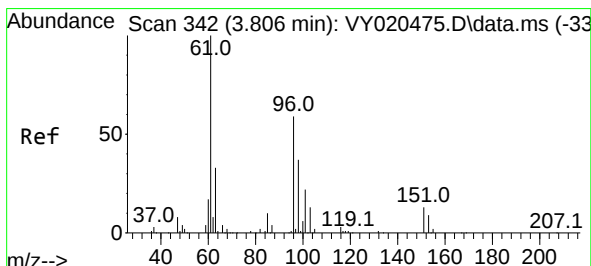
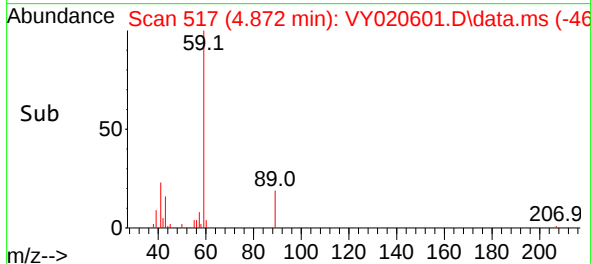
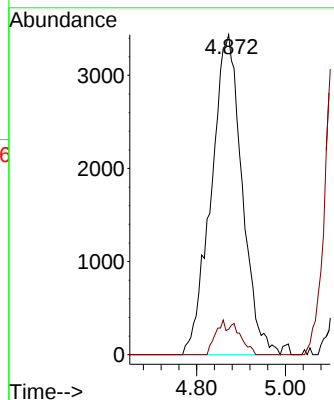
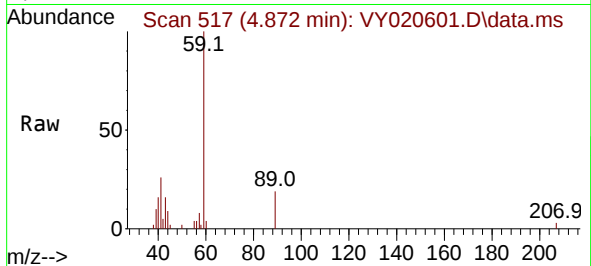




#11
Tert butyl alcohol
Concen: 138.433 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

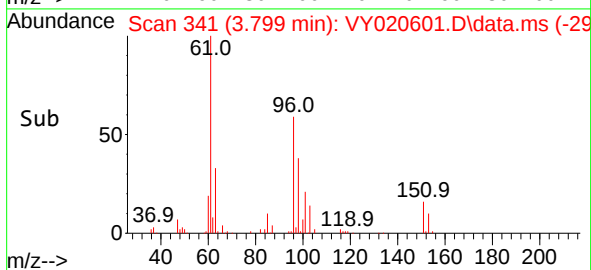
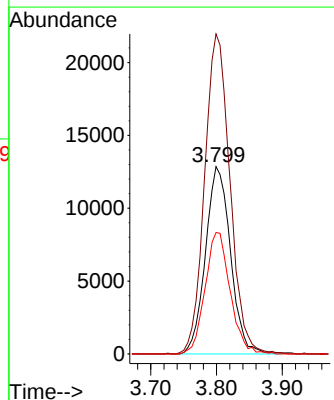
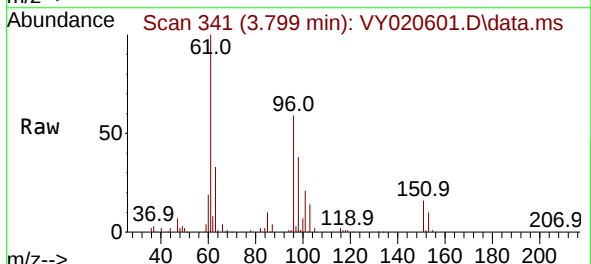
Instrument :
MSVOA_Y
ClientSampleId :

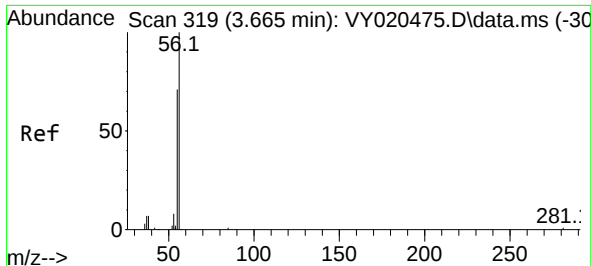
Tgt Ion: 59 Resp: 16560
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 18.103 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

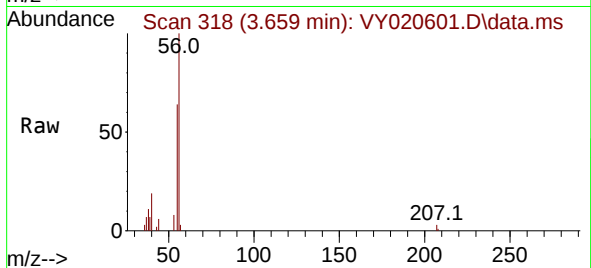
Tgt Ion: 96 Resp: 34075
Ion Ratio Lower Upper
96 100
61 169.9 143.3 214.9
98 64.8 49.8 74.8



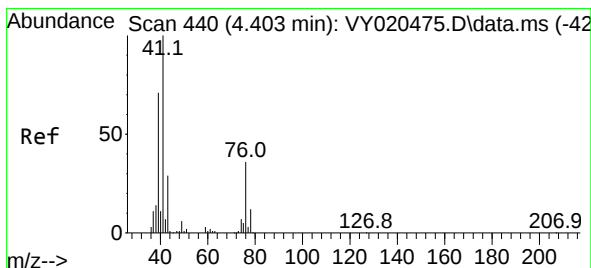
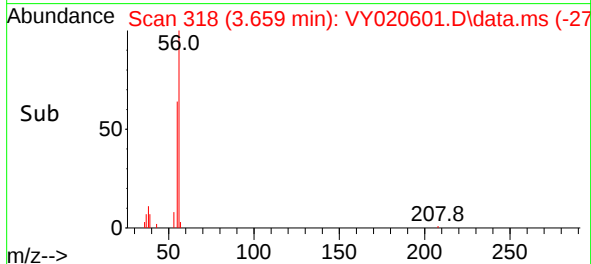
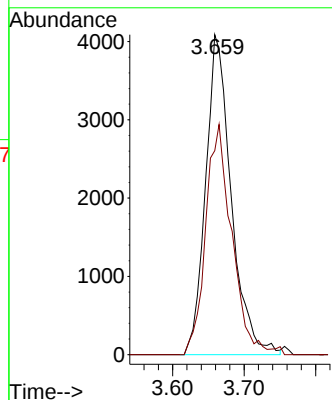


#13
Acrolein
Concen: 90.713 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

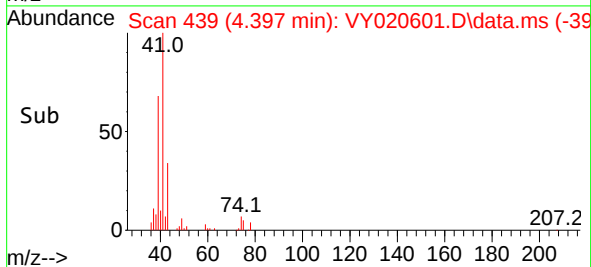
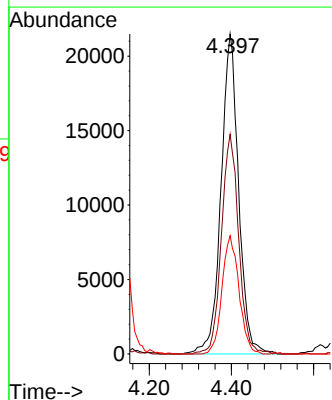
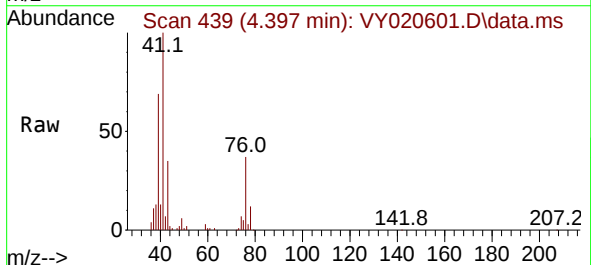


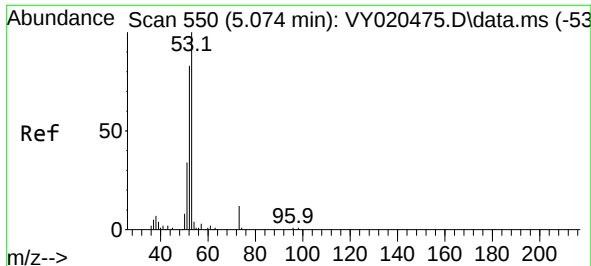
Tgt Ion: 56 Resp: 10160
Ion Ratio Lower Upper
56 100
55 73.8 57.7 86.5



#14
Allyl chloride
Concen: 19.011 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

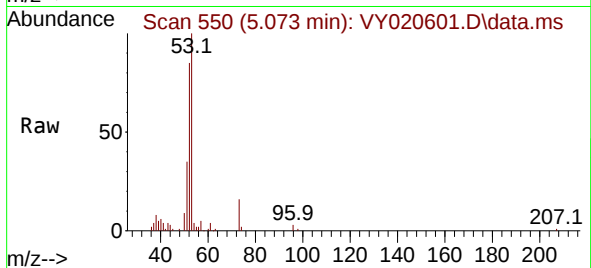
Tgt Ion: 41 Resp: 63823
Ion Ratio Lower Upper
41 100
39 67.2 58.8 88.2
76 35.7 29.7 44.5



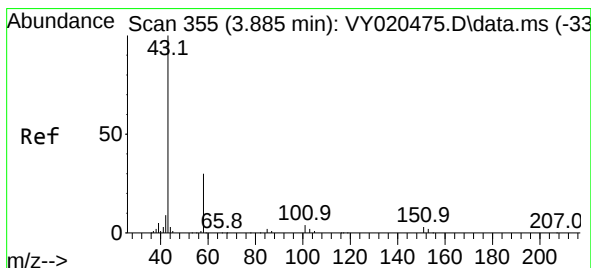
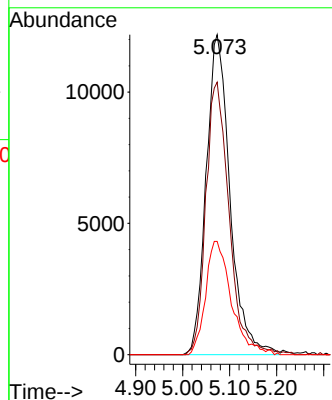
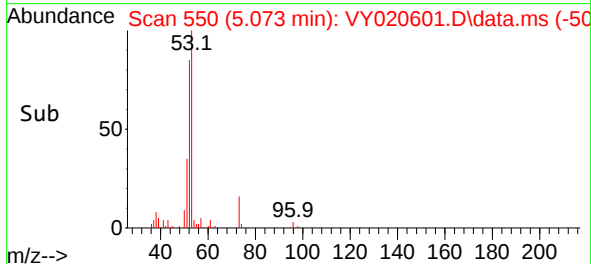


#15
Acrylonitrile
Concen: 106.162 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

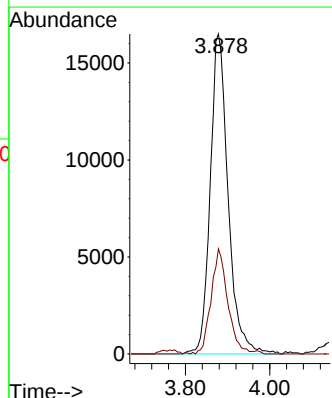
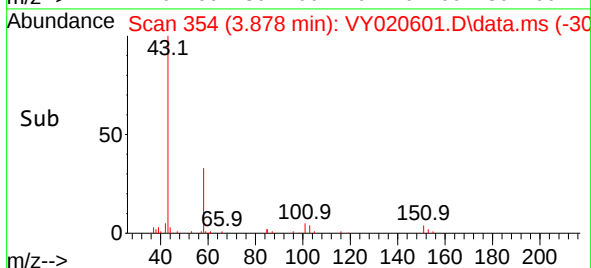
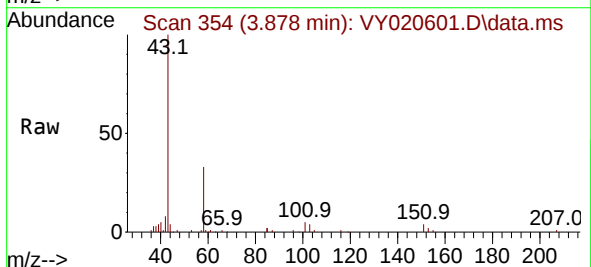


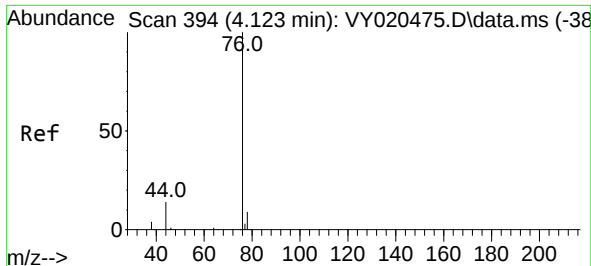
Tgt Ion: 53 Resp: 42859
Ion Ratio Lower Upper
53 100
52 83.2 65.2 97.8
51 38.4 30.2 45.4



#16
Acetone
Concen: 105.951 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 43 Resp: 48582
Ion Ratio Lower Upper
43 100
58 32.9 25.7 38.5





#17

Carbon Disulfide

Concen: 13.674 ug/l

RT: 4.116 min Scan# 394

Delta R.T. -0.006 min

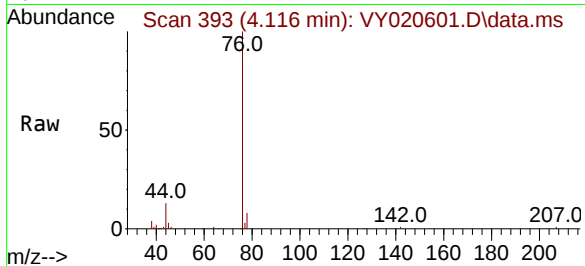
Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

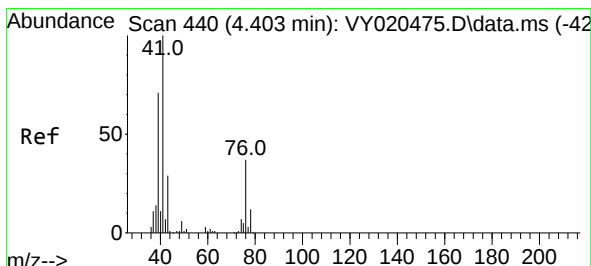
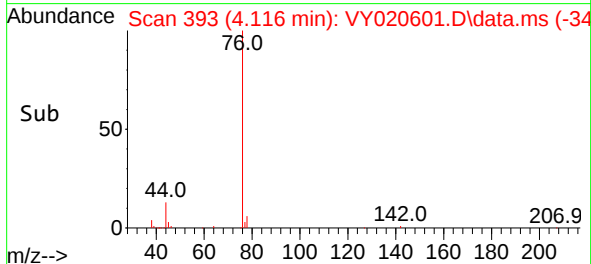
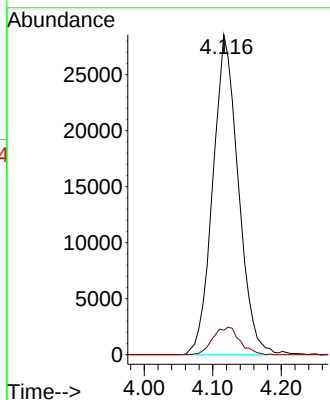


Tgt Ion: 76 Resp: 73666

Ion Ratio Lower Upper

76 100

78 7.7 7.3 10.9



#18

Methyl Acetate

Concen: 22.338 ug/l

RT: 4.397 min Scan# 439

Delta R.T. -0.006 min

Lab File: VY020601.D

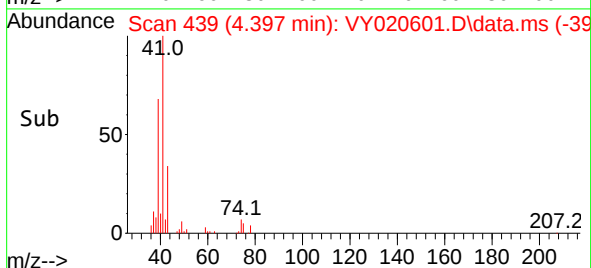
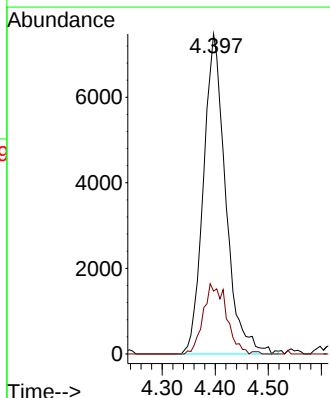
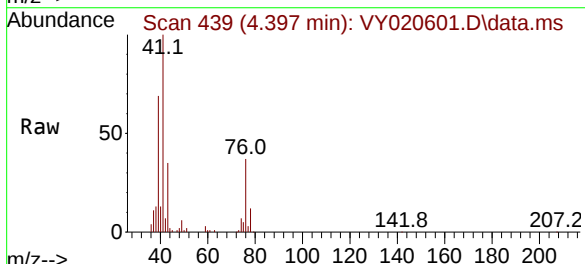
Acq: 13 Dec 2024 11:47

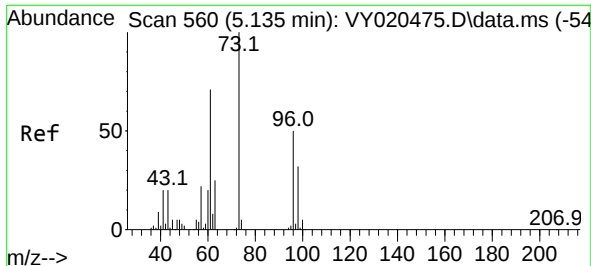
Tgt Ion: 43 Resp: 21770

Ion Ratio Lower Upper

43 100

74 22.9 18.6 27.8

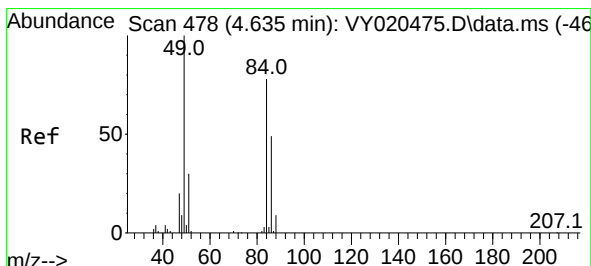
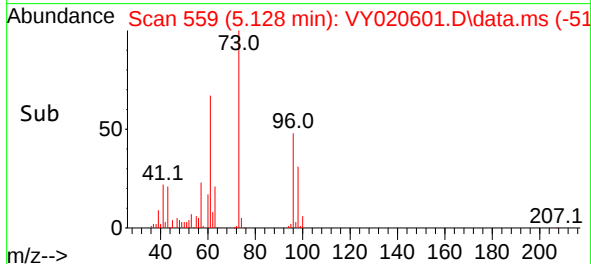
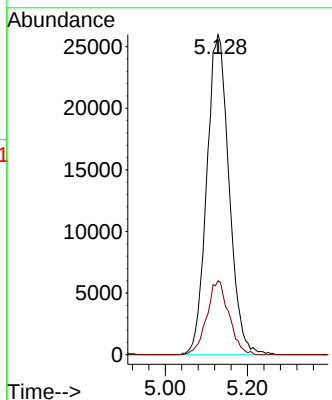
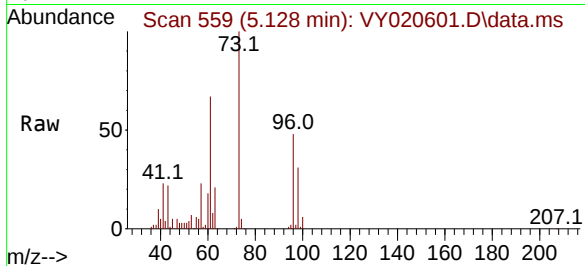




#19
Methyl tert-butyl Ether
Concen: 20.382 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

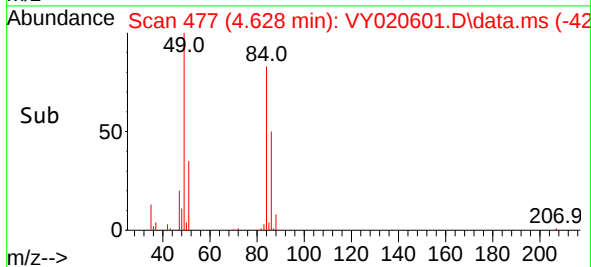
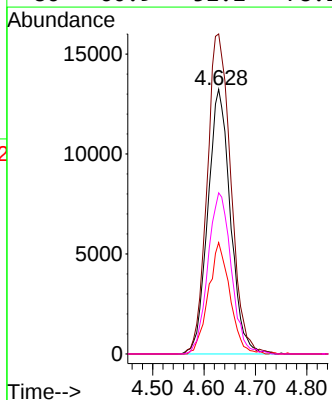
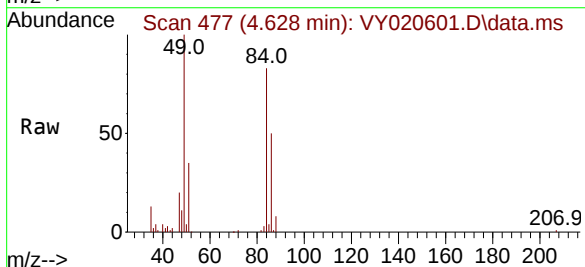
Instrument :
MSVOA_Y
ClientSampleId :

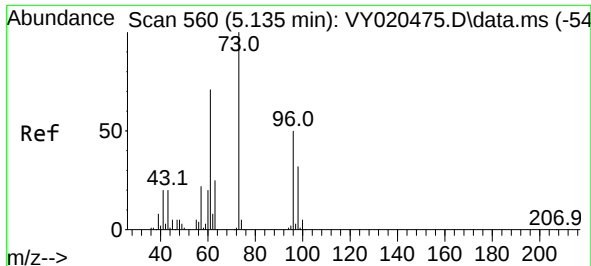
Tgt Ion: 73 Resp: 97974
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 20.671 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

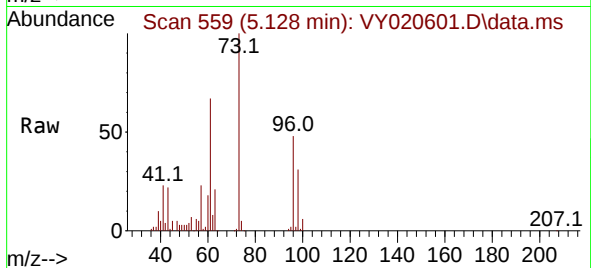
Tgt Ion: 84 Resp: 40321
Ion Ratio Lower Upper
84 100
49 120.9 104.7 157.1
51 42.1 33.4 50.0
86 60.9 52.2 78.2



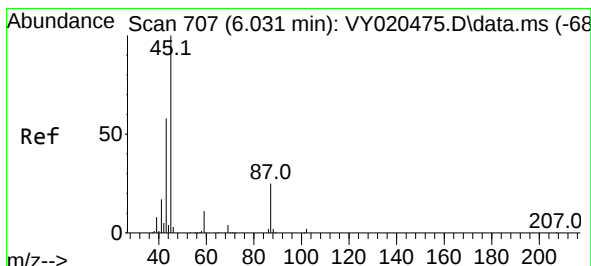
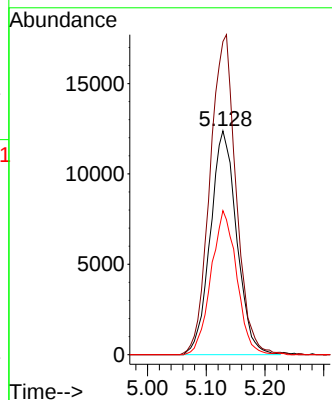
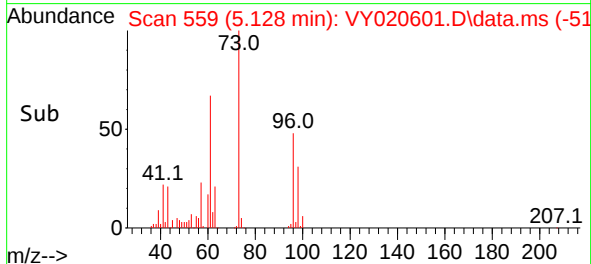


#21
trans-1,2-Dichloroethene
Concen: 18.437 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

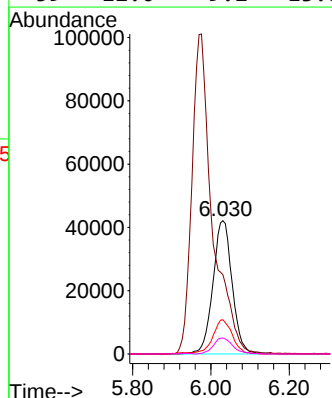
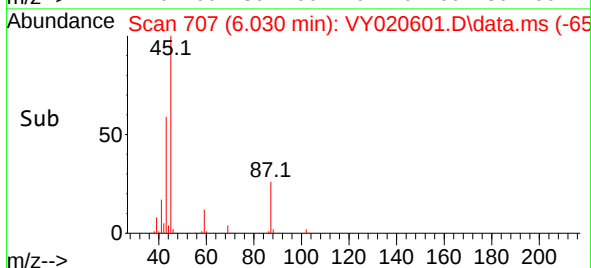
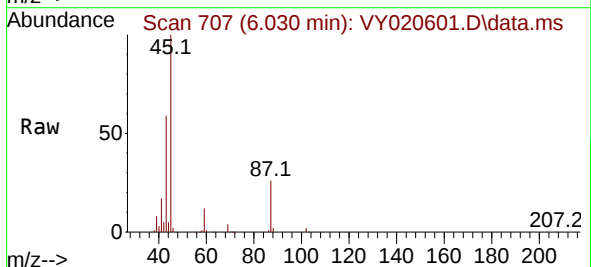


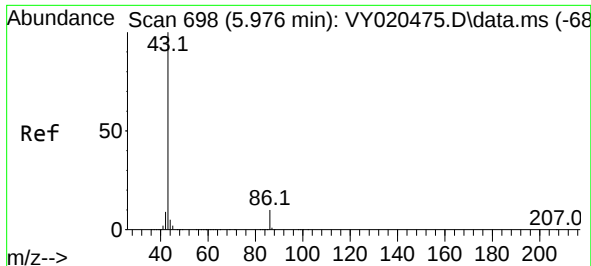
Tgt Ion: 96 Resp: 38546
Ion Ratio Lower Upper
96 100
61 139.8 111.6 167.4
98 64.3 46.7 70.1



#22
Diisopropyl ether
Concen: 21.513 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 45 Resp: 143617
Ion Ratio Lower Upper
45 100
43 58.8 44.8 67.2
87 25.7 20.6 30.8
59 12.0 9.2 13.8

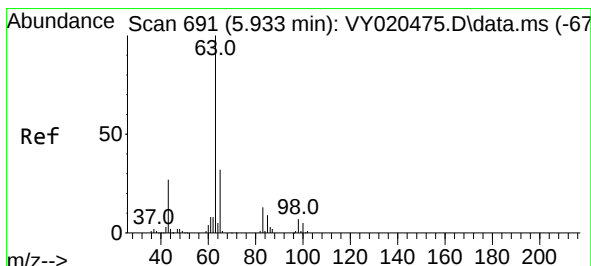
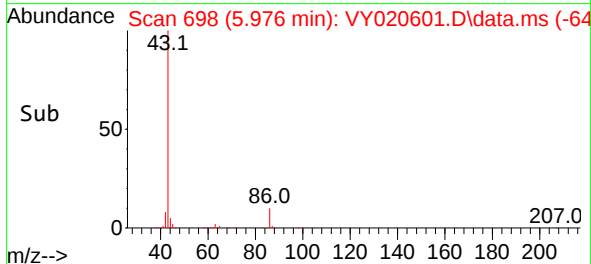
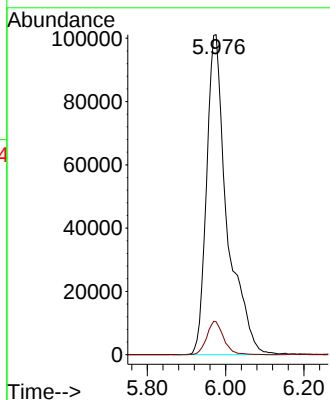
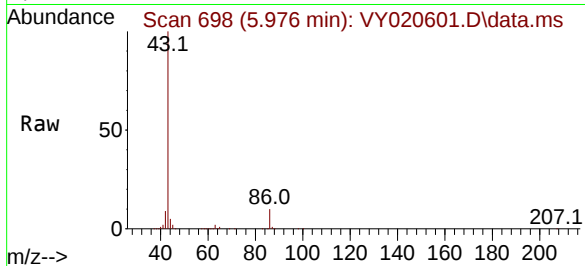




#23
 Vinyl Acetate
 Concen: 104.249 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

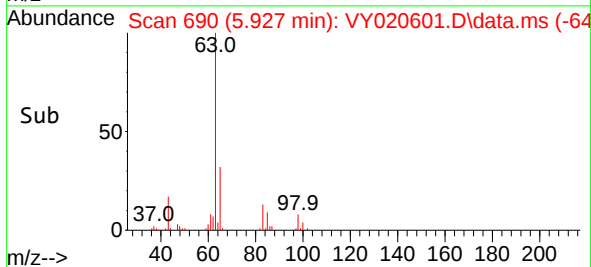
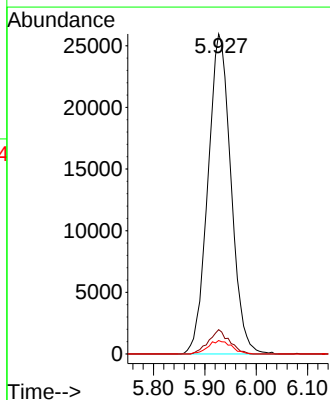
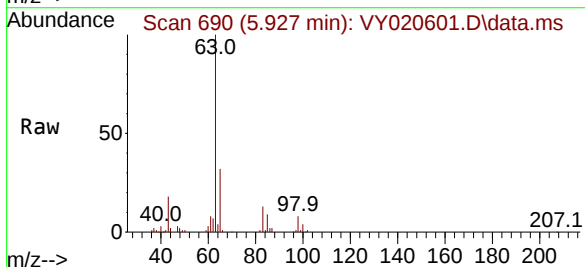
Instrument :
 MSVOA_Y
 ClientSampleId :

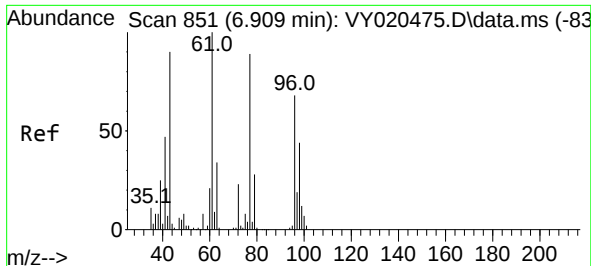
Tgt Ion: 43 Resp: 368099
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.110 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

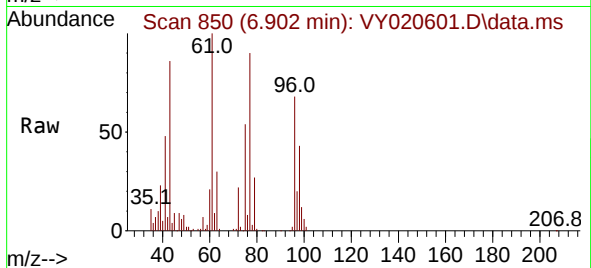
Tgt Ion: 63 Resp: 80823
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 4.2 2.0 5.8



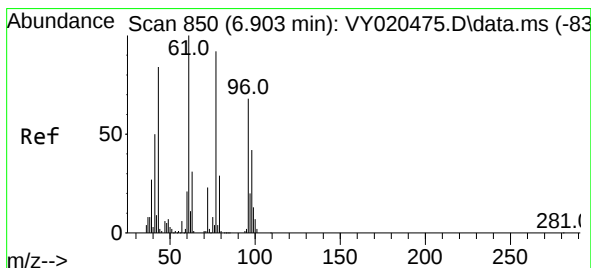
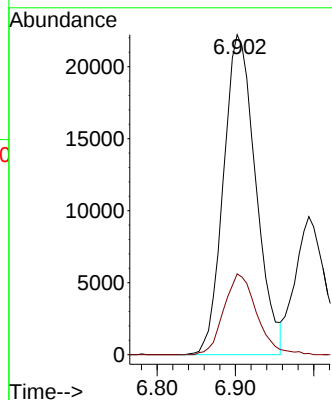
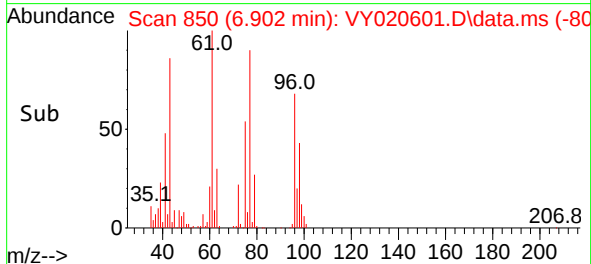


#25
2-Butanone
Concen: 110.030 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

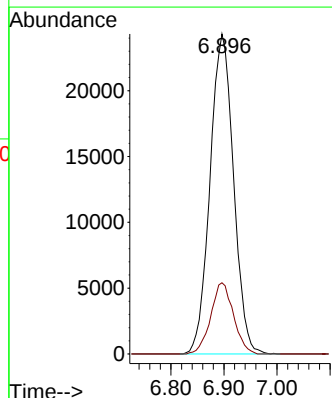
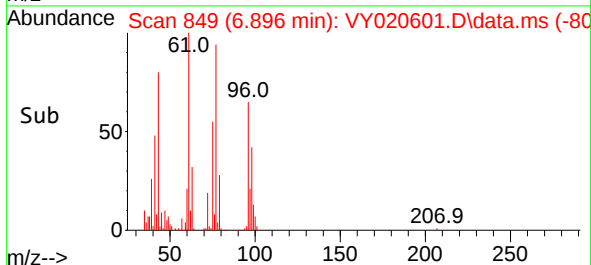
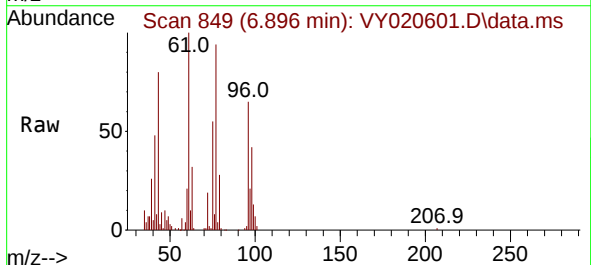


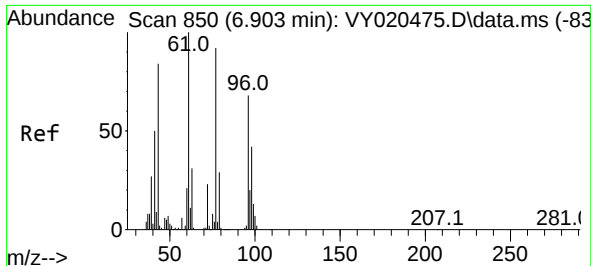
Tgt Ion: 43 Resp: 63708
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.692 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 77 Resp: 74855
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7

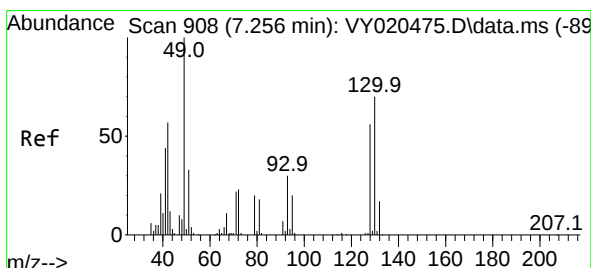
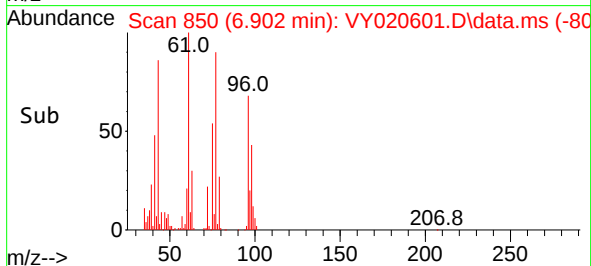
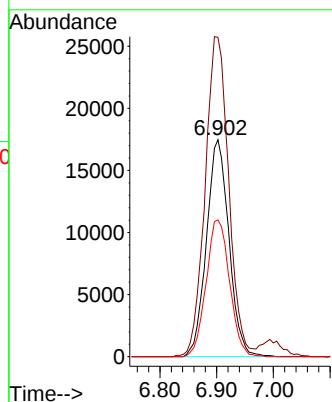
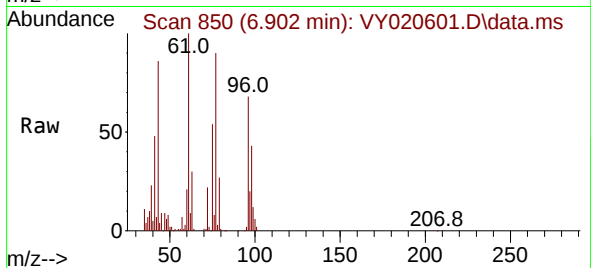




#27
 cis-1,2-Dichloroethene
 Concen: 19.720 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

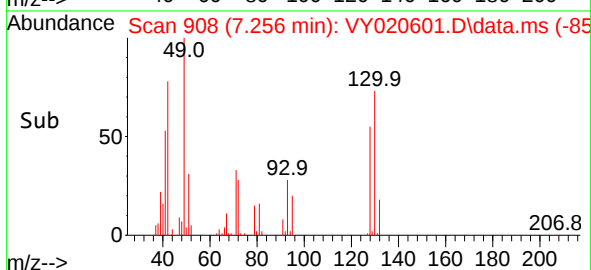
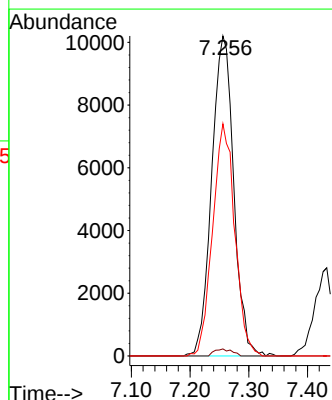
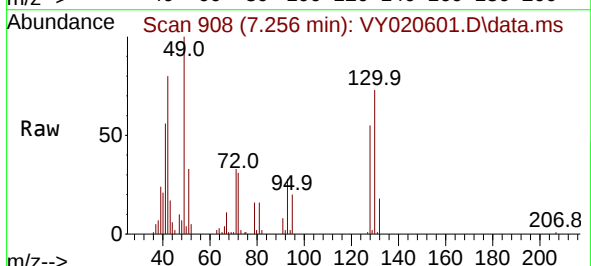
Instrument :
 MSVOA_Y
 ClientSampleId :

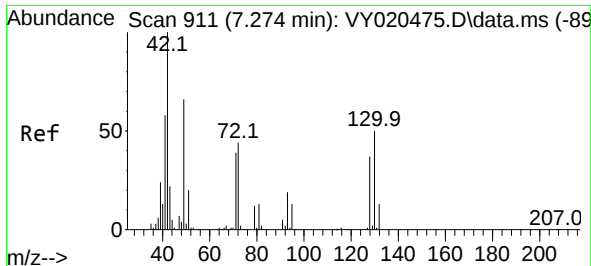
Tgt Ion: 96 Resp: 48140
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 312.4
 98 65.7 0.0 126.8



#28
 Bromochloromethane
 Concen: 17.732 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

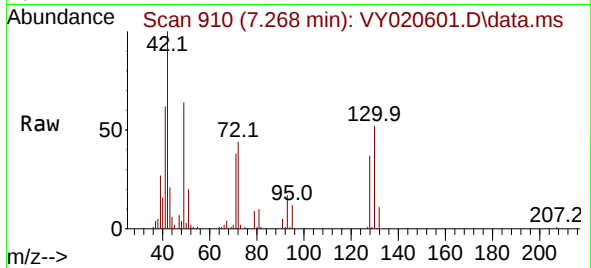
Tgt Ion: 49 Resp: 26613
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 72.8 55.0 82.6



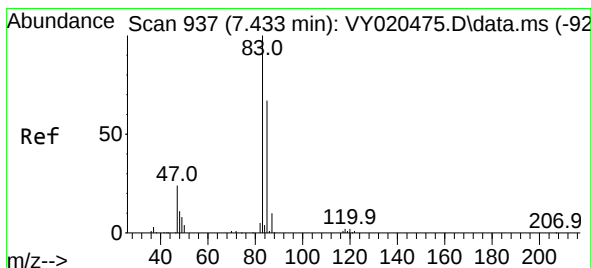
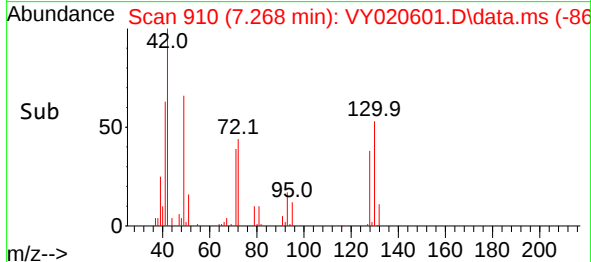
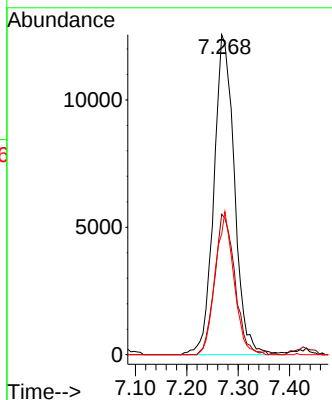


#29
Tetrahydrofuran
Concen: 105.623 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

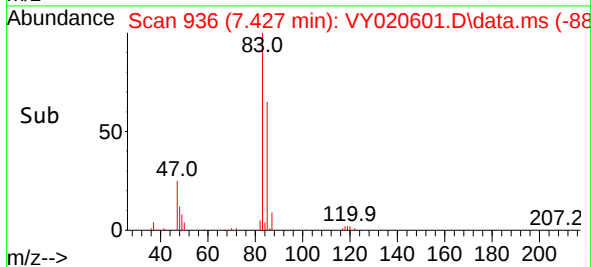
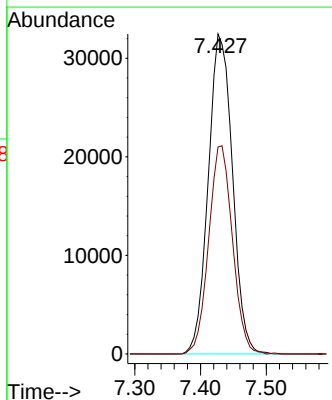
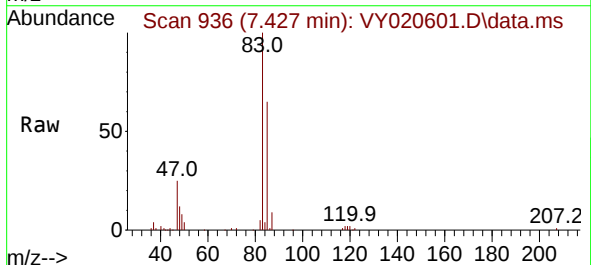


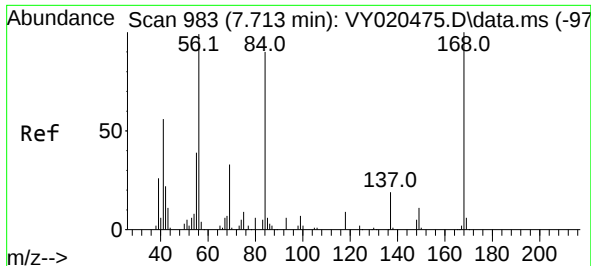
Tgt Ion: 42 Resp: 34889
Ion Ratio Lower Upper
42 100
72 43.5 33.4 50.0
71 40.8 31.9 47.9



#30
Chloroform
Concen: 20.185 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 83 Resp: 83257
Ion Ratio Lower Upper
83 100
85 64.7 50.3 75.5

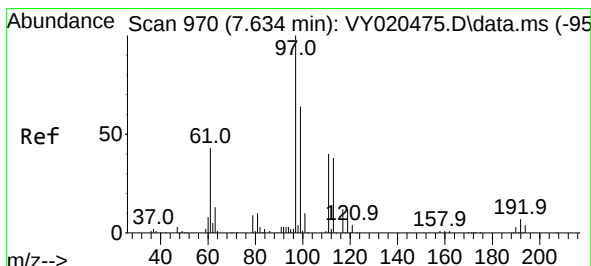
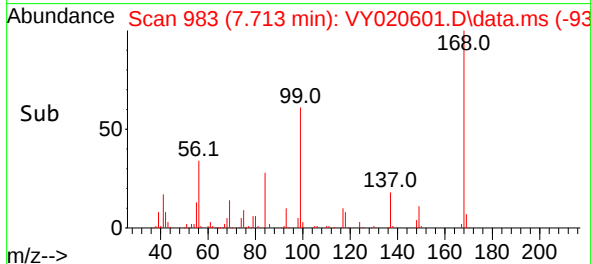
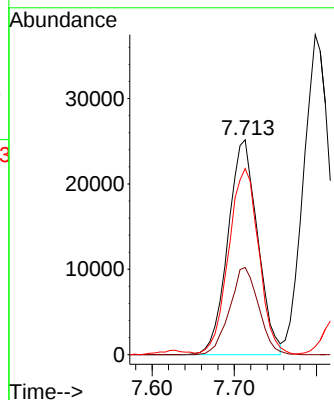
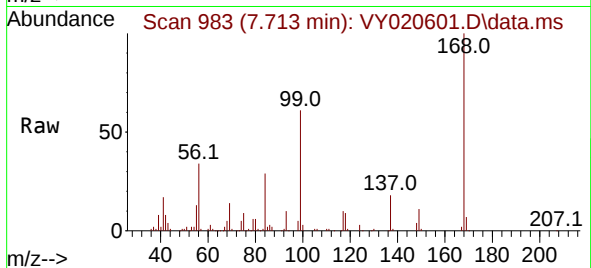




#31
Cyclohexane
Concen: 17.391 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

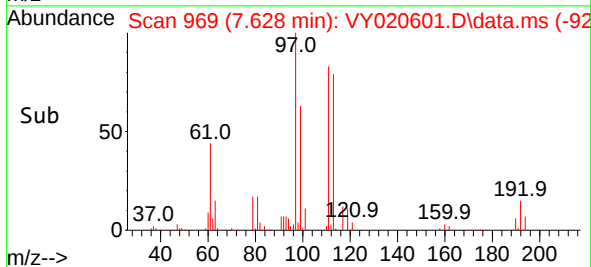
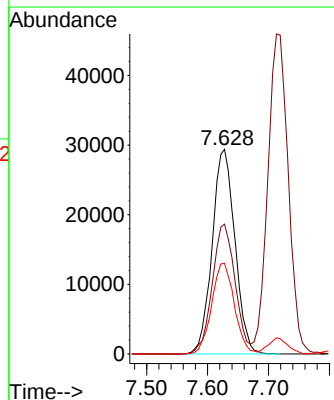
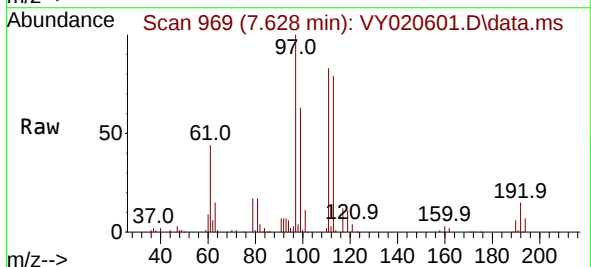
Instrument :
MSVOA_Y
ClientSampleId :

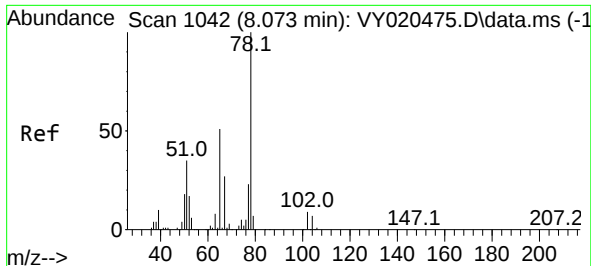
Tgt Ion: 56 Resp: 63187
Ion Ratio Lower Upper
56 100
69 40.6 25.3 37.9#
84 85.1 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 19.178 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 97 Resp: 76170
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 44.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 47.623 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

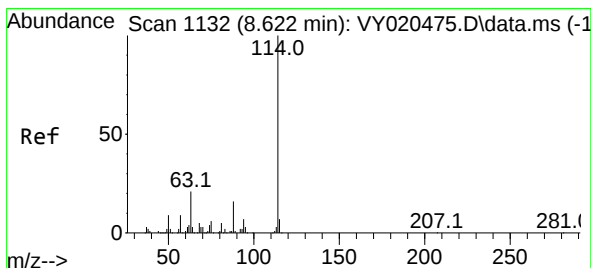
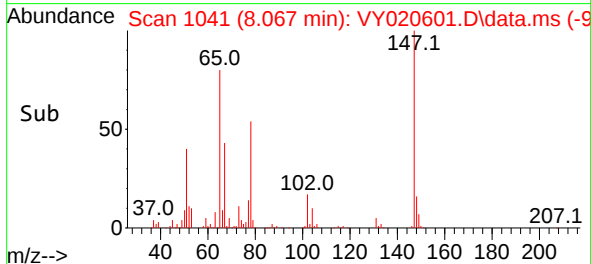
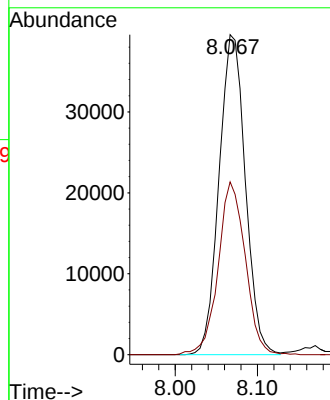
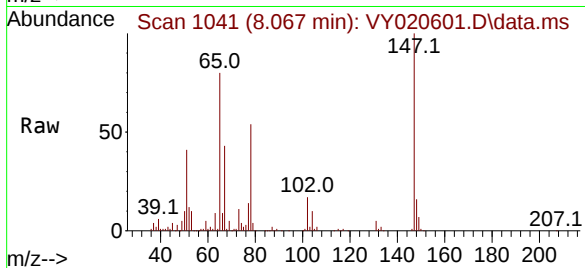
ClientSampleId :

Tgt Ion: 65 Resp: 87822

Ion Ratio Lower Upper

65 100

67 55.7 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: VY020601.D

Acq: 13 Dec 2024 11:47

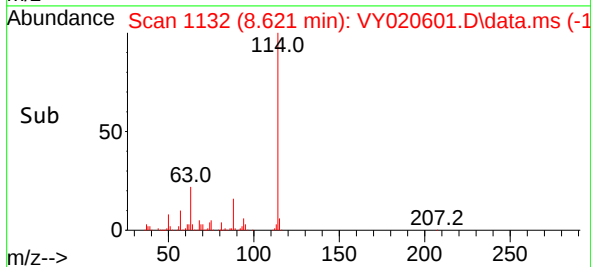
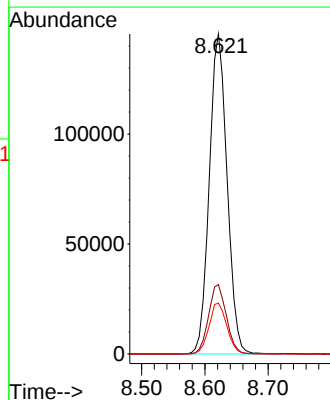
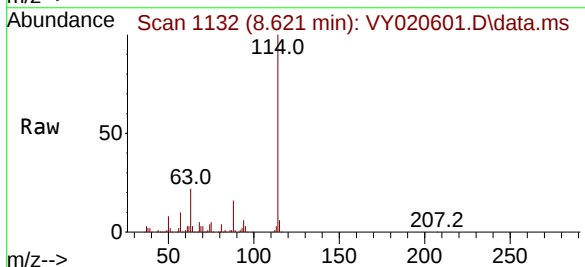
Tgt Ion:114 Resp: 284741

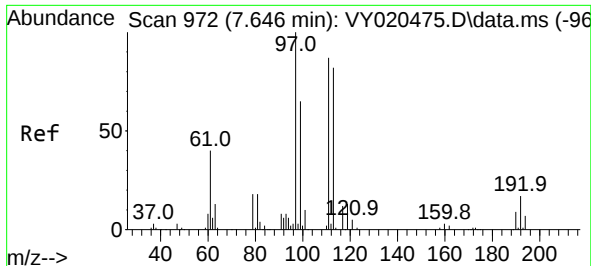
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

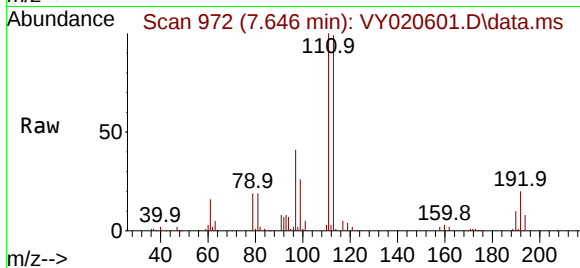
88 15.9 0.0 32.0



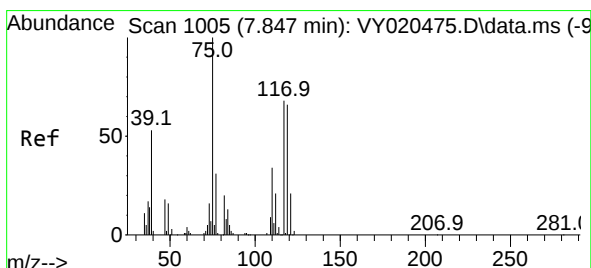
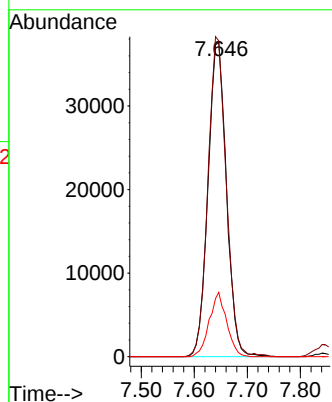
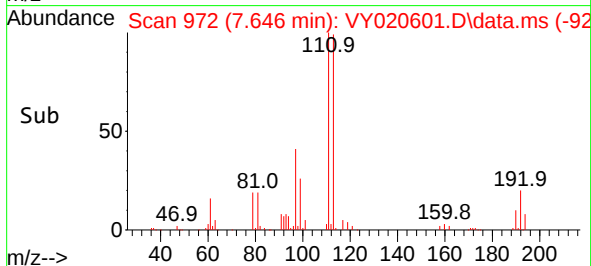


#35
Dibromofluoromethane
Concen: 50.596 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

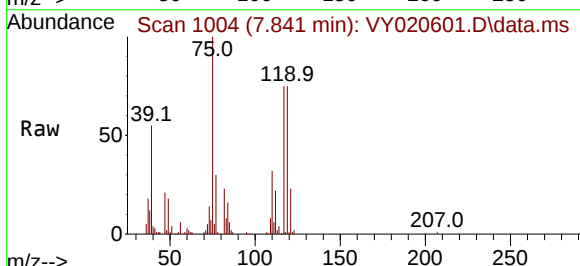
Instrument :
MSVOA_Y
ClientSampleId :



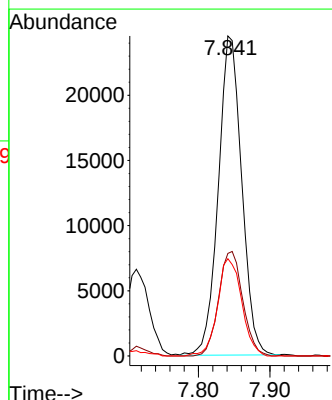
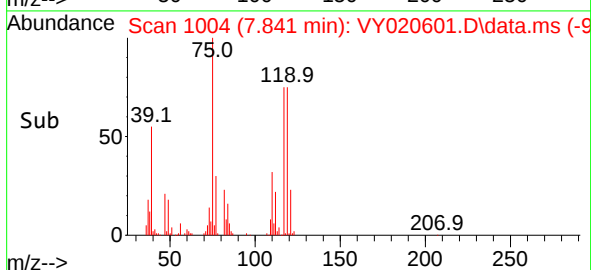
Tgt Ion:113 Resp: 90697
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.0
192 19.4 15.1 22.7

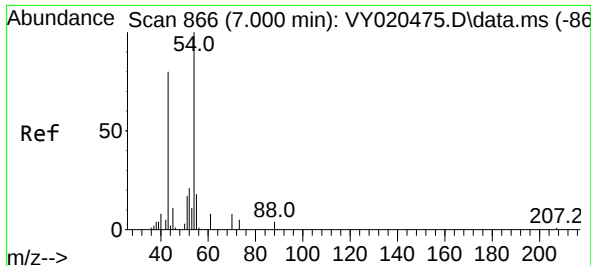


#36
1,1-Dichloropropene
Concen: 18.370 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47



Tgt Ion: 75 Resp: 55608
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 31.5 24.6 36.8

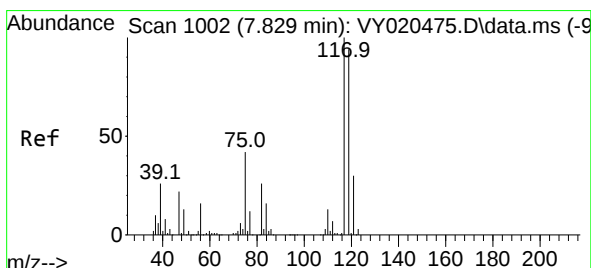
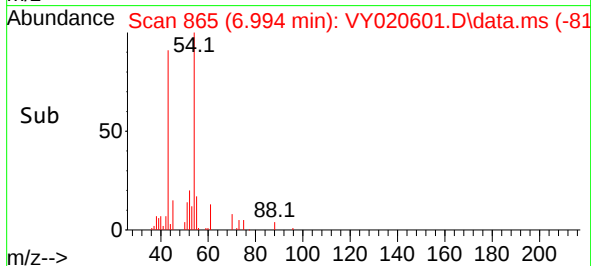
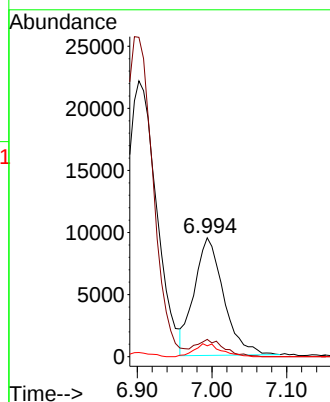
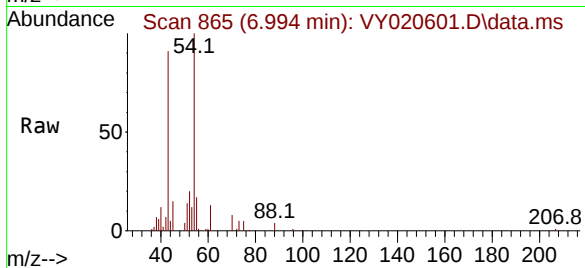




#37
Ethyl Acetate
Concen: 21.618 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

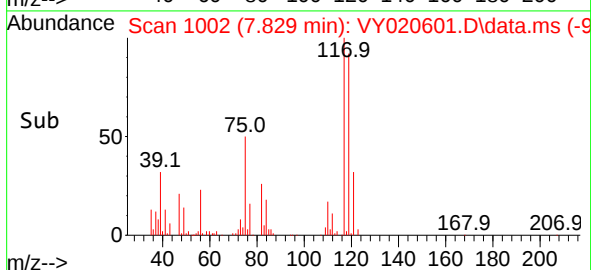
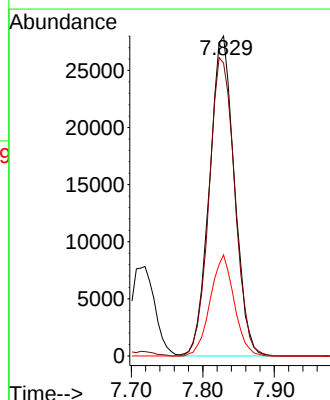
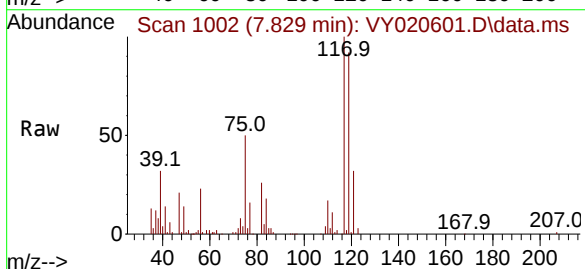
Instrument :
MSVOA_Y
ClientSampleId :

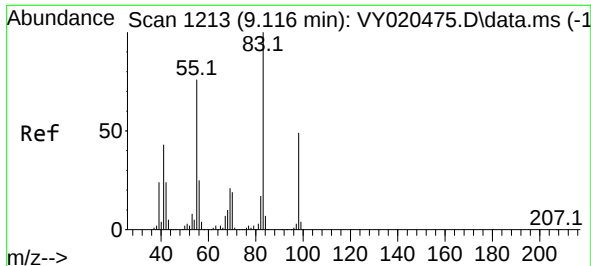
Tgt Ion: 43 Resp: 25926
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 9.9 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.766 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 117 Resp: 67801
Ion Ratio Lower Upper
117 100
119 91.5 77.8 116.6
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 17.640 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

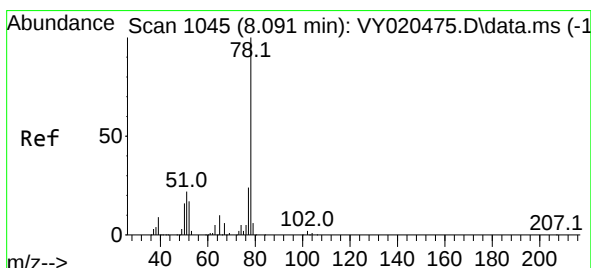
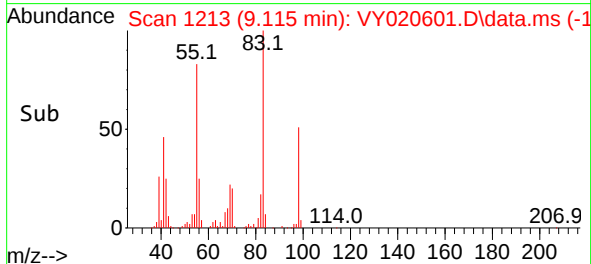
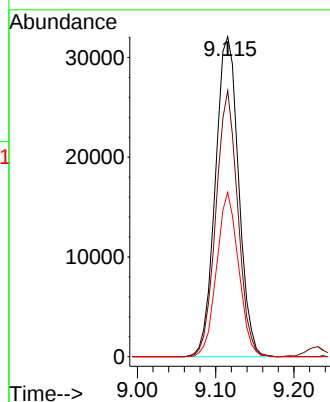
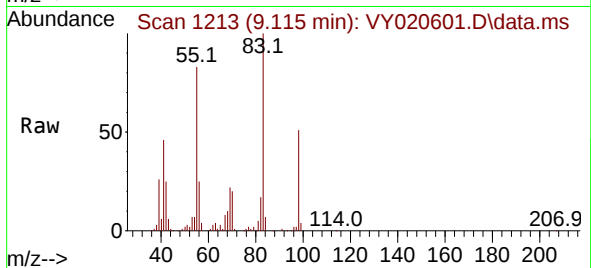
Tgt Ion: 83 Resp: 66263

Ion Ratio Lower Upper

83 100

55 83.1 62.6 93.8

98 51.4 37.0 55.4



#40

Benzene

Concen: 19.568 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020601.D

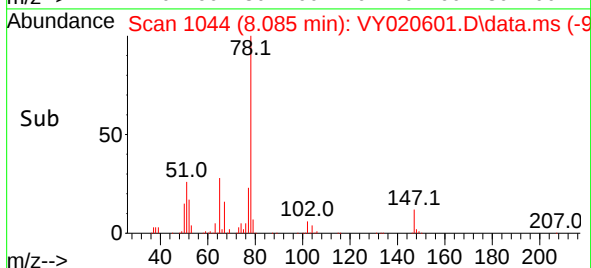
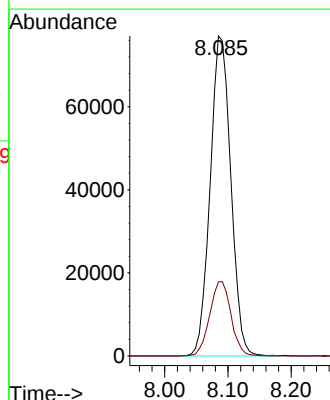
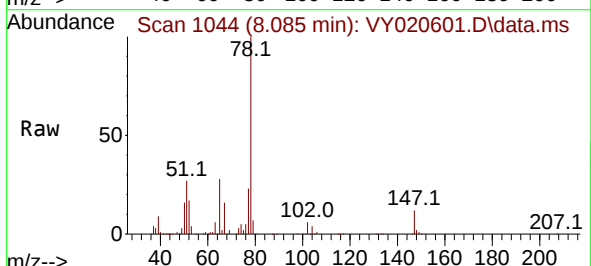
Acq: 13 Dec 2024 11:47

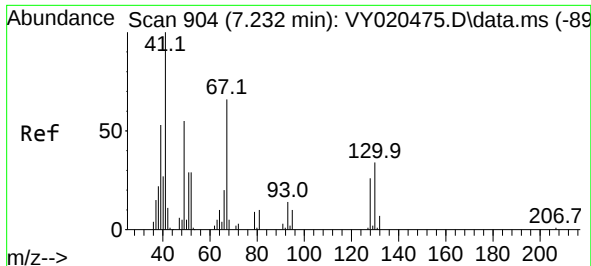
Tgt Ion: 78 Resp: 174651

Ion Ratio Lower Upper

78 100

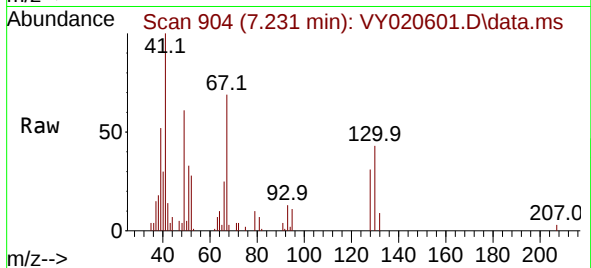
77 23.2 19.4 29.0



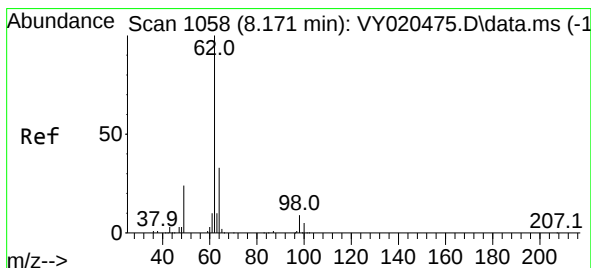
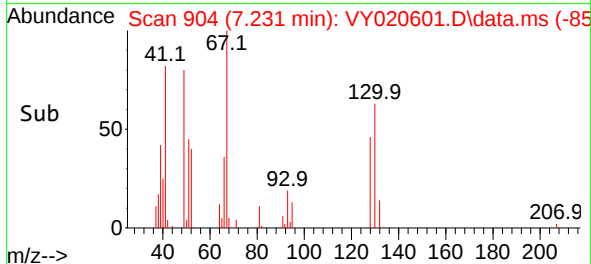
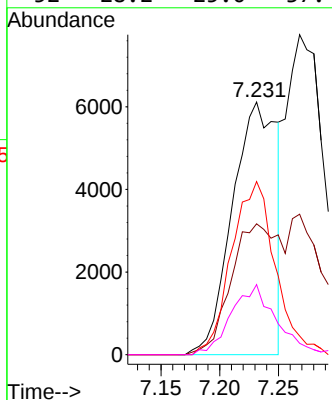


#41
Methacrylonitrile
Concen: 23.526 ug/l
RT: 7.231 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

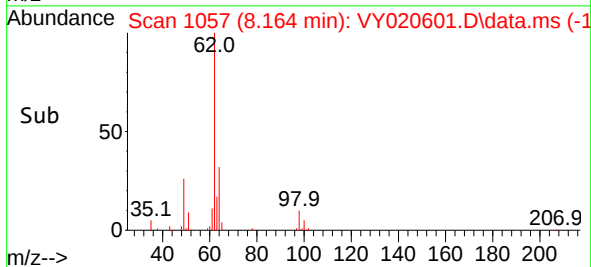
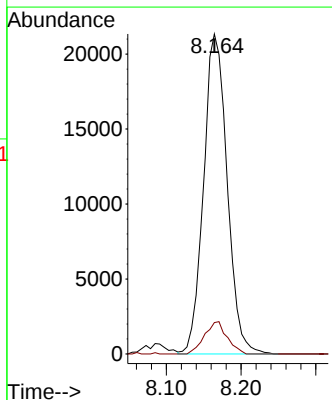
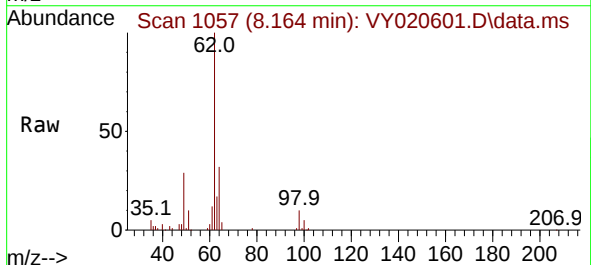


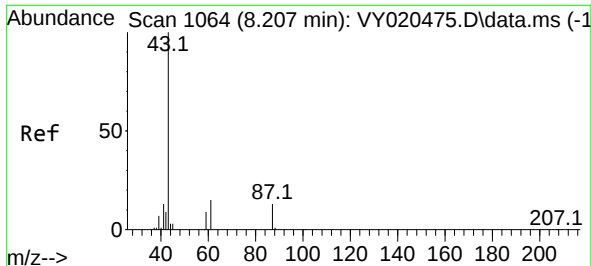
Tgt Ion:	41	Resp:	16039
Ion	Ratio	Lower	Upper
41	100		
39	59.0	49.0	73.4
67	67.9	57.1	85.7
52	28.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.980 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion:	62	Resp:	46858
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

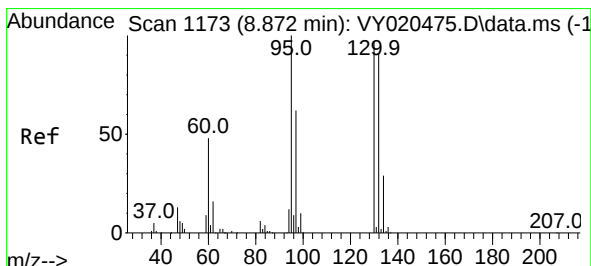
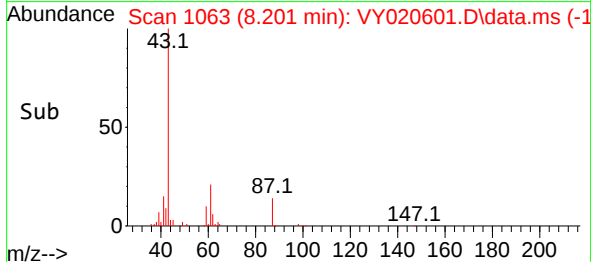
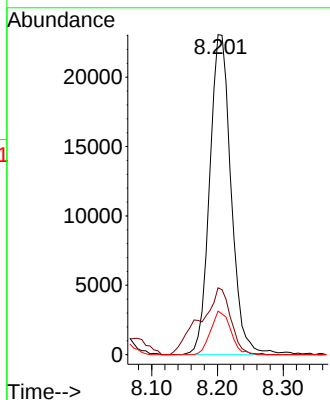
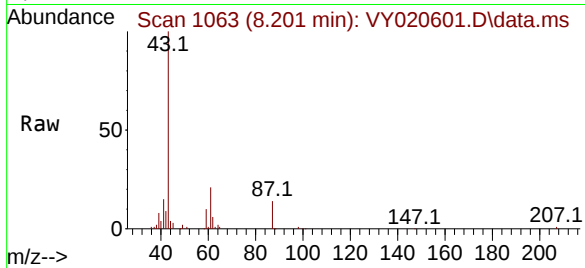




#43
Isopropyl Acetate
Concen: 21.597 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

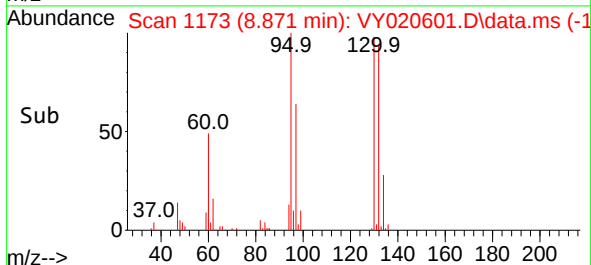
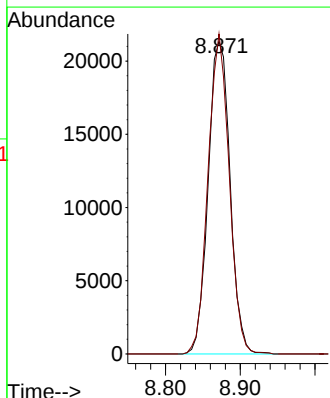
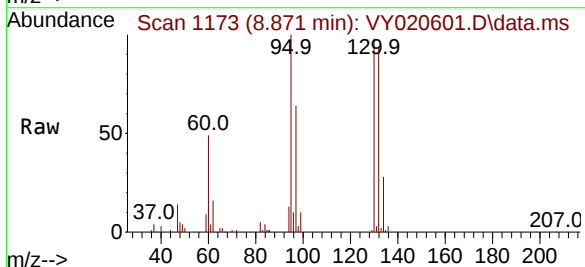
Instrument :
MSVOA_Y
ClientSampleId :

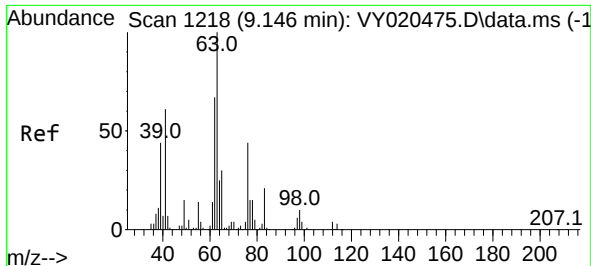
Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.8	34.2
87	12.7	9.6	14.4



#44
Trichloroethene
Concen: 19.755 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	204.8





#45

1,2-Dichloropropane

Concen: 20.239 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

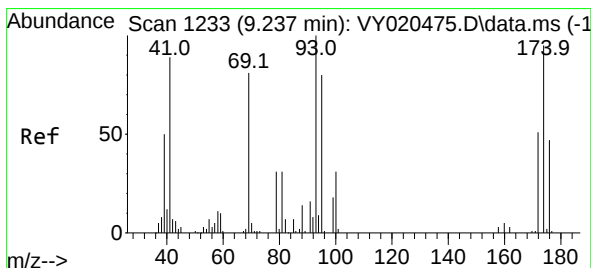
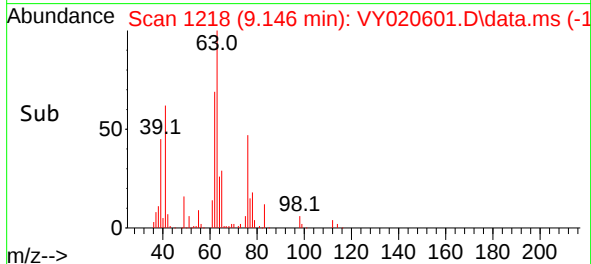
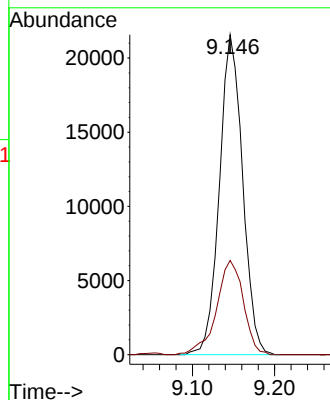
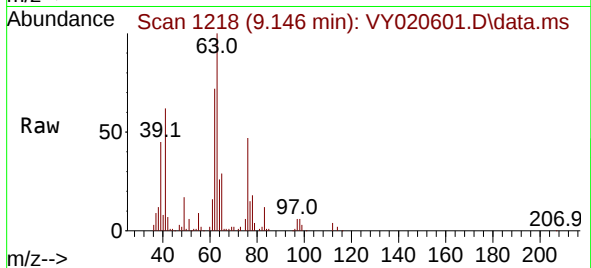
ClientSampleId :

Tgt Ion: 63 Resp: 42270

Ion Ratio Lower Upper

63 100

65 29.4 24.2 36.4



#46

Dibromomethane

Concen: 20.270 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

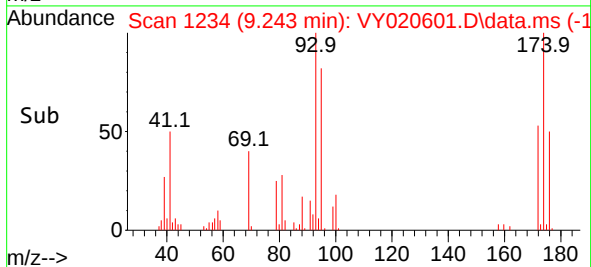
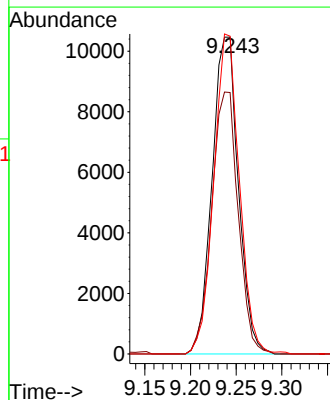
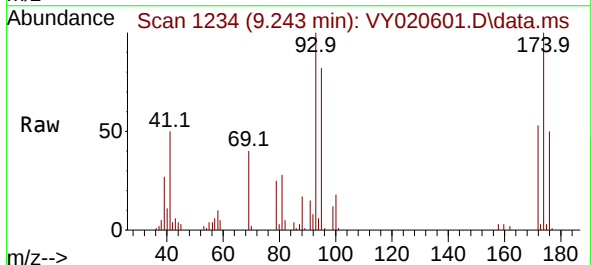
Tgt Ion: 93 Resp: 20961

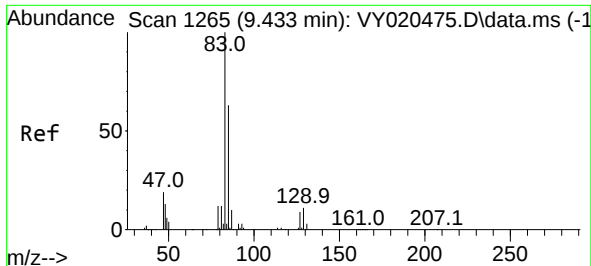
Ion Ratio Lower Upper

93 100

95 83.1 65.3 97.9

174 98.1 74.4 111.6

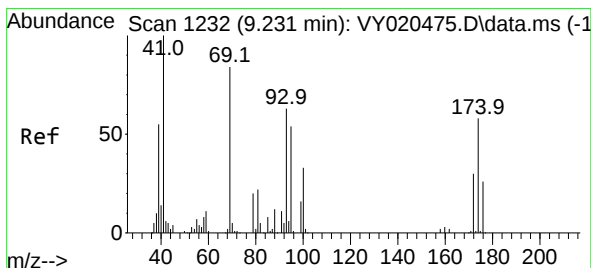
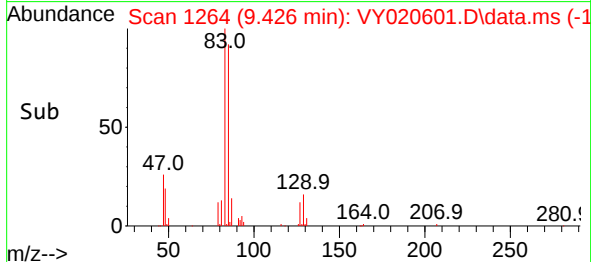
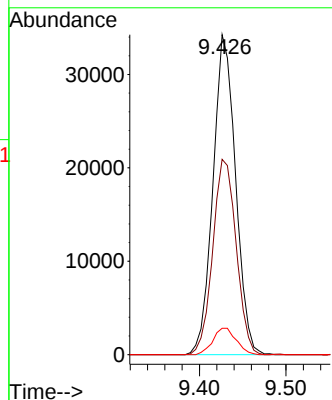
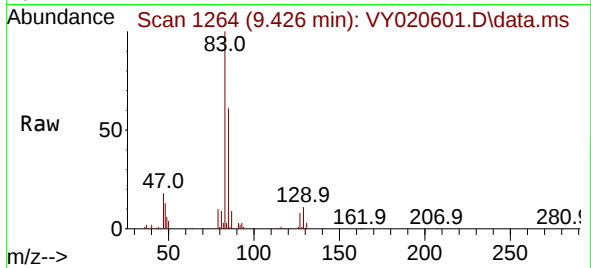




#47
Bromodichloromethane
Concen: 20.400 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

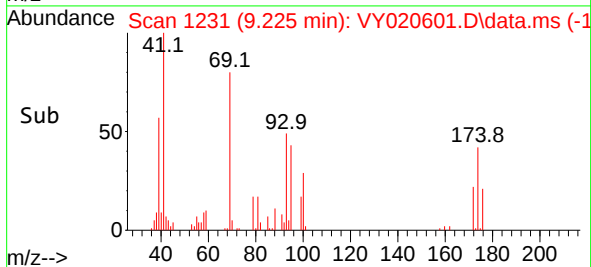
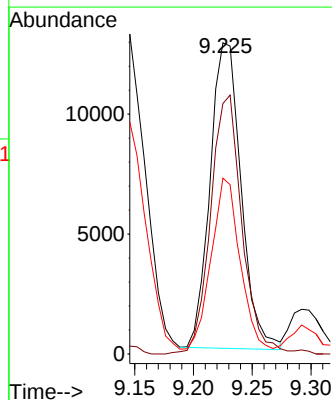
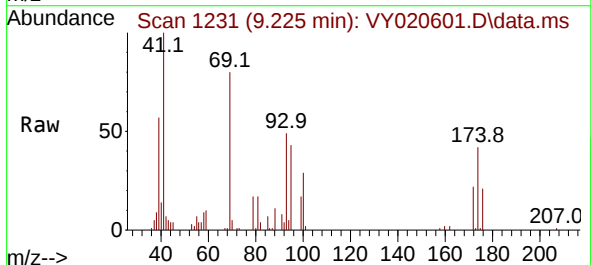
Instrument :
MSVOA_Y
ClientSampleId :

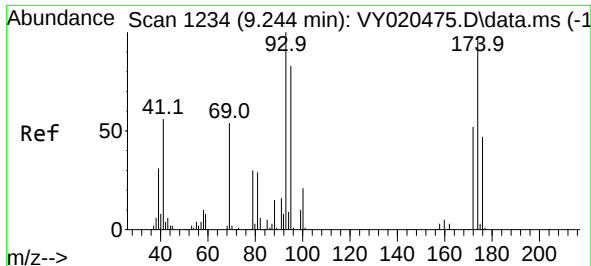
Tgt Ion: 83 Resp: 62152
Ion Ratio Lower Upper
83 100
85 61.0 51.4 77.2
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 20.716 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 41 Resp: 23394
Ion Ratio Lower Upper
41 100
69 86.0 66.1 99.1
39 55.5 46.0 69.0





#49

1,4-Dioxane

Concen: 466.285 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

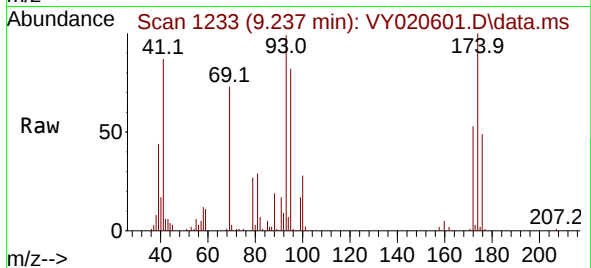
Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :



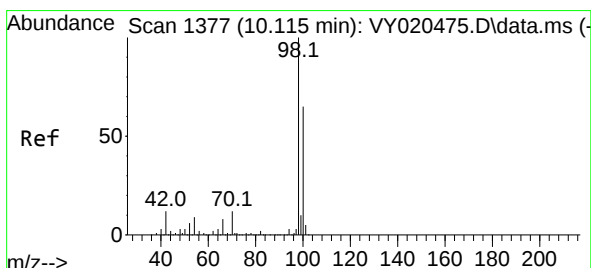
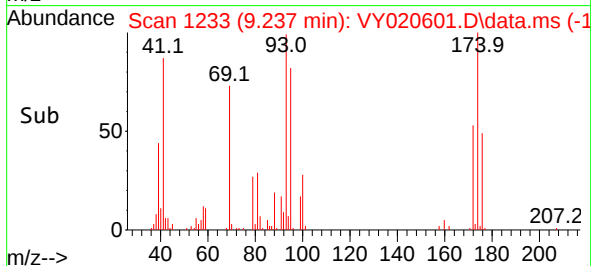
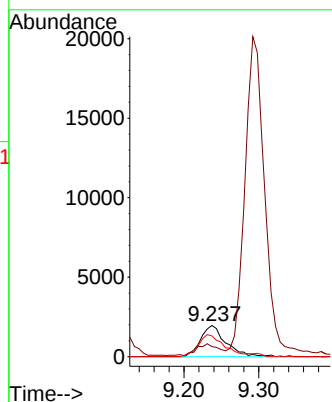
Tgt Ion: 88 Resp: 4609

Ion Ratio Lower Upper

88 100

43 34.8 24.6 37.0

58 71.3 59.6 89.4



#50

Toluene-d8

Concen: 49.082 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020601.D

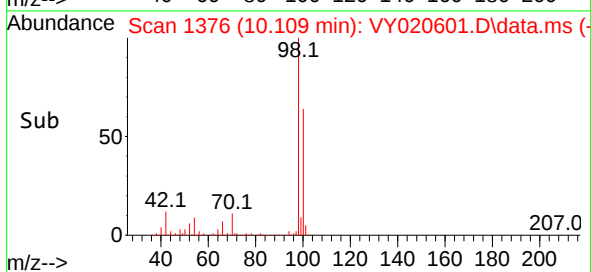
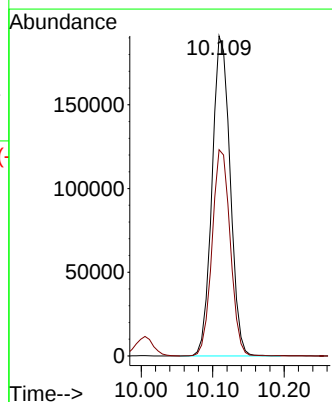
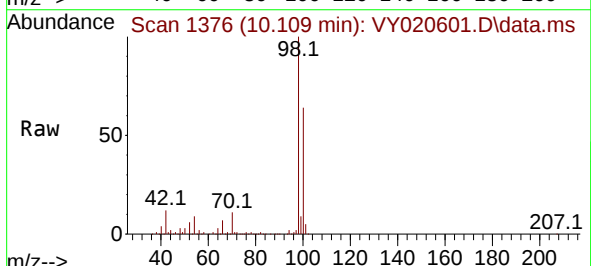
Acq: 13 Dec 2024 11:47

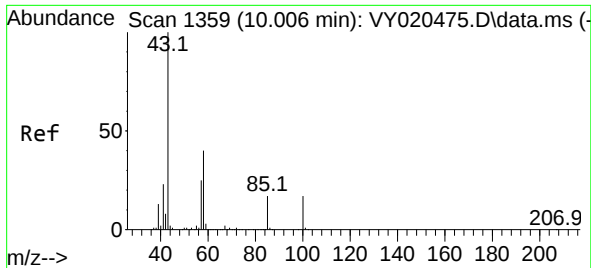
Tgt Ion: 98 Resp: 335028

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9

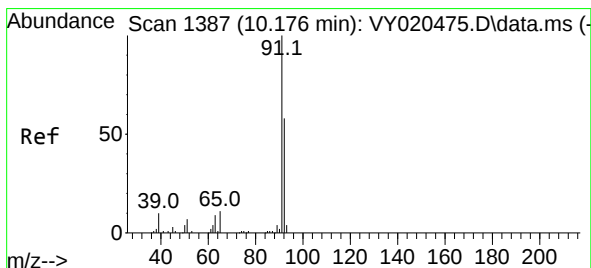
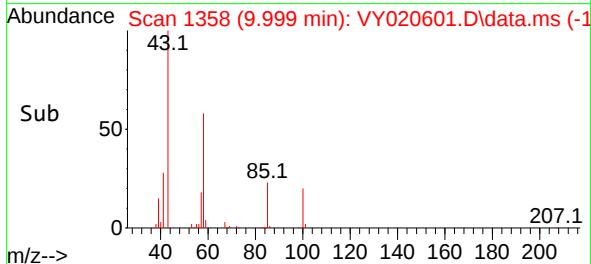
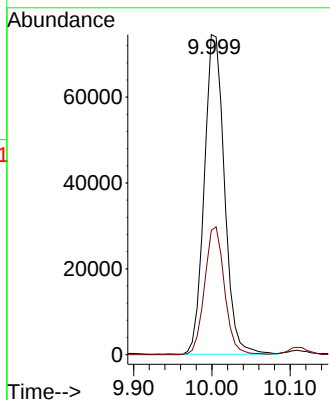
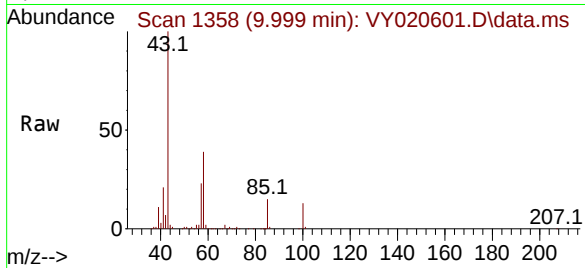




#51
4-Methyl-2-Pentanone
Concen: 111.398 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

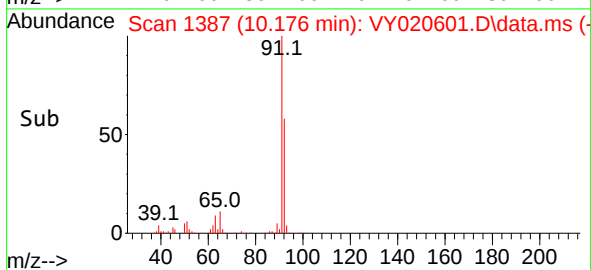
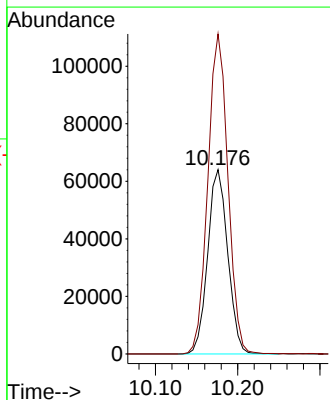
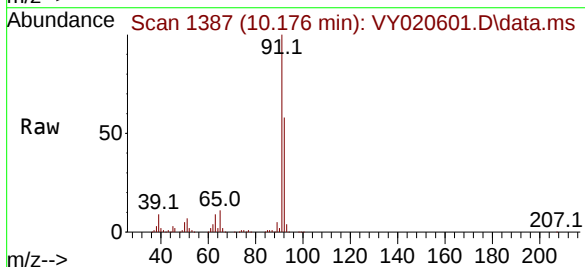
Instrument :
MSVOA_Y
ClientSampleId :

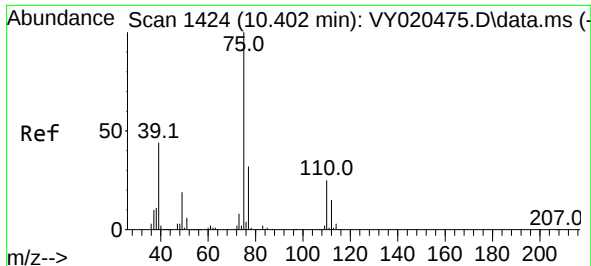
Tgt Ion: 43 Resp: 133227
Ion Ratio Lower Upper
43 100
58 39.4 30.9 46.3



#52
Toluene
Concen: 19.523 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 92 Resp: 108717
Ion Ratio Lower Upper
92 100
91 173.9 139.7 209.5

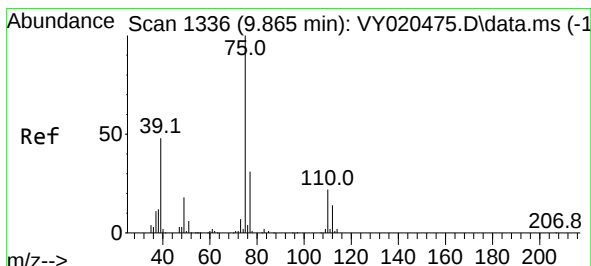
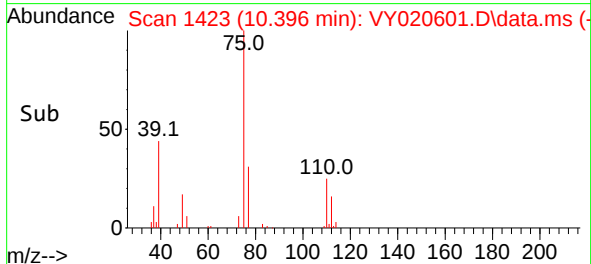
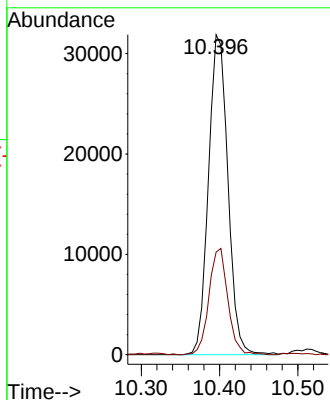
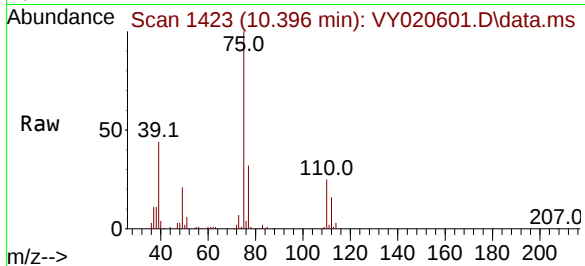




#53
 t-1,3-Dichloropropene
 Concen: 20.076 ug/l
 RT: 10.396 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

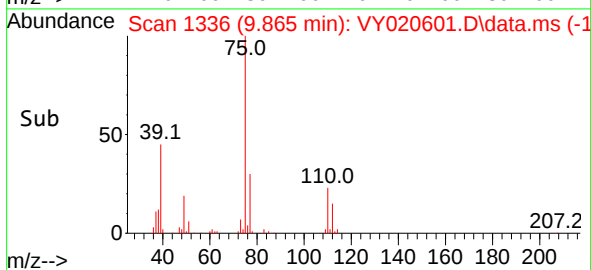
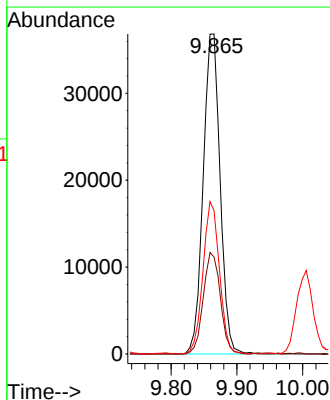
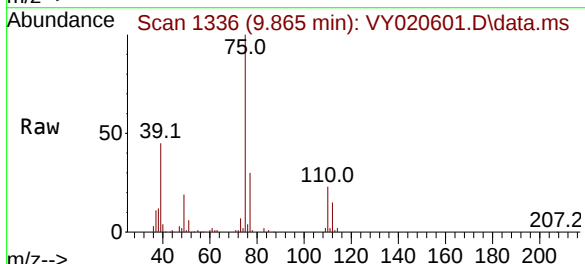
Instrument :
 MSVOA_Y
 ClientSampleId :

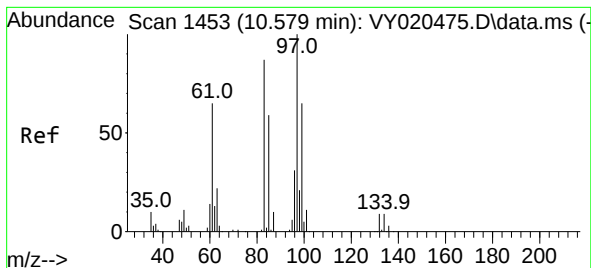
Tgt Ion: 75 Resp: 54914
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.469 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: VY020601.D
 Acq: 13 Dec 2024 11:47

Tgt Ion: 75 Resp: 66170
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4
 39 44.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 21.527 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 29696

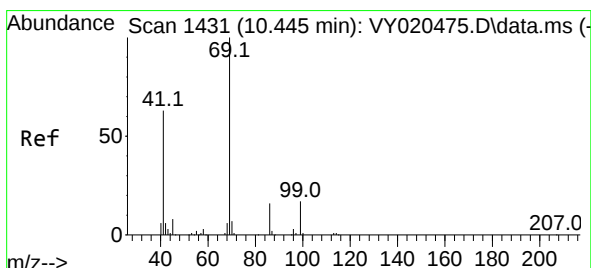
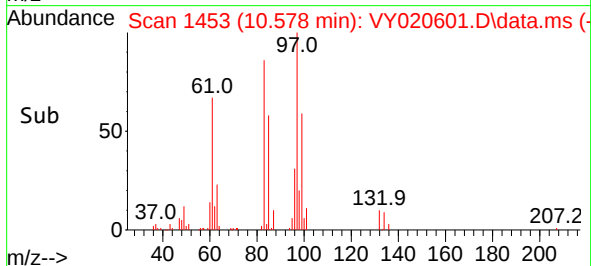
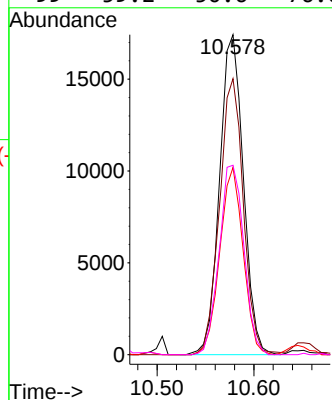
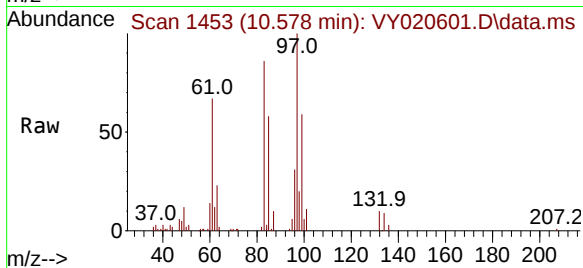
Ion Ratio Lower Upper

97 100

83 86.3 70.8 106.2

85 58.5 44.9 67.3

99 59.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 20.375 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

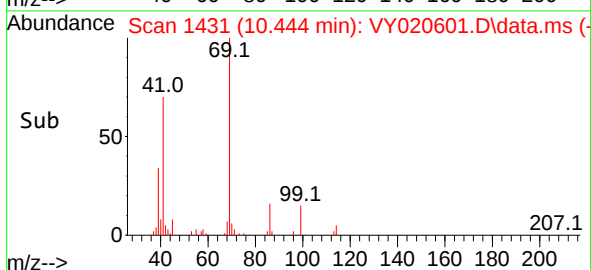
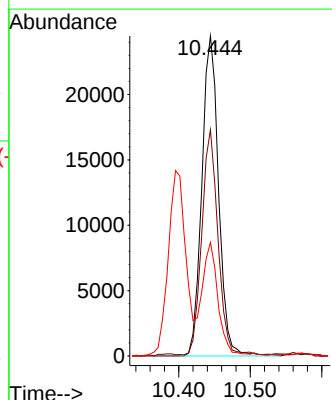
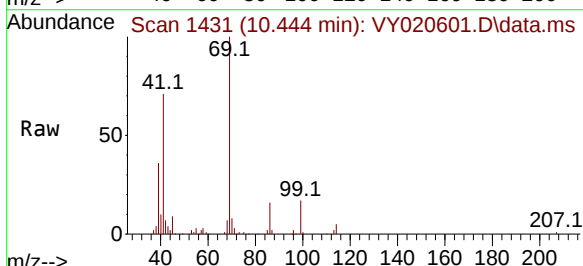
Tgt Ion: 69 Resp: 39768

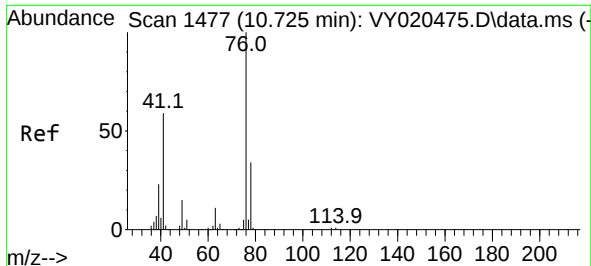
Ion Ratio Lower Upper

69 100

41 67.7 56.1 84.1

39 34.6 29.7 44.5





#57

1,3-Dichloropropane

Concen: 21.113 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

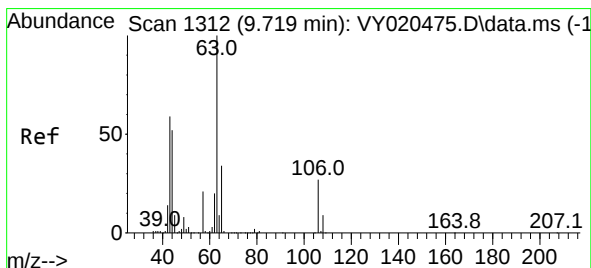
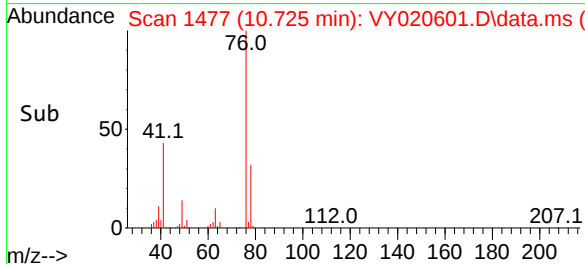
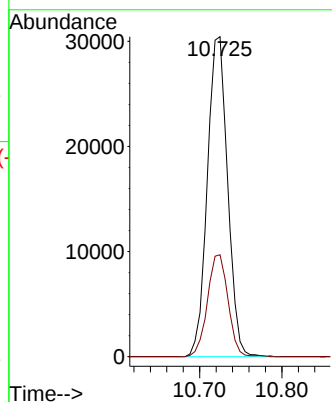
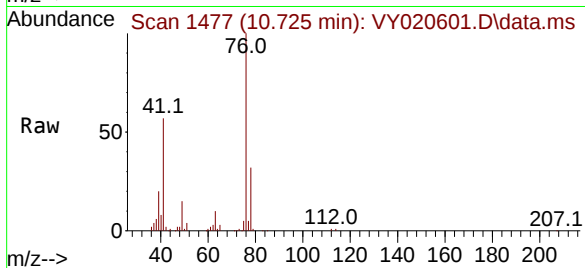
ClientSampleId :

Tgt Ion: 76 Resp: 52152

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.917 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020601.D

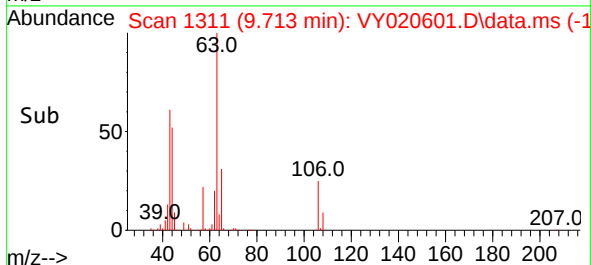
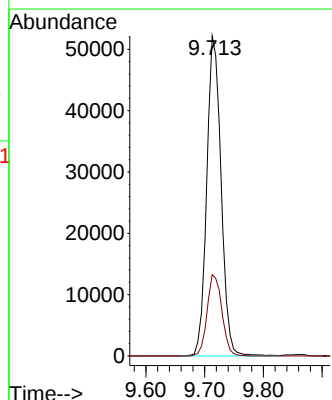
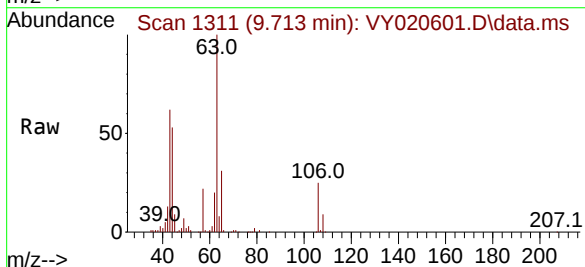
Acq: 13 Dec 2024 11:47

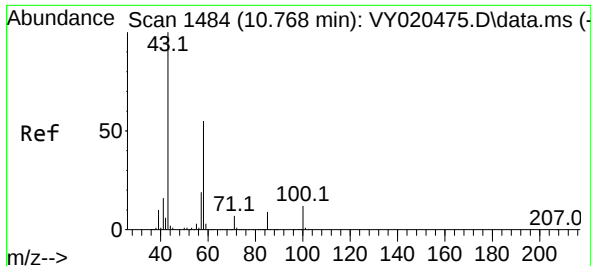
Tgt Ion: 63 Resp: 88569

Ion Ratio Lower Upper

63 100

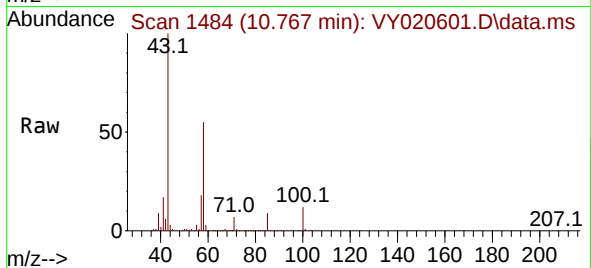
106 26.2 21.0 31.4



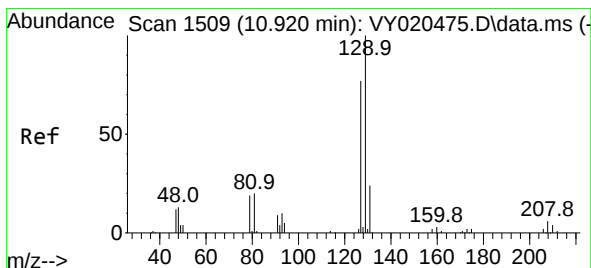
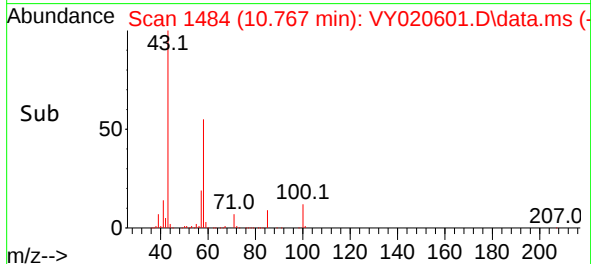
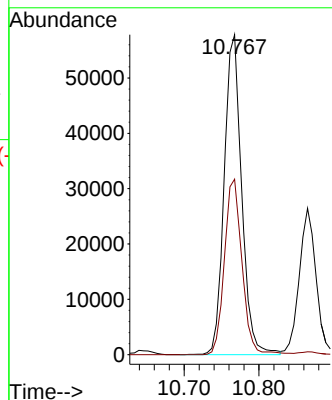


#59
2-Hexanone
Concen: 109.027 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :

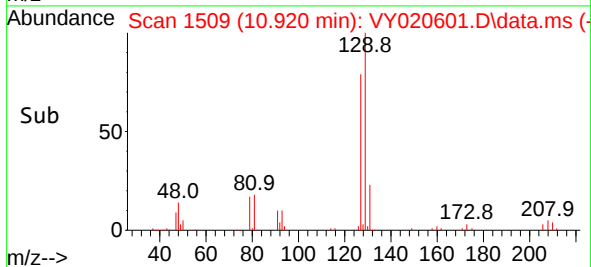
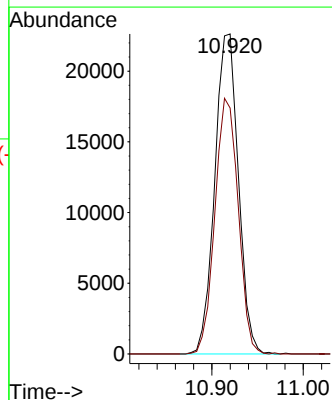
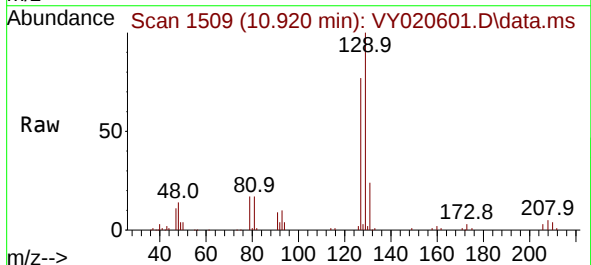


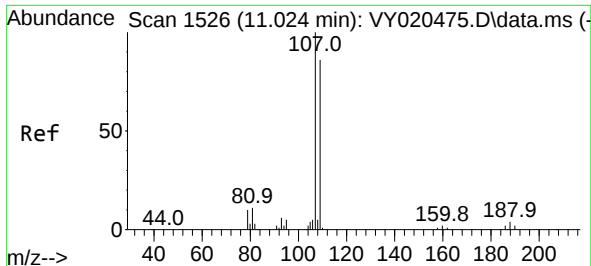
Tgt Ion: 43 Resp: 94065
Ion Ratio Lower Upper
43 100
58 55.3 26.4 79.2



#60
Dibromochloromethane
Concen: 21.158 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 129 Resp: 40634
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

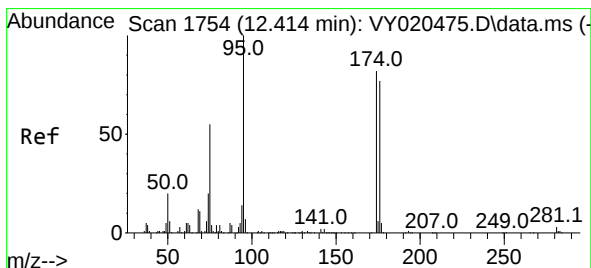
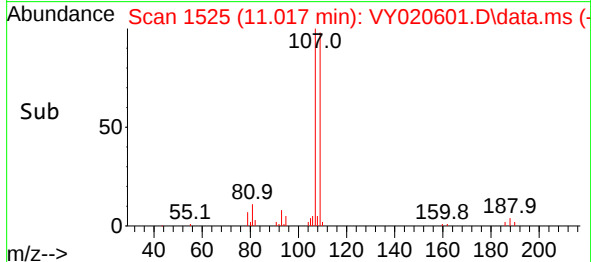
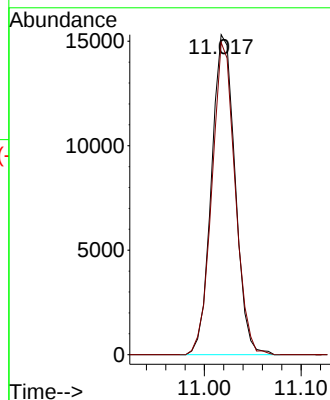
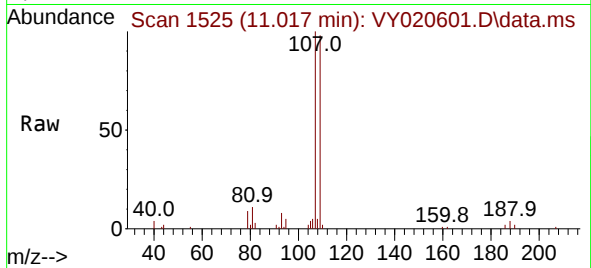




#61
1,2-Dibromoethane
Concen: 20.595 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

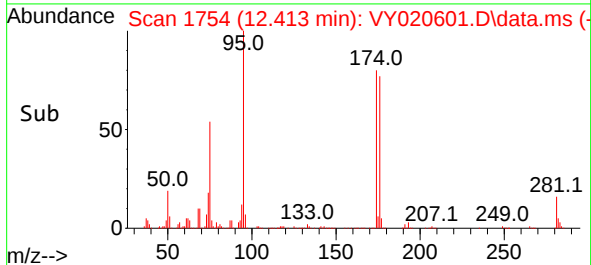
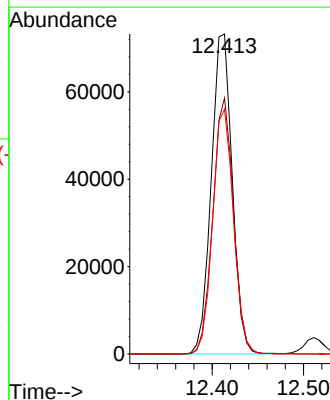
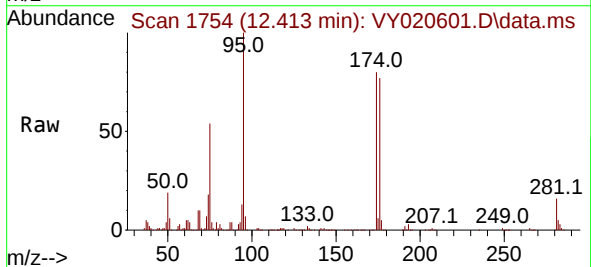
Instrument :
MSVOA_Y
ClientSampleId :

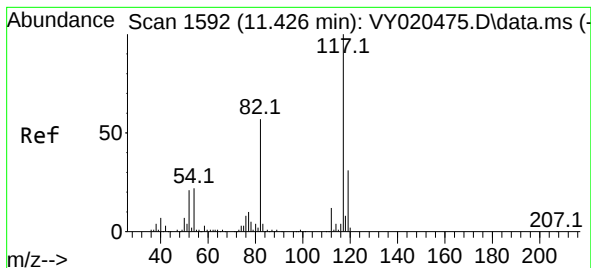
Tgt Ion:107 Resp: 25980
Ion Ratio Lower Upper
107 100
109 95.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.791 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 95 Resp: 116480
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.8
176 76.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

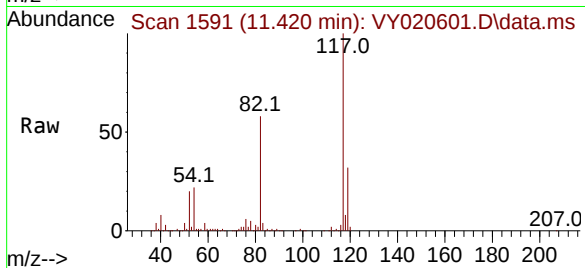
Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :



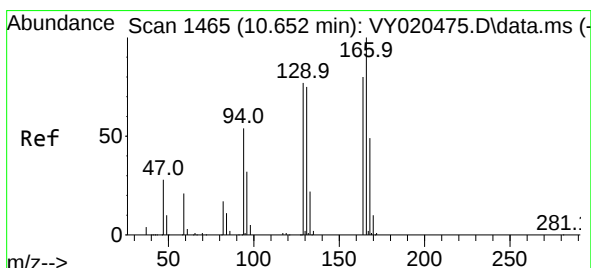
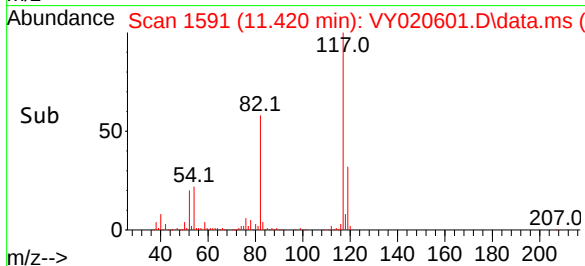
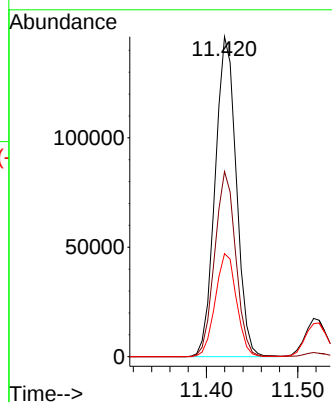
Tgt Ion:117 Resp: 235428

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

119 32.2 25.8 38.8



#64

Tetrachloroethene

Concen: 18.909 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion:164 Resp: 37616

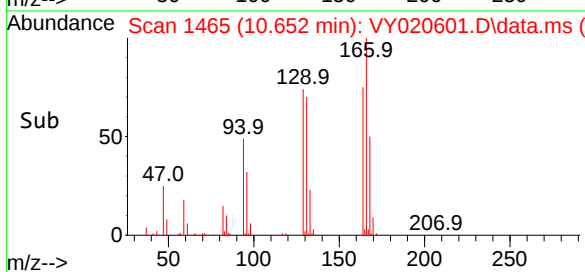
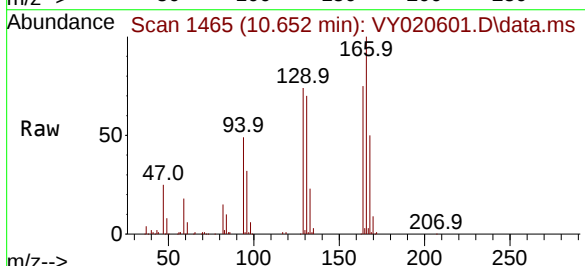
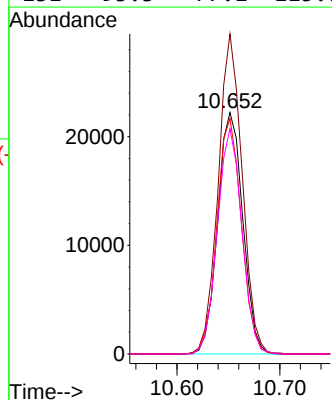
Ion Ratio Lower Upper

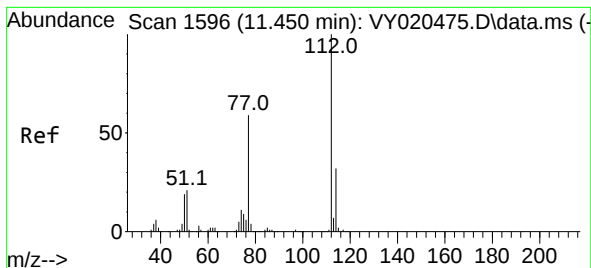
164 100

166 132.5 103.8 155.8

129 97.5 79.0 118.4

131 93.3 77.1 115.7





#65

Chlorobenzene

Concen: 20.297 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

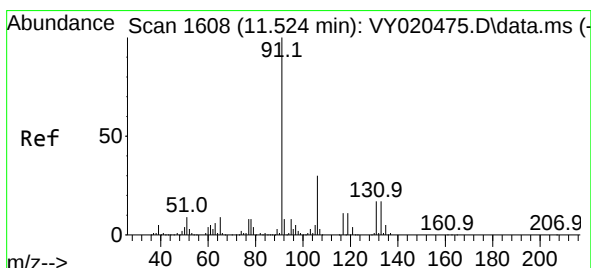
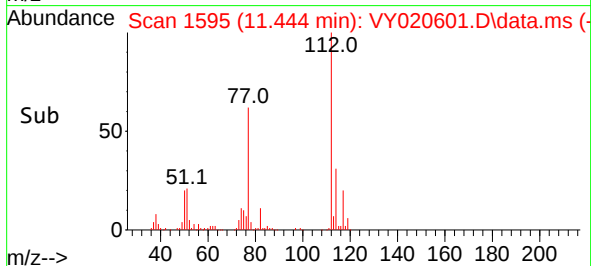
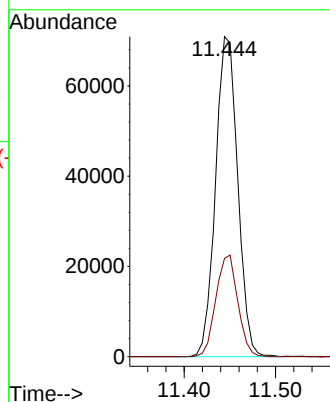
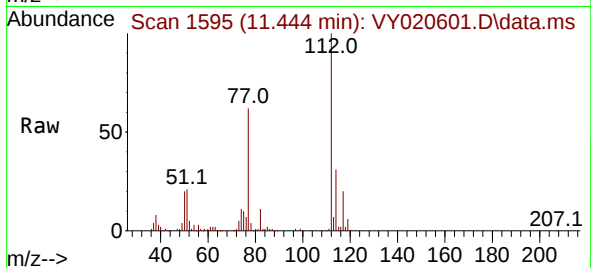
ClientSampleId :

Tgt Ion:112 Resp: 119775

Ion Ratio Lower Upper

112 100

114 30.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.223 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

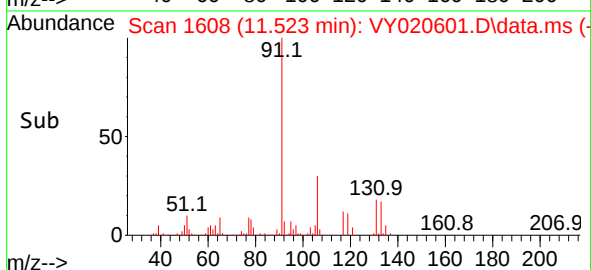
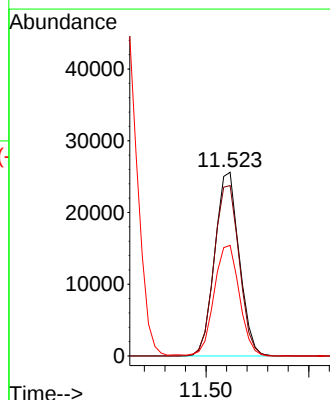
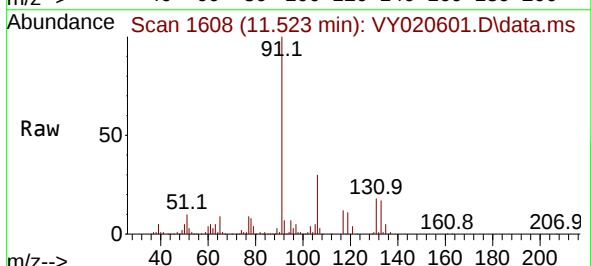
Tgt Ion:131 Resp: 42323

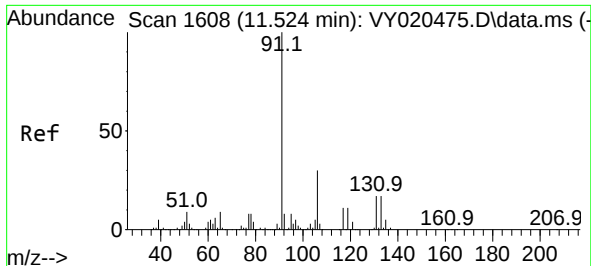
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 62.2 32.5 97.5





#67

Ethyl Benzene

Concen: 19.722 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

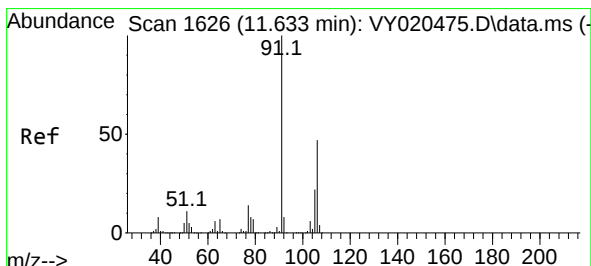
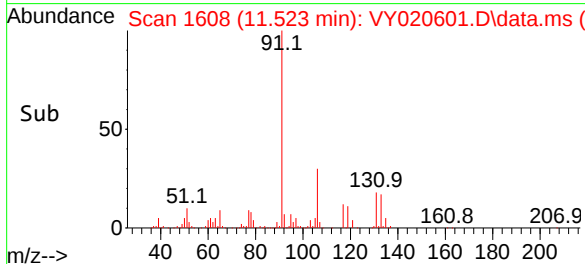
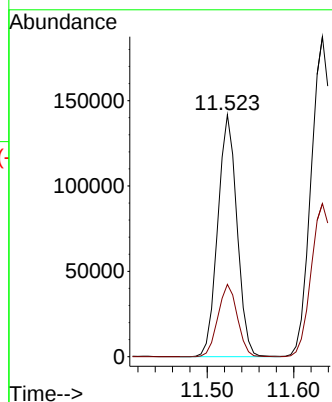
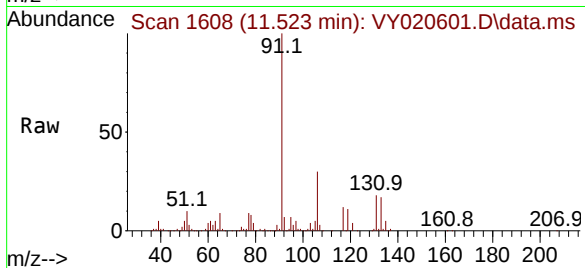
ClientSampleId :

Tgt Ion: 91 Resp: 218153

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 39.600 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020601.D

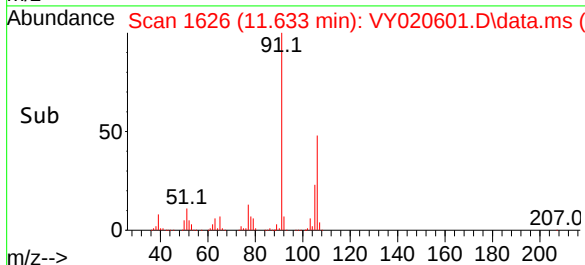
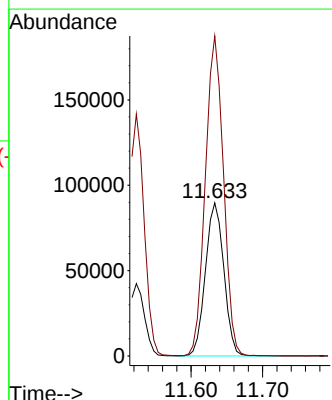
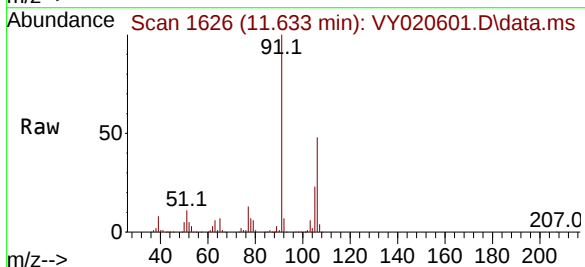
Acq: 13 Dec 2024 11:47

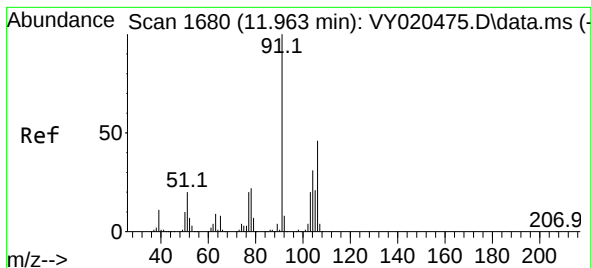
Tgt Ion:106 Resp: 160392

Ion Ratio Lower Upper

106 100

91 205.7 166.0 249.0





#69

o-Xylene

Concen: 19.946 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

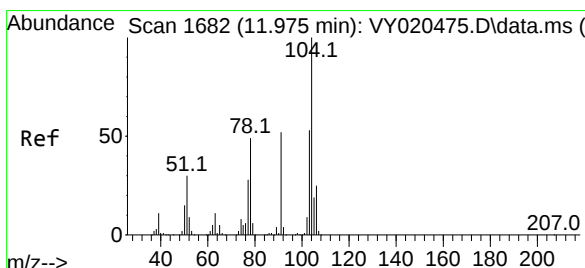
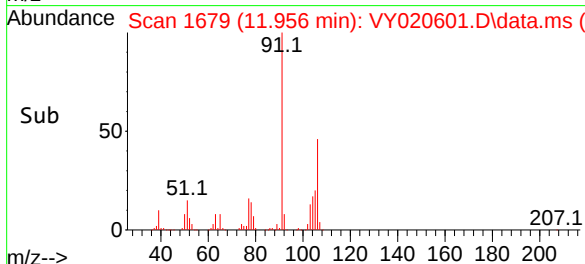
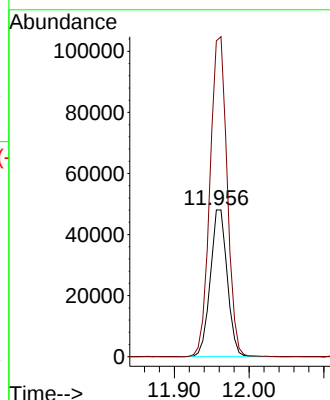
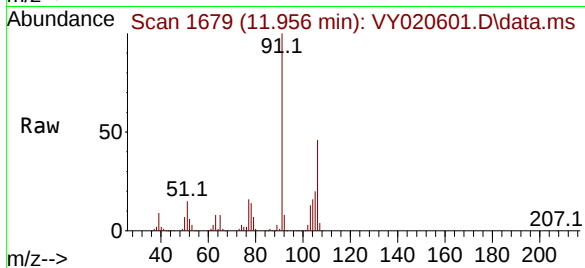
ClientSampleId :

Tgt Ion:106 Resp: 75686

Ion Ratio Lower Upper

106 100

91 221.3 110.0 330.0



#70

Styrene

Concen: 20.307 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

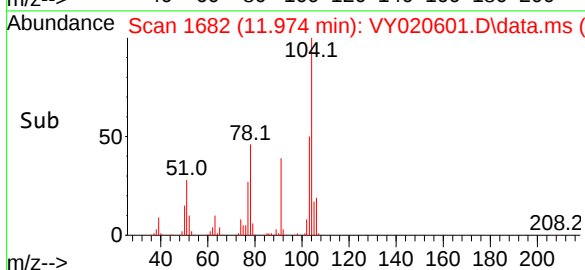
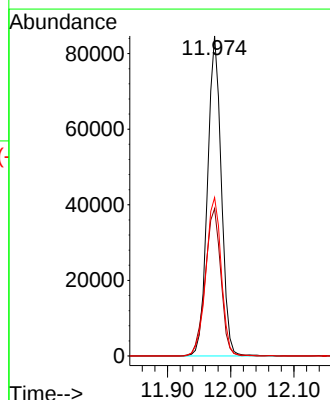
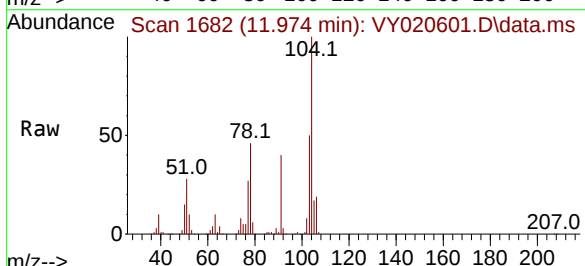
Tgt Ion:104 Resp: 128554

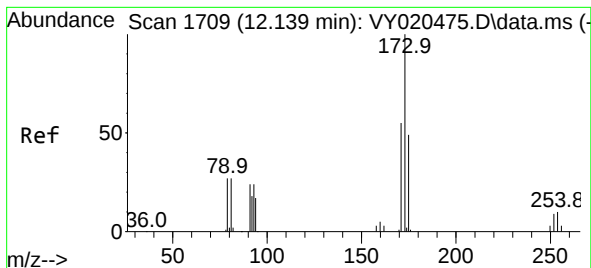
Ion Ratio Lower Upper

104 100

78 52.1 41.4 62.2

103 55.2 44.2 66.4





#71

Bromoform

Concen: 20.709 ug/l

RT: 12.139 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020601.D

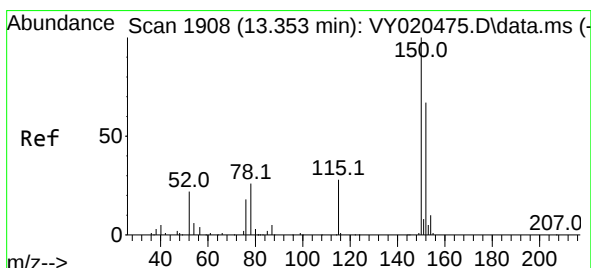
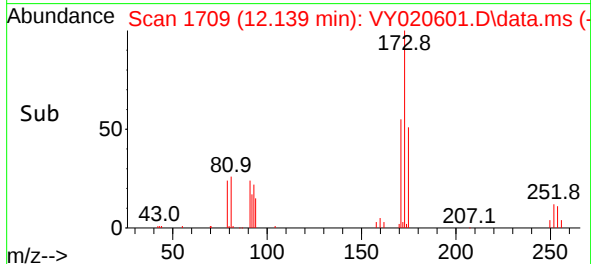
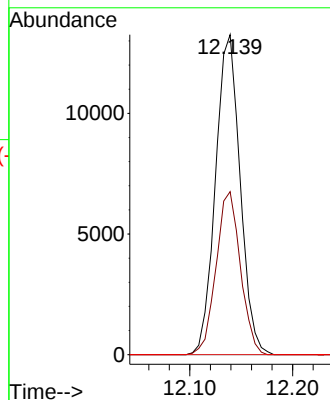
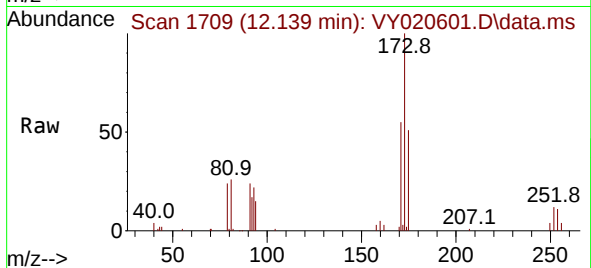
Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	22035
Ion Ratio	Lower	Upper
173	100	
175	50.4	24.3 73.0
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

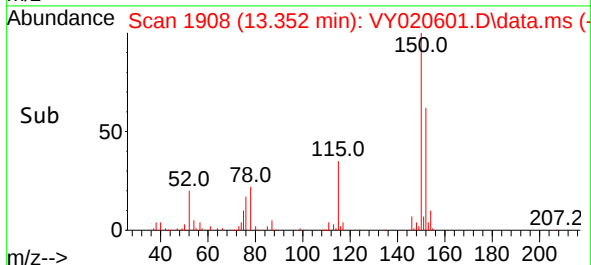
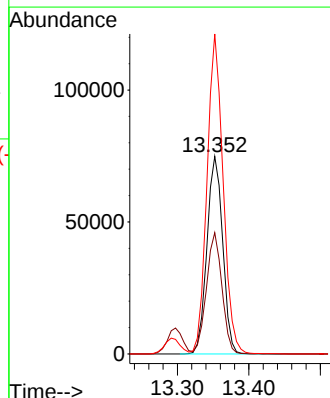
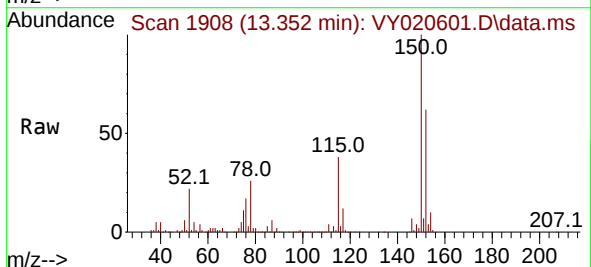
RT: 13.352 min Scan# 1908

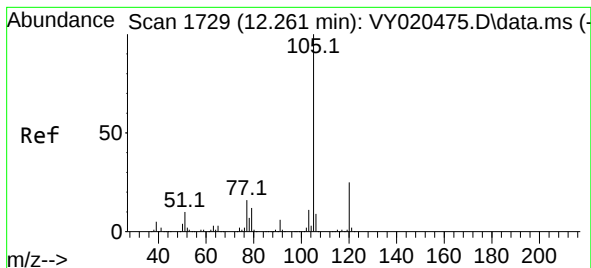
Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion:152	Resp:	114755
Ion Ratio	Lower	Upper
152	100	
115	60.2	30.0 90.0
150	165.2	0.0 348.2





#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

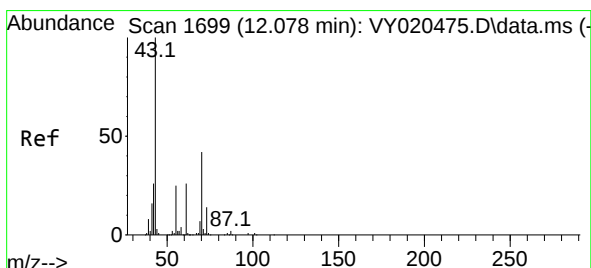
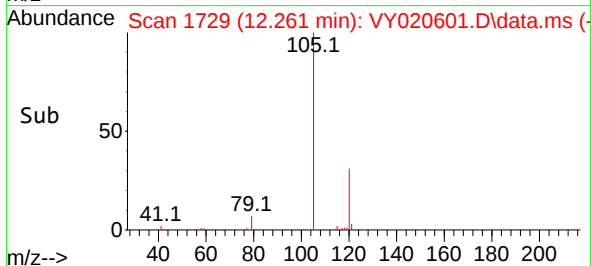
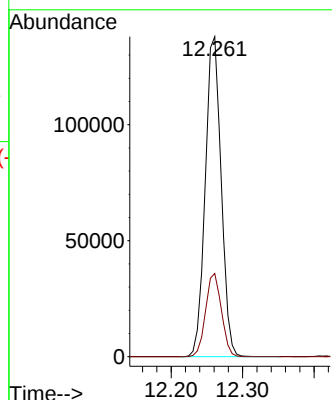
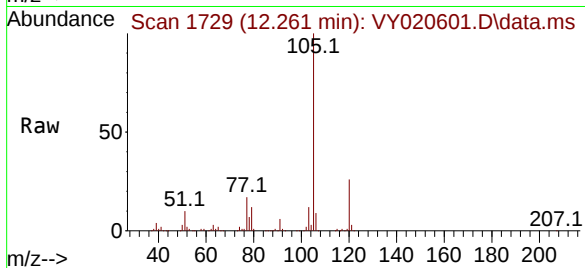
ClientSampleId :

Tgt Ion:105 Resp: 213066

Ion Ratio Lower Upper

105 100

120 25.8 12.7 38.1



#74

N-ethyl acetate

Concen: 20.309 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion: 43 Resp: 44196

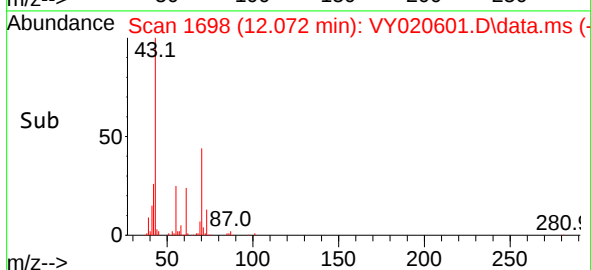
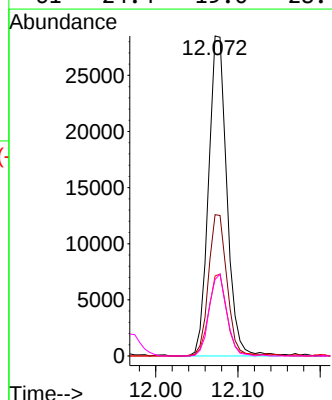
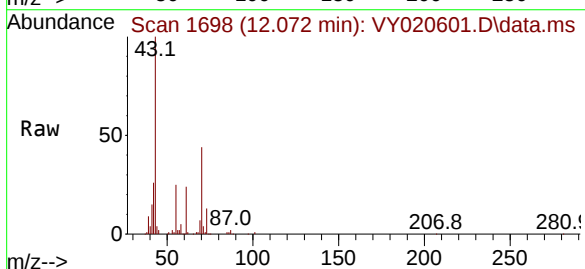
Ion Ratio Lower Upper

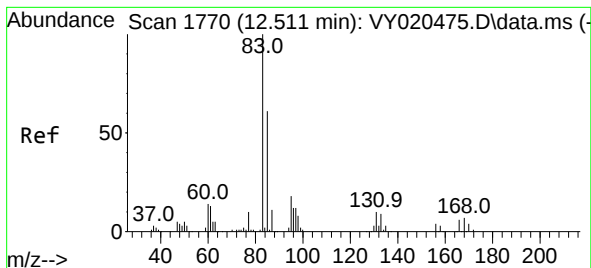
43 100

70 44.7 32.9 49.3

55 25.6 19.3 28.9

61 24.4 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 20.932 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020601.D

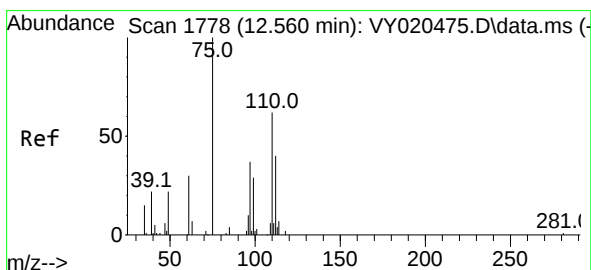
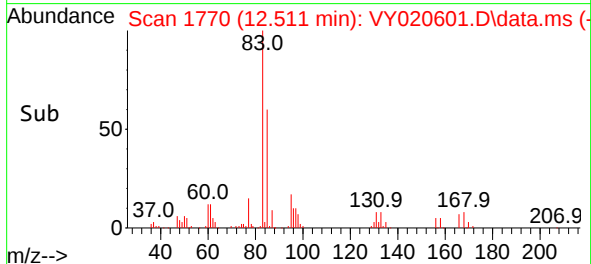
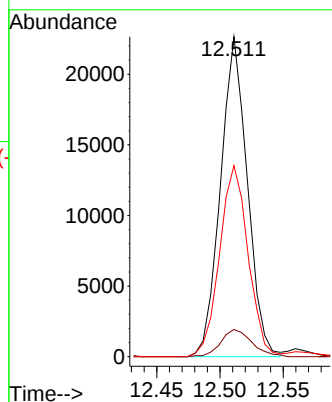
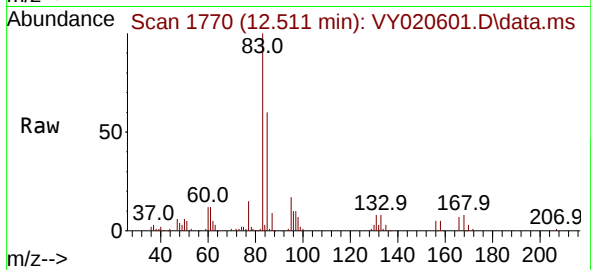
Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	33423
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.8	14.4
85	63.3	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 37.461 ug/l

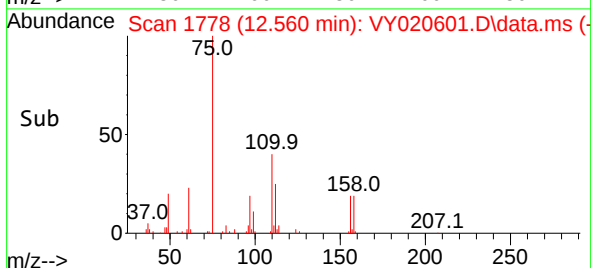
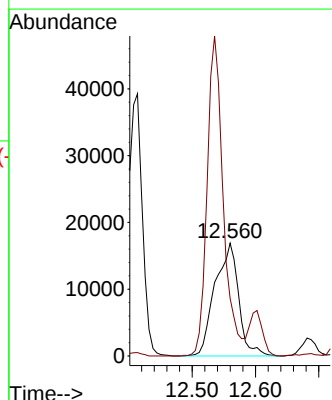
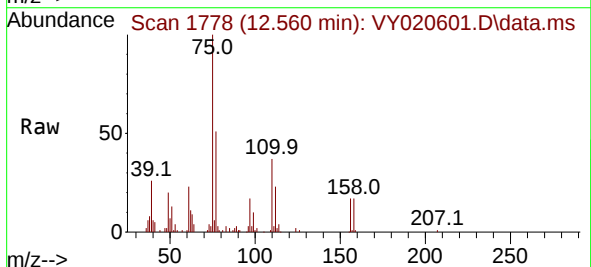
RT: 12.560 min Scan# 1778

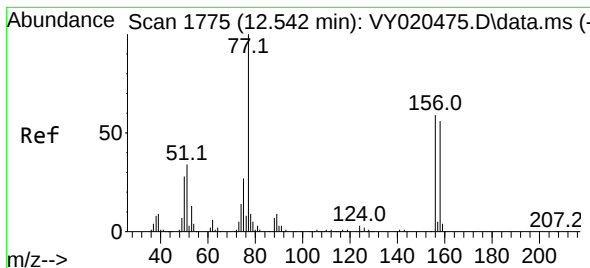
Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion:	75	Resp:	43792
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.494 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

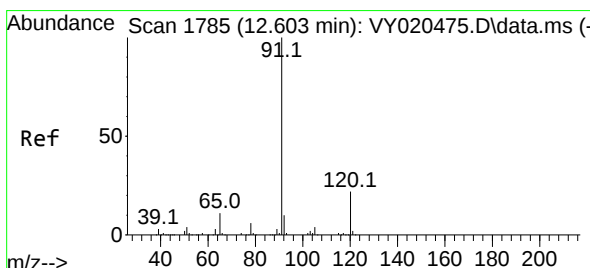
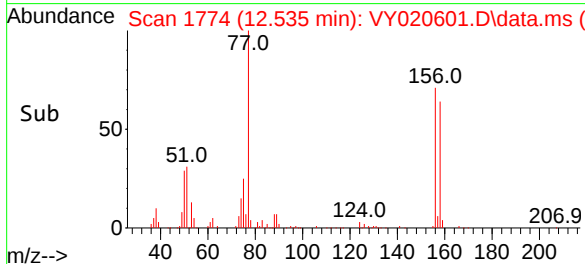
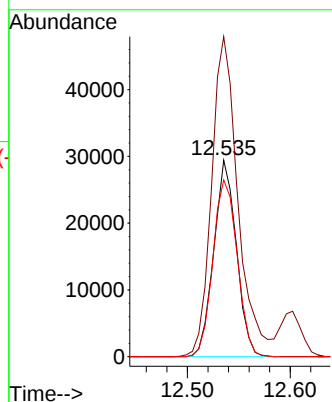
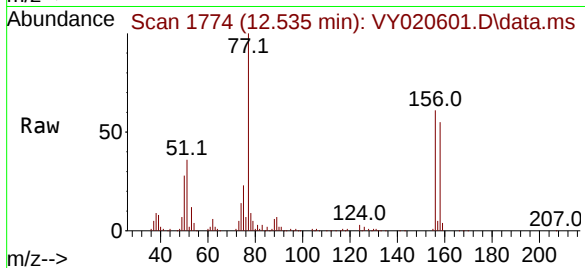
Tgt Ion:156 Resp: 44823

Ion Ratio Lower Upper

156 100

77 188.7 97.2 291.6

158 96.8 47.8 143.4



#78

n-propylbenzene

Concen: 19.597 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY020601.D

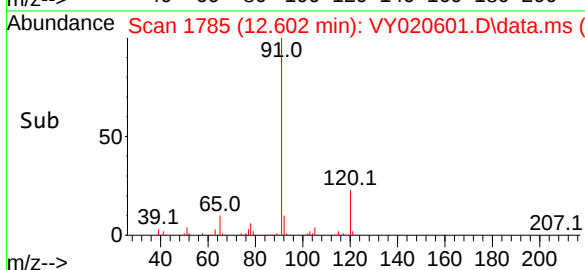
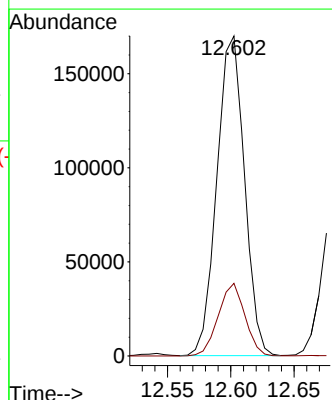
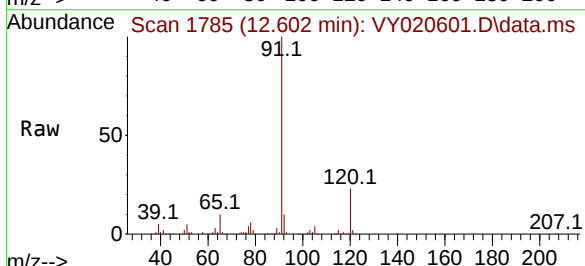
Acq: 13 Dec 2024 11:47

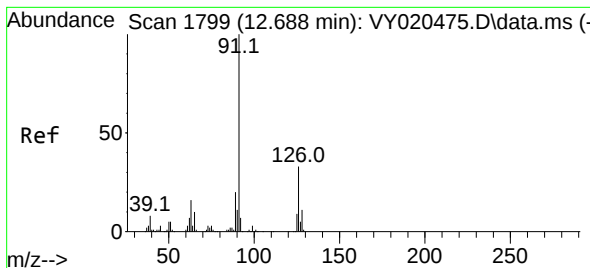
Tgt Ion: 91 Resp: 257615

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.6

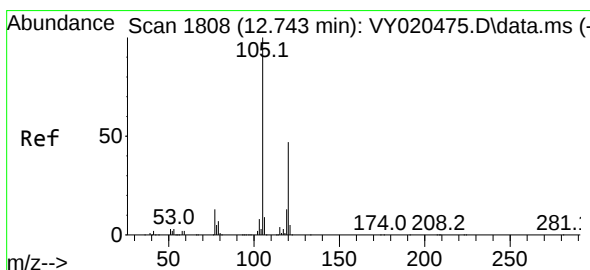
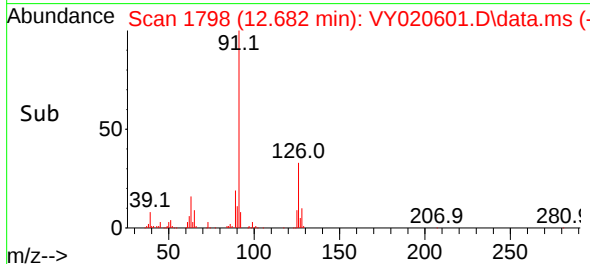
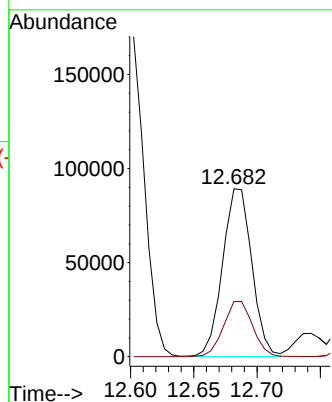
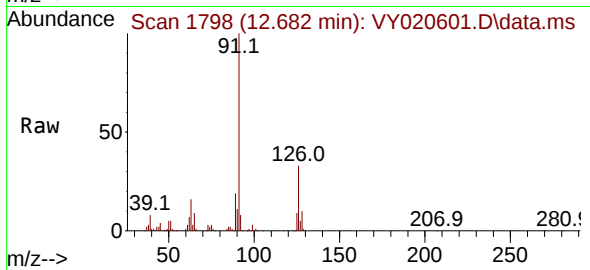




#79
2-Chlorotoluene
Concen: 19.327 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

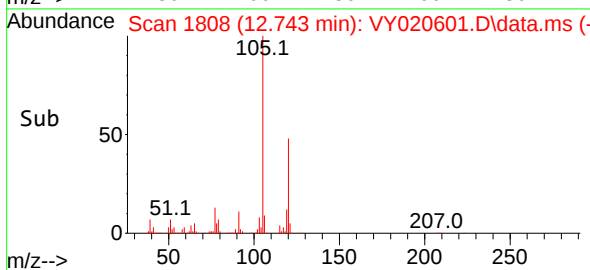
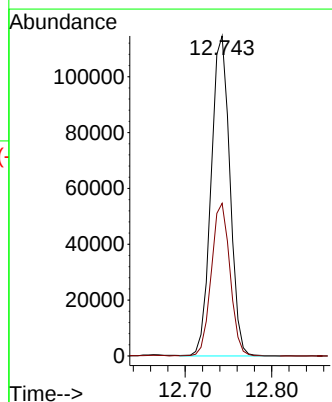
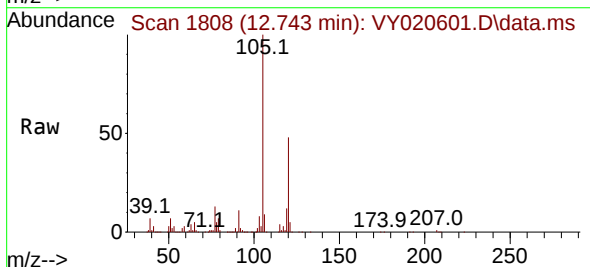
Instrument :
MSVOA_Y
ClientSampleId :

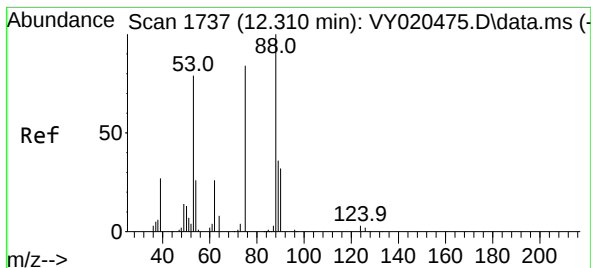
Tgt Ion: 91 Resp: 143363
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.366 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 105 Resp: 172315
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8

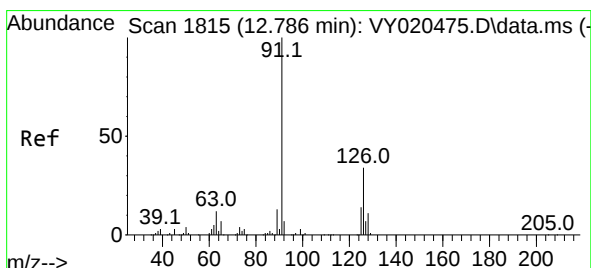
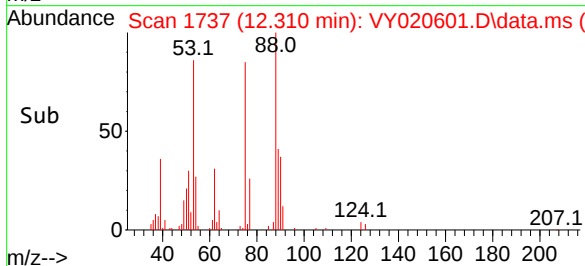
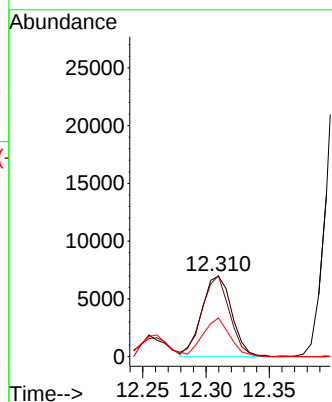
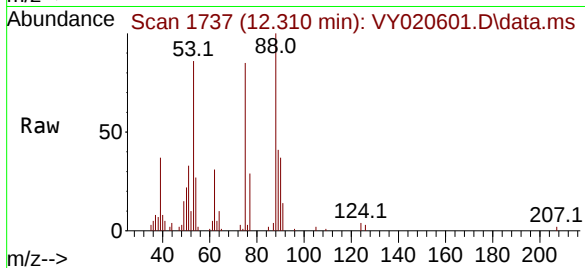




#81
trans-1,4-Dichloro-2-butene
Concen: 20.204 ug/l
RT: 12.310 min Scan# 11511
Delta R.T. -0.000 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

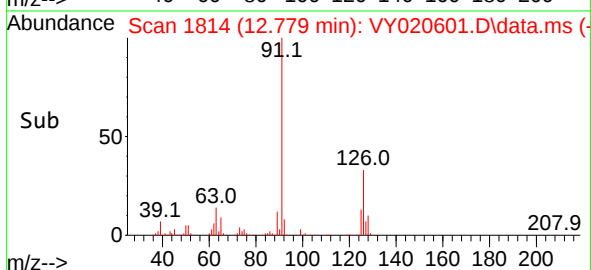
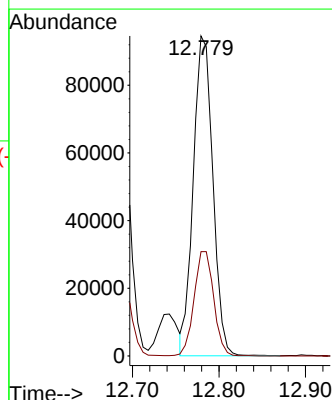
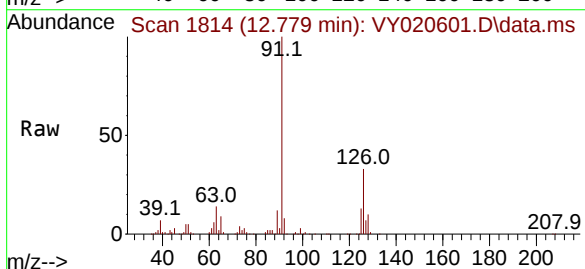
Instrument :
MSVOA_Y
ClientSampleId :

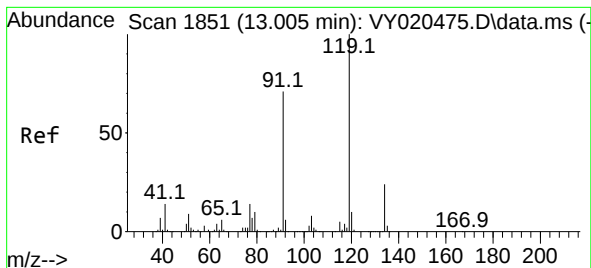
Tgt Ion: 75 Resp: 11511
Ion Ratio Lower Upper
75 100
53 93.2 81.1 121.7
89 42.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion: 91 Resp: 148204
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.896 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

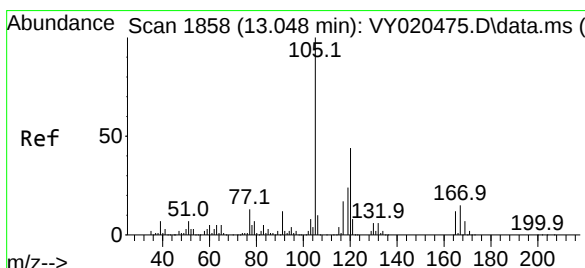
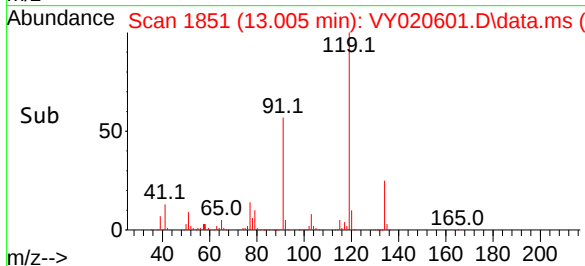
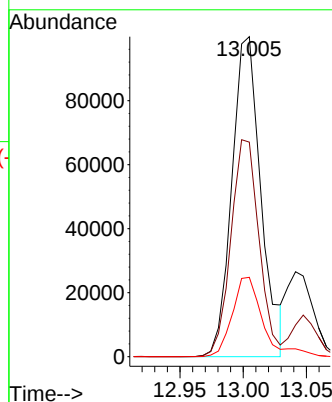
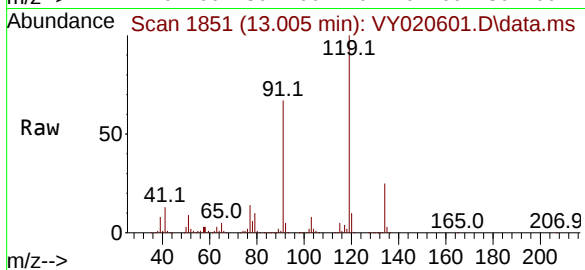
Tgt Ion:119 Resp: 160049

Ion Ratio Lower Upper

119 100

91 65.8 33.3 99.9

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.532 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020601.D

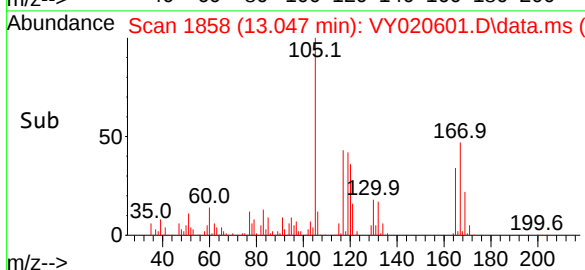
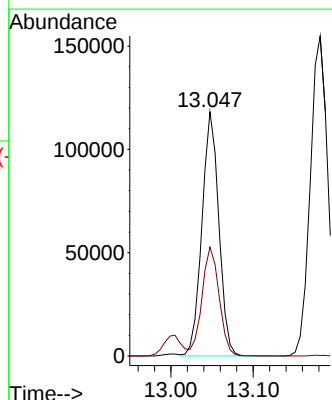
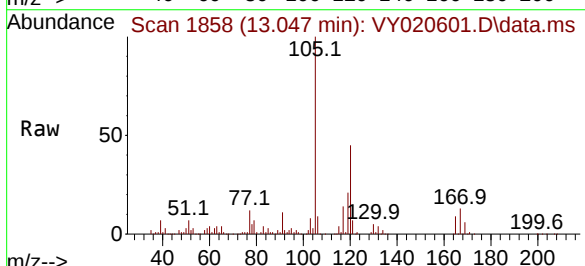
Acq: 13 Dec 2024 11:47

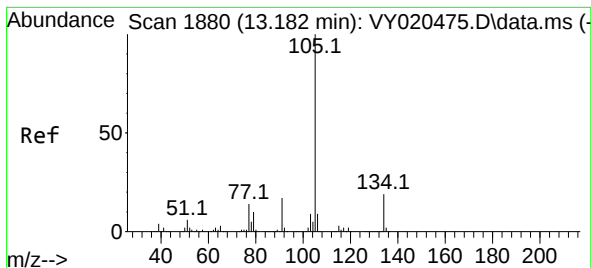
Tgt Ion:105 Resp: 168921

Ion Ratio Lower Upper

105 100

120 44.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.977 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

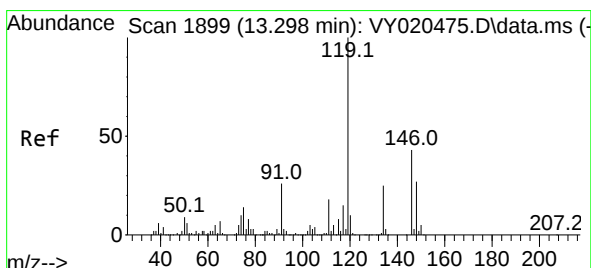
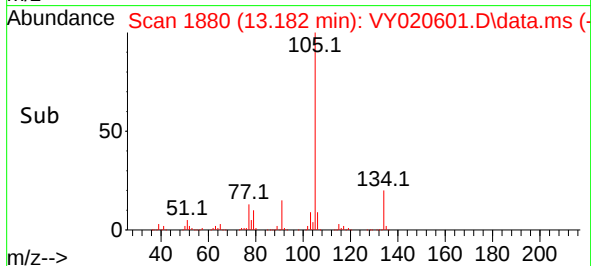
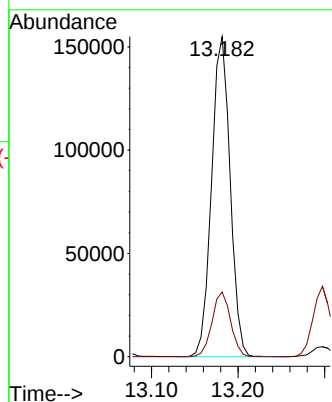
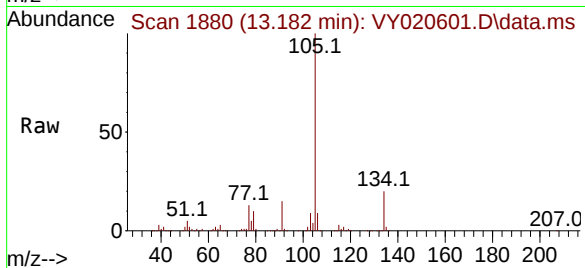
ClientSampleId :

Tgt Ion:105 Resp: 230308

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.051 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

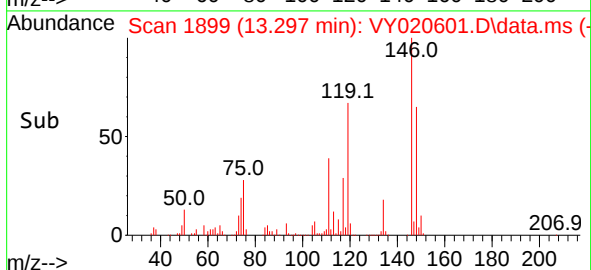
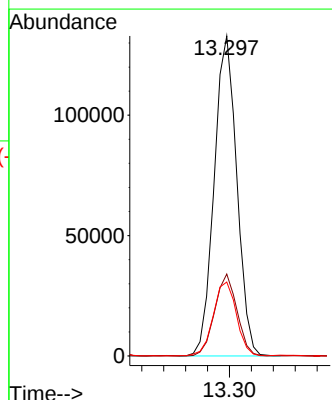
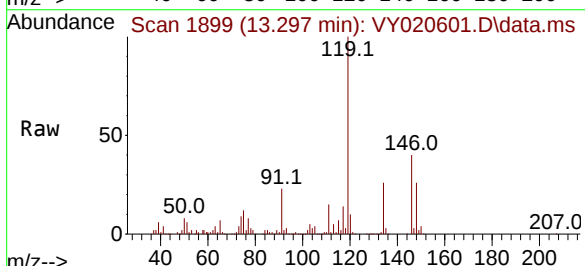
Tgt Ion:119 Resp: 191023

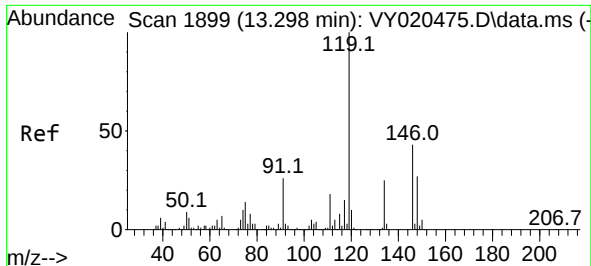
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 23.5 12.3 36.8

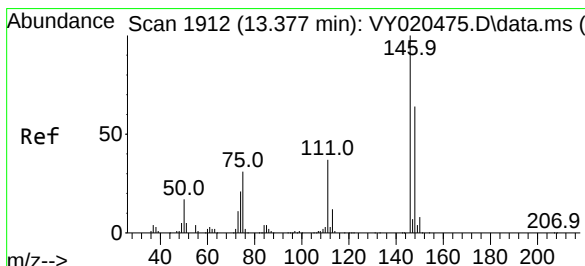
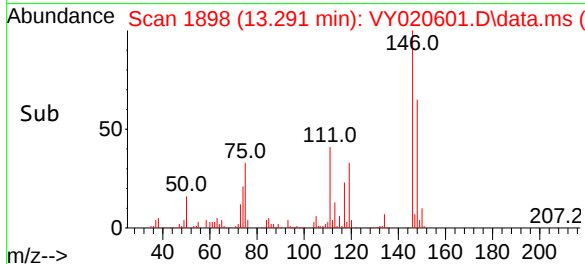
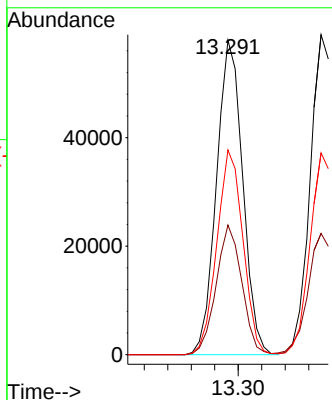
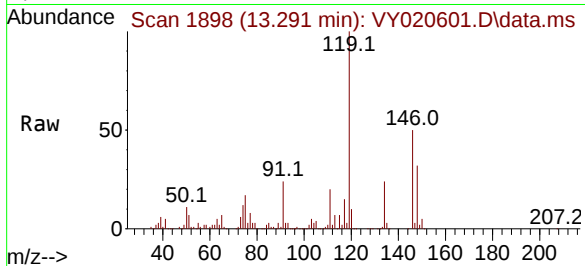




#87
1,3-Dichlorobenzene
Concen: 20.293 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

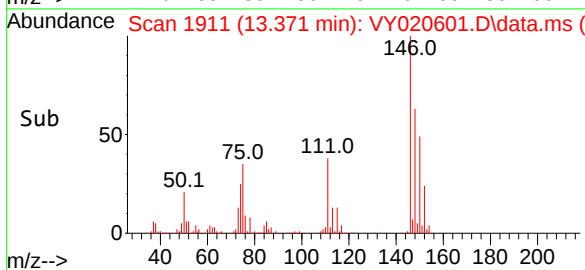
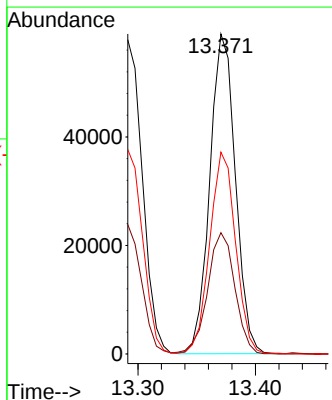
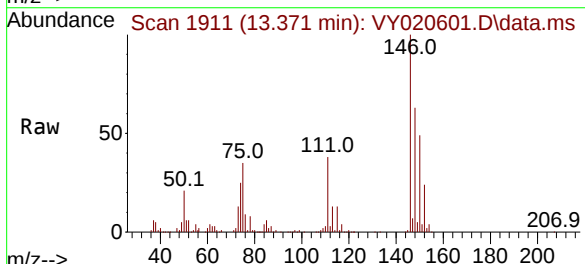
Instrument :
MSVOA_Y
ClientSampleId :

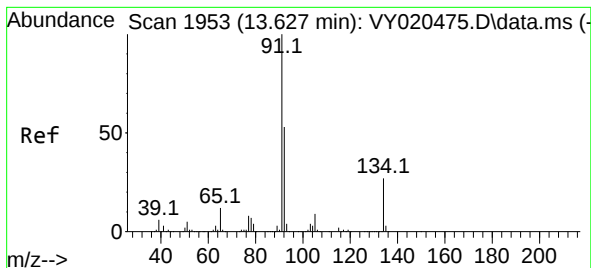
Tgt Ion:146 Resp: 89988
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.8 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 20.567 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020601.D
Acq: 13 Dec 2024 11:47

Tgt Ion:146 Resp: 89285
Ion Ratio Lower Upper
146 100
111 40.4 19.9 59.6
148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 20.192 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

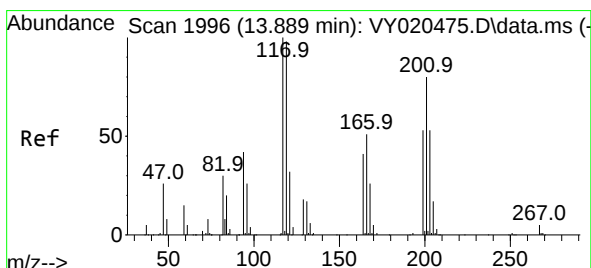
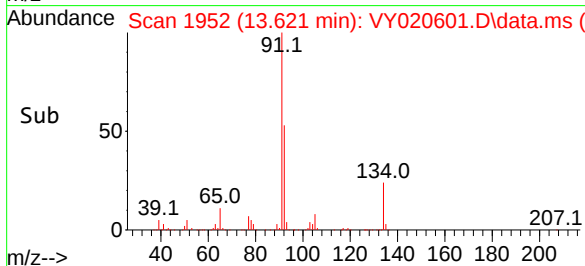
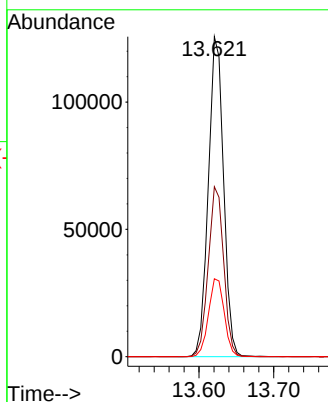
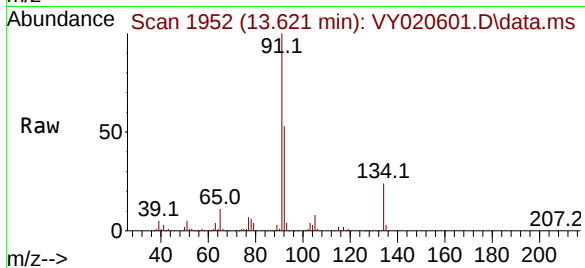
Tgt Ion: 91 Resp: 178414

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.5

134 25.2 12.2 36.4



#90

Hexachloroethane

Concen: 19.902 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020601.D

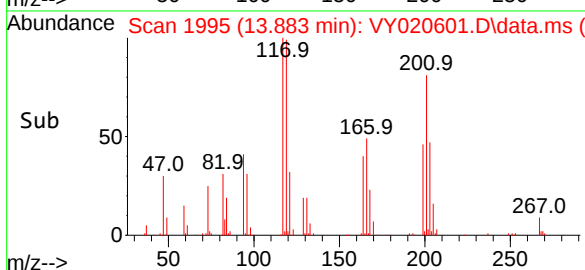
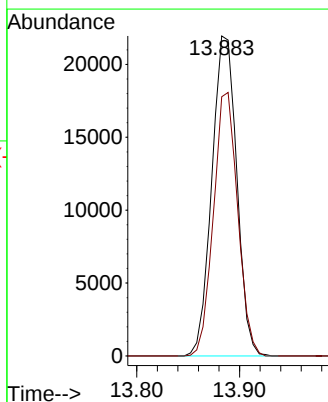
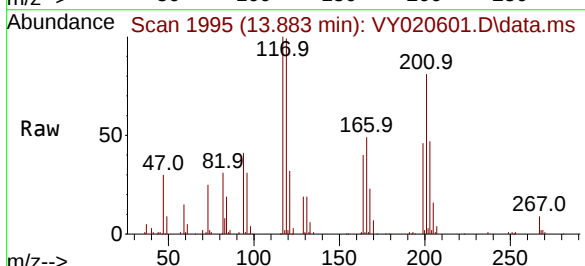
Acq: 13 Dec 2024 11:47

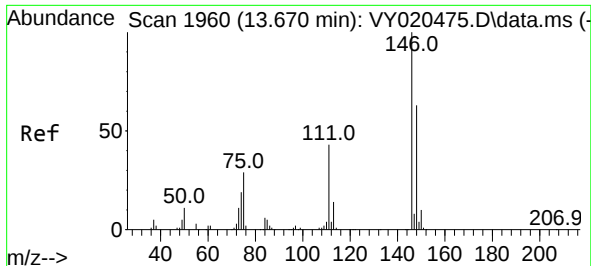
Tgt Ion: 117 Resp: 36952

Ion Ratio Lower Upper

117 100

201 80.0 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.747 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020601.D

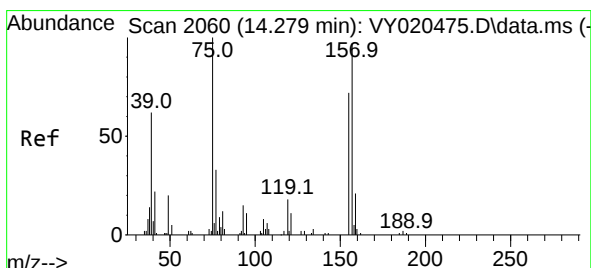
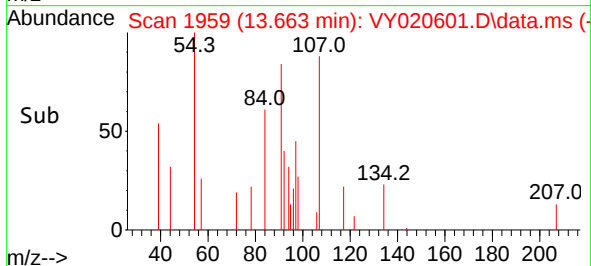
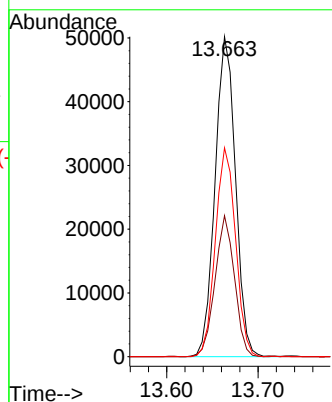
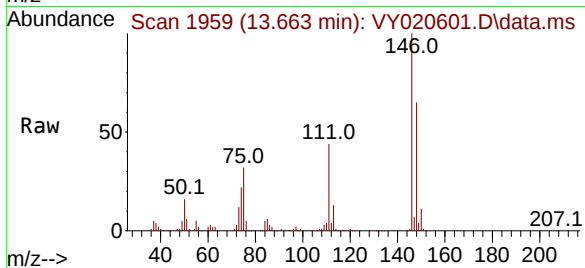
Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	78019
Ion Ratio	Lower	Upper
146	100	
111	41.9	20.8 62.5
148	64.6	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.065 ug/l

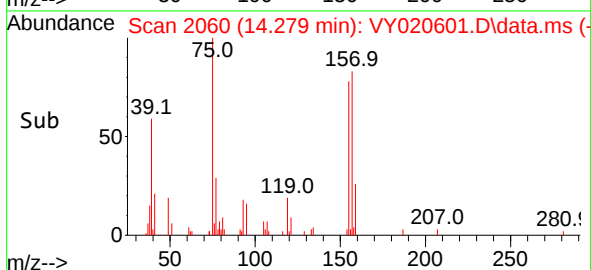
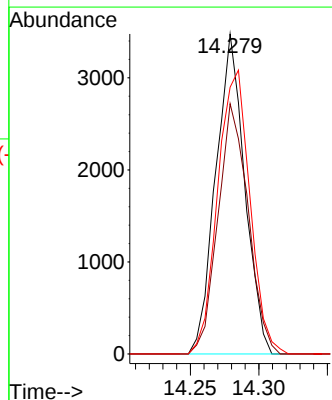
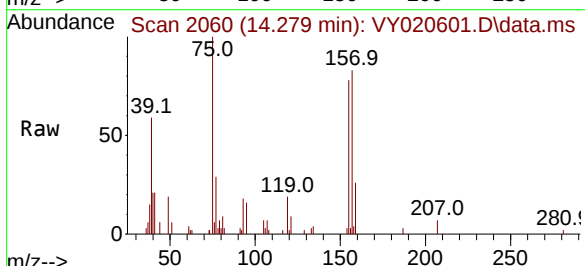
RT: 14.279 min Scan# 2060

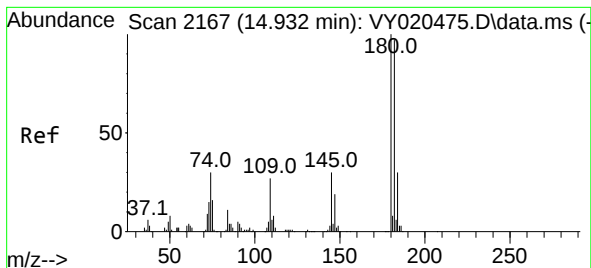
Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion: 75	Resp:	5092
Ion Ratio	Lower	Upper
75	100	
155	81.9	39.7 119.1
157	98.9	52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 20.693 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

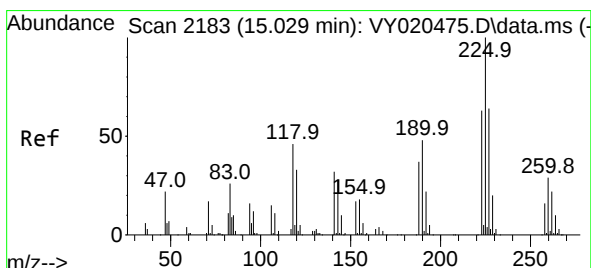
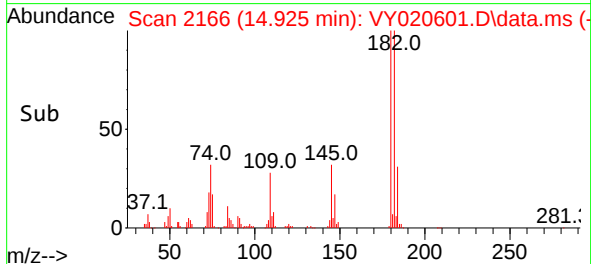
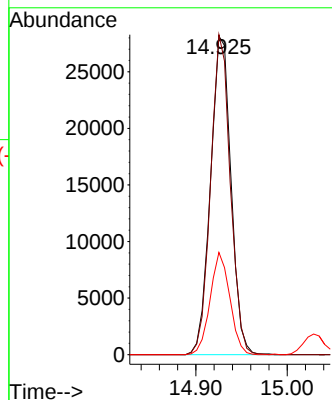
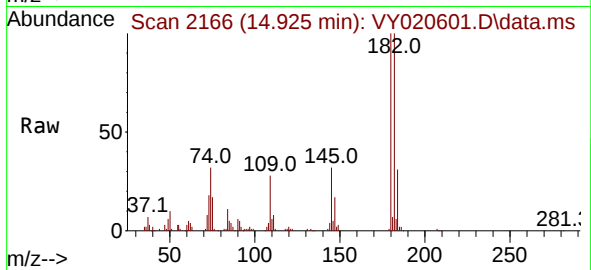
Tgt Ion:180 Resp: 43758

Ion Ratio Lower Upper

180 100

182 96.6 47.6 142.8

145 30.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 21.124 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

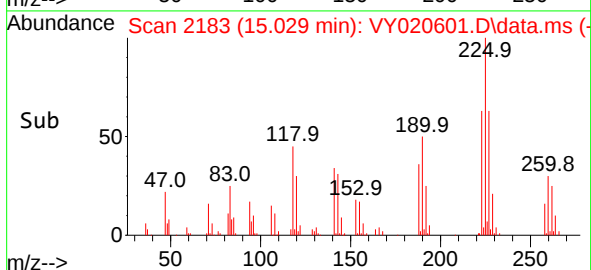
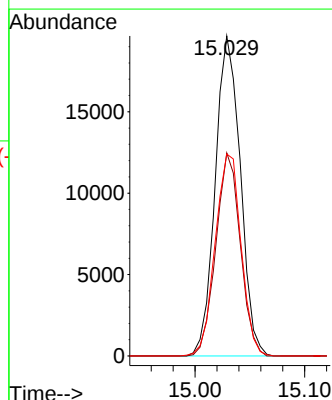
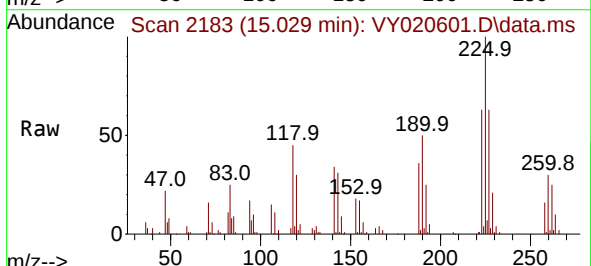
Tgt Ion:225 Resp: 31249

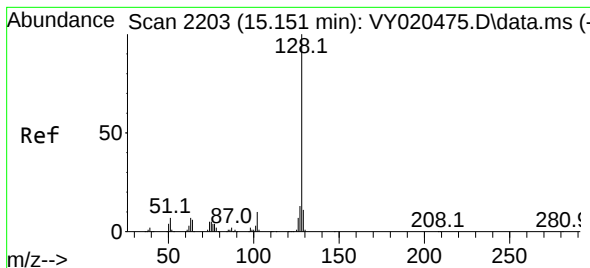
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.5

227 65.0 32.3 96.8





#95

Naphthalene

Concen: 20.733 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

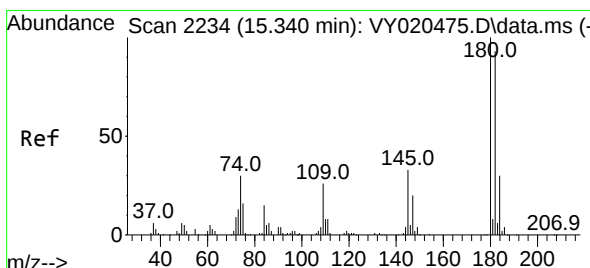
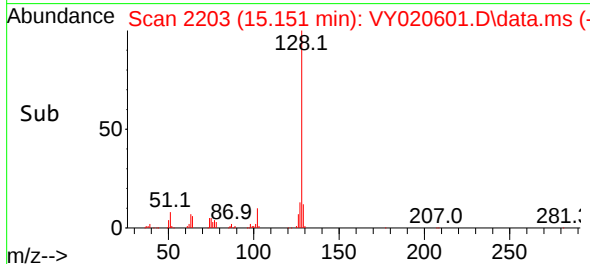
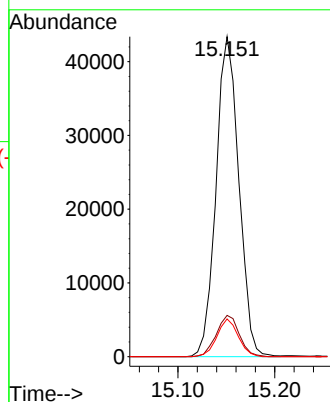
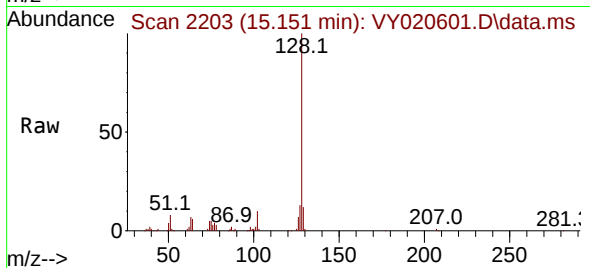
Tgt Ion:128 Resp: 70945

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.071 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020601.D

Acq: 13 Dec 2024 11:47

Tgt Ion:180 Resp: 37659

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 32.0 16.9 50.6

