

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020600.D
 Acq On : 13 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1213SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 13 22:26:53 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	186867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	291642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	235433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80765	42.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.000%
35) Dibromofluoromethane	7.646	113	84826	46.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.400%
50) Toluene-d8	10.115	98	317484	45.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.414	95	107709	44.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	31004	17.009	ug/l	99
3) Chloromethane	2.080	50	33661	18.239	ug/l	99
4) Vinyl Chloride	2.220	62	30509	16.213	ug/l	99
5) Bromomethane	2.611	94	16978	15.378	ug/l	94
6) Chloroethane	2.751	64	16529	14.332	ug/l #	88
7) Trichlorofluoromethane	3.074	101	66977	19.005	ug/l	95
8) Diethyl Ether	3.470	74	18964	18.992	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.836	101	44099	21.475	ug/l	97
10) Methyl Iodide	4.025	142	42897	18.609	ug/l	98
11) Tert butyl alcohol	4.860	59	16263	131.917	ug/l #	94
12) 1,1-Dichloroethene	3.806	96	38145	19.664	ug/l	97
13) Acrolein	3.671	56	9353	81.031	ug/l	99
14) Allyl chloride	4.403	41	69751	20.161	ug/l	95
15) Acrylonitrile	5.080	53	43373	104.248	ug/l	99
16) Acetone	3.885	43	47832	101.221	ug/l	97
17) Carbon Disulfide	4.129	76	81430	14.667	ug/l	99
18) Methyl Acetate	4.403	43	21082	20.990	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	98304	19.844	ug/l	99
20) Methylene Chloride	4.635	84	43028	21.405	ug/l	96
21) trans-1,2-Dichloroethene	5.141	96	42194	19.583	ug/l	96
22) Diisopropyl ether	6.037	45	152216	22.125	ug/l	98
23) Vinyl Acetate	5.976	43	369917	101.656	ug/l	99
24) 1,1-Dichloroethane	5.933	63	88071	21.264	ug/l	99
25) 2-Butanone	6.909	43	61807	103.580	ug/l	96
26) 2,2-Dichloropropane	6.903	77	83215	21.242	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	52397	20.827	ug/l	99
28) Bromochloromethane	7.262	49	27601	17.845	ug/l	98
29) Tetrahydrofuran	7.281	42	33689	98.965	ug/l	99
30) Chloroform	7.439	83	90163	21.211	ug/l	98
31) Cyclohexane	7.713	56	70157	18.736	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	83379	20.370	ug/l	98
36) 1,1-Dichloropropene	7.854	75	63076	20.344	ug/l	100
37) Ethyl Acetate	7.000	43	25692	20.916	ug/l	99
38) Carbon Tetrachloride	7.829	117	74517	20.137	ug/l	96
39) Methylcyclohexane	9.122	83	74657	19.405	ug/l	98
40) Benzene	8.091	78	187221	20.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	13871	19.864	ug/l	93
42) 1,2-Dichloroethane	8.171	62	46696	19.440	ug/l	99
43) Isopropyl Acetate	8.207	43	49654	20.019	ug/l #	88
44) Trichloroethene	8.878	130	47744	21.186	ug/l	95
45) 1,2-Dichloropropane	9.152	63	46417	21.698	ug/l	98
46) Dibromomethane	9.244	93	21382	20.188	ug/l	97
47) Bromodichloromethane	9.433	83	65783	21.080	ug/l	99
48) Methyl methacrylate	9.231	41	22729	19.651	ug/l	95
49) 1,4-Dioxane	9.231	88	4156	410.506	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	125391	102.365	ug/l	98
52) Toluene	10.182	92	118340	20.748	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	56271	20.085	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	69289	20.927	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	29762	21.065	ug/l	97
56) Ethyl methacrylate	10.445	69	38709	19.363	ug/l	95
57) 1,3-Dichloropropane	10.725	76	53071	20.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	85735	91.596	ug/l	99
59) 2-Hexanone	10.768	43	88061	99.652	ug/l	99
60) Dibromochloromethane	10.920	129	41476	21.085	ug/l	98
61) 1,2-Dibromoethane	11.024	107	26069	20.176	ug/l	98
64) Tetrachloroethene	10.658	164	40779	20.499	ug/l	96
65) Chlorobenzene	11.451	112	125952	21.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	44346	21.189	ug/l	99
67) Ethyl Benzene	11.530	91	235470	21.288	ug/l	98
68) m/p-Xylenes	11.640	106	172173	42.508	ug/l	100
69) o-Xylene	11.963	106	80559	21.230	ug/l	99
70) Styrene	11.981	104	134836	21.299	ug/l	100
71) Bromoform	12.139	173	22241	20.902	ug/l #	99
73) Isopropylbenzene	12.261	105	232600	21.528	ug/l	100
74) N-amyl acetate	12.078	43	40690	19.214	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	31915	20.540	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	42716	37.551	ug/l #	100
77) Bromobenzene	12.542	156	46447	20.758	ug/l	97
78) n-propylbenzene	12.603	91	274622	21.468	ug/l	99
79) 2-Chlorotoluene	12.688	91	154419	21.393	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	183770	21.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10341	18.652	ug/l	98
82) 4-Chlorotoluene	12.786	91	155255	21.077	ug/l	99
83) tert-Butylbenzene	13.005	119	166290	21.243	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	178238	21.179	ug/l	98
85) sec-Butylbenzene	13.182	105	247949	22.101	ug/l	99
86) p-Isopropyltoluene	13.304	119	202428	21.835	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	93818	21.741	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	91187	21.586	ug/l	99
89) n-Butylbenzene	13.627	91	192244	22.358	ug/l	100
90) Hexachloroethane	13.889	117	39984	22.131	ug/l	95
91) 1,2-Dichlorobenzene	13.670	146	79027	21.595	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4419	18.786	ug/l	97
93) 1,2,4-Trichlorobenzene	14.932	180	42864	20.831	ug/l	99
94) Hexachlorobutadiene	15.035	225	32148	22.332	ug/l	98
95) Naphthalene	15.157	128	61789	18.556	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	33793	20.353	ug/l	100

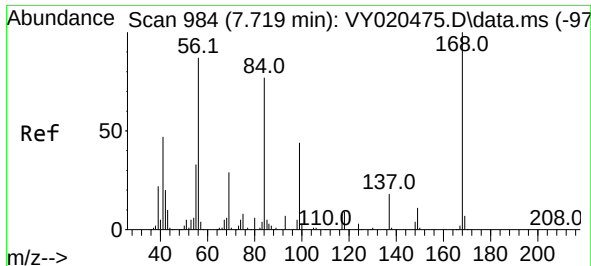
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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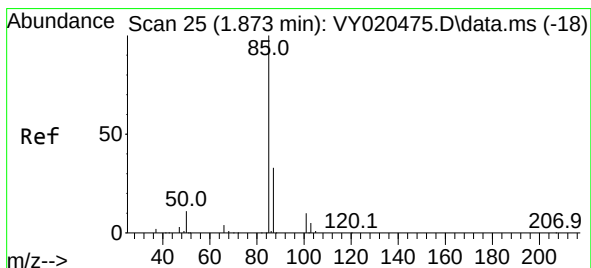
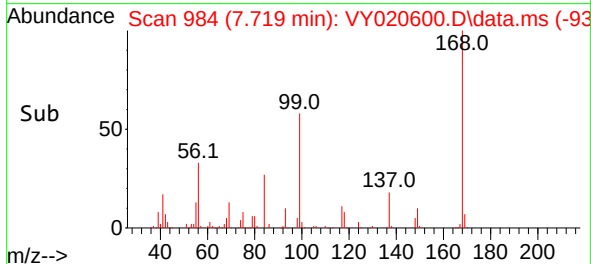
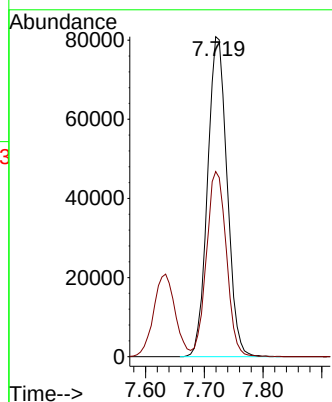
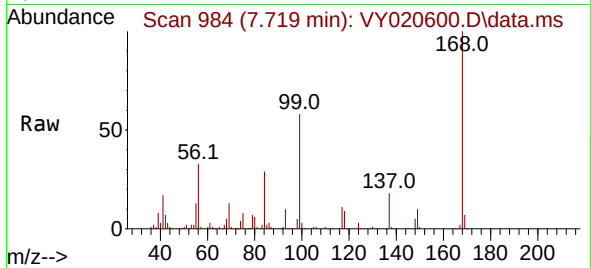
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

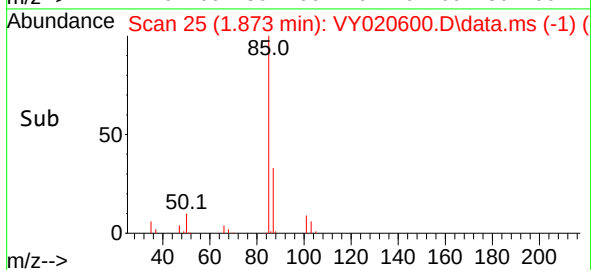
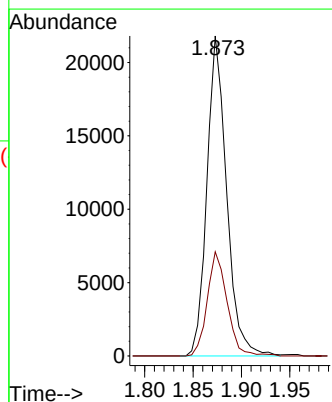
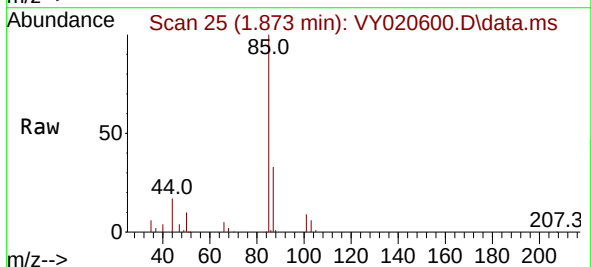
Instrument :
MSVOA_Y
ClientSampleId :

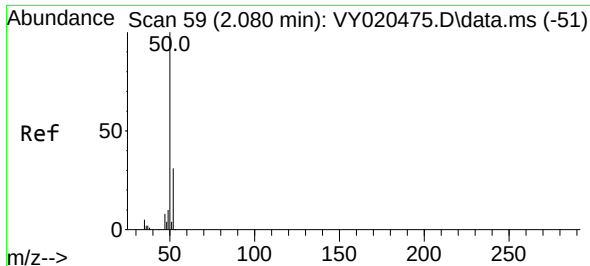
Tgt Ion:168 Resp: 186867
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 17.009 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 85 Resp: 31004
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

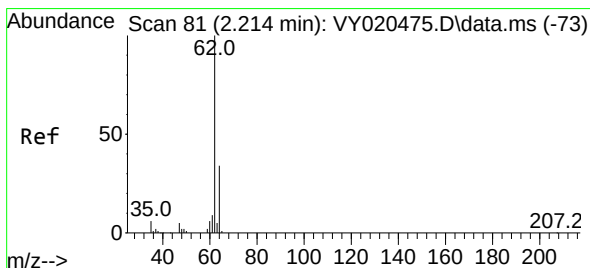
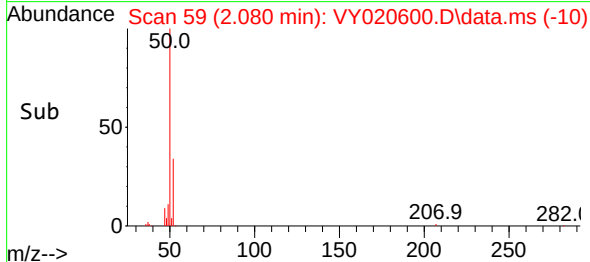
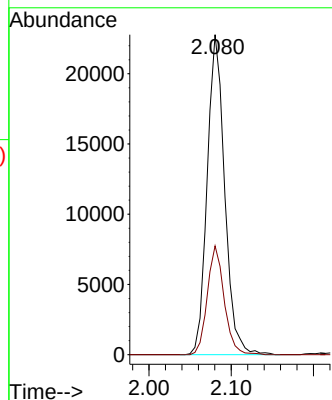
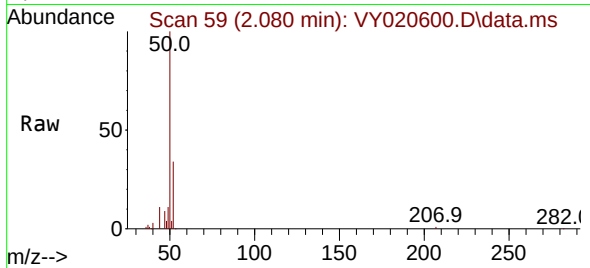




#3
Chloromethane
Concen: 18.239 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

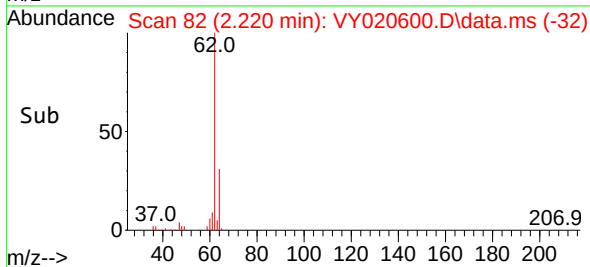
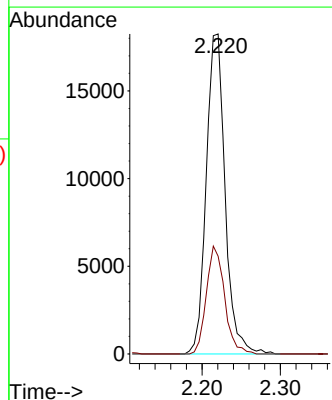
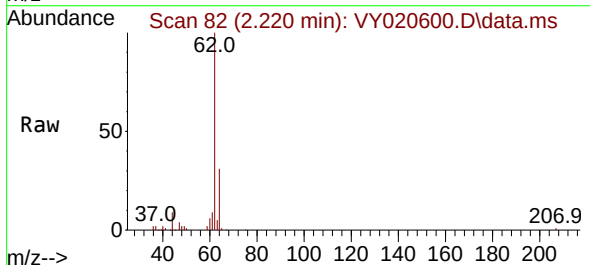
Instrument :
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ClientSampleId :

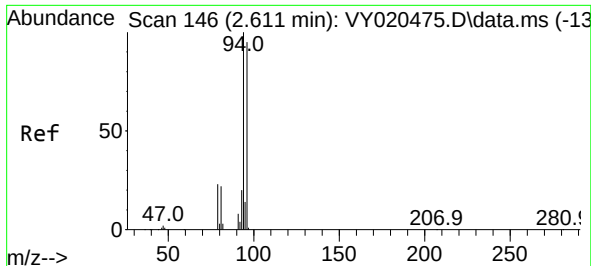
Tgt Ion: 50 Resp: 33661
Ion Ratio Lower Upper
50 100
52 34.0 26.9 40.3



#4
Vinyl Chloride
Concen: 16.213 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 62 Resp: 30509
Ion Ratio Lower Upper
62 100
64 30.5 24.7 37.1

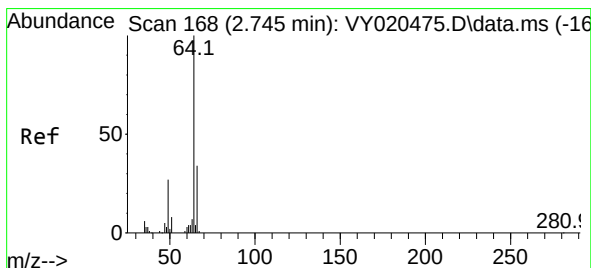
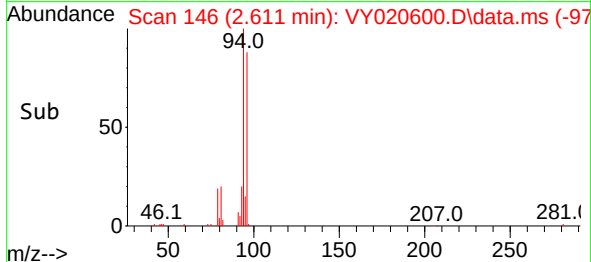
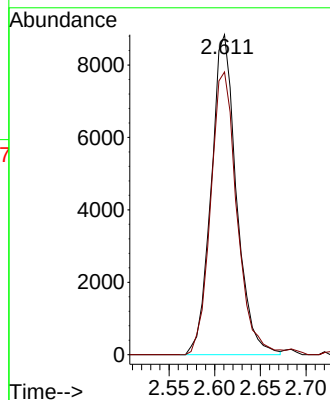
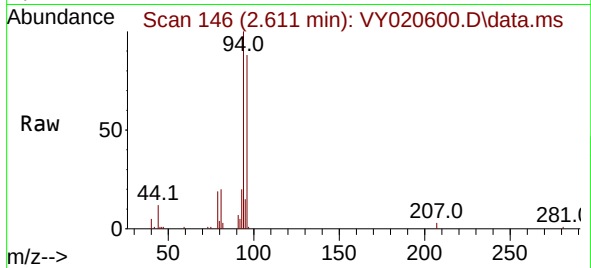




#5
Bromomethane
Concen: 15.378 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

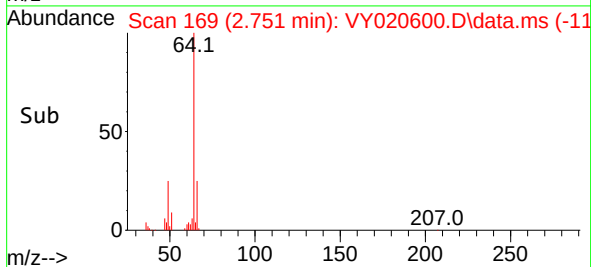
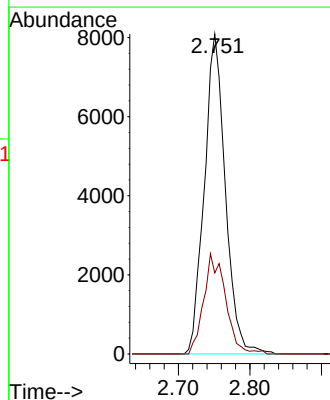
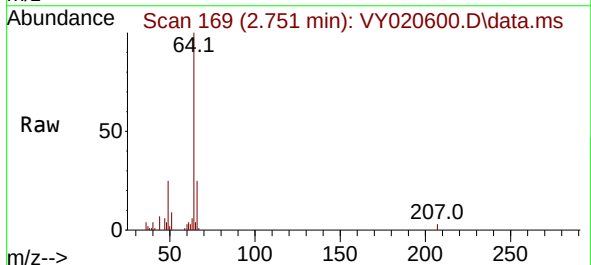
Instrument :
MSVOA_Y
ClientSampleId :

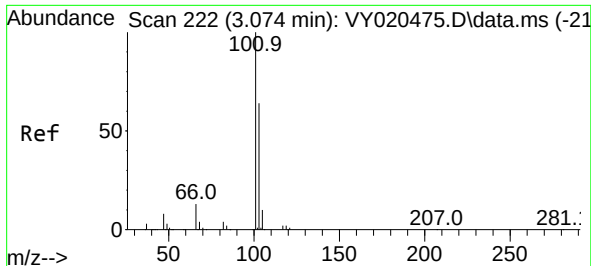
Tgt Ion: 94 Resp: 16978
Ion Ratio Lower Upper
94 100
96 88.4 75.4 113.2



#6
Chloroethane
Concen: 14.332 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 64 Resp: 16529
Ion Ratio Lower Upper
64 100
66 25.3 25.7 38.5#

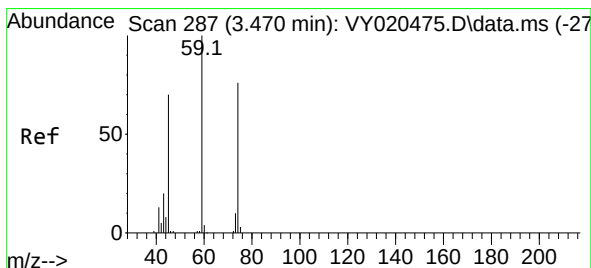
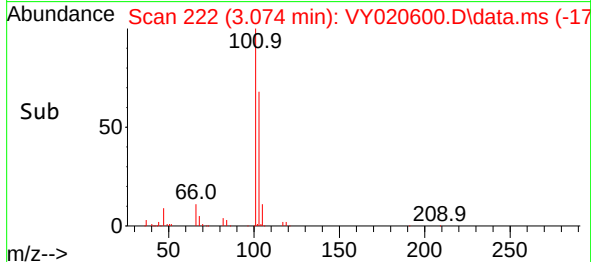
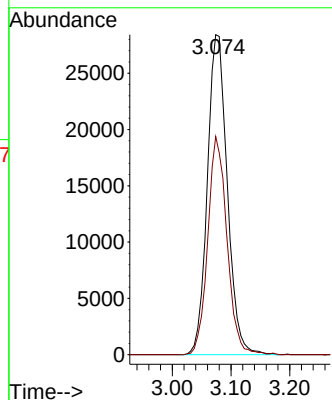
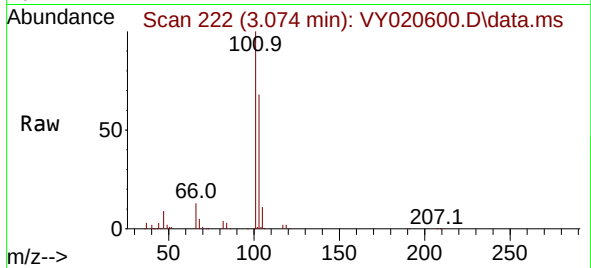




#7
Trichlorofluoromethane
Concen: 19.005 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

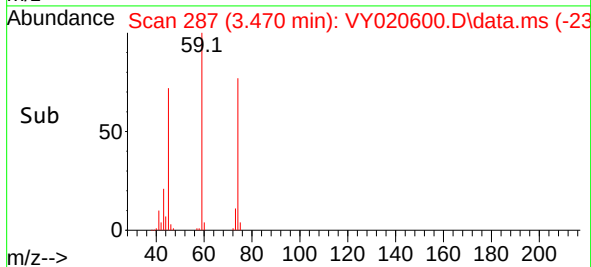
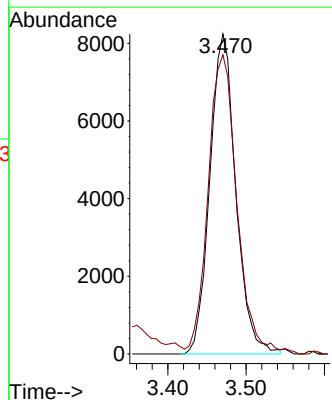
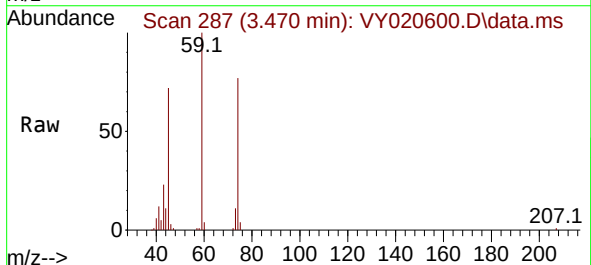
Instrument :
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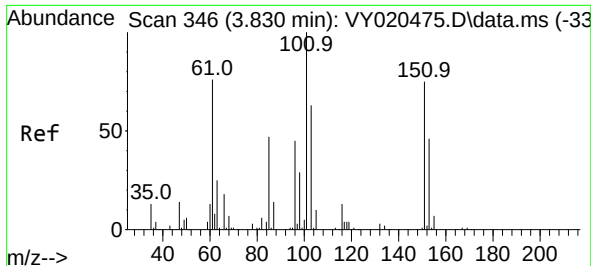
Tgt Ion:101 Resp: 66977
Ion Ratio Lower Upper
101 100
103 68.2 51.5 77.3



#8
Diethyl Ether
Concen: 18.992 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

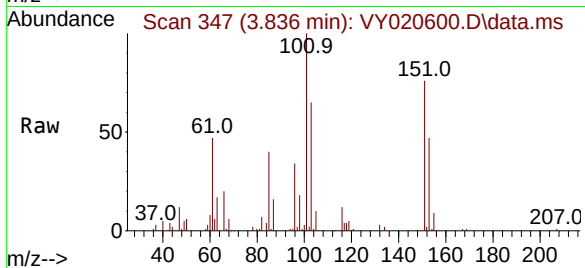
Tgt Ion: 74 Resp: 18964
Ion Ratio Lower Upper
74 100
45 103.6 53.6 160.8



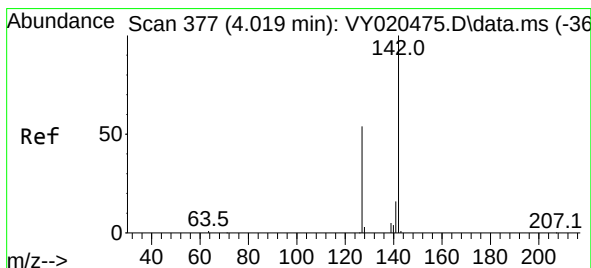
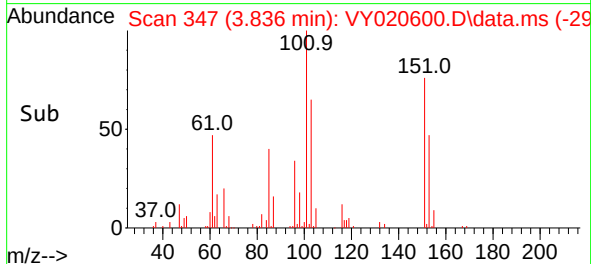
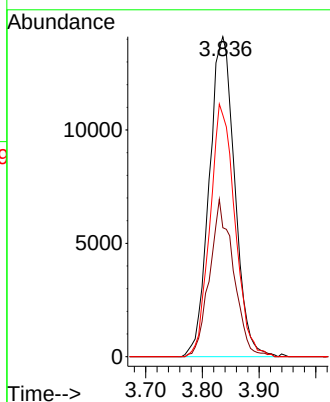


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.475 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020600.D
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Instrument :
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ClientSampleId :

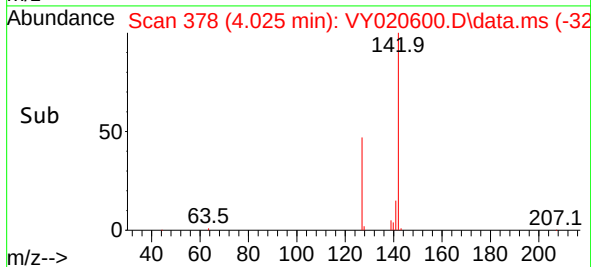
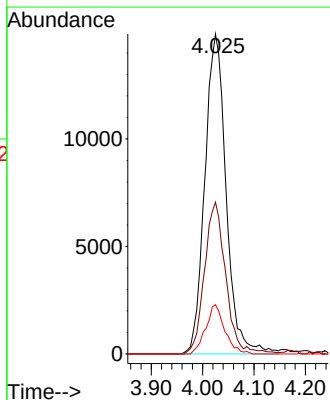
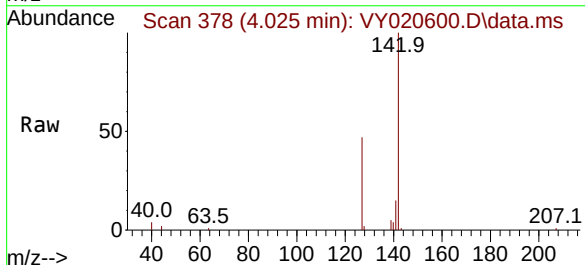


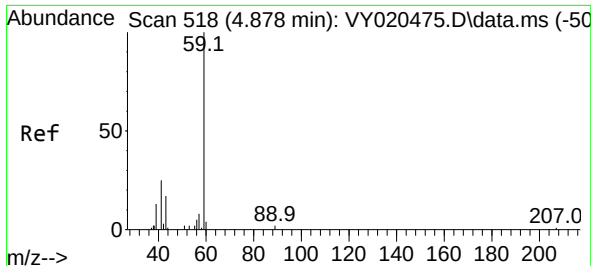
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Ion Ratio Lower Upper
101 100
85 46.0 38.0 57.0
151 77.2 59.6 89.4



#10
Methyl Iodide
Concen: 18.609 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:142 Resp: 42897
Ion Ratio Lower Upper
142 100
127 47.3 38.9 58.3
141 13.7 11.7 17.5

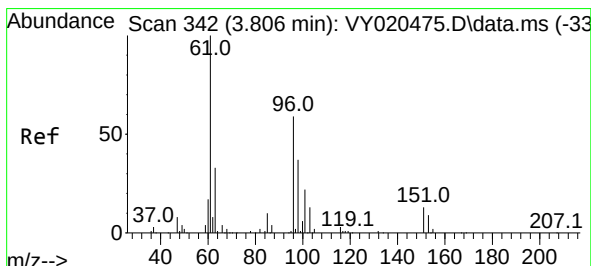
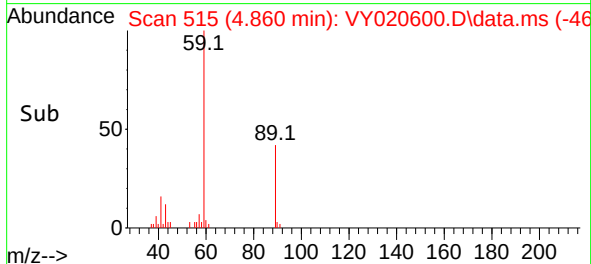
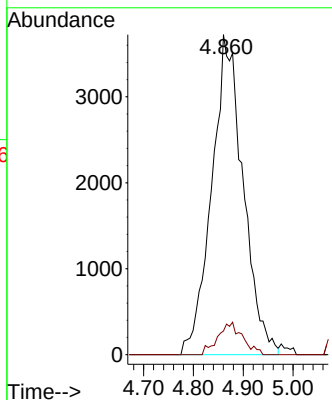
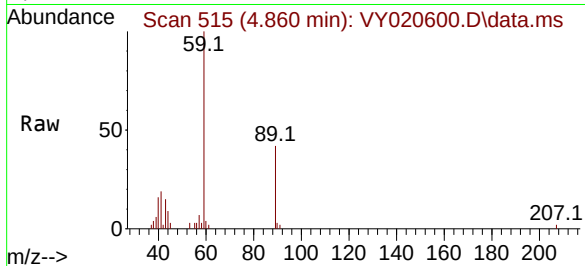




#11
Tert butyl alcohol
Concen: 131.917 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

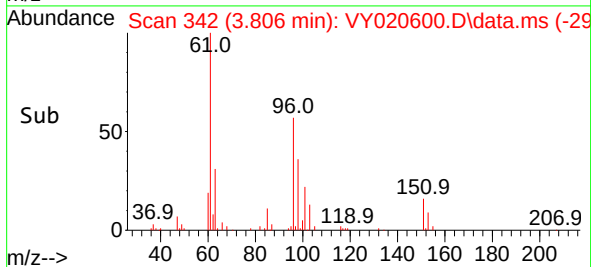
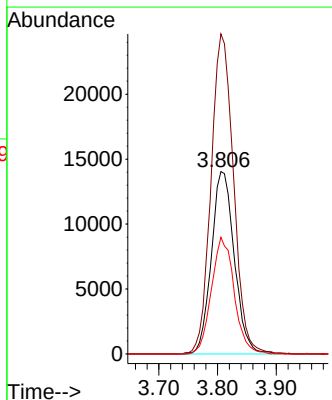
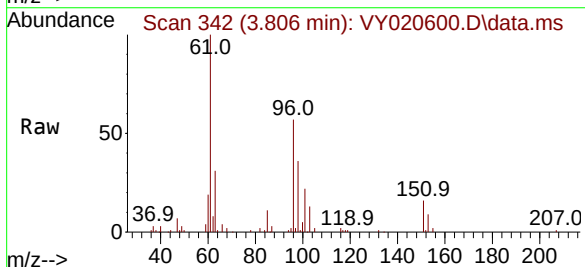
Instrument :
MSVOA_Y
ClientSampleId :

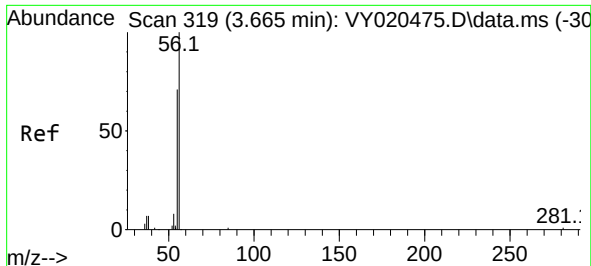
Tgt Ion: 59 Resp: 16263
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.664 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 96 Resp: 38145
Ion Ratio Lower Upper
96 100
61 175.4 143.3 214.9
98 64.0 49.8 74.8

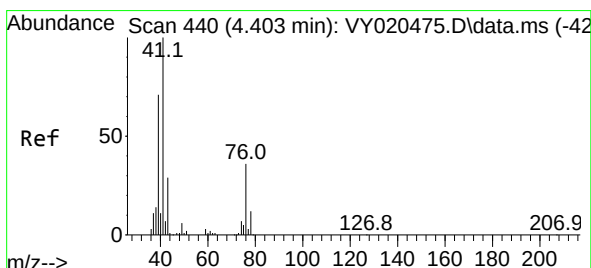
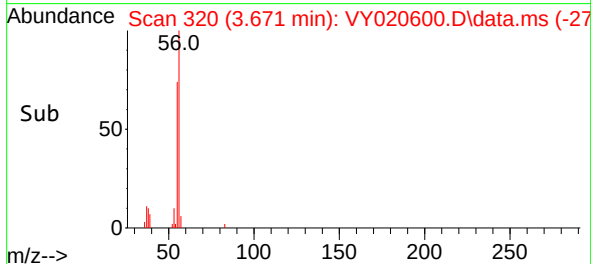
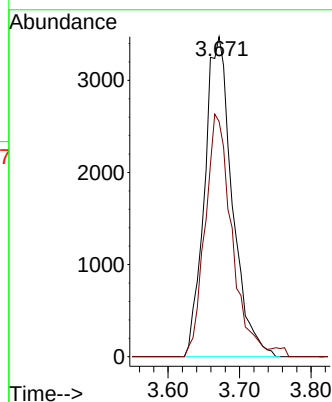
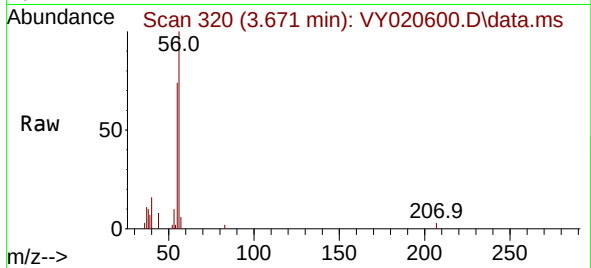




#13
Acrolein
Concen: 81.031 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

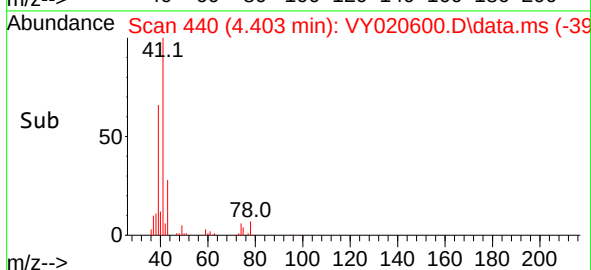
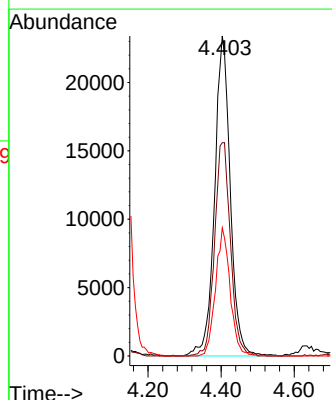
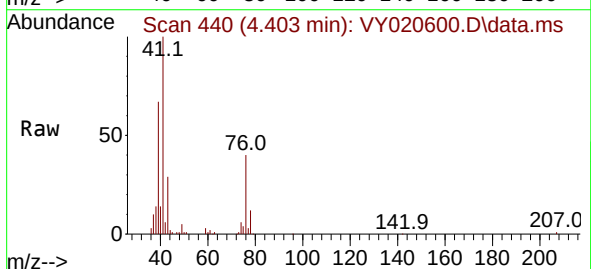
Instrument :
MSVOA_Y
ClientSampleId :

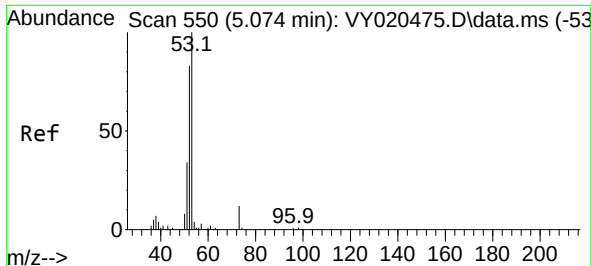
Tgt Ion: 56 Resp: 9353
Ion Ratio Lower Upper
56 100
55 73.2 57.7 86.5



#14
Allyl chloride
Concen: 20.161 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

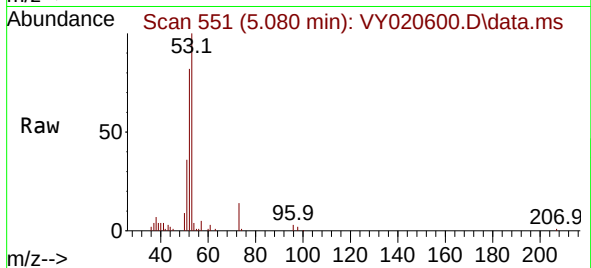
Tgt Ion: 41 Resp: 69751
Ion Ratio Lower Upper
41 100
39 67.5 58.8 88.2
76 37.1 29.7 44.5



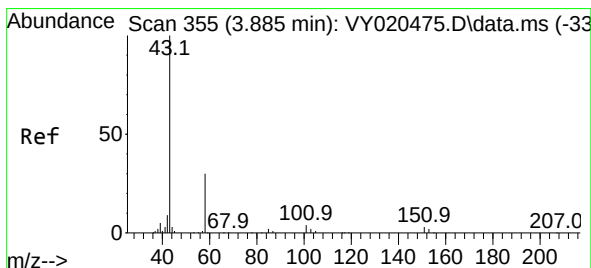
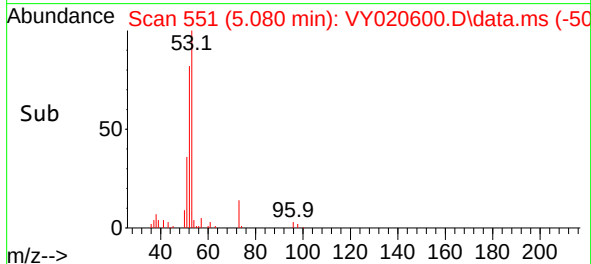
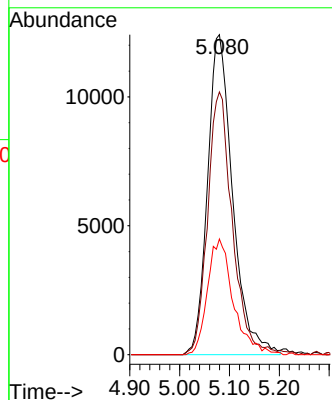


#15
Acrylonitrile
Concen: 104.248 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

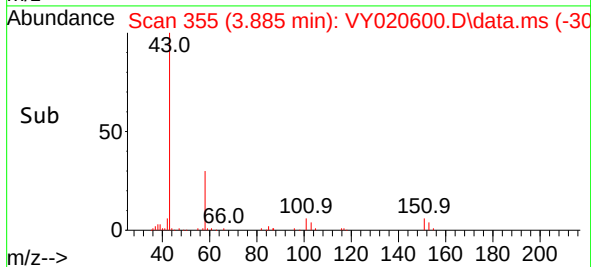
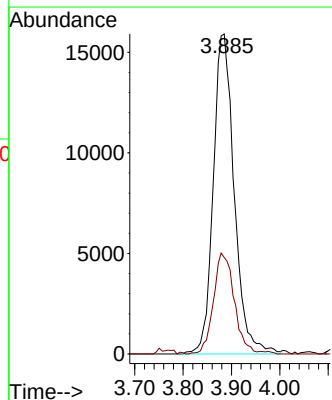
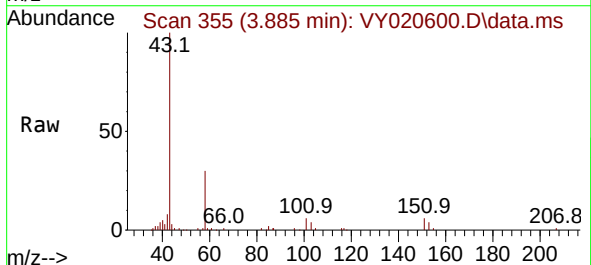


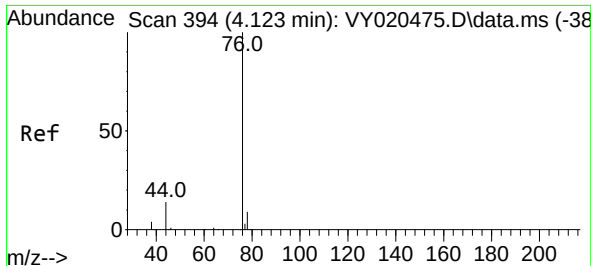
Tgt Ion: 53 Resp: 43373
Ion Ratio Lower Upper
53 100
52 81.1 65.2 97.8
51 37.3 30.2 45.4



#16
Acetone
Concen: 101.221 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 43 Resp: 47832
Ion Ratio Lower Upper
43 100
58 30.2 25.7 38.5

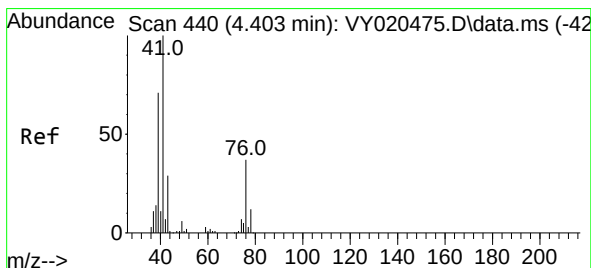
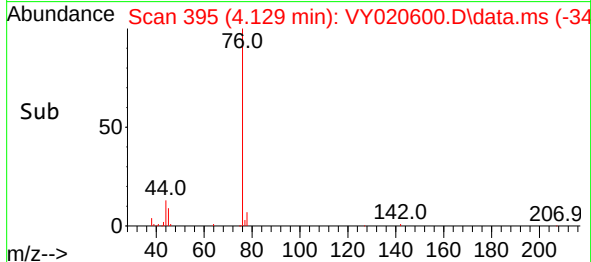
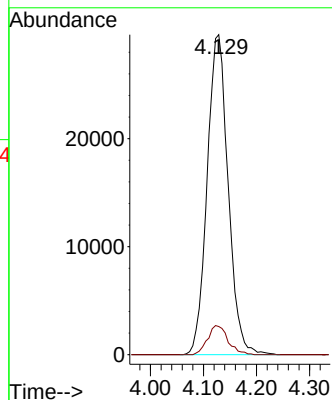
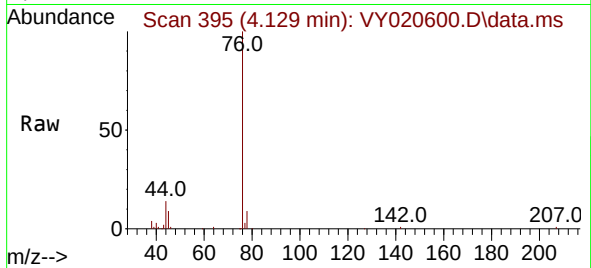




#17
Carbon Disulfide
Concen: 14.667 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

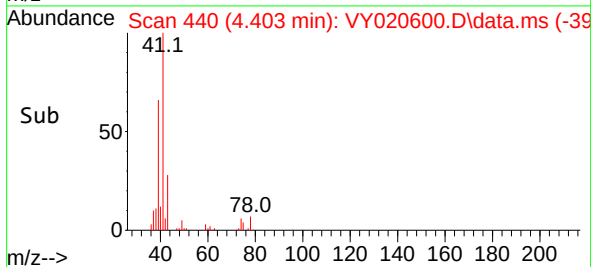
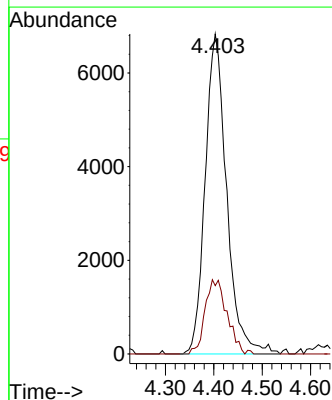
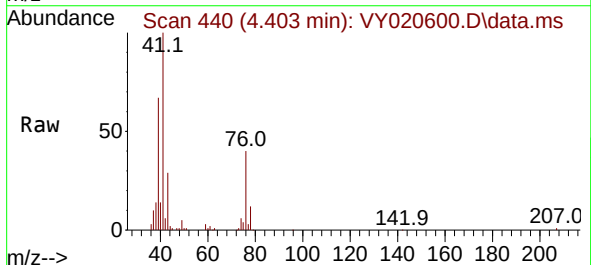
Instrument :
MSVOA_Y
ClientSampleId :

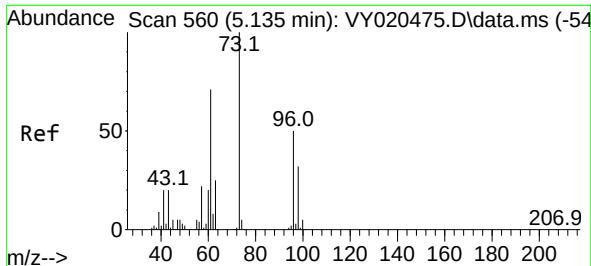
Tgt Ion: 76 Resp: 81430
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 20.990 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 43 Resp: 21082
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 19.844 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

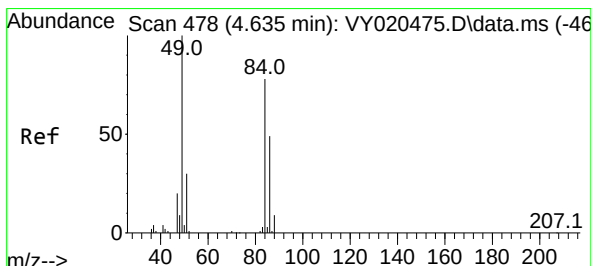
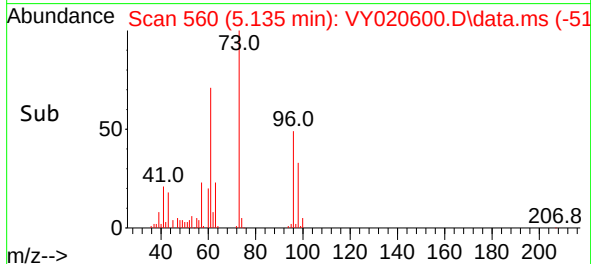
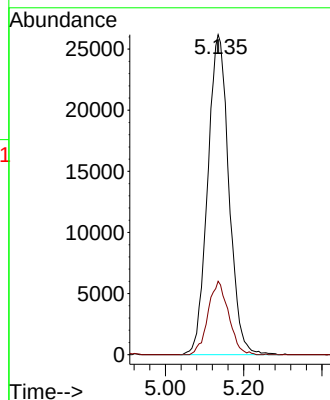
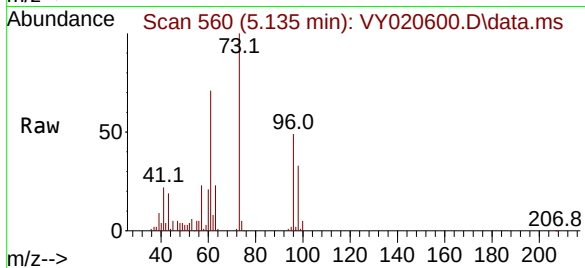
ClientSampleId :

Tgt Ion: 73 Resp: 98304

Ion Ratio Lower Upper

73 100

57 22.9 18.0 27.0



#20

Methylene Chloride

Concen: 21.405 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Tgt Ion: 84 Resp: 43028

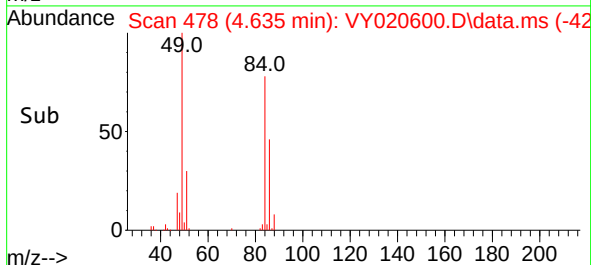
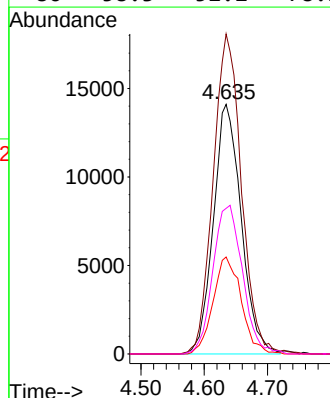
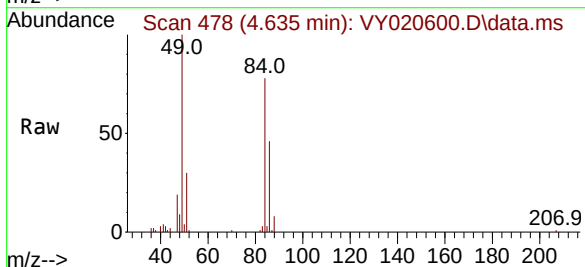
Ion Ratio Lower Upper

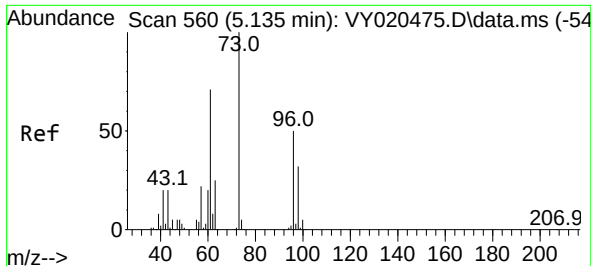
84 100

49 128.2 104.7 157.1

51 38.8 33.4 50.0

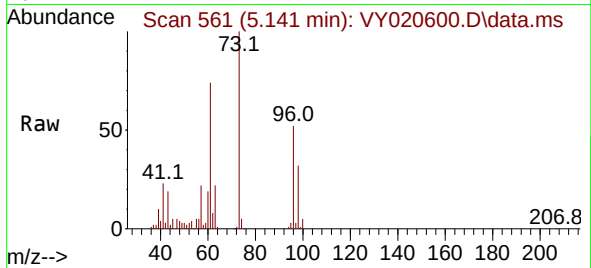
86 58.3 52.2 78.2



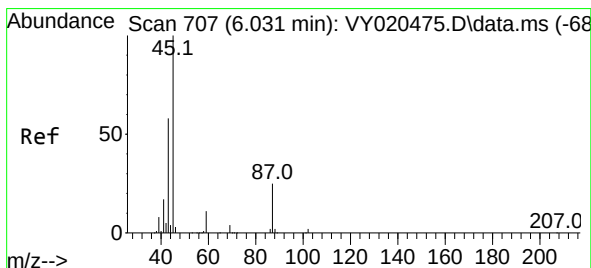
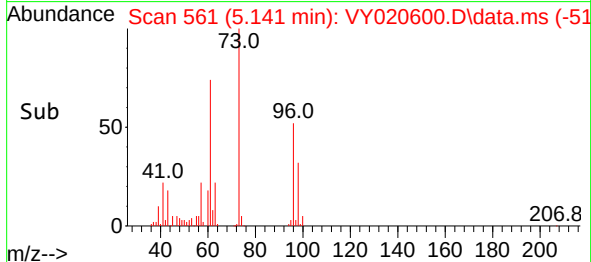
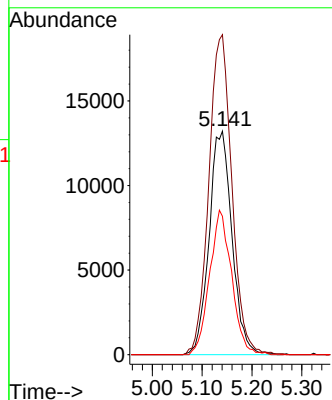


#21
trans-1,2-Dichloroethene
Concen: 19.583 ug/l
RT: 5.141 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

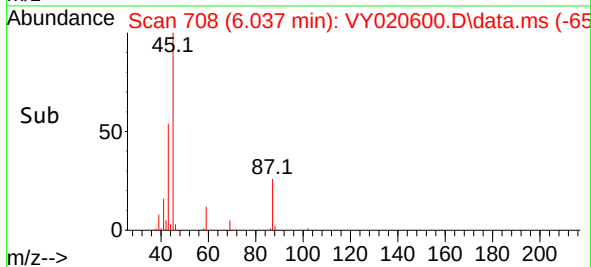
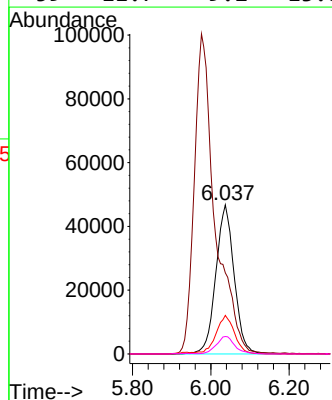
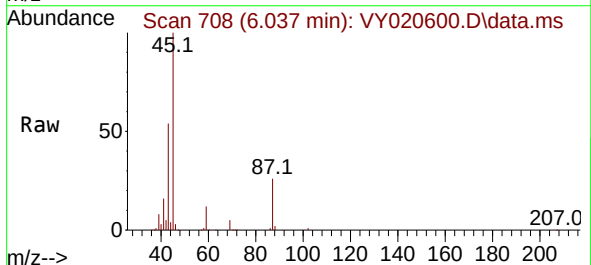


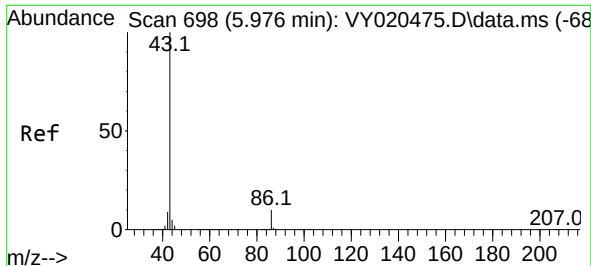
Tgt Ion: 96 Resp: 42194
Ion Ratio Lower Upper
96 100
61 143.2 111.6 167.4
98 61.9 46.7 70.1



#22
Diisopropyl ether
Concen: 22.125 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 45 Resp: 152216
Ion Ratio Lower Upper
45 100
43 54.0 44.8 67.2
87 25.8 20.6 30.8
59 11.7 9.2 13.8

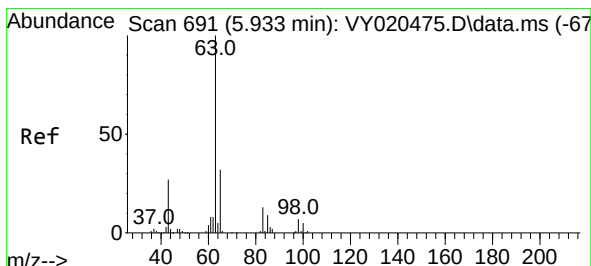
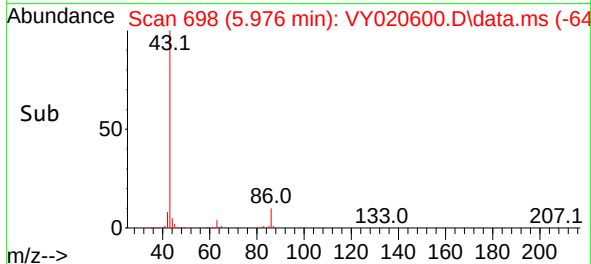
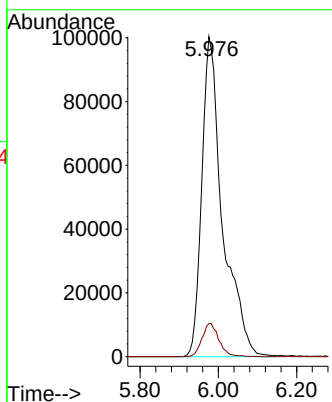
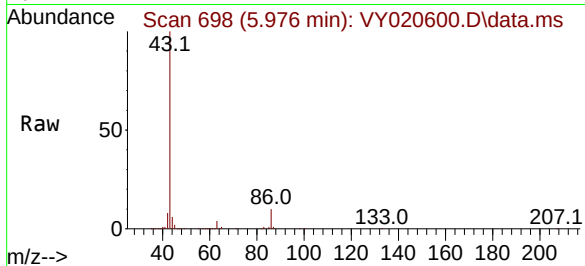




#23
 Vinyl Acetate
 Concen: 101.656 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020600.D
 Acq: 13 Dec 2024 11:24

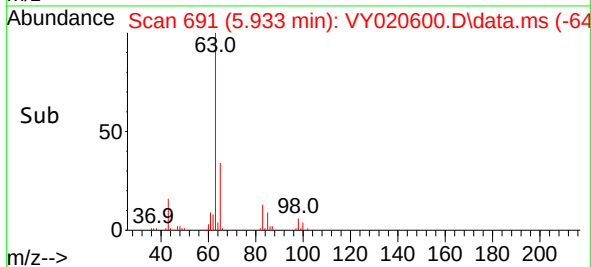
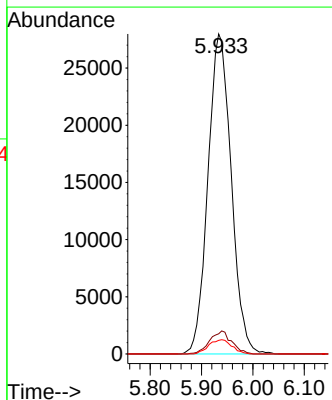
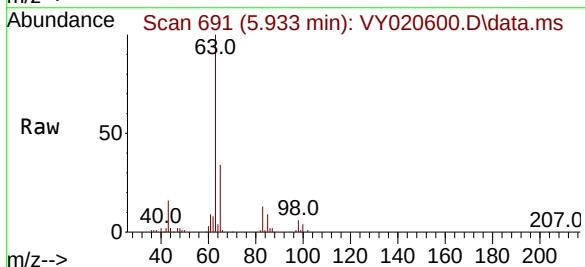
Instrument :
 MSVOA_Y
 ClientSampleId :

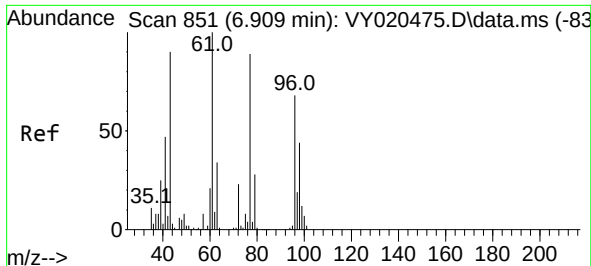
Tgt Ion: 43 Resp: 369917
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 21.264 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020600.D
 Acq: 13 Dec 2024 11:24

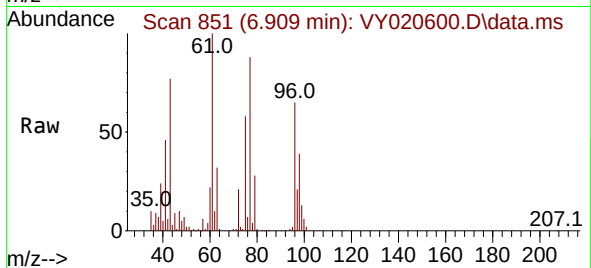
Tgt Ion: 63 Resp: 88071
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.3 2.0 5.8



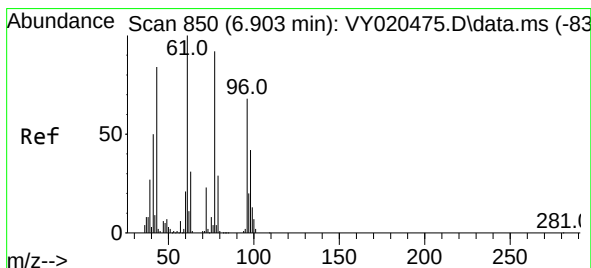
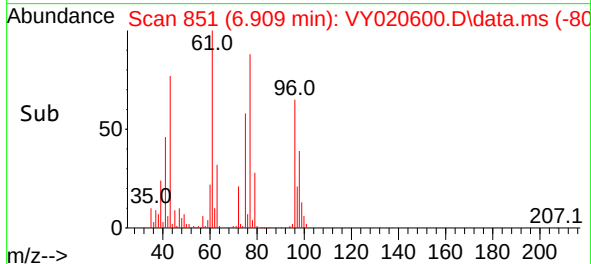
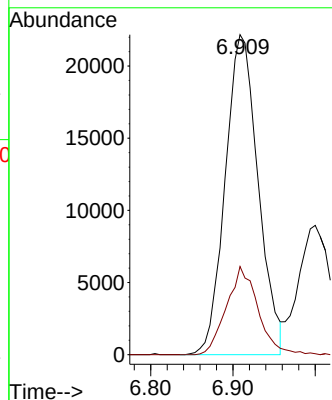


#25
2-Butanone
Concen: 103.580 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

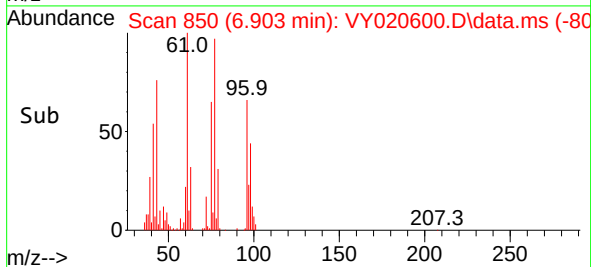
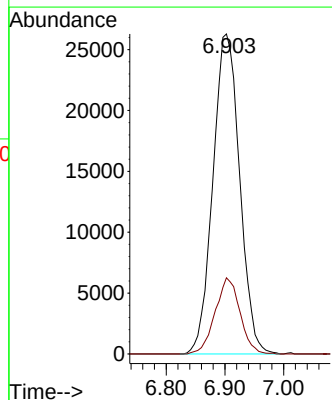
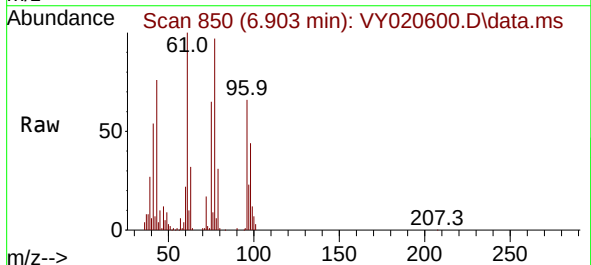


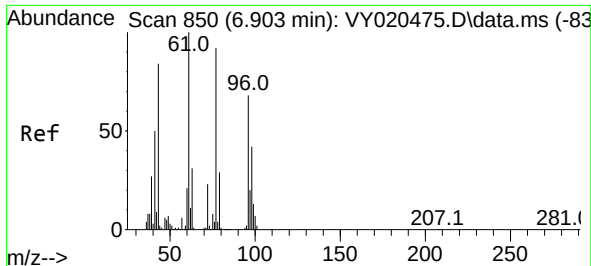
Tgt Ion: 43 Resp: 61807
Ion Ratio Lower Upper
43 100
72 27.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 21.242 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 77 Resp: 83215
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 20.827 ug/l

RT: 6.909 min Scan# 850

Delta R.T. 0.006 min

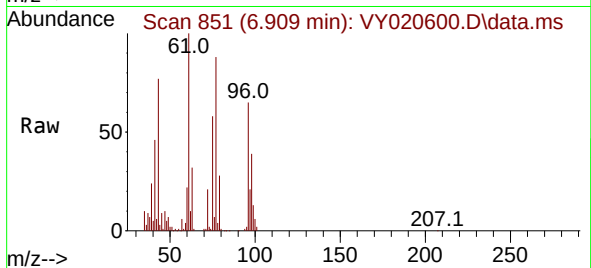
Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :



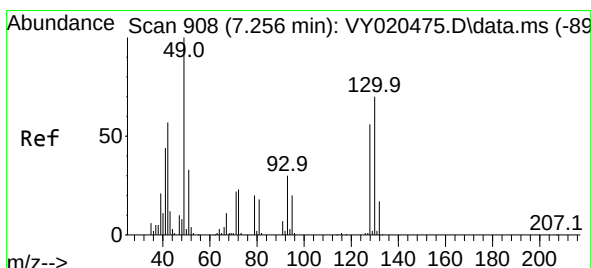
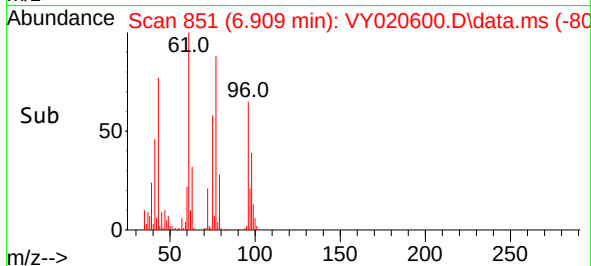
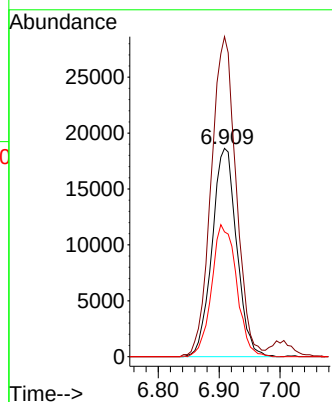
Tgt Ion: 96 Resp: 52397

Ion Ratio Lower Upper

96 100

61 155.6 0.0 312.4

98 64.1 0.0 126.8



#28

Bromochloromethane

Concen: 17.845 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

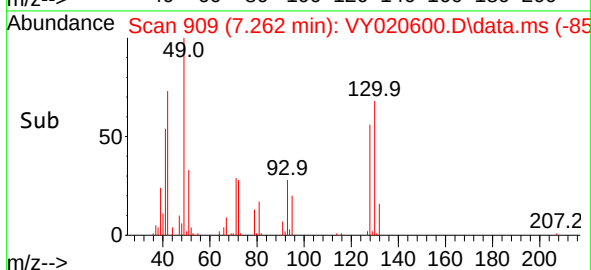
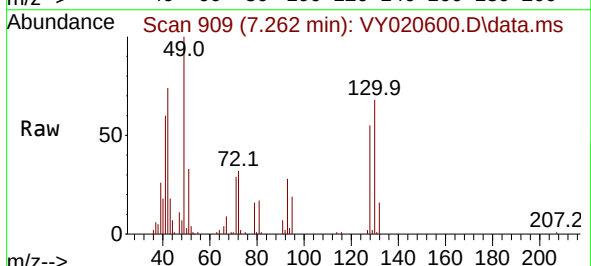
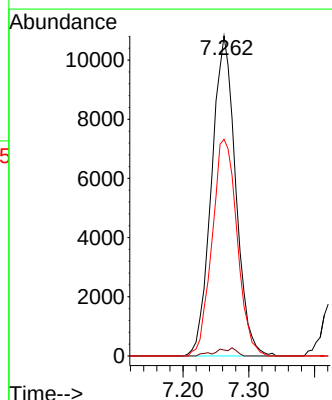
Tgt Ion: 49 Resp: 27601

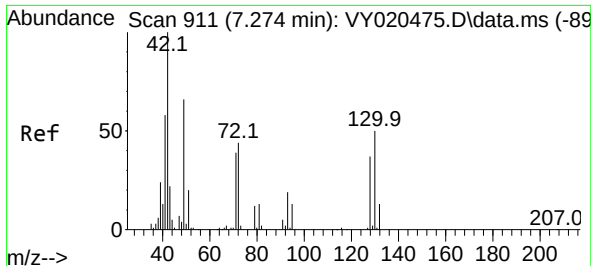
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 70.4 55.0 82.6





#29

Tetrahydrofuran

Concen: 98.965 ug/l

RT: 7.281 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

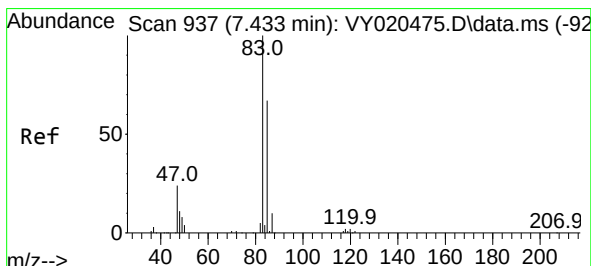
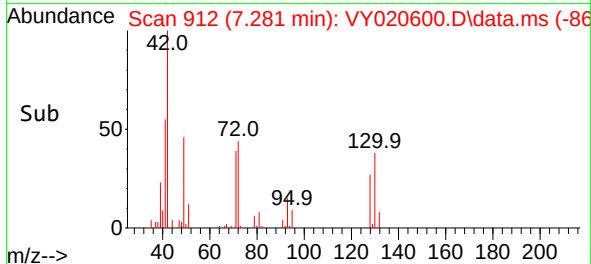
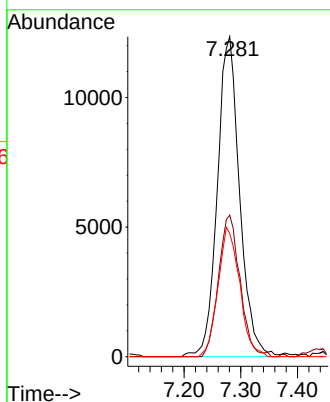
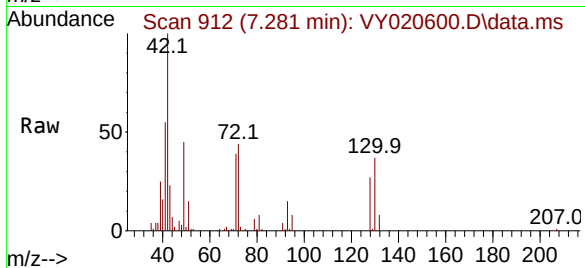
Tgt Ion: 42 Resp: 33689

Ion Ratio Lower Upper

42 100

72 42.7 33.4 50.0

71 39.2 31.9 47.9



#30

Chloroform

Concen: 21.211 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.006 min

Lab File: VY020600.D

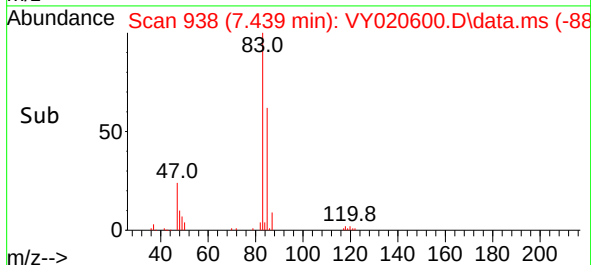
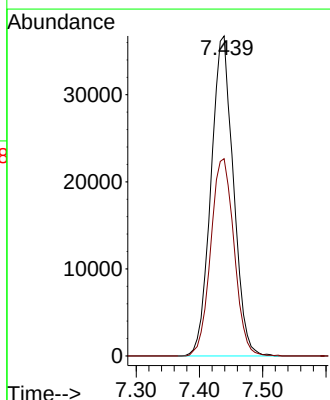
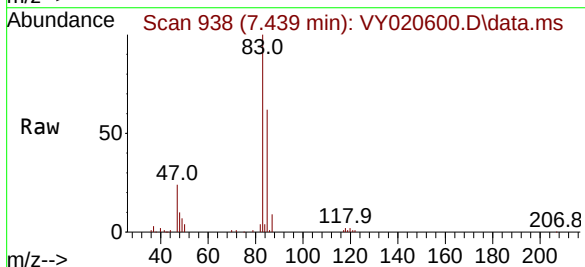
Acq: 13 Dec 2024 11:24

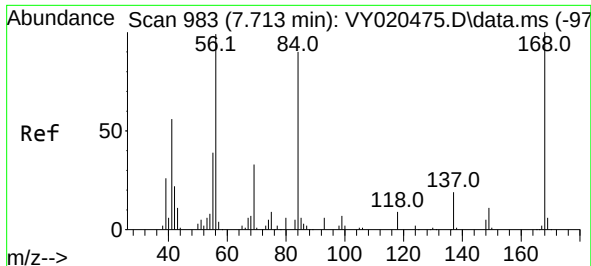
Tgt Ion: 83 Resp: 90163

Ion Ratio Lower Upper

83 100

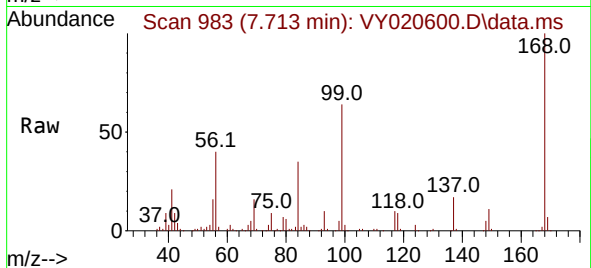
85 61.7 50.3 75.5



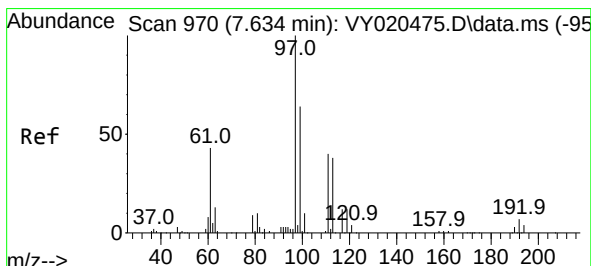
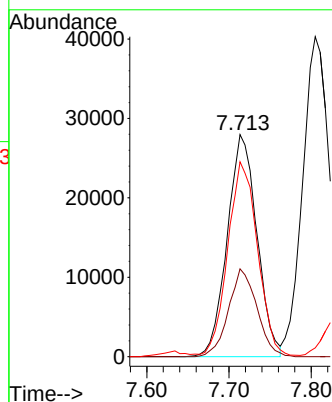
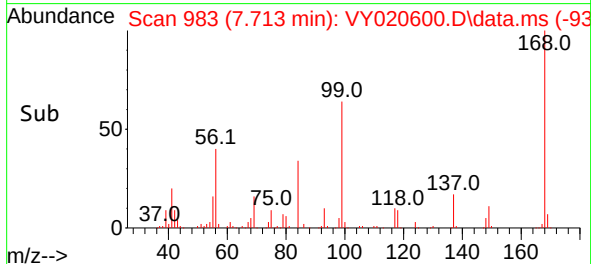


#31
Cyclohexane
Concen: 18.736 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :

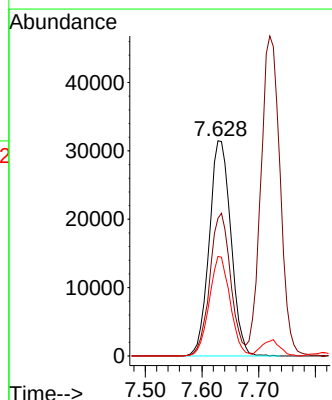
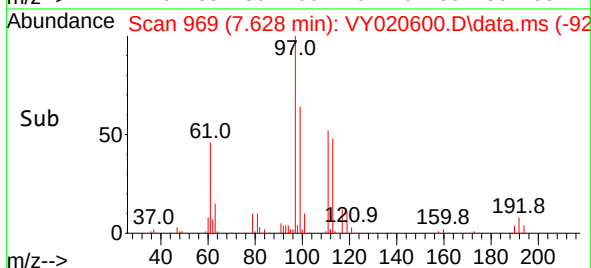
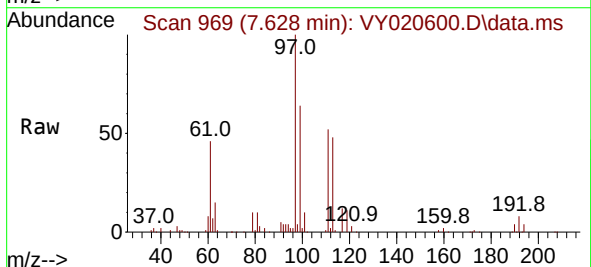


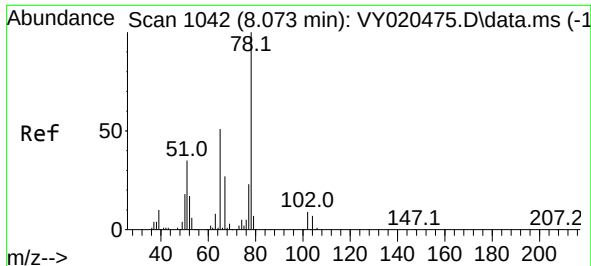
Tgt Ion: 56 Resp: 70157
Ion Ratio Lower Upper
56 100
69 39.6 25.3 37.9#
84 86.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.370 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 97 Resp: 83379
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 44.8 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 42.497 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

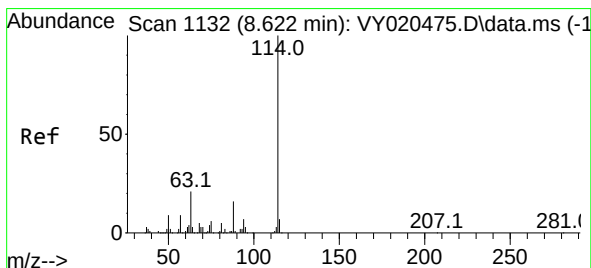
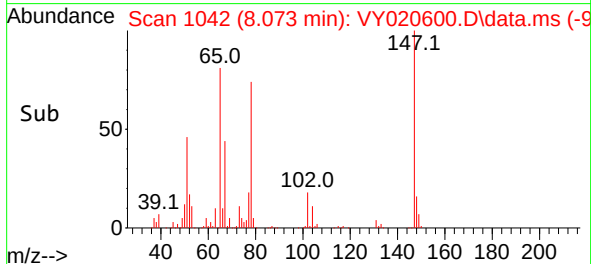
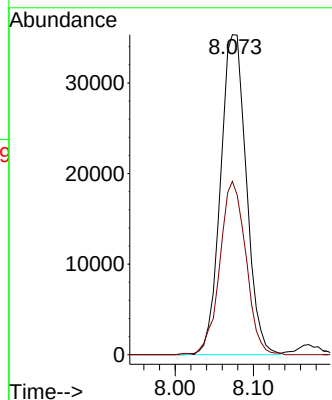
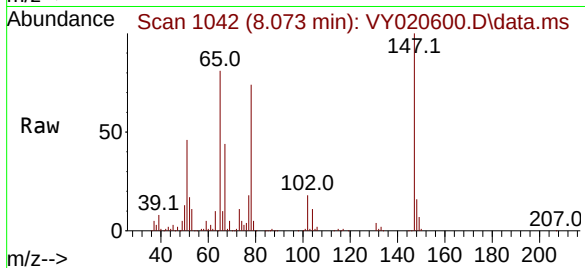
ClientSampleId :

Tgt Ion: 65 Resp: 80765

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

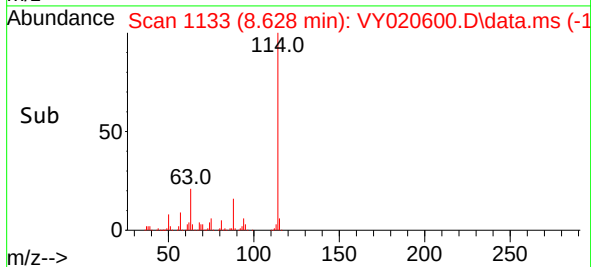
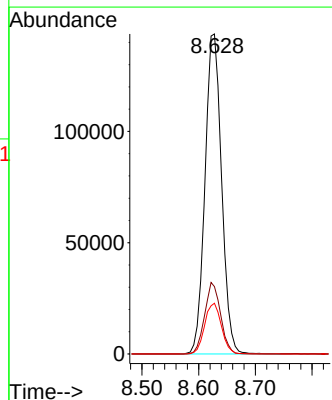
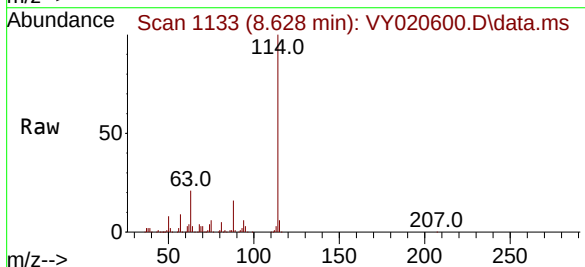
Tgt Ion: 114 Resp: 291642

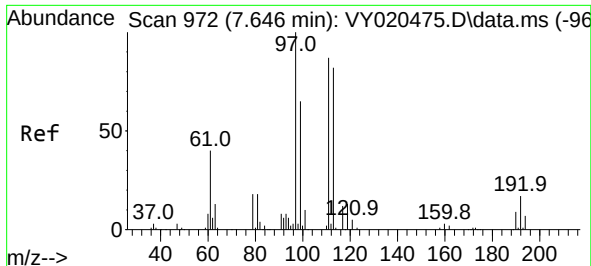
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.8

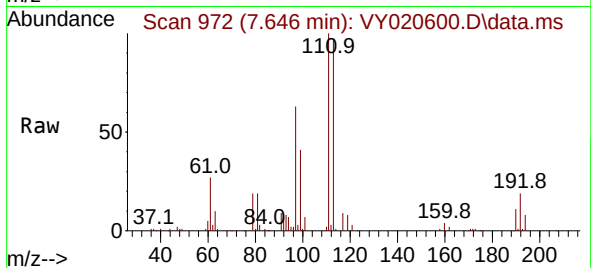
88 15.9 0.0 32.0



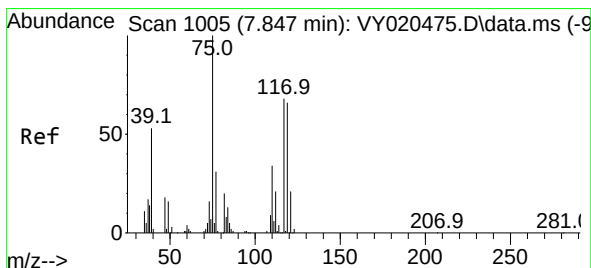
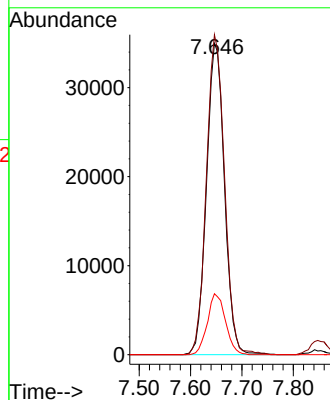
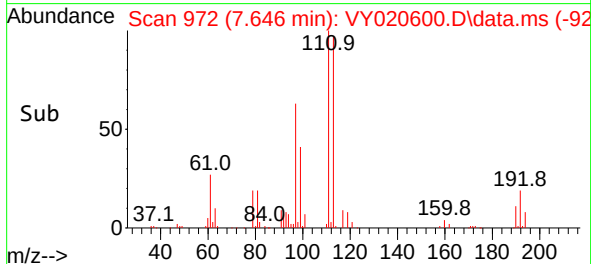


#35
Dibromofluoromethane
Concen: 46.201 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

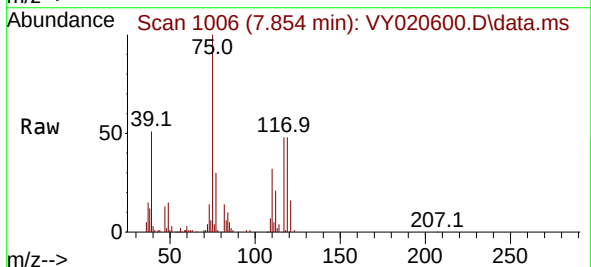
Instrument :
MSVOA_Y
ClientSampleId :



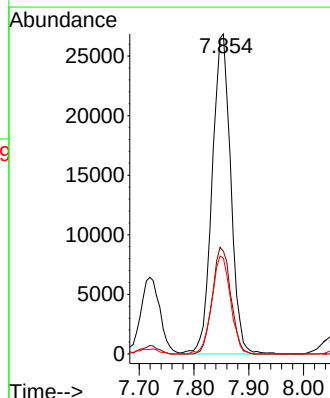
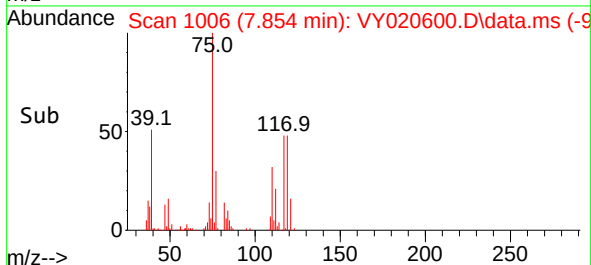
Tgt Ion:113 Resp: 84826
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 19.7 15.1 22.7

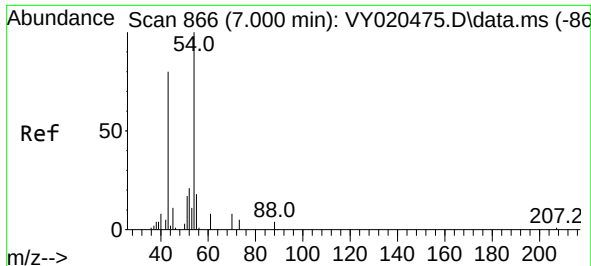


#36
1,1-Dichloropropene
Concen: 20.344 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24



Tgt Ion: 75 Resp: 63076
Ion Ratio Lower Upper
75 100
110 33.1 16.7 50.0
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 20.916 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

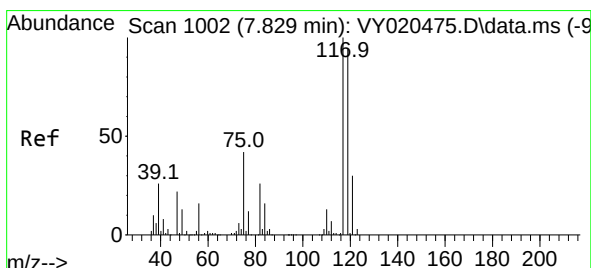
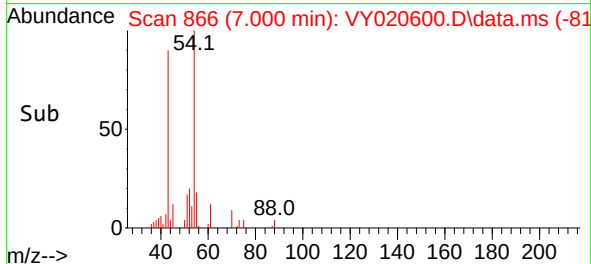
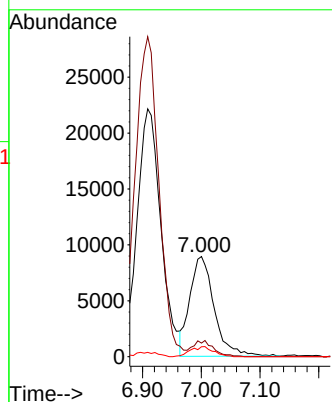
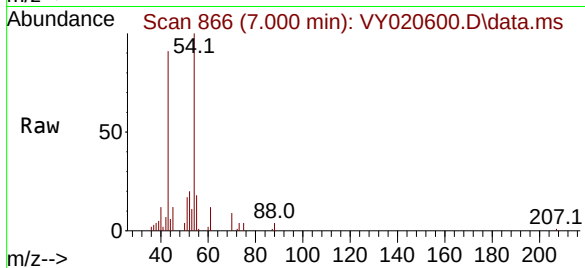
Tgt Ion: 43 Resp: 25692

Ion Ratio Lower Upper

43 100

61 13.6 10.7 16.1

70 9.5 7.3 10.9



#38

Carbon Tetrachloride

Concen: 20.137 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

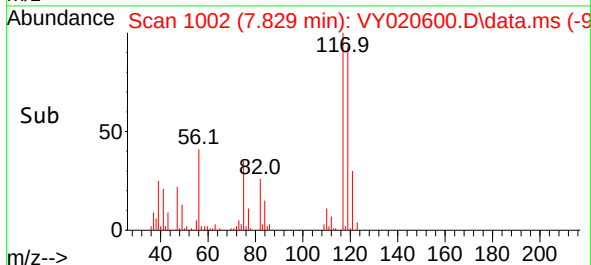
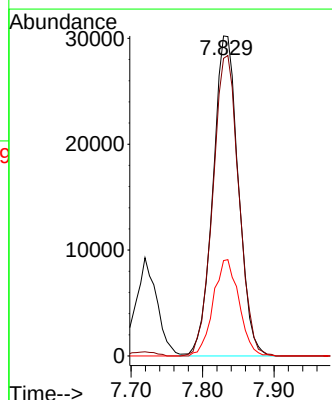
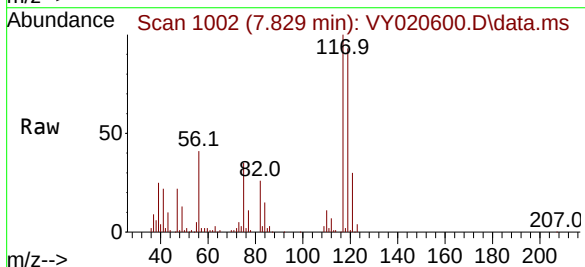
Tgt Ion: 117 Resp: 74517

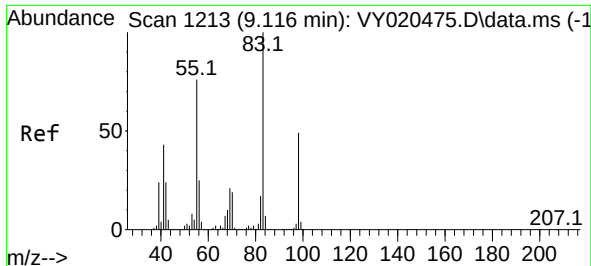
Ion Ratio Lower Upper

117 100

119 93.0 77.8 116.6

121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 19.405 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

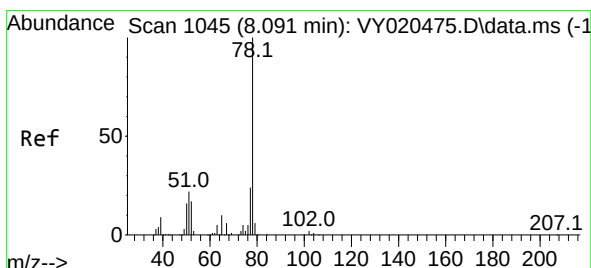
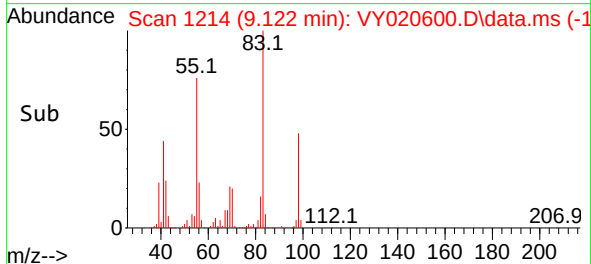
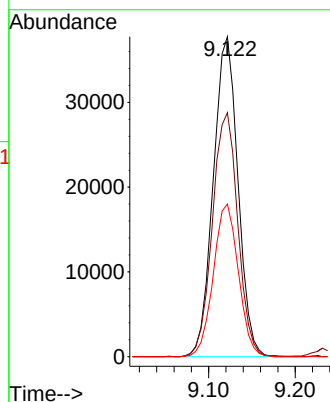
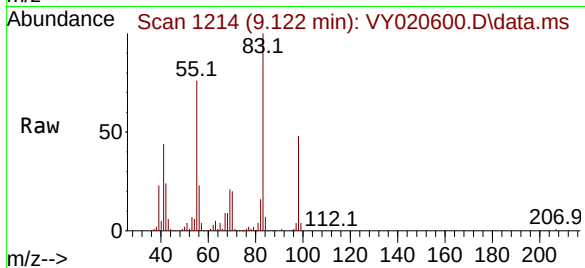
Tgt Ion: 83 Resp: 74657

Ion Ratio Lower Upper

83 100

55 76.3 62.6 93.8

98 47.7 37.0 55.4



#40

Benzene

Concen: 20.480 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020600.D

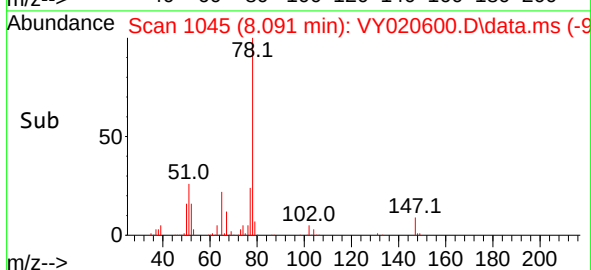
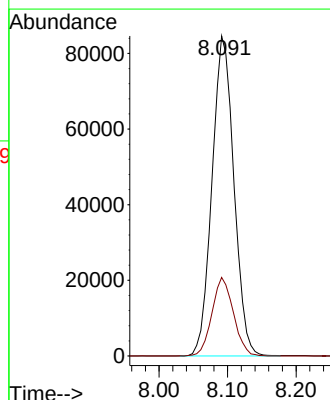
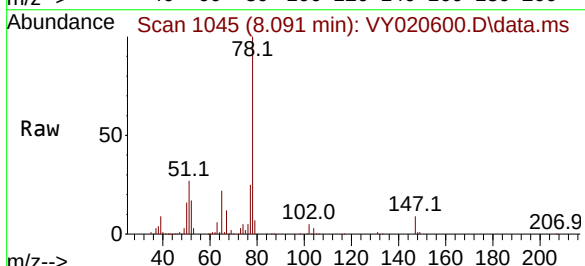
Acq: 13 Dec 2024 11:24

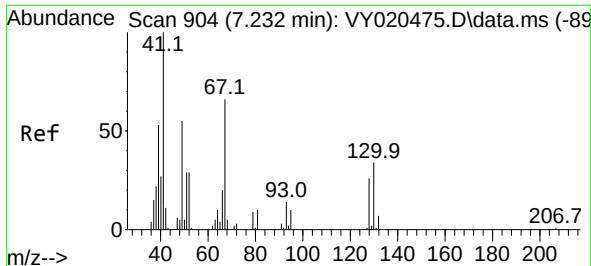
Tgt Ion: 78 Resp: 187221

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

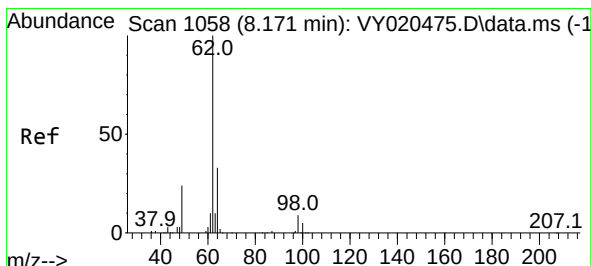
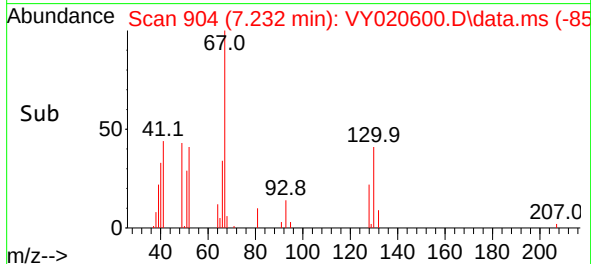
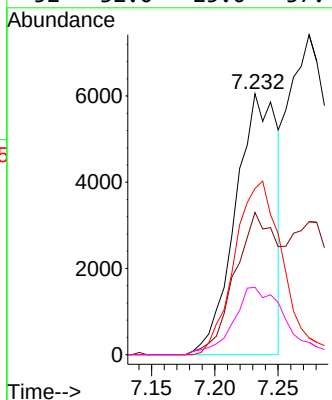
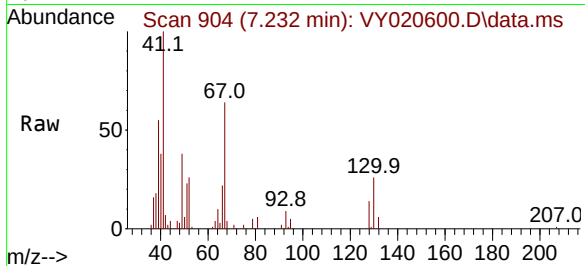




#41
Methacrylonitrile
Concen: 19.864 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

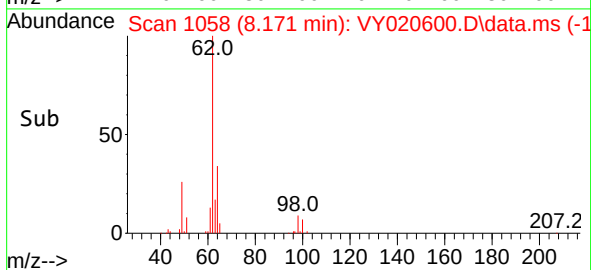
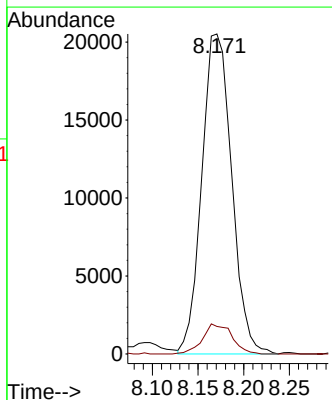
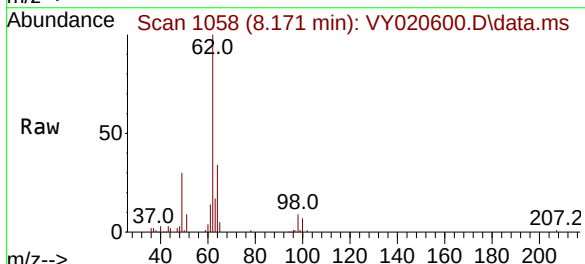
Instrument :
MSVOA_Y
ClientSampleId :

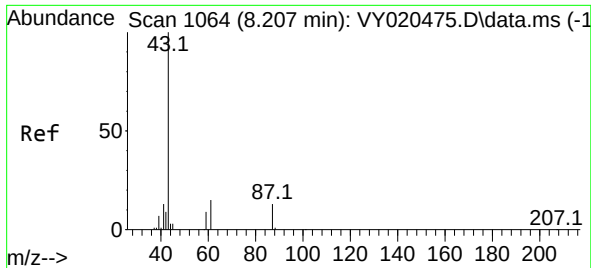
Tgt Ion:	41	Resp:	13871
Ion	Ratio	Lower	Upper
41	100		
39	53.3	49.0	73.4
67	77.5	57.1	85.7
52	32.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.440 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:	62	Resp:	46696
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

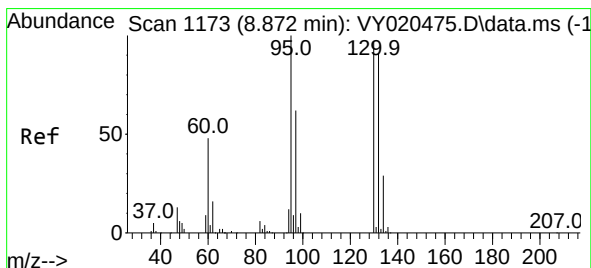
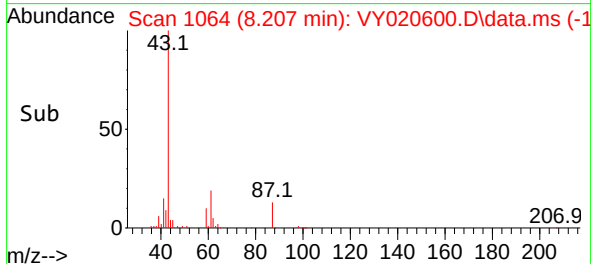
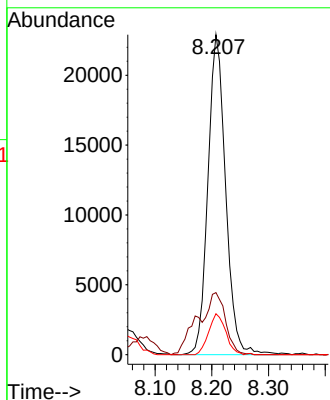
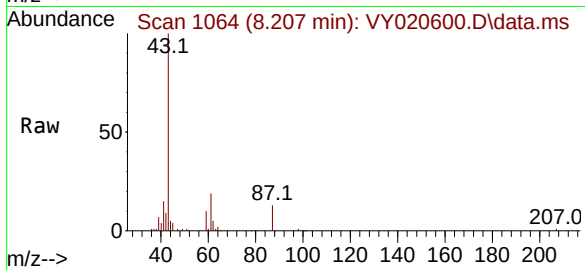




#43
Isopropyl Acetate
Concen: 20.019 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

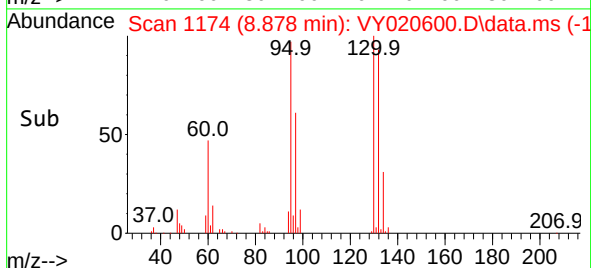
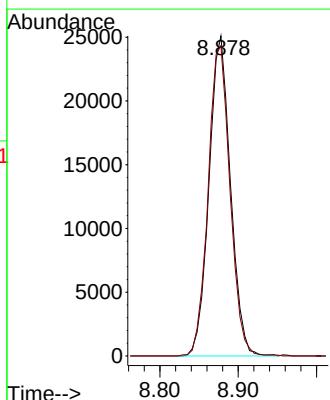
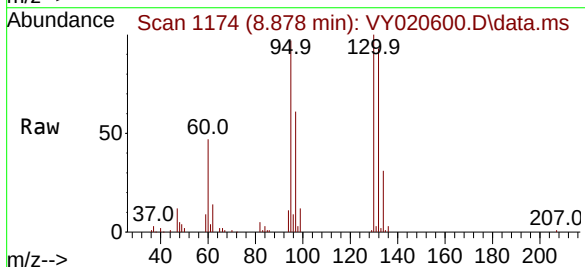
Instrument :
MSVOA_Y
ClientSampleId :

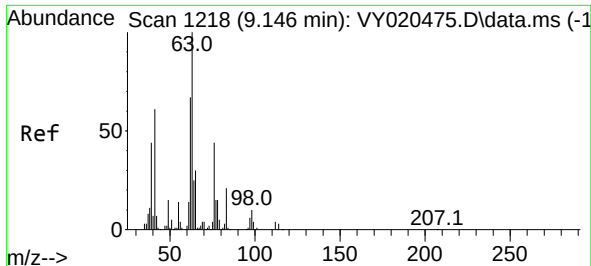
Tgt Ion: 43 Resp: 49654
Ion Ratio Lower Upper
43 100
61 19.9 22.8 34.2#
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 21.186 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:130 Resp: 47744
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.698 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

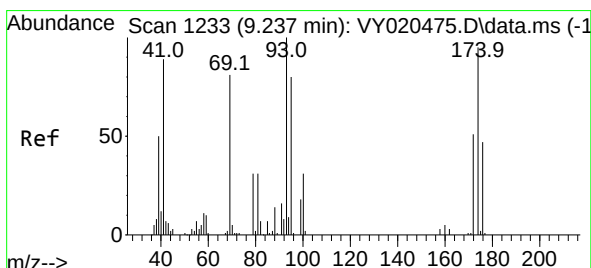
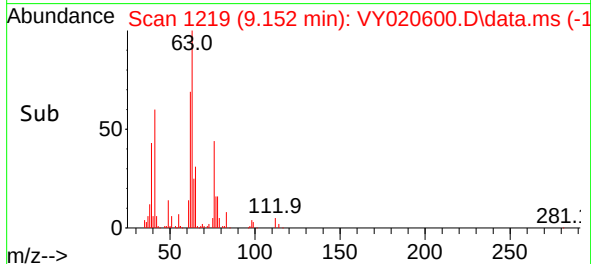
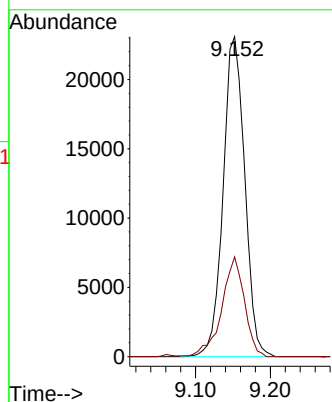
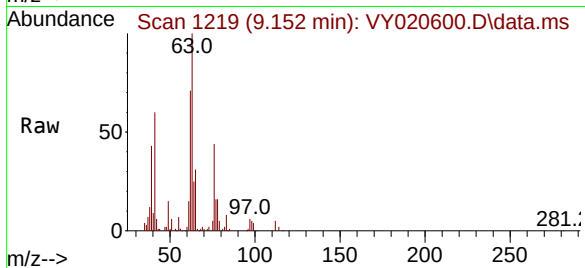
ClientSampleId :

Tgt Ion: 63 Resp: 46417

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 20.188 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

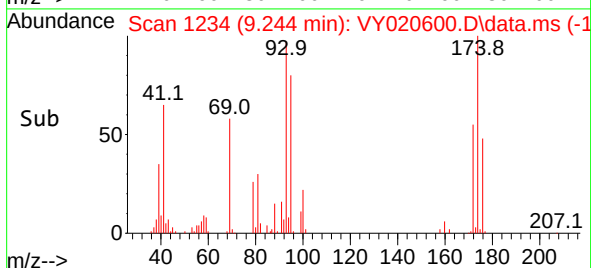
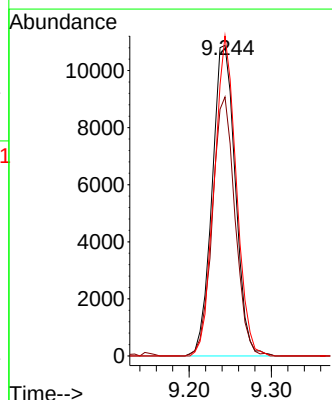
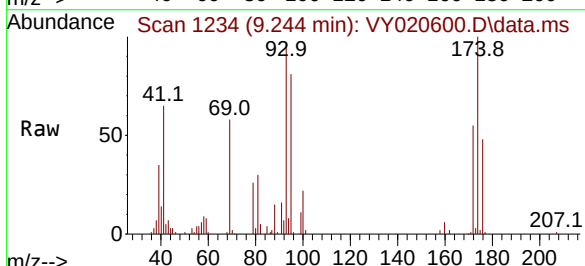
Tgt Ion: 93 Resp: 21382

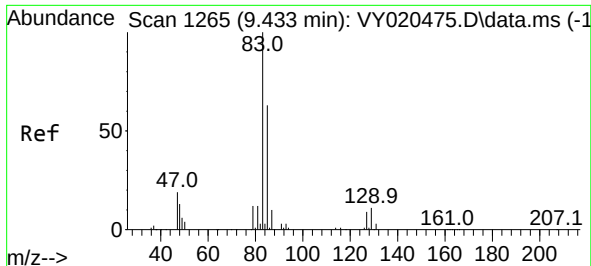
Ion Ratio Lower Upper

93 100

95 81.3 65.3 97.9

174 97.6 74.4 111.6

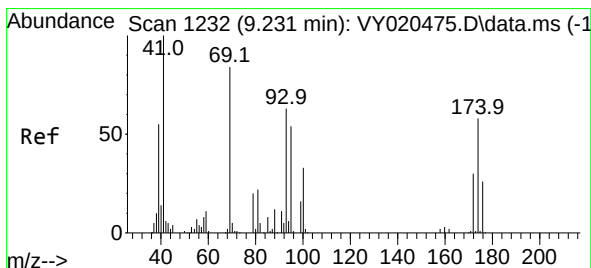
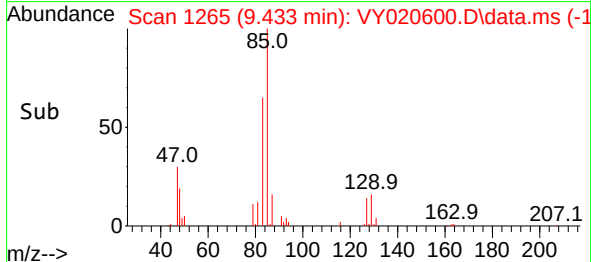
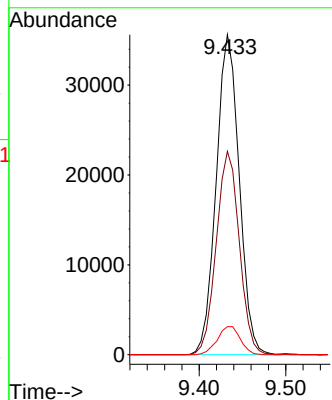
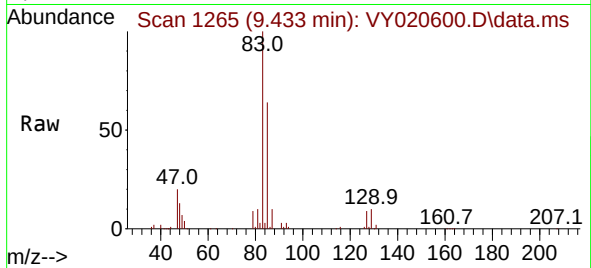




#47
Bromodichloromethane
Concen: 21.080 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

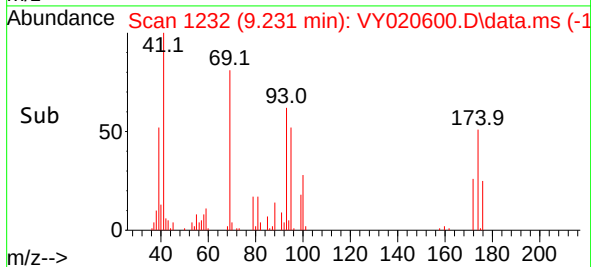
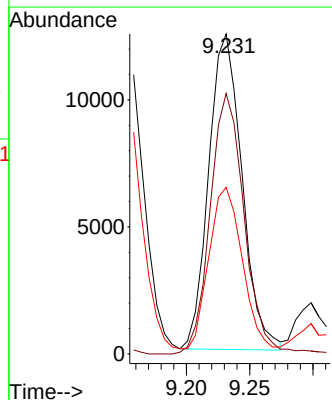
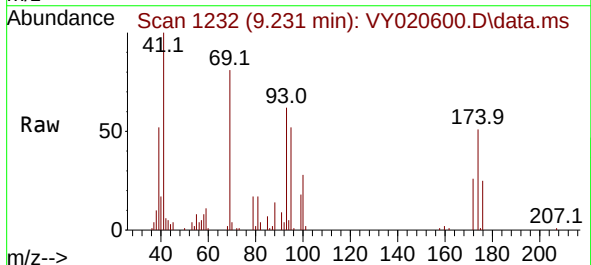
Instrument :
MSVOA_Y
ClientSampleId :

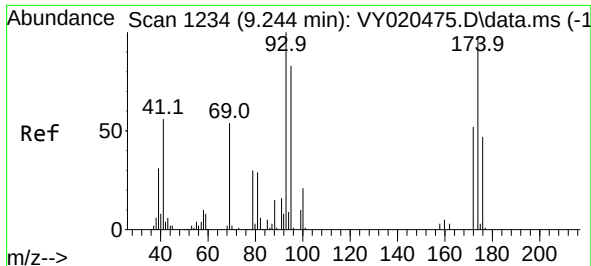
Tgt Ion: 83 Resp: 65783
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 19.651 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 41 Resp: 22729
Ion Ratio Lower Upper
41 100
69 84.7 66.1 99.1
39 51.0 46.0 69.0





#49

1,4-Dioxane

Concen: 410.506 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

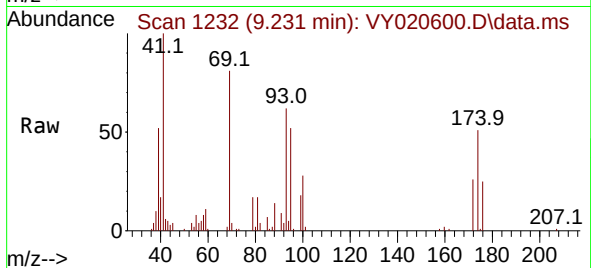
Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :



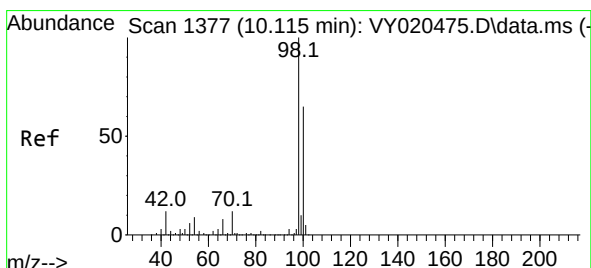
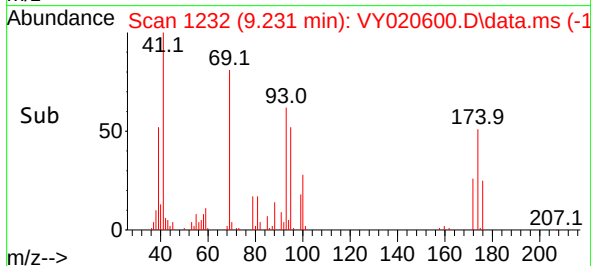
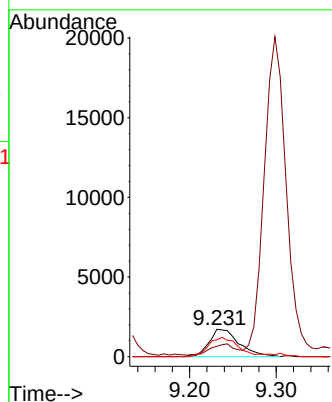
Tgt Ion: 88 Resp: 4156

Ion Ratio Lower Upper

88 100

43 34.1 24.6 37.0

58 69.5 59.6 89.4



#50

Toluene-d8

Concen: 45.412 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020600.D

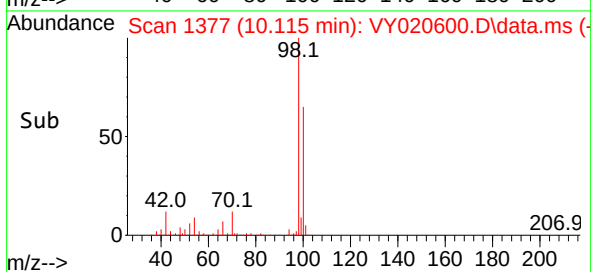
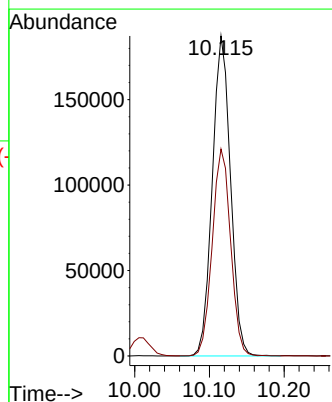
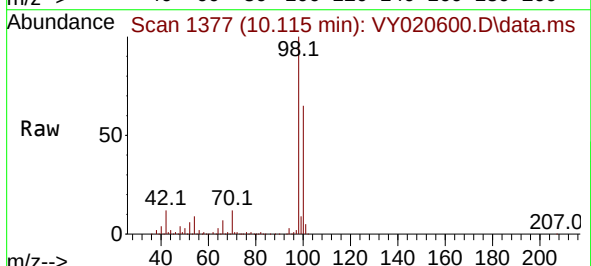
Acq: 13 Dec 2024 11:24

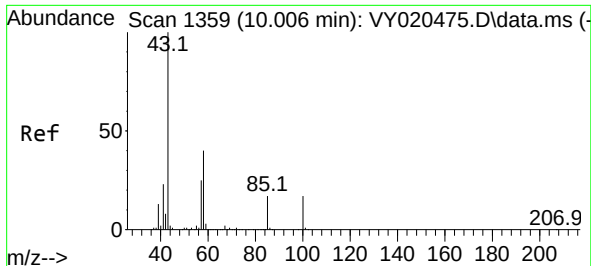
Tgt Ion: 98 Resp: 317484

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9

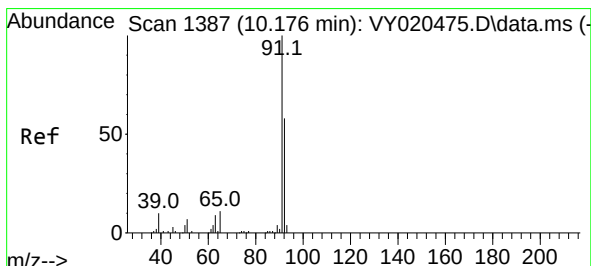
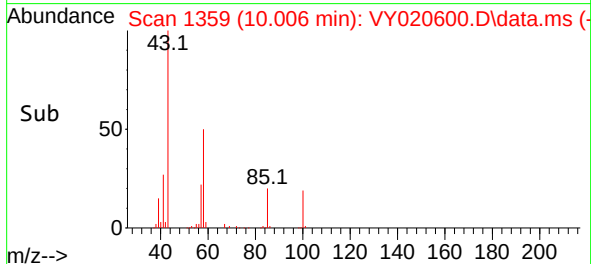
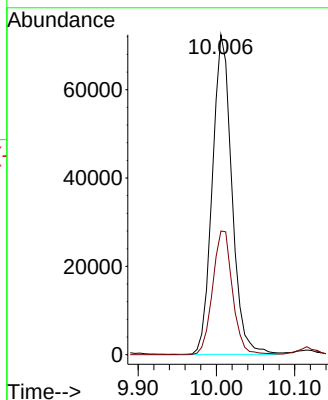
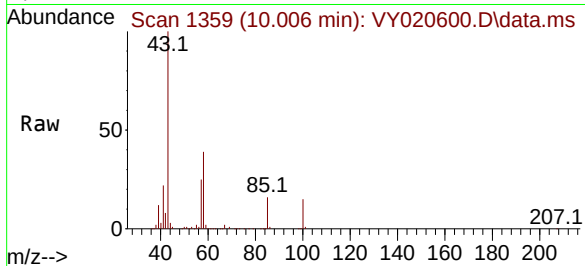




#51
4-Methyl-2-Pentanone
Concen: 102.365 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

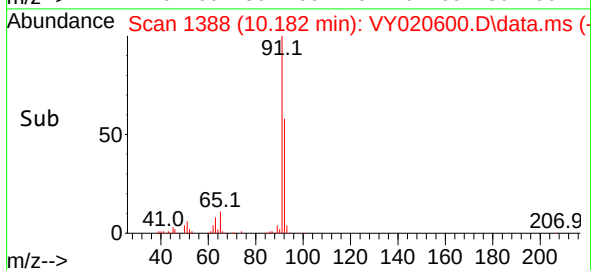
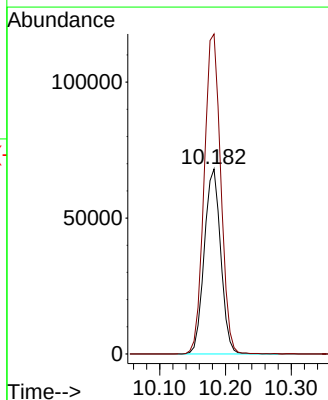
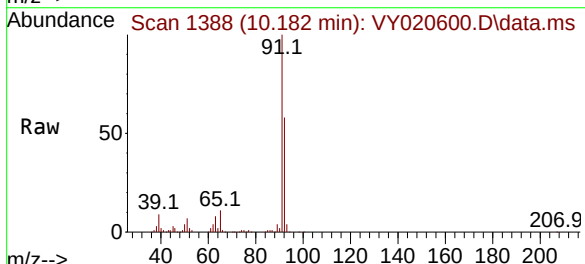
Instrument :
MSVOA_Y
ClientSampleId :

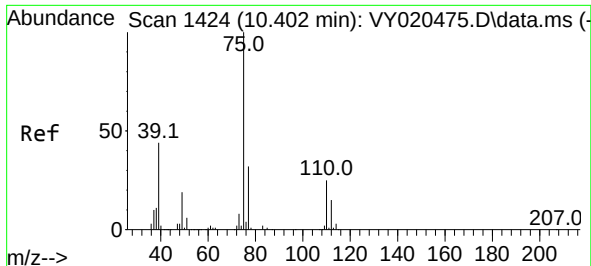
Tgt Ion: 43 Resp: 125391
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3



#52
Toluene
Concen: 20.748 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 92 Resp: 118340
Ion Ratio Lower Upper
92 100
91 174.6 139.7 209.5

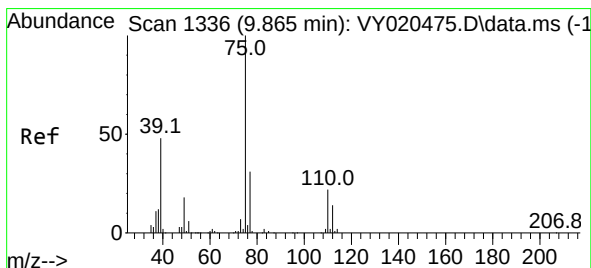
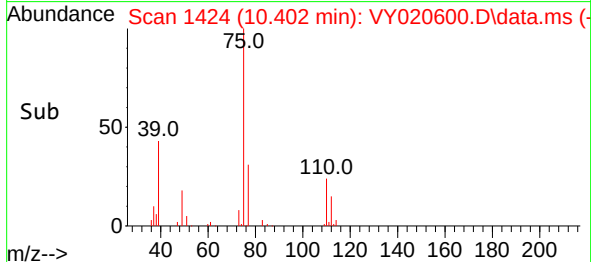
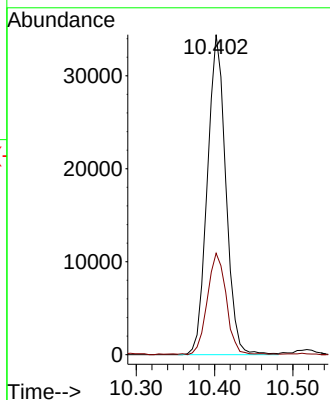
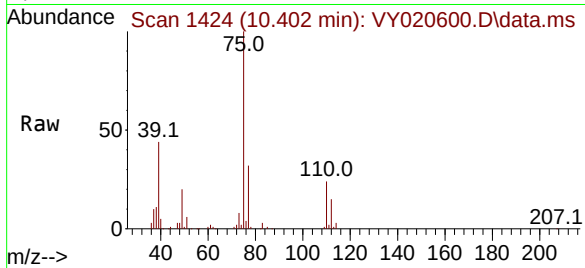




#53
t-1,3-Dichloropropene
Concen: 20.085 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

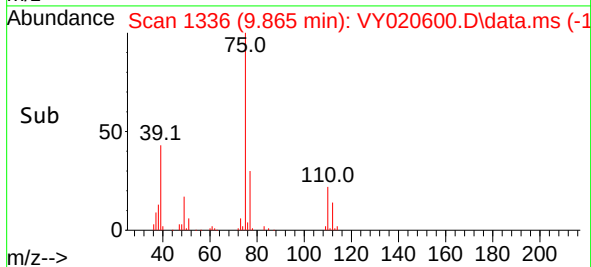
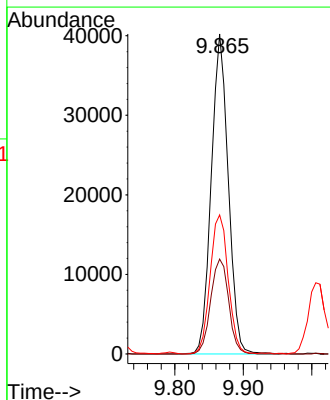
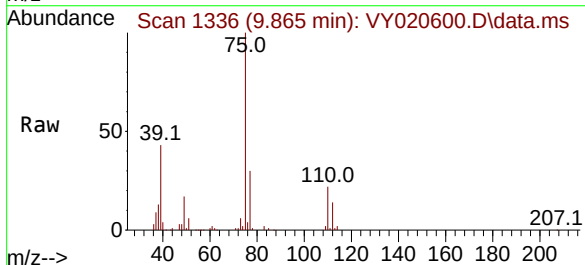
Instrument :
MSVOA_Y
ClientSampleId :

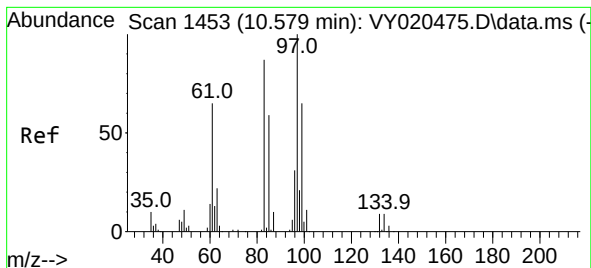
Tgt Ion: 75 Resp: 56271
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.927 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 75 Resp: 69289
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.4
39 43.3 41.0 61.6

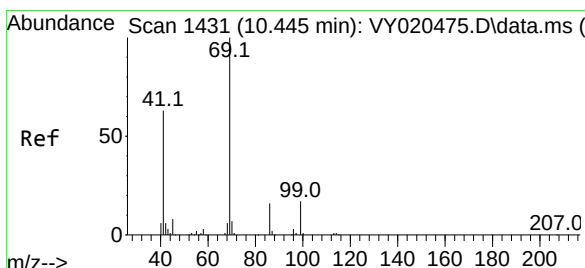
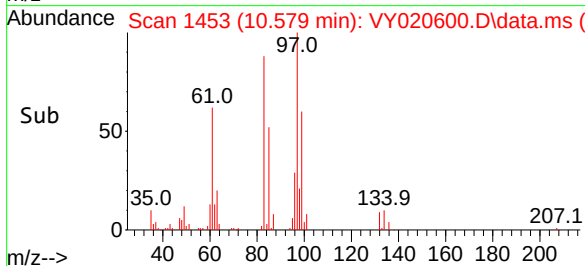
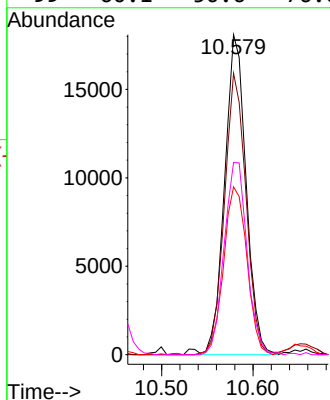
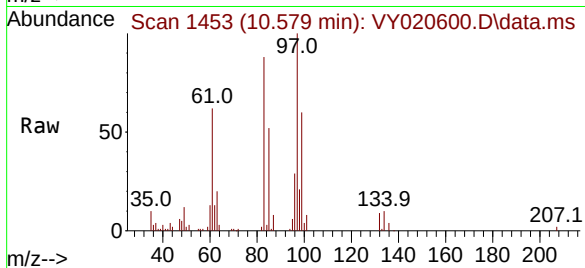




#55
1,1,2-Trichloroethane
Concen: 21.065 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

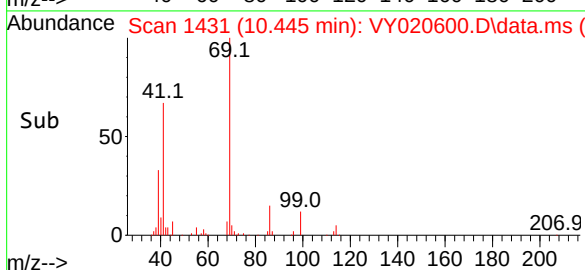
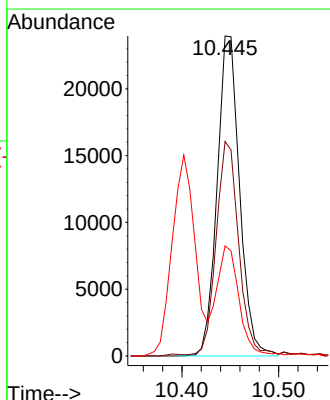
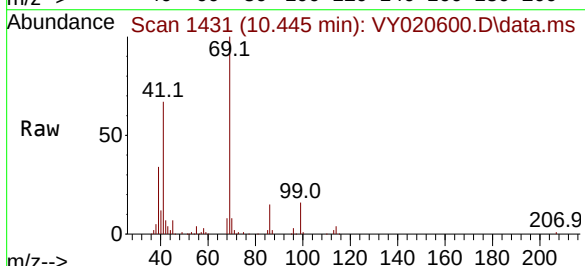
Instrument :
MSVOA_Y
ClientSampleId :

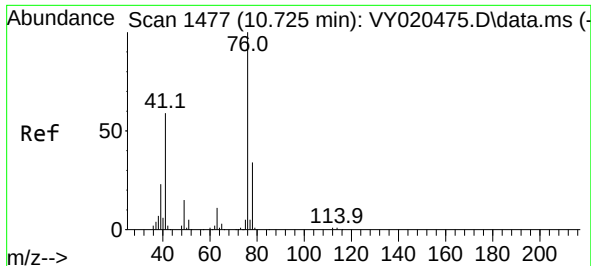
Tgt Ion:	97	Resp:	29762
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.8	106.2
85	52.0	44.9	67.3
99	60.1	50.6	76.0



#56
Ethyl methacrylate
Concen: 19.363 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:	69	Resp:	38709
Ion	Ratio	Lower	Upper
69	100		
41	66.2	56.1	84.1
39	33.5	29.7	44.5





#57

1,3-Dichloropropane

Concen: 20.976 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

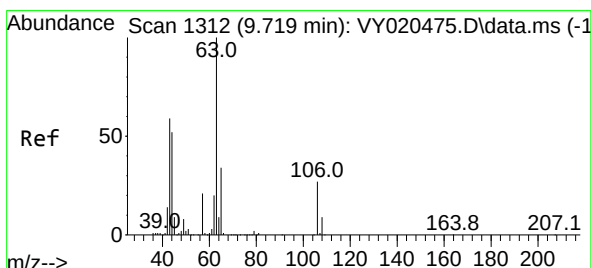
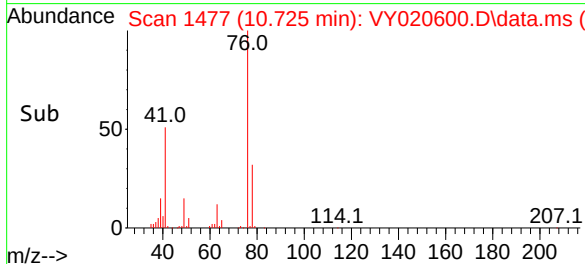
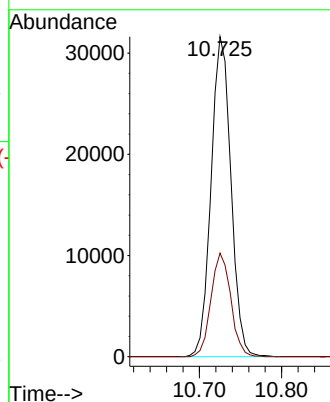
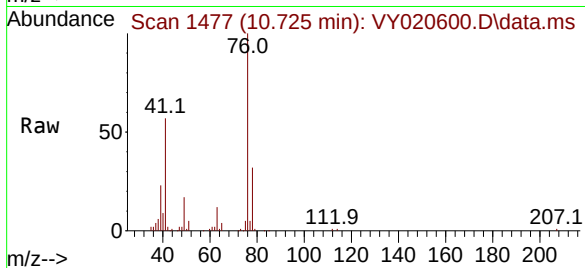
ClientSampleId :

Tgt Ion: 76 Resp: 53071

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.596 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020600.D

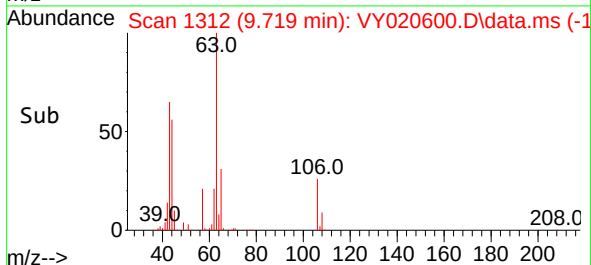
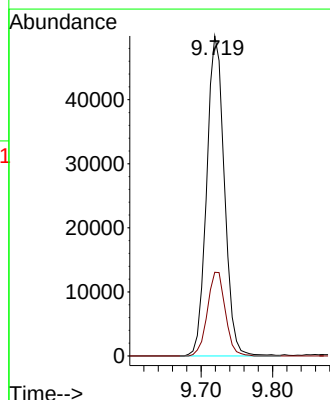
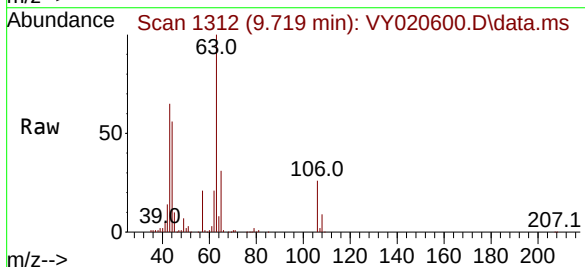
Acq: 13 Dec 2024 11:24

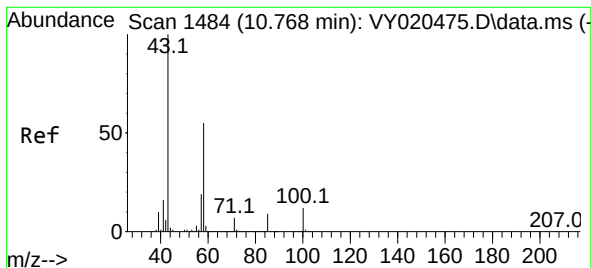
Tgt Ion: 63 Resp: 85735

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

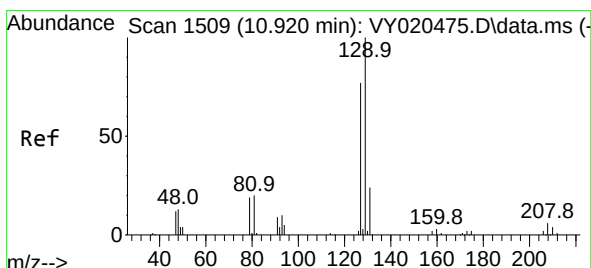
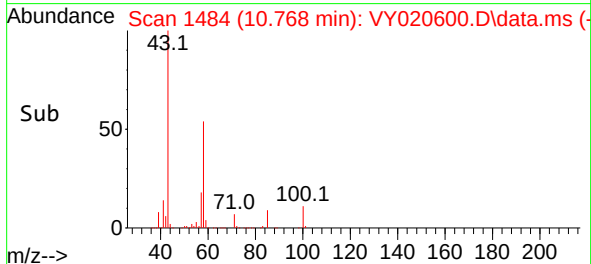
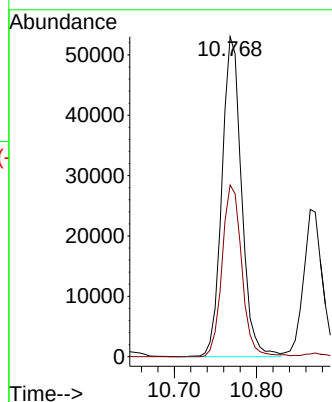
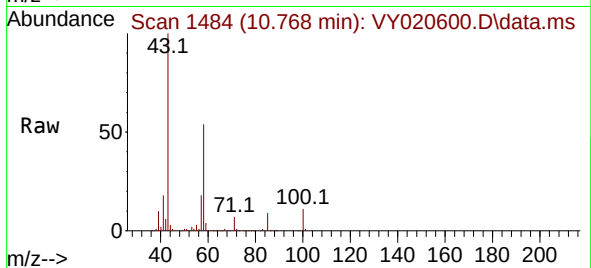




#59
2-Hexanone
Concen: 99.652 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

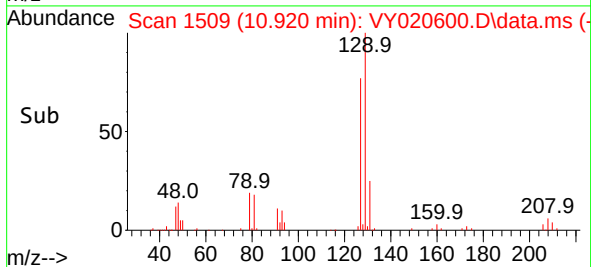
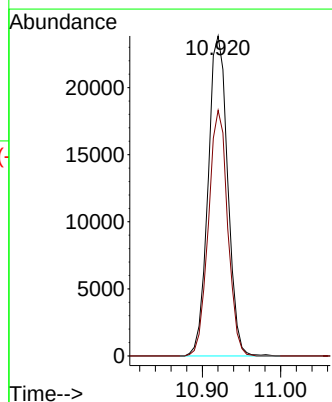
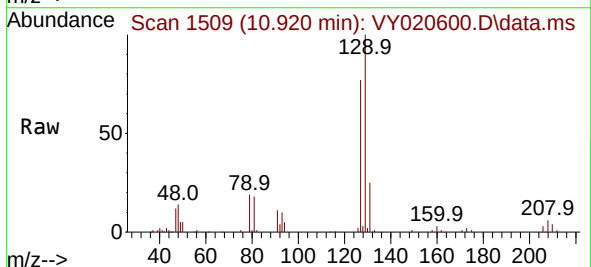
Instrument :
MSVOA_Y
ClientSampleId :

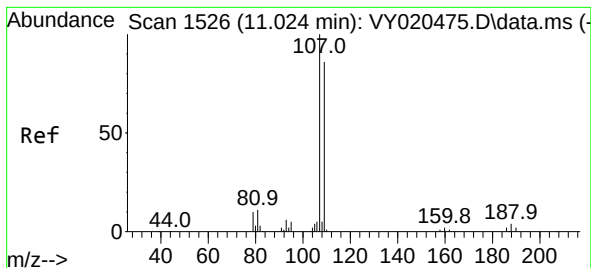
Tgt Ion: 43 Resp: 88061
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.2



#60
Dibromochloromethane
Concen: 21.085 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 129 Resp: 41476
Ion Ratio Lower Upper
129 100
127 75.1 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.176 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

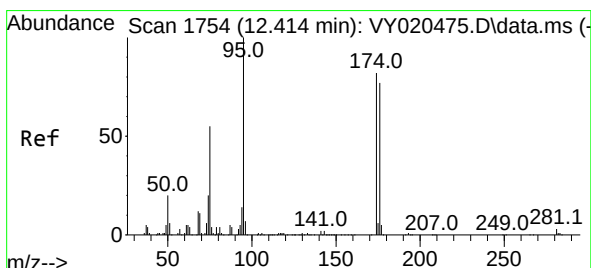
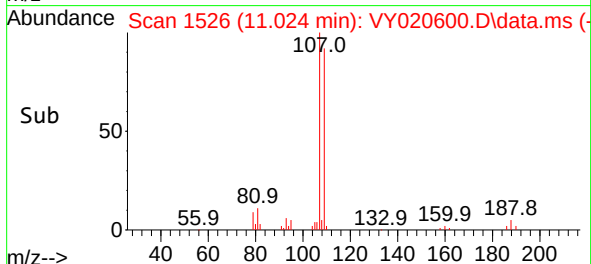
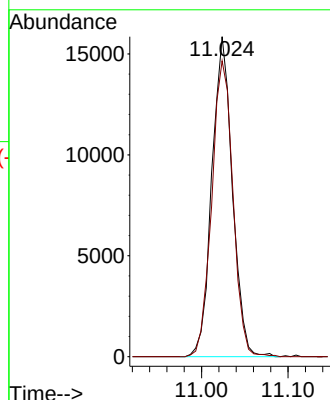
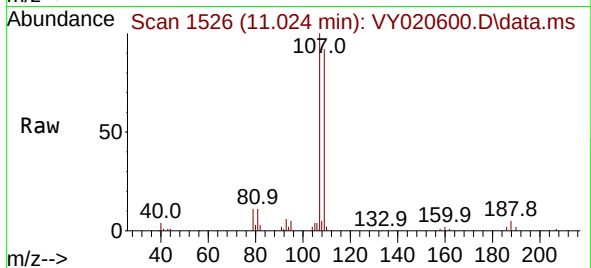
ClientSampleId :

Tgt Ion:107 Resp: 26069

Ion Ratio Lower Upper

107 100

109 95.4 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 44.050 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

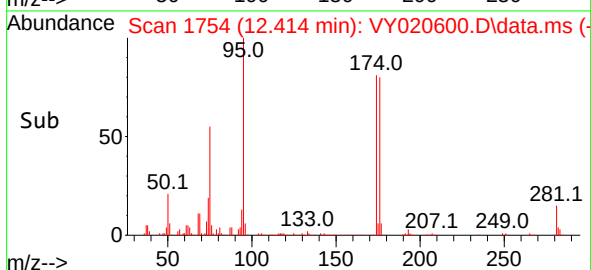
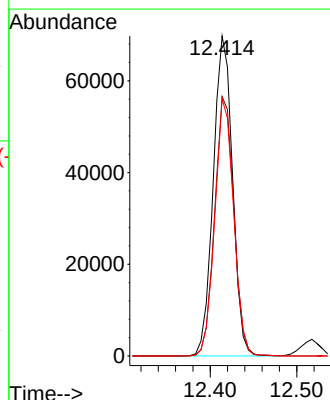
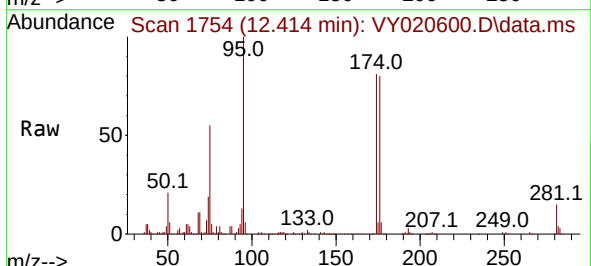
Tgt Ion: 95 Resp: 107709

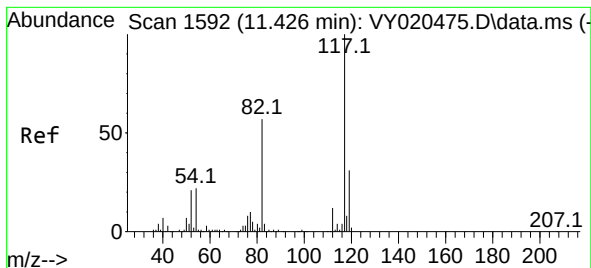
Ion Ratio Lower Upper

95 100

174 80.8 0.0 156.8

176 78.7 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

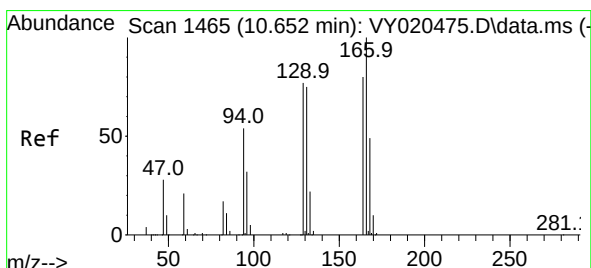
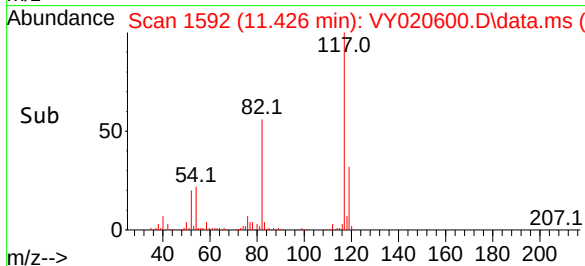
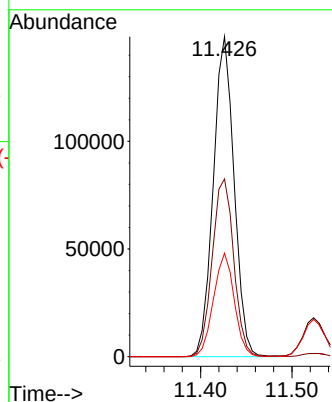
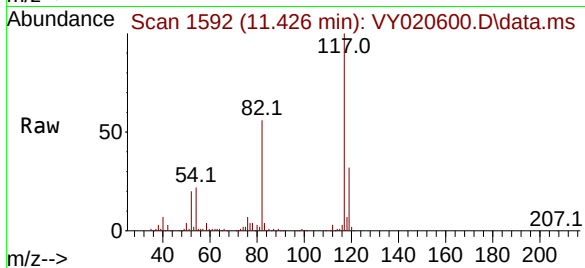
Tgt Ion:117 Resp: 235433

Ion Ratio Lower Upper

117 100

82 55.6 48.2 72.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 20.499 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Tgt Ion:164 Resp: 40779

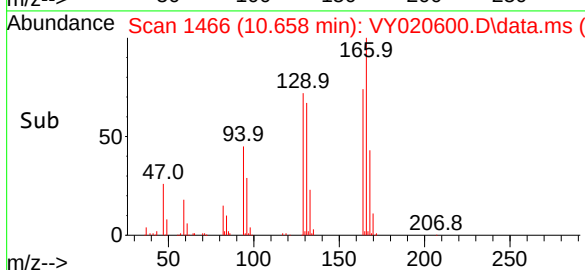
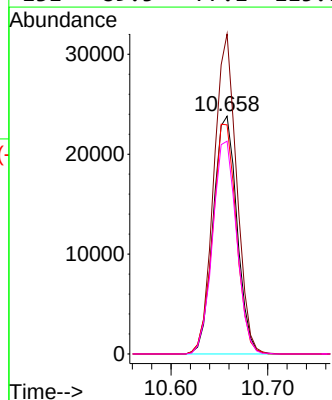
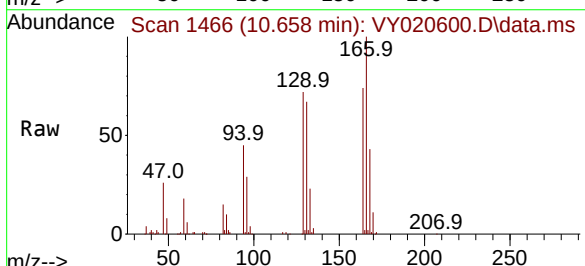
Ion Ratio Lower Upper

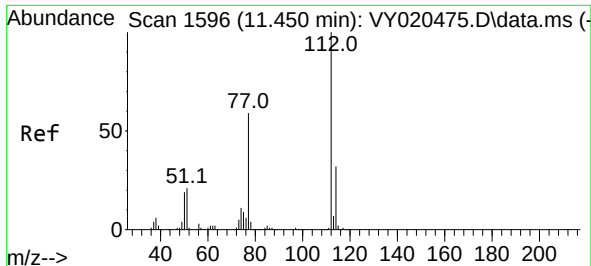
164 100

166 134.6 103.8 155.8

129 96.4 79.0 118.4

131 89.5 77.1 115.7

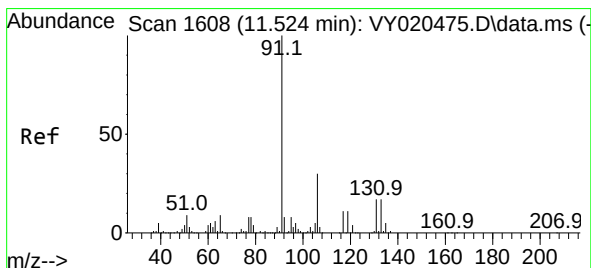
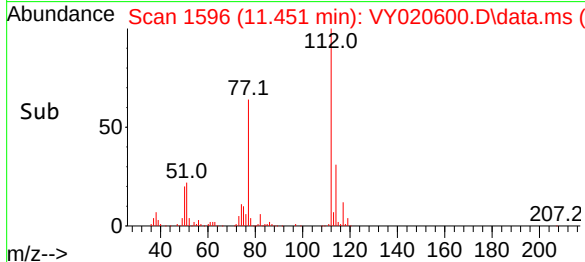
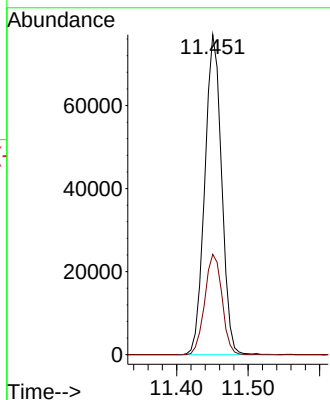
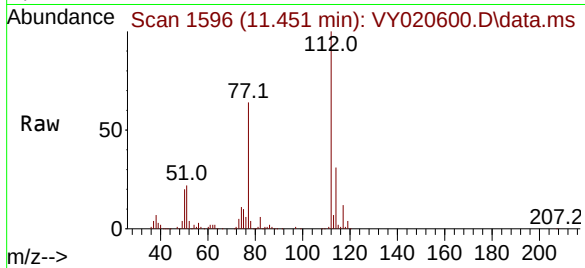




#65
Chlorobenzene
Concen: 21.343 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

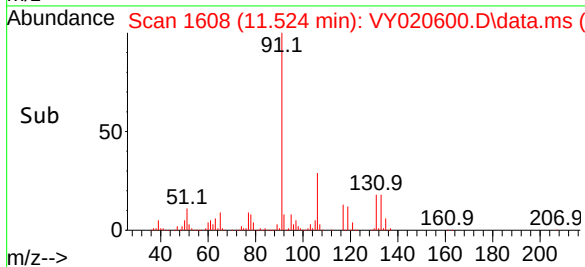
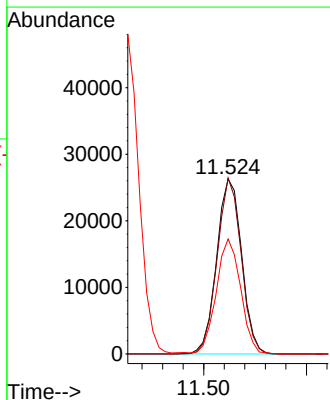
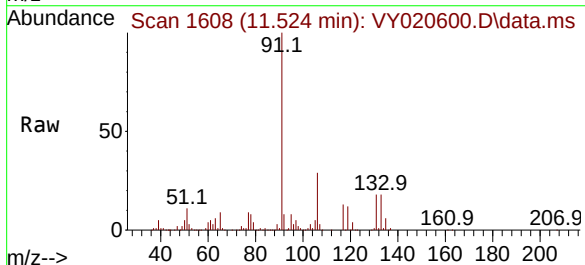
Instrument :
MSVOA_Y
ClientSampleId :

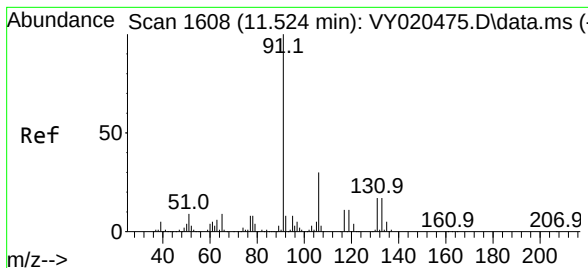
Tgt Ion:112 Resp: 125952
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.189 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:131 Resp: 44346
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 21.288 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

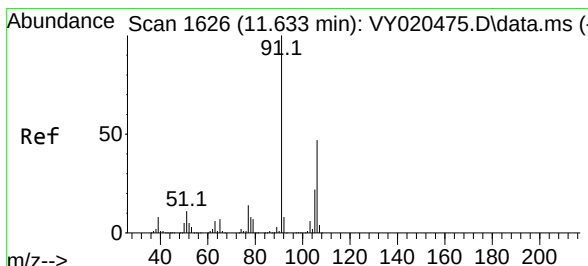
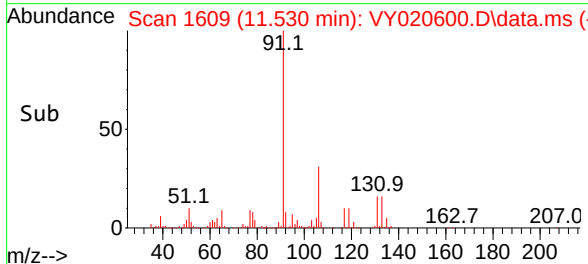
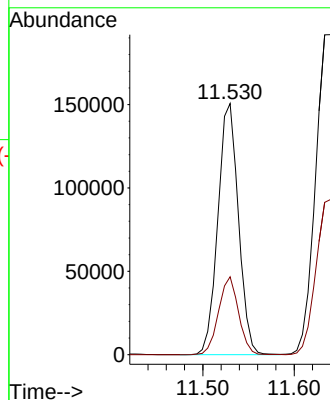
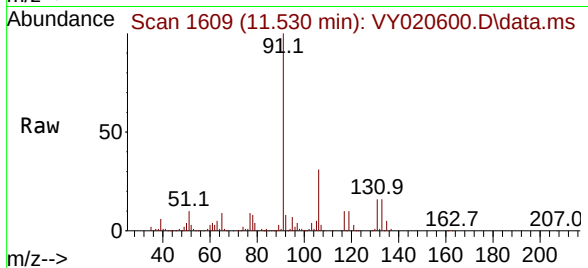
ClientSampleId :

Tgt Ion: 91 Resp: 235470

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 42.508 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020600.D

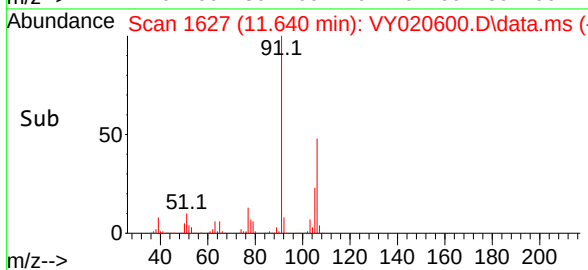
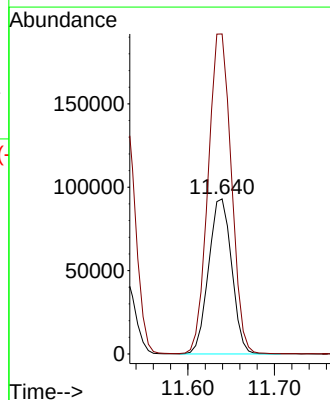
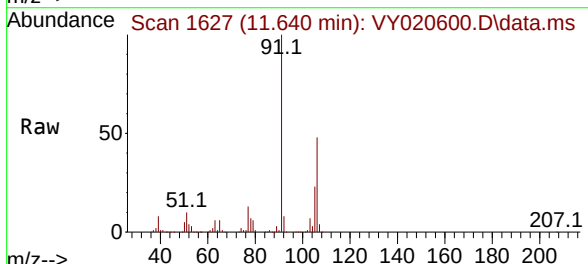
Acq: 13 Dec 2024 11:24

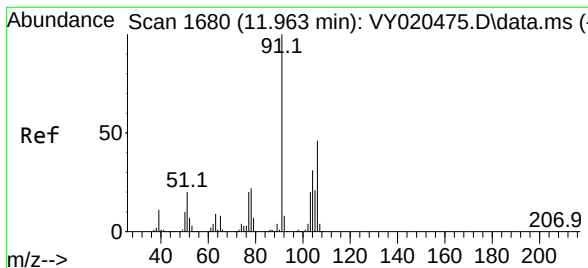
Tgt Ion:106 Resp: 172173

Ion Ratio Lower Upper

106 100

91 207.6 166.0 249.0

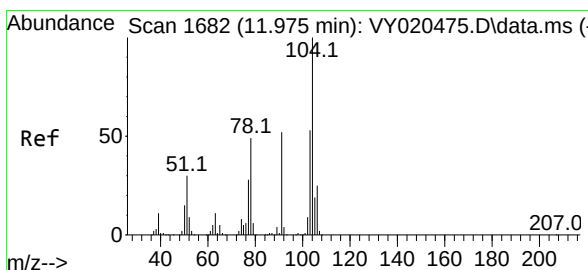
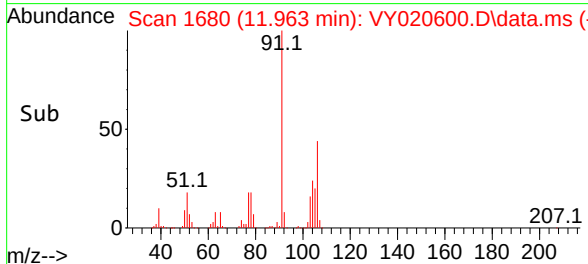
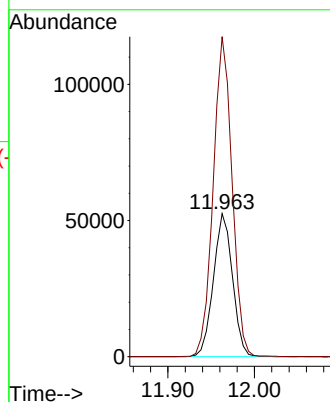
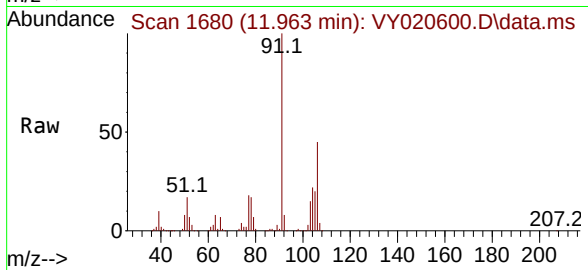




#69
o-Xylene
Concen: 21.230 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

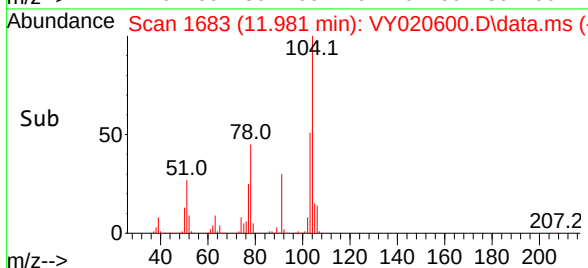
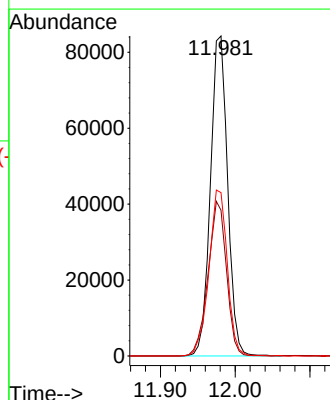
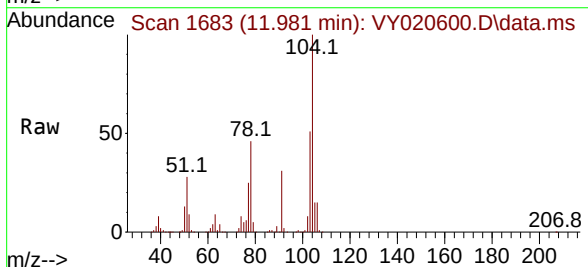
Instrument :
MSVOA_Y
ClientSampleId :

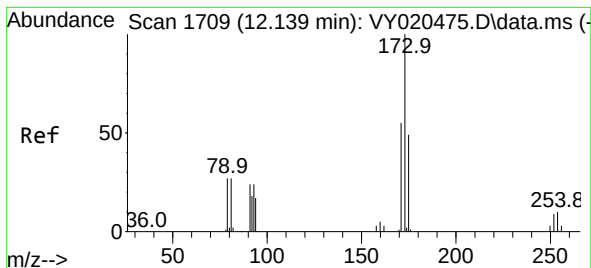
Tgt Ion:106 Resp: 80559
Ion Ratio Lower Upper
106 100
91 220.8 110.0 330.0



#70
Styrene
Concen: 21.299 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:104 Resp: 134836
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 20.902 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

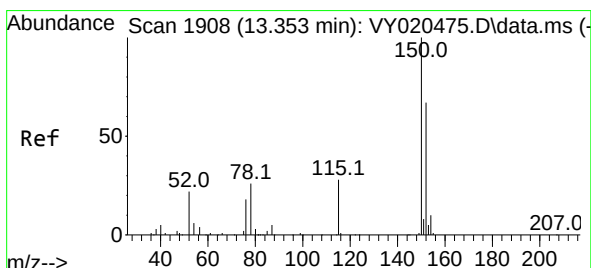
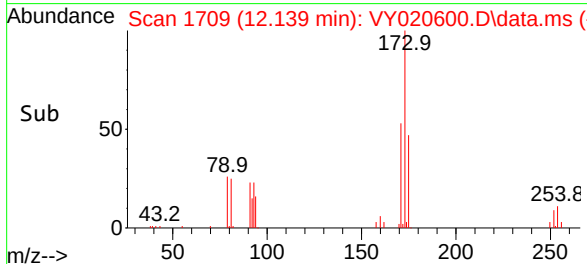
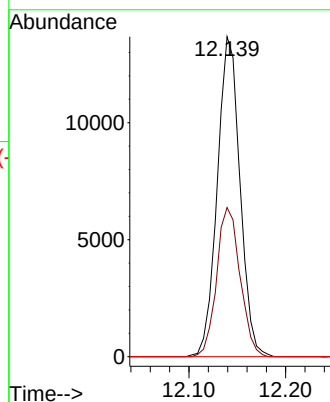
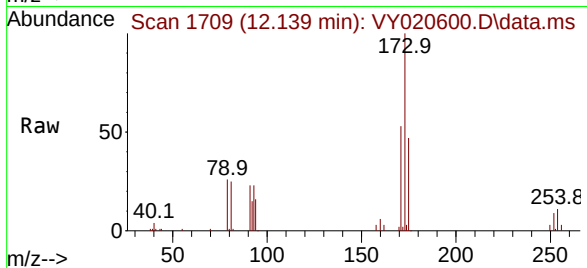
Tgt Ion:173 Resp: 22241

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

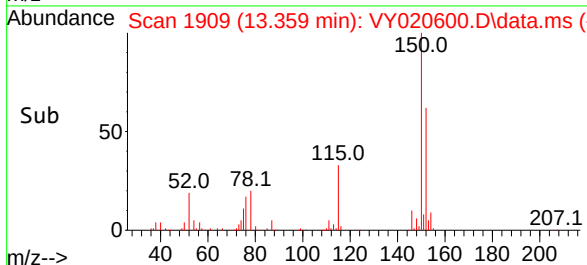
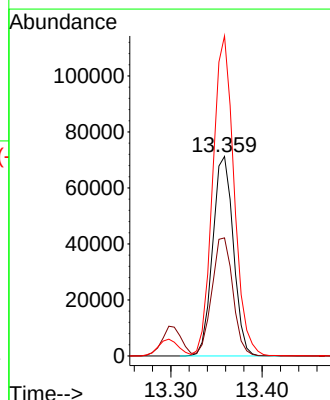
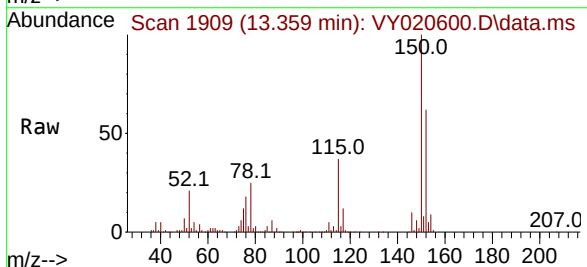
Tgt Ion:152 Resp: 111669

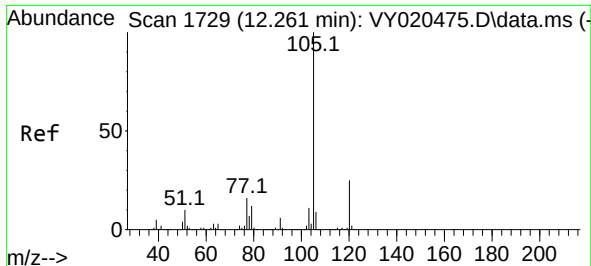
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 165.2 0.0 348.2

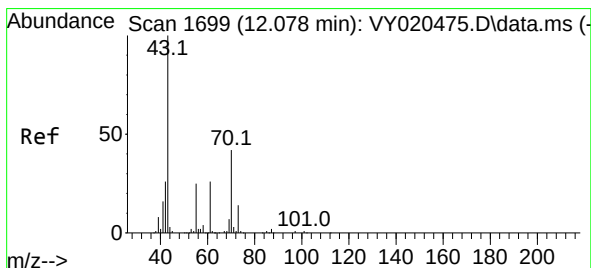
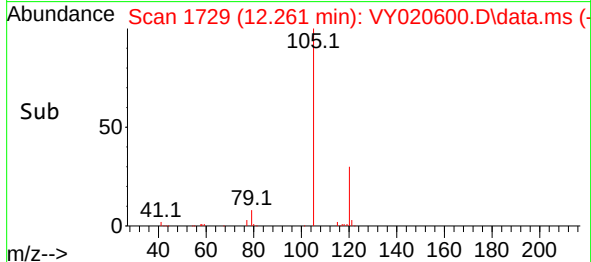
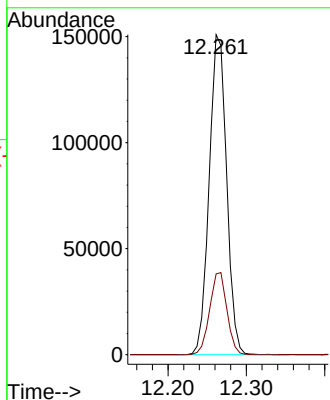
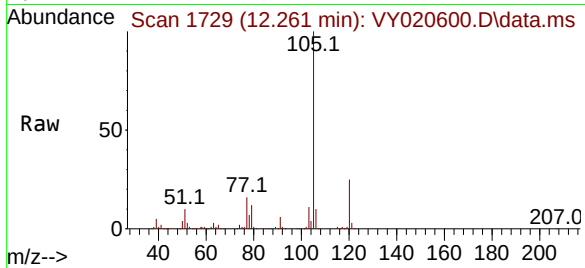




#73
Isopropylbenzene
Concen: 21.528 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

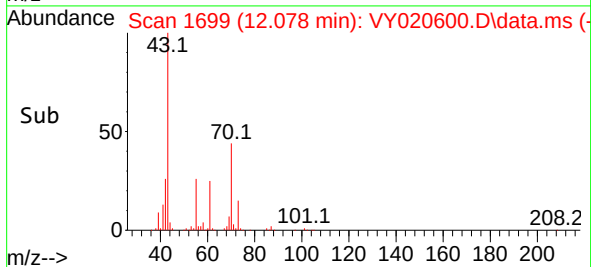
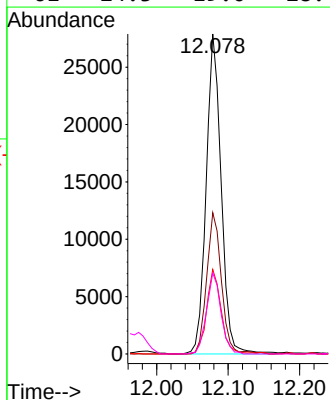
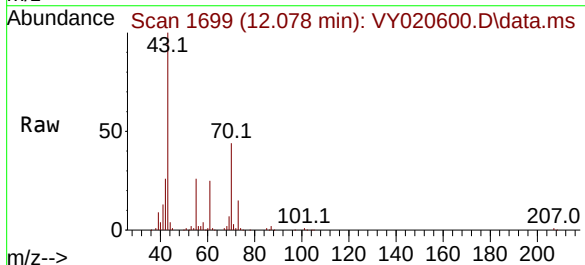
Instrument :
MSVOA_Y
ClientSampleId :

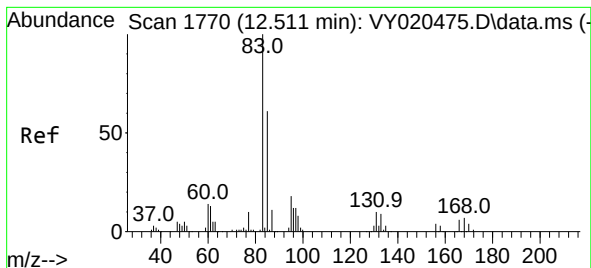
Tgt Ion:105 Resp: 232600
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.1



#74
N-ethyl acetate
Concen: 19.214 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 43 Resp: 40690
Ion Ratio Lower Upper
43 100
70 43.5 32.9 49.3
55 25.4 19.3 28.9
61 24.3 19.0 28.4

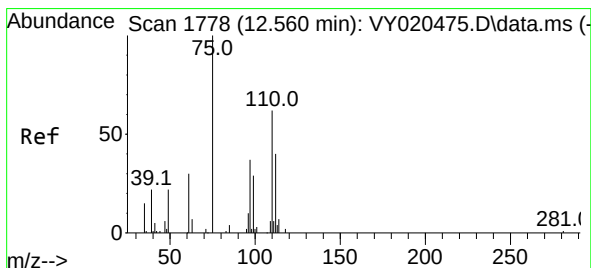
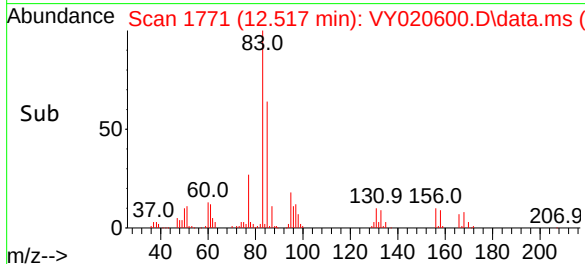
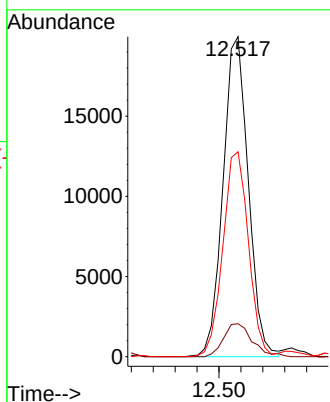
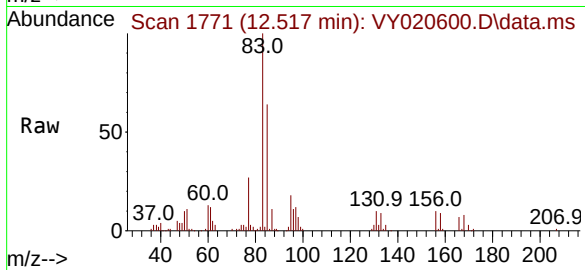




#75
 1,1,2-Tetrachloroethane
 Concen: 20.540 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY020600.D
 Acq: 13 Dec 2024 11:24

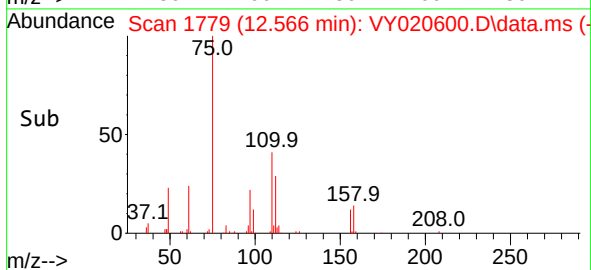
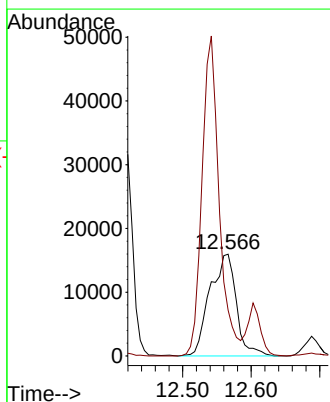
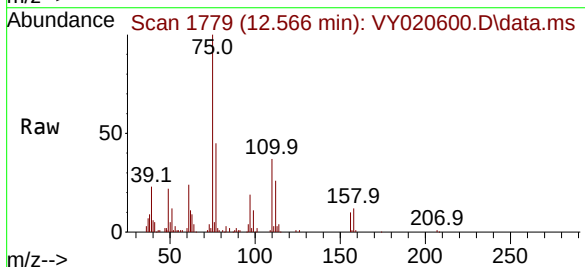
Instrument :
 MSVOA_Y
 ClientSampleId :

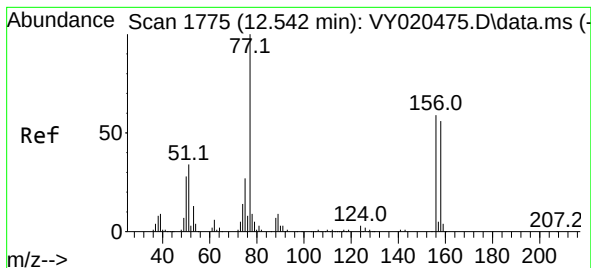
Tgt Ion: 83 Resp: 31915
 Ion Ratio Lower Upper
 83 100
 131 11.7 4.8 14.4
 85 64.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 37.551 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020600.D
 Acq: 13 Dec 2024 11:24

Tgt Ion: 75 Resp: 42716
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.758 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

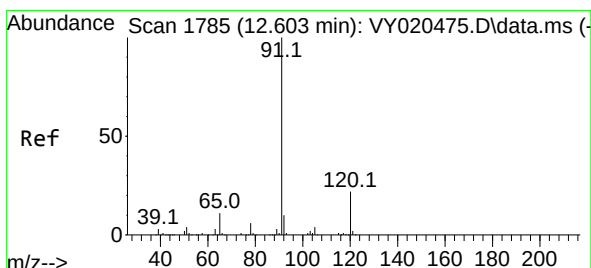
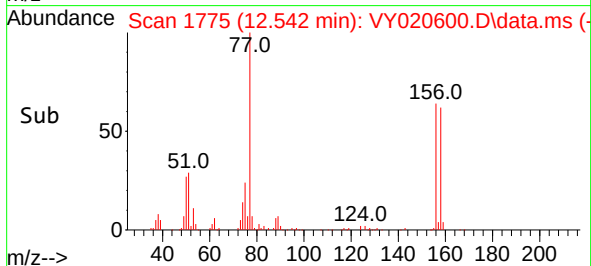
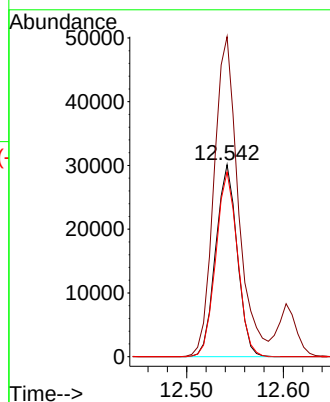
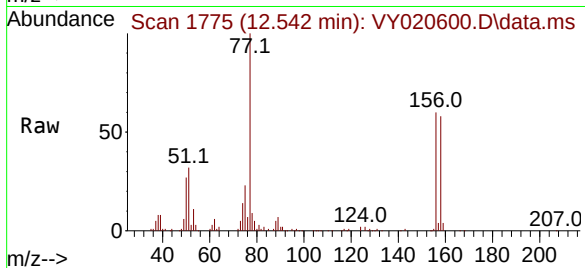
Tgt Ion:156 Resp: 46447

Ion Ratio Lower Upper

156 100

77 188.7 97.2 291.6

158 97.0 47.8 143.4



#78

n-propylbenzene

Concen: 21.468 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020600.D

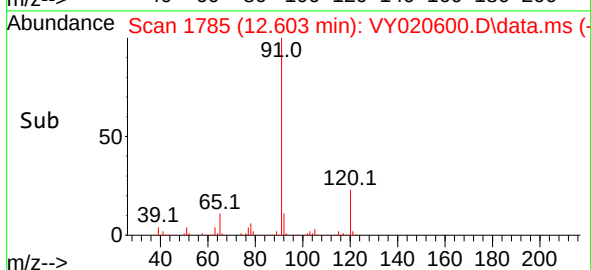
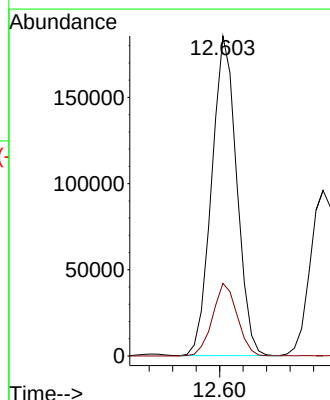
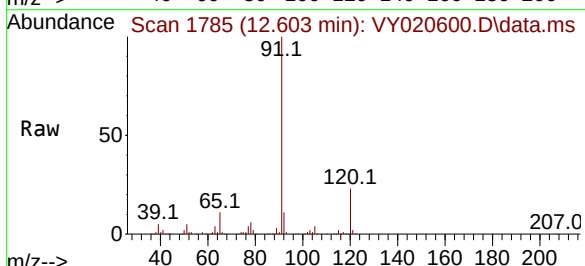
Acq: 13 Dec 2024 11:24

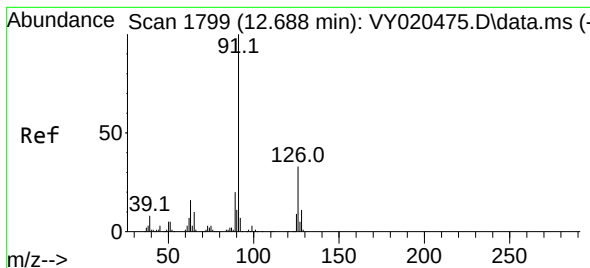
Tgt Ion: 91 Resp: 274622

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.6





#79

2-Chlorotoluene

Concen: 21.393 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

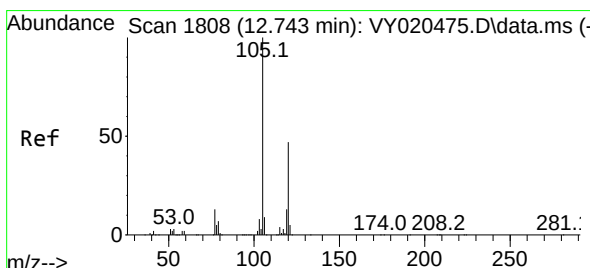
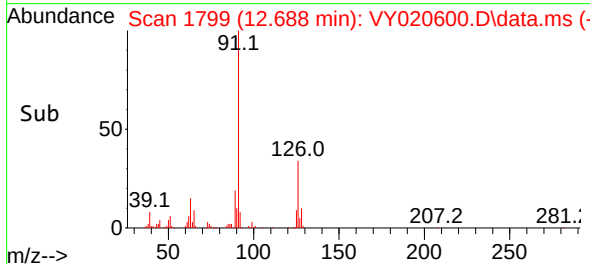
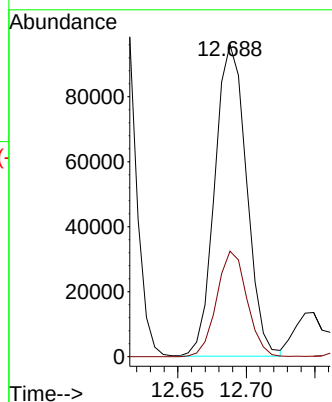
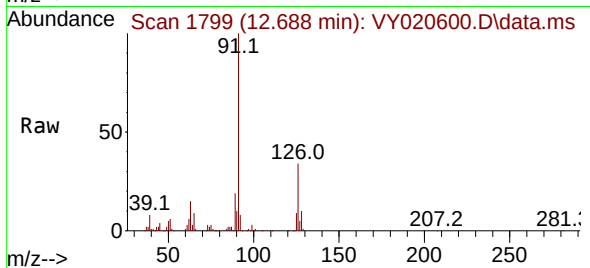
ClientSampleId :

Tgt Ion: 91 Resp: 154419

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 21.224 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020600.D

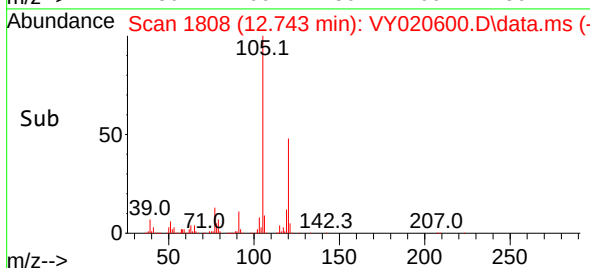
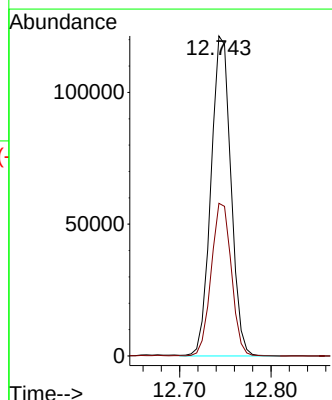
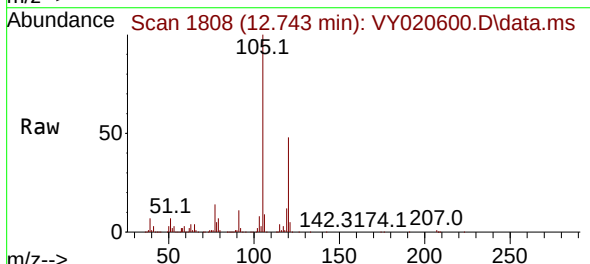
Acq: 13 Dec 2024 11:24

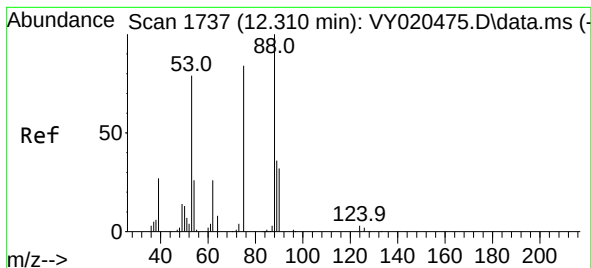
Tgt Ion: 105 Resp: 183770

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

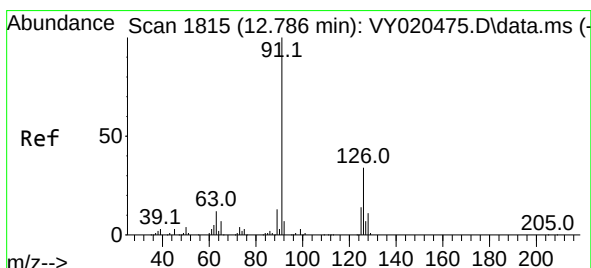
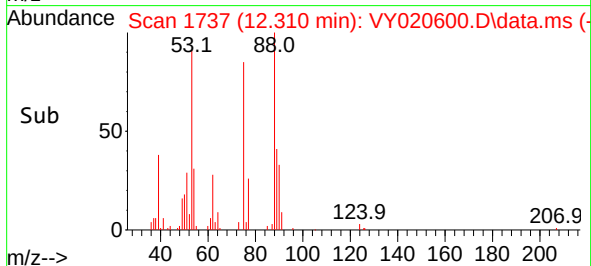
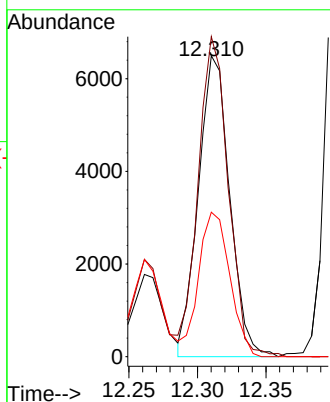
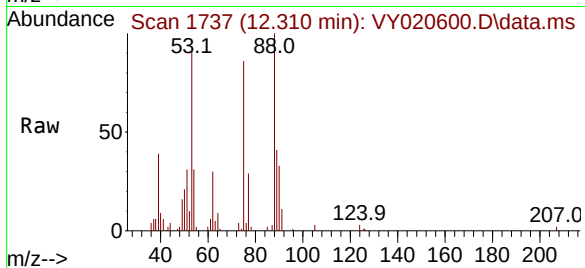




#81
trans-1,4-Dichloro-2-butene
Concen: 18.652 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

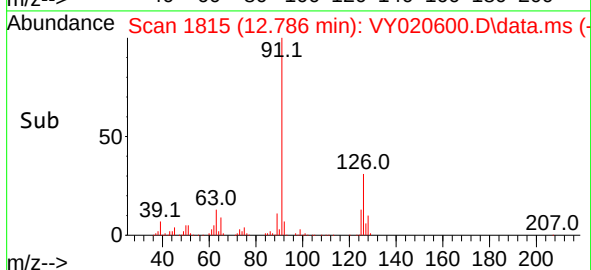
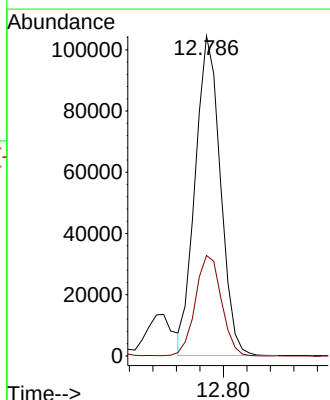
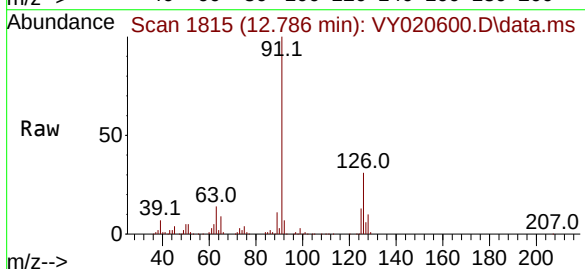
Instrument :
MSVOA_Y
ClientSampleId :

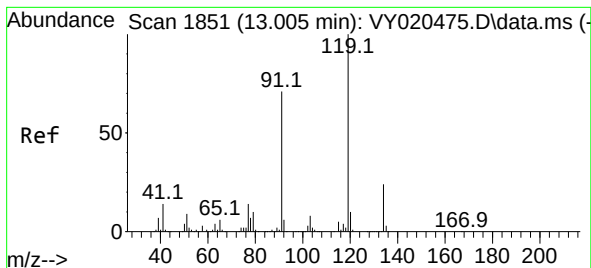
Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.6	81.1	121.7
89	48.0	35.1	52.7



#82
4-Chlorotoluene
Concen: 21.077 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.8





#83

tert-Butylbenzene

Concen: 21.243 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

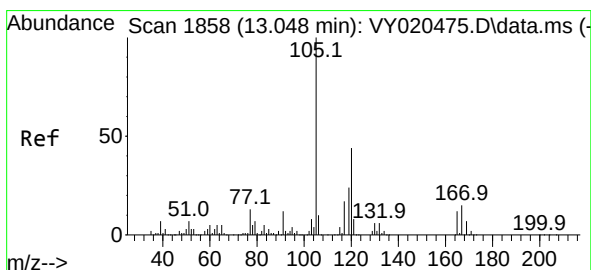
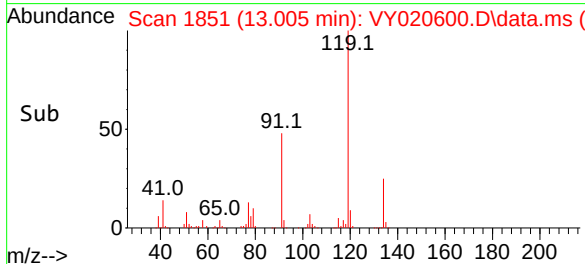
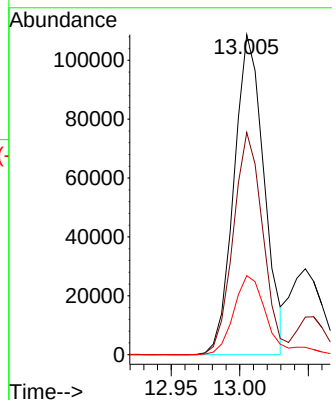
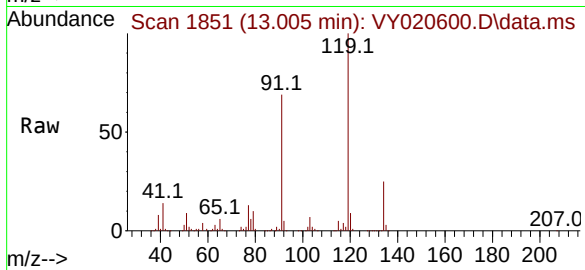
Tgt Ion:119 Resp: 166290

Ion Ratio Lower Upper

119 100

91 68.6 33.3 99.9

134 27.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.179 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020600.D

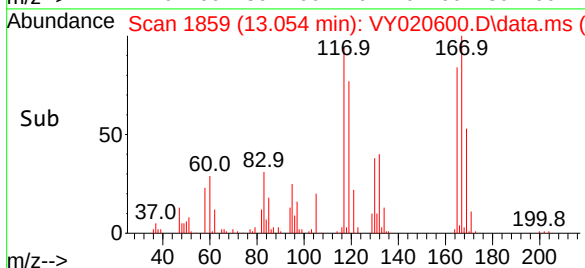
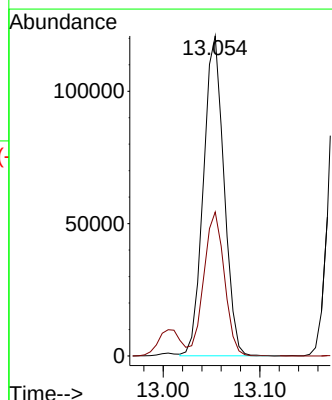
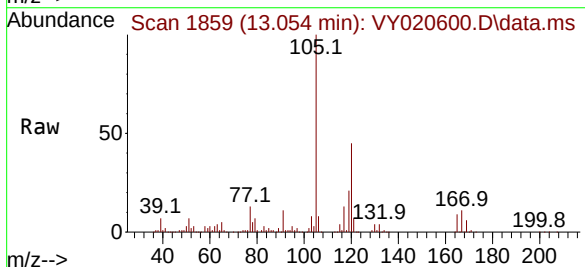
Acq: 13 Dec 2024 11:24

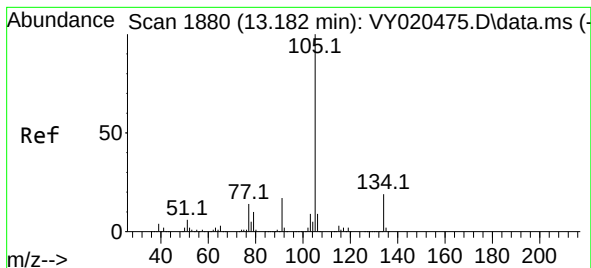
Tgt Ion:105 Resp: 178238

Ion Ratio Lower Upper

105 100

120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 22.101 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

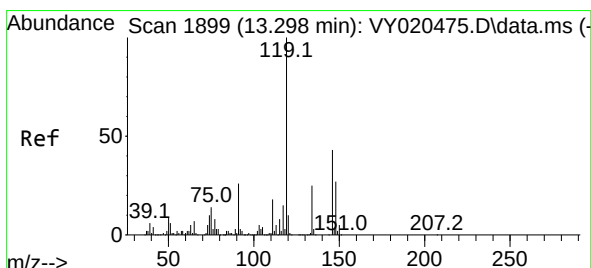
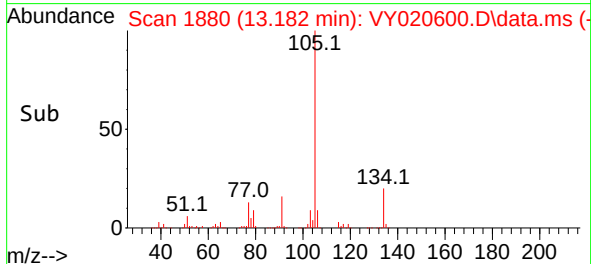
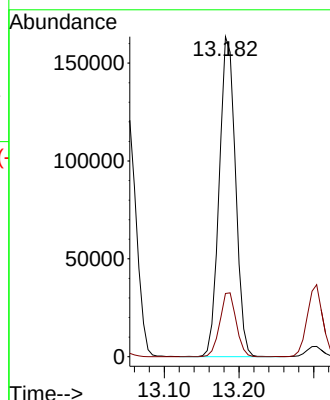
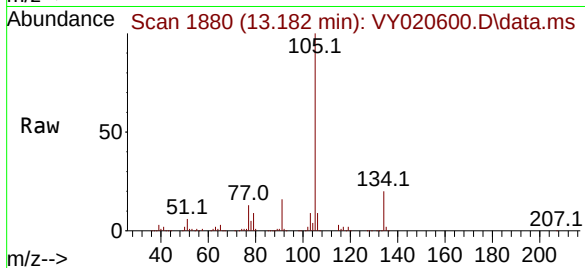
ClientSampleId :

Tgt Ion:105 Resp: 247949

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.835 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

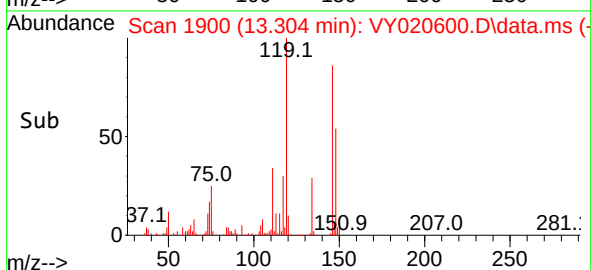
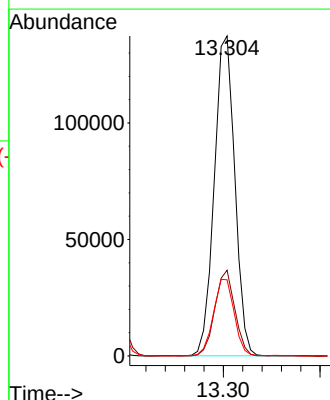
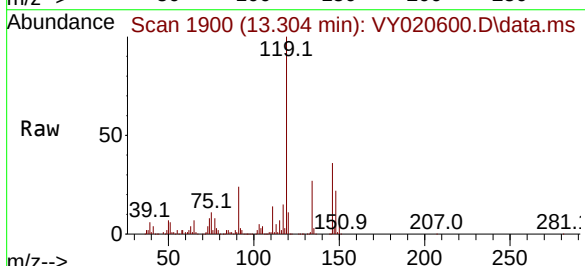
Tgt Ion:119 Resp: 202428

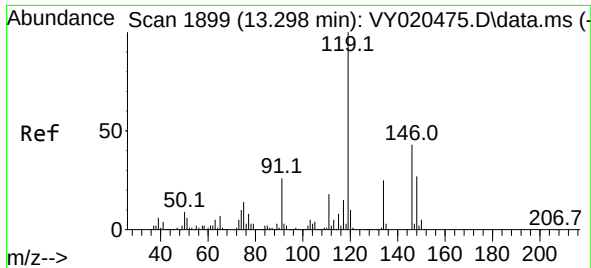
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

91 24.3 12.3 36.8

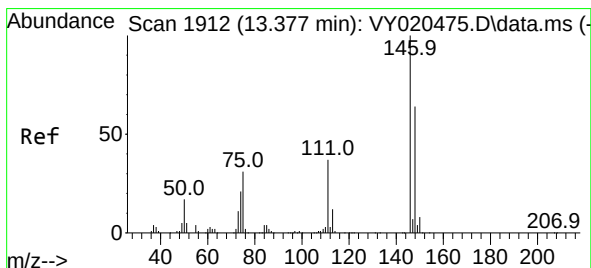
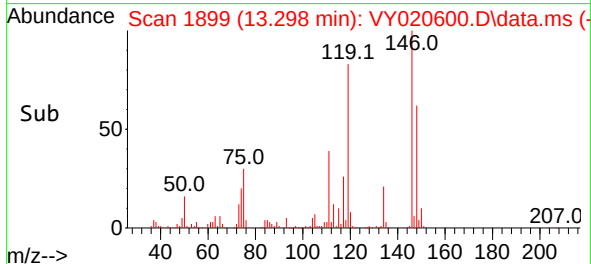
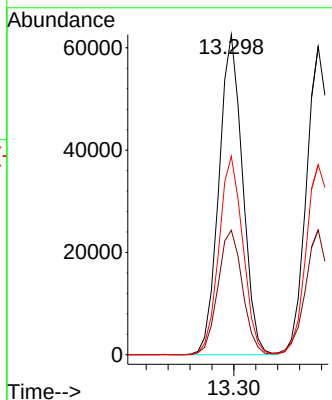
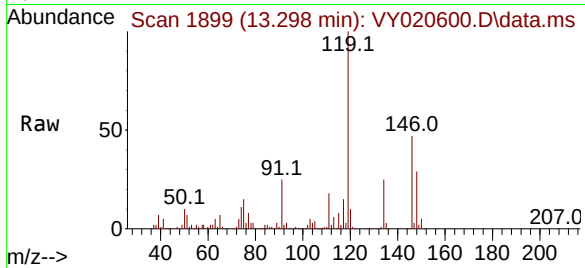




#87
1,3-Dichlorobenzene
Concen: 21.741 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

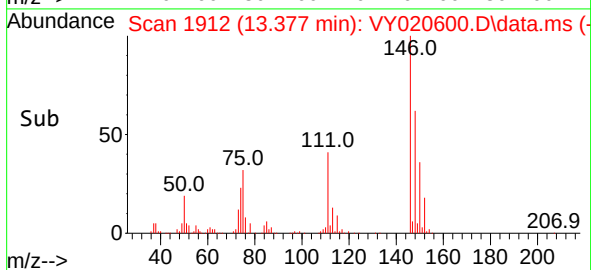
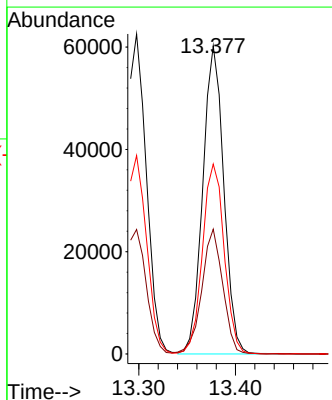
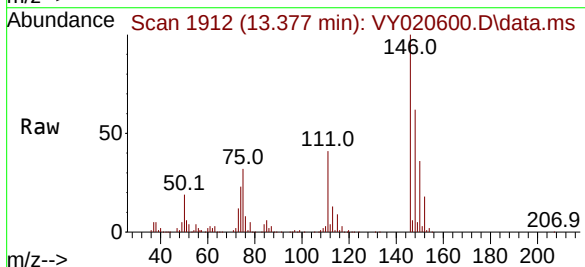
Instrument :
MSVOA_Y
ClientSampleId :

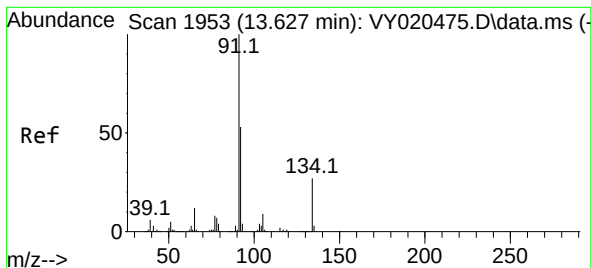
Tgt Ion:	146	Resp:	93818
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.5	61.6
148	62.8	32.1	96.5



#88
1,4-Dichlorobenzene
Concen: 21.586 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion:	146	Resp:	91187
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.9	59.6
148	63.9	32.0	96.2





#89

n-Butylbenzene

Concen: 22.358 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

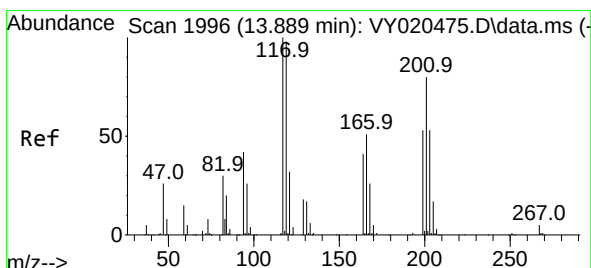
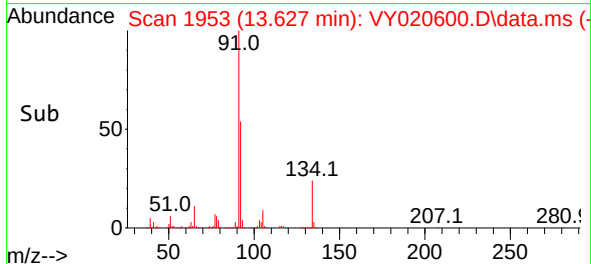
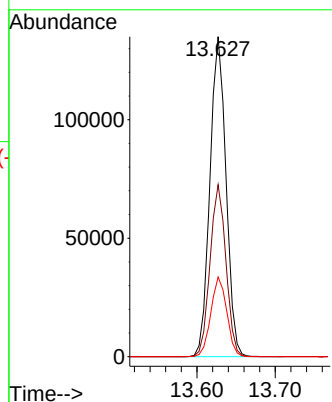
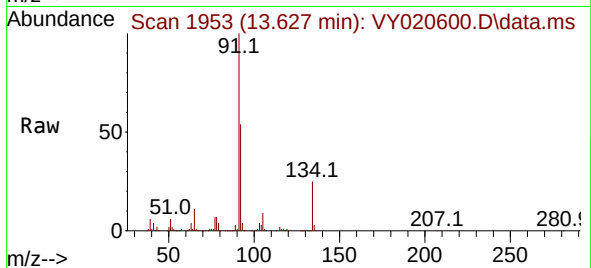
Tgt Ion: 91 Resp: 192244

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 24.7 12.2 36.4



#90

Hexachloroethane

Concen: 22.131 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020600.D

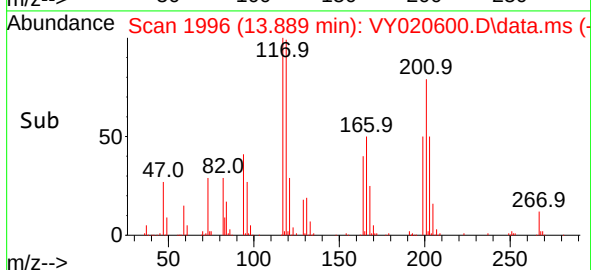
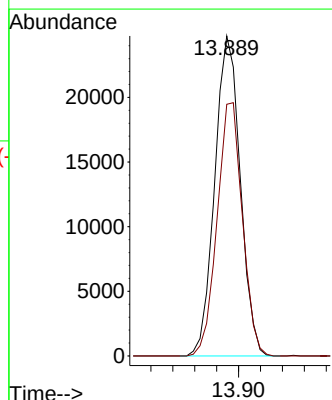
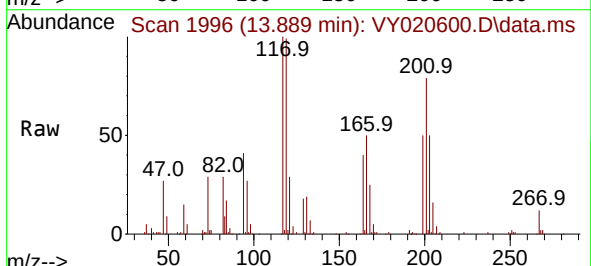
Acq: 13 Dec 2024 11:24

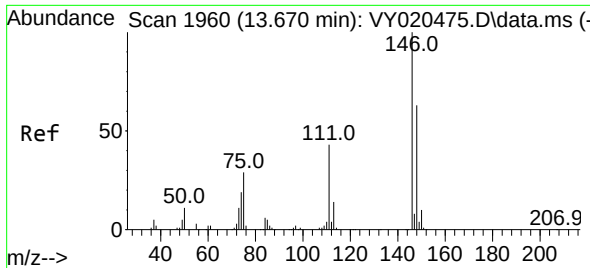
Tgt Ion: 117 Resp: 39984

Ion Ratio Lower Upper

117 100

201 78.6 37.1 111.3

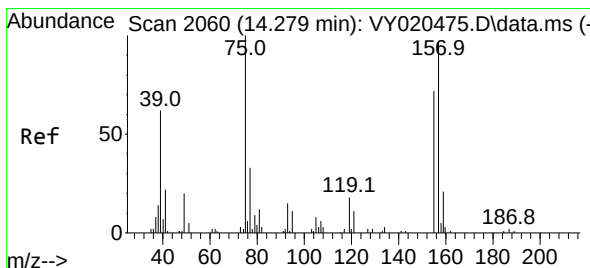
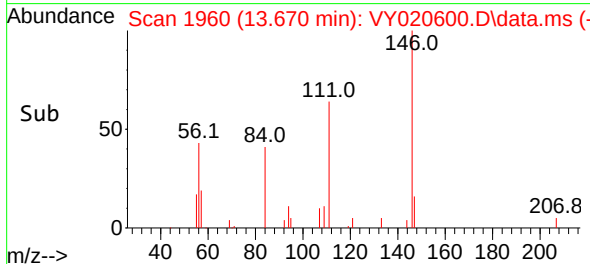
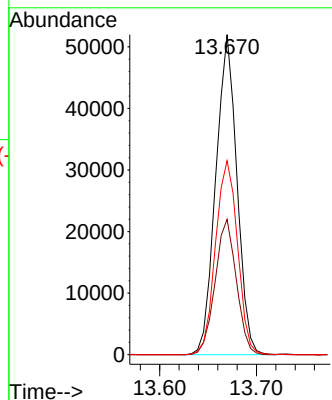
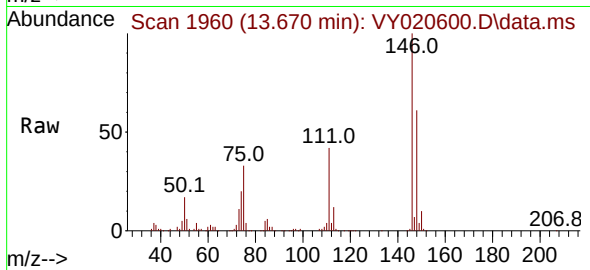




#91
1,2-Dichlorobenzene
Concen: 21.595 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

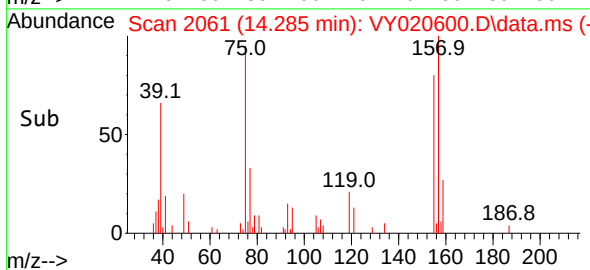
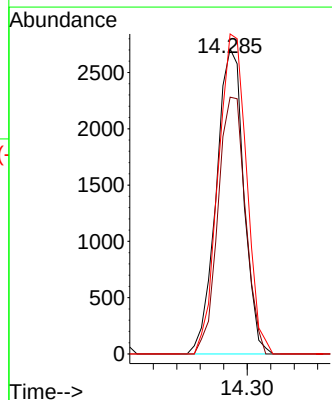
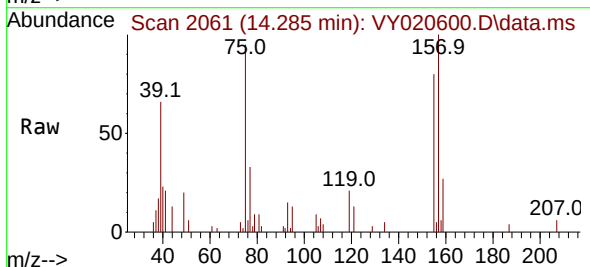
Instrument :
MSVOA_Y
ClientSampleId :

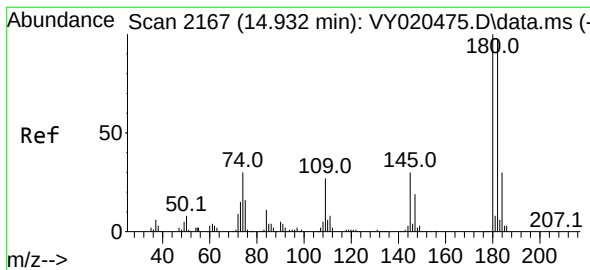
Tgt Ion:146 Resp: 79027
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.5
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.786 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020600.D
Acq: 13 Dec 2024 11:24

Tgt Ion: 75 Resp: 4419
Ion Ratio Lower Upper
75 100
155 83.6 39.7 119.1
157 107.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 20.831 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

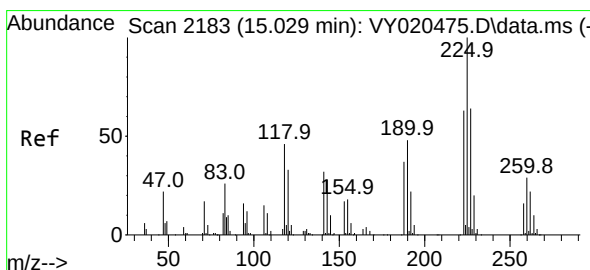
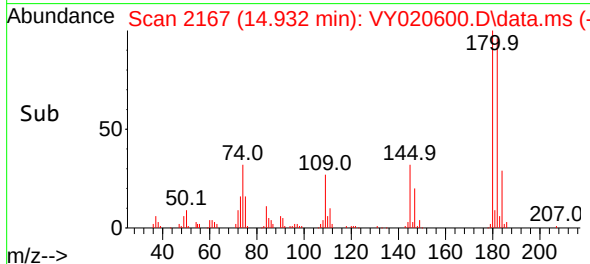
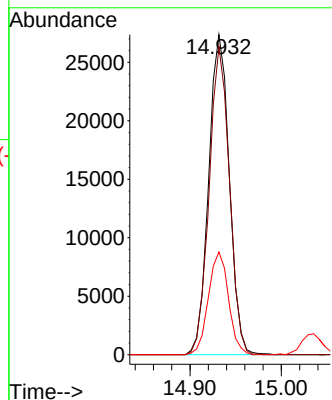
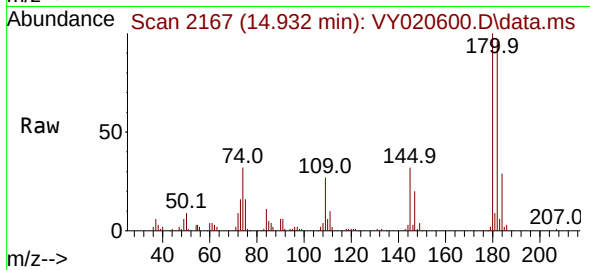
Tgt Ion:180 Resp: 42864

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 31.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 22.332 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

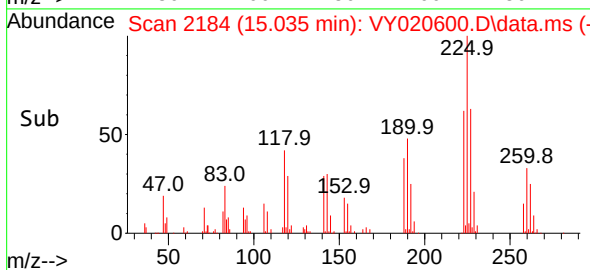
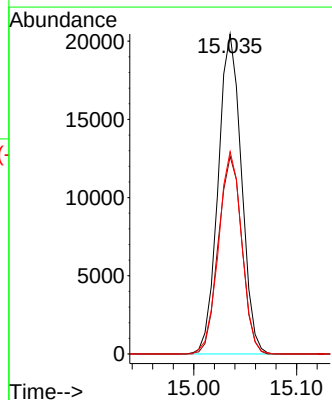
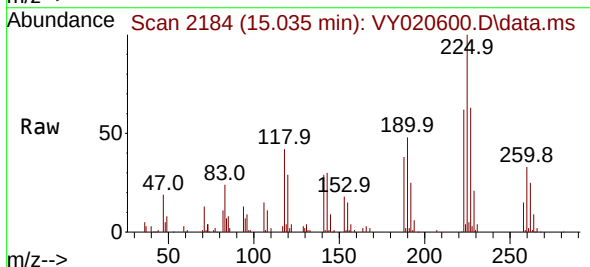
Tgt Ion:225 Resp: 32148

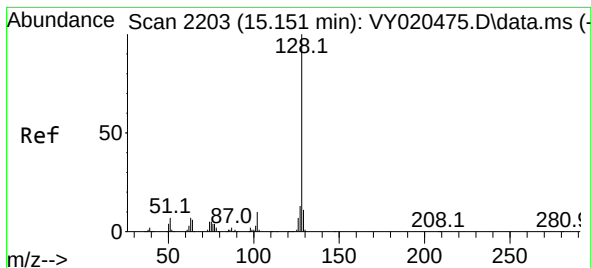
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.5

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 18.556 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

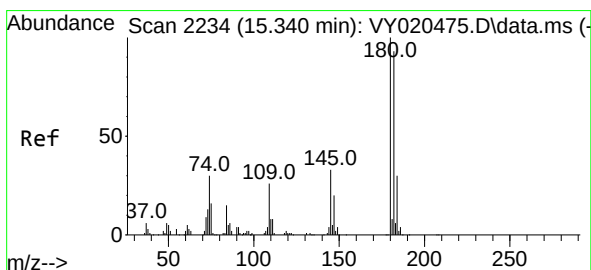
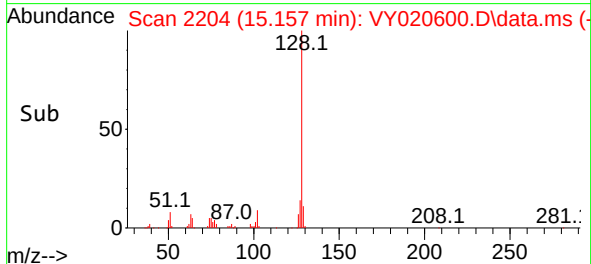
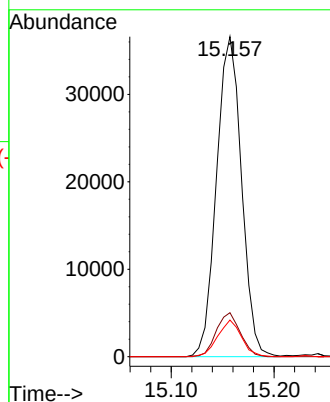
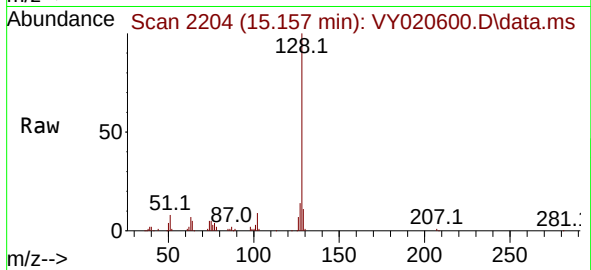
Tgt Ion:128 Resp: 61789

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.353 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020600.D

Acq: 13 Dec 2024 11:24

Tgt Ion:180 Resp: 33793

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.3

145 33.1 16.9 50.6

