

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020512.D
 Acq On : 04 Dec 2024 15:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 03:25:33 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	161163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	258371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	216201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	107045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	79404	48.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.646	113	80280	49.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.115	98	297706	48.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.414	95	105281	48.601	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	87488	55.652	ug/l	99
3) Chloromethane	2.080	50	88919	55.864	ug/l	99
4) Vinyl Chloride	2.214	62	88208	54.353	ug/l	100
5) Bromomethane	2.610	94	52194	54.814	ug/l	100
6) Chloroethane	2.745	64	53503	53.790	ug/l	100
7) Trichlorofluoromethane	3.074	101	159463	52.464	ug/l	100
8) Diethyl Ether	3.464	74	44292	51.431	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	93056	52.544	ug/l	98
10) Methyl Iodide	4.019	142	108051	54.348	ug/l	96
11) Tert butyl alcohol	4.866	59	25997	244.507	ug/l	99
12) 1,1-Dichloroethene	3.805	96	89198	53.317	ug/l	93
13) Acrolein	3.665	56	19847	199.371	ug/l	99
14) Allyl chloride	4.397	41	159990	53.619	ug/l	96
15) Acrylonitrile	5.067	53	90181	251.323	ug/l	99
16) Acetone	3.879	43	100521	246.648	ug/l	100
17) Carbon Disulfide	4.122	76	270318	56.455	ug/l	100
18) Methyl Acetate	4.397	43	44577	51.462	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	215760	50.500	ug/l	96
20) Methylene Chloride	4.635	84	92271	53.222	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	99016	53.286	ug/l	97
22) Diisopropyl ether	6.031	45	317593	53.526	ug/l	99
23) Vinyl Acetate	5.970	43	828675	264.046	ug/l	99
24) 1,1-Dichloroethane	5.927	63	190640	53.368	ug/l	99
25) 2-Butanone	6.902	43	127797	248.329	ug/l	99
26) 2,2-Dichloropropane	6.896	77	172337	51.008	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	114904	52.957	ug/l	99
28) Bromochloromethane	7.256	49	68399	51.275	ug/l	95
29) Tetrahydrofuran	7.274	42	73225	249.414	ug/l	99
30) Chloroform	7.433	83	190633	51.998	ug/l	96
31) Cyclohexane	7.713	56	164700	51.000	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	177773	50.358	ug/l	97
36) 1,1-Dichloropropene	7.847	75	138511	50.426	ug/l	99
37) Ethyl Acetate	6.994	43	51866	47.661	ug/l	98
38) Carbon Tetrachloride	7.829	117	162976	49.713	ug/l	98
39) Methylcyclohexane	9.115	83	175083	51.367	ug/l	98
40) Benzene	8.091	78	412687	50.957	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	34177	55.247	ug/l	93
42) 1,2-Dichloroethane	8.164	62	107753	50.636	ug/l	99
43) Isopropyl Acetate	8.207	43	107171	48.771	ug/l	97
44) Trichloroethene	8.872	130	100851	50.514	ug/l	99
45) 1,2-Dichloropropane	9.146	63	95565	50.426	ug/l	97
46) Dibromomethane	9.237	93	47313	50.422	ug/l	99
47) Bromodichloromethane	9.432	83	139401	50.424	ug/l	98
48) Methyl methacrylate	9.225	41	50876	49.650	ug/l	96
49) 1,4-Dioxane	9.237	88	9041	1008.015	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	258475	238.183	ug/l	99
52) Toluene	10.176	92	259057	51.269	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	124805	50.285	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	148977	50.789	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	61703	49.295	ug/l	96
56) Ethyl methacrylate	10.444	69	88061	49.722	ug/l	97
57) 1,3-Dichloropropane	10.725	76	112283	50.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	180717	217.933	ug/l	98
59) 2-Hexanone	10.768	43	183416	234.287	ug/l	97
60) Dibromochloromethane	10.920	129	84996	48.773	ug/l	99
61) 1,2-Dibromoethane	11.018	107	56009	48.931	ug/l	99
64) Tetrachloroethene	10.652	164	89033	48.736	ug/l	97
65) Chlorobenzene	11.450	112	266272	49.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	93191	48.490	ug/l	97
67) Ethyl Benzene	11.524	91	501288	49.350	ug/l	100
68) m/p-Xylenes	11.633	106	366976	98.662	ug/l	99
69) o-Xylene	11.962	106	172071	49.380	ug/l	98
70) Styrene	11.975	104	289206	49.747	ug/l	99
71) Bromoform	12.139	173	46902	48.000	ug/l #	100
73) Isopropylbenzene	12.261	105	472313	45.603	ug/l	99
74) N-amyl acetate	12.078	43	91256	44.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	65179	43.761	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	89207	81.807	ug/l #	100
77) Bromobenzene	12.542	156	97607	45.507	ug/l	97
78) n-propylbenzene	12.603	91	564073	45.999	ug/l	99
79) 2-Chlorotoluene	12.688	91	317543	45.891	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	379824	45.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	22736	42.781	ug/l	97
82) 4-Chlorotoluene	12.785	91	323728	45.846	ug/l	99
83) tert-Butylbenzene	13.005	119	345682	46.066	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	374353	46.404	ug/l	100
85) sec-Butylbenzene	13.182	105	495865	46.109	ug/l	100
86) p-Isopropyltoluene	13.298	119	410569	46.200	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	191780	46.363	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	183709	45.366	ug/l	99
89) n-Butylbenzene	13.627	91	385401	46.759	ug/l	99
90) Hexachloroethane	13.889	117	79474	45.888	ug/l	95
91) 1,2-Dichlorobenzene	13.669	146	163143	46.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9945	44.105	ug/l	96
93) 1,2,4-Trichlorobenzene	14.931	180	94587	47.952	ug/l	100
94) Hexachlorobutadiene	15.035	225	64986	47.094	ug/l	99
95) Naphthalene	15.157	128	149984	46.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	76017	47.761	ug/l	98

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

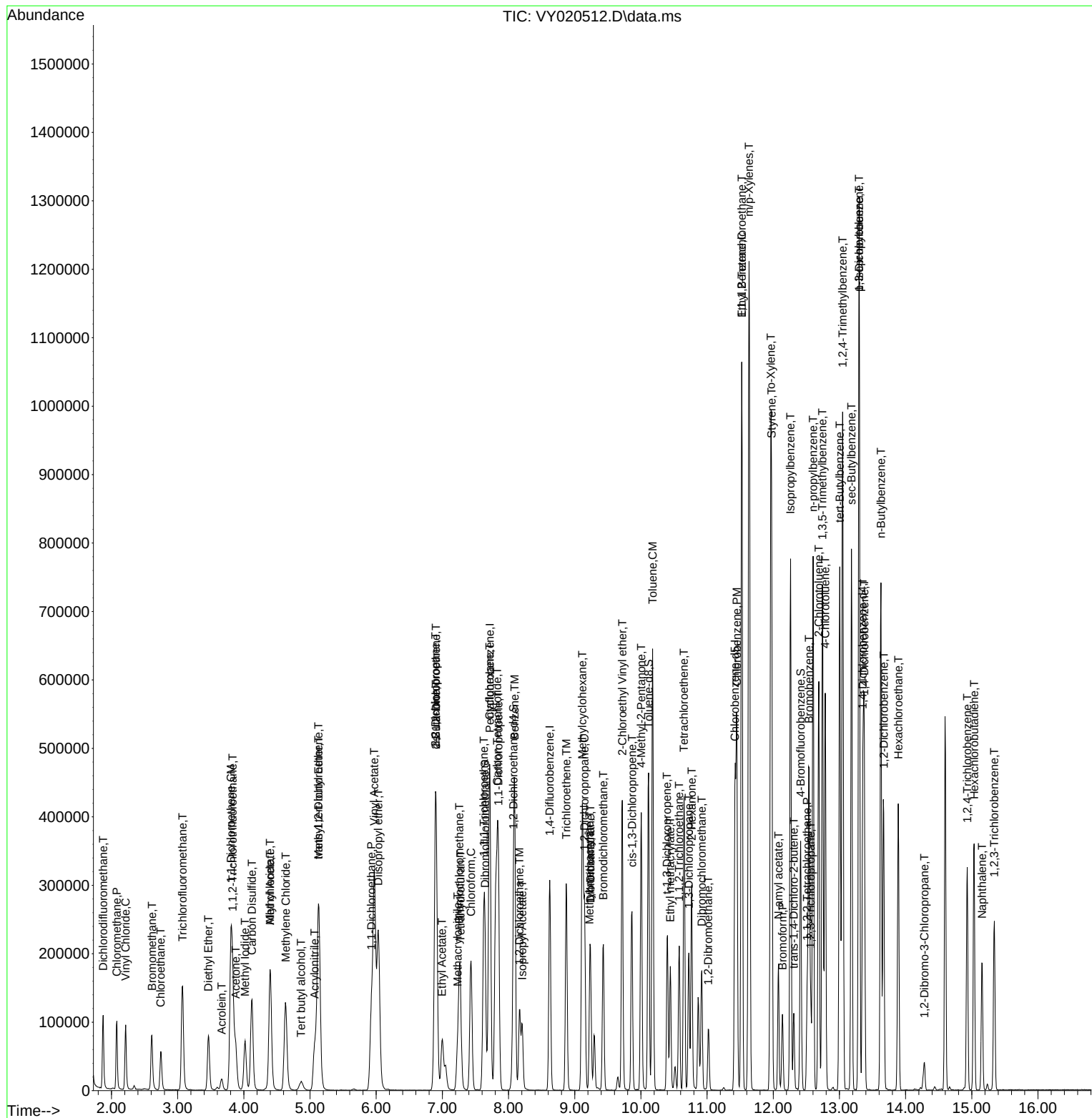
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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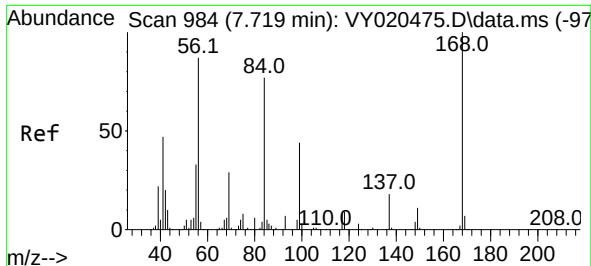
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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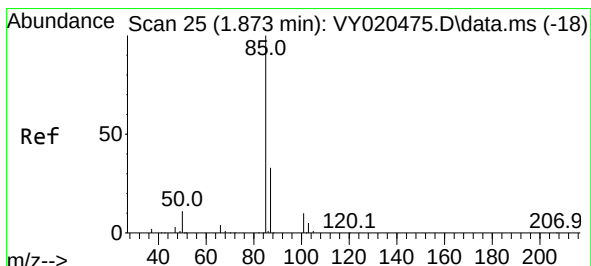
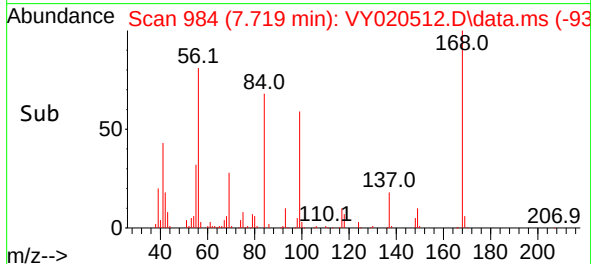
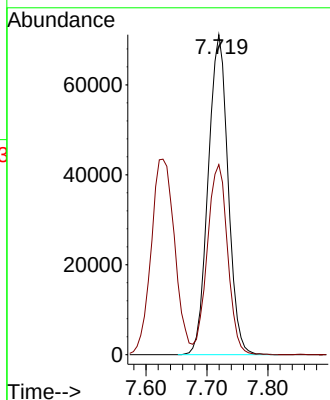
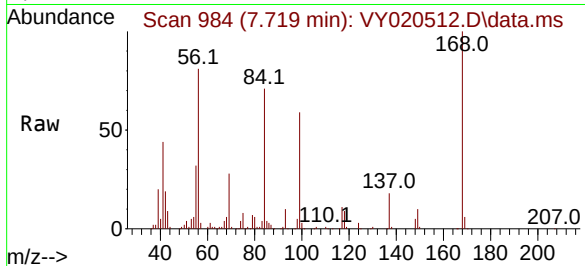




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020512.D
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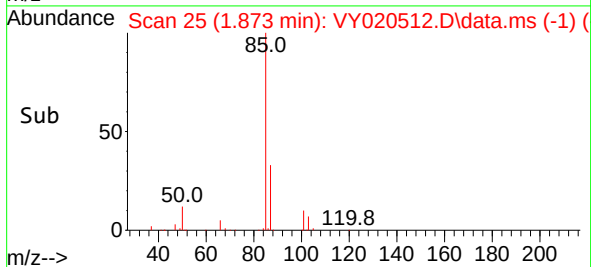
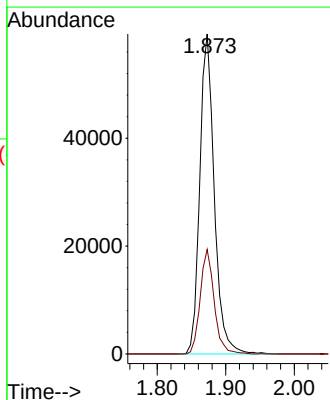
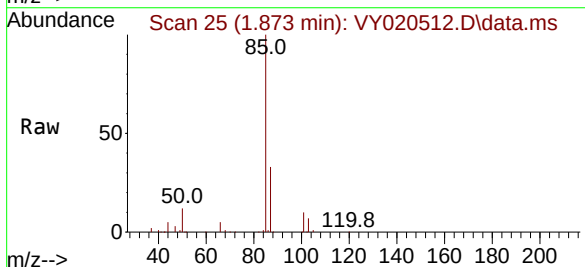
Instrument :
MSVOA_Y
ClientSampleId :

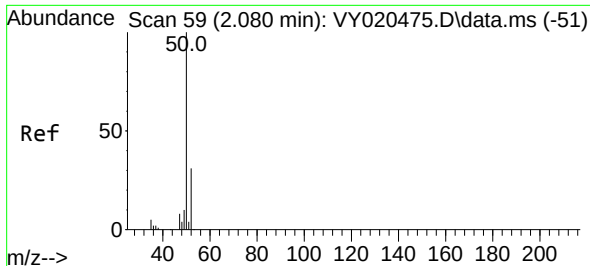
Tgt Ion:168 Resp: 161163
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 55.652 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

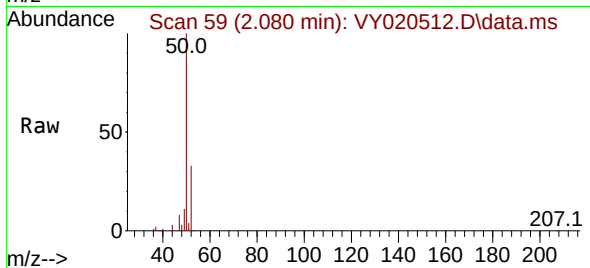
Tgt Ion: 85 Resp: 87488
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2



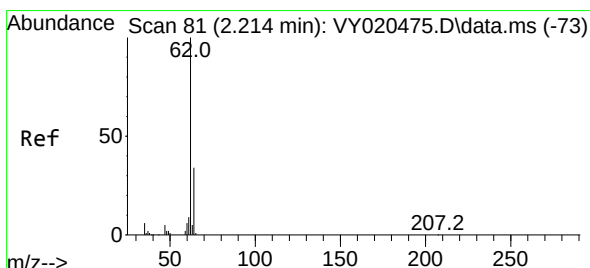
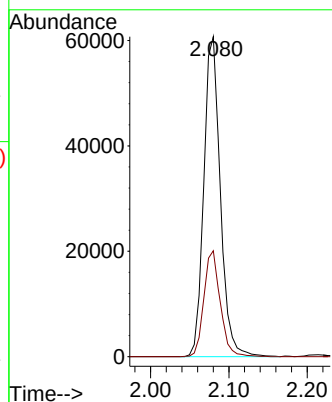
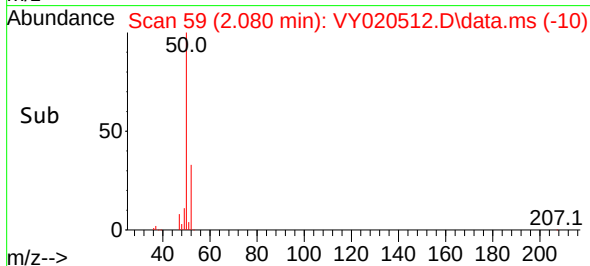


#3
Chloromethane
Concen: 55.864 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

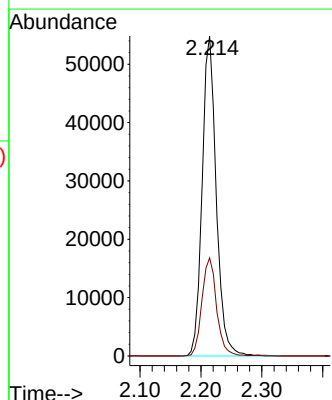
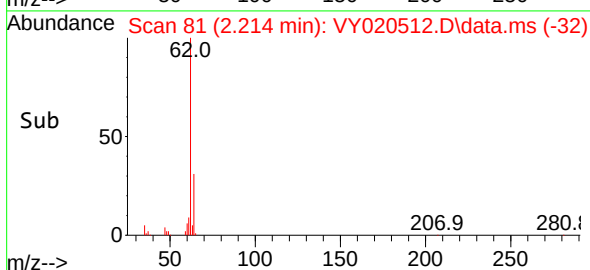
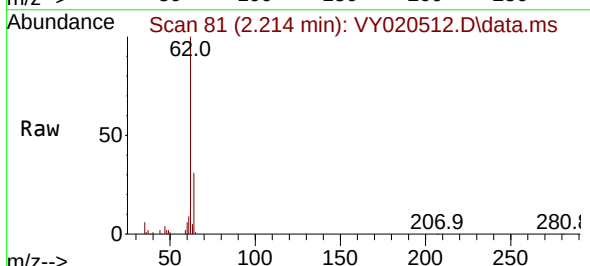


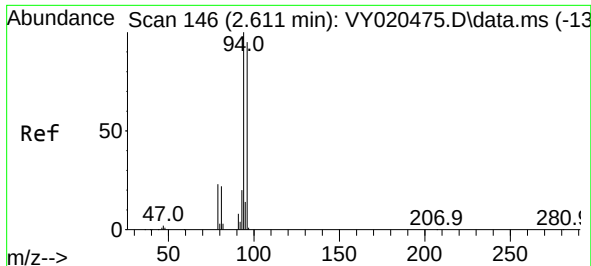
Tgt Ion: 50 Resp: 88919
Ion Ratio Lower Upper
50 100
52 33.1 26.9 40.3



#4
Vinyl Chloride
Concen: 54.353 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 62 Resp: 88208
Ion Ratio Lower Upper
62 100
64 30.6 24.7 37.1

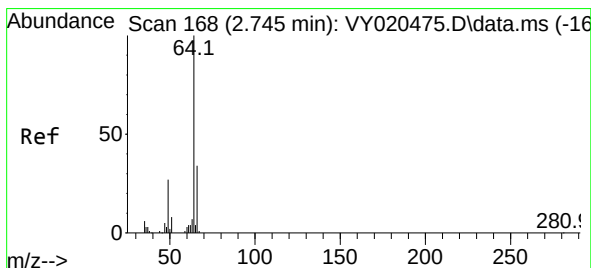
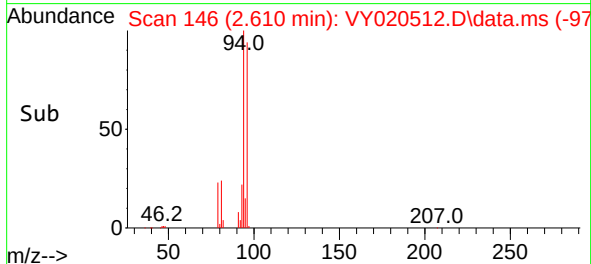
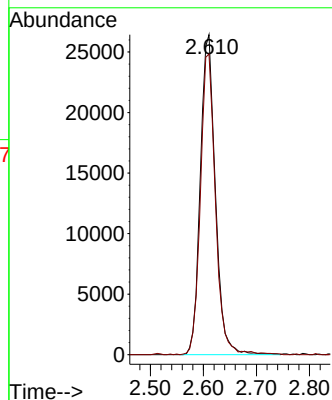
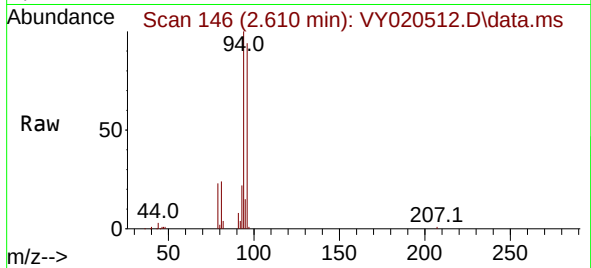




#5
Bromomethane
Concen: 54.814 ug/l
RT: 2.610 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

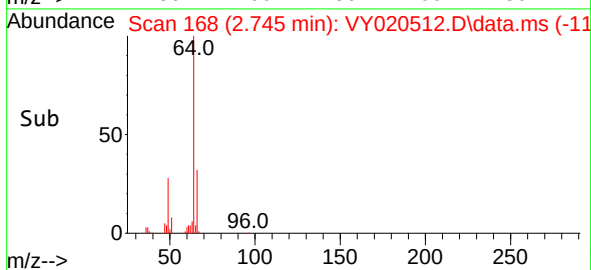
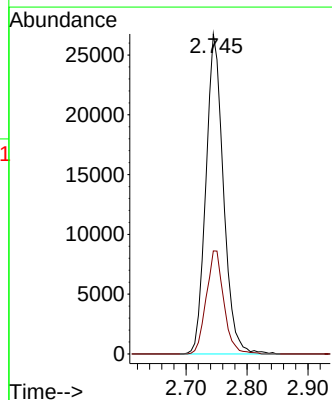
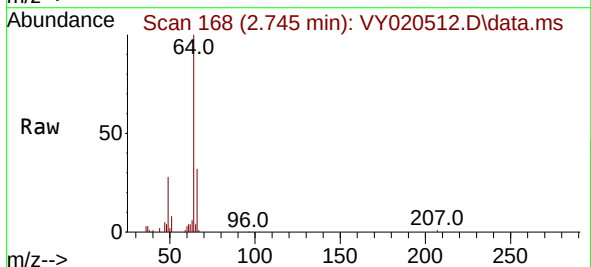
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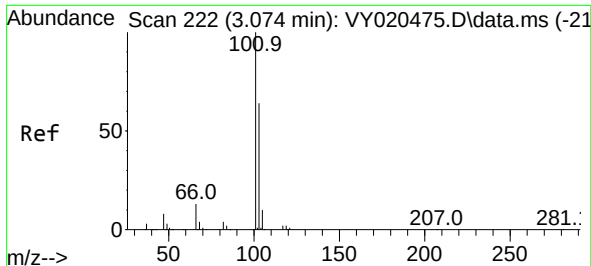
Tgt Ion: 94 Resp: 52194
Ion Ratio Lower Upper
94 100
96 93.9 75.4 113.2



#6
Chloroethane
Concen: 53.790 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 64 Resp: 53503
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

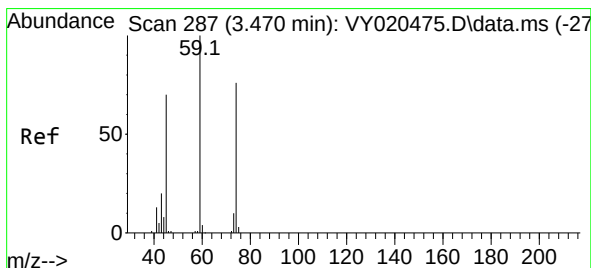
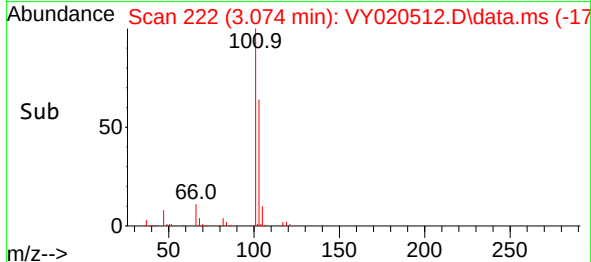
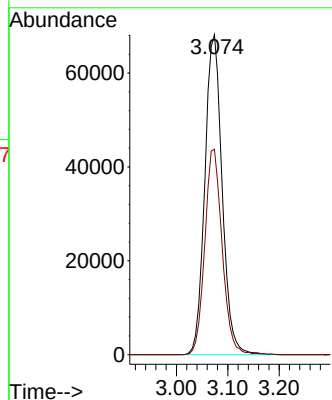
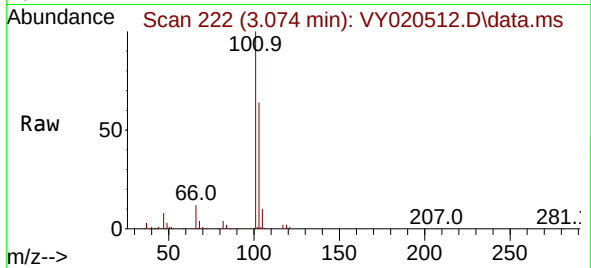




#7
 Trichlorofluoromethane
 Concen: 52.464 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

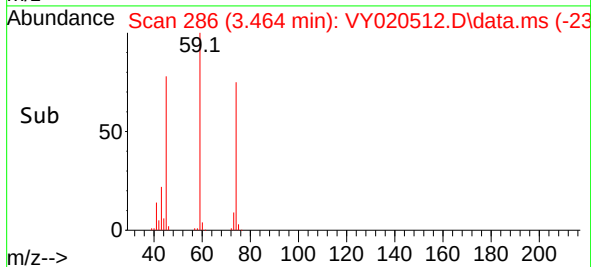
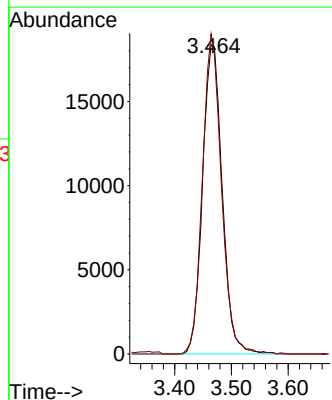
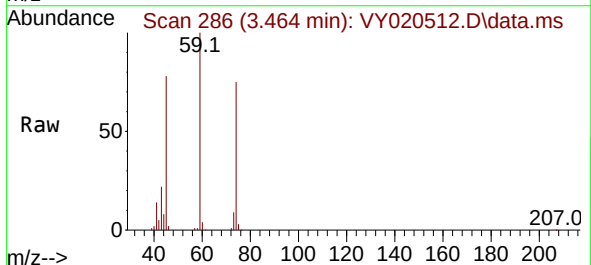
Instrument :
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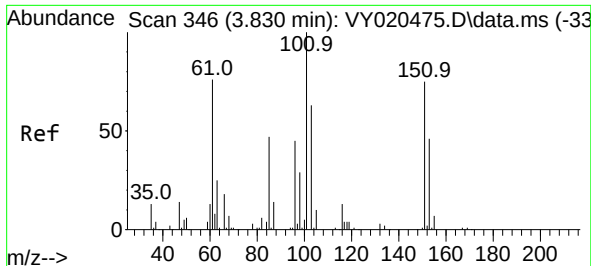
Tgt Ion:101 Resp: 159463
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.431 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.006 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

Tgt Ion: 74 Resp: 44292
 Ion Ratio Lower Upper
 74 100
 45 99.7 53.6 160.8

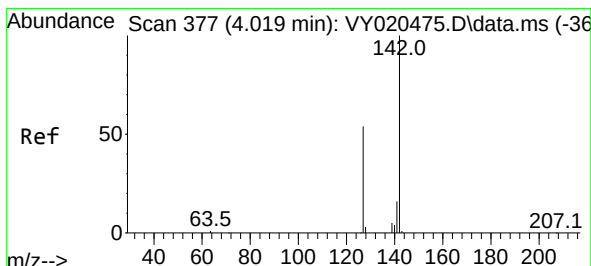
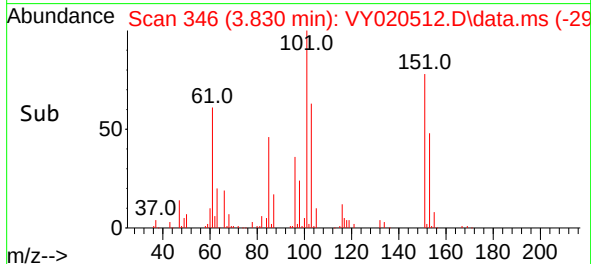
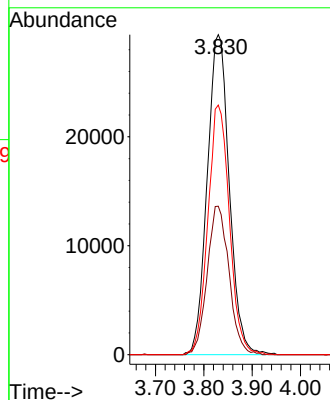
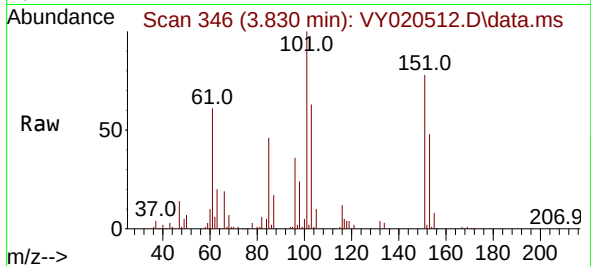




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.544 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

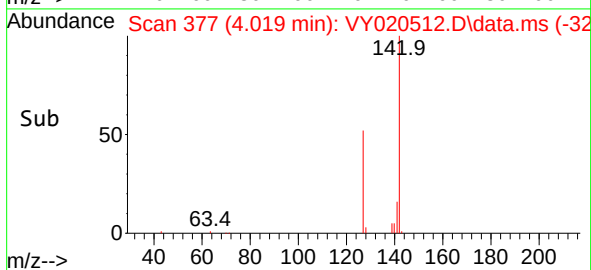
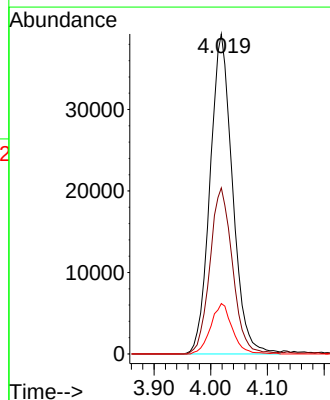
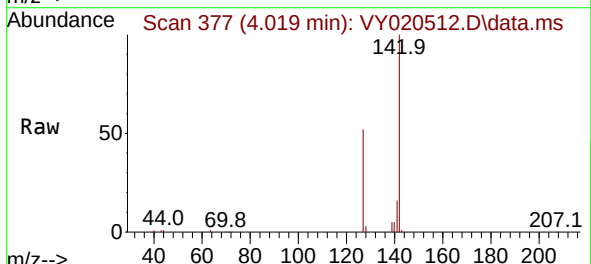
Instrument :
MSVOA_Y
ClientSampleId :

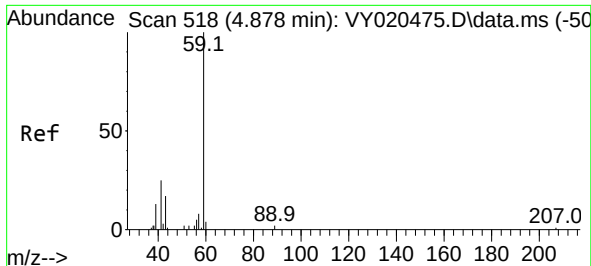
Tgt Ion:101 Resp: 93056
Ion Ratio Lower Upper
101 100
85 45.9 38.0 57.0
151 76.2 59.6 89.4



#10
Methyl Iodide
Concen: 54.348 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion:142 Resp: 108051
Ion Ratio Lower Upper
142 100
127 52.2 38.9 58.3
141 15.2 11.7 17.5

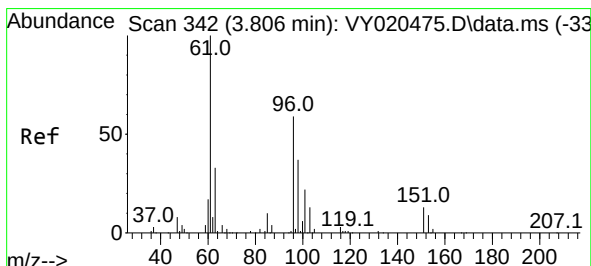
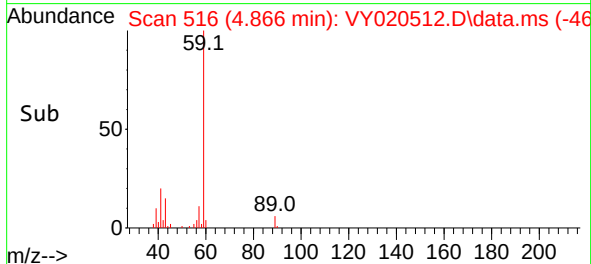
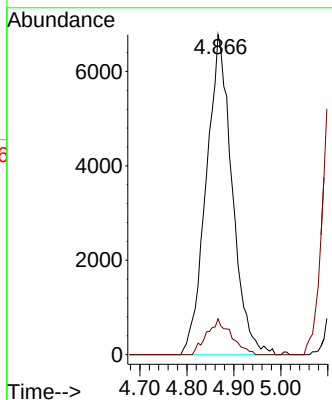
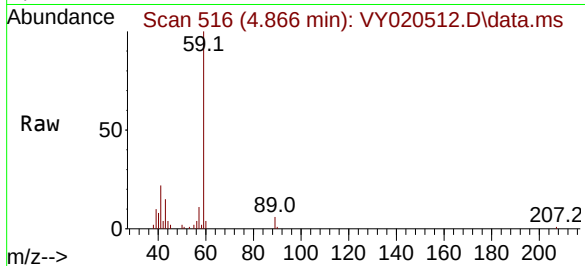




#11
Tert butyl alcohol
Concen: 244.507 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

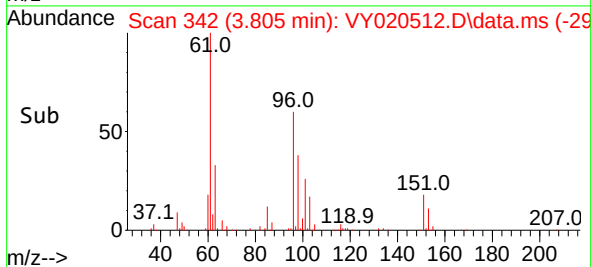
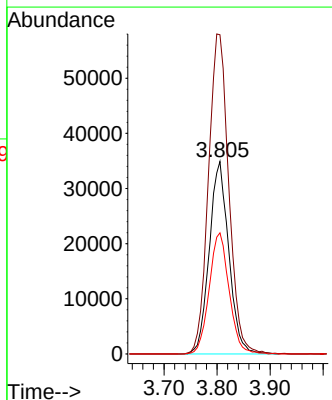
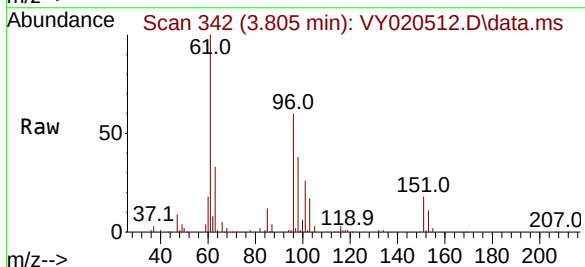
Instrument :
MSVOA_Y
ClientSampleId :

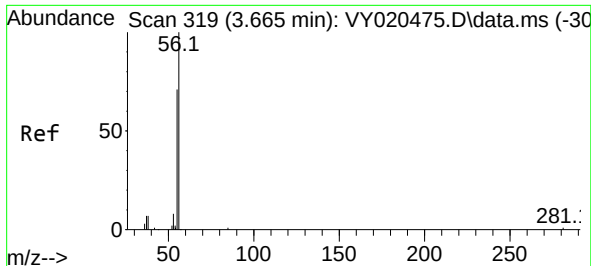
Tgt Ion: 59 Resp: 25997
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.317 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

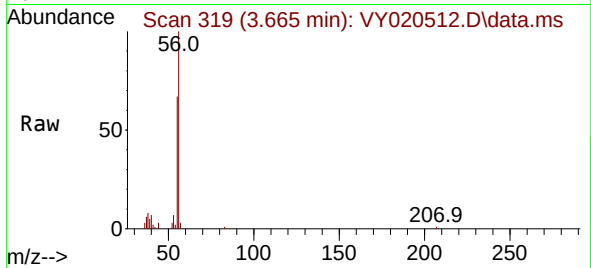
Tgt Ion: 96 Resp: 89198
Ion Ratio Lower Upper
96 100
61 165.8 143.3 214.9
98 62.9 49.8 74.8



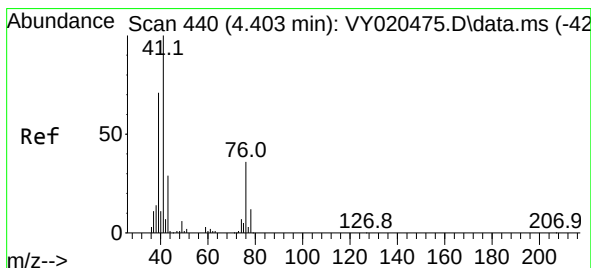
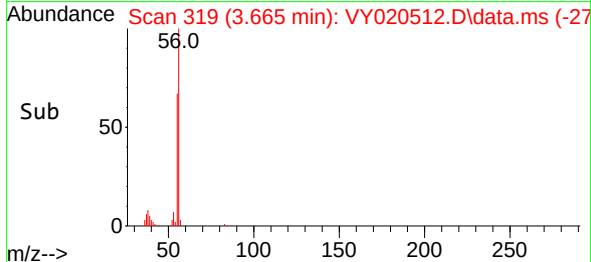
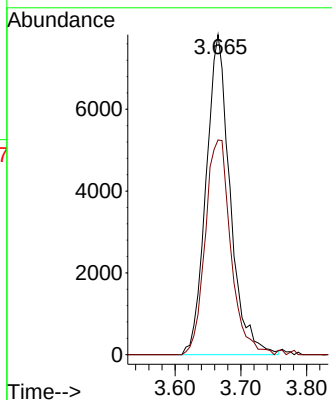


#13
Acrolein
Concen: 199.371 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

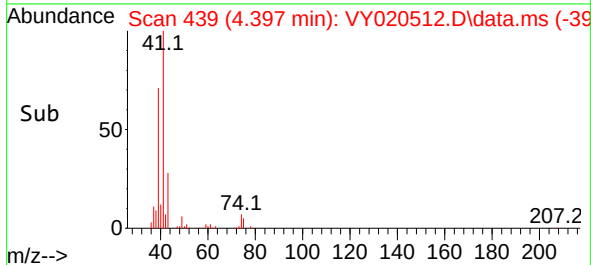
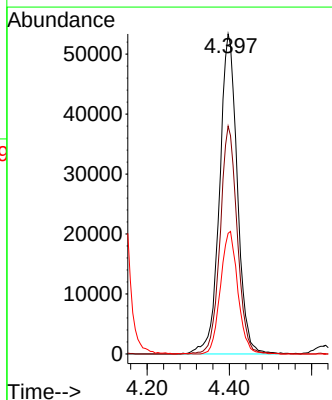
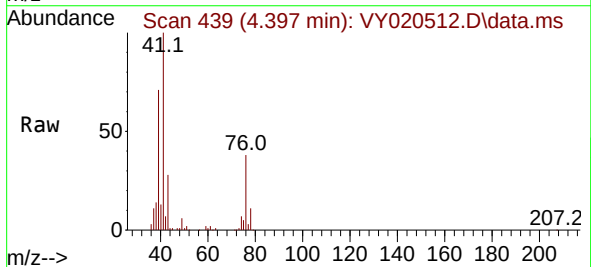


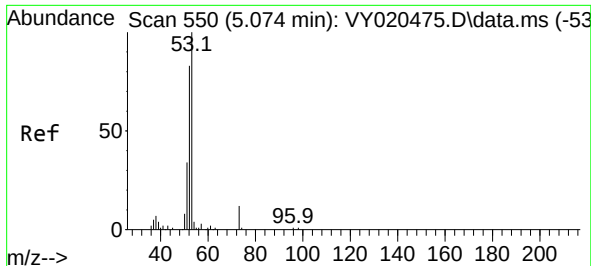
Tgt Ion: 56 Resp: 19847
Ion Ratio Lower Upper
56 100
55 71.5 57.7 86.5



#14
Allyl chloride
Concen: 53.619 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 41 Resp: 159990
Ion Ratio Lower Upper
41 100
39 68.6 58.8 88.2
76 37.4 29.7 44.5

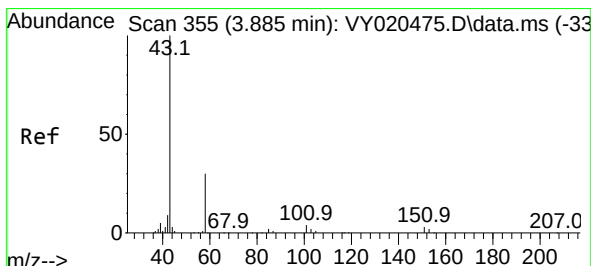
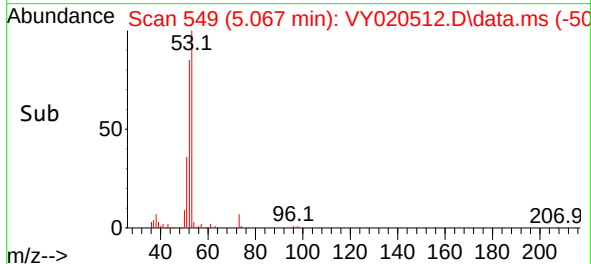
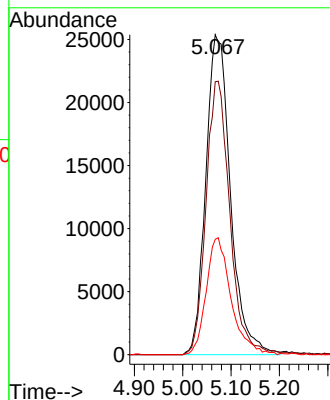
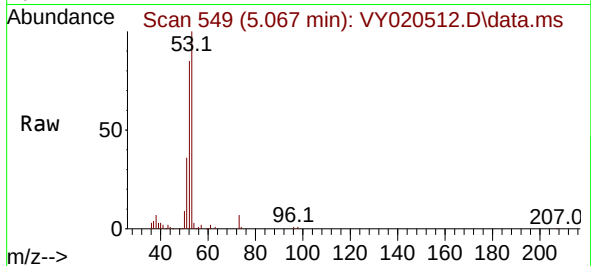




#15
Acrylonitrile
Concen: 251.323 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

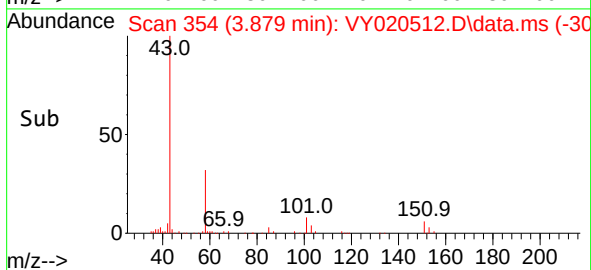
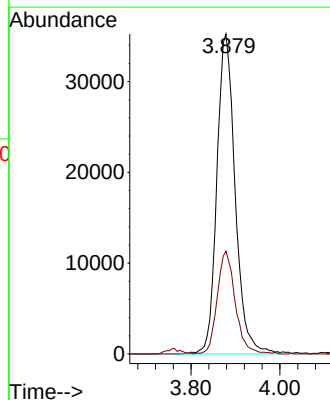
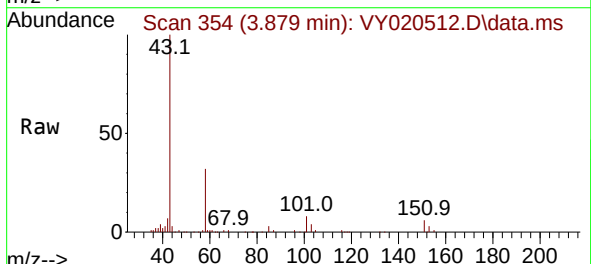
Instrument :
MSVOA_Y
ClientSampleId :

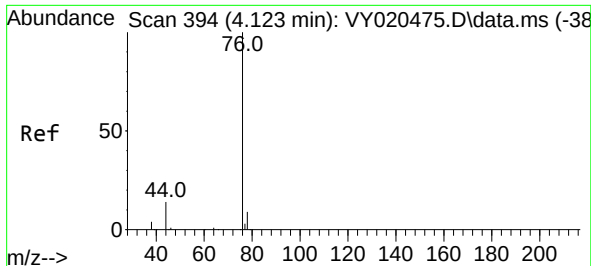
Tgt Ion: 53 Resp: 90181
Ion Ratio Lower Upper
53 100
52 82.6 65.2 97.8
51 36.8 30.2 45.4



#16
Acetone
Concen: 246.648 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 43 Resp: 100521
Ion Ratio Lower Upper
43 100
58 32.2 25.7 38.5

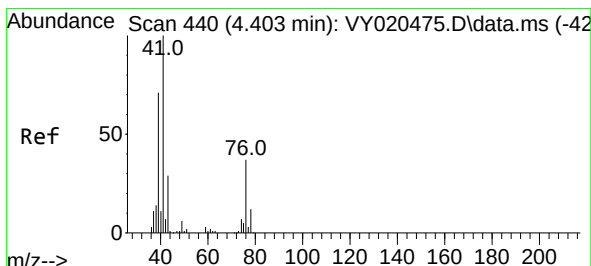
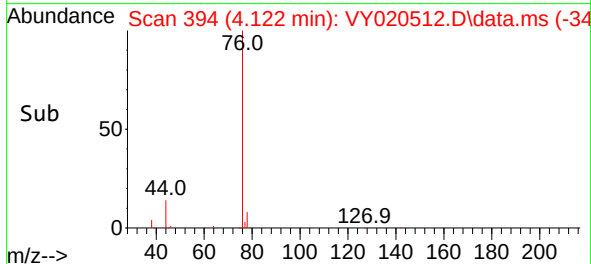
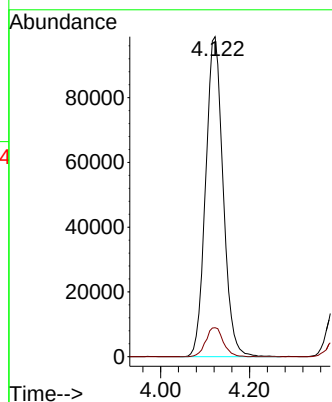
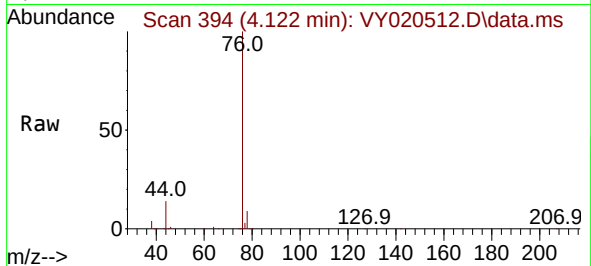




#17
Carbon Disulfide
Concen: 56.455 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

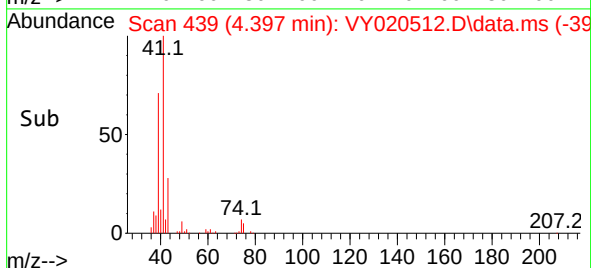
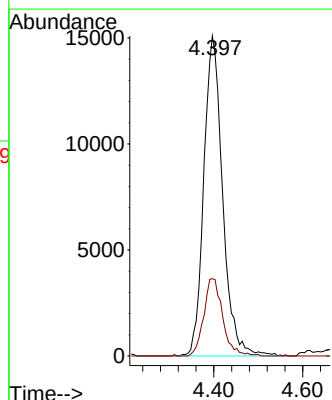
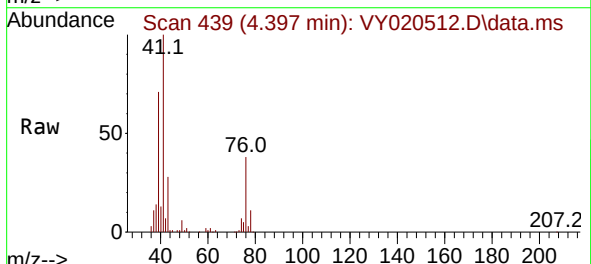
Instrument :
MSVOA_Y
ClientSampleId :

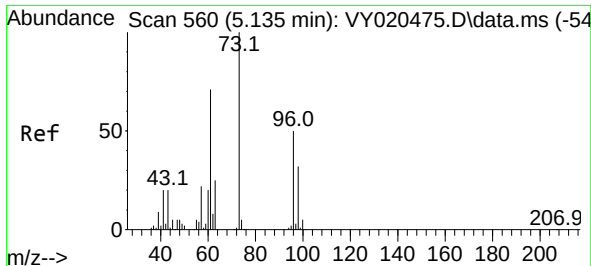
Tgt Ion: 76 Resp: 270318
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 51.462 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 43 Resp: 44577
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 50.500 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.006 min

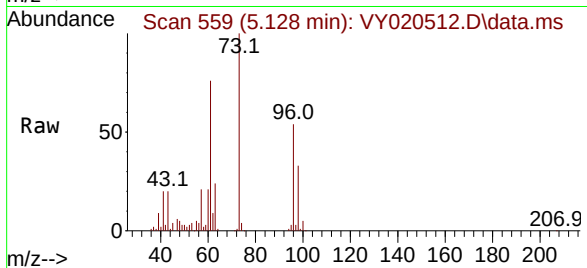
Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

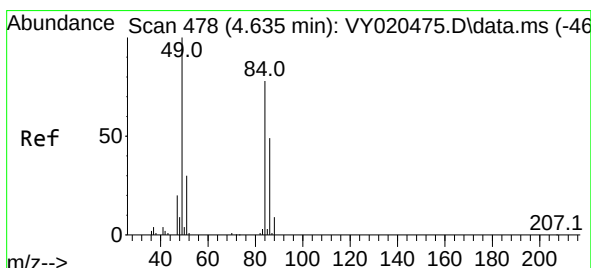
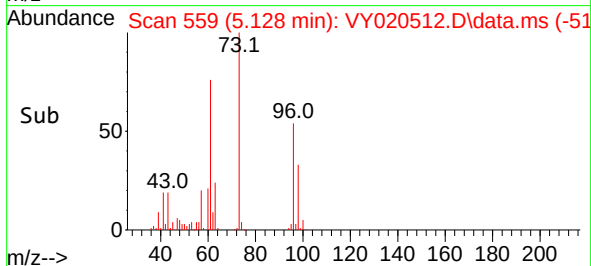
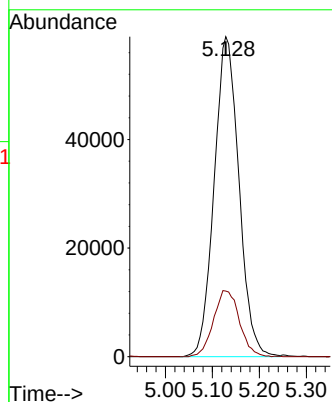


Tgt Ion: 73 Resp: 215760

Ion Ratio Lower Upper

73 100

57 20.5 18.0 27.0



#20

Methylene Chloride

Concen: 53.222 ug/l

RT: 4.635 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Tgt Ion: 84 Resp: 92271

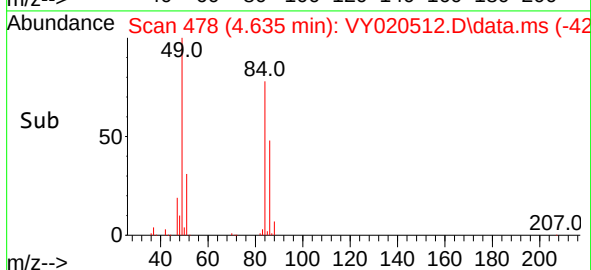
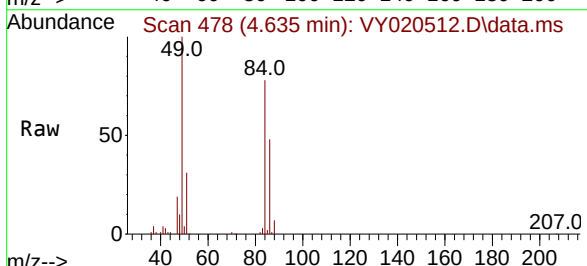
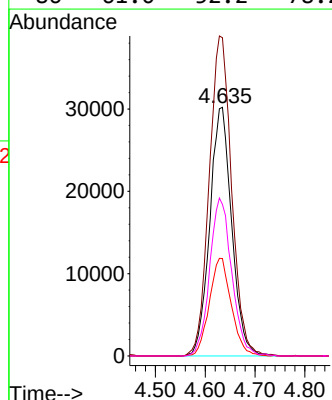
Ion Ratio Lower Upper

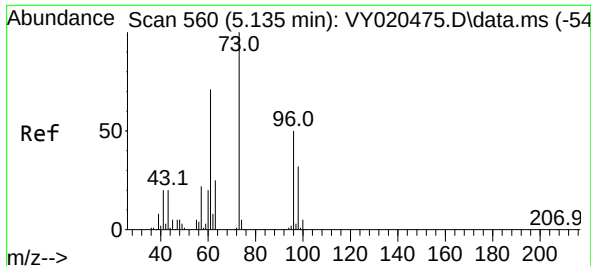
84 100

49 128.0 104.7 157.1

51 39.2 33.4 50.0

86 61.0 52.2 78.2

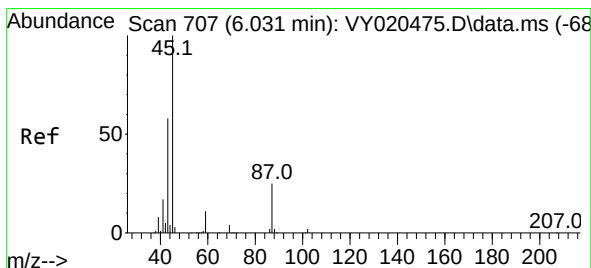
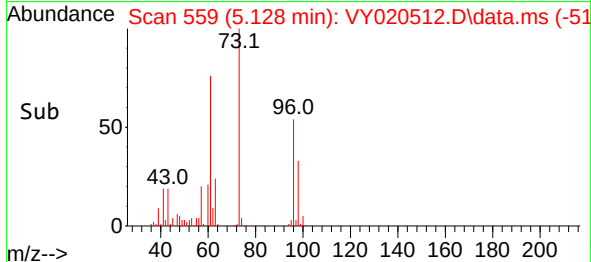
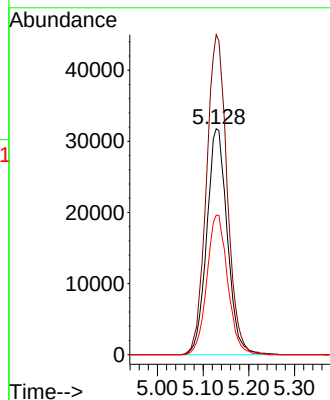
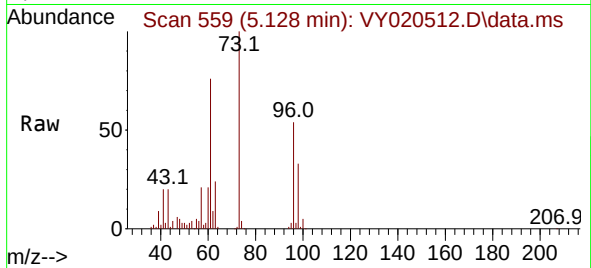




#21
trans-1,2-Dichloroethene
Concen: 53.286 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

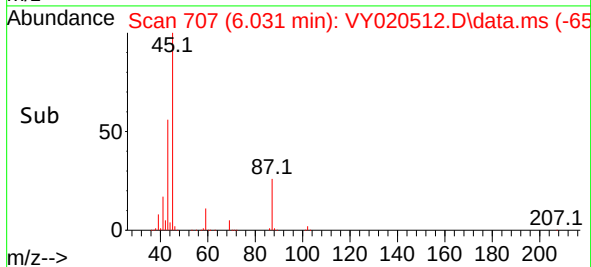
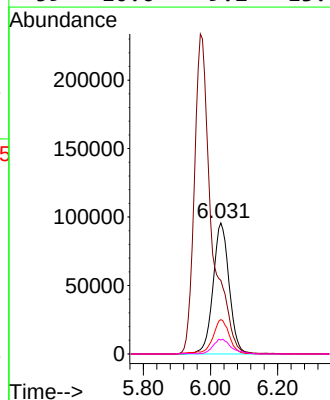
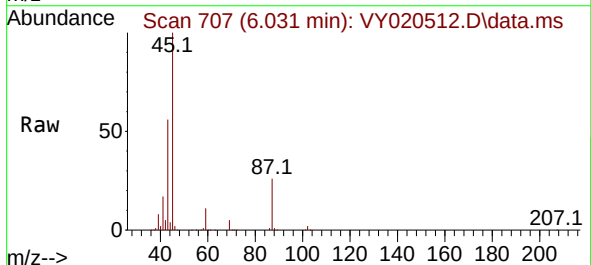
Instrument :
MSVOA_Y
ClientSampleId :

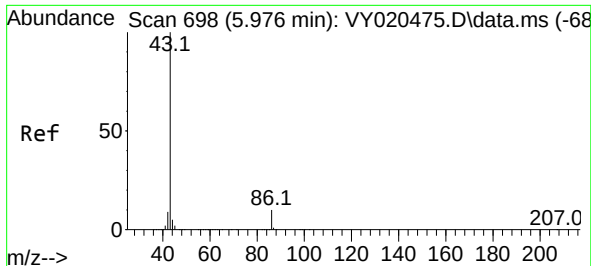
Tgt Ion: 96 Resp: 99016
Ion Ratio Lower Upper
96 100
61 141.6 111.6 167.4
98 61.8 46.7 70.1



#22
Diisopropyl ether
Concen: 53.526 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 45 Resp: 317593
Ion Ratio Lower Upper
45 100
43 56.1 44.8 67.2
87 26.2 20.6 30.8
59 10.6 9.2 13.8

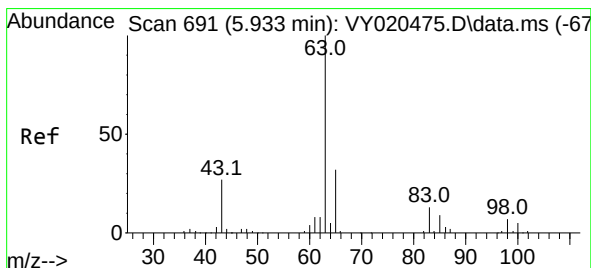
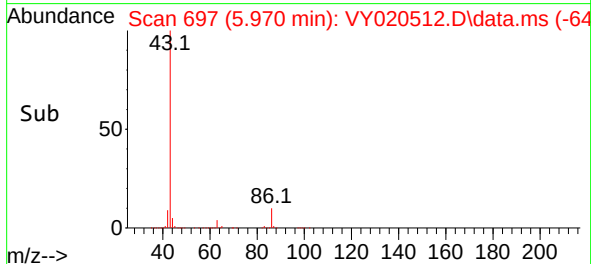
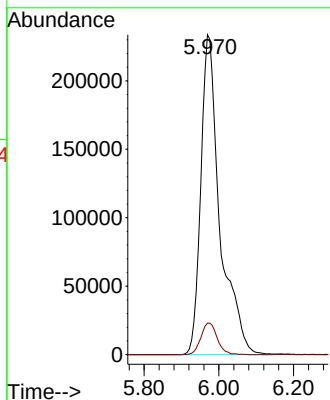
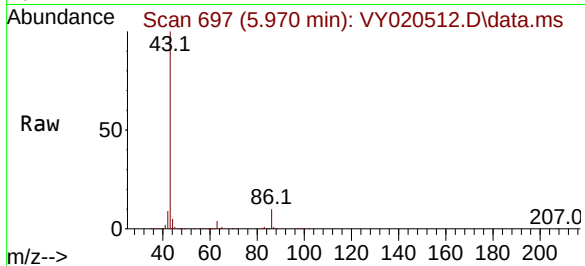




#23
 Vinyl Acetate
 Concen: 264.046 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

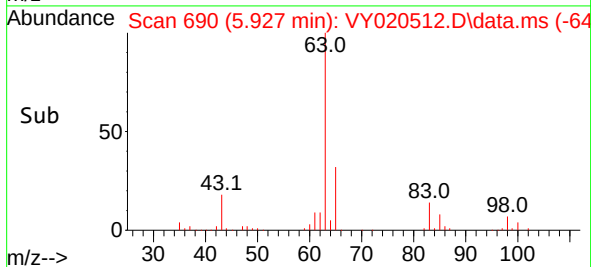
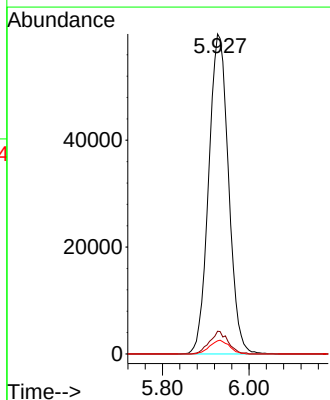
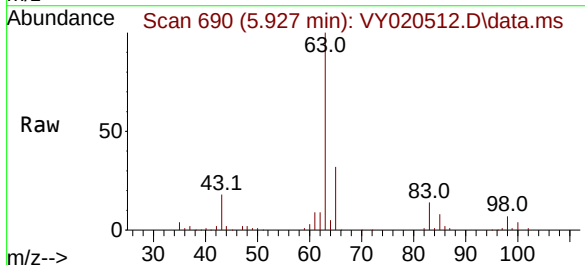
Instrument :
 MSVOA_Y
 ClientSampleId :

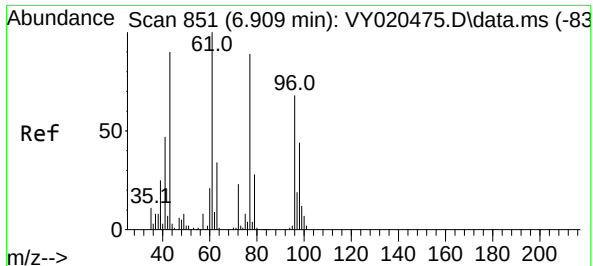
Tgt Ion: 43 Resp: 828675
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 53.368 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

Tgt Ion: 63 Resp: 190640
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.1 2.0 5.8

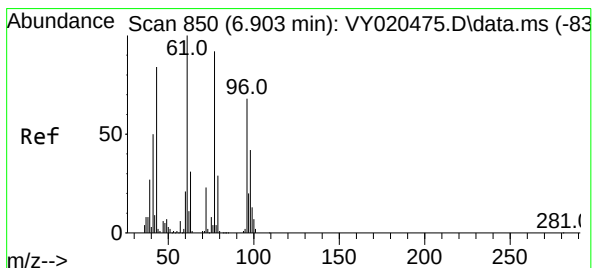
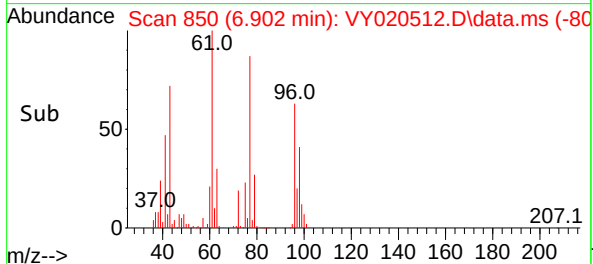
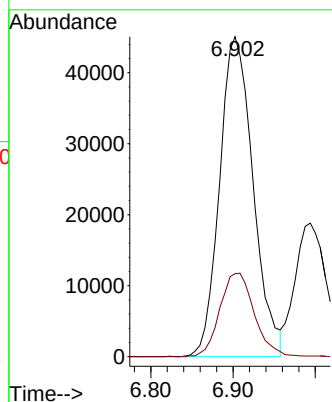
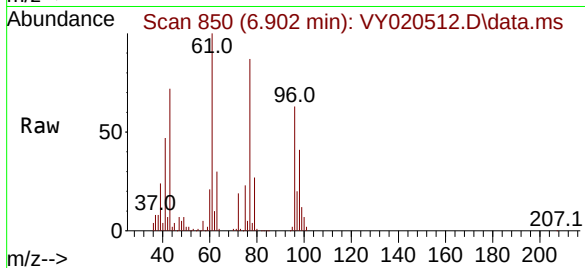




#25
2-Butanone
Concen: 248.329 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

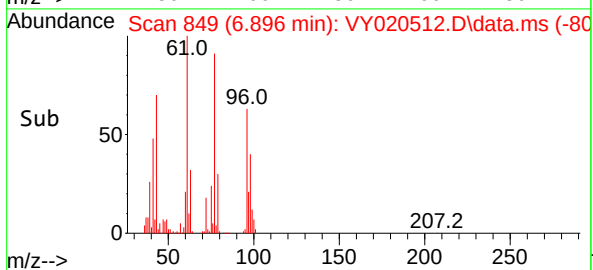
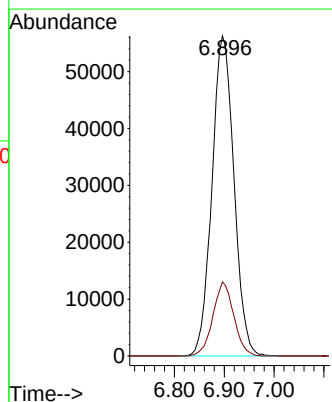
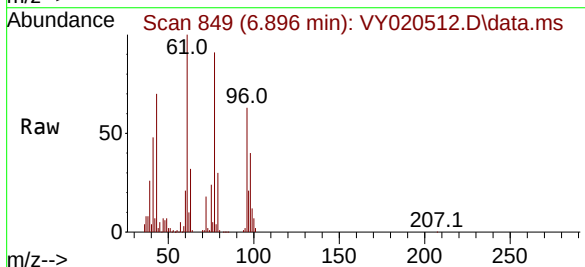
Instrument :
MSVOA_Y
ClientSampleId :

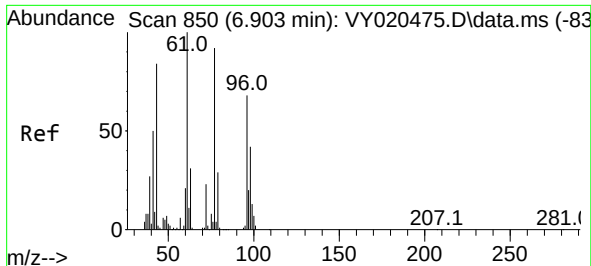
Tgt Ion: 43 Resp: 127797
Ion Ratio Lower Upper
43 100
72 26.0 20.4 30.6



#26
2,2-Dichloropropane
Concen: 51.008 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

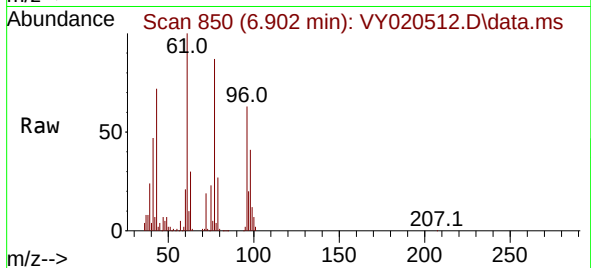
Tgt Ion: 77 Resp: 172337
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





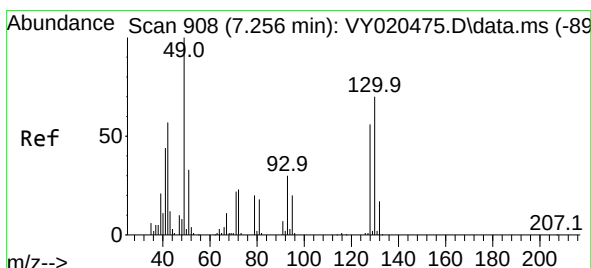
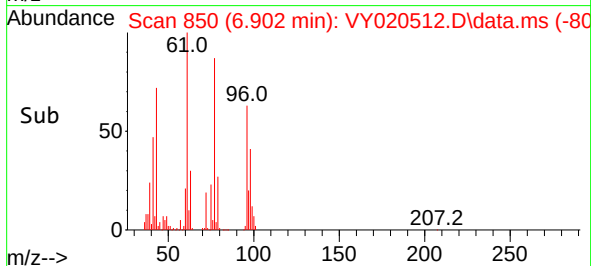
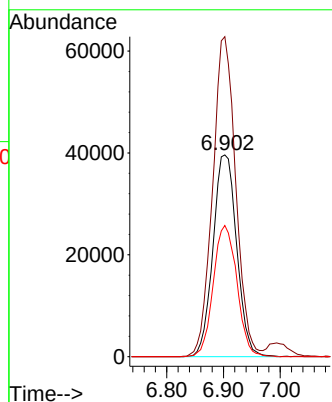
#27
 cis-1,2-Dichloroethene
 Concen: 52.957 ug/l
 RT: 6.902 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 114904

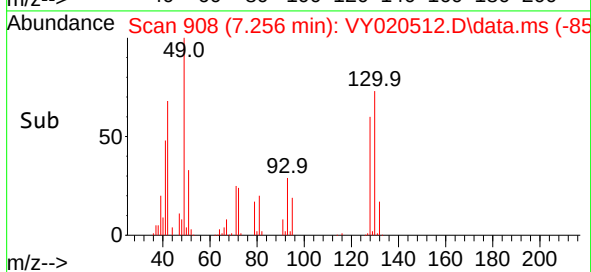
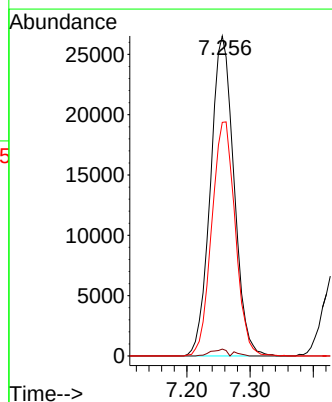
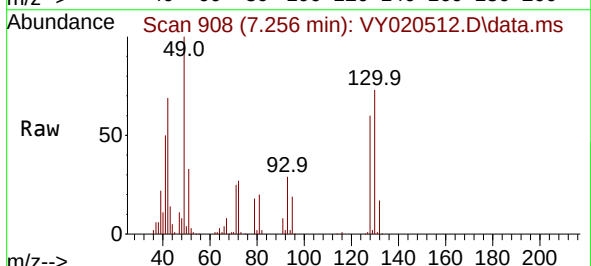
Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	312.4
98	64.8	0.0	126.8

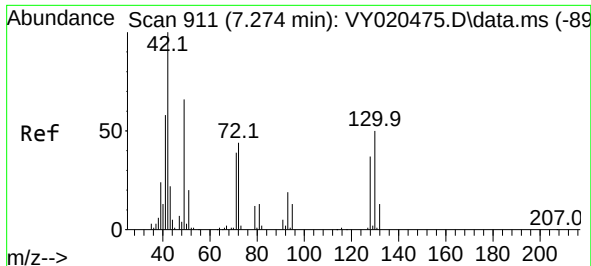


#28
 Bromochloromethane
 Concen: 51.275 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY020512.D
 Acq: 04 Dec 2024 15:25

Tgt Ion: 49 Resp: 68399

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	73.1	55.0	82.6





#29

Tetrahydrofuran

Concen: 249.414 ug/l

RT: 7.274 min Scan# 911

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

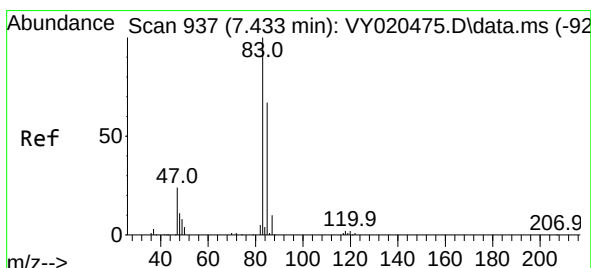
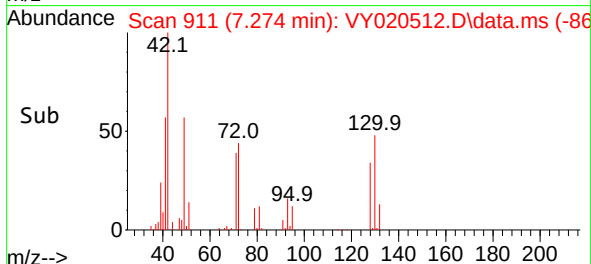
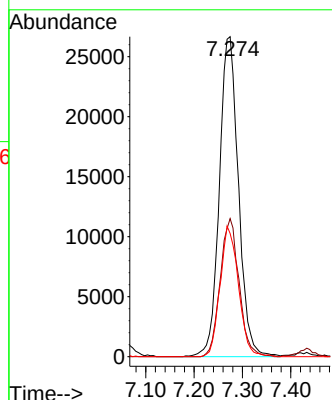
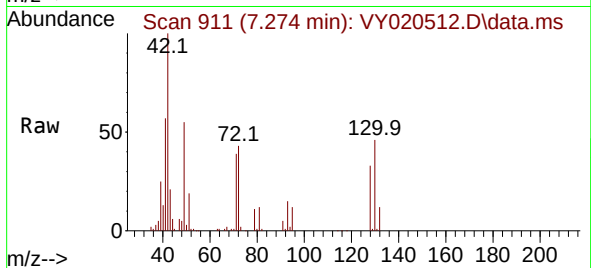
Tgt Ion: 42 Resp: 73225

Ion Ratio Lower Upper

42 100

72 42.6 33.4 50.0

71 39.3 31.9 47.9



#30

Chloroform

Concen: 51.998 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY020512.D

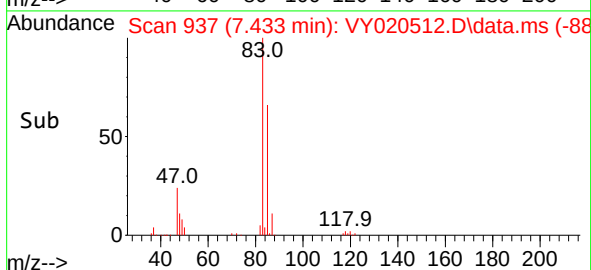
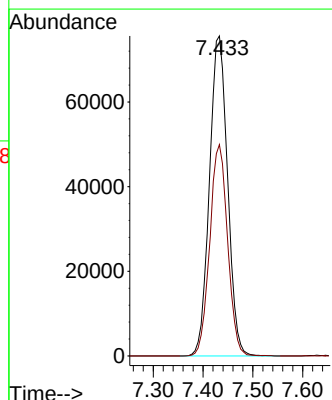
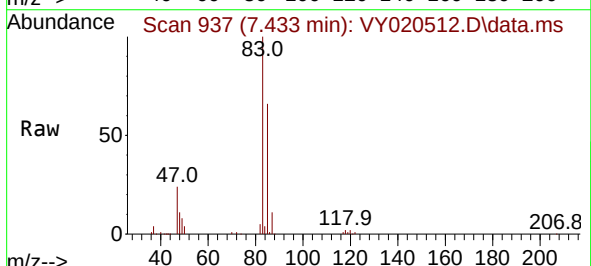
Acq: 04 Dec 2024 15:25

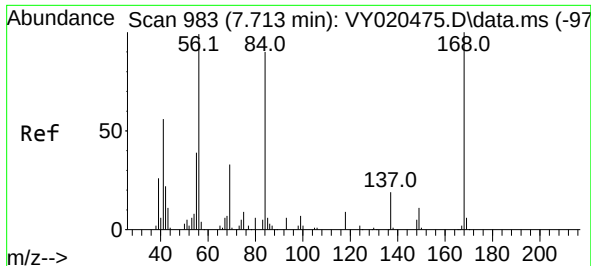
Tgt Ion: 83 Resp: 190633

Ion Ratio Lower Upper

83 100

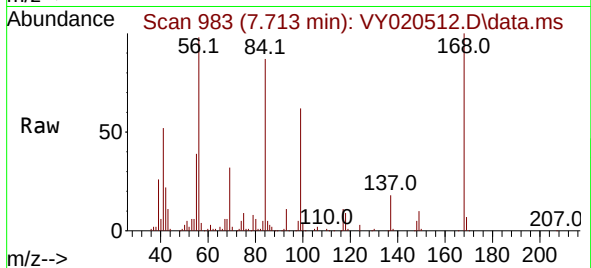
85 66.1 50.3 75.5



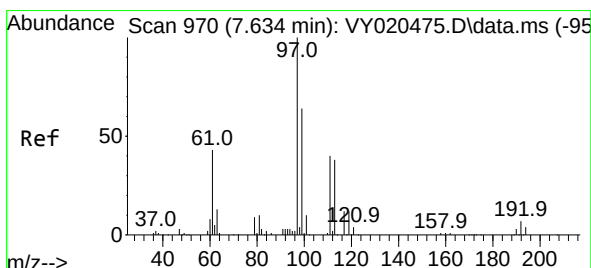
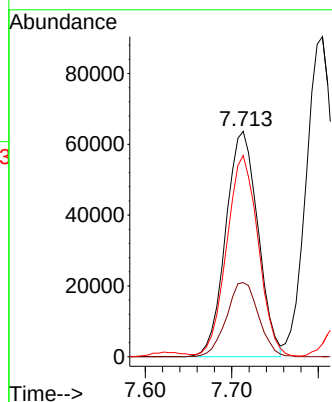
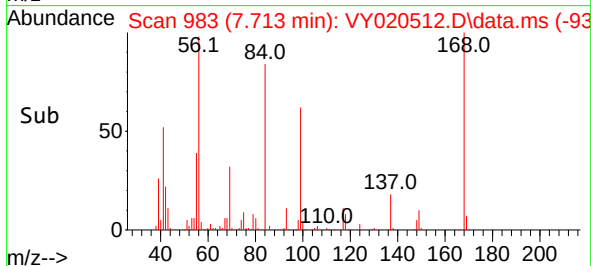


#31
Cyclohexane
Concen: 51.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

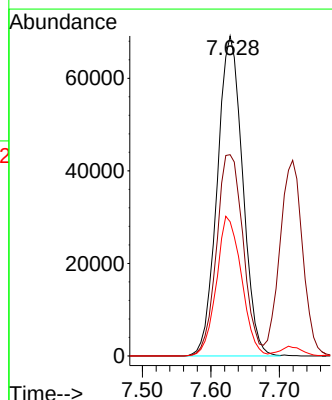
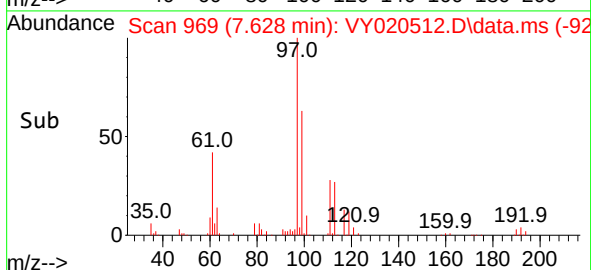
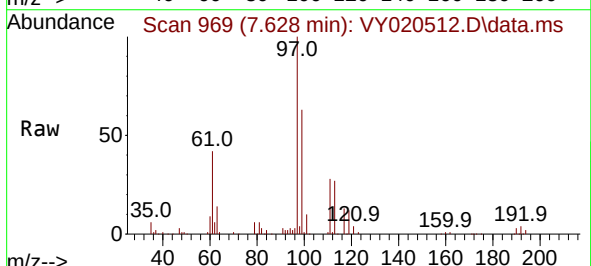


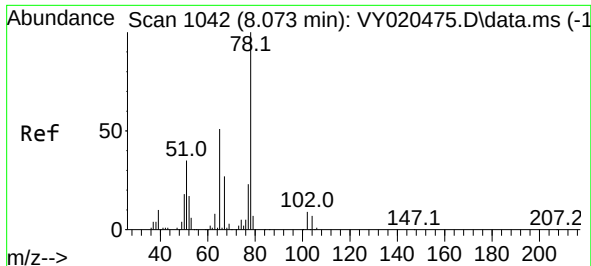
Tgt Ion: 56 Resp: 164700
Ion Ratio Lower Upper
56 100
69 32.9 25.3 37.9
84 87.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 50.358 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 97 Resp: 177773
Ion Ratio Lower Upper
97 100
99 66.0 51.8 77.6
61 43.1 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 48.445 ug/l

RT: 8.073 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

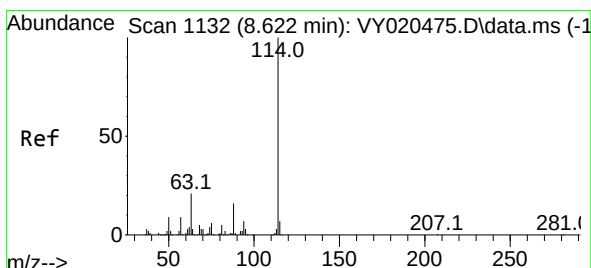
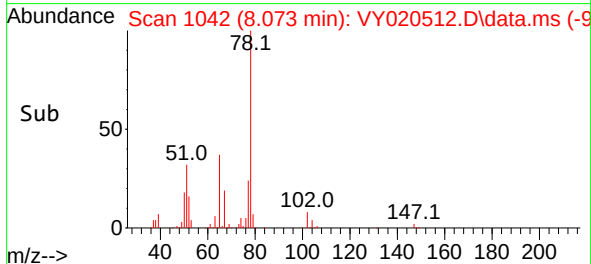
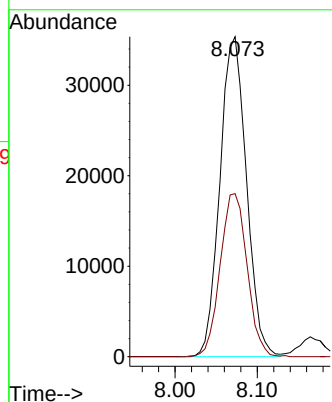
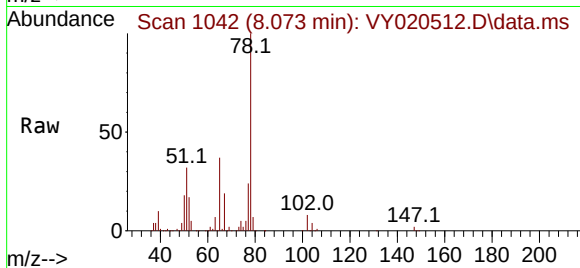
ClientSampleId :

Tgt Ion: 65 Resp: 79404

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

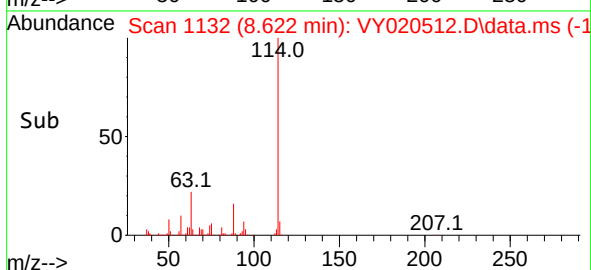
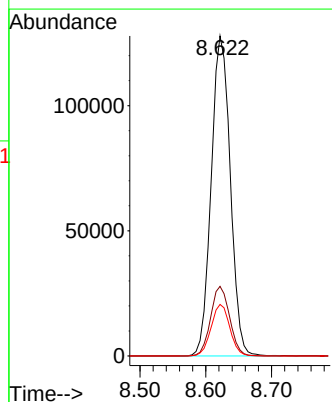
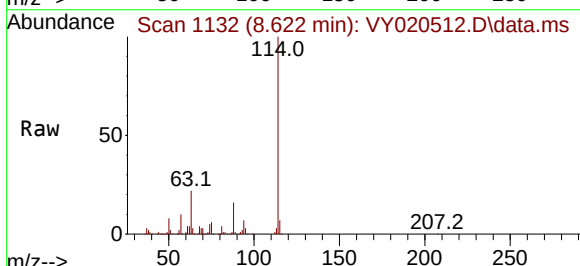
Tgt Ion: 114 Resp: 258371

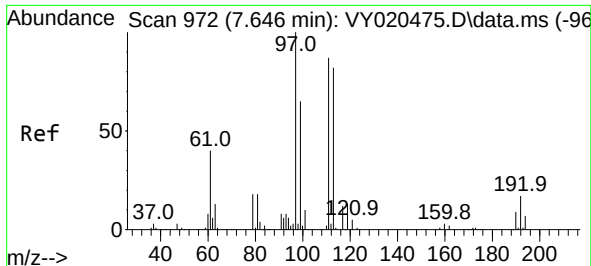
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.8

88 16.1 0.0 32.0

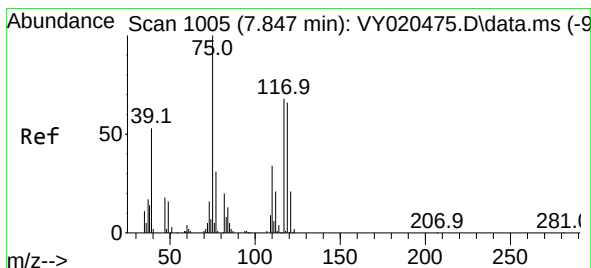
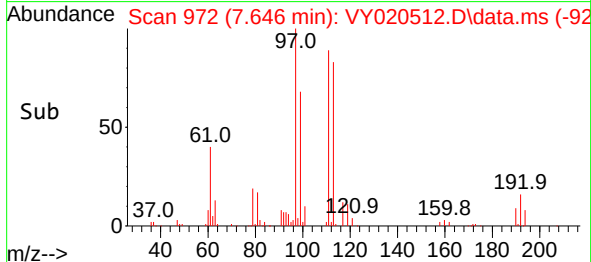
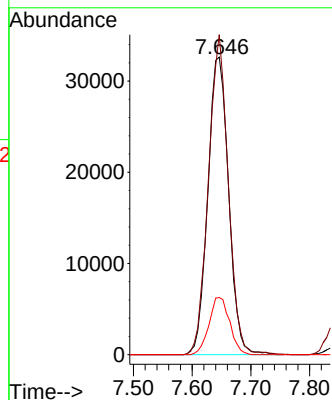
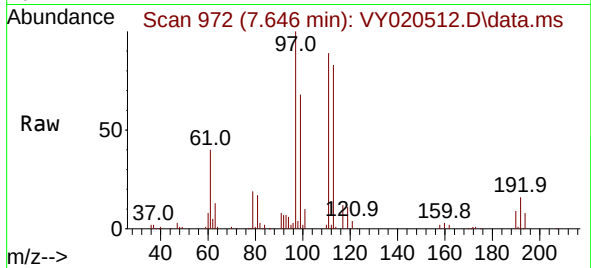




#35
Dibromofluoromethane
Concen: 49.355 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

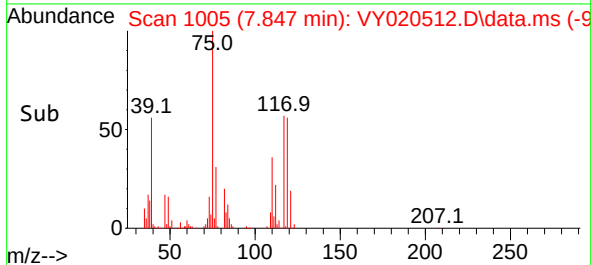
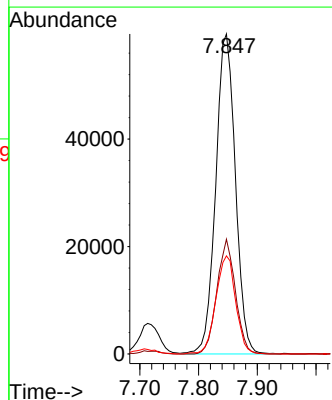
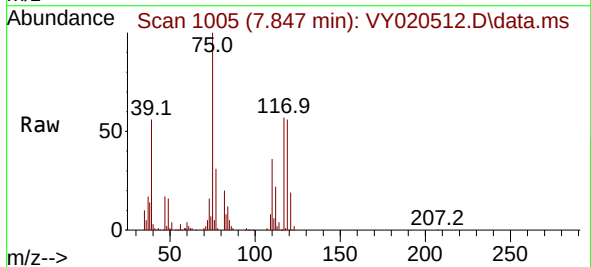
Instrument :
MSVOA_Y
ClientSampleId :

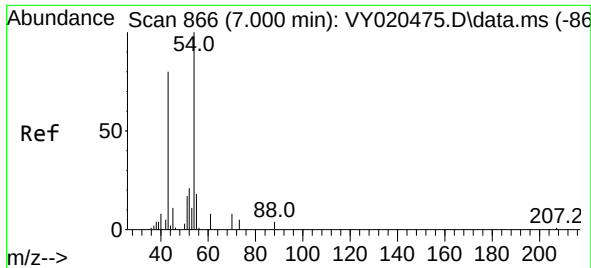
Tgt Ion:113 Resp: 80280
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 50.426 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 75 Resp: 138511
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 30.9 24.6 36.8

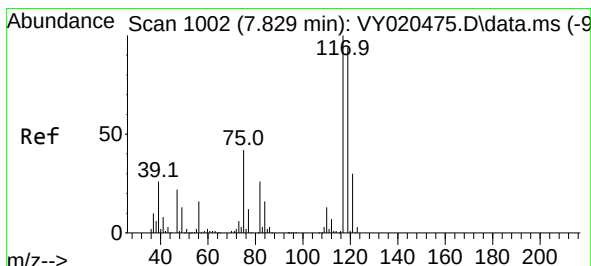
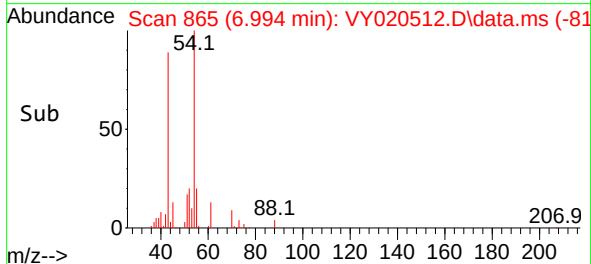
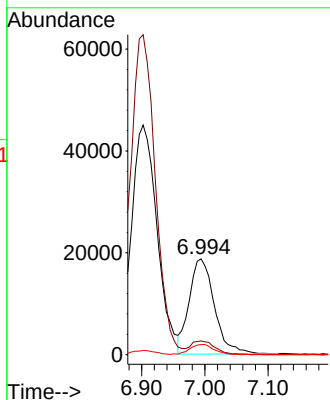
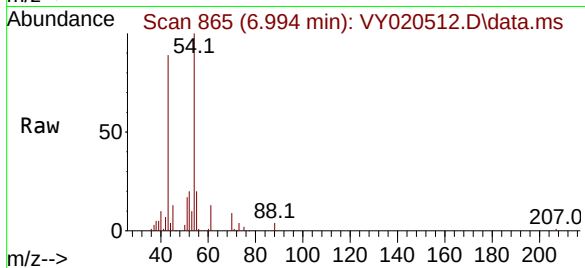




#37
Ethyl Acetate
Concen: 47.661 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

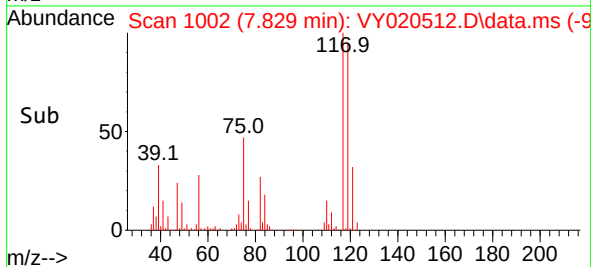
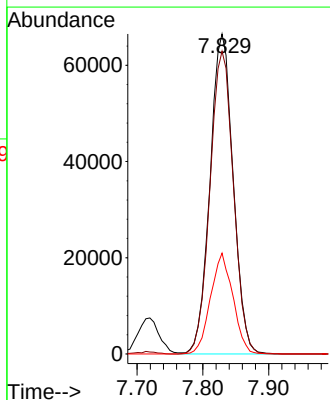
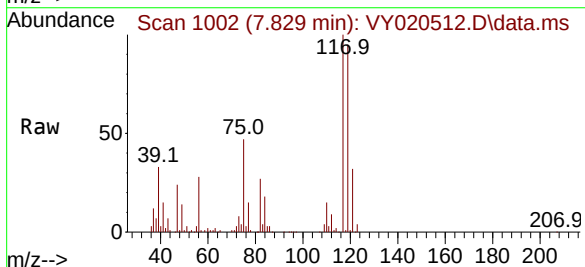
Instrument :
MSVOA_Y
ClientSampleId :

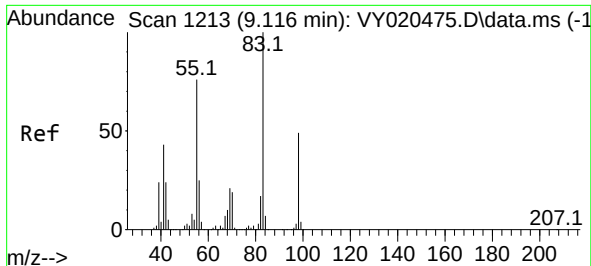
Tgt Ion: 43 Resp: 51866
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 49.713 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 117 Resp: 162976
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.6
121 31.5 24.6 37.0

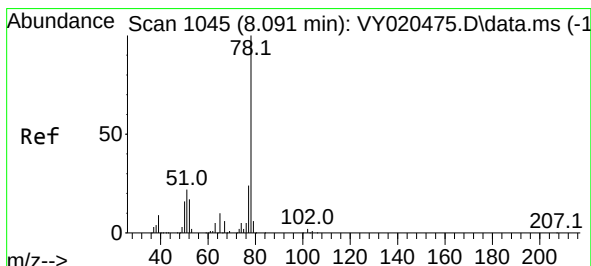
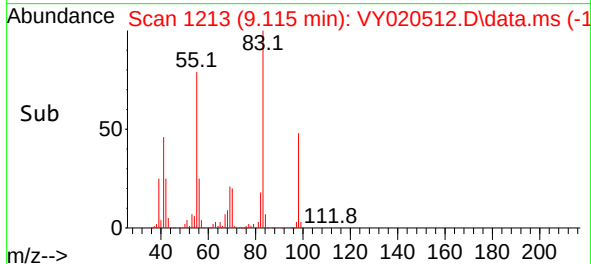
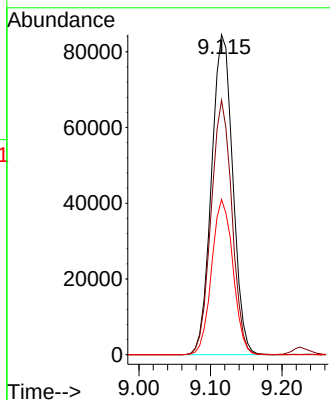
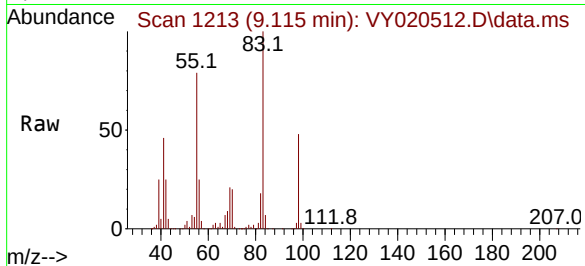




#39
Methylcyclohexane
Concen: 51.367 ug/l
RT: 9.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

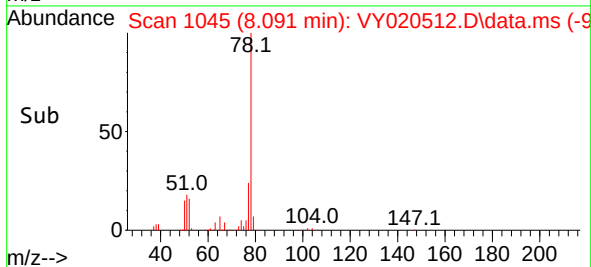
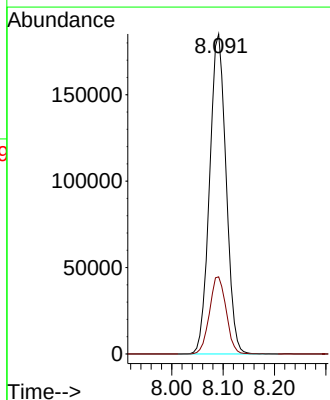
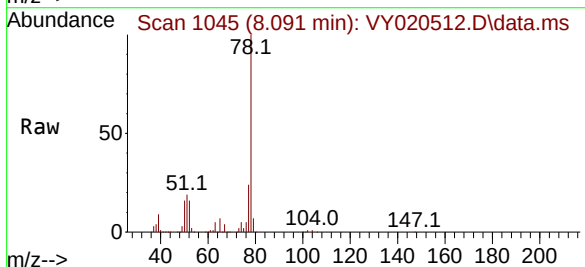
Instrument :
MSVOA_Y
ClientSampleId :

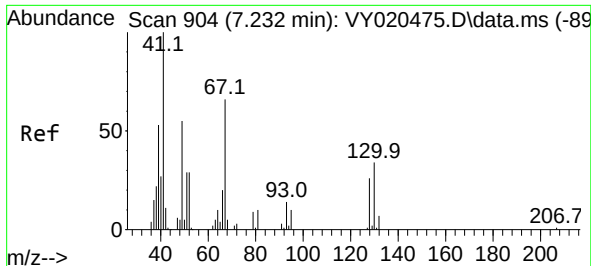
Tgt Ion: 83 Resp: 175083
Ion Ratio Lower Upper
83 100
55 79.5 62.6 93.8
98 48.5 37.0 55.4



#40
Benzene
Concen: 50.957 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

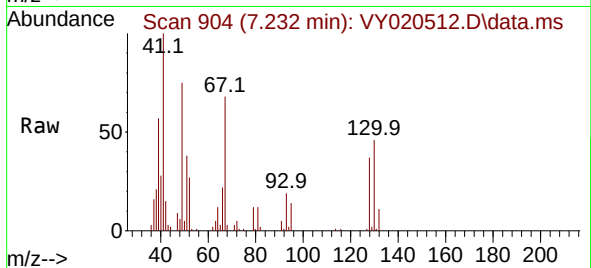
Tgt Ion: 78 Resp: 412687
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0



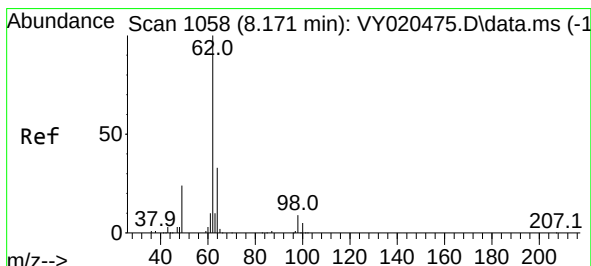
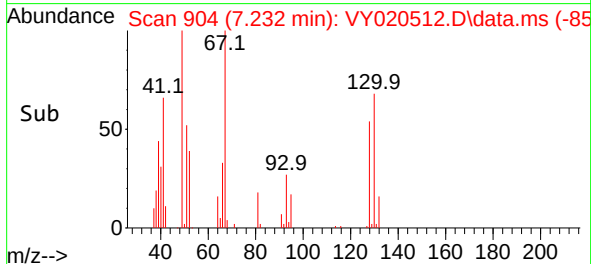
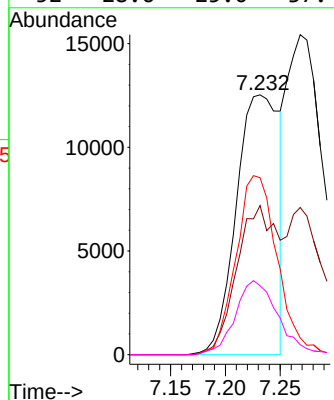


#41
Methacrylonitrile
Concen: 55.247 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

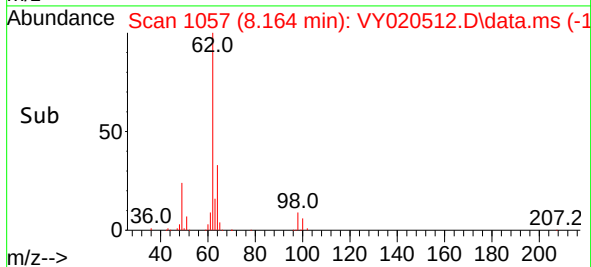
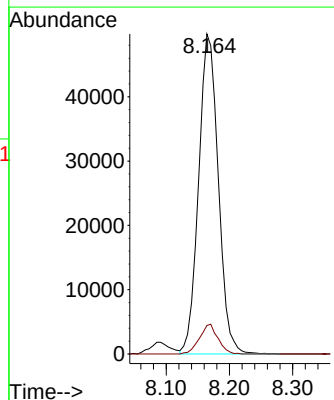
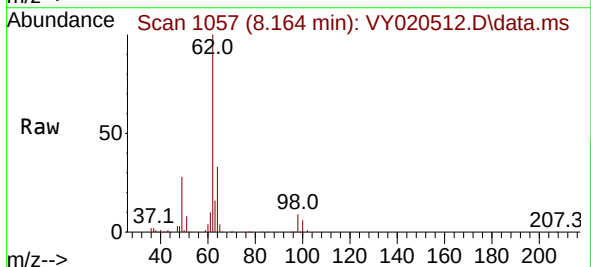


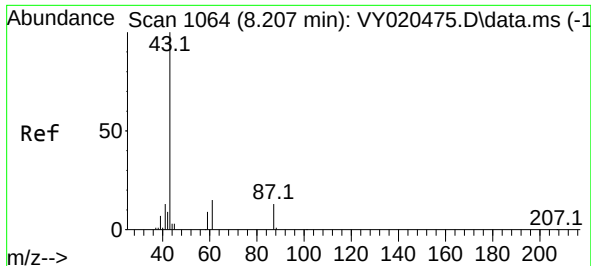
Tgt Ion:	41	Resp:	34177
Ion	Ratio	Lower	Upper
41	100		
39	53.7	49.0	73.4
67	66.8	57.1	85.7
52	28.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 50.636 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion:	62	Resp:	107753
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

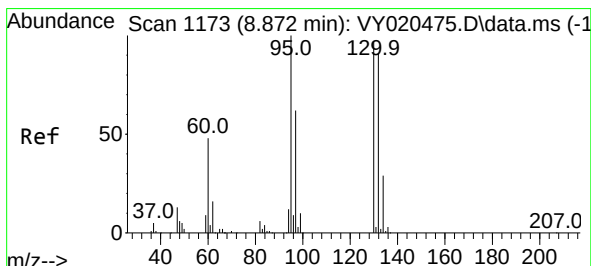
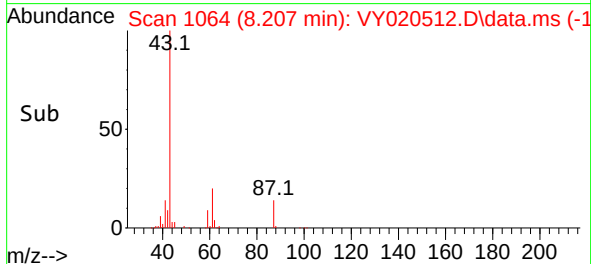
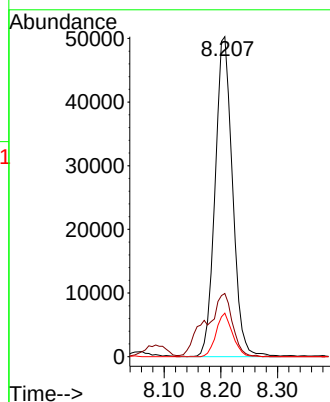
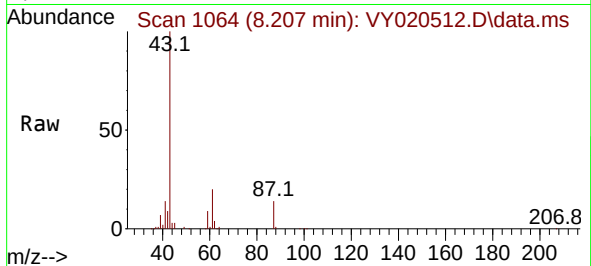




#43
Isopropyl Acetate
Concen: 48.771 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

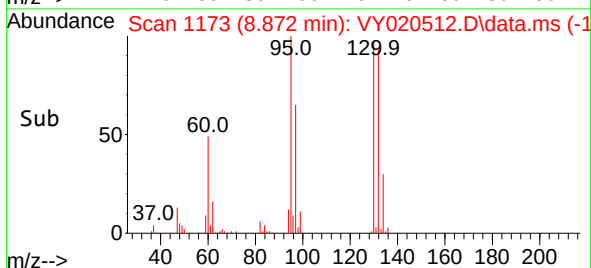
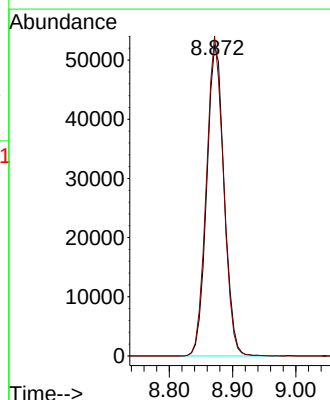
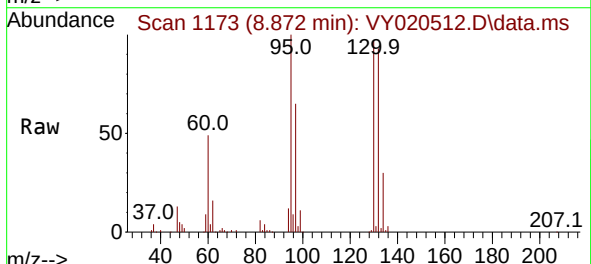
Instrument :
MSVOA_Y
ClientSampleId :

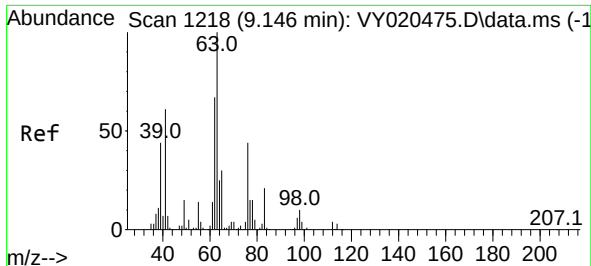
Tgt Ion: 43 Resp: 107171
Ion Ratio Lower Upper
43 100
61 30.3 22.8 34.2
87 12.9 9.6 14.4



#44
Trichloroethene
Concen: 50.514 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion:130 Resp: 100851
Ion Ratio Lower Upper
130 100
95 103.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 50.426 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

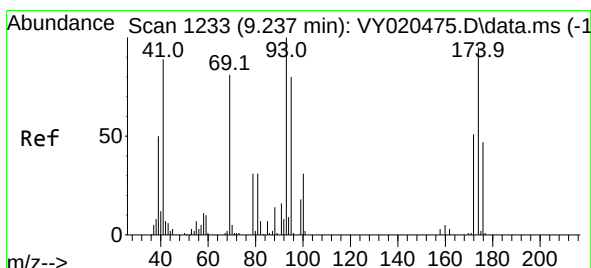
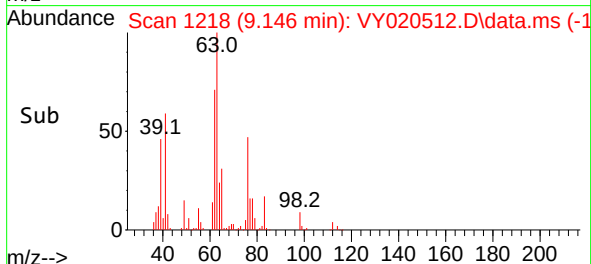
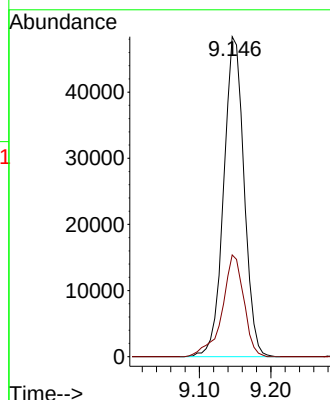
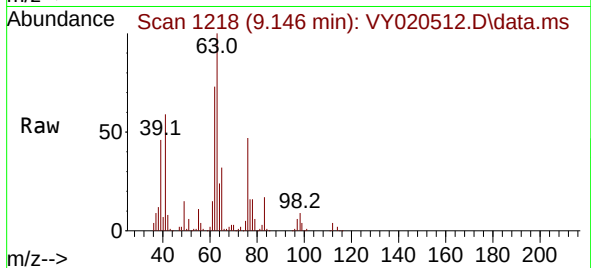
ClientSampleId :

Tgt Ion: 63 Resp: 95565

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.4



#46

Dibromomethane

Concen: 50.422 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

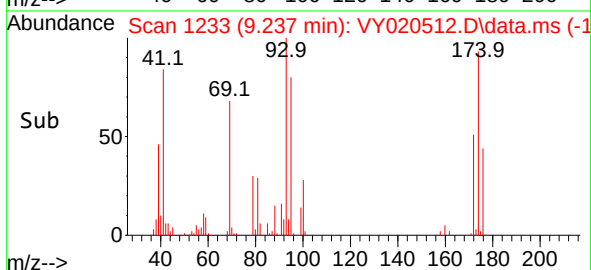
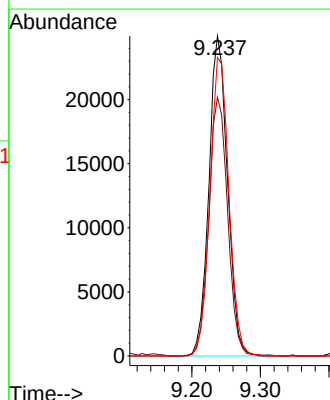
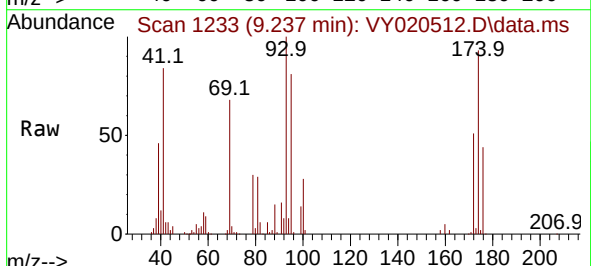
Tgt Ion: 93 Resp: 47313

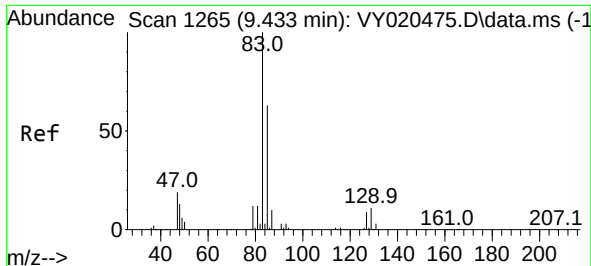
Ion Ratio Lower Upper

93 100

95 81.3 65.3 97.9

174 94.9 74.4 111.6

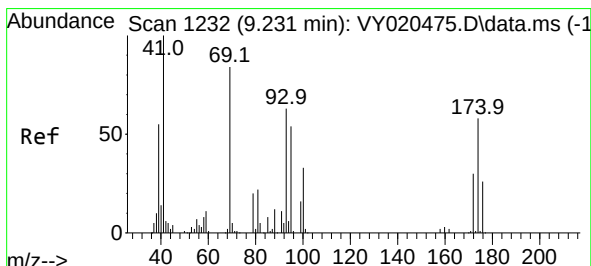
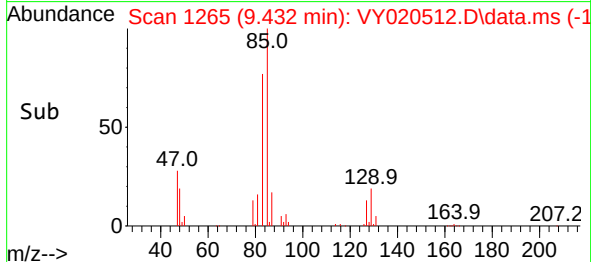
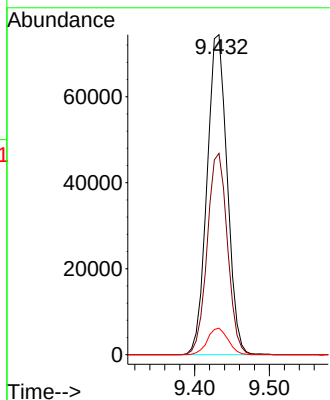
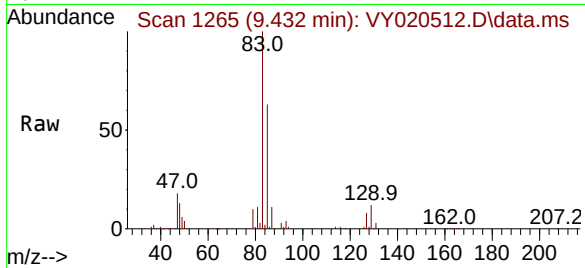




#47
Bromodichloromethane
Concen: 50.424 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

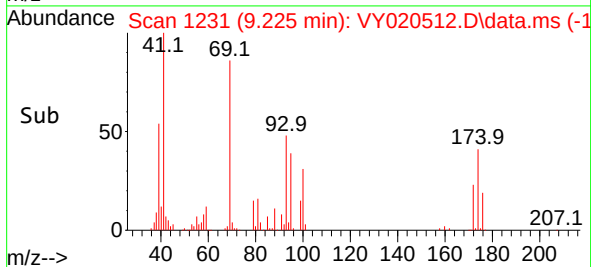
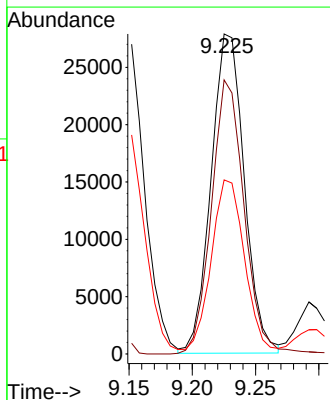
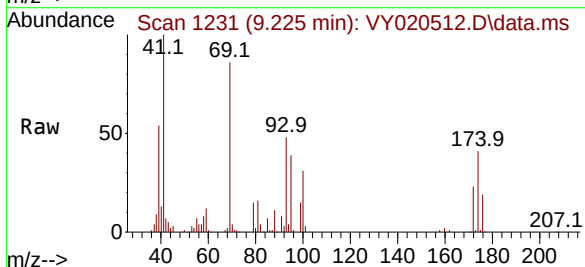
Instrument :
MSVOA_Y
ClientSampleId :

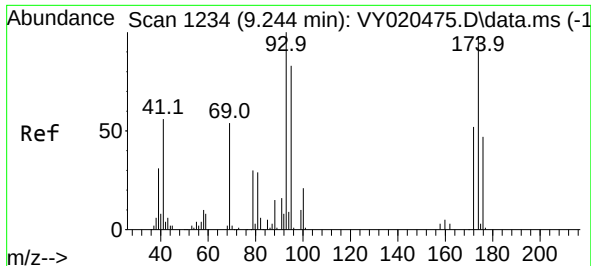
Tgt Ion: 83 Resp: 139401
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 49.650 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 41 Resp: 50876
Ion Ratio Lower Upper
41 100
69 84.7 66.1 99.1
39 52.6 46.0 69.0





#49

1,4-Dioxane

Concen: 1008.015 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

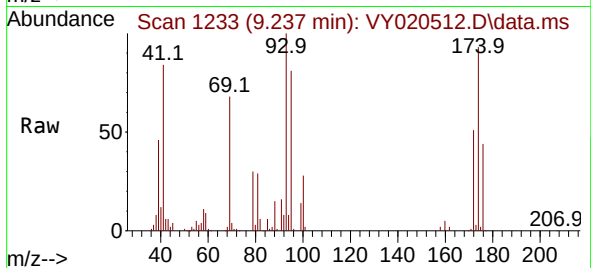
Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :



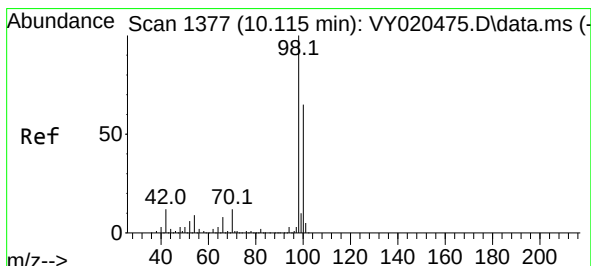
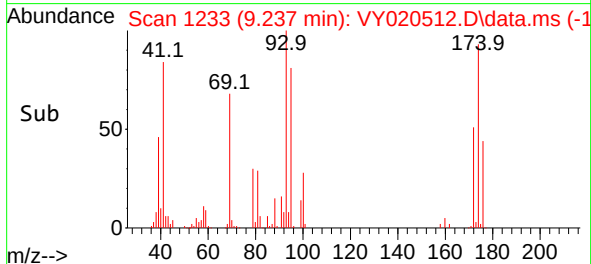
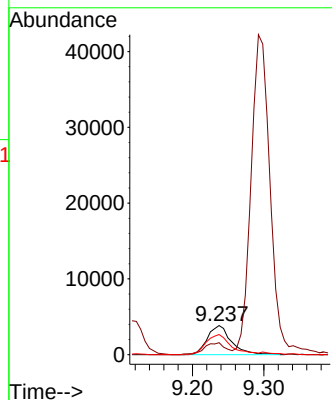
Tgt Ion: 88 Resp: 9041

Ion Ratio Lower Upper

88 100

43 36.3 24.6 37.0

58 71.2 59.6 89.4



#50

Toluene-d8

Concen: 48.066 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020512.D

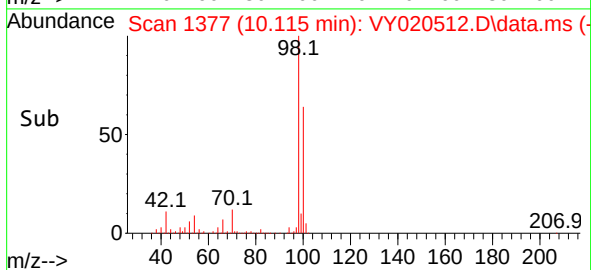
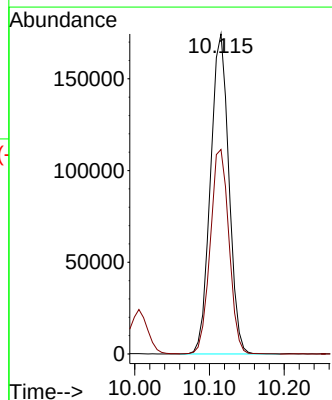
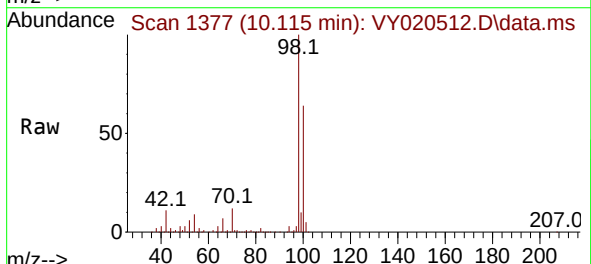
Acq: 04 Dec 2024 15:25

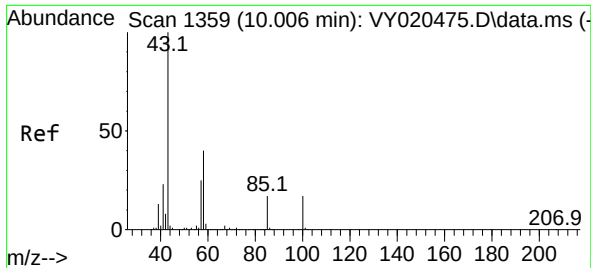
Tgt Ion: 98 Resp: 297706

Ion Ratio Lower Upper

98 100

100 65.0 51.3 76.9

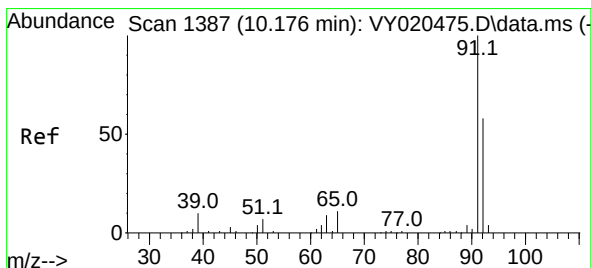
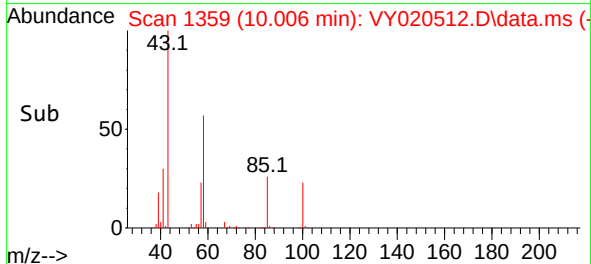
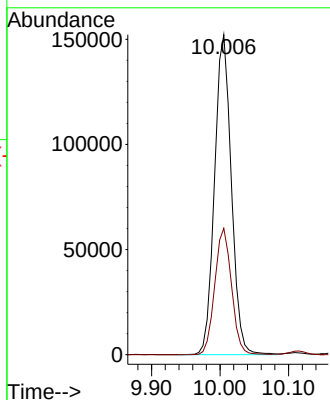
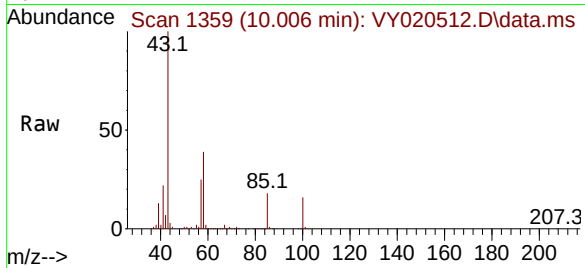




#51
4-Methyl-2-Pentanone
Concen: 238.183 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

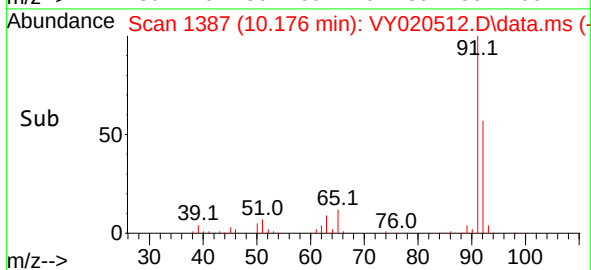
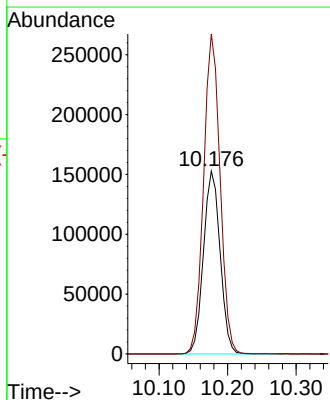
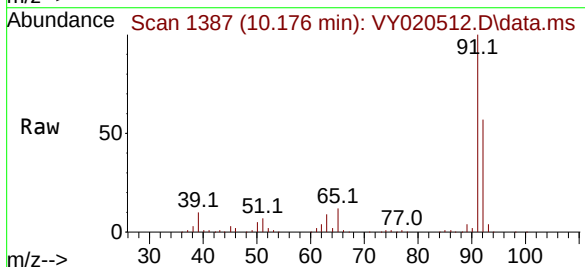
Instrument :
MSVOA_Y
ClientSampleId :

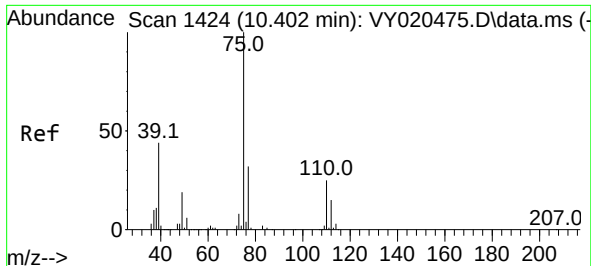
Tgt Ion: 43 Resp: 258475
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3



#52
Toluene
Concen: 51.269 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 92 Resp: 259057
Ion Ratio Lower Upper
92 100
91 173.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.285 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

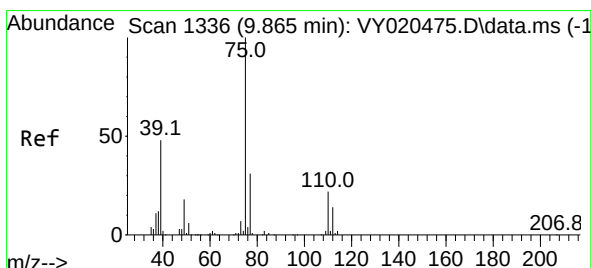
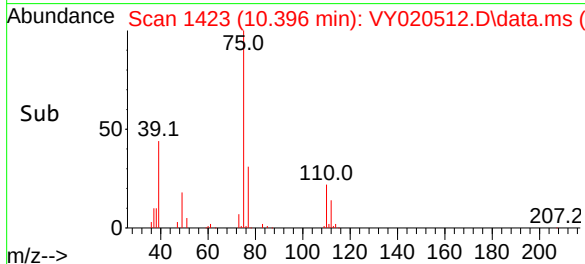
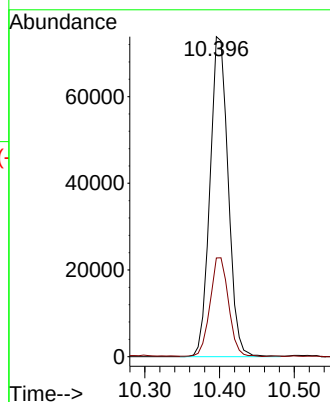
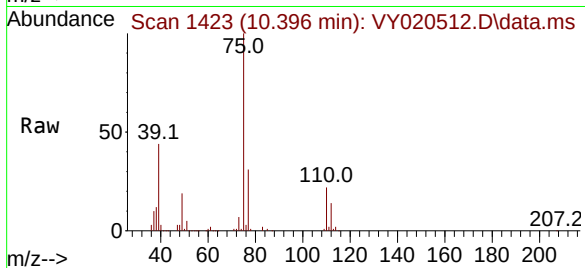
ClientSampleId :

Tgt Ion: 75 Resp: 124805

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.789 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

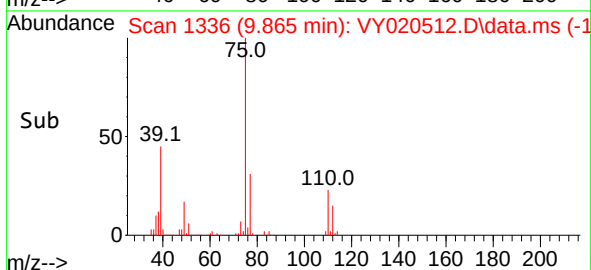
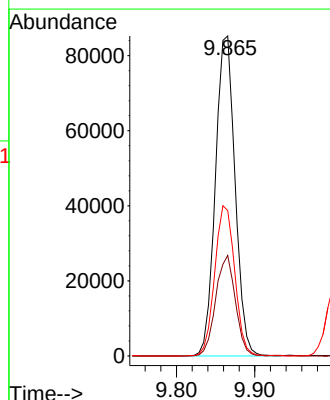
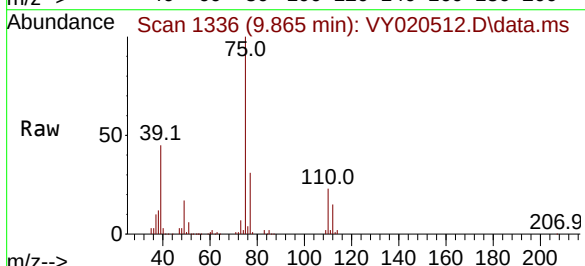
Tgt Ion: 75 Resp: 148977

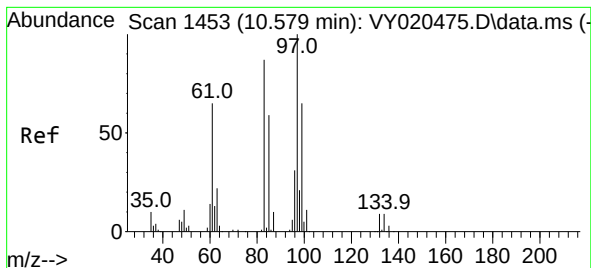
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 45.4 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 49.295 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 61703

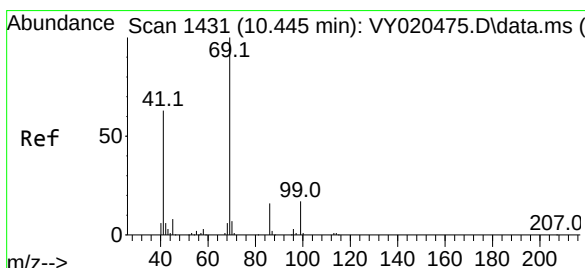
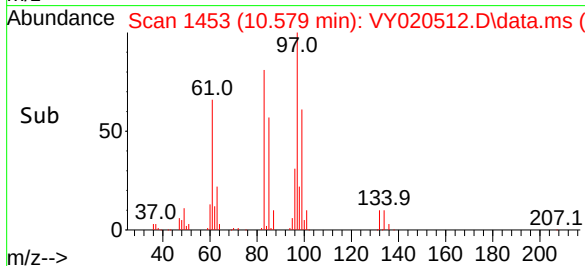
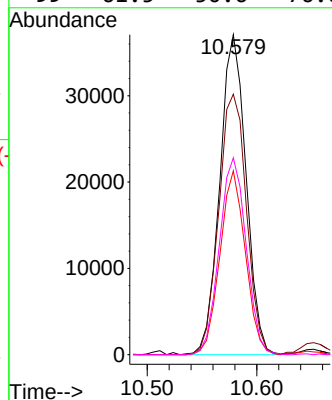
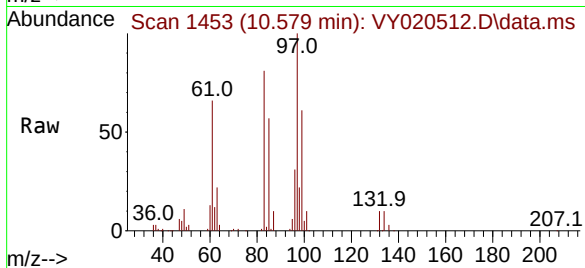
Ion Ratio Lower Upper

97 100

83 81.4 70.8 106.2

85 57.5 44.9 67.3

99 61.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 49.722 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

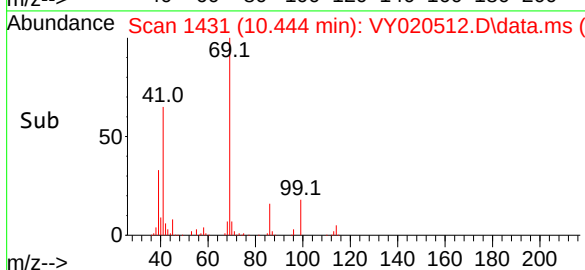
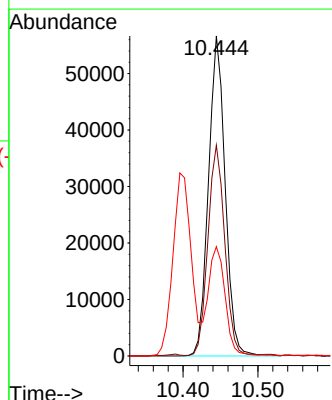
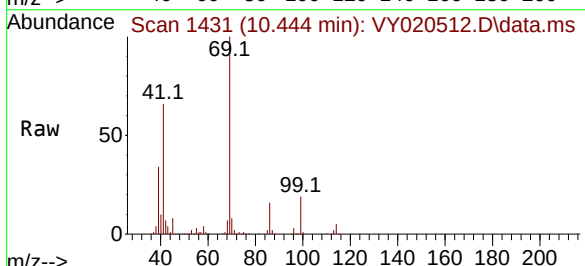
Tgt Ion: 69 Resp: 88061

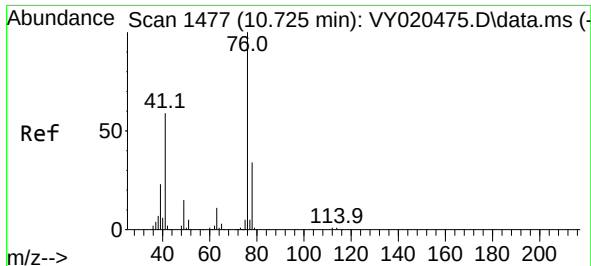
Ion Ratio Lower Upper

69 100

41 67.1 56.1 84.1

39 35.3 29.7 44.5





#57

1,3-Dichloropropane

Concen: 50.095 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

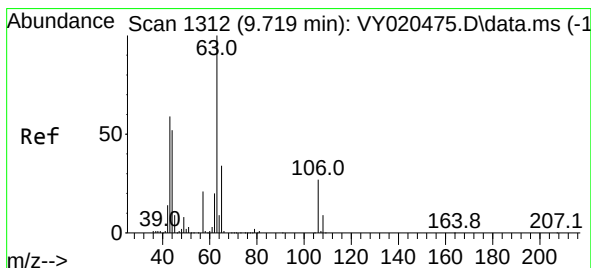
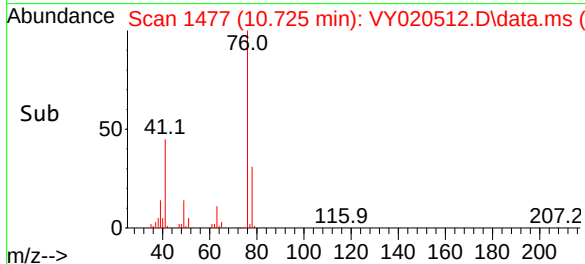
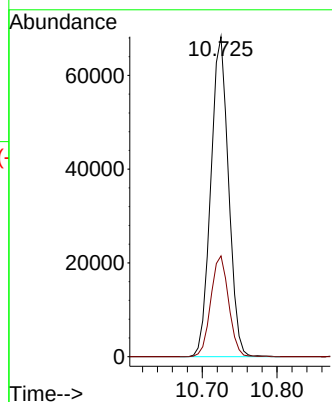
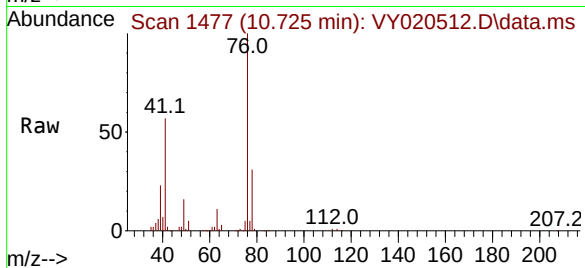
ClientSampleId :

Tgt Ion: 76 Resp: 112283

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 217.933 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020512.D

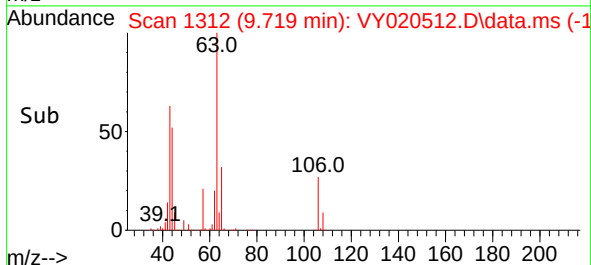
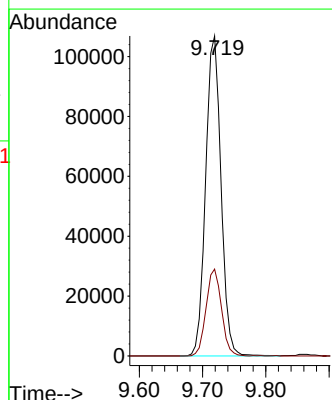
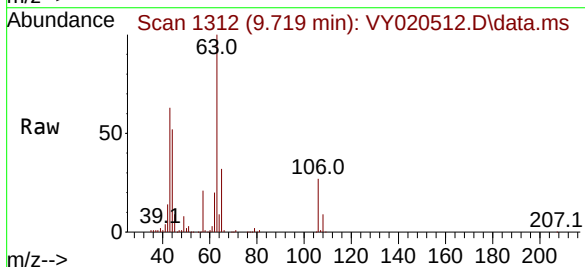
Acq: 04 Dec 2024 15:25

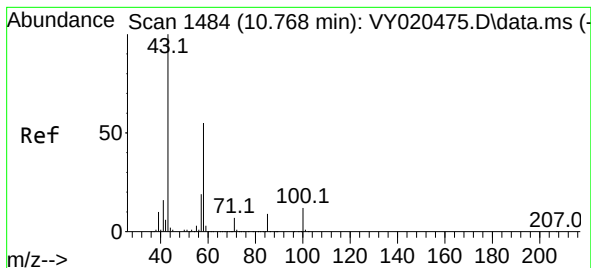
Tgt Ion: 63 Resp: 180717

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.4

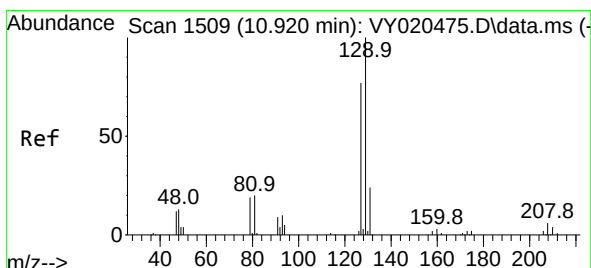
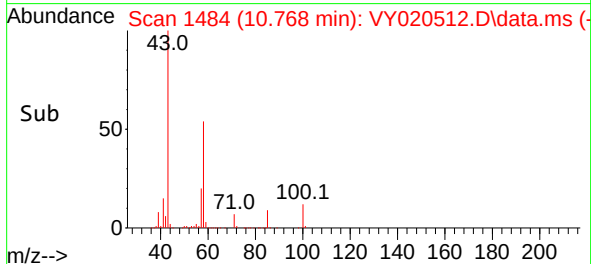
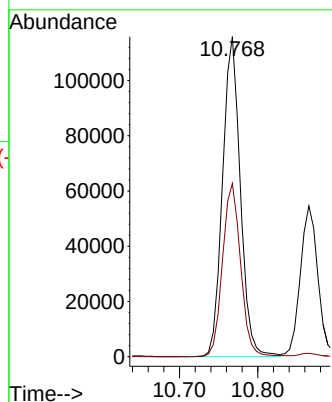
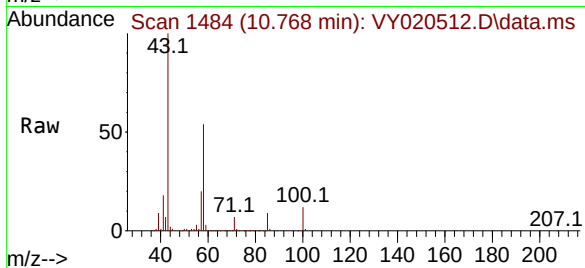




#59
2-Hexanone
Concen: 234.287 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

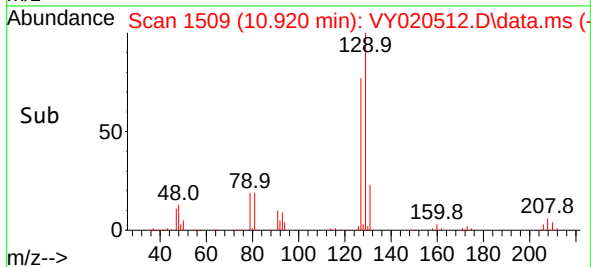
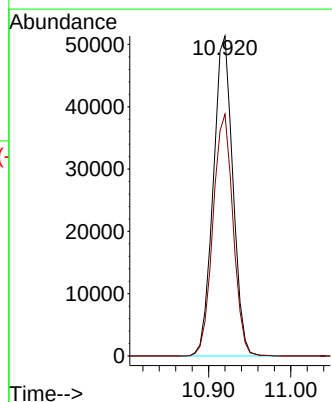
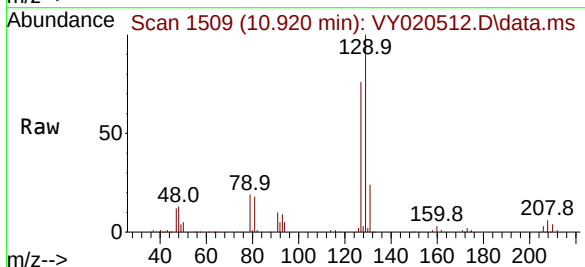
Instrument :
MSVOA_Y
ClientSampleId :

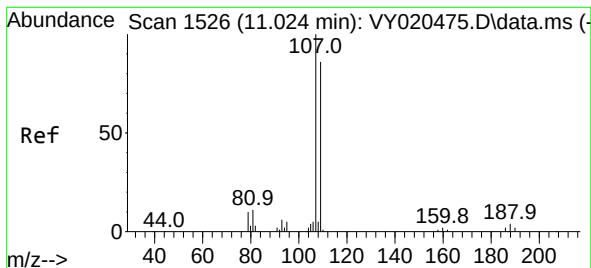
Tgt Ion: 43 Resp: 183416
Ion Ratio Lower Upper
43 100
58 55.0 26.4 79.2



#60
Dibromochloromethane
Concen: 48.773 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion:129 Resp: 84996
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.931 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

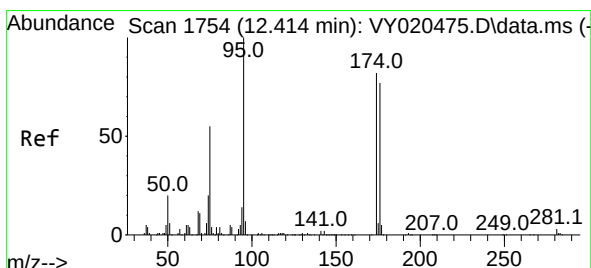
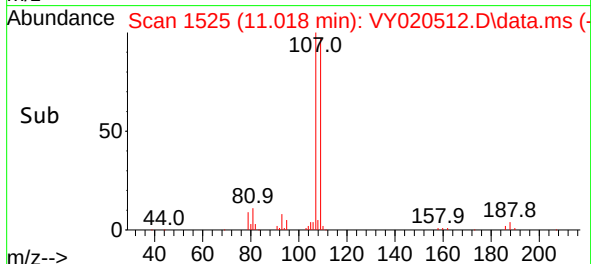
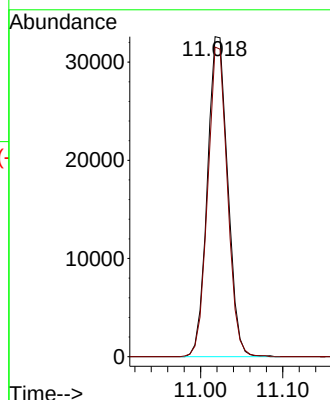
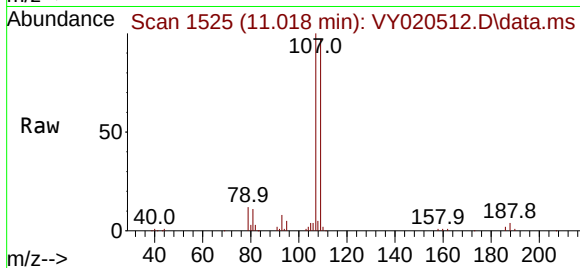
ClientSampleId :

Tgt Ion:107 Resp: 56009

Ion Ratio Lower Upper

107 100

109 93.9 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 48.601 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

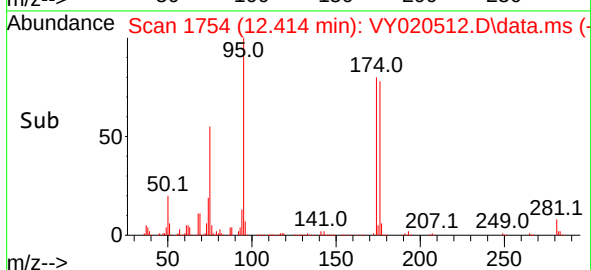
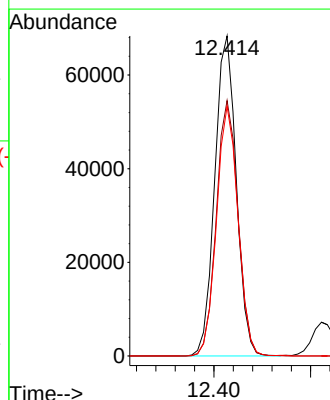
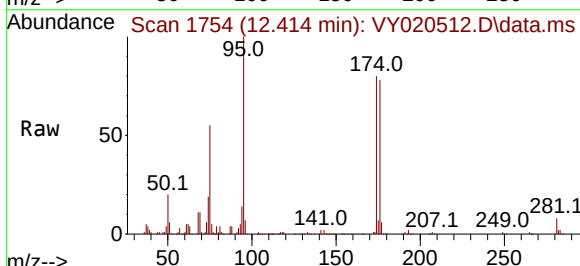
Tgt Ion: 95 Resp: 105281

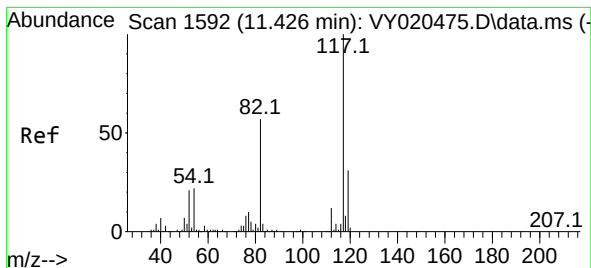
Ion Ratio Lower Upper

95 100

174 80.4 0.0 156.8

176 77.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

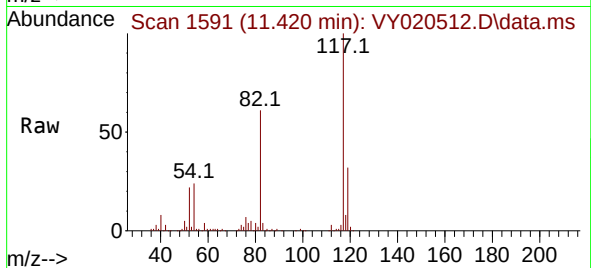
Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :



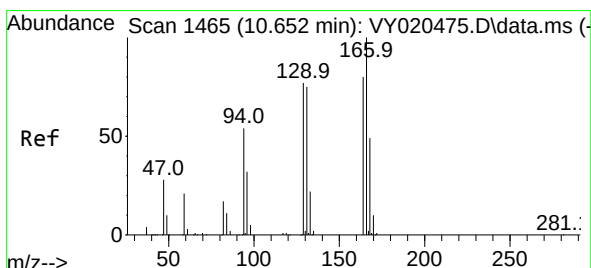
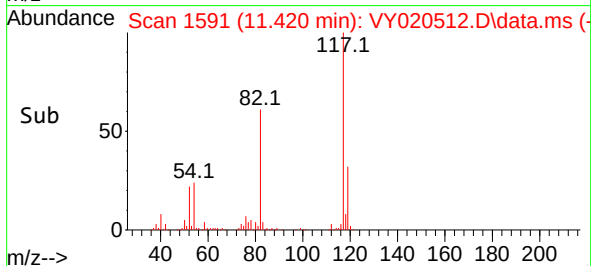
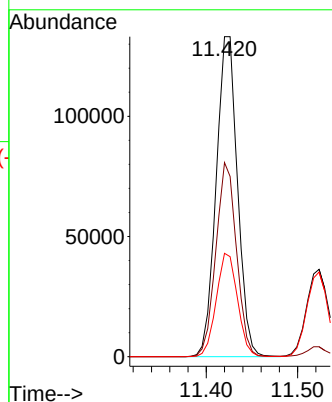
Tgt Ion:117 Resp: 216201

Ion Ratio Lower Upper

117 100

82 60.6 48.2 72.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 48.736 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Tgt Ion:164 Resp: 89033

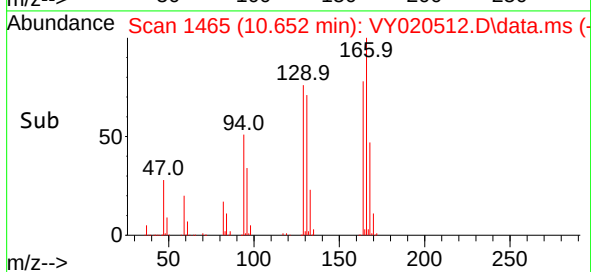
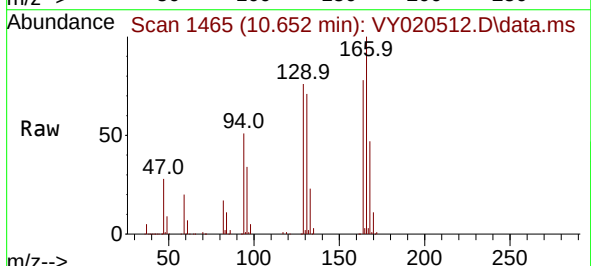
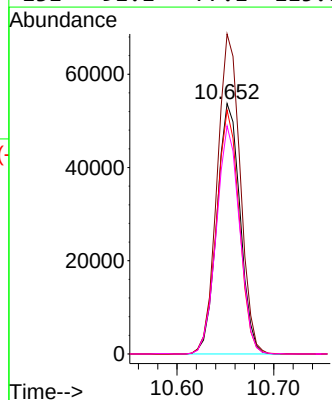
Ion Ratio Lower Upper

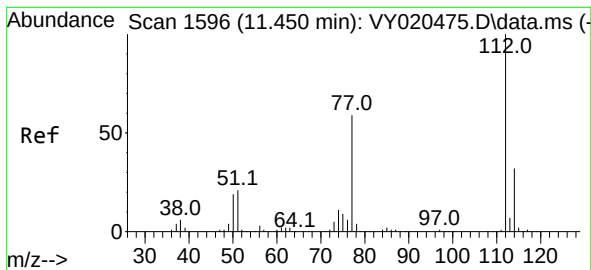
164 100

166 127.8 103.8 155.8

129 97.4 79.0 118.4

131 91.1 77.1 115.7





#65

Chlorobenzene

Concen: 49.135 ug/l

RT: 11.450 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

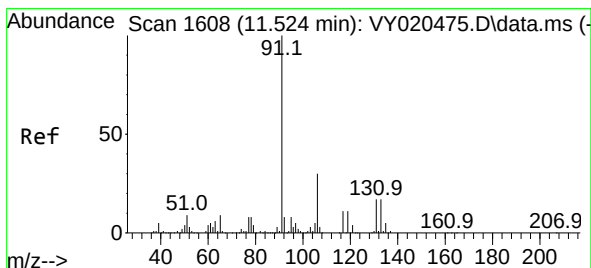
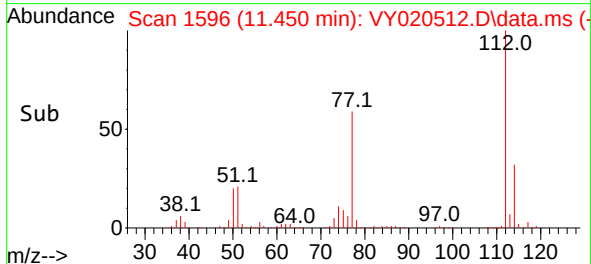
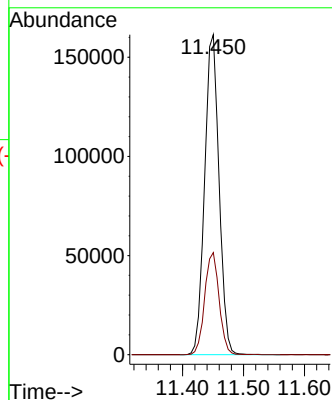
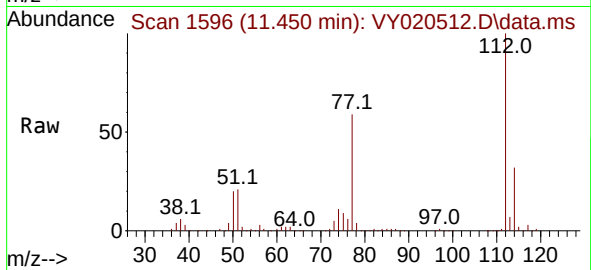
ClientSampleId :

Tgt Ion:112 Resp: 266272

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.490 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

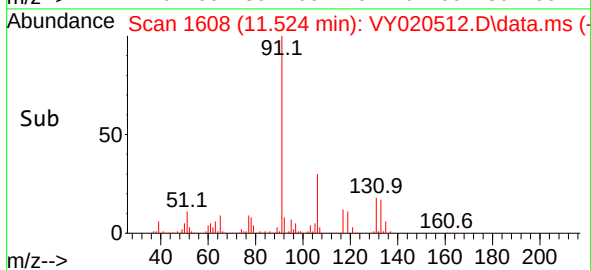
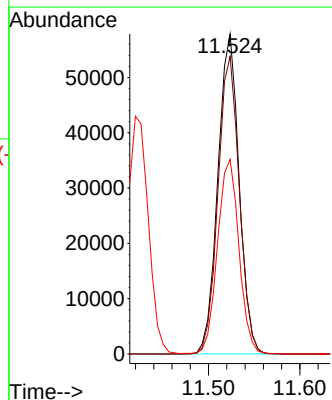
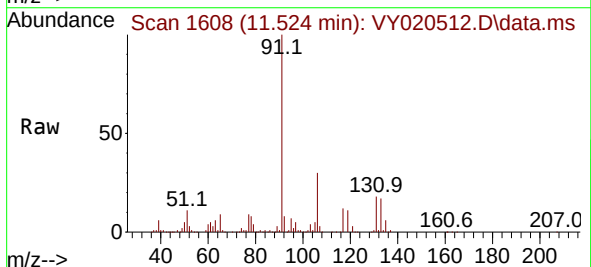
Tgt Ion:131 Resp: 93191

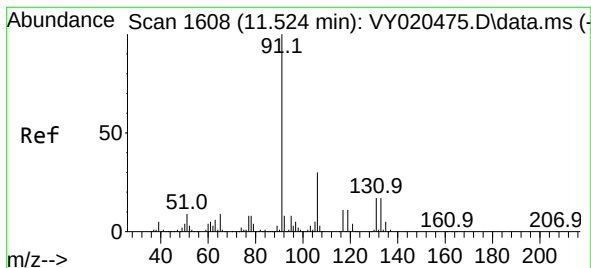
Ion Ratio Lower Upper

131 100

133 93.6 47.8 143.3

119 61.6 32.5 97.5





#67

Ethyl Benzene

Concen: 49.350 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

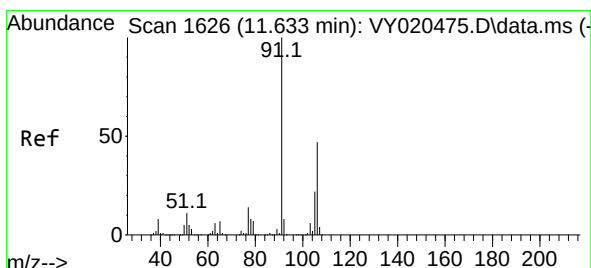
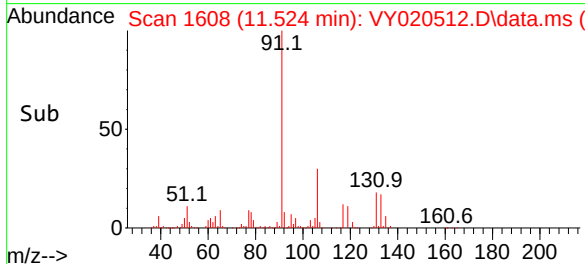
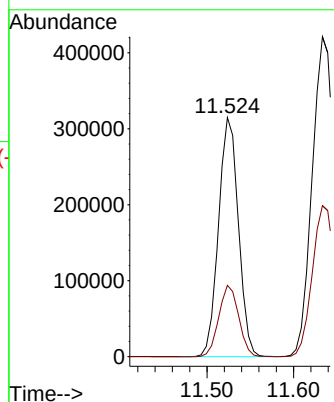
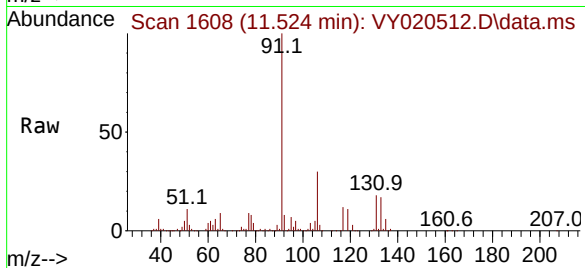
ClientSampleId :

Tgt Ion: 91 Resp: 501288

Ion Ratio Lower Upper

91 100

106 29.8 23.9 35.9



#68

m/p-Xylenes

Concen: 98.662 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020512.D

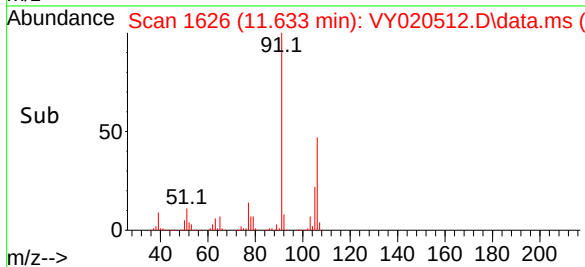
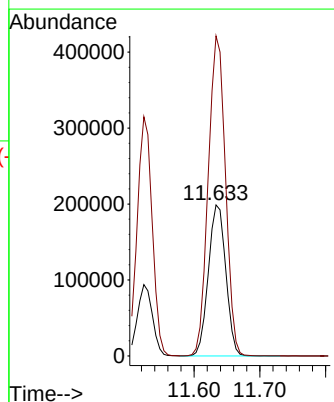
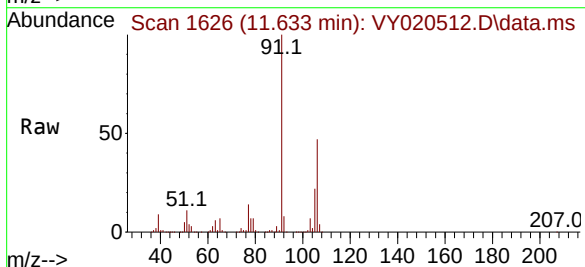
Acq: 04 Dec 2024 15:25

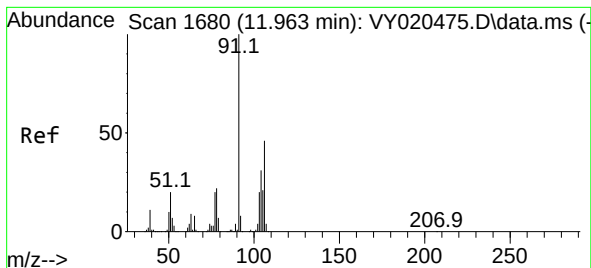
Tgt Ion:106 Resp: 366976

Ion Ratio Lower Upper

106 100

91 208.9 166.0 249.0

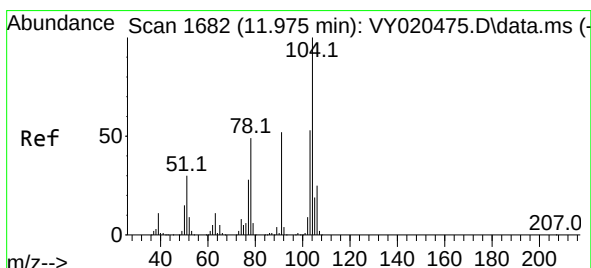
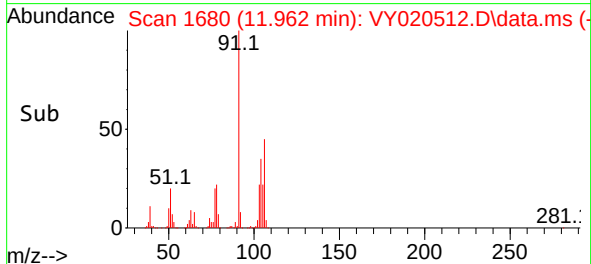
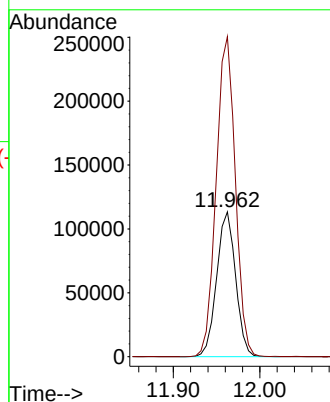
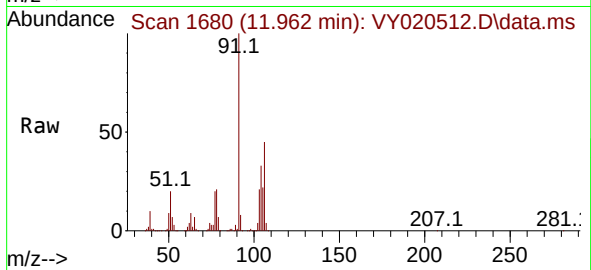




#69
o-Xylene
Concen: 49.380 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

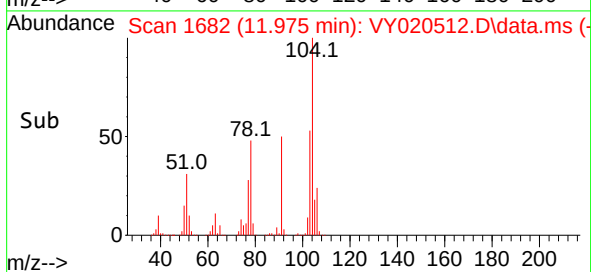
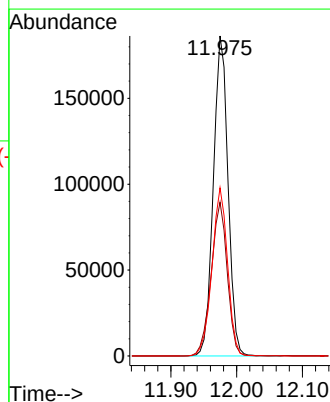
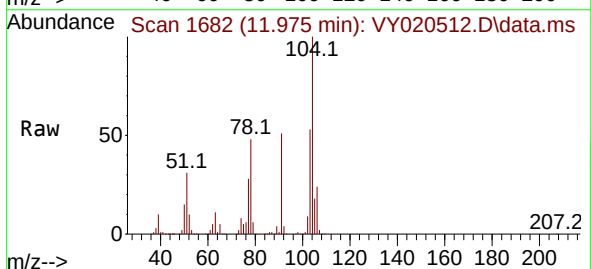
Instrument :
MSVOA_Y
ClientSampleId :

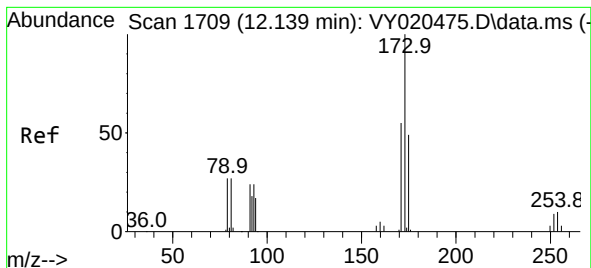
Tgt Ion:106 Resp: 172071
Ion Ratio Lower Upper
106 100
91 223.5 110.0 330.0



#70
Styrene
Concen: 49.747 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion:104 Resp: 289206
Ion Ratio Lower Upper
104 100
78 52.6 41.4 62.2
103 55.8 44.2 66.4





#71

Bromoform

Concen: 48.000 ug/l

RT: 12.139 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

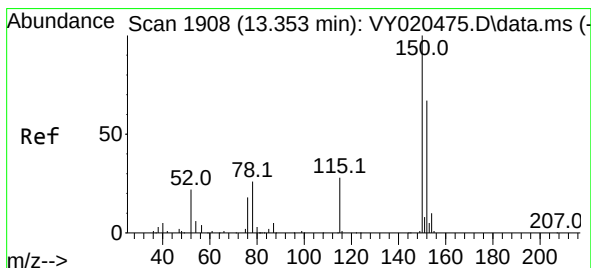
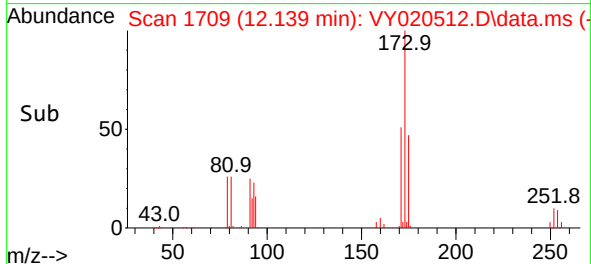
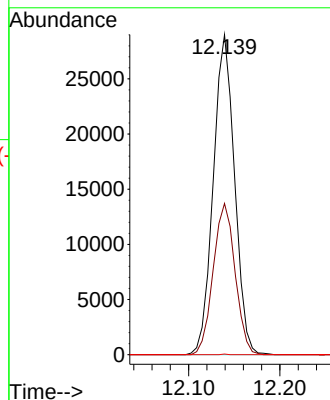
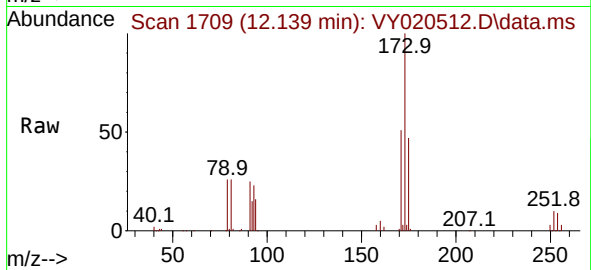
Tgt Ion:173 Resp: 46902

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

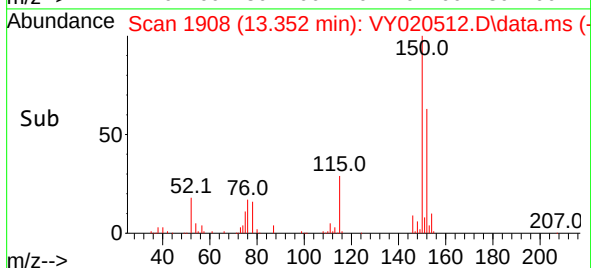
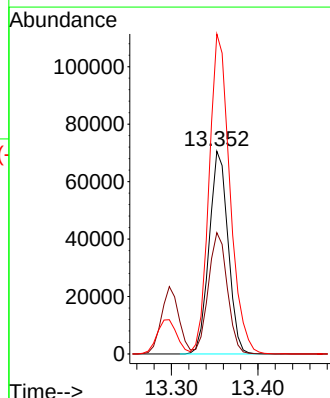
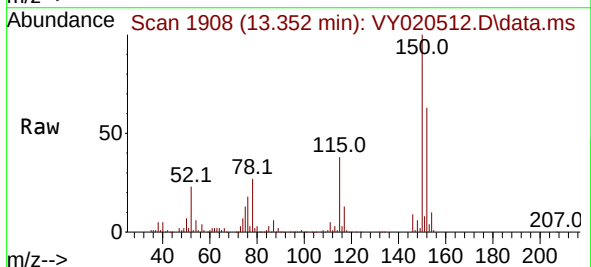
Tgt Ion:152 Resp: 107045

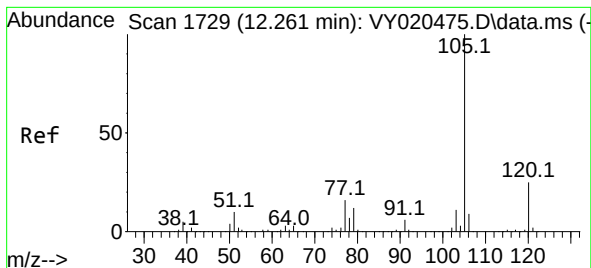
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 173.5 0.0 348.2





#73

Isopropylbenzene

Concen: 45.603 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

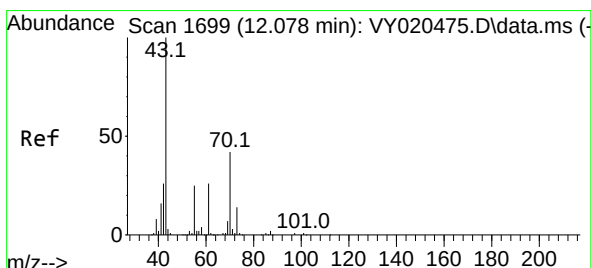
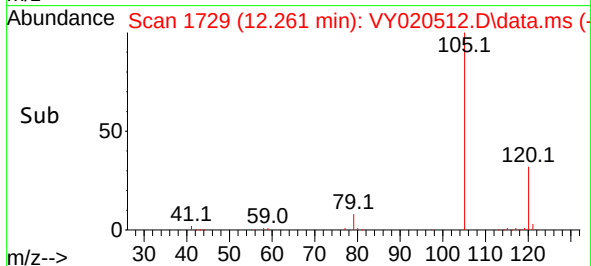
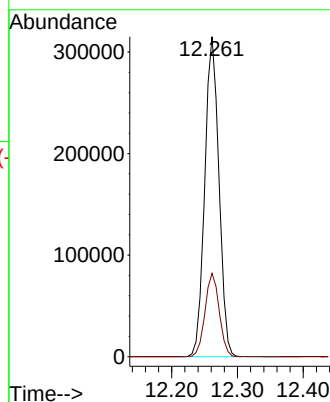
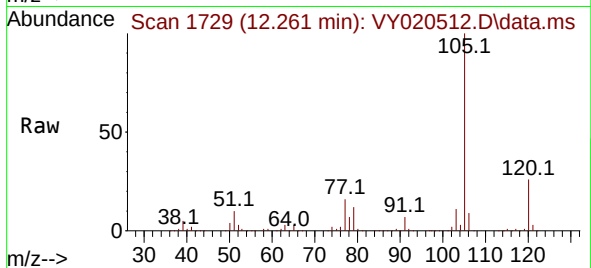
ClientSampleId :

Tgt Ion:105 Resp: 472313

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.1



#74

N-ethyl acetate

Concen: 44.954 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Tgt Ion: 43 Resp: 91256

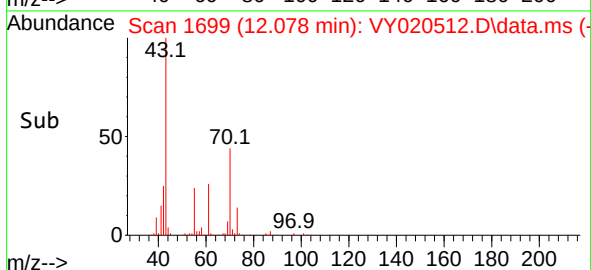
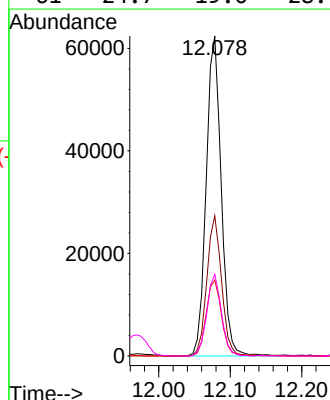
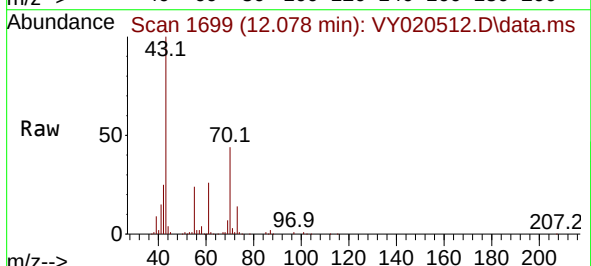
Ion Ratio Lower Upper

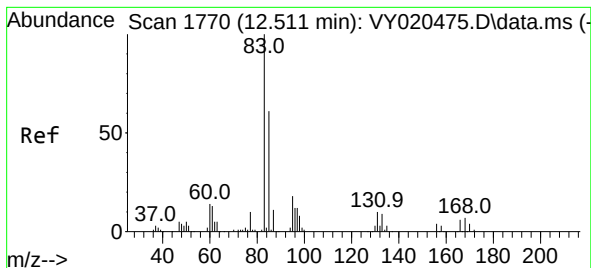
43 100

70 42.7 32.9 49.3

55 24.2 19.3 28.9

61 24.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.761 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

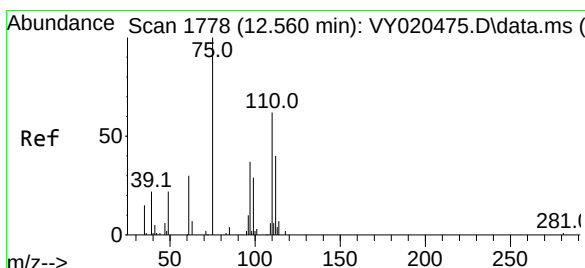
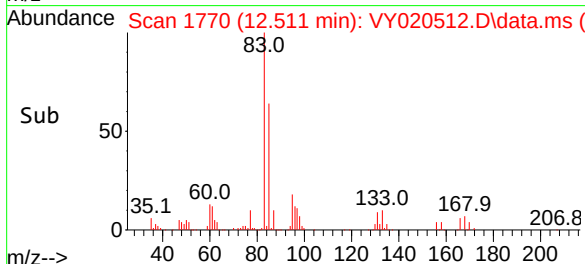
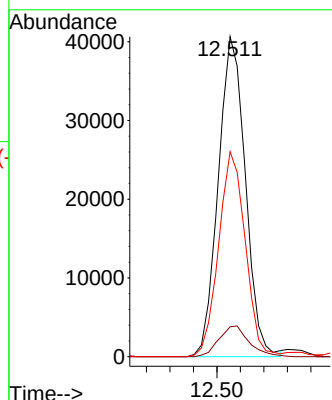
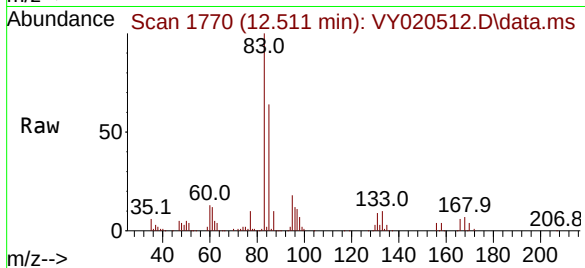
Tgt Ion: 83 Resp: 65179

Ion Ratio Lower Upper

83 100

131 10.7 4.8 14.4

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.807 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY020512.D

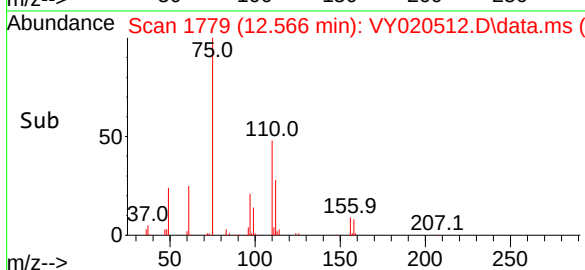
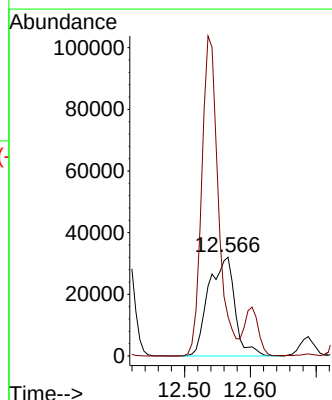
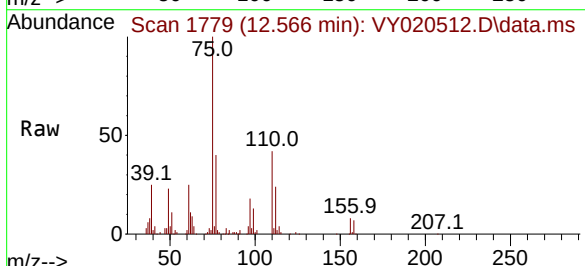
Acq: 04 Dec 2024 15:25

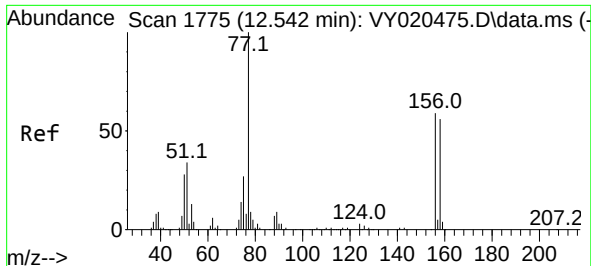
Tgt Ion: 75 Resp: 89207

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

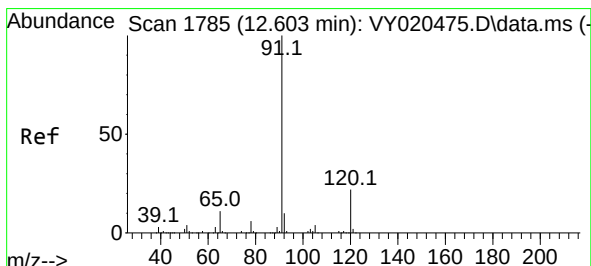
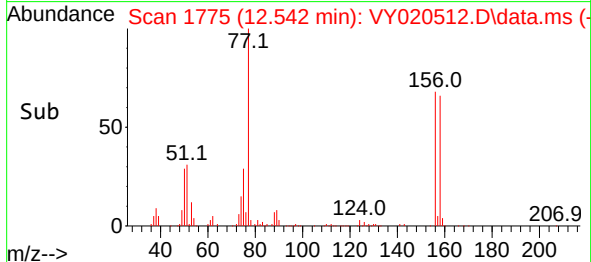
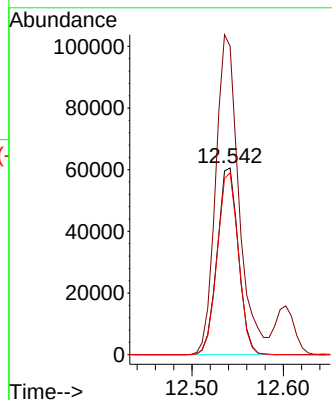
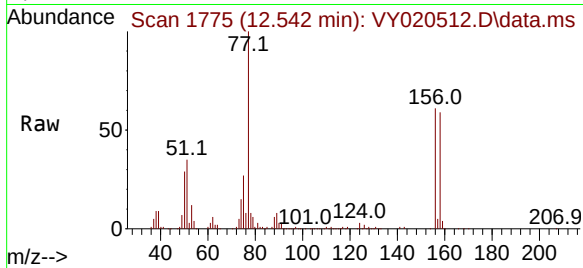




#77
Bromobenzene
Concen: 45.507 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

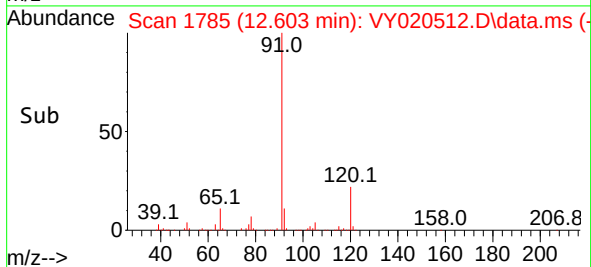
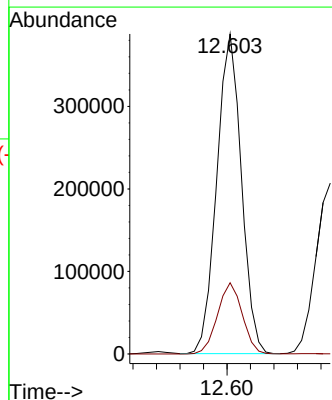
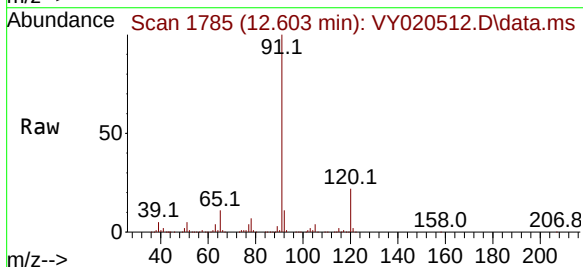
Instrument :
MSVOA_Y
ClientSampleId :

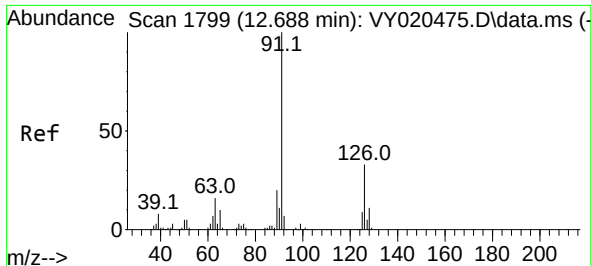
Tgt Ion:156 Resp: 97607
Ion Ratio Lower Upper
156 100
77 188.5 97.2 291.6
158 97.4 47.8 143.4



#78
n-propylbenzene
Concen: 45.999 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 91 Resp: 564073
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.6





#79

2-Chlorotoluene

Concen: 45.891 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

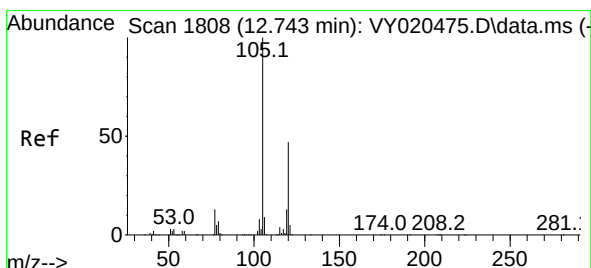
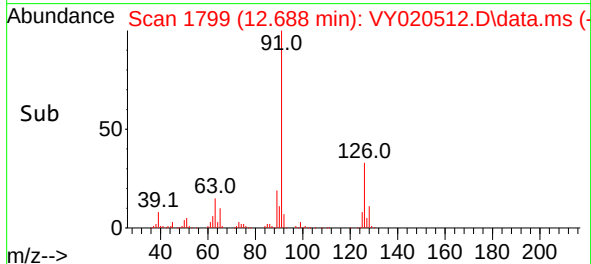
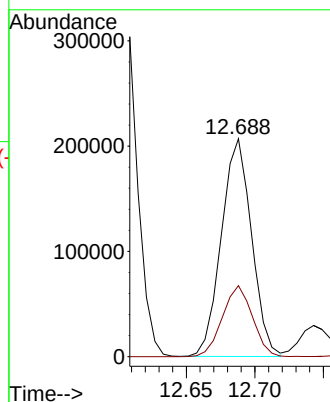
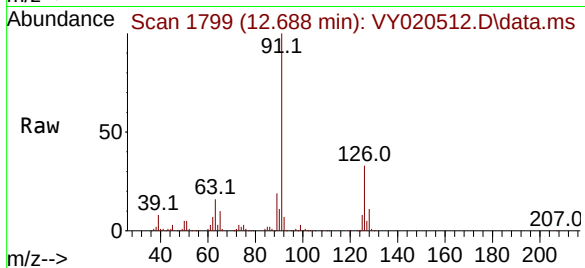
ClientSampleId :

Tgt Ion: 91 Resp: 317543

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 45.762 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020512.D

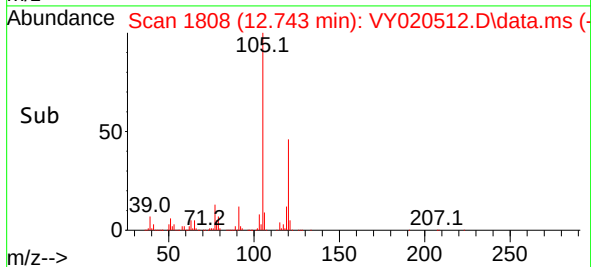
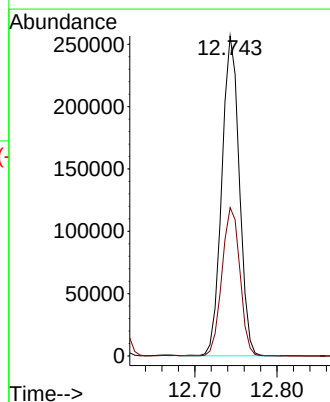
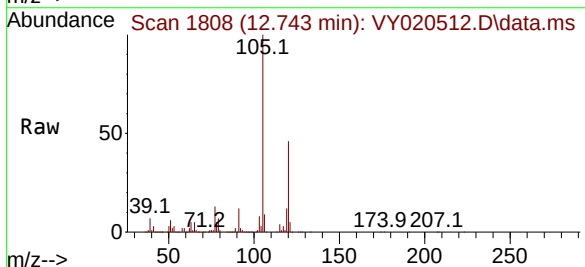
Acq: 04 Dec 2024 15:25

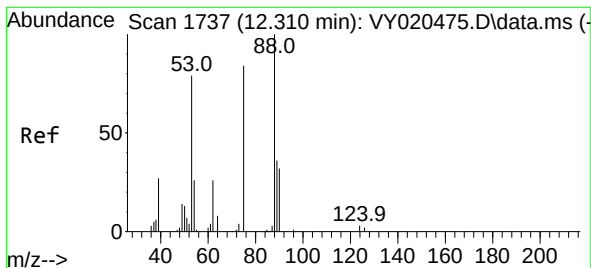
Tgt Ion: 105 Resp: 379824

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8

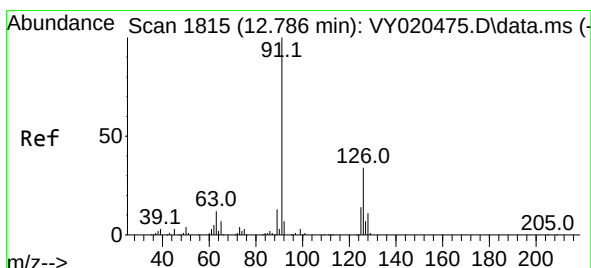
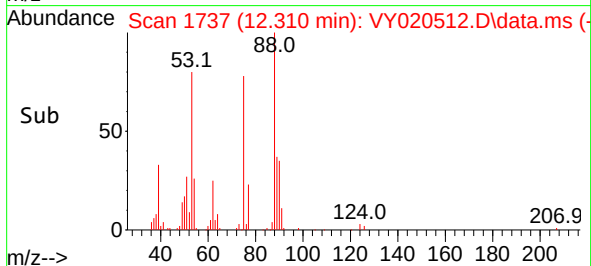
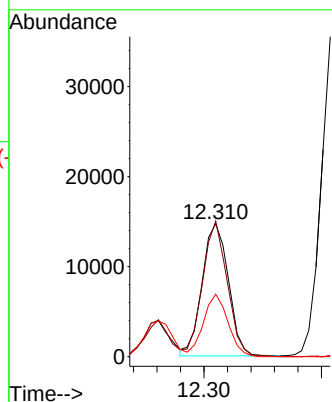
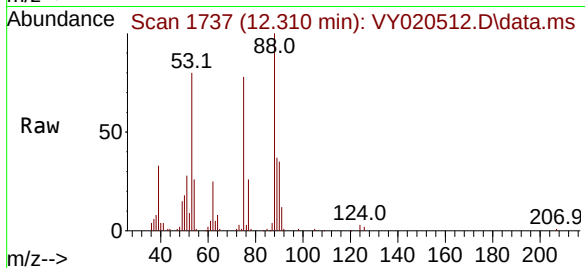




#81
trans-1,4-Dichloro-2-butene
Concen: 42.781 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

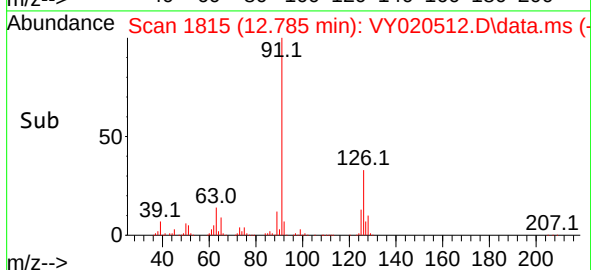
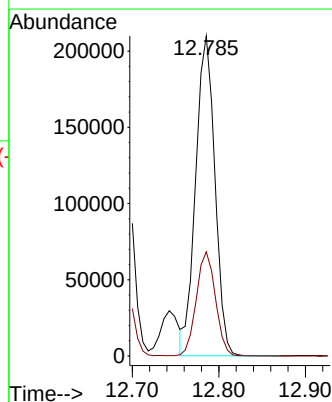
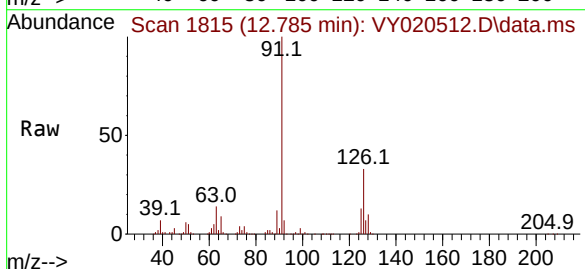
Instrument :
MSVOA_Y
ClientSampleId :

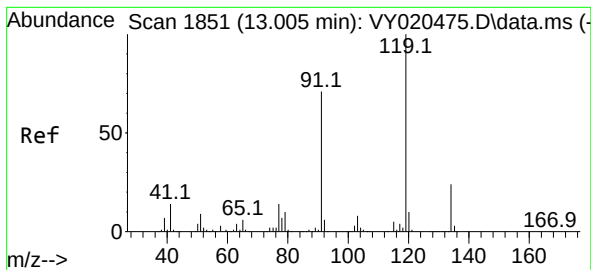
Tgt Ion: 75 Resp: 22736
Ion Ratio Lower Upper
75 100
53 97.1 81.1 121.7
89 44.2 35.1 52.7



#82
4-Chlorotoluene
Concen: 45.846 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020512.D
Acq: 04 Dec 2024 15:25

Tgt Ion: 91 Resp: 323728
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.8





#83

tert-Butylbenzene

Concen: 46.066 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

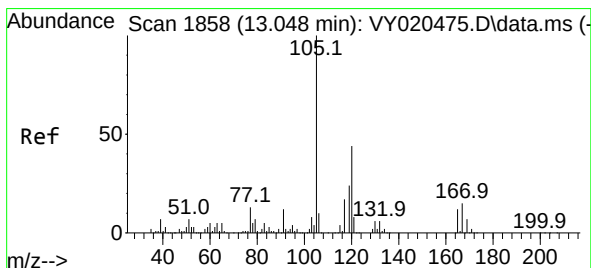
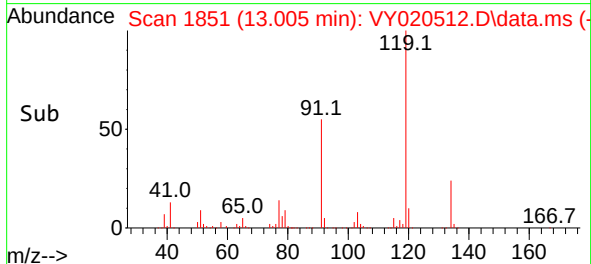
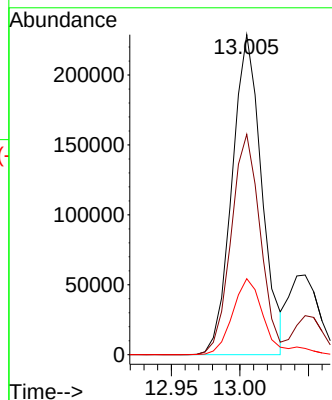
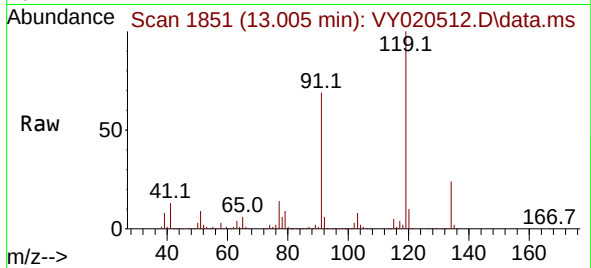
Tgt Ion:119 Resp: 345682

Ion Ratio Lower Upper

119 100

91 67.5 33.3 99.9

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.404 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020512.D

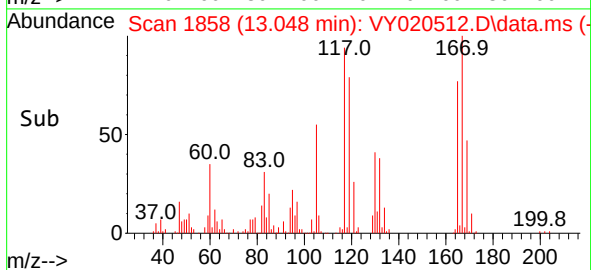
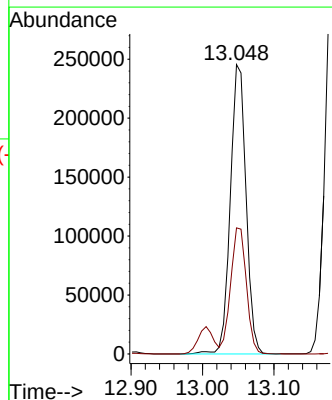
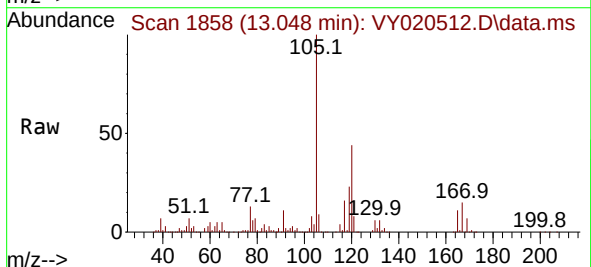
Acq: 04 Dec 2024 15:25

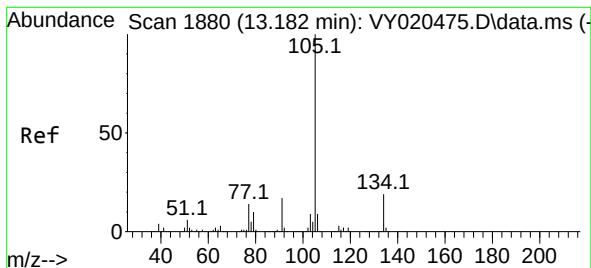
Tgt Ion:105 Resp: 374353

Ion Ratio Lower Upper

105 100

120 43.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.109 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

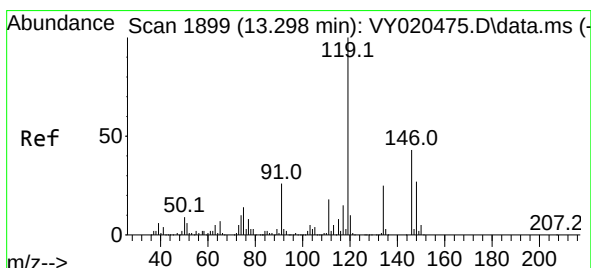
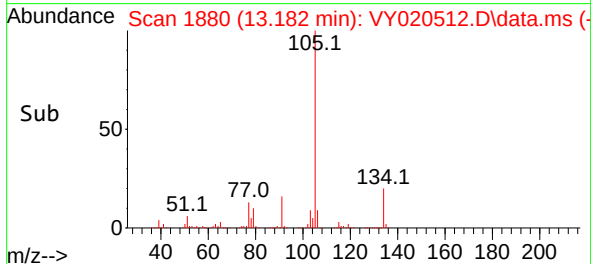
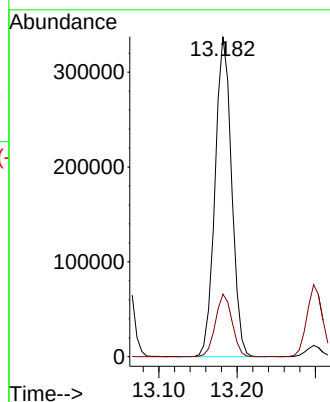
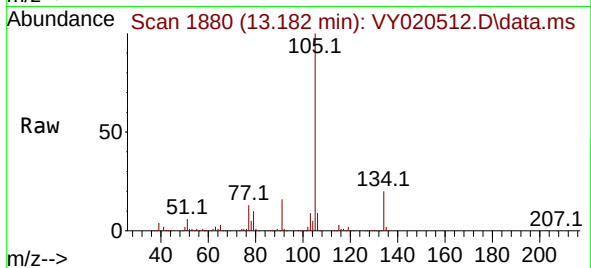
ClientSampleId :

Tgt Ion:105 Resp: 495865

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 46.200 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

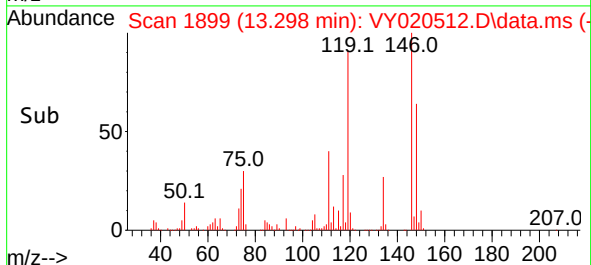
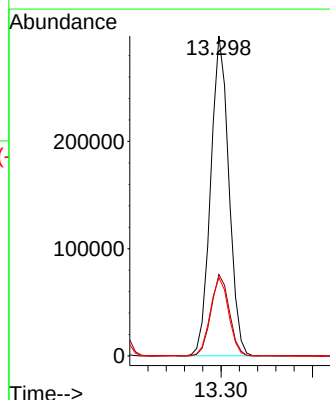
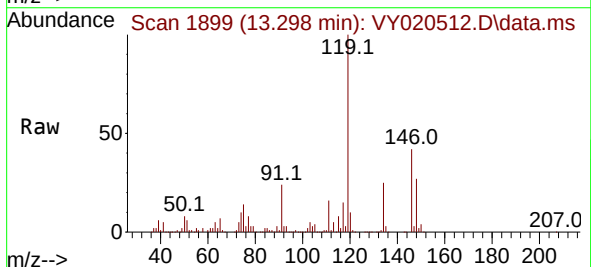
Tgt Ion:119 Resp: 410569

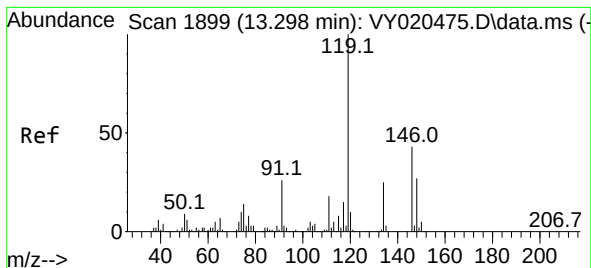
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 46.363 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

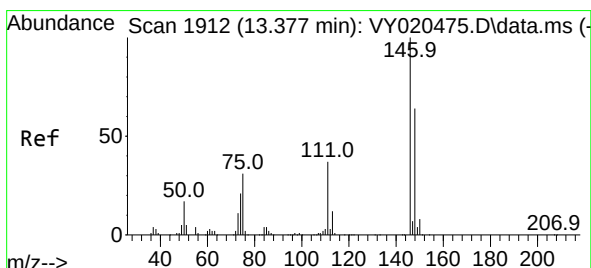
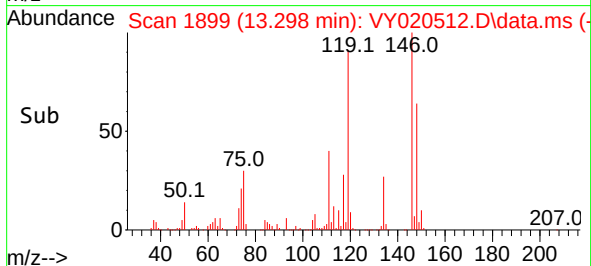
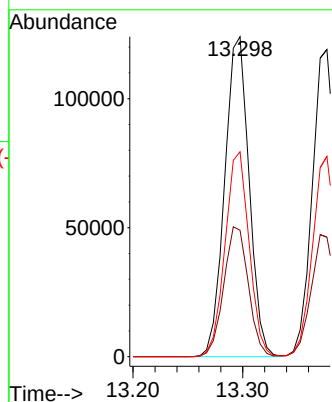
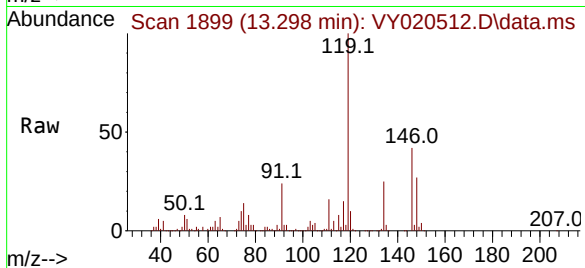
Tgt Ion:146 Resp: 191780

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 45.366 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

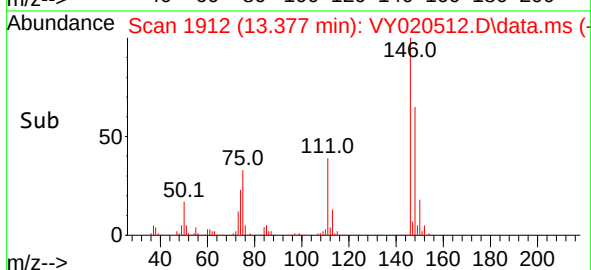
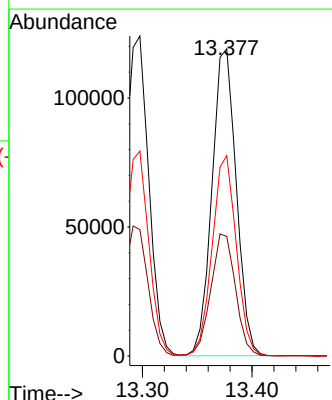
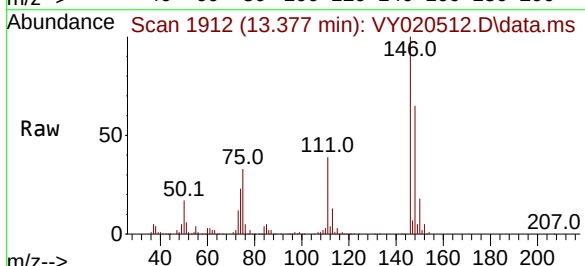
Tgt Ion:146 Resp: 183709

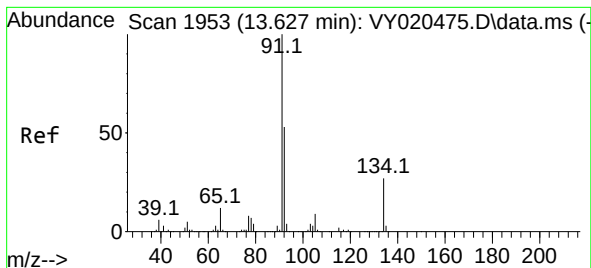
Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.6

148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 46.759 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

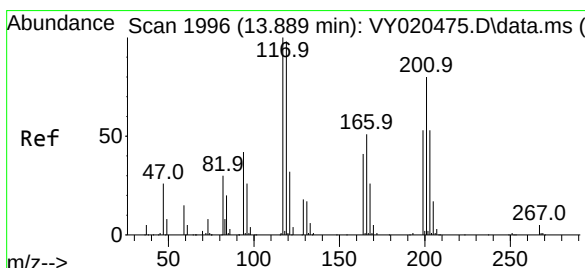
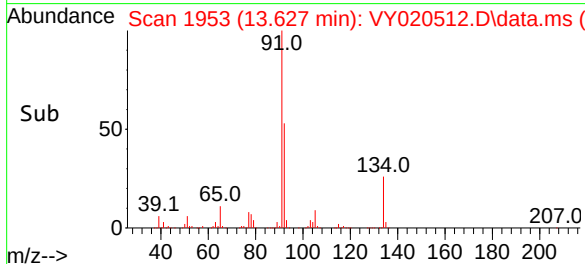
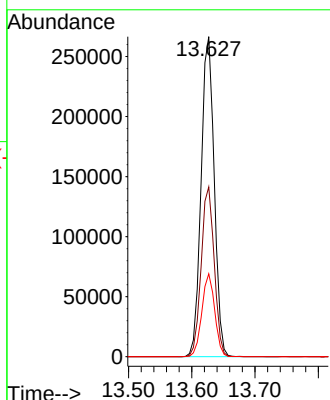
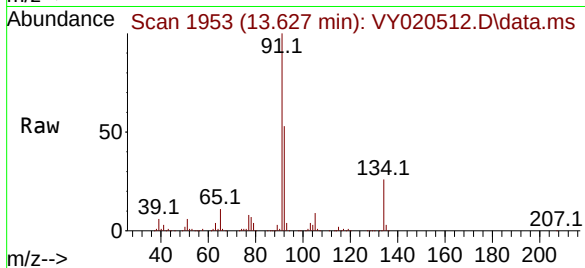
Tgt Ion: 91 Resp: 385401

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 25.3 12.2 36.4



#90

Hexachloroethane

Concen: 45.888 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020512.D

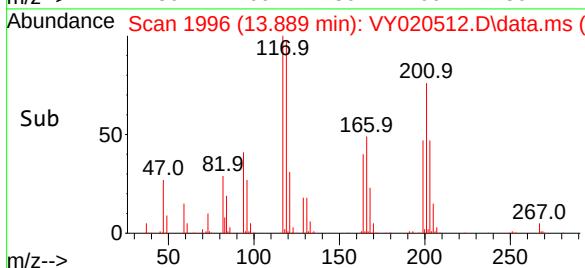
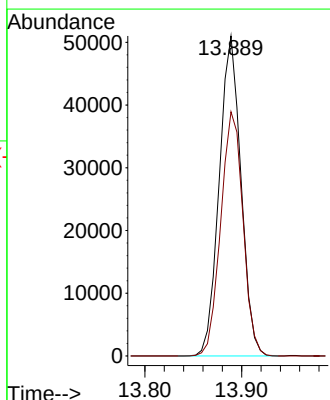
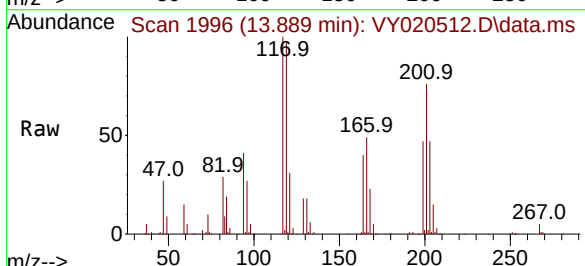
Acq: 04 Dec 2024 15:25

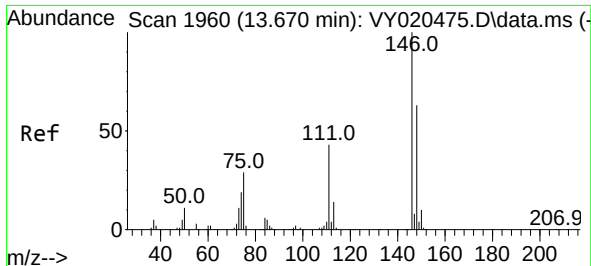
Tgt Ion: 117 Resp: 79474

Ion Ratio Lower Upper

117 100

201 78.0 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 46.507 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

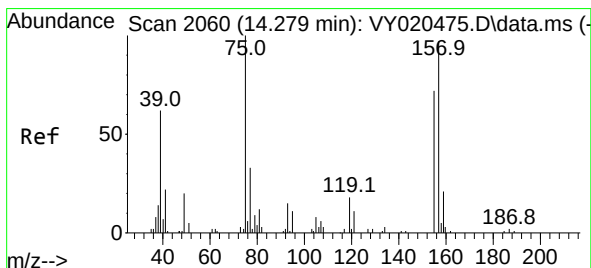
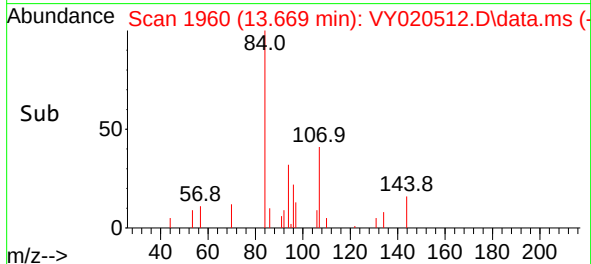
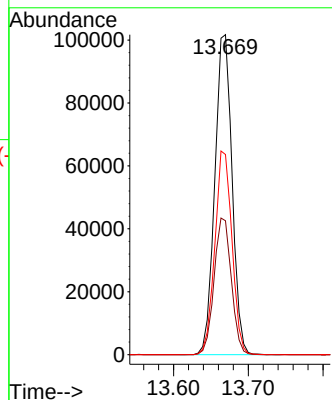
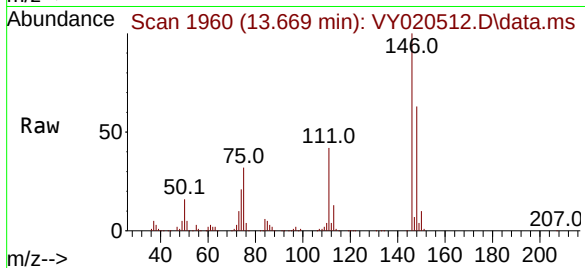
Tgt Ion:146 Resp: 163143

Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.5

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.105 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

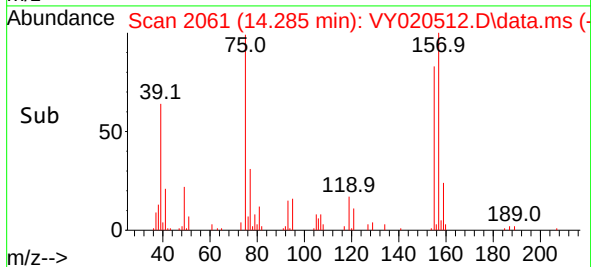
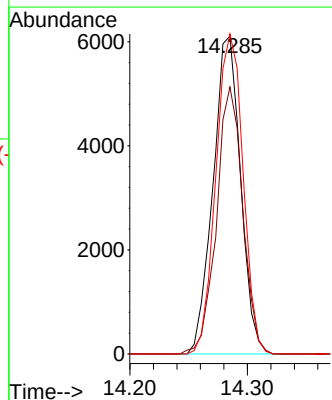
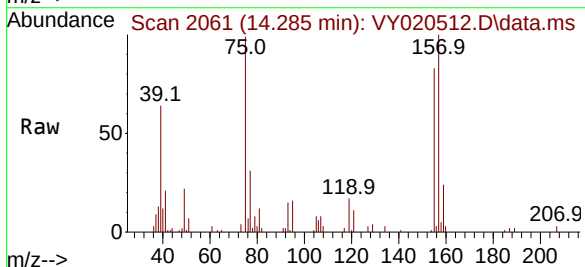
Tgt Ion: 75 Resp: 9945

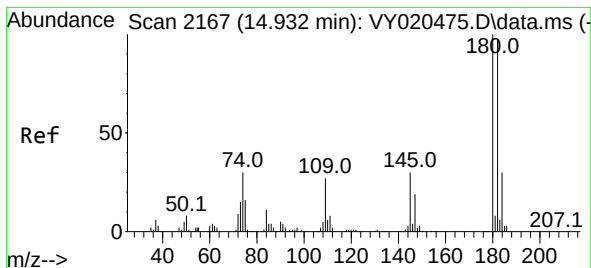
Ion Ratio Lower Upper

75 100

155 79.8 39.7 119.1

157 99.1 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 47.952 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

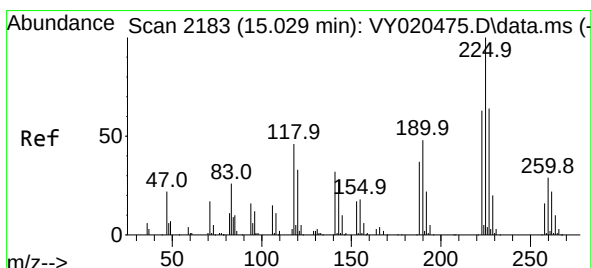
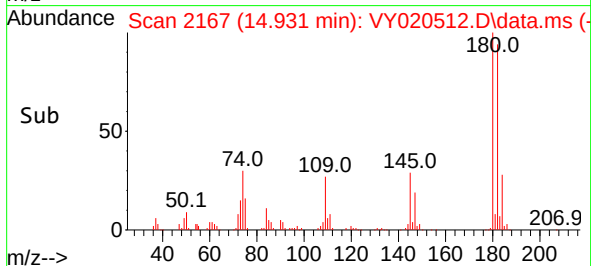
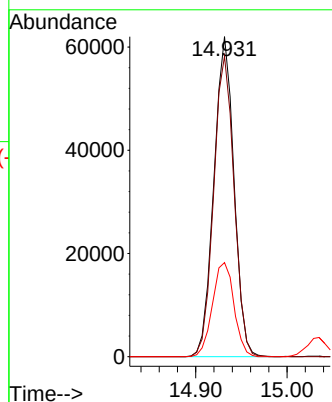
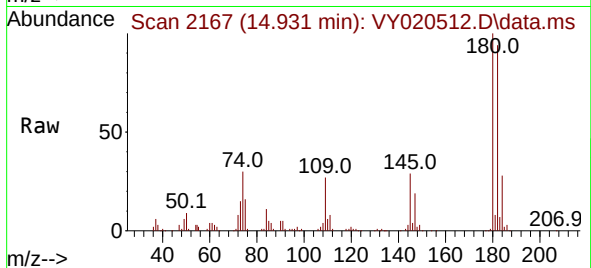
Tgt Ion:180 Resp: 94587

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 31.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 47.094 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

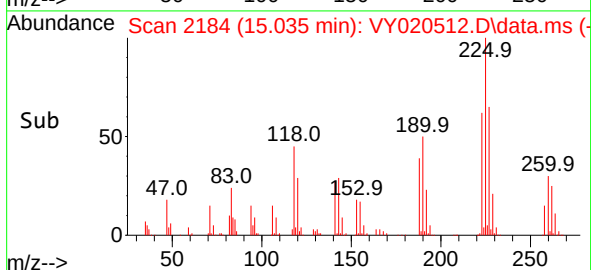
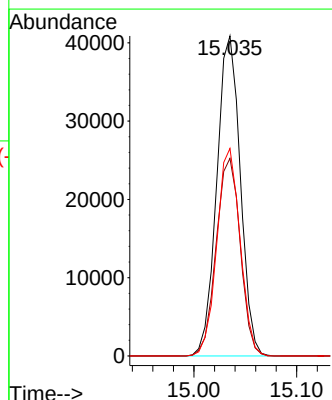
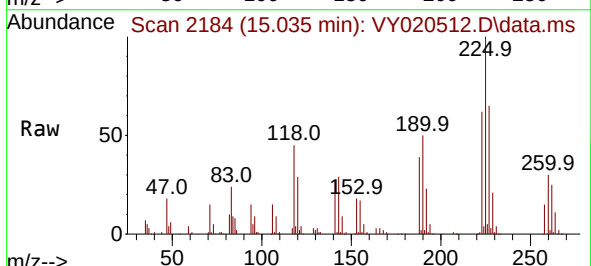
Tgt Ion:225 Resp: 64986

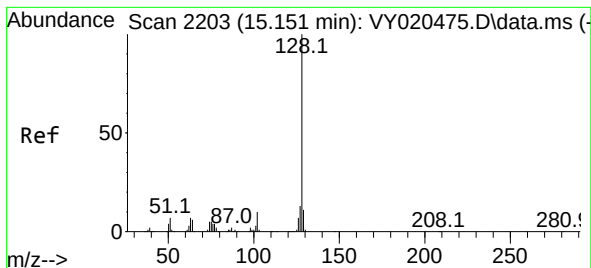
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 46.988 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

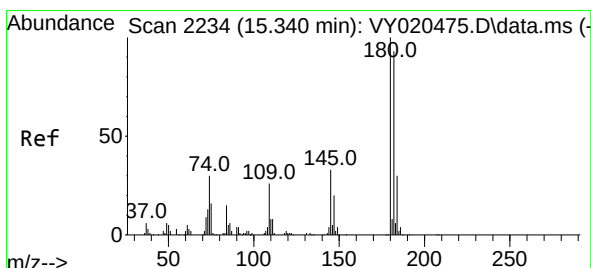
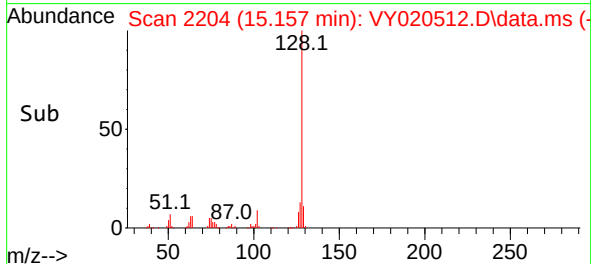
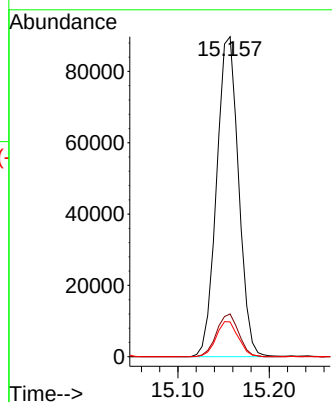
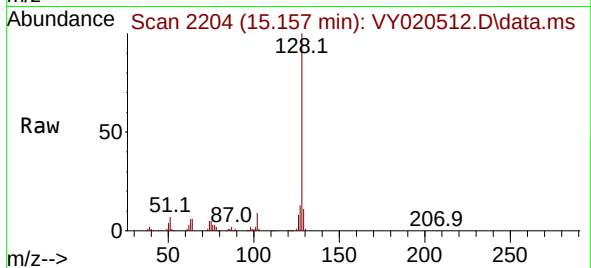
Tgt Ion:128 Resp: 149984

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.761 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020512.D

Acq: 04 Dec 2024 15:25

Tgt Ion:180 Resp: 76017

Ion Ratio Lower Upper

180 100

182 96.5 47.4 142.3

145 32.7 16.9 50.6

