

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020508.D
 Acq On : 04 Dec 2024 11:46
 Operator : SY/MD
 Sample : VY1204SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 03:22:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	153466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	247018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	207561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90084	57.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.440%	
35) Dibromofluoromethane	7.640	113	83801	53.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.109	98	316298	53.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.408	95	111693	53.931	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	26678	17.821	ug/l	99
3) Chloromethane	2.074	50	26227	17.304	ug/l	98
4) Vinyl Chloride	2.208	62	27186	17.592	ug/l	97
5) Bromomethane	2.598	94	16467	18.161	ug/l	99
6) Chloroethane	2.739	64	17294	18.259	ug/l	95
7) Trichlorofluoromethane	3.068	101	54101	18.692	ug/l	99
8) Diethyl Ether	3.464	74	17366	21.176	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	32268	19.134	ug/l	96
10) Methyl Iodide	4.013	142	36527	19.294	ug/l	94
11) Tert butyl alcohol	4.866	59	8404	83.006	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	29816	18.716	ug/l	92
13) Acrolein	3.659	56	10757	113.478	ug/l	97
14) Allyl chloride	4.391	41	54645	19.232	ug/l	97
15) Acrylonitrile	5.074	53	38911	113.879	ug/l	99
16) Acetone	3.879	43	38044	98.030	ug/l	99
17) Carbon Disulfide	4.116	76	75899	16.646	ug/l	99
18) Methyl Acetate	4.397	43	19245	23.332	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	89858	22.087	ug/l	95
20) Methylene Chloride	4.622	84	34295	20.774	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	33754	19.076	ug/l	99
22) Diisopropyl ether	6.025	45	120423	21.314	ug/l	98
23) Vinyl Acetate	5.970	43	324478	108.576	ug/l	99
24) 1,1-Dichloroethane	5.927	63	68037	20.002	ug/l	99
25) 2-Butanone	6.902	43	54454	111.119	ug/l	97
26) 2,2-Dichloropropane	6.896	77	61609	19.149	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	41985	20.320	ug/l	97
28) Bromochloromethane	7.250	49	24264	19.102	ug/l	94
29) Tetrahydrofuran	7.268	42	32230	115.286	ug/l	97
30) Chloroform	7.427	83	70987	20.334	ug/l	91
31) Cyclohexane	7.707	56	56469	18.363	ug/l #	91
32) 1,1,1-Trichloroethane	7.622	97	67395	20.049	ug/l	96
36) 1,1-Dichloropropene	7.841	75	49649	18.906	ug/l	99
37) Ethyl Acetate	6.994	43	22801	21.916	ug/l	97
38) Carbon Tetrachloride	7.829	117	60525	19.311	ug/l	97
39) Methylcyclohexane	9.116	83	60612	18.600	ug/l	98
40) Benzene	8.085	78	150537	19.442	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13231	22.371	ug/l	99
42) 1,2-Dichloroethane	8.164	62	42646	20.961	ug/l	99
43) Isopropyl Acetate	8.201	43	46555	22.160	ug/l	96
44) Trichloroethene	8.872	130	36896	19.330	ug/l	99
45) 1,2-Dichloropropane	9.140	63	36928	20.381	ug/l	97
46) Dibromomethane	9.237	93	19571	21.816	ug/l	98
47) Bromodichloromethane	9.426	83	54787	20.728	ug/l	97
48) Methyl methacrylate	9.225	41	21188	21.628	ug/l	95
49) 1,4-Dioxane	9.231	88	4002	466.706	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	119746	115.417	ug/l	100
52) Toluene	10.170	92	95778	19.826	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	49406	20.821	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	57189	20.393	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	25916	21.656	ug/l	98
56) Ethyl methacrylate	10.438	69	37561	22.183	ug/l	96
57) 1,3-Dichloropropane	10.719	76	46312	21.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	82349	103.872	ug/l	97
59) 2-Hexanone	10.762	43	82975	110.860	ug/l	96
60) Dibromochloromethane	10.914	129	35329	21.205	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23224	21.222	ug/l	99
64) Tetrachloroethene	10.646	164	34087	19.436	ug/l	92
65) Chlorobenzene	11.444	112	102869	19.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	37937	20.561	ug/l	96
67) Ethyl Benzene	11.524	91	189611	19.444	ug/l	100
68) m/p-Xylenes	11.627	106	140663	39.392	ug/l	99
69) o-Xylene	11.956	106	66086	19.755	ug/l	97
70) Styrene	11.975	104	112949	20.237	ug/l	99
71) Bromoform	12.133	173	20383	21.728	ug/l #	99
73) Isopropylbenzene	12.255	105	182624	18.387	ug/l	99
74) N-amyl acetate	12.072	43	41616	21.378	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	28993	20.299	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	39778	38.040	ug/l #	100
77) Bromobenzene	12.536	156	39282	19.098	ug/l	97
78) n-propylbenzene	12.597	91	217076	18.460	ug/l	98
79) 2-Chlorotoluene	12.682	91	123649	18.634	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	150673	18.930	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10030	19.681	ug/l	98
82) 4-Chlorotoluene	12.780	91	126598	18.696	ug/l	100
83) tert-Butylbenzene	12.999	119	134627	18.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	150296	19.428	ug/l	99
85) sec-Butylbenzene	13.176	105	192462	18.662	ug/l	99
86) p-Isopropyltoluene	13.292	119	163735	19.213	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	78335	19.748	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	77021	19.834	ug/l	99
89) n-Butylbenzene	13.621	91	151742	19.198	ug/l	98
90) Hexachloroethane	13.883	117	31165	18.765	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	68243	20.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4577	21.167	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	40789	21.564	ug/l	98
94) Hexachlorobutadiene	15.029	225	26647	20.137	ug/l	99
95) Naphthalene	15.151	128	70867	23.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34006	22.280	ug/l	98

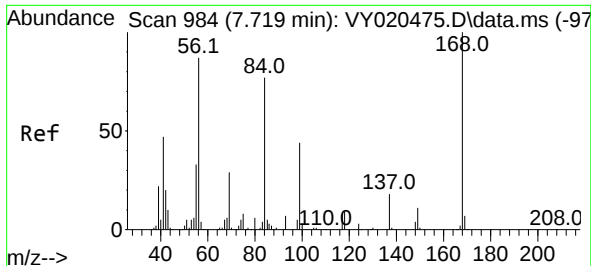
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
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Operator : SY/MD
Sample : VY1204SBSD01
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Response via : Initial Calibration

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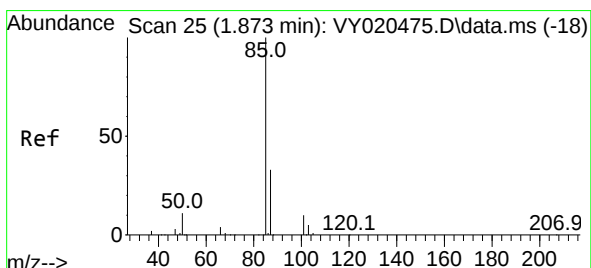
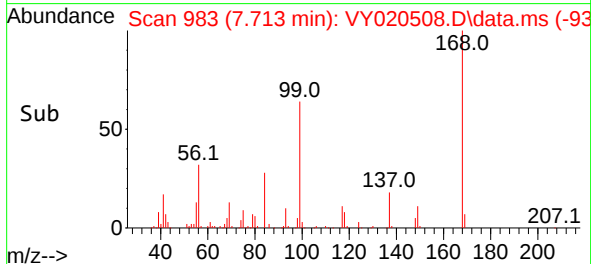
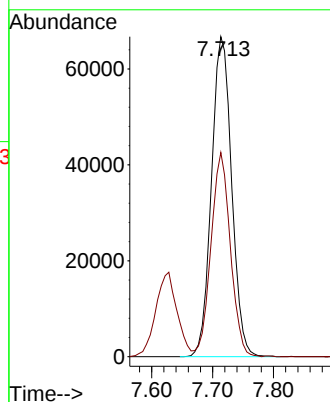
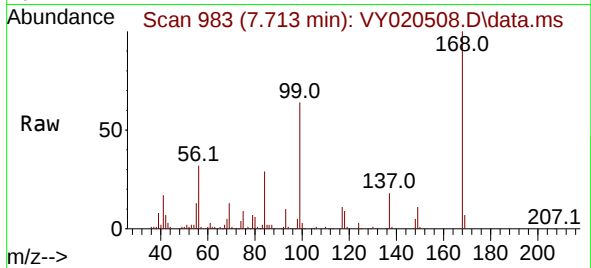
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

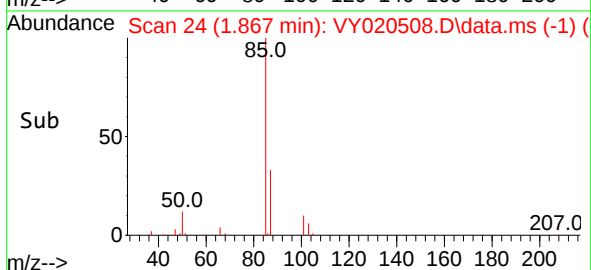
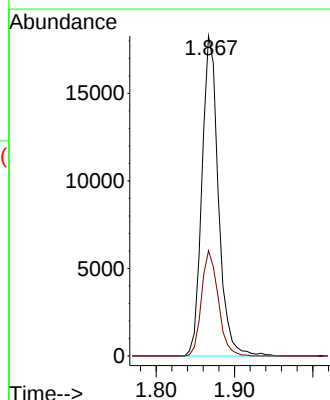
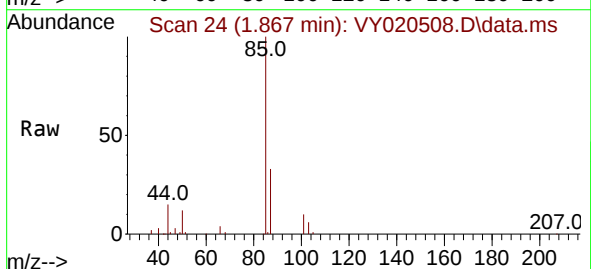
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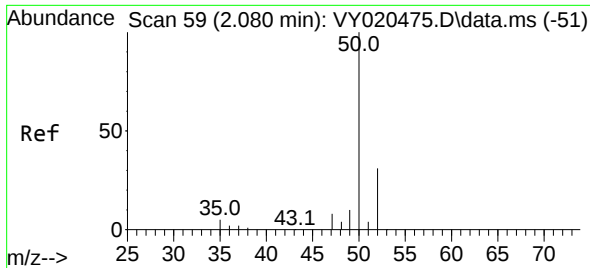
Tgt Ion:168 Resp: 153466
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 17.821 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 85 Resp: 26678
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

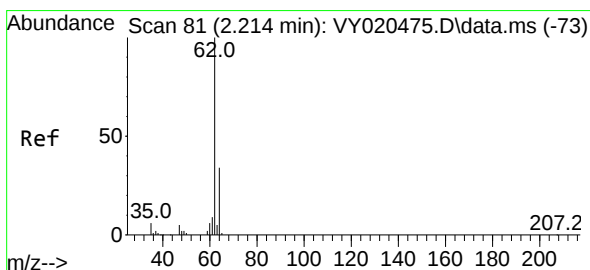
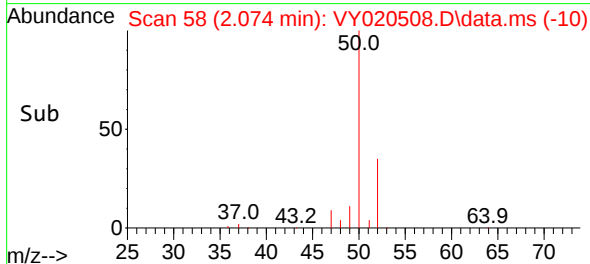
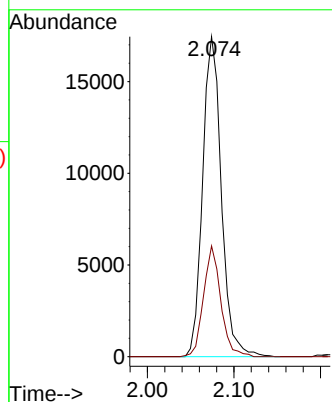
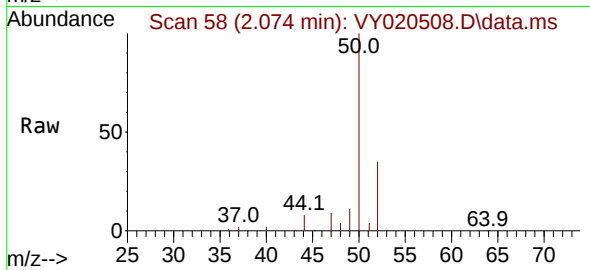




#3
 Chloromethane
 Concen: 17.304 ug/l
 RT: 2.074 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

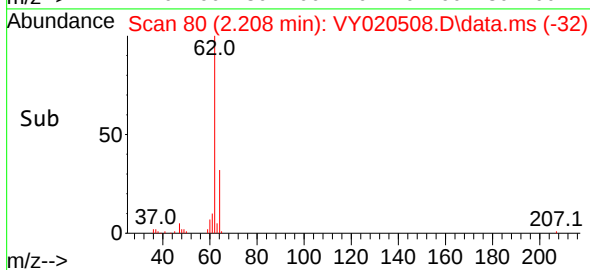
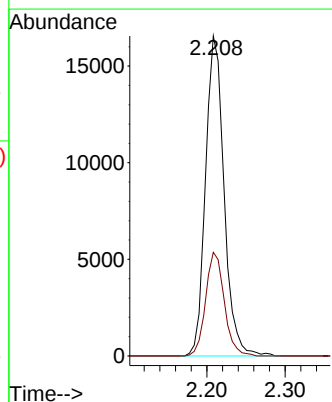
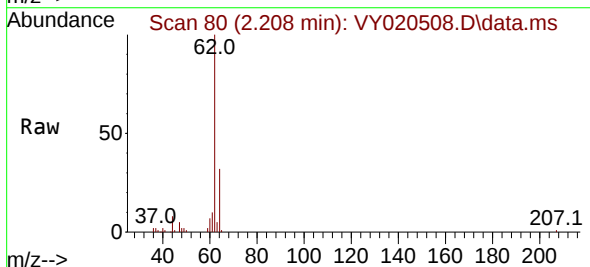
Instrument :
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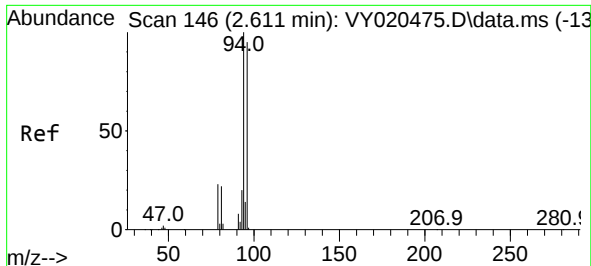
Tgt Ion: 50 Resp: 26227
 Ion Ratio Lower Upper
 50 100
 52 34.6 26.9 40.3



#4
 Vinyl Chloride
 Concen: 17.592 ug/l
 RT: 2.208 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

Tgt Ion: 62 Resp: 27186
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.7 37.1

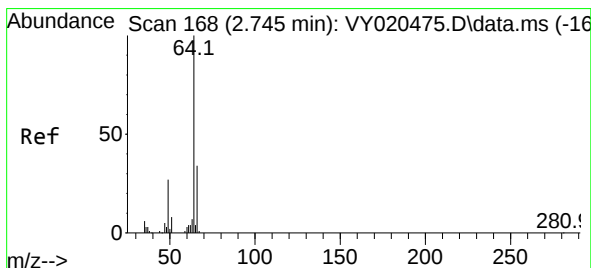
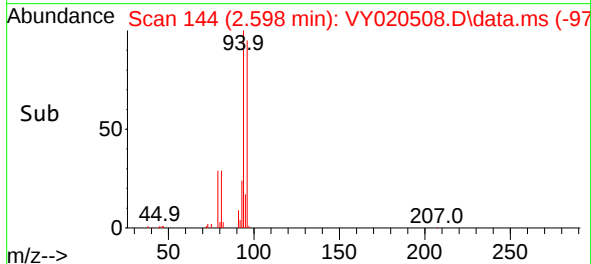
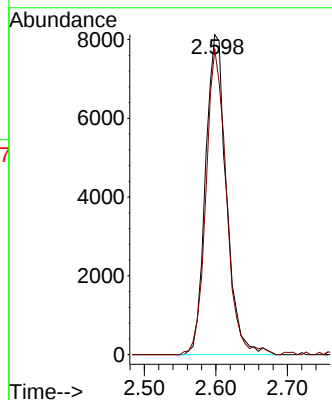
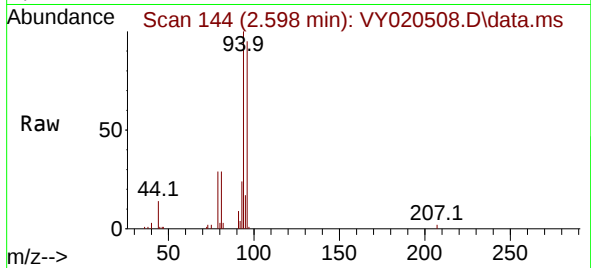




#5
Bromomethane
Concen: 18.161 ug/l
RT: 2.598 min Scan# 146
Delta R.T. -0.012 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

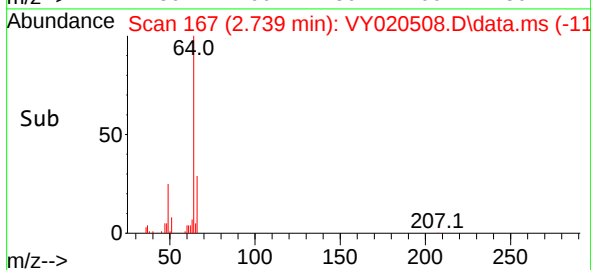
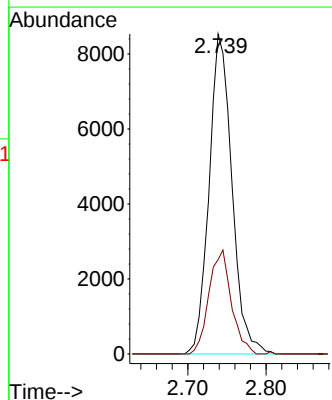
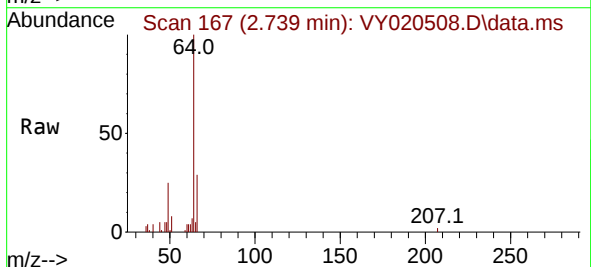
Instrument :
MSVOA_Y
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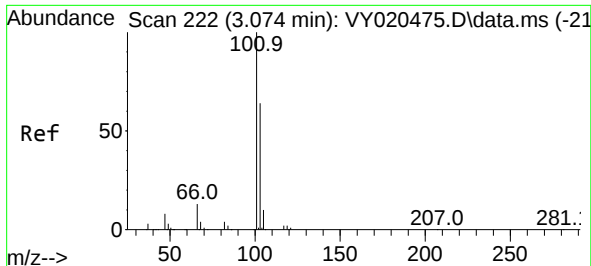
Tgt Ion: 94 Resp: 16467
Ion Ratio Lower Upper
94 100
96 95.4 75.4 113.2



#6
Chloroethane
Concen: 18.259 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 64 Resp: 17294
Ion Ratio Lower Upper
64 100
66 29.5 25.7 38.5

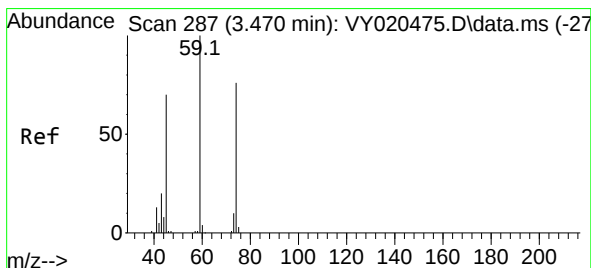
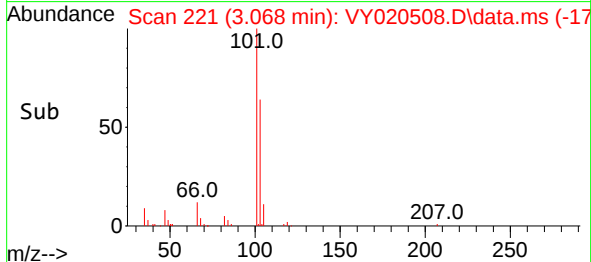
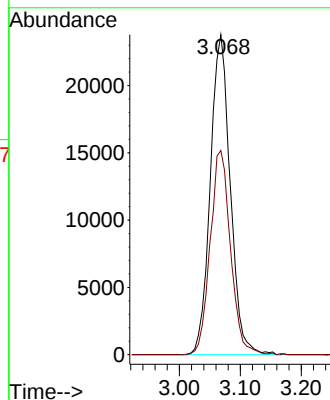
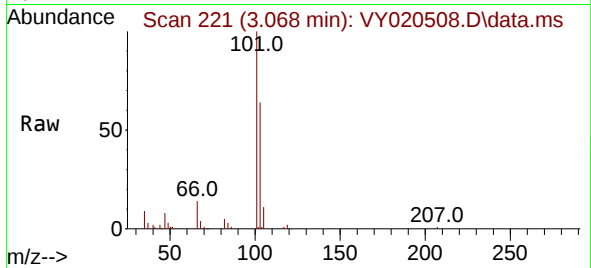




#7
Trichlorofluoromethane
Concen: 18.692 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

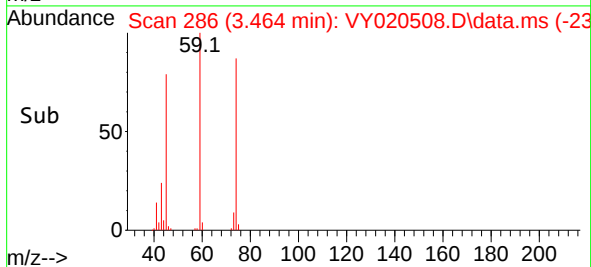
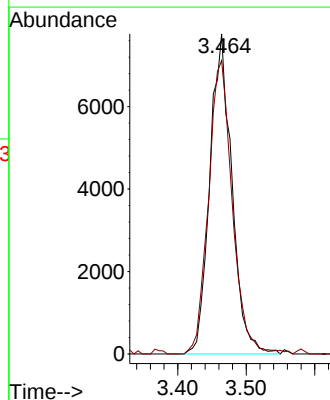
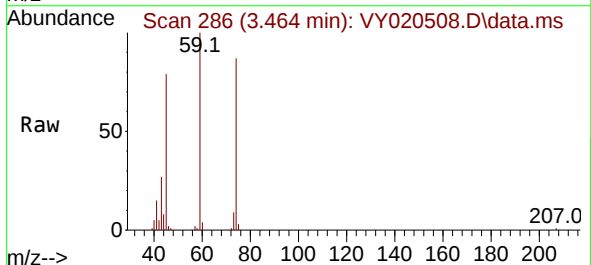
Instrument :
MSVOA_Y
ClientSampleId :

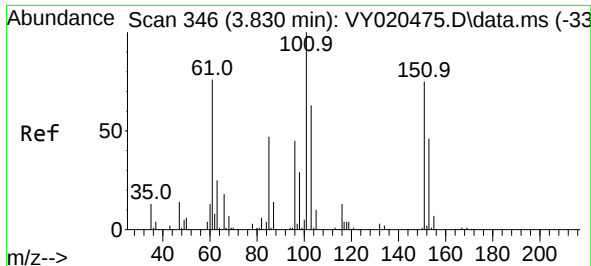
Tgt Ion:101 Resp: 54101
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3



#8
Diethyl Ether
Concen: 21.176 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 74 Resp: 17366
Ion Ratio Lower Upper
74 100
45 98.4 53.6 160.8

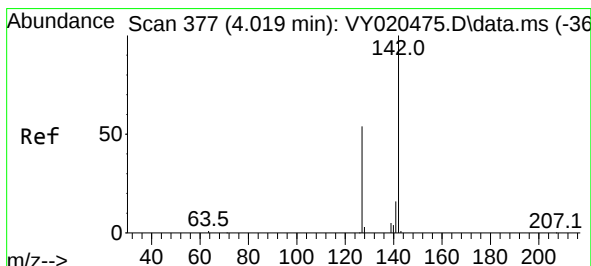
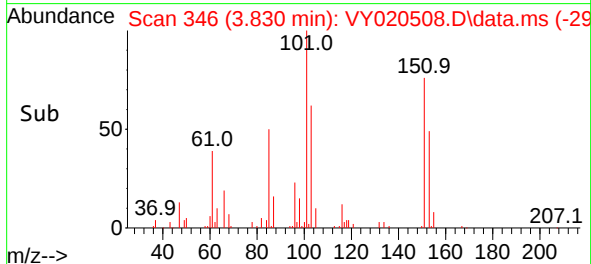
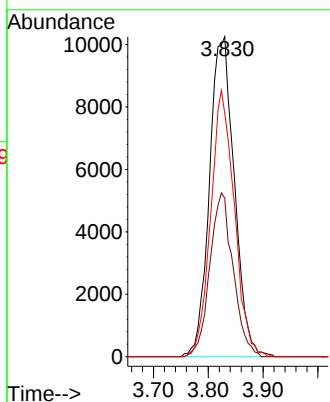
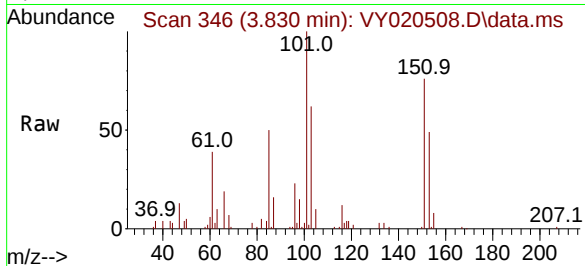




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.134 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020508.D
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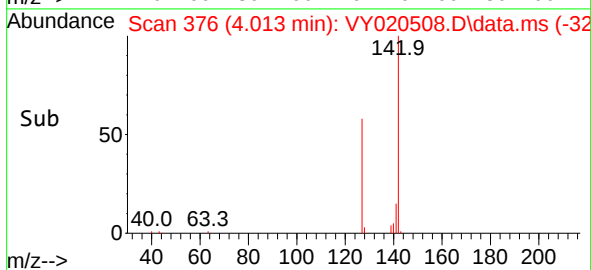
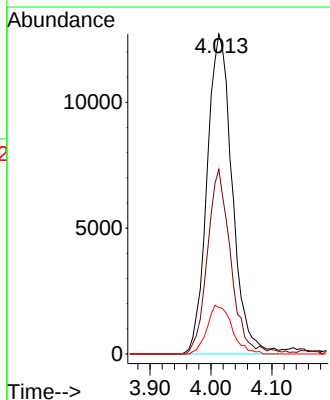
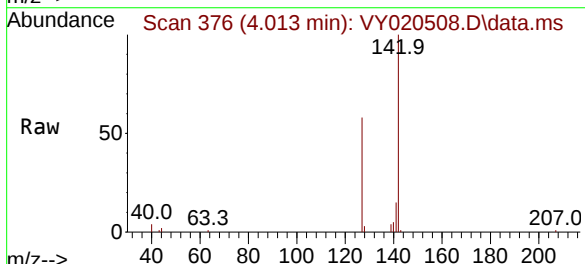
Instrument :
MSVOA_Y
ClientSampleId :

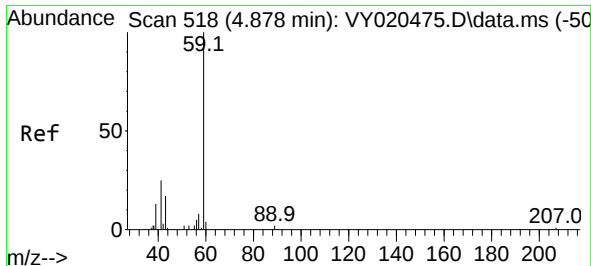
Tgt Ion:101 Resp: 32268
Ion Ratio Lower Upper
101 100
85 48.0 38.0 57.0
151 79.1 59.6 89.4



#10
Methyl Iodide
Concen: 19.294 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion:142 Resp: 36527
Ion Ratio Lower Upper
142 100
127 54.0 38.9 58.3
141 15.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 83.006 ug/l

RT: 4.866 min Scan# 518

Delta R.T. -0.012 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

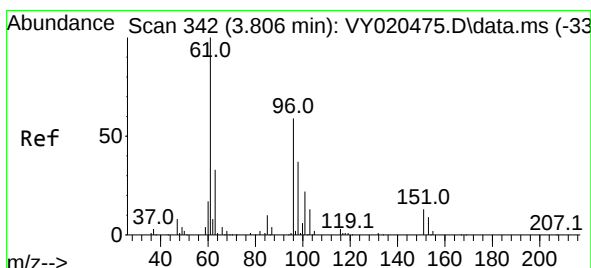
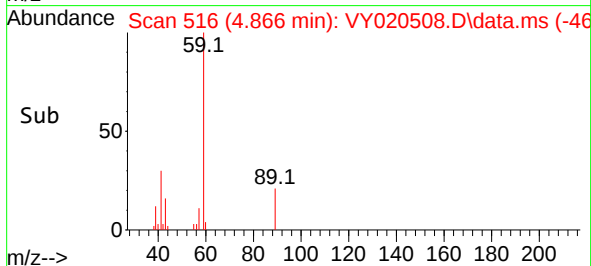
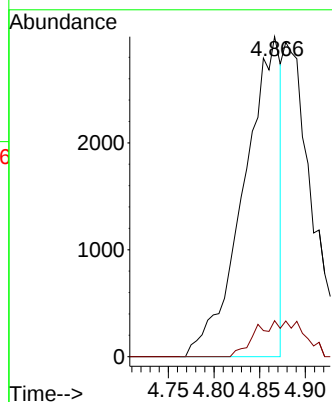
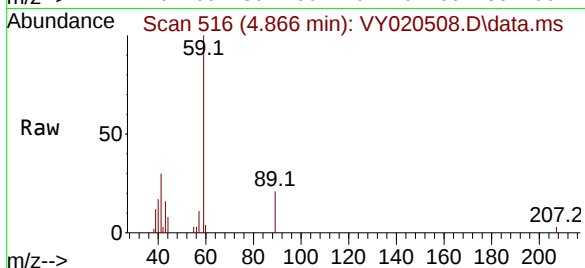
ClientSampleId :

Tgt Ion: 59 Resp: 8404

Ion Ratio Lower Upper

59 100

57 7.8 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 18.716 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

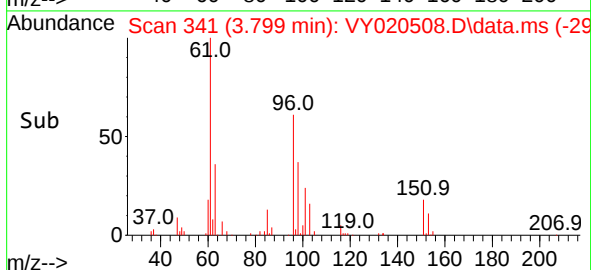
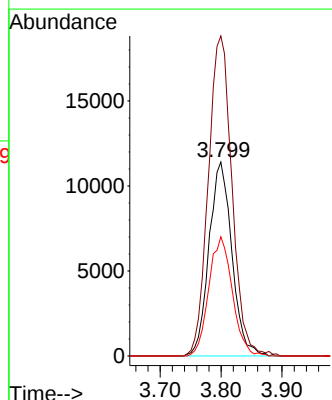
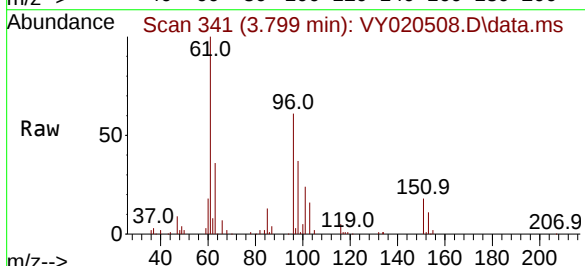
Tgt Ion: 96 Resp: 29816

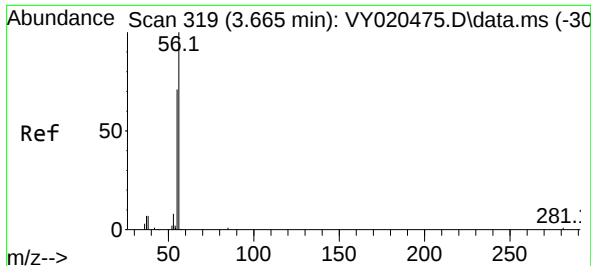
Ion Ratio Lower Upper

96 100

61 165.0 143.3 214.9

98 61.4 49.8 74.8

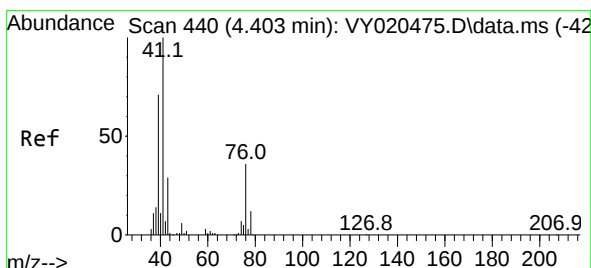
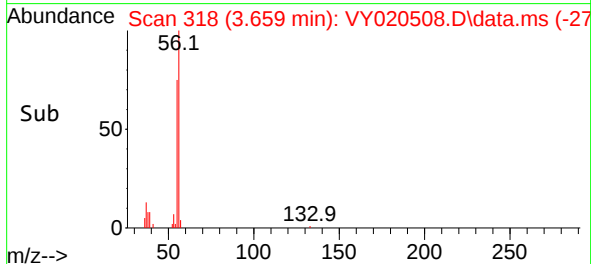
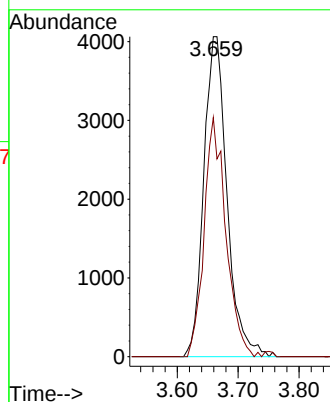
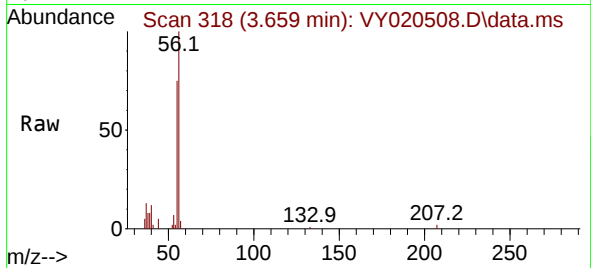




#13
Acrolein
Concen: 113.478 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

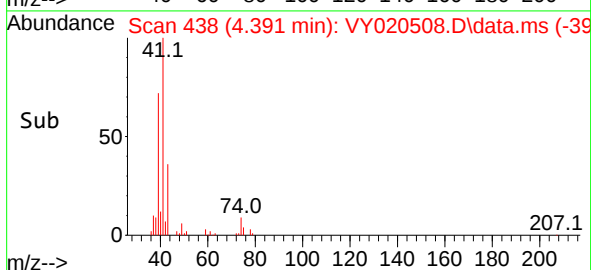
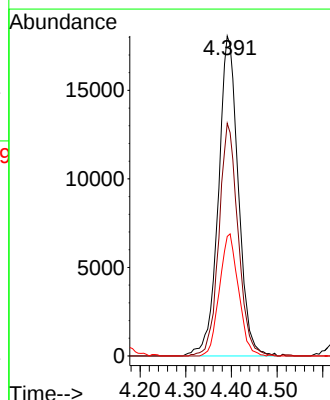
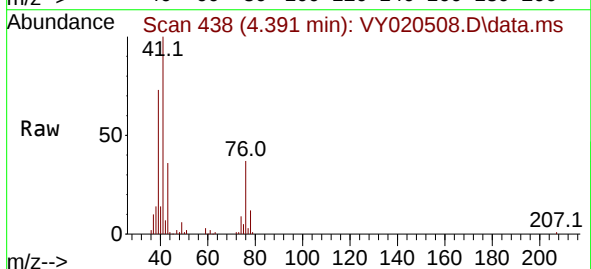
Instrument :
MSVOA_Y
ClientSampleId :

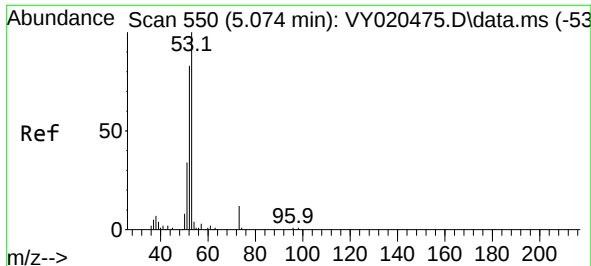
Tgt Ion: 56 Resp: 10757
Ion Ratio Lower Upper
56 100
55 69.9 57.7 86.5



#14
Allyl chloride
Concen: 19.232 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

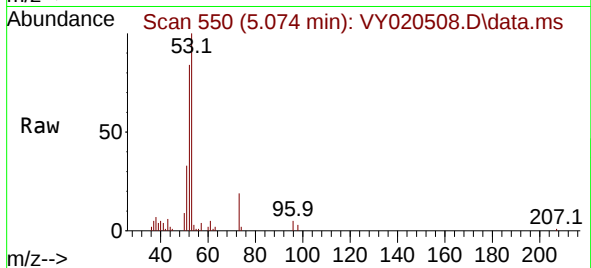
Tgt Ion: 41 Resp: 54645
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 36.4 29.7 44.5



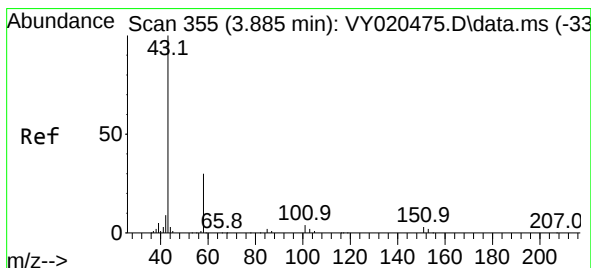
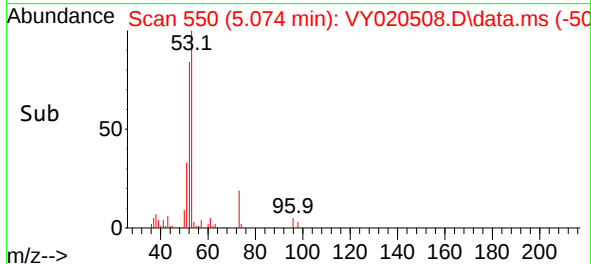
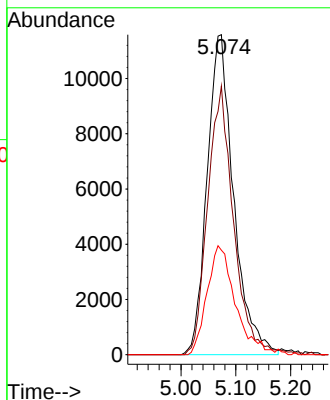


#15
Acrylonitrile
Concen: 113.879 ug/l
RT: 5.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

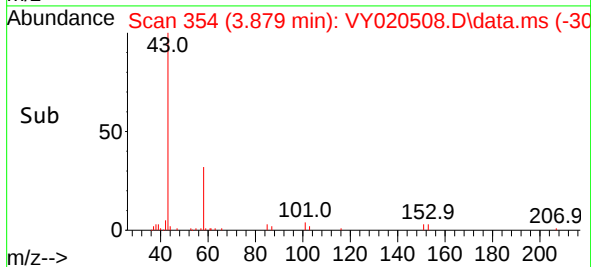
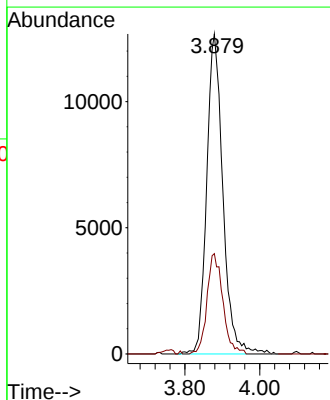
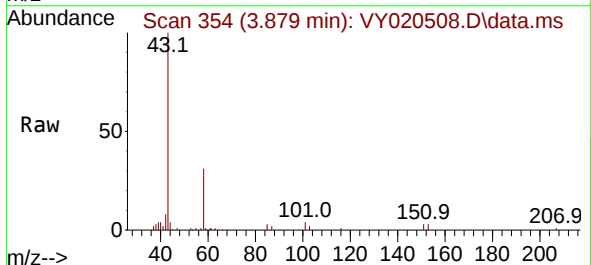


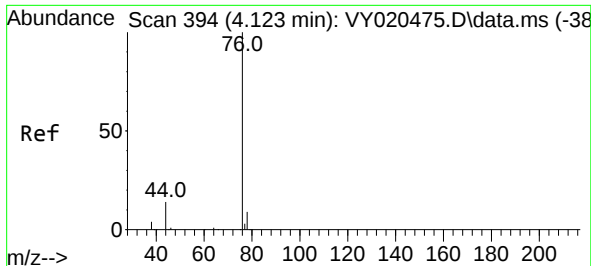
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.2	97.8
51	36.3	30.2	45.4



#16
Acetone
Concen: 98.030 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.7	38.5

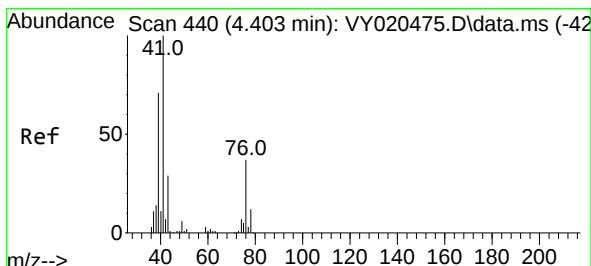
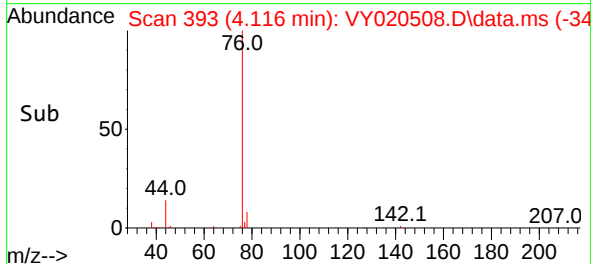
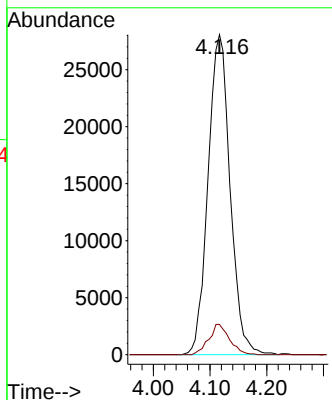
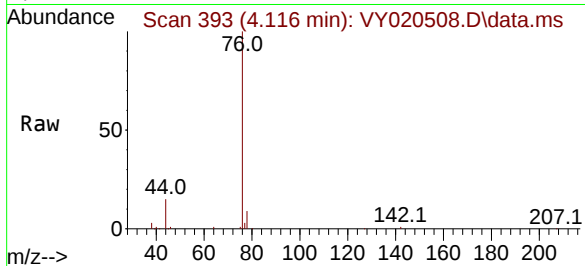




#17
Carbon Disulfide
Concen: 16.646 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

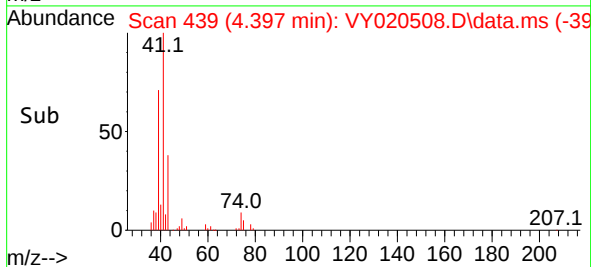
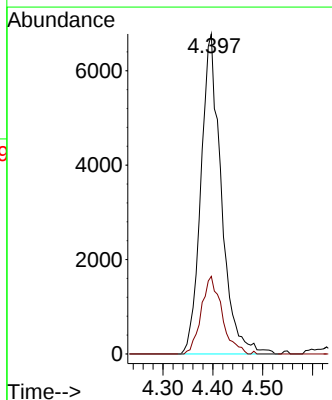
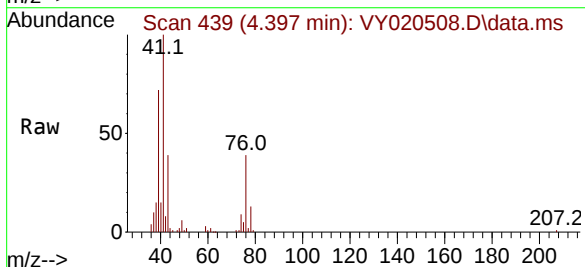
Instrument :
MSVOA_Y
ClientSampleId :

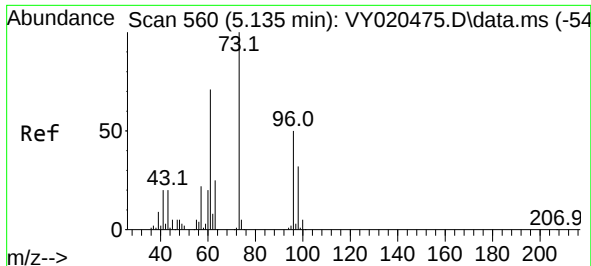
Tgt Ion: 76 Resp: 75899
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 23.332 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 43 Resp: 19245
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 22.087 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

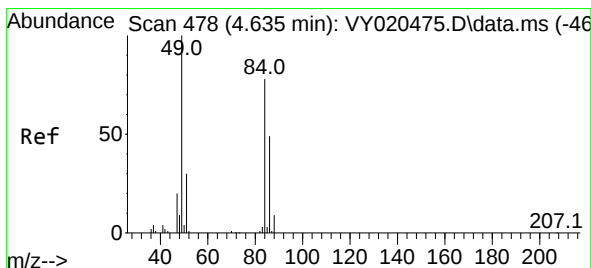
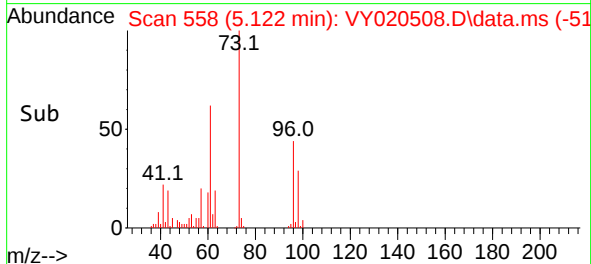
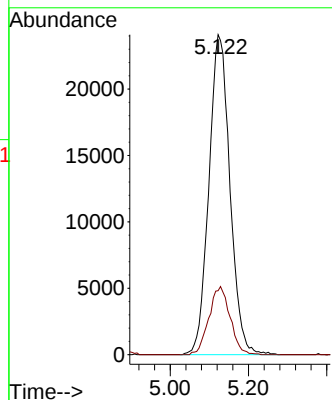
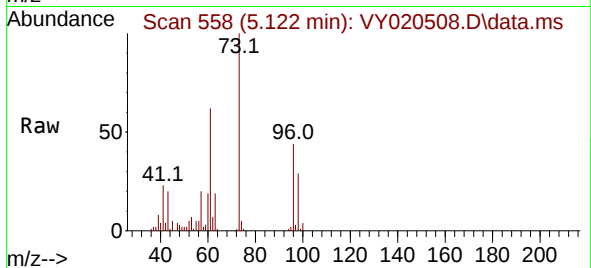
ClientSampleId :

Tgt Ion: 73 Resp: 89858

Ion Ratio Lower Upper

73 100

57 20.0 18.0 27.0



#20

Methylene Chloride

Concen: 20.774 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Tgt Ion: 84 Resp: 34295

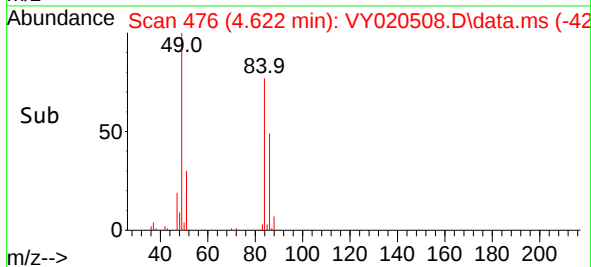
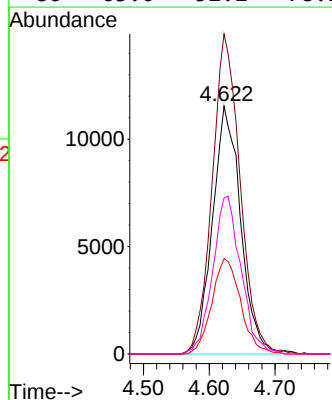
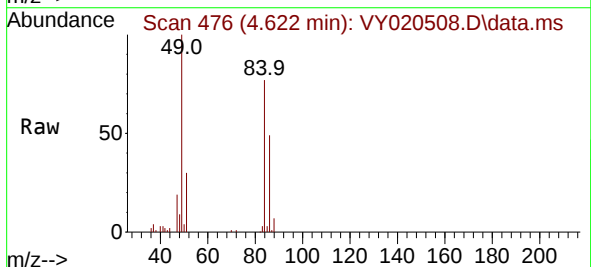
Ion Ratio Lower Upper

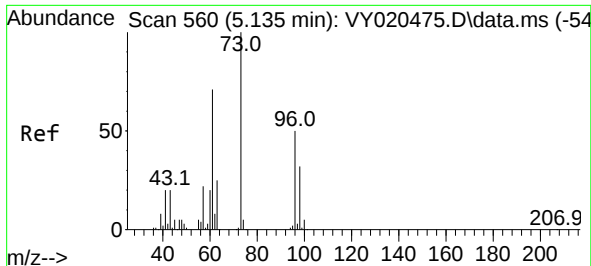
84 100

49 129.2 104.7 157.1

51 38.5 33.4 50.0

86 63.0 52.2 78.2

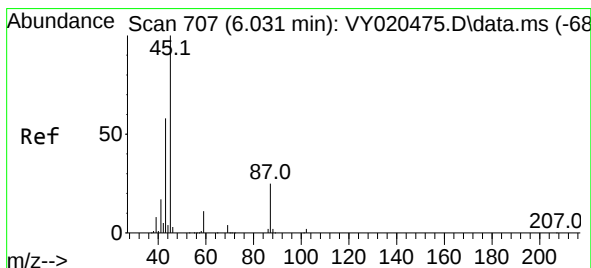
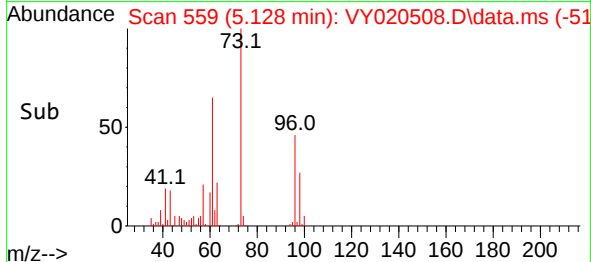
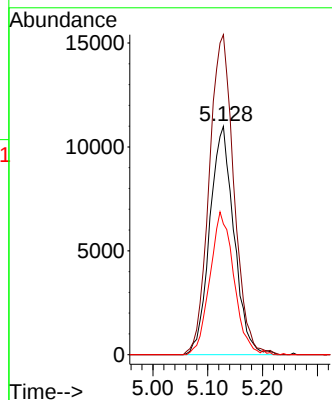
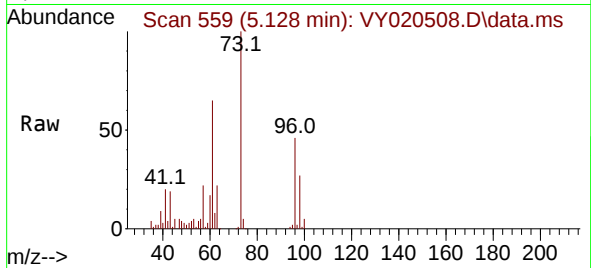




#21
trans-1,2-Dichloroethene
Concen: 19.076 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

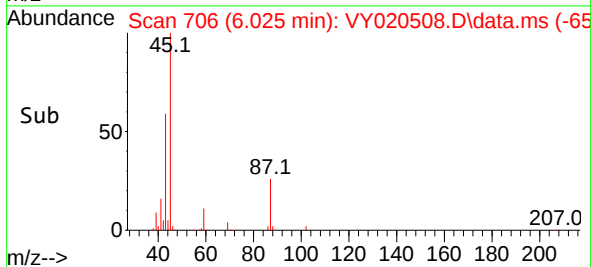
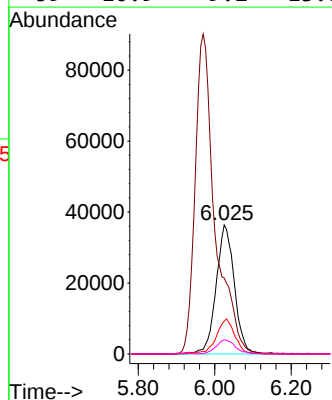
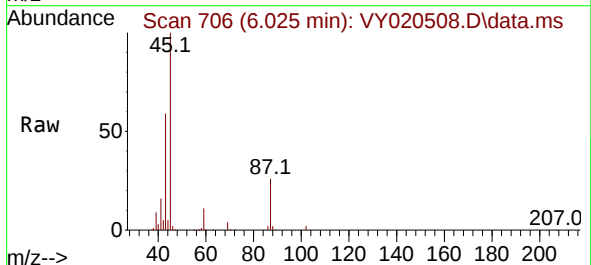
Instrument :
MSVOA_Y
ClientSampleId :

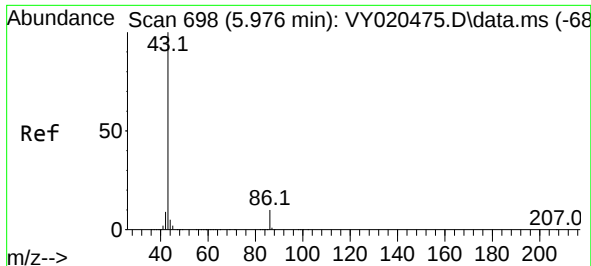
Tgt Ion: 96 Resp: 33754
Ion Ratio Lower Upper
96 100
61 140.1 111.6 167.4
98 57.3 46.7 70.1



#22
Diisopropyl ether
Concen: 21.314 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 45 Resp: 120423
Ion Ratio Lower Upper
45 100
43 58.5 44.8 67.2
87 25.6 20.6 30.8
59 10.9 9.2 13.8

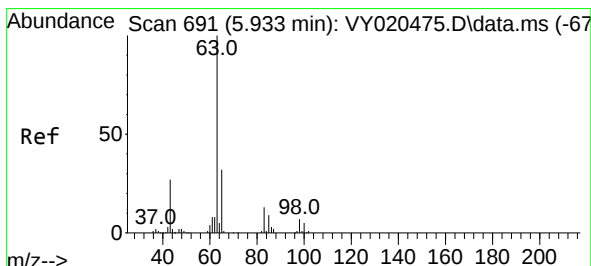
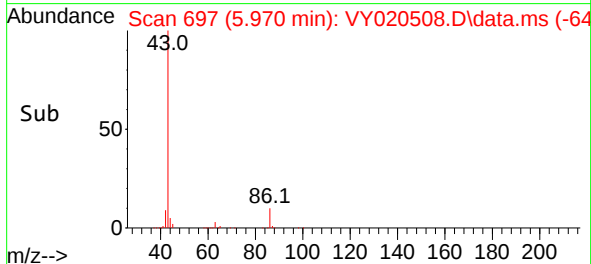
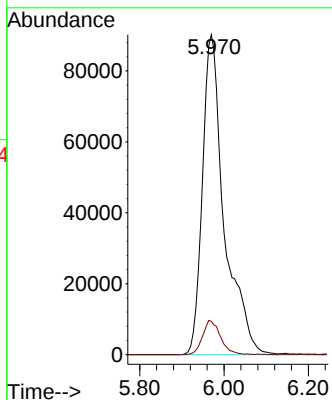
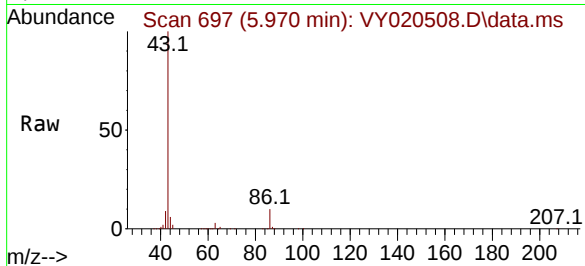




#23
 Vinyl Acetate
 Concen: 108.576 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

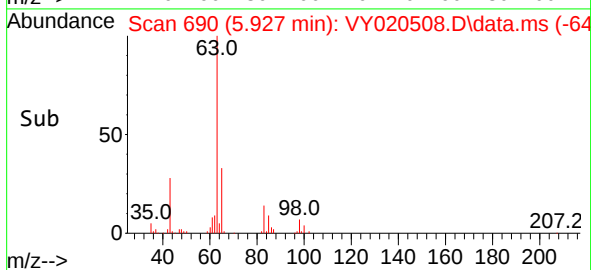
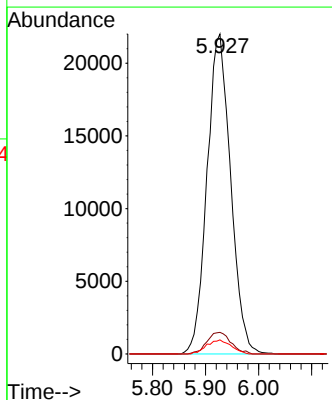
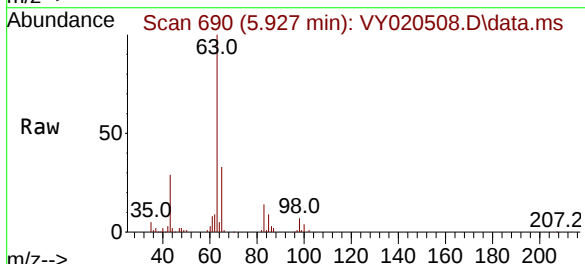
Instrument :
 MSVOA_Y
 ClientSampleId :

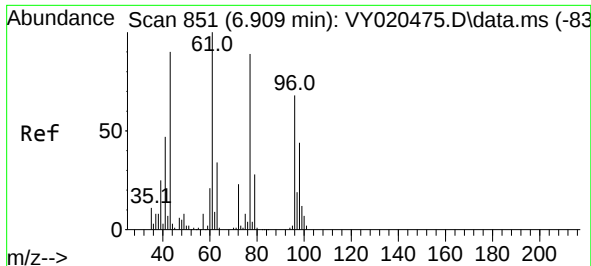
Tgt Ion: 43 Resp: 324478
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.002 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

Tgt Ion: 63 Resp: 68037
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.4 2.0 5.8

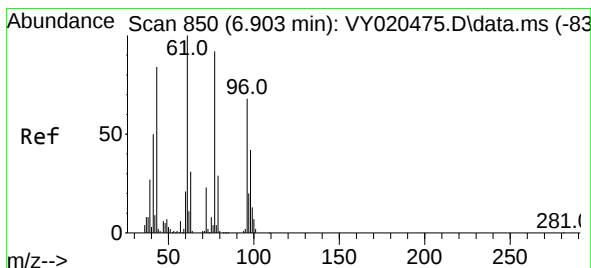
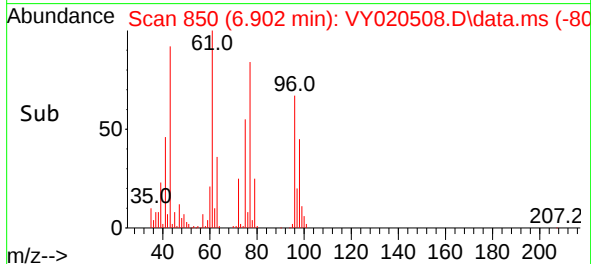
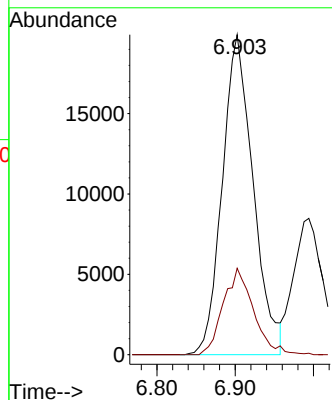
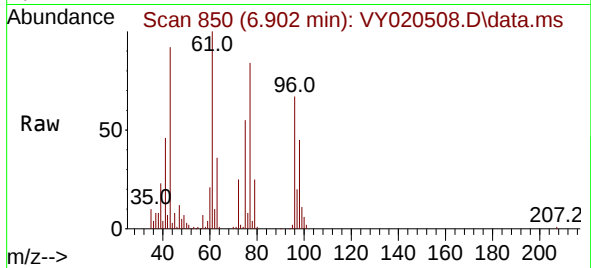




#25
2-Butanone
Concen: 111.119 ug/l
RT: 6.902 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

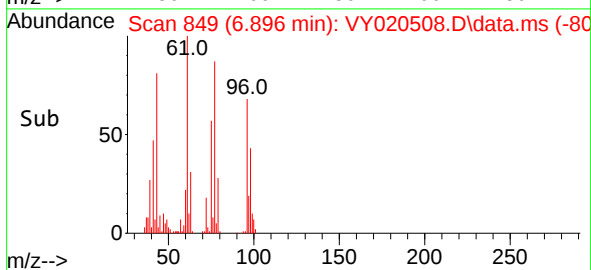
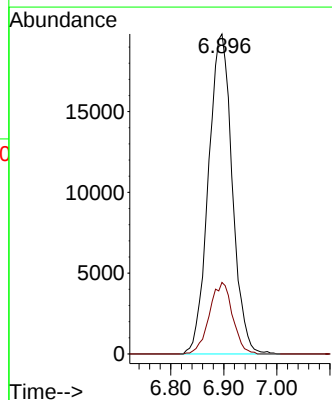
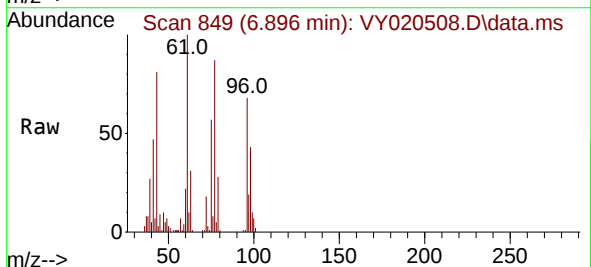
Instrument :
MSVOA_Y
ClientSampleId :

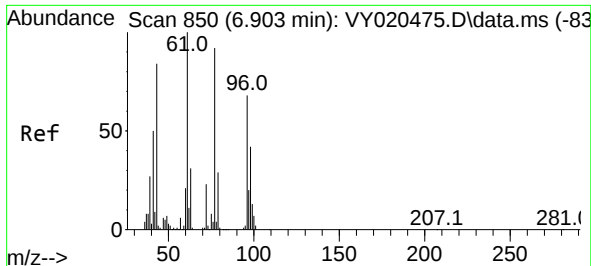
Tgt Ion: 43 Resp: 54454
Ion Ratio Lower Upper
43 100
72 27.0 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.149 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 77 Resp: 61609
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 20.320 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

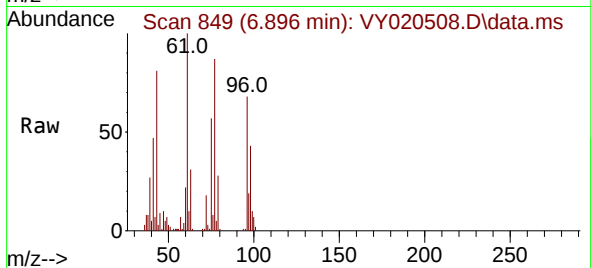
Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



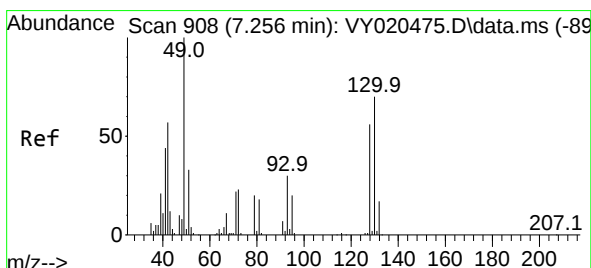
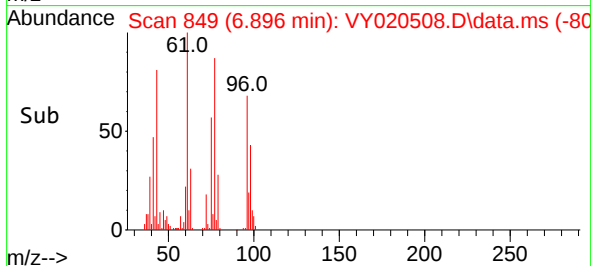
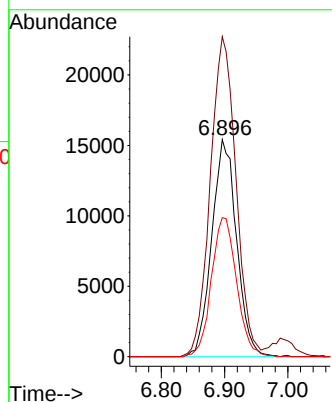
Tgt Ion: 96 Resp: 41985

Ion Ratio Lower Upper

96 100

61 152.3 0.0 312.4

98 65.1 0.0 126.8



#28

Bromochloromethane

Concen: 19.102 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

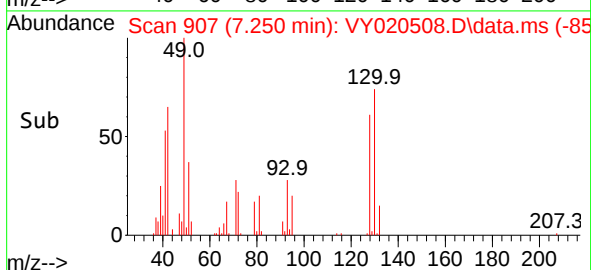
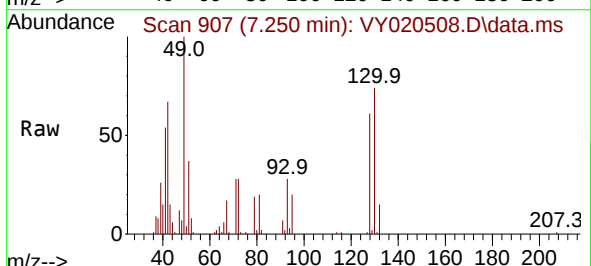
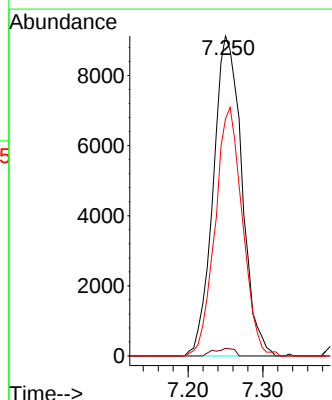
Tgt Ion: 49 Resp: 24264

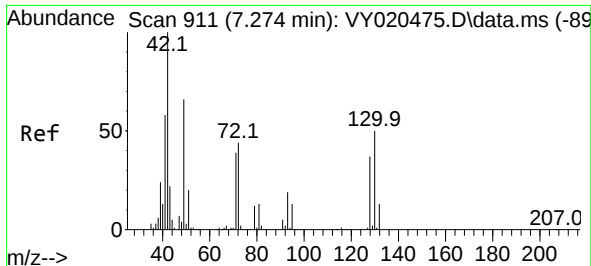
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 74.2 55.0 82.6





#29

Tetrahydrofuran

Concen: 115.286 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

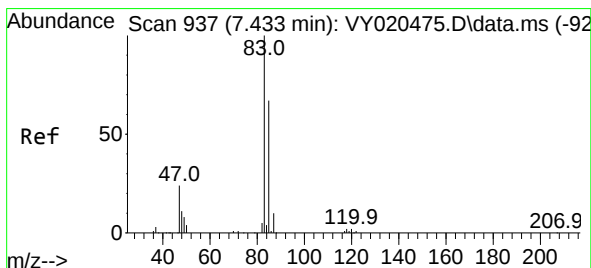
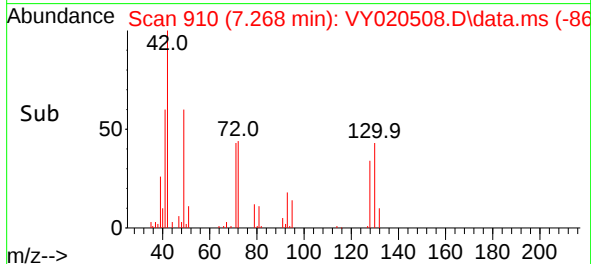
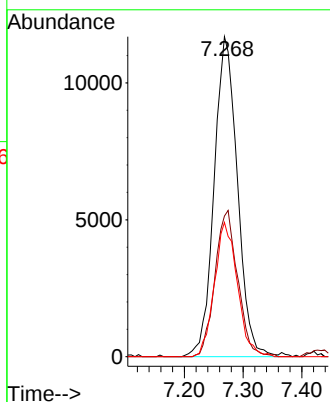
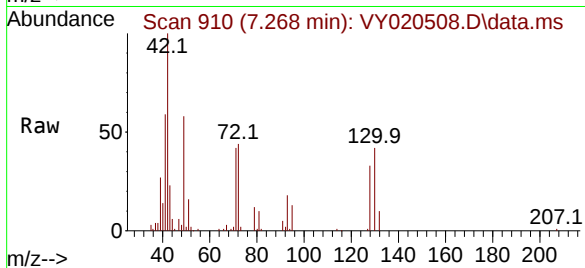
Tgt Ion: 42 Resp: 32230

Ion Ratio Lower Upper

42 100

72 44.6 33.4 50.0

71 41.2 31.9 47.9



#30

Chloroform

Concen: 20.334 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.006 min

Lab File: VY020508.D

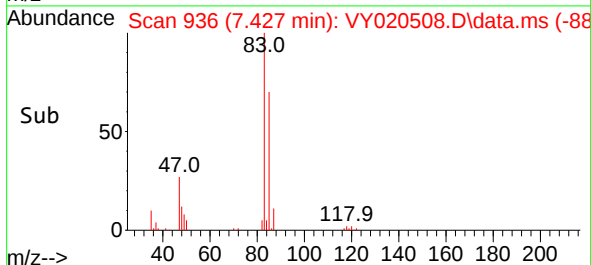
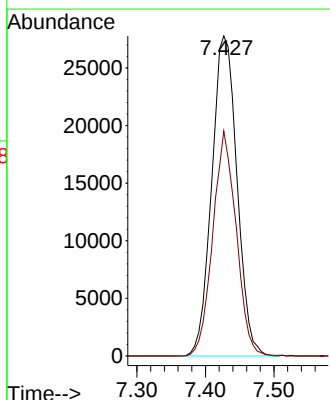
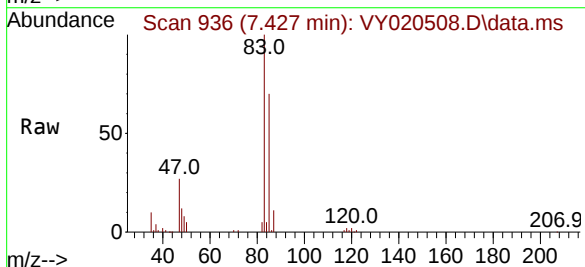
Acq: 04 Dec 2024 11:46

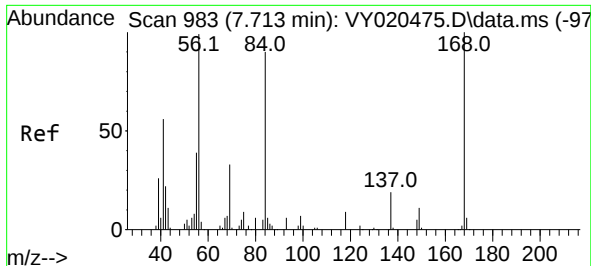
Tgt Ion: 83 Resp: 70987

Ion Ratio Lower Upper

83 100

85 70.2 50.3 75.5

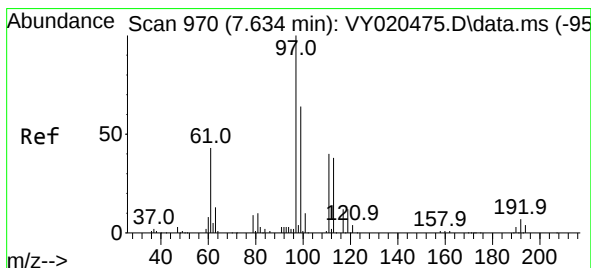
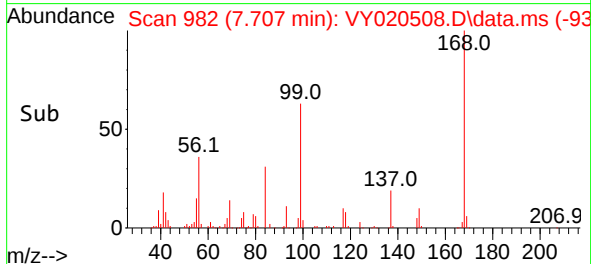
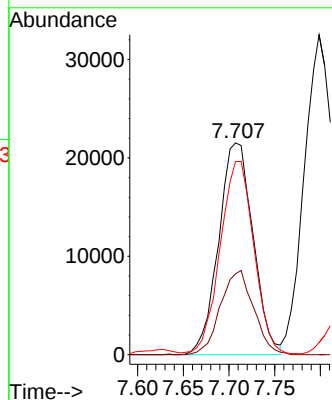
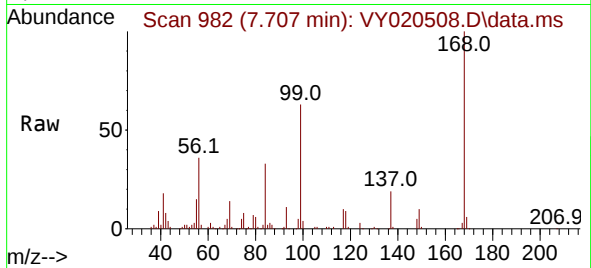




#31
Cyclohexane
Concen: 18.363 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

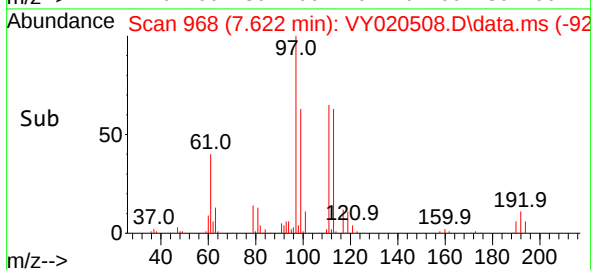
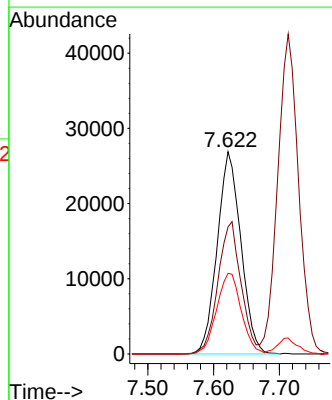
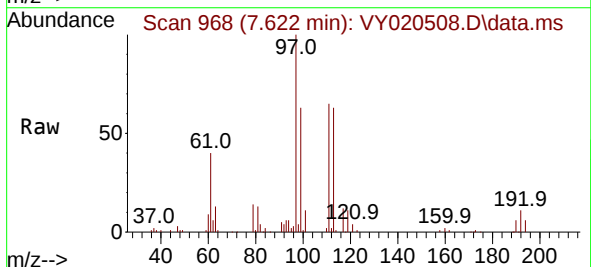
Instrument :
MSVOA_Y
ClientSampleId :

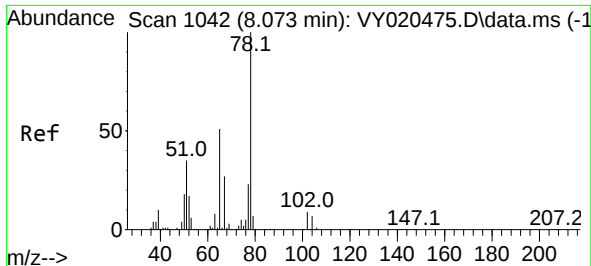
Tgt Ion: 56 Resp: 56469
Ion Ratio Lower Upper
56 100
69 38.2 25.3 37.9#
84 90.4 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 20.049 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 97 Resp: 67395
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 41.6 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 57.718 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

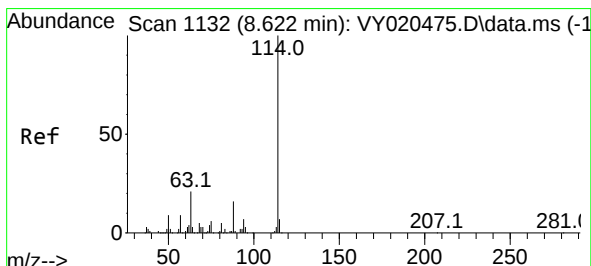
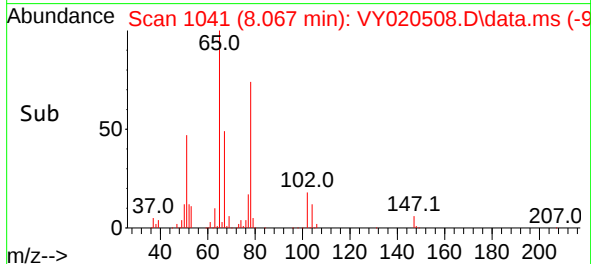
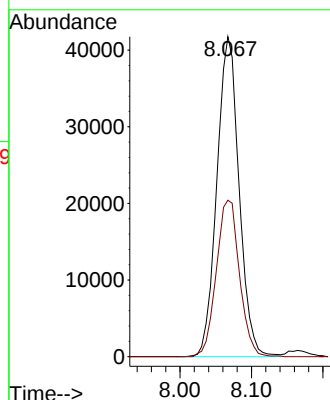
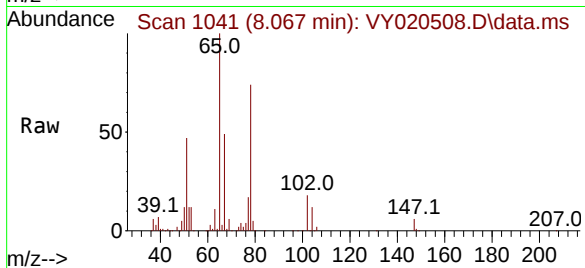
ClientSampleId :

Tgt Ion: 65 Resp: 90084

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

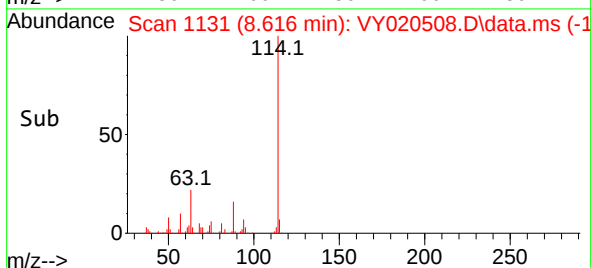
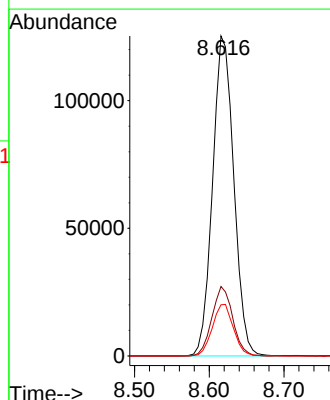
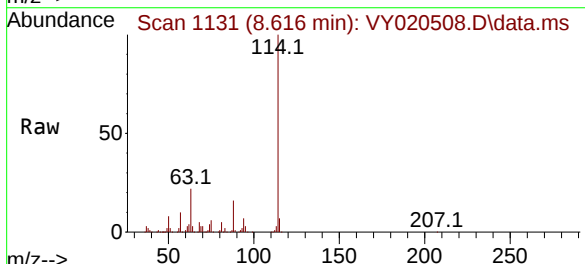
Tgt Ion: 114 Resp: 247018

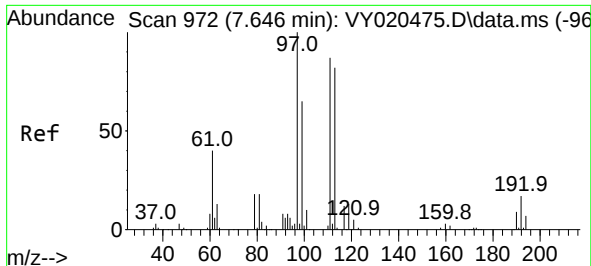
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.888 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

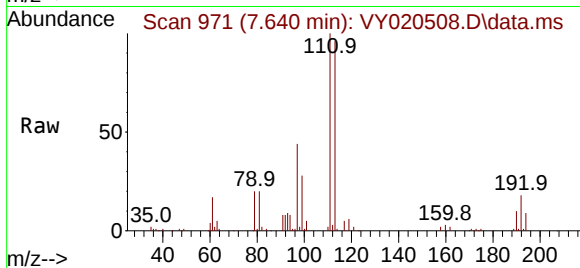
Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



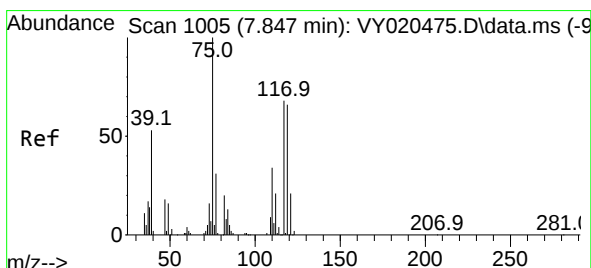
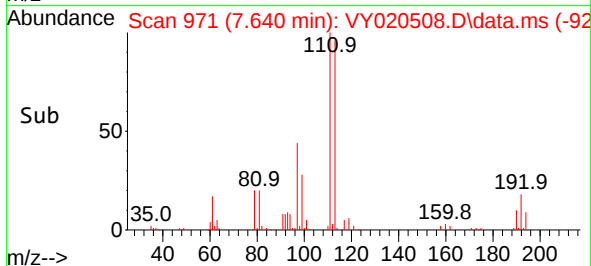
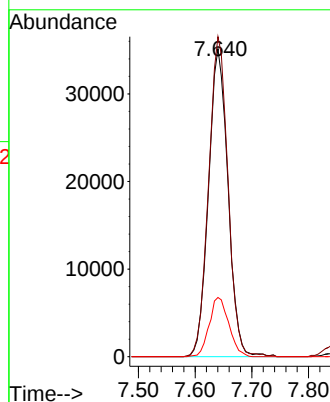
Tgt Ion:113 Resp: 83801

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 18.906 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

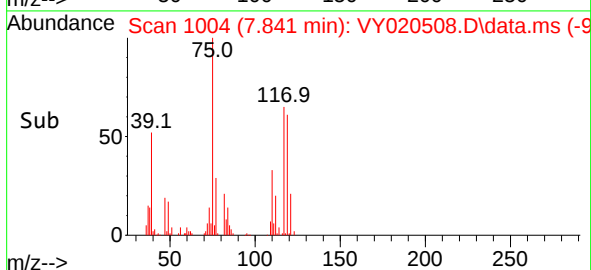
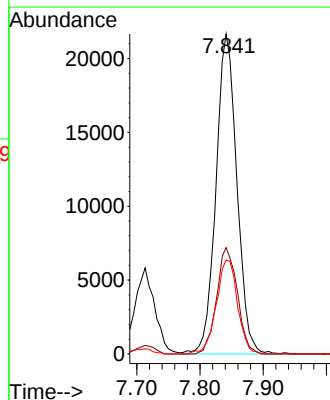
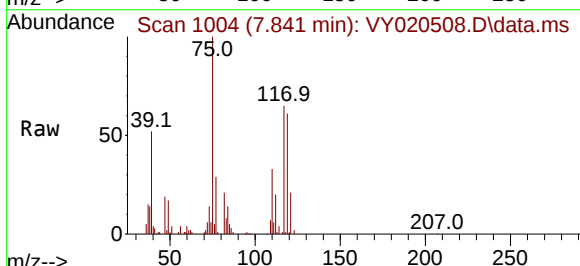
Tgt Ion: 75 Resp: 49649

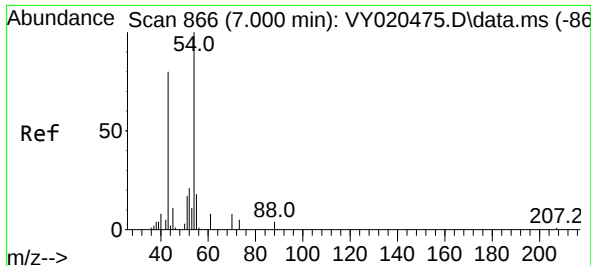
Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.0

77 29.9 24.6 36.8

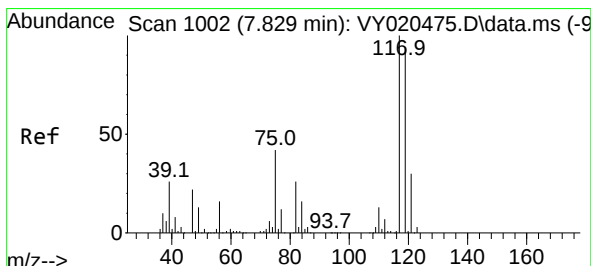
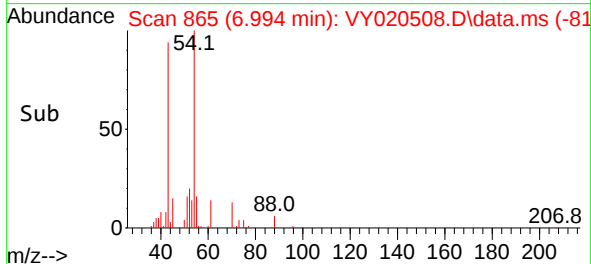
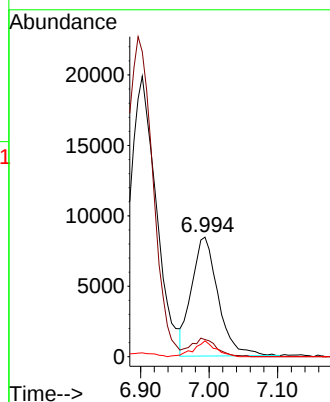
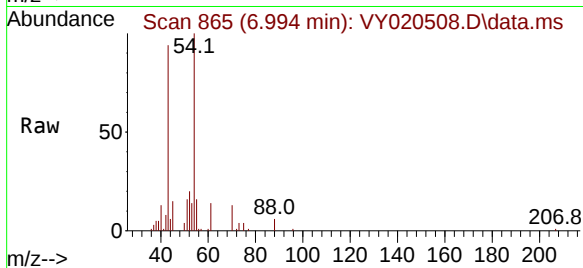




#37
Ethyl Acetate
Concen: 21.916 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

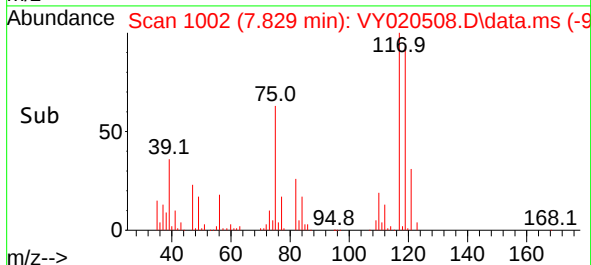
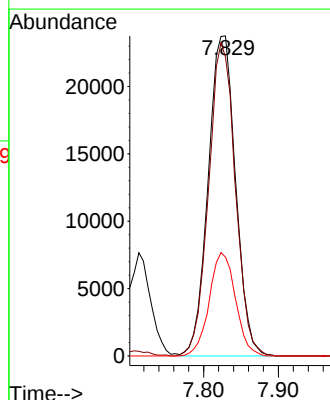
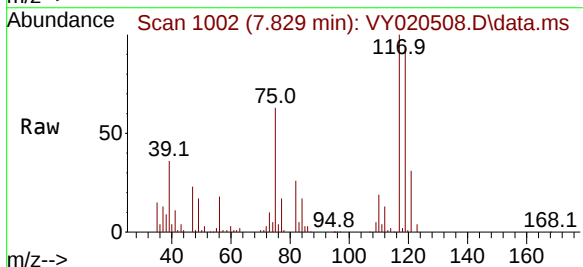
Instrument :
MSVOA_Y
ClientSampleId :

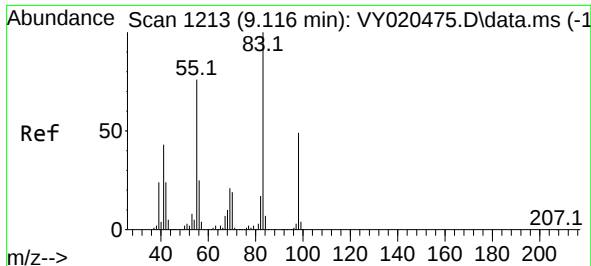
Tgt Ion: 43 Resp: 22801
Ion Ratio Lower Upper
43 100
61 14.1 10.7 16.1
70 10.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 19.311 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 117 Resp: 60525
Ion Ratio Lower Upper
117 100
119 93.4 77.8 116.6
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 18.600 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

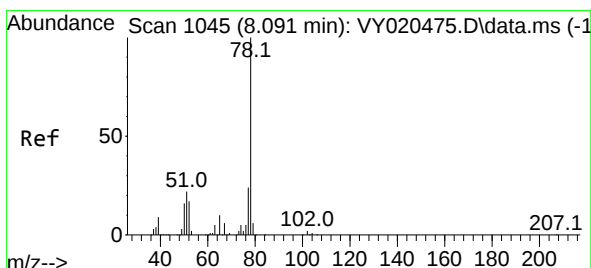
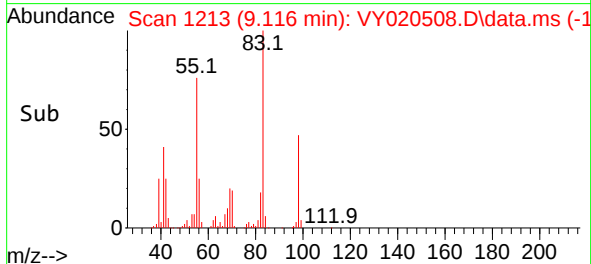
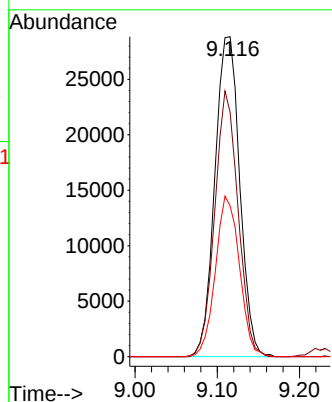
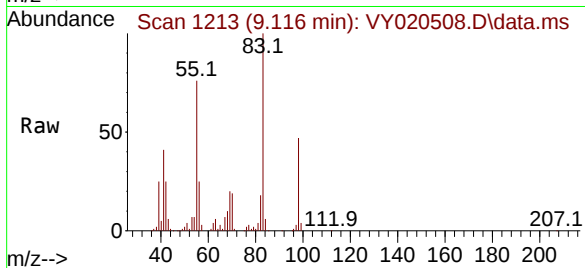
Tgt Ion: 83 Resp: 60612

Ion Ratio Lower Upper

83 100

55 76.3 62.6 93.8

98 47.1 37.0 55.4



#40

Benzene

Concen: 19.442 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020508.D

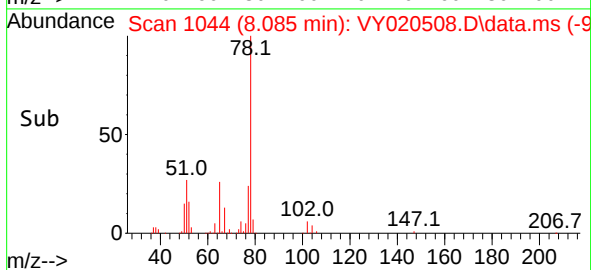
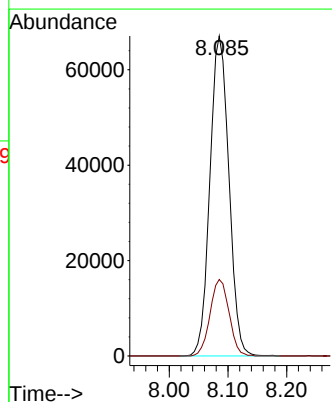
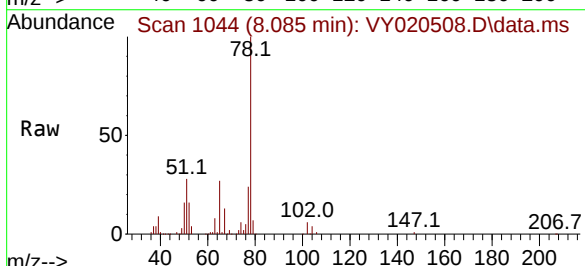
Acq: 04 Dec 2024 11:46

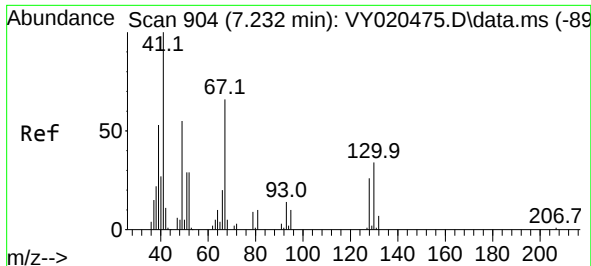
Tgt Ion: 78 Resp: 150537

Ion Ratio Lower Upper

78 100

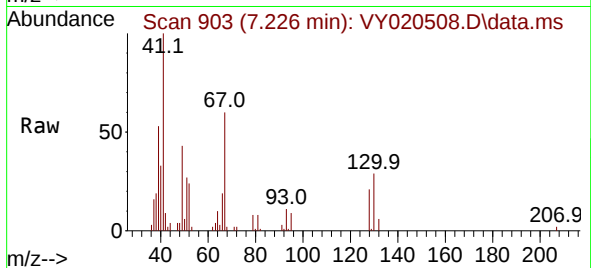
77 23.9 19.4 29.0



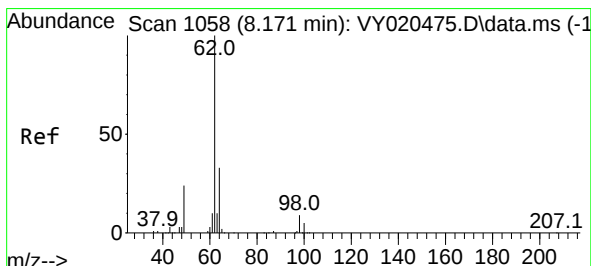
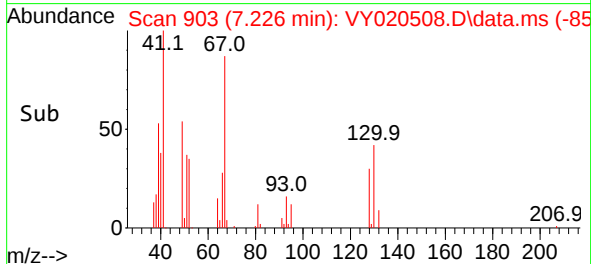
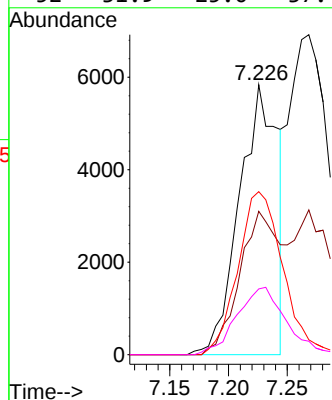


#41
Methacrylonitrile
Concen: 22.371 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Instrument :
MSVOA_Y
ClientSampleId :

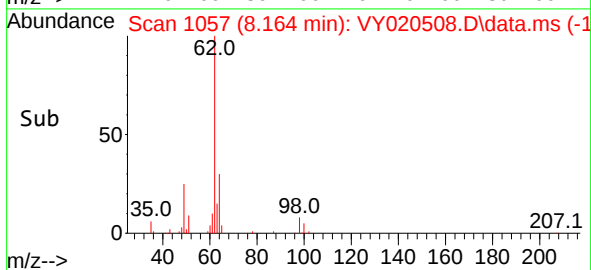
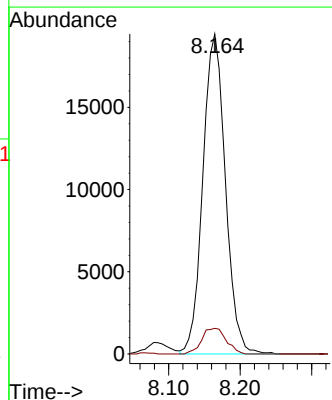
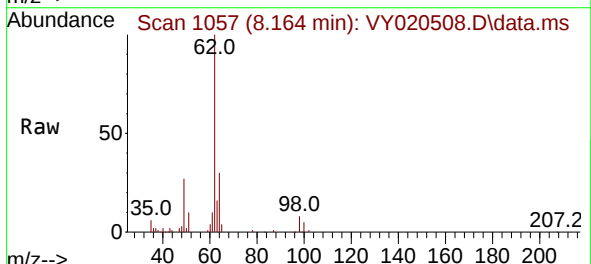


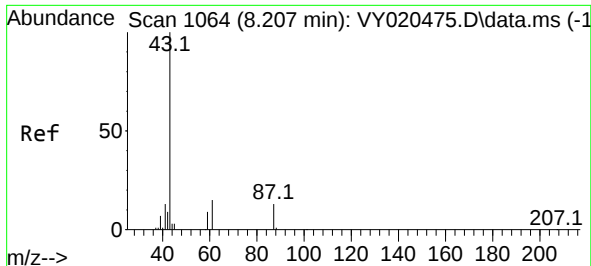
Tgt Ion:	41	Resp:	13231
Ion	Ratio	Lower	Upper
41	100		
39	59.4	49.0	73.4
67	71.0	57.1	85.7
52	31.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.961 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion:	62	Resp:	42646
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

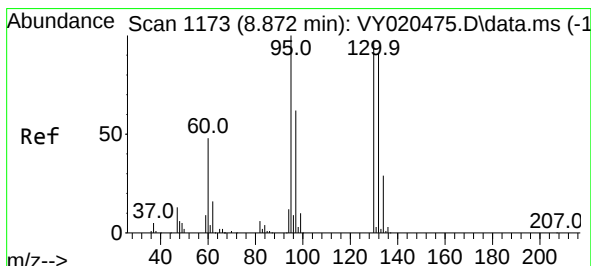
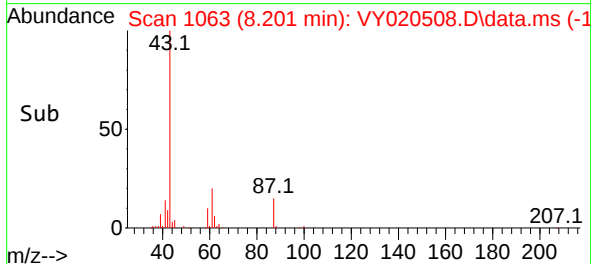
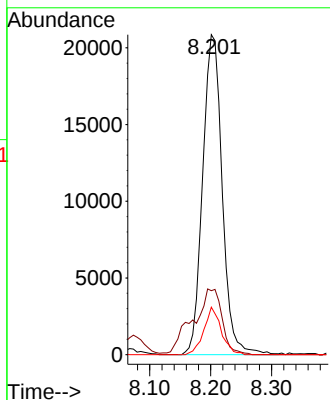
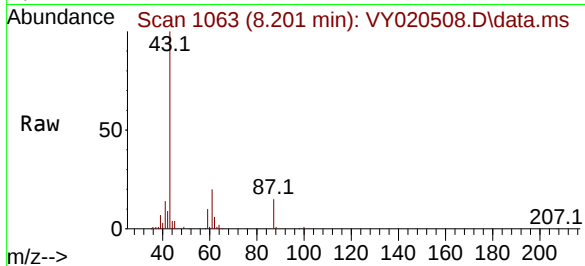




#43
Isopropyl Acetate
Concen: 22.160 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

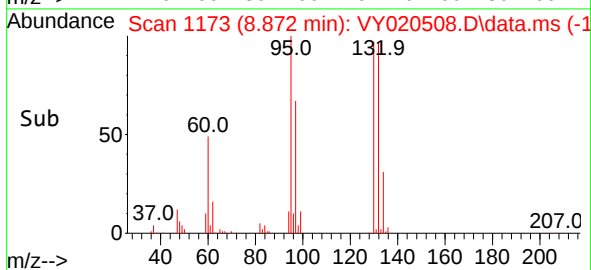
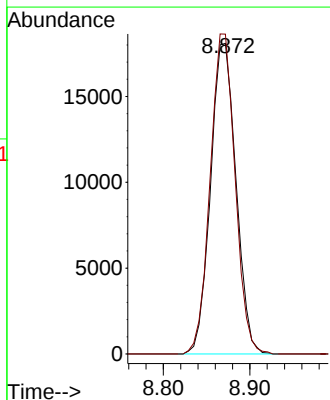
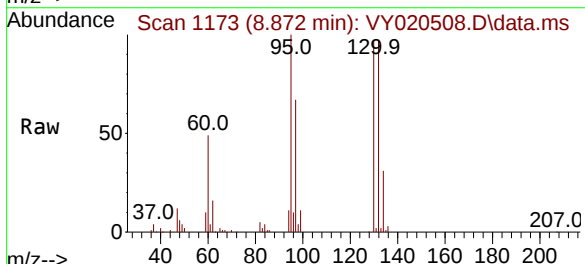
Instrument :
MSVOA_Y
ClientSampleId :

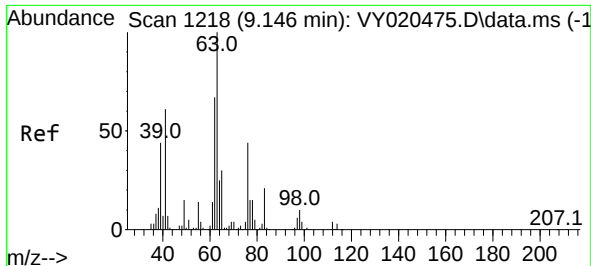
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.5	22.8	34.2
87	13.2	9.6	14.4



#44
Trichloroethene
Concen: 19.330 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	204.8





#45

1,2-Dichloropropane

Concen: 20.381 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

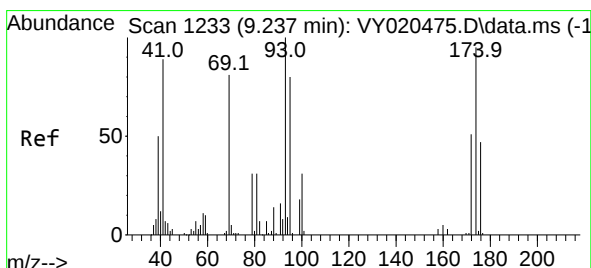
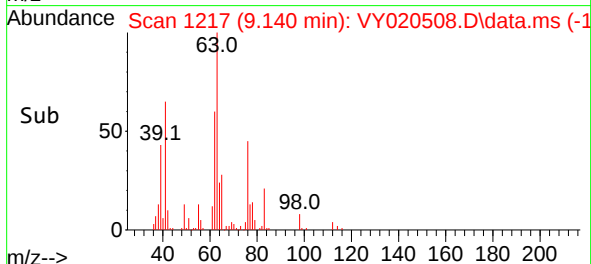
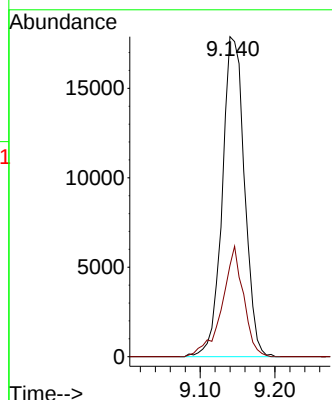
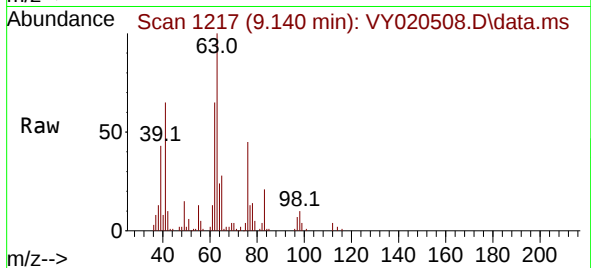
ClientSampleId :

Tgt Ion: 63 Resp: 36928

Ion Ratio Lower Upper

63 100

65 28.5 24.2 36.4



#46

Dibromomethane

Concen: 21.816 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

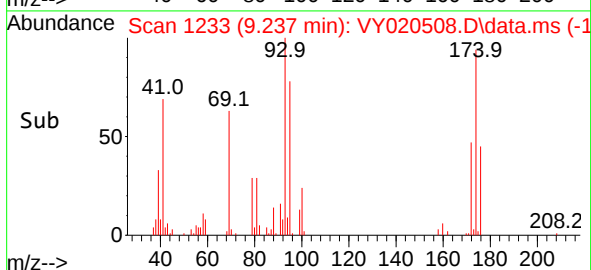
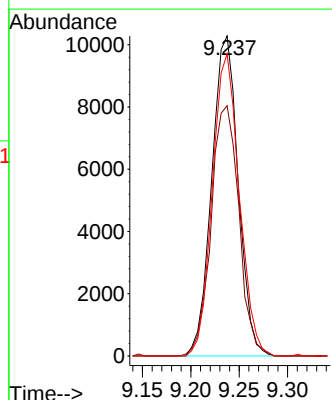
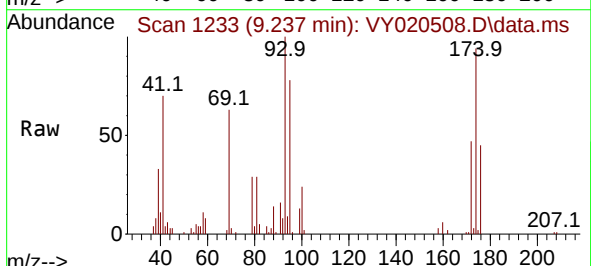
Tgt Ion: 93 Resp: 19571

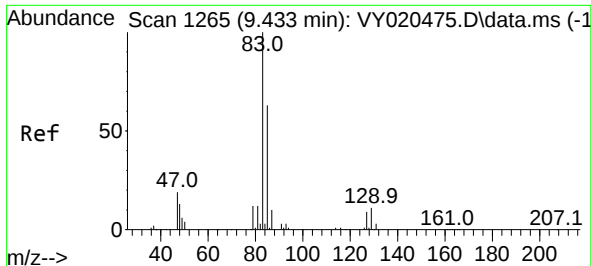
Ion Ratio Lower Upper

93 100

95 81.9 65.3 97.9

174 95.7 74.4 111.6

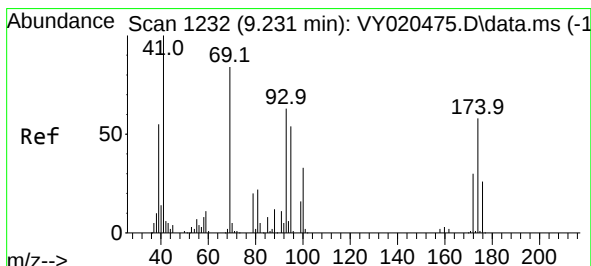
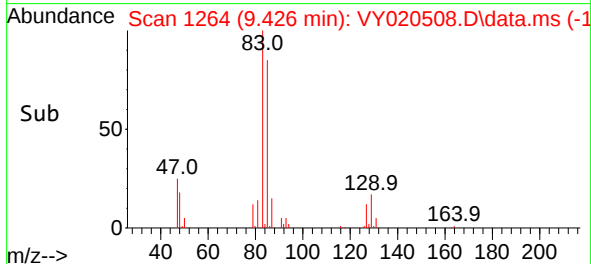
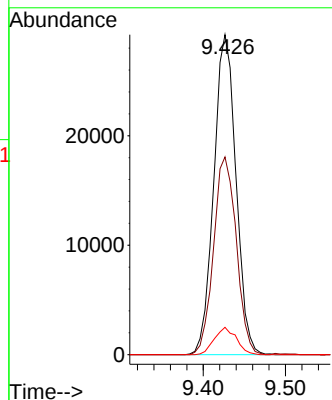
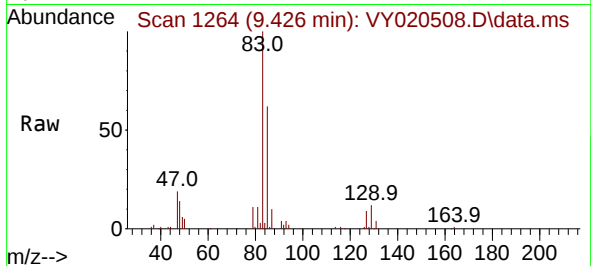




#47
Bromodichloromethane
Concen: 20.728 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

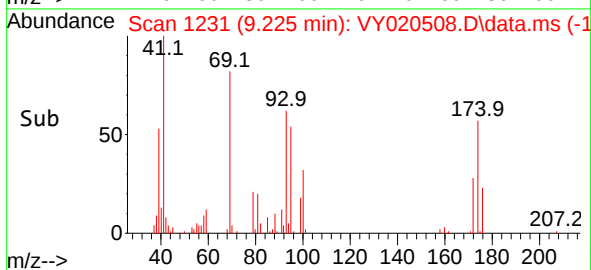
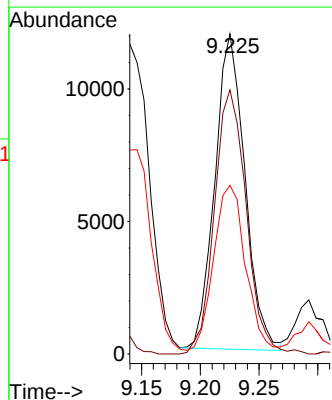
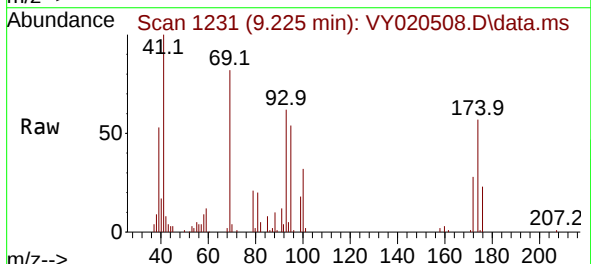
Instrument :
MSVOA_Y
ClientSampleId :

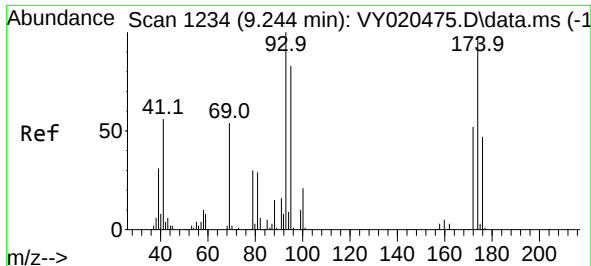
Tgt Ion: 83 Resp: 54787
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 21.628 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 41 Resp: 21188
Ion Ratio Lower Upper
41 100
69 88.7 66.1 99.1
39 55.7 46.0 69.0





#49

1,4-Dioxane

Concen: 466.706 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

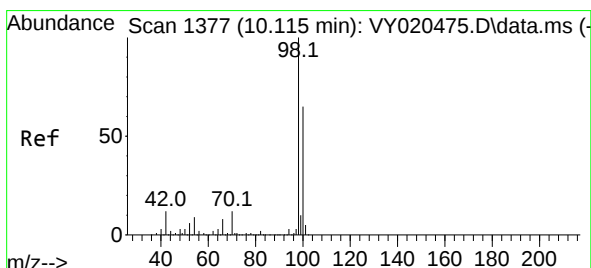
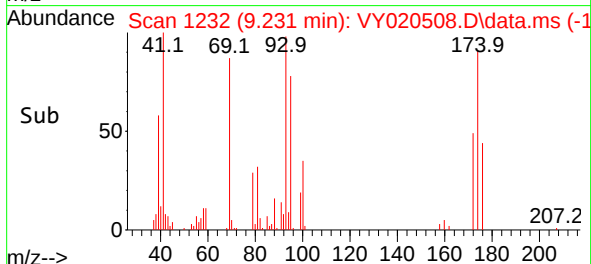
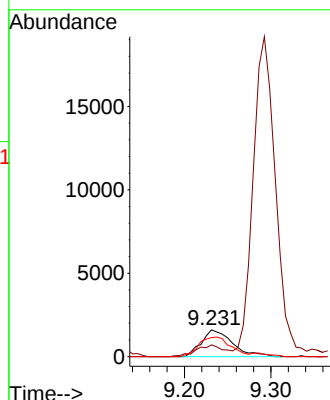
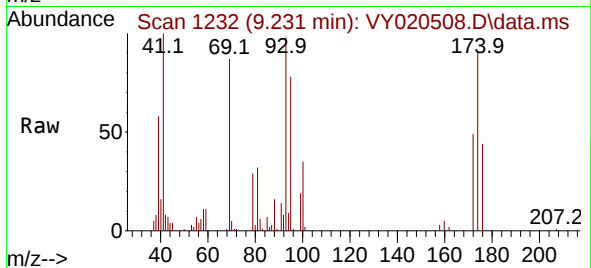
Tgt Ion: 88 Resp: 4002

Ion Ratio Lower Upper

88 100

43 40.7 24.6 37.0#

58 75.0 59.6 89.4



#50

Toluene-d8

Concen: 53.415 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020508.D

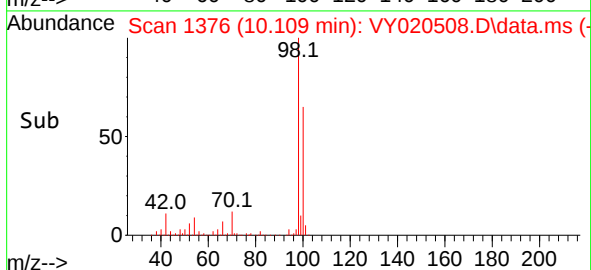
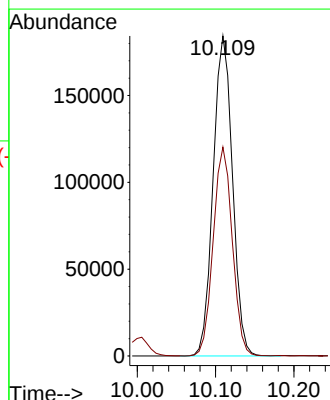
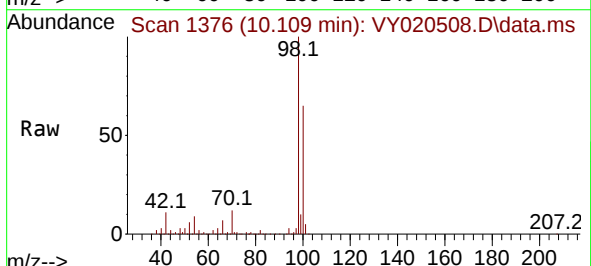
Acq: 04 Dec 2024 11:46

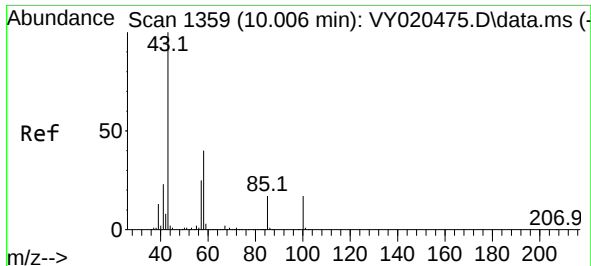
Tgt Ion: 98 Resp: 316298

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

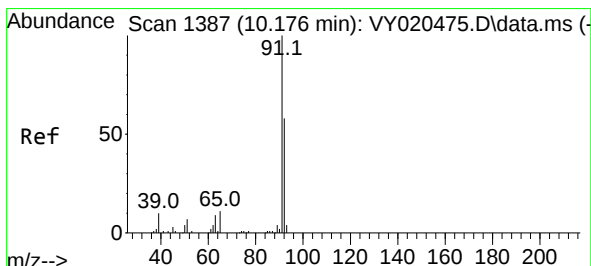
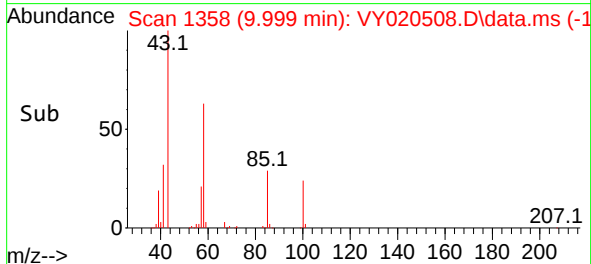
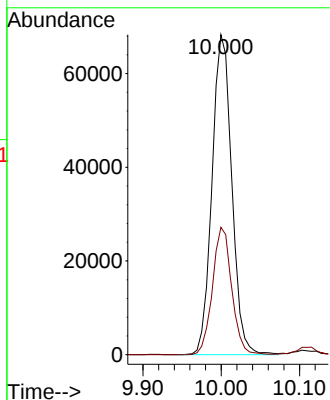
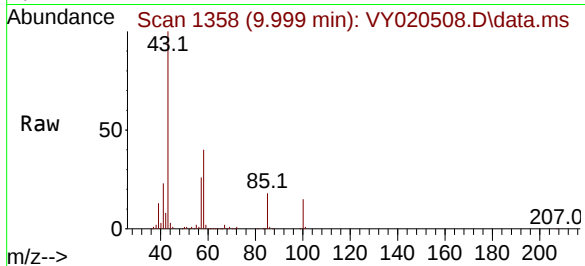




#51
4-Methyl-2-Pentanone
Concen: 115.417 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

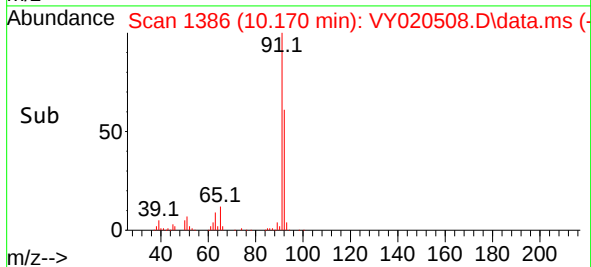
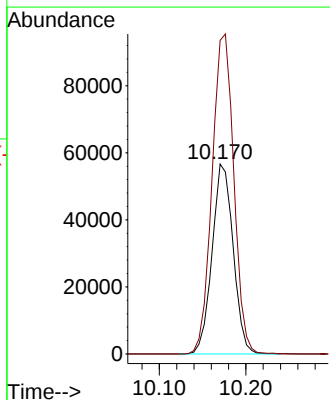
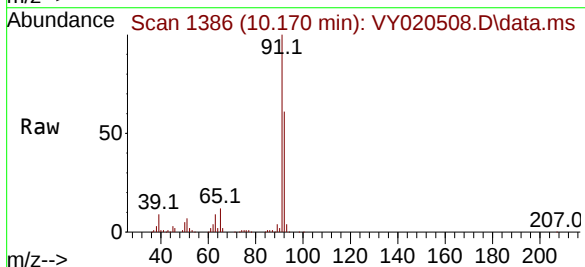
Instrument :
MSVOA_Y
ClientSampleId :

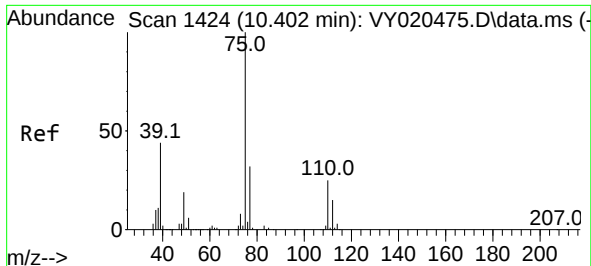
Tgt Ion: 43 Resp: 119746
Ion Ratio Lower Upper
43 100
58 38.7 30.9 46.3



#52
Toluene
Concen: 19.826 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 92 Resp: 95778
Ion Ratio Lower Upper
92 100
91 173.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.821 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

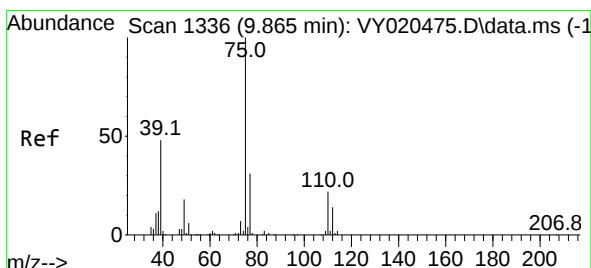
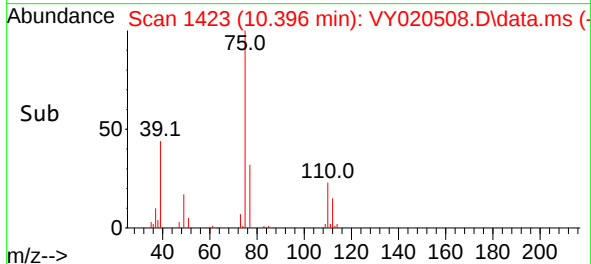
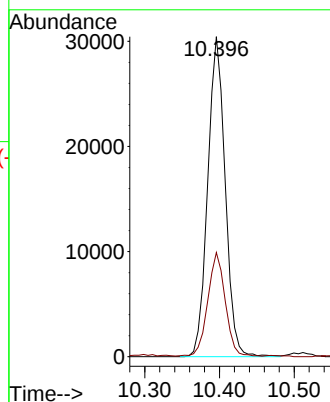
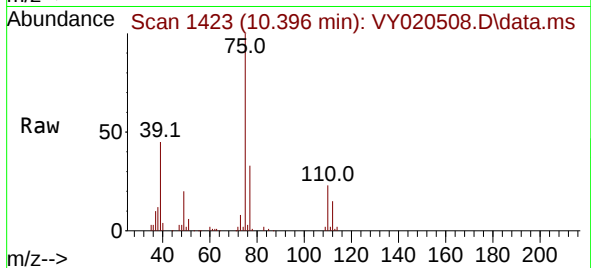
ClientSampleId :

Tgt Ion: 75 Resp: 49406

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.393 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

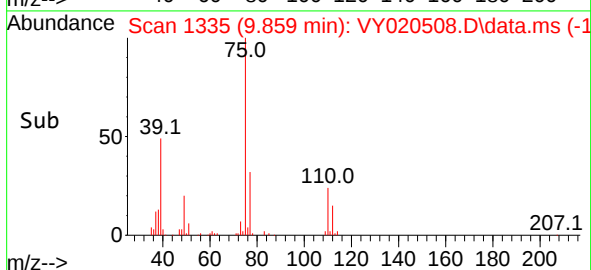
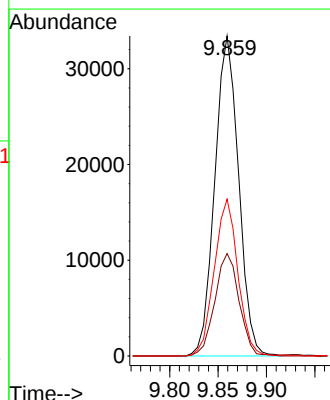
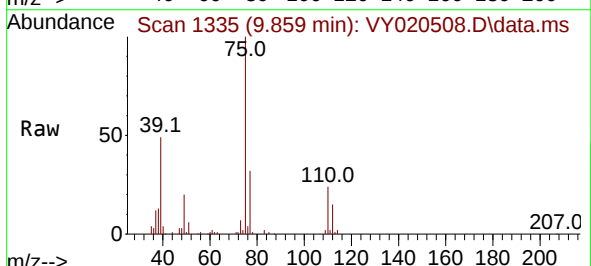
Tgt Ion: 75 Resp: 57189

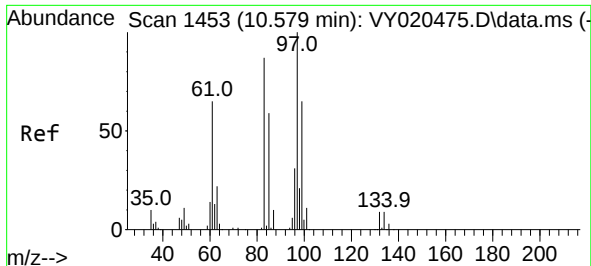
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 49.0 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 21.656 ug/l

RT: 10.573 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25916

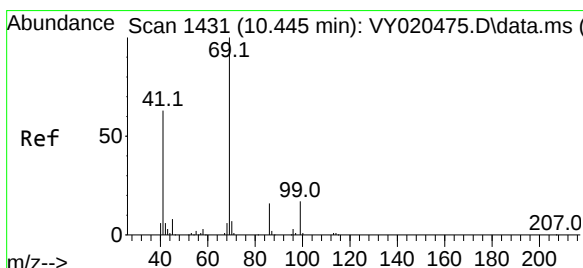
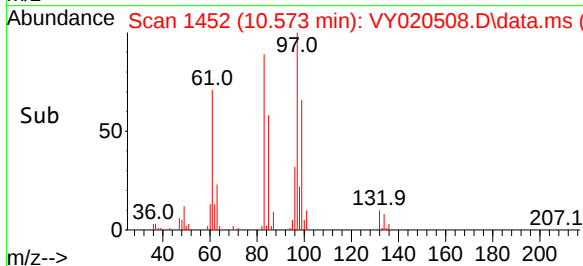
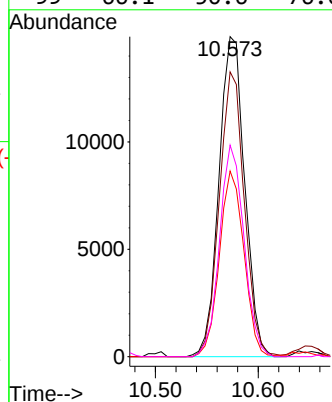
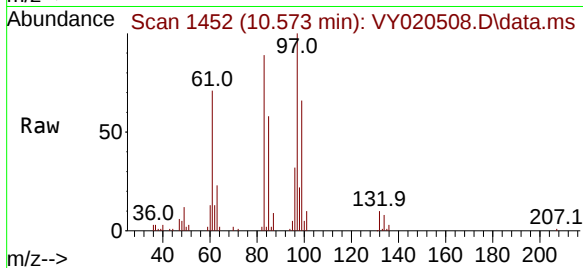
Ion Ratio Lower Upper

97 100

83 89.0 70.8 106.2

85 58.0 44.9 67.3

99 66.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 22.183 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

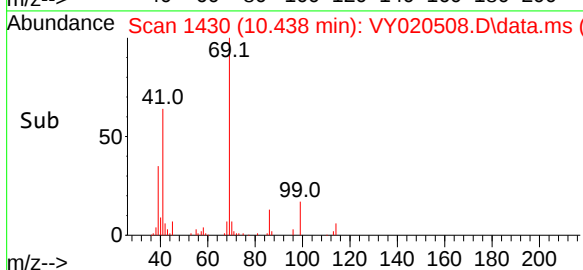
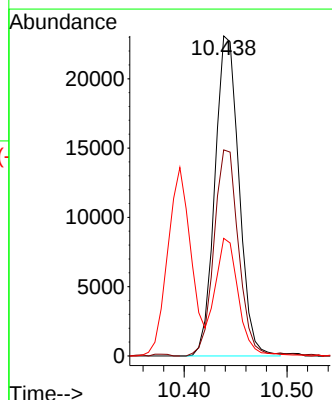
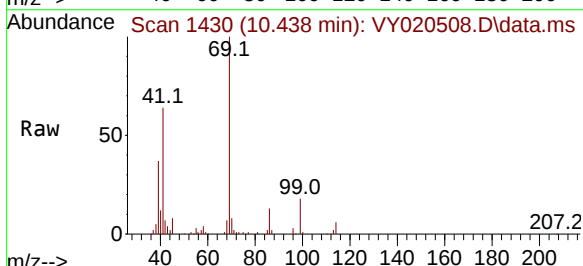
Tgt Ion: 69 Resp: 37561

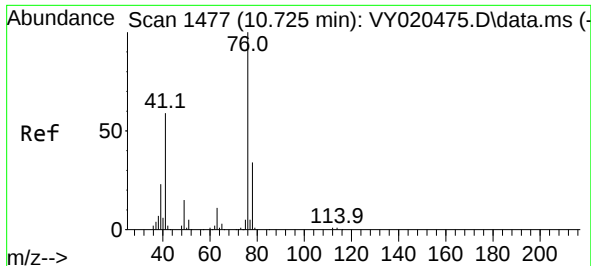
Ion Ratio Lower Upper

69 100

41 66.5 56.1 84.1

39 35.5 29.7 44.5





#57

1,3-Dichloropropane

Concen: 21.612 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

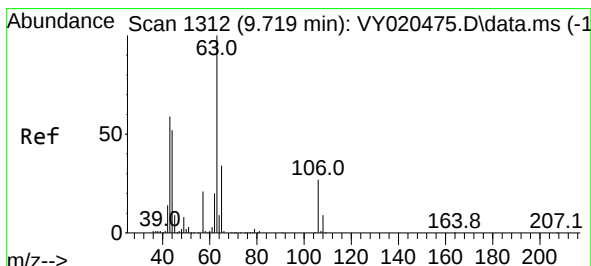
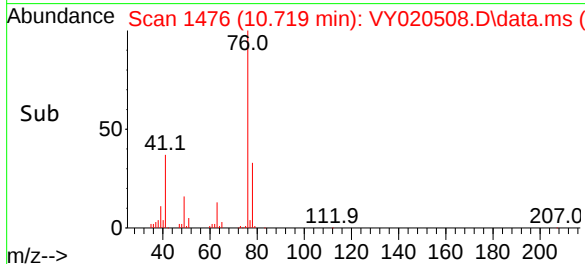
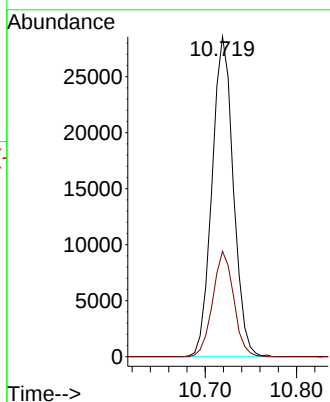
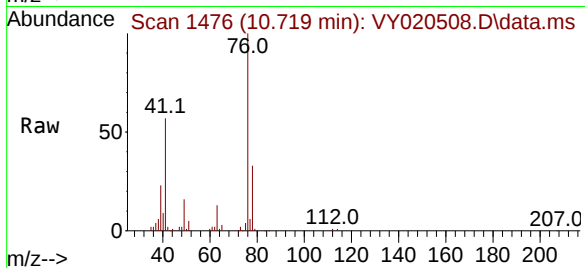
ClientSampleId :

Tgt Ion: 76 Resp: 46312

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 103.872 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020508.D

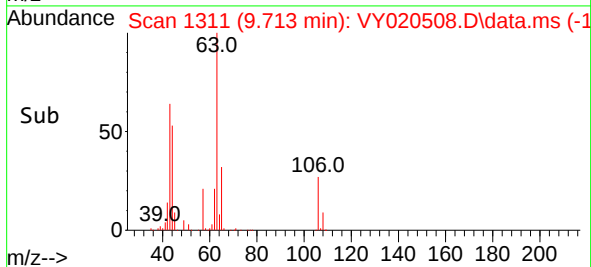
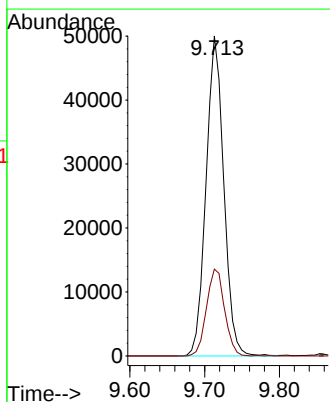
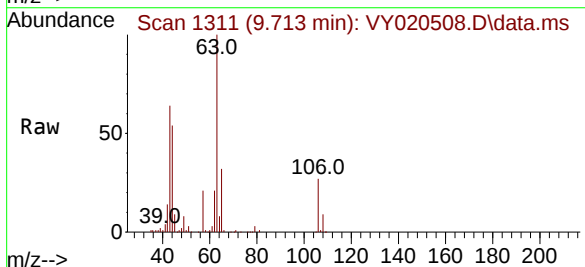
Acq: 04 Dec 2024 11:46

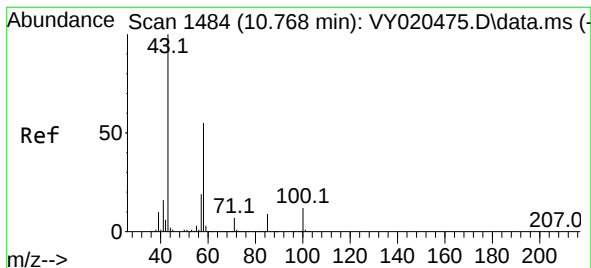
Tgt Ion: 63 Resp: 82349

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4

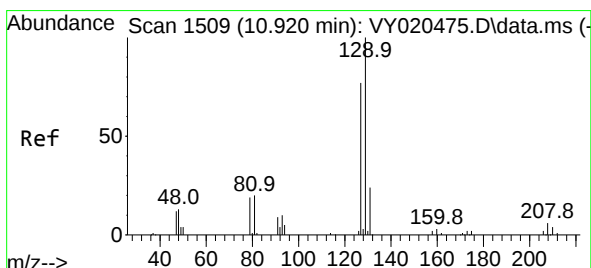
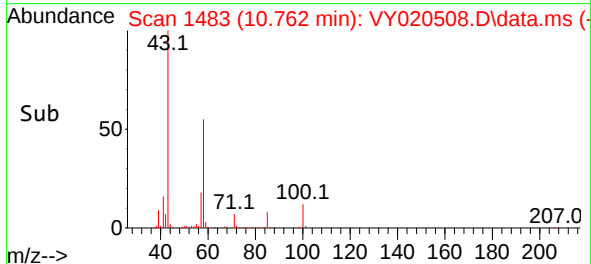
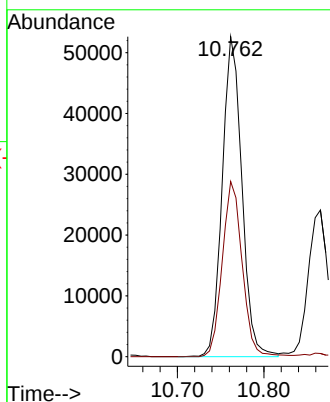
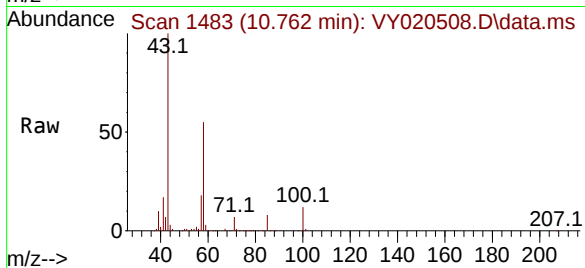




#59
2-Hexanone
Concen: 110.860 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

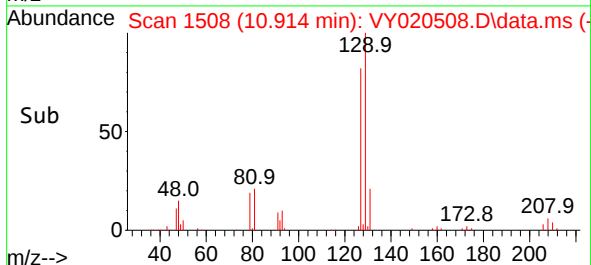
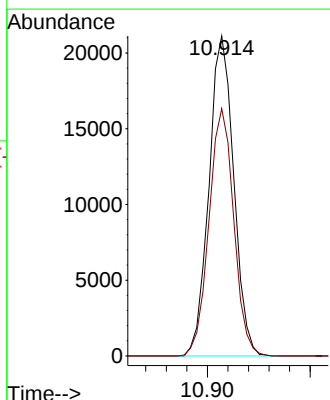
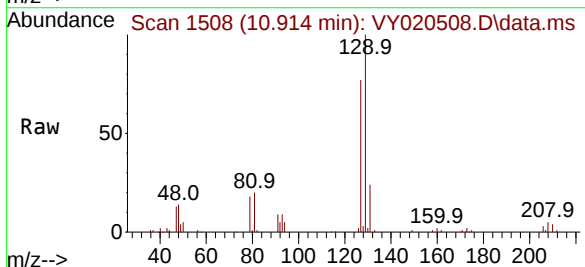
Instrument :
MSVOA_Y
ClientSampleId :

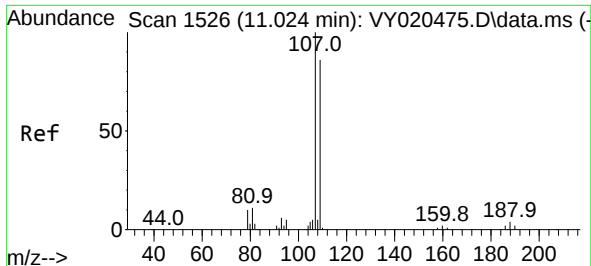
Tgt Ion: 43 Resp: 82975
Ion Ratio Lower Upper
43 100
58 55.5 26.4 79.2



#60
Dibromochloromethane
Concen: 21.205 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion:129 Resp: 35329
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

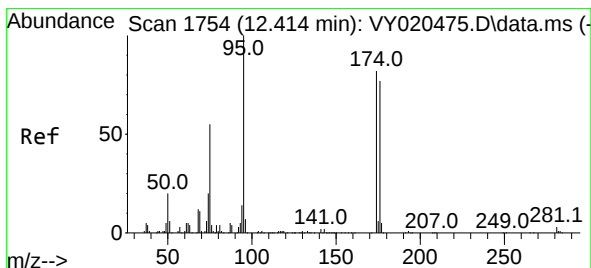
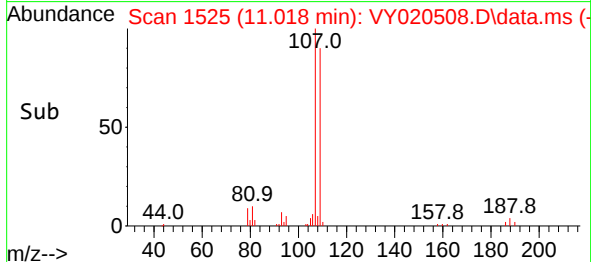
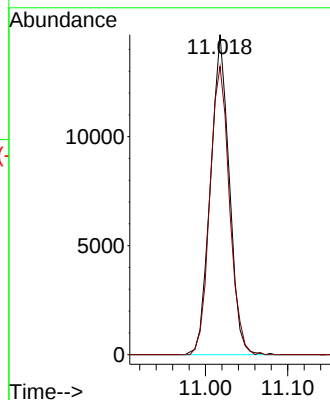
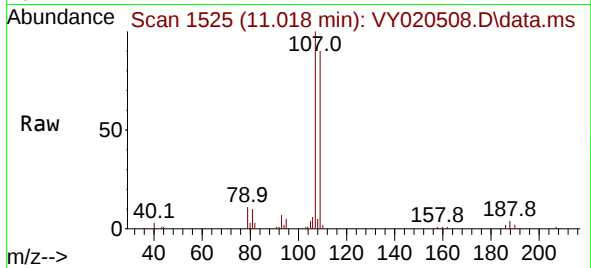




#61
1,2-Dibromoethane
Concen: 21.222 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

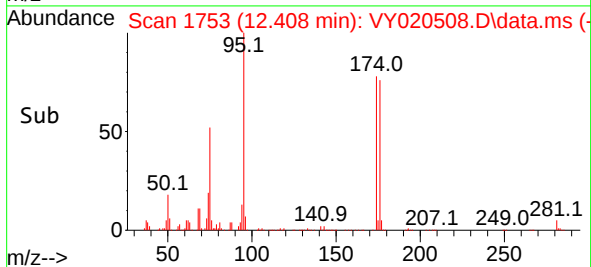
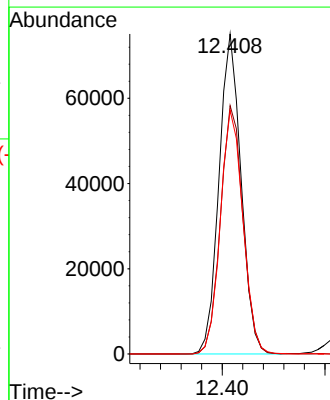
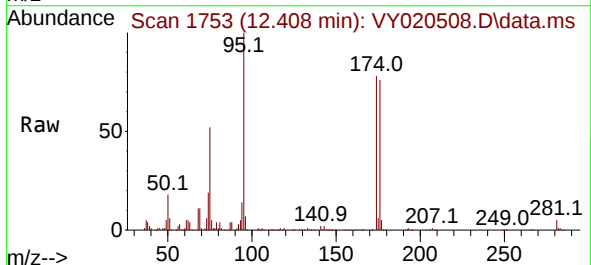
Instrument :
MSVOA_Y
ClientSampleId :

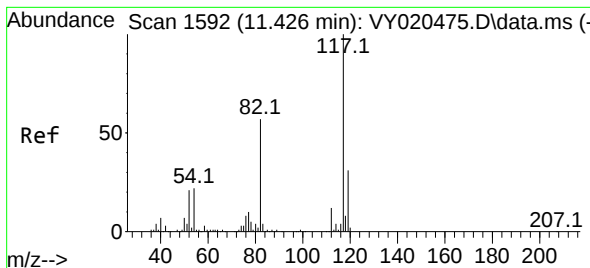
Tgt Ion:107 Resp: 23224
Ion Ratio Lower Upper
107 100
109 94.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 53.931 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 95 Resp: 111693
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.8
176 78.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

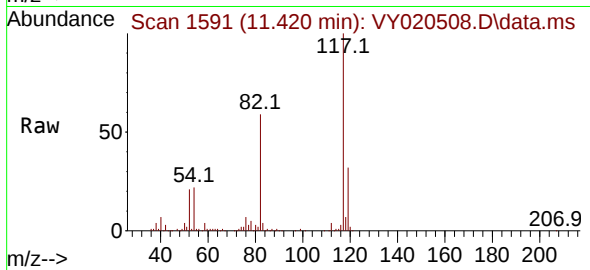
Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :



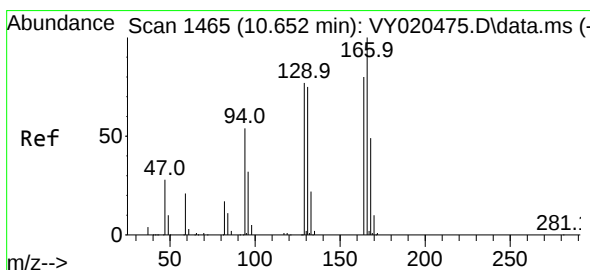
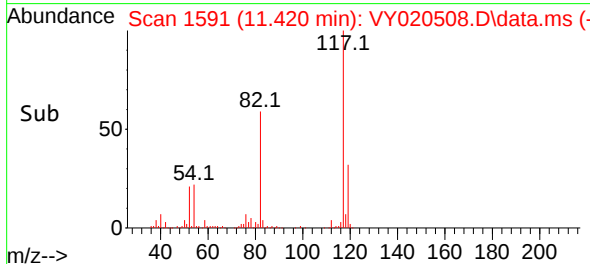
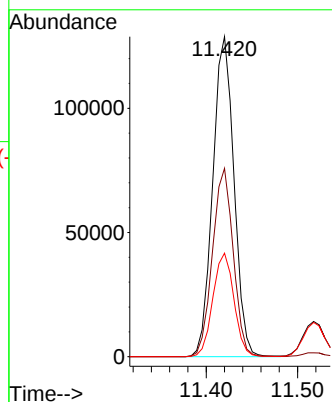
Tgt Ion:117 Resp: 207561

Ion Ratio Lower Upper

117 100

82 58.8 48.2 72.4

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 19.436 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Tgt Ion:164 Resp: 34087

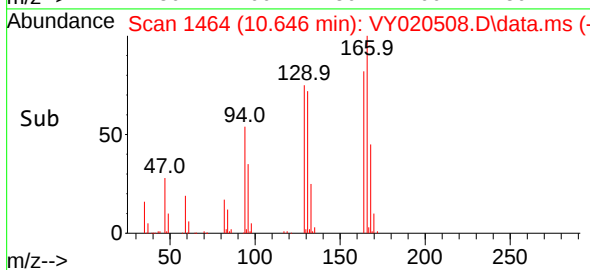
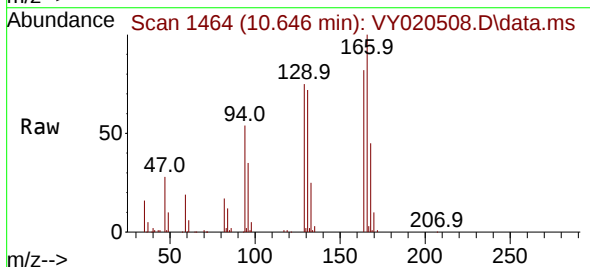
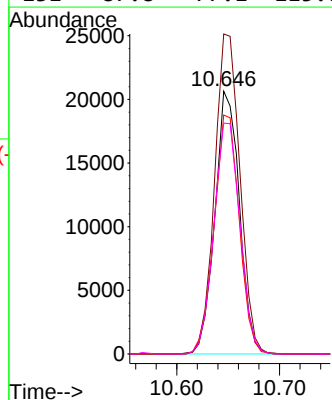
Ion Ratio Lower Upper

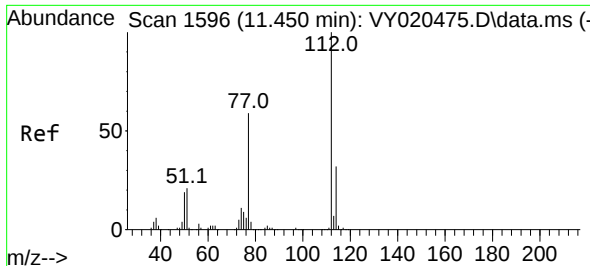
164 100

166 121.8 103.8 155.8

129 90.9 79.0 118.4

131 87.8 77.1 115.7

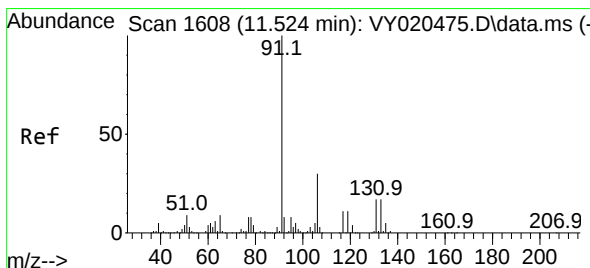
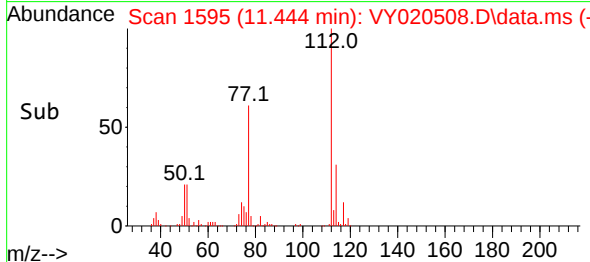
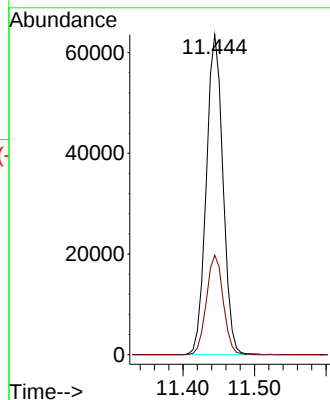
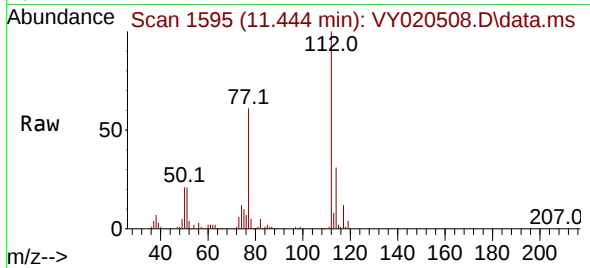




#65
Chlorobenzene
Concen: 19.773 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

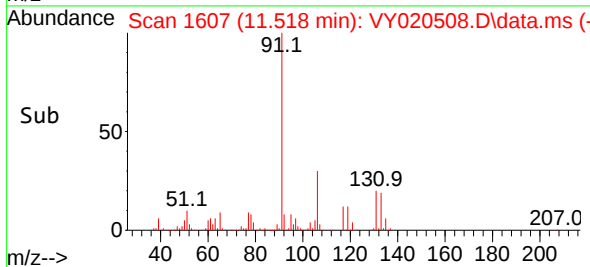
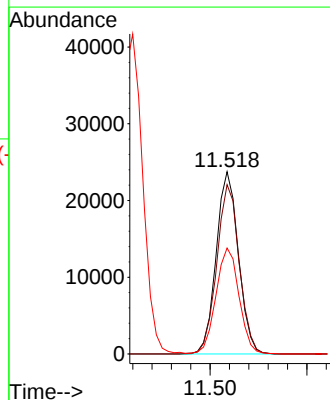
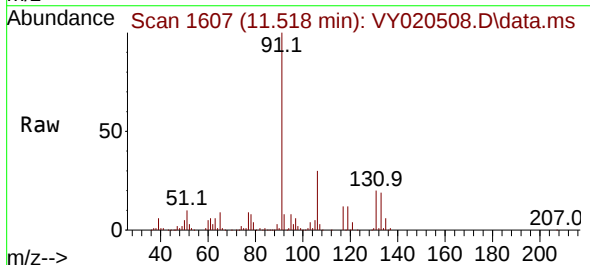
Instrument :
MSVOA_Y
ClientSampleId :

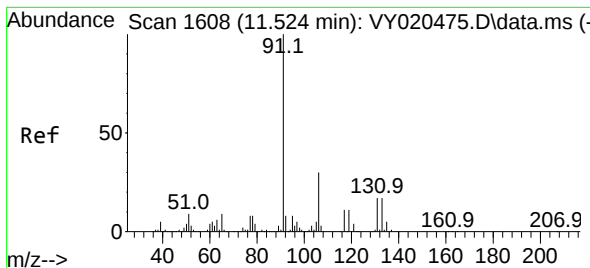
Tgt Ion:112 Resp: 102869
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.561 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion:131 Resp: 37937
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.3
119 60.2 32.5 97.5





#67

Ethyl Benzene

Concen: 19.444 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

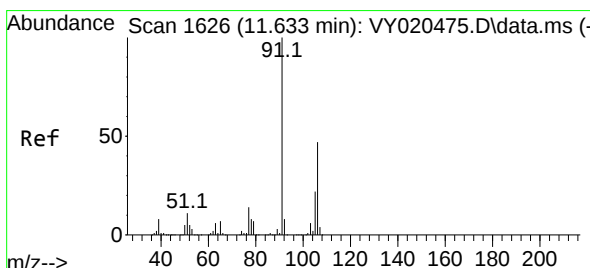
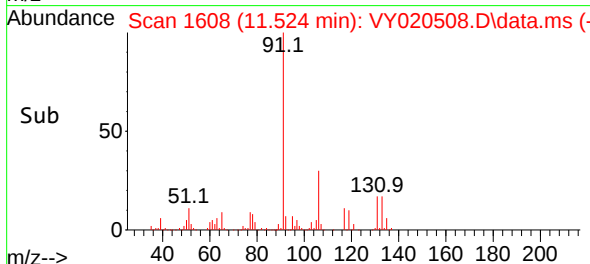
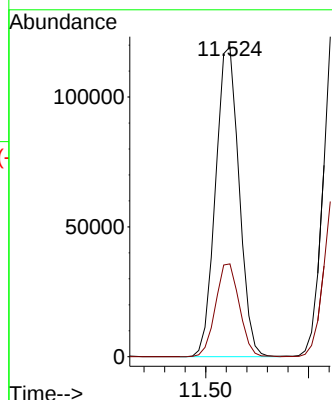
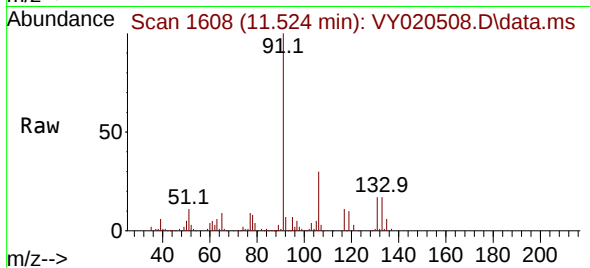
ClientSampleId :

Tgt Ion: 91 Resp: 189611

Ion Ratio Lower Upper

91 100

106 30.0 23.9 35.9



#68

m/p-Xylenes

Concen: 39.392 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020508.D

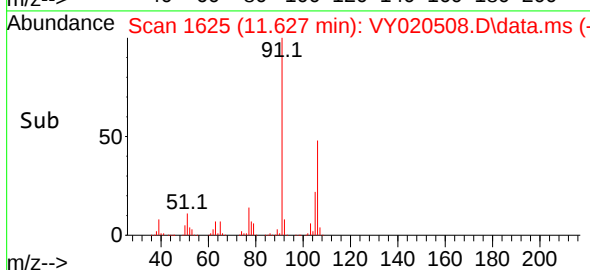
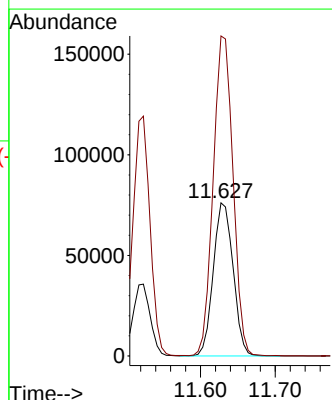
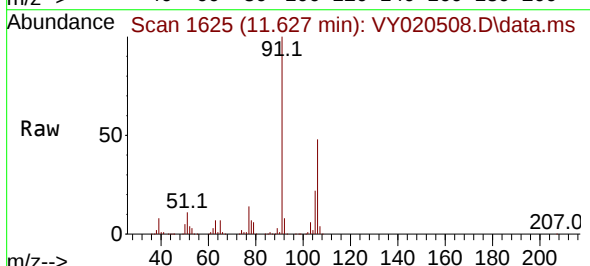
Acq: 04 Dec 2024 11:46

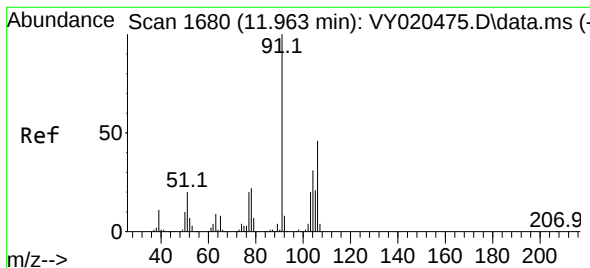
Tgt Ion:106 Resp: 140663

Ion Ratio Lower Upper

106 100

91 208.9 166.0 249.0





#69

o-Xylene

Concen: 19.755 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

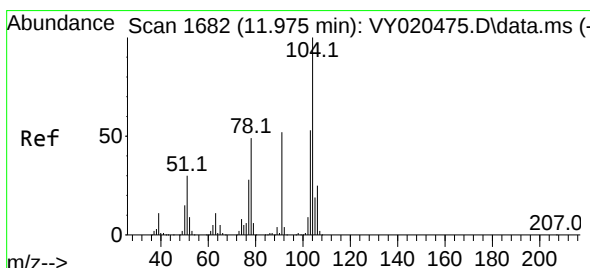
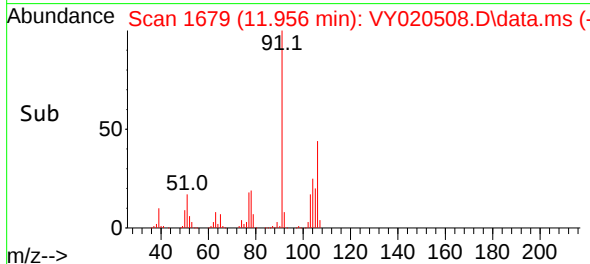
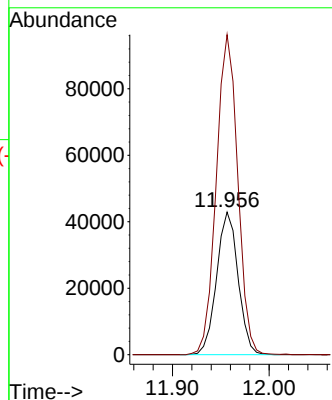
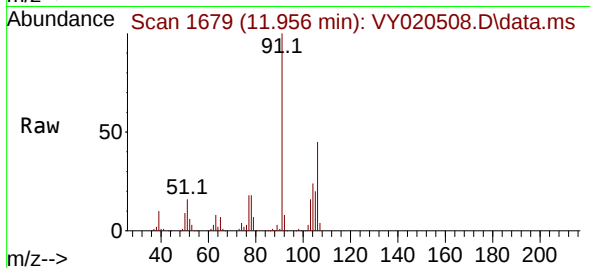
ClientSampleId :

Tgt Ion:106 Resp: 66086

Ion Ratio Lower Upper

106 100

91 224.3 110.0 330.0



#70

Styrene

Concen: 20.237 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

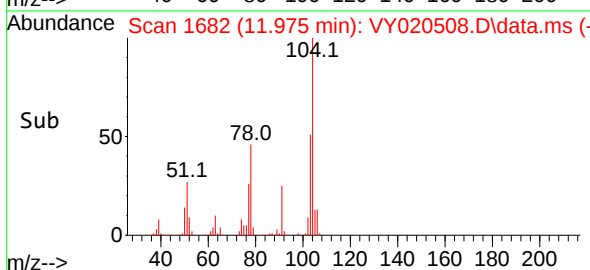
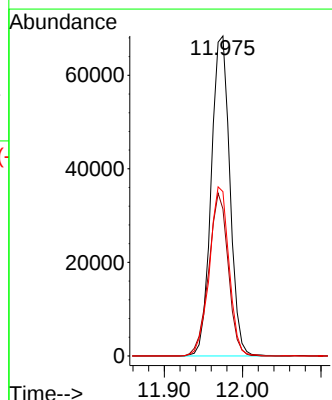
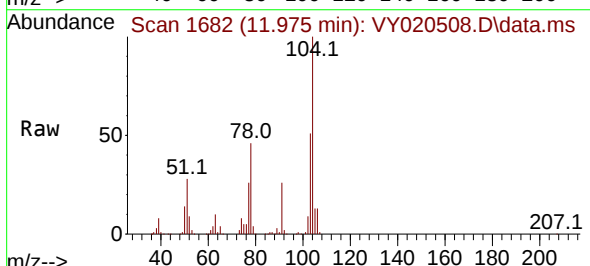
Tgt Ion:104 Resp: 112949

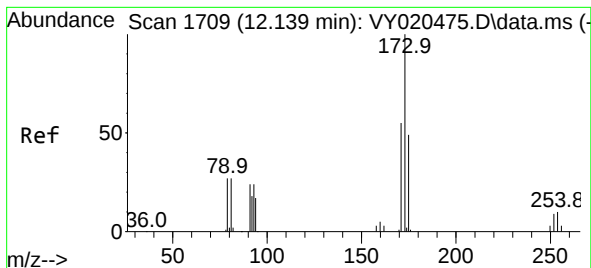
Ion Ratio Lower Upper

104 100

78 53.2 41.4 62.2

103 55.5 44.2 66.4





#71

Bromoform

Concen: 21.728 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

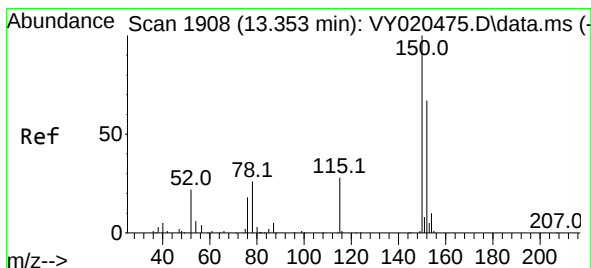
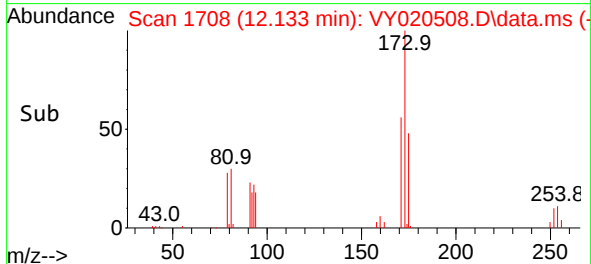
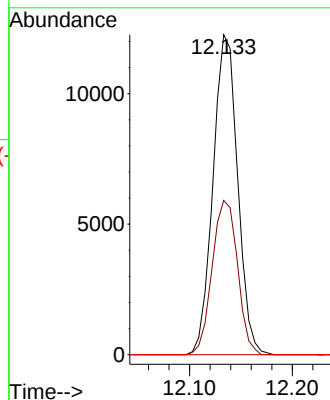
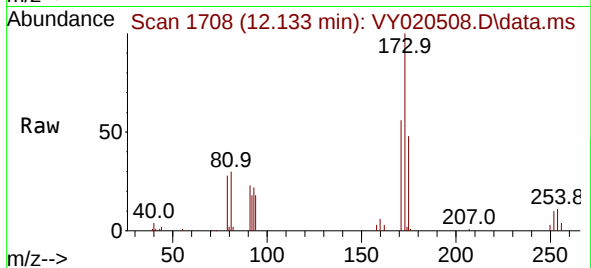
Tgt Ion:173 Resp: 20383

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

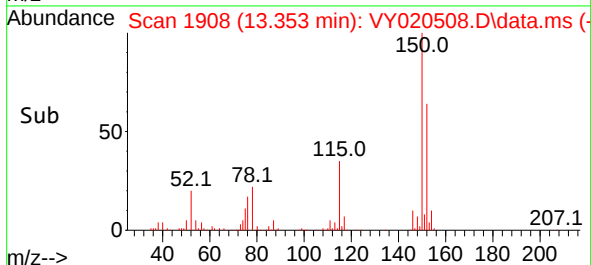
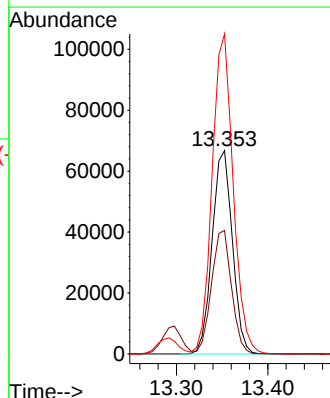
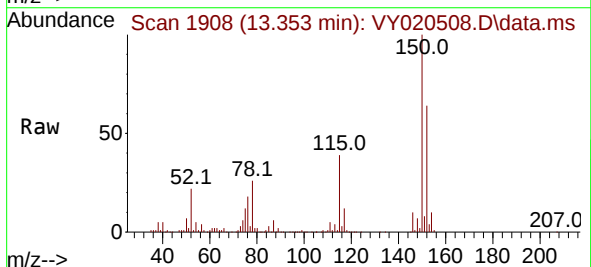
Tgt Ion:152 Resp: 102652

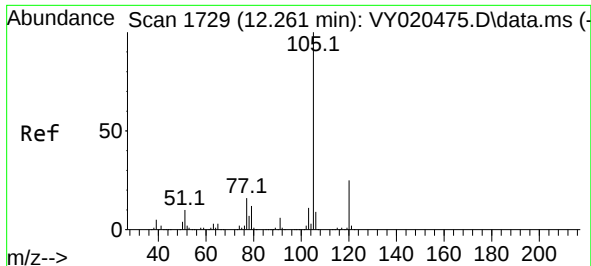
Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 163.1 0.0 348.2

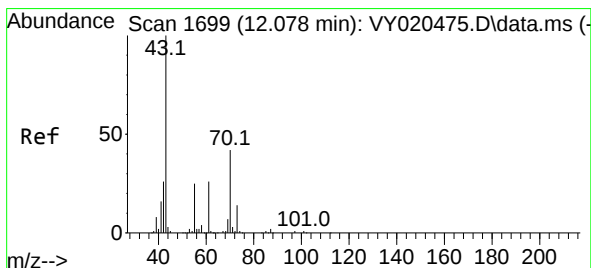
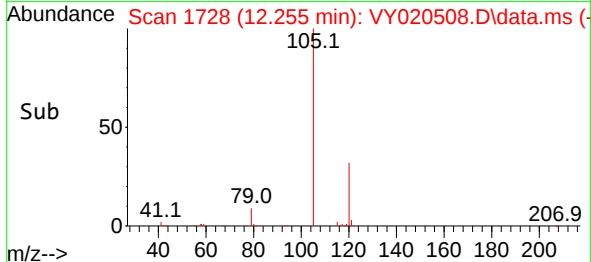
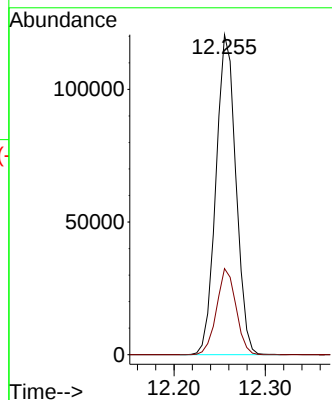
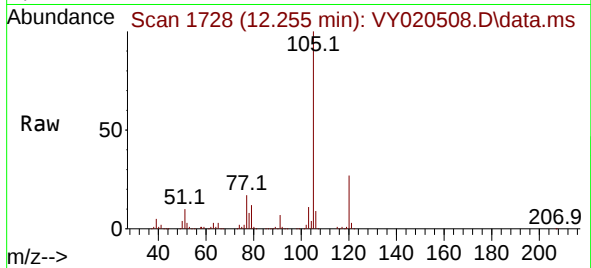




#73
Isopropylbenzene
Concen: 18.387 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

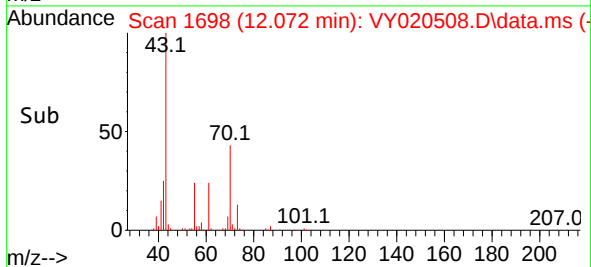
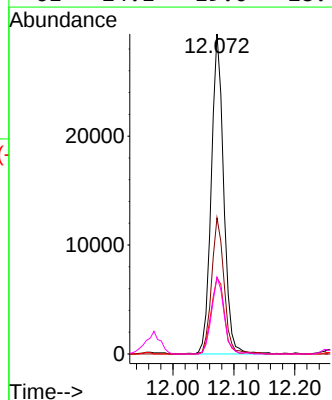
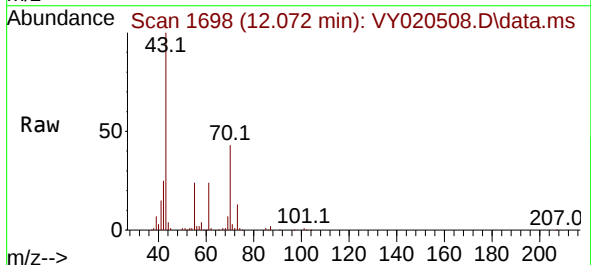
Instrument :
MSVOA_Y
ClientSampleId :

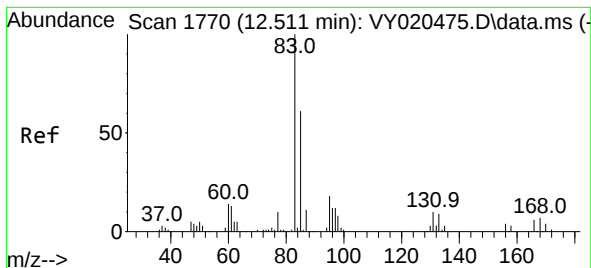
Tgt Ion:105 Resp: 182624
Ion Ratio Lower Upper
105 100
120 26.2 12.7 38.1



#74
N-ethyl acetate
Concen: 21.378 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 43 Resp: 41616
Ion Ratio Lower Upper
43 100
70 42.4 32.9 49.3
55 25.3 19.3 28.9
61 24.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.299 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

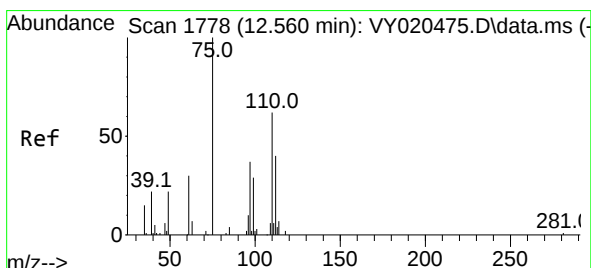
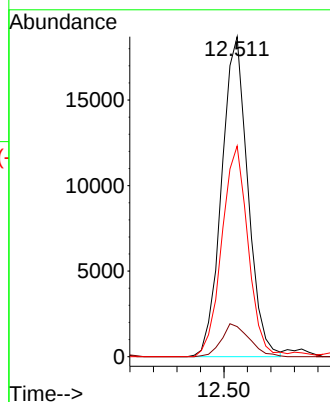
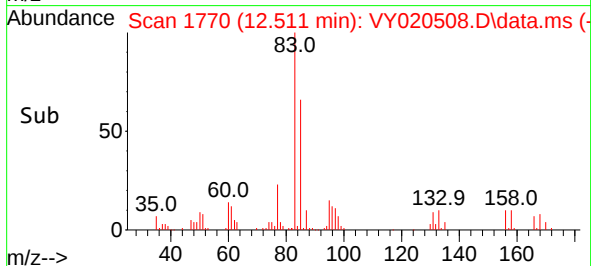
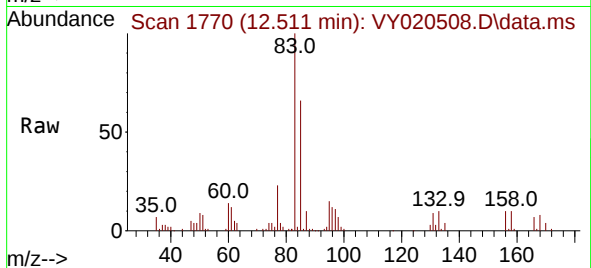
Tgt Ion: 83 Resp: 28993

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.4

85 66.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.040 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020508.D

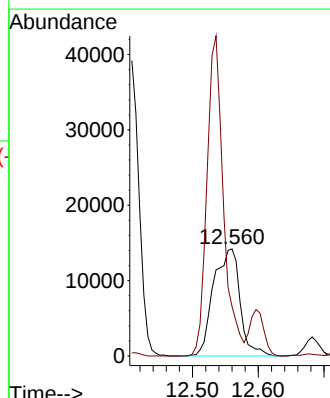
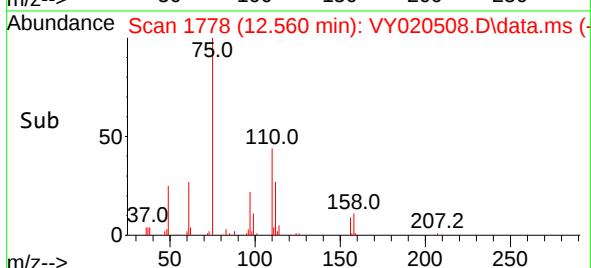
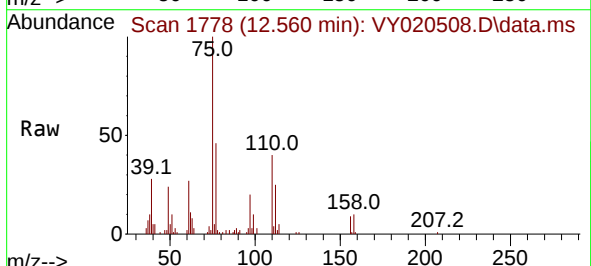
Acq: 04 Dec 2024 11:46

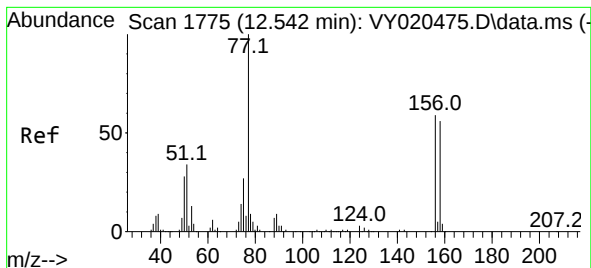
Tgt Ion: 75 Resp: 39778

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.098 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020508.D

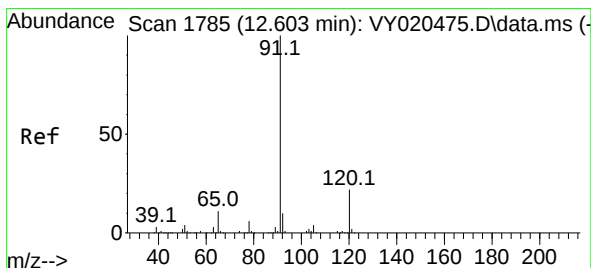
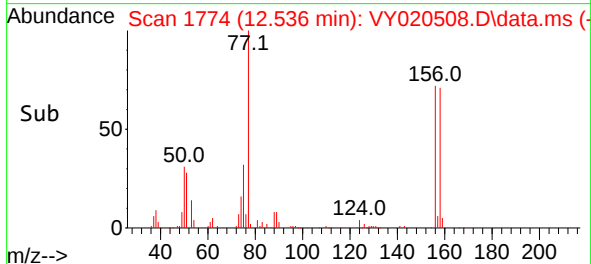
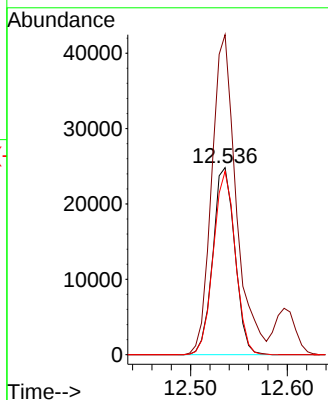
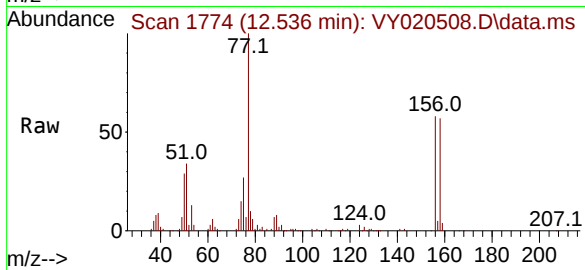
Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156	Resp:	39282
Ion	Ratio	Lower Upper
156	100	
77	189.6	97.2 291.6
158	97.7	47.8 143.4



#78

n-propylbenzene

Concen: 18.460 ug/l

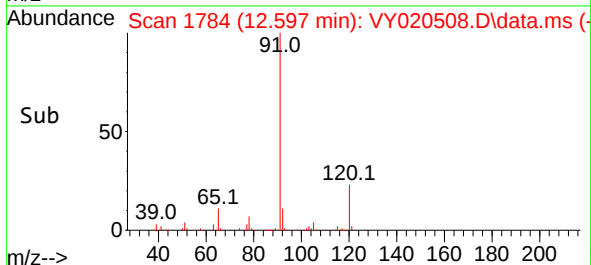
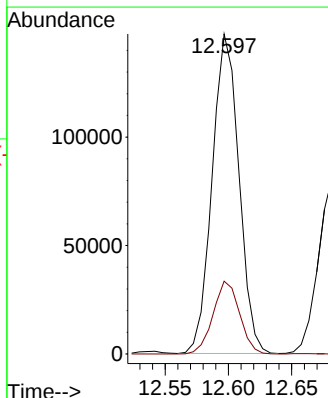
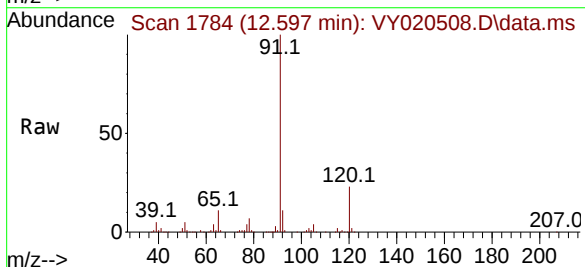
RT: 12.597 min Scan# 1784

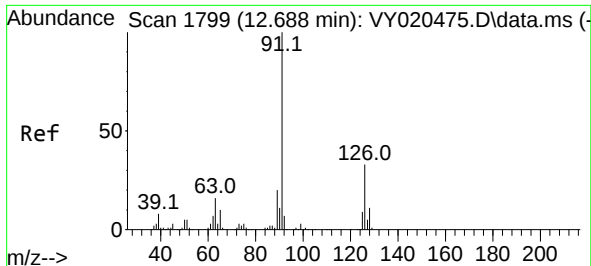
Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Tgt Ion: 91	Resp:	217076
Ion	Ratio	Lower Upper
91	100	
120	22.5	10.9 32.6

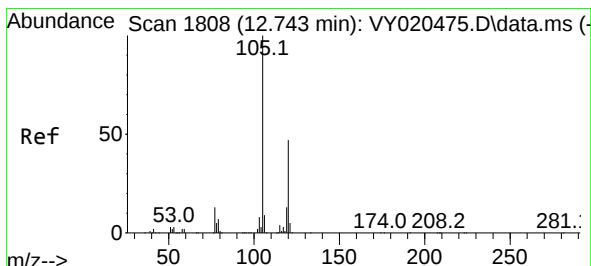
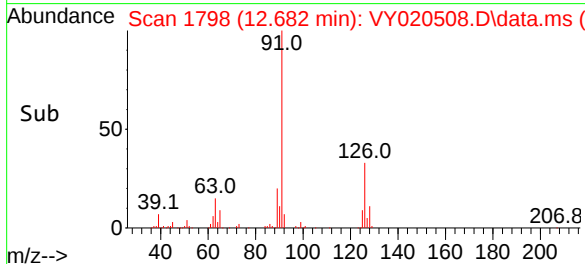
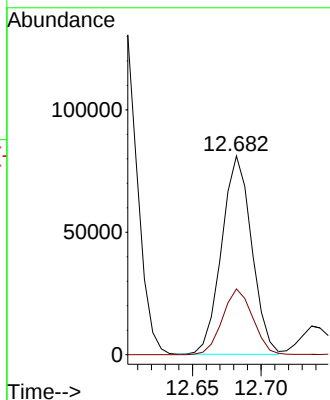
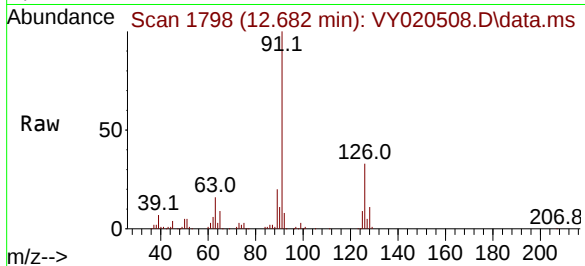




#79
2-Chlorotoluene
Concen: 18.634 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

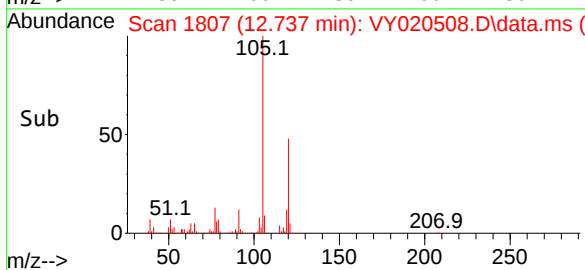
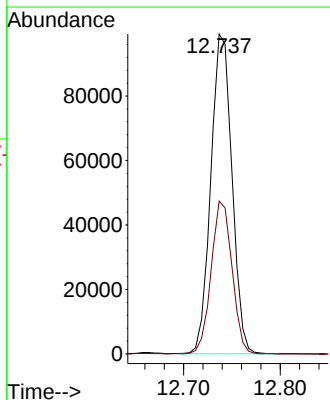
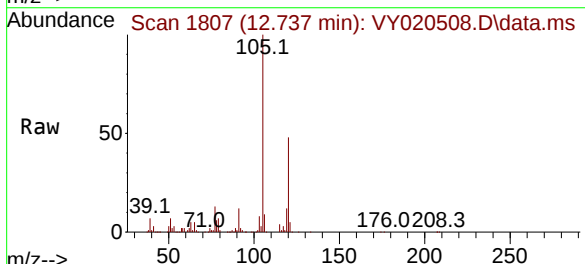
Instrument :
MSVOA_Y
ClientSampleId :

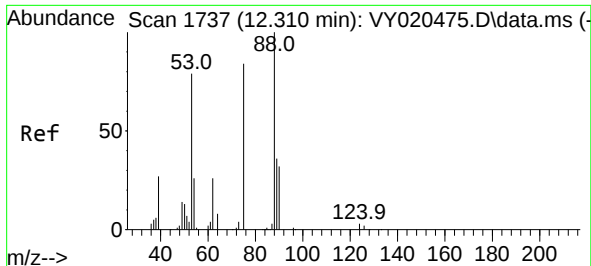
Tgt Ion: 91 Resp: 123649
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.930 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 105 Resp: 150673
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

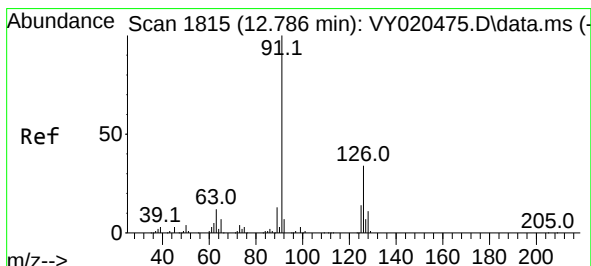
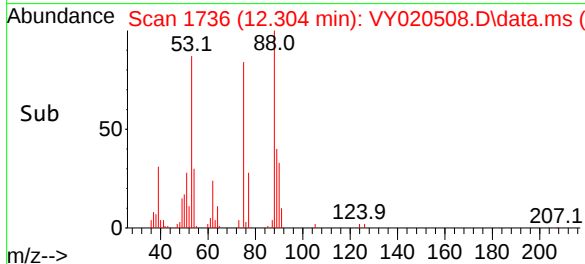
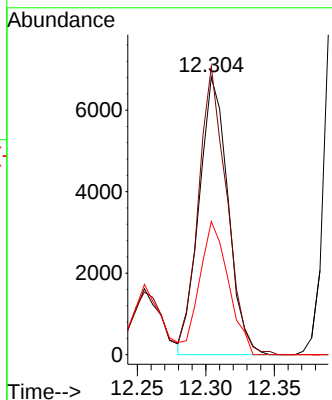
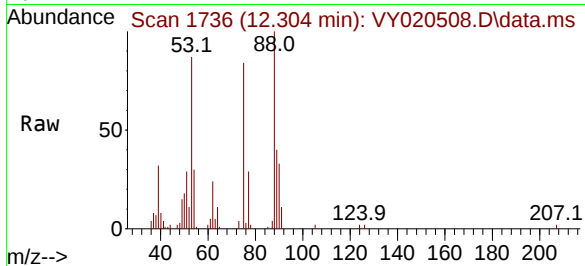




#81
trans-1,4-Dichloro-2-butene
Concen: 19.681 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

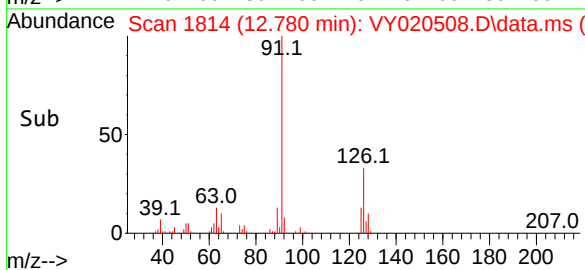
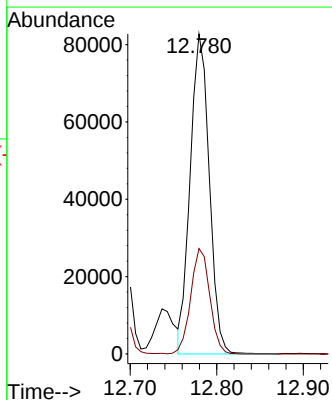
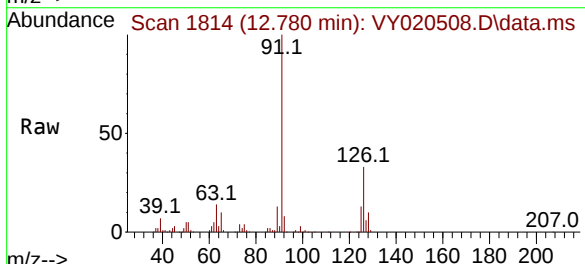
Instrument :
MSVOA_Y
ClientSampleId :

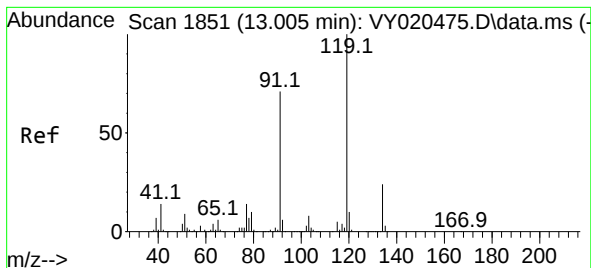
Tgt Ion: 75 Resp: 10030
Ion Ratio Lower Upper
75 100
53 100.8 81.1 121.7
89 47.8 35.1 52.7



#82
4-Chlorotoluene
Concen: 18.696 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020508.D
Acq: 04 Dec 2024 11:46

Tgt Ion: 91 Resp: 126598
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.8





#83

tert-Butylbenzene

Concen: 18.709 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

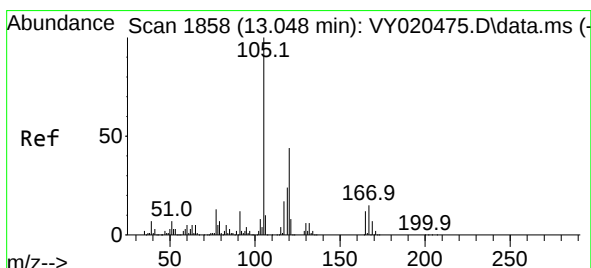
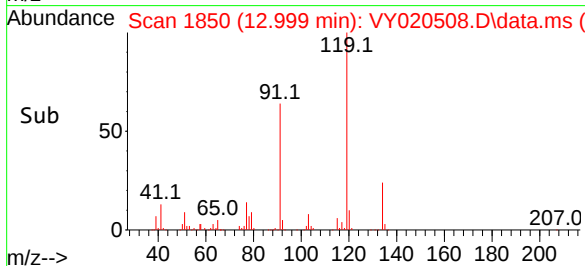
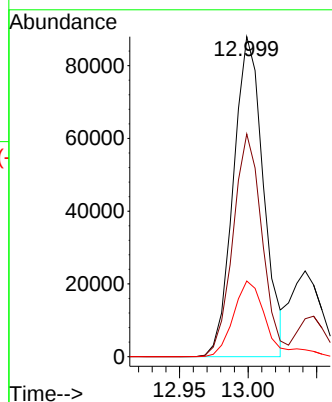
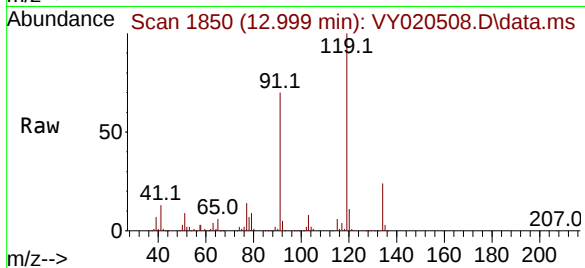
Tgt Ion:119 Resp: 134627

Ion Ratio Lower Upper

119 100

91 67.9 33.3 99.9

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.428 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020508.D

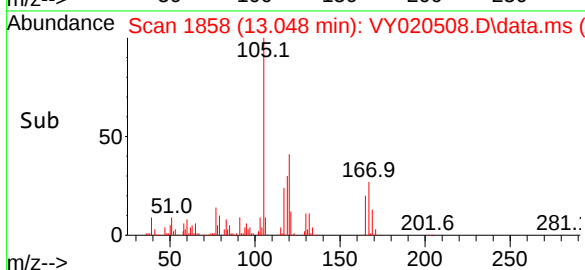
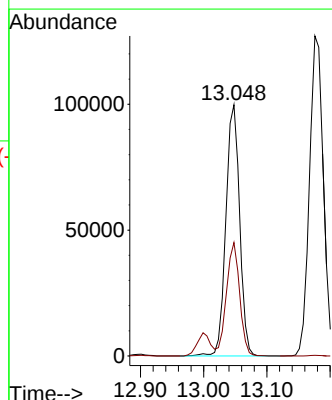
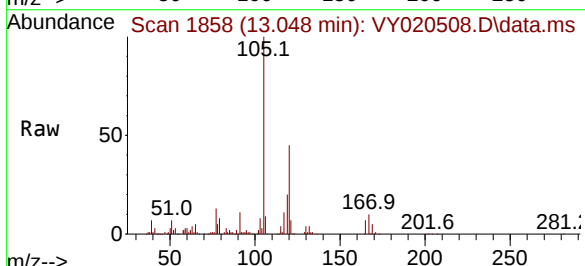
Acq: 04 Dec 2024 11:46

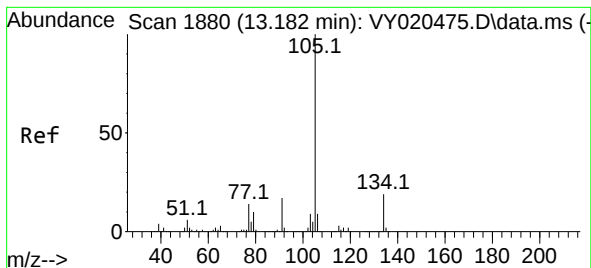
Tgt Ion:105 Resp: 150296

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.662 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

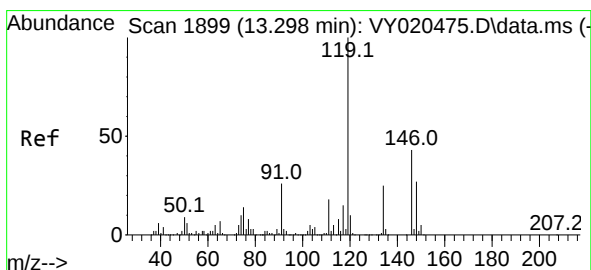
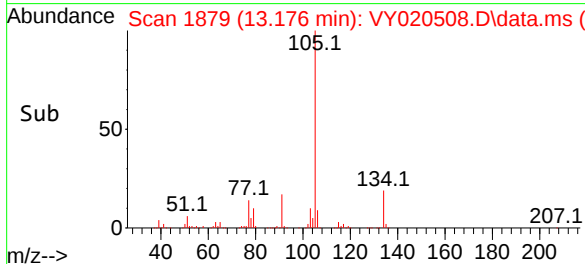
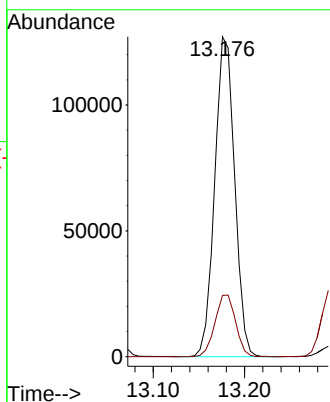
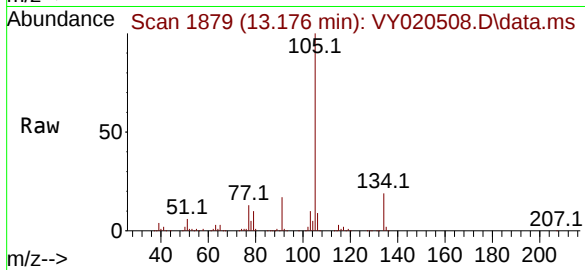
ClientSampleId :

Tgt Ion:105 Resp: 192462

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.213 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

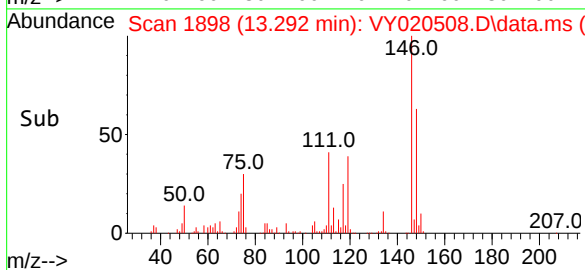
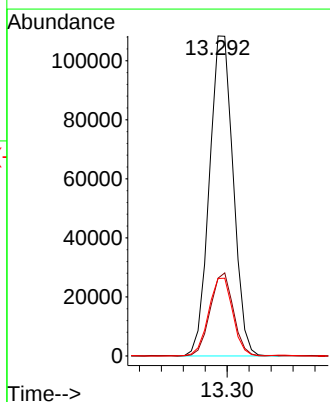
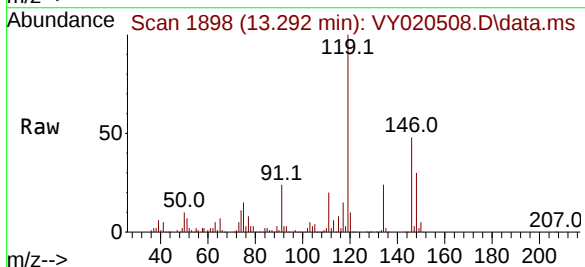
Tgt Ion:119 Resp: 163735

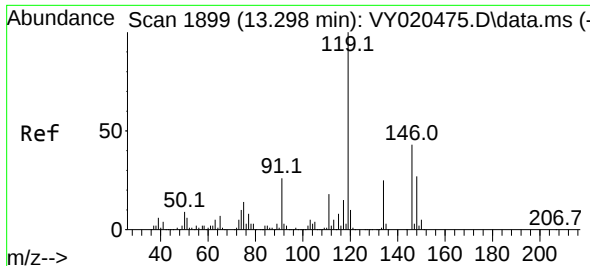
Ion Ratio Lower Upper

119 100

134 25.1 12.8 38.4

91 24.7 12.3 36.8

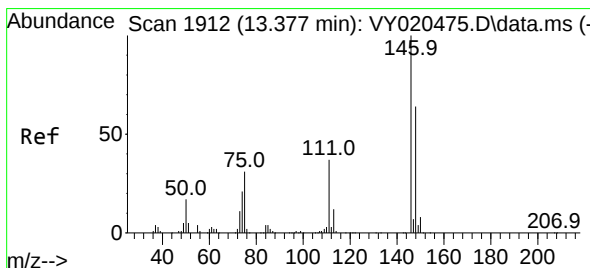
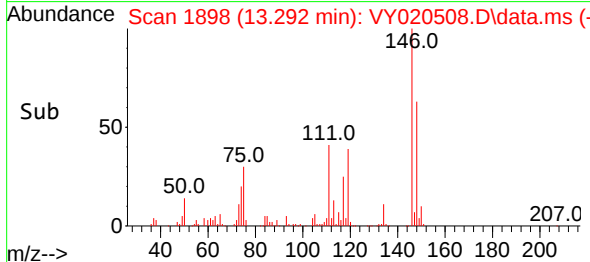
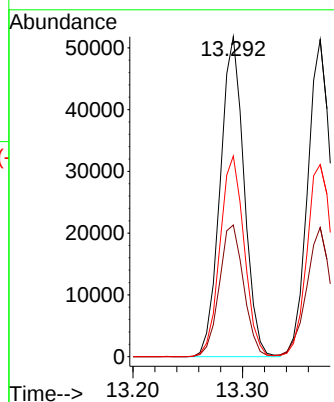
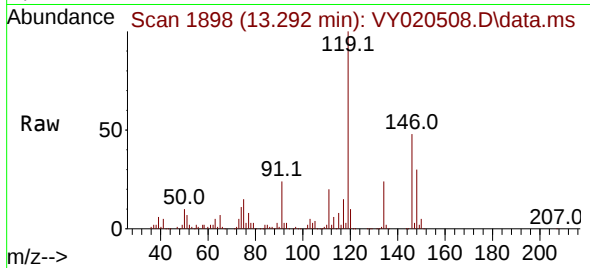




#87
 1,3-Dichlorobenzene
 Concen: 19.748 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

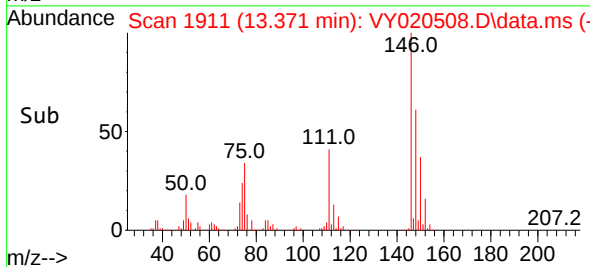
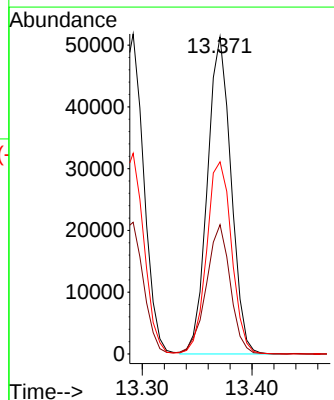
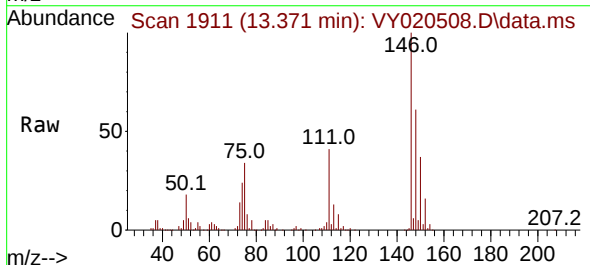
Instrument :
 MSVOA_Y
 ClientSampleId :

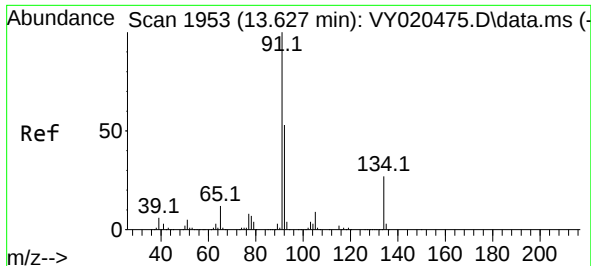
Tgt Ion:146 Resp: 78335
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.6
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.006 min
 Lab File: VY020508.D
 Acq: 04 Dec 2024 11:46

Tgt Ion:146 Resp: 77021
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.6
 148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 19.198 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

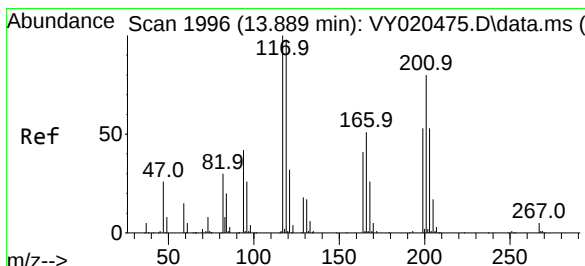
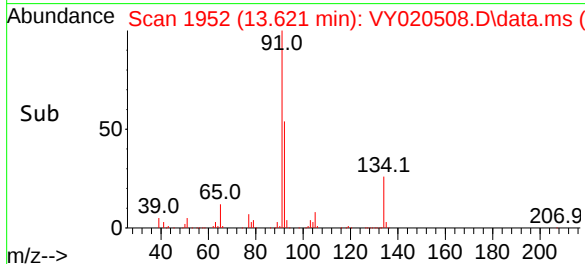
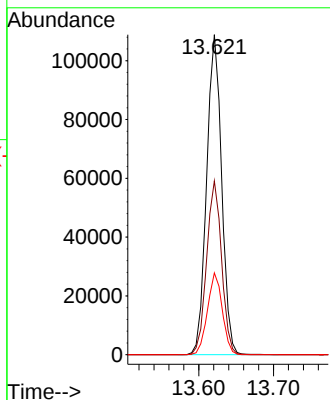
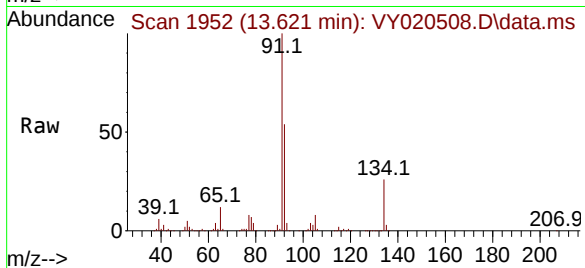
Tgt Ion: 91 Resp: 151742

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.5

134 25.2 12.2 36.4



#90

Hexachloroethane

Concen: 18.765 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020508.D

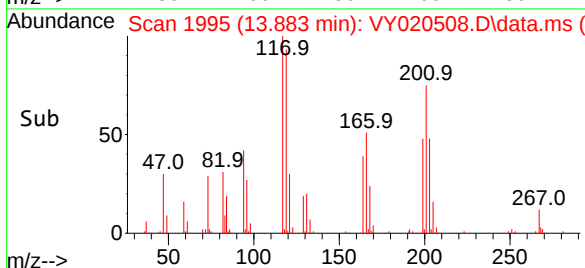
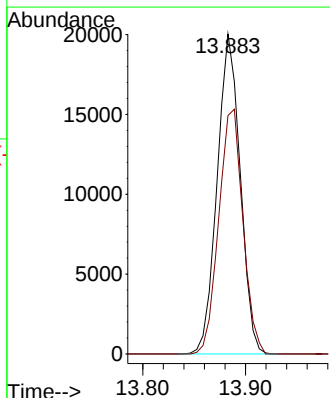
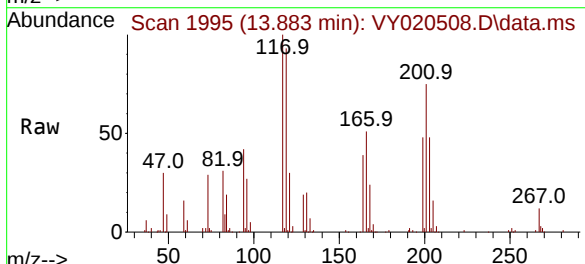
Acq: 04 Dec 2024 11:46

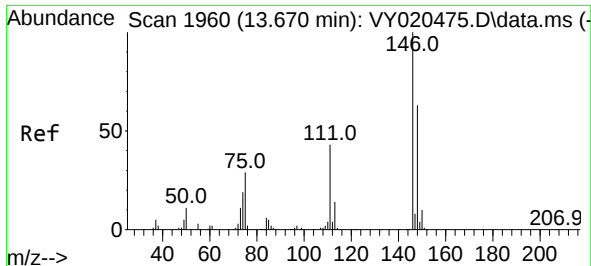
Tgt Ion: 117 Resp: 31165

Ion Ratio Lower Upper

117 100

201 80.0 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.287 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VY020508.D

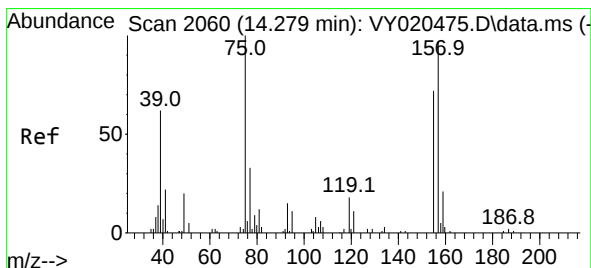
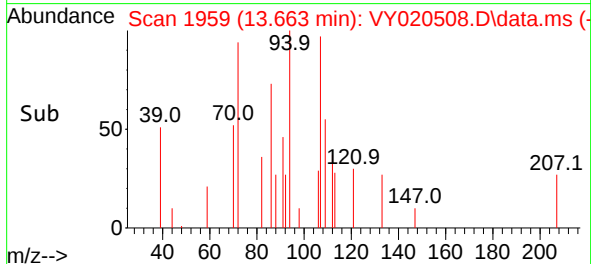
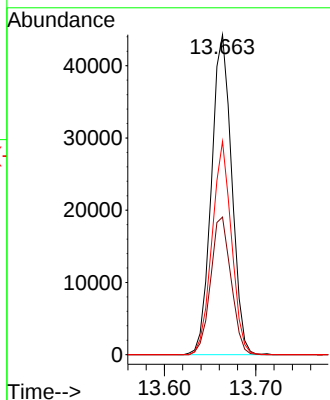
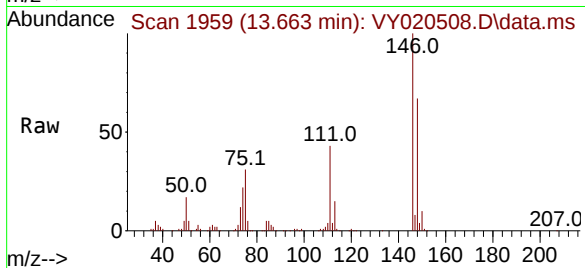
Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	68243
Ion Ratio	Lower	Upper
146	100	
111	43.3	20.8 62.5
148	63.8	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.167 ug/l

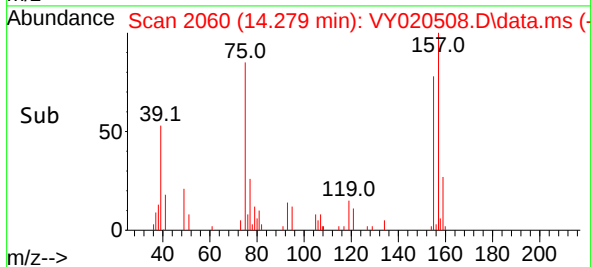
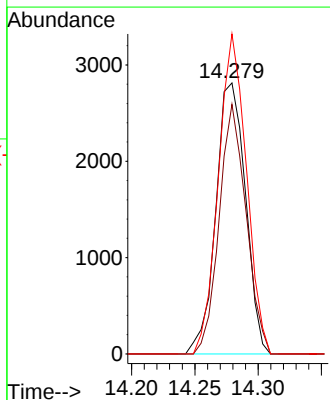
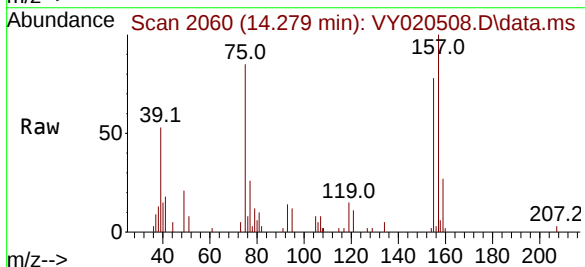
RT: 14.279 min Scan# 2060

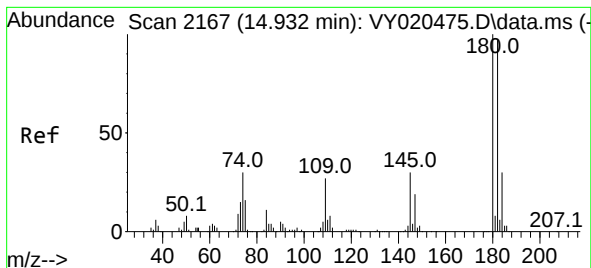
Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Tgt Ion: 75	Resp:	4577
Ion Ratio	Lower	Upper
75	100	
155	83.6	39.7 119.1
157	111.8	52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 21.564 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

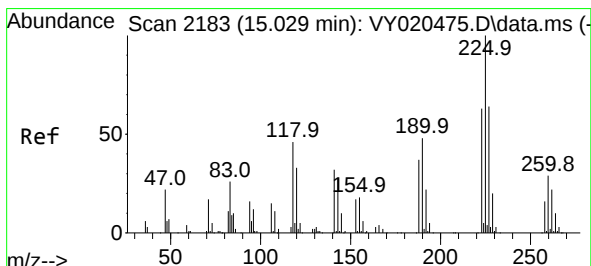
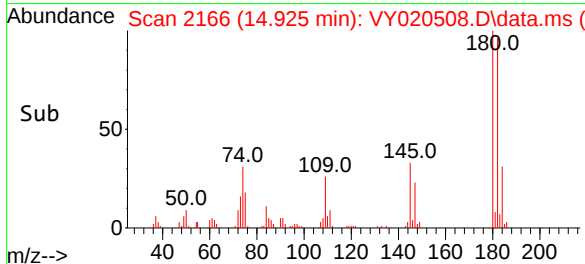
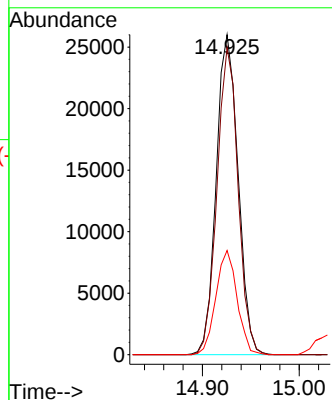
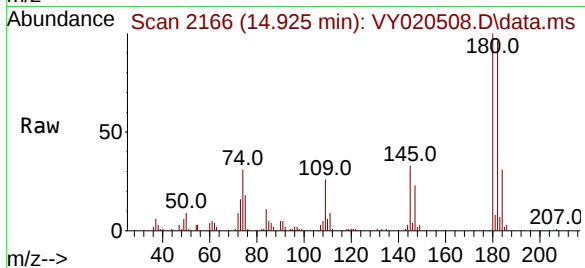
Tgt Ion:180 Resp: 40789

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.8

145 31.7 15.8 47.3



#94

Hexachlorobutadiene

Concen: 20.137 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

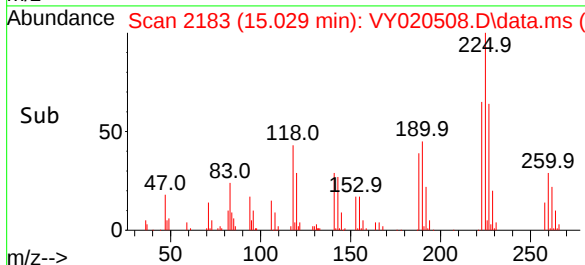
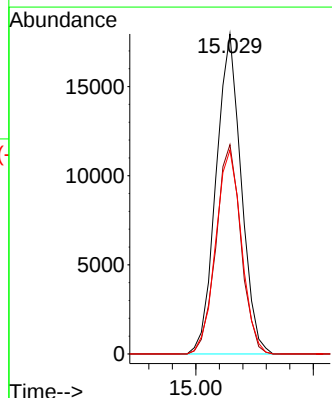
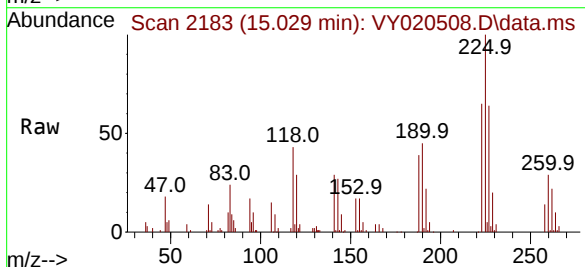
Tgt Ion:225 Resp: 26647

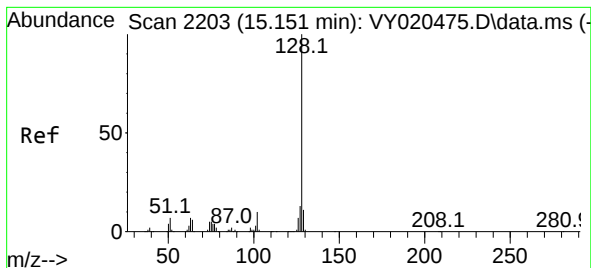
Ion Ratio Lower Upper

225 100

223 64.9 31.9 95.5

227 65.4 32.3 96.8





#95

Naphthalene

Concen: 23.152 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Instrument :

MSVOA_Y

ClientSampleId :

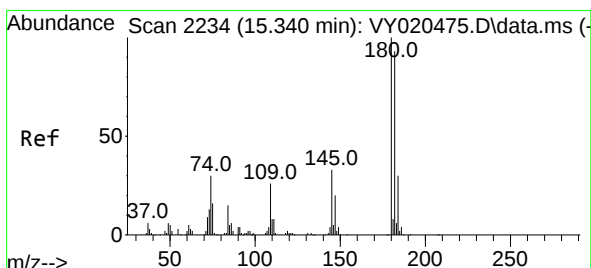
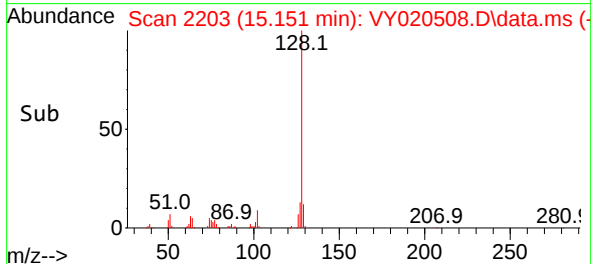
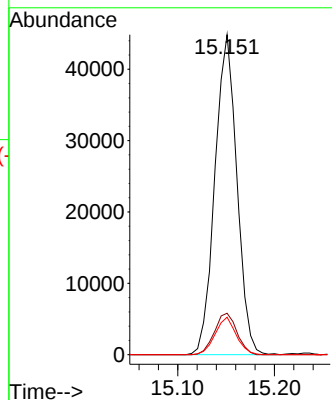
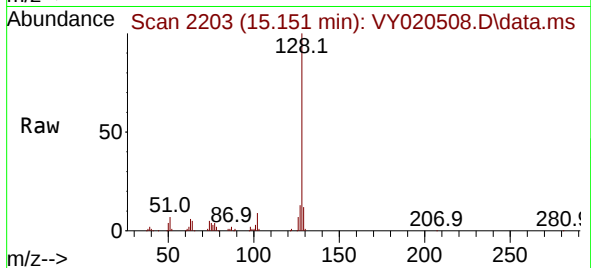
Tgt Ion:128 Resp: 70867

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.280 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020508.D

Acq: 04 Dec 2024 11:46

Tgt Ion:180 Resp: 34006

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.3

145 33.5 16.9 50.6

