

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020493.D
 Acq On : 03 Dec 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:40:27 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	7.725	168	167884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	262530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	212668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	98920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	88504	51.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.646	113	87138	52.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.115	98	326157	51.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.413	95	111114	50.481	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	84982	51.894	ug/l	100
3) Chloromethane	2.074	50	79801	48.129	ug/l	99
4) Vinyl Chloride	2.214	62	83035	49.117	ug/l	100
5) Bromomethane	2.610	94	46722	47.103	ug/l	97
6) Chloroethane	2.750	64	49270	47.551	ug/l	98
7) Trichlorofluoromethane	3.074	101	155467	49.101	ug/l	99
8) Diethyl Ether	3.470	74	42906	47.827	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	88831	48.150	ug/l	97
10) Methyl Iodide	4.019	142	104381	50.400	ug/l	95
11) Tert butyl alcohol	4.896	59	25635	231.450	ug/l #	85
12) 1,1-Dichloroethene	3.811	96	86587	49.684	ug/l	91
13) Acrolein	3.671	56	22487	216.848	ug/l	98
14) Allyl chloride	4.403	41	151050	48.596	ug/l	96
15) Acrylonitrile	5.079	53	91807	245.612	ug/l	100
16) Acetone	3.890	43	113254	266.766	ug/l	100
17) Carbon Disulfide	4.128	76	265585	53.246	ug/l	100
18) Methyl Acetate	4.403	43	43794	48.534	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	216501	48.645	ug/l	98
20) Methylene Chloride	4.634	84	87662	48.540	ug/l	98
21) trans-1,2-Dichloroethene	5.140	96	93942	48.531	ug/l	98
22) Diisopropyl ether	6.036	45	299045	48.382	ug/l	99
23) Vinyl Acetate	5.982	43	811482	248.216	ug/l	99
24) 1,1-Dichloroethane	5.933	63	176452	47.419	ug/l	99
25) 2-Butanone	6.914	43	135719	253.165	ug/l	96
26) 2,2-Dichloropropane	6.902	77	163593	46.481	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	106705	47.209	ug/l	99
28) Bromochloromethane	7.262	49	74757	53.798	ug/l	93
29) Tetrahydrofuran	7.280	42	73463	240.207	ug/l	98
30) Chloroform	7.439	83	177512	46.481	ug/l	99
31) Cyclohexane	7.719	56	156329	46.470	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	171687	46.687	ug/l	98
36) 1,1-Dichloropropene	7.847	75	133252	47.743	ug/l	100
37) Ethyl Acetate	7.000	43	53202	48.115	ug/l	97
38) Carbon Tetrachloride	7.835	117	157435	47.262	ug/l	98
39) Methylcyclohexane	9.121	83	169517	48.946	ug/l	96
40) Benzene	8.091	78	387750	47.120	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	32449	51.622	ug/l	98
42) 1,2-Dichloroethane	8.170	62	103838	48.023	ug/l	100
43) Isopropyl Acetate	8.207	43	108654	48.663	ug/l	97
44) Trichloroethene	8.877	130	95136	46.897	ug/l	98
45) 1,2-Dichloropropane	9.152	63	89641	46.551	ug/l	98
46) Dibromomethane	9.243	93	46014	48.261	ug/l	97
47) Bromodichloromethane	9.432	83	131550	46.831	ug/l	99
48) Methyl methacrylate	9.231	41	50708	48.702	ug/l	96
49) 1,4-Dioxane	9.249	88	8264	906.788	ug/l #	91
51) 4-Methyl-2-Pentanone	10.005	43	264409	239.791	ug/l	99
52) Toluene	10.182	92	241862	47.108	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	120478	47.772	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	143083	48.007	ug/l	97
55) 1,1,2-Trichloroethane	10.578	97	59884	47.084	ug/l	98
56) Ethyl methacrylate	10.450	69	86779	48.222	ug/l	95
57) 1,3-Dichloropropane	10.725	76	107796	47.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	210679	250.040	ug/l	97
59) 2-Hexanone	10.767	43	199071	250.255	ug/l	97
60) Dibromochloromethane	10.920	129	84174	47.536	ug/l	100
61) 1,2-Dibromoethane	11.023	107	53875	46.321	ug/l	98
64) Tetrachloroethene	10.658	164	84495	47.020	ug/l	95
65) Chlorobenzene	11.450	112	249968	46.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	88884	47.017	ug/l	98
67) Ethyl Benzene	11.529	91	470492	47.088	ug/l	98
68) m/p-Xylenes	11.639	106	343613	93.916	ug/l	99
69) o-Xylene	11.962	106	160634	46.864	ug/l	97
70) Styrene	11.981	104	269223	47.079	ug/l	99
71) Bromoform	12.139	173	46181	48.047	ug/l #	97
73) Isopropylbenzene	12.261	105	444924	46.487	ug/l	99
74) N-amyl acetate	12.078	43	92236	49.169	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	63540	46.164	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	87691	87.022	ug/l #	100
77) Bromobenzene	12.541	156	91924	46.378	ug/l	98
78) n-propylbenzene	12.602	91	529106	46.692	ug/l	99
79) 2-Chlorotoluene	12.688	91	294749	46.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	357115	46.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	22994	46.821	ug/l	98
82) 4-Chlorotoluene	12.785	91	299943	45.967	ug/l	99
83) tert-Butylbenzene	13.005	119	318963	45.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.053	105	346184	46.437	ug/l	100
85) sec-Butylbenzene	13.188	105	465715	46.863	ug/l	100
86) p-Isopropyltoluene	13.297	119	388045	47.252	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	179385	46.928	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	172527	46.104	ug/l	99
89) n-Butylbenzene	13.627	91	359739	47.230	ug/l	99
90) Hexachloroethane	13.889	117	73843	46.139	ug/l	94
91) 1,2-Dichlorobenzene	13.669	146	153485	47.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9895	47.488	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	86286	47.337	ug/l	99
94) Hexachlorobutadiene	15.035	225	61667	48.359	ug/l	98
95) Naphthalene	15.157	128	143259	48.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	69631	47.342	ug/l	99

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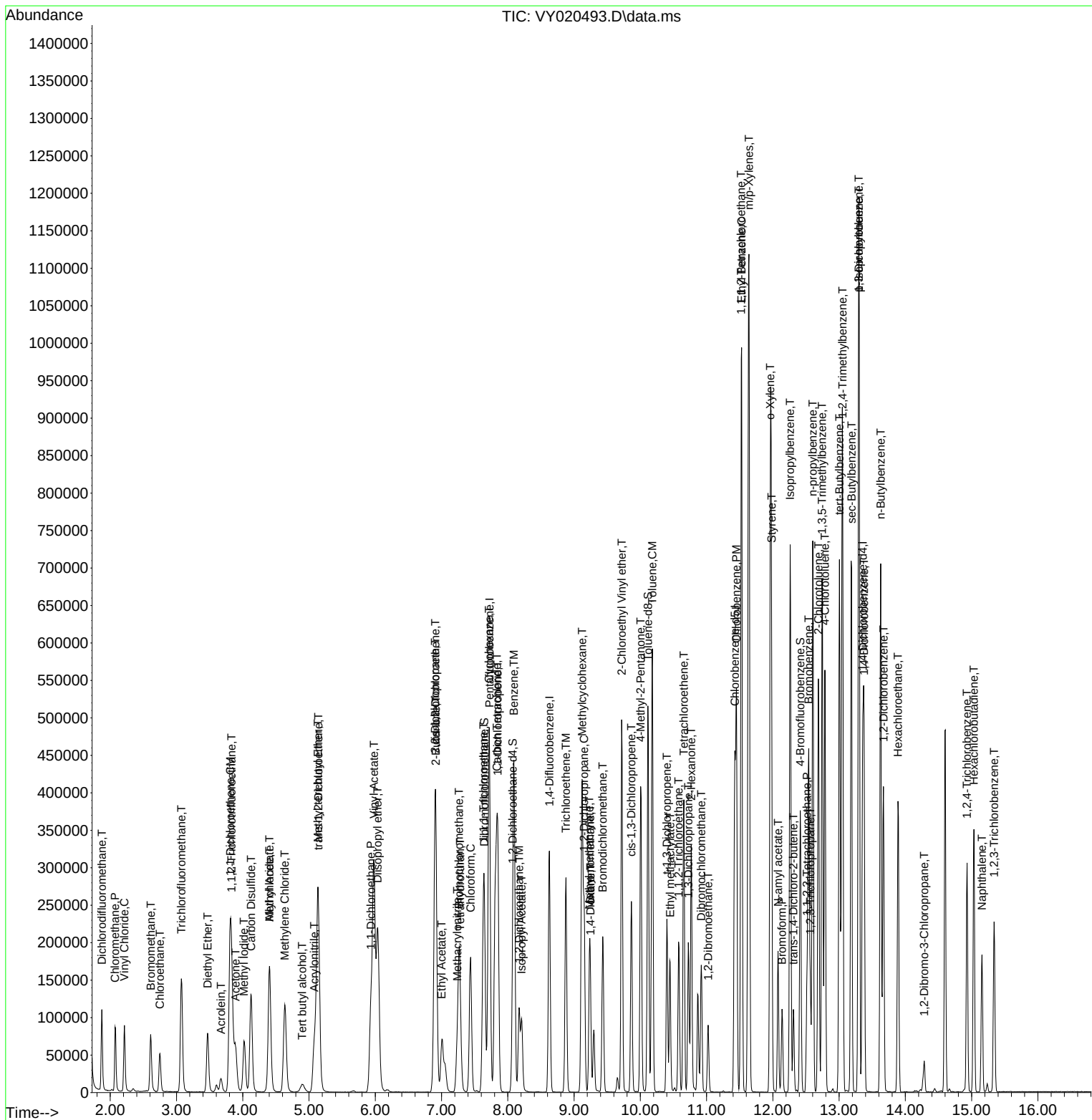
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MSVOA_Y
ClientSampleId :

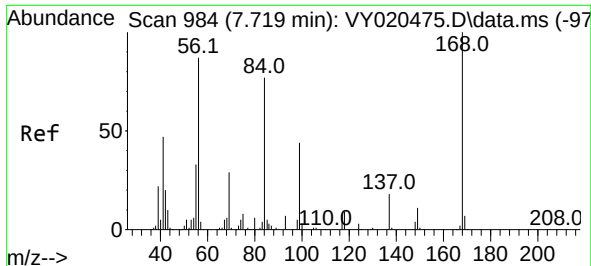
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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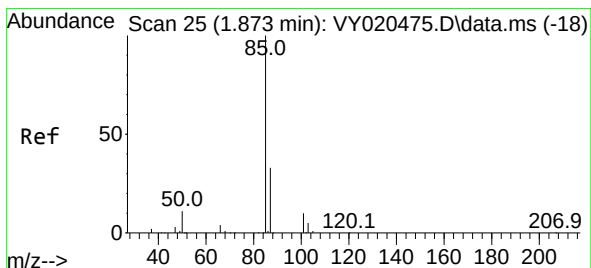
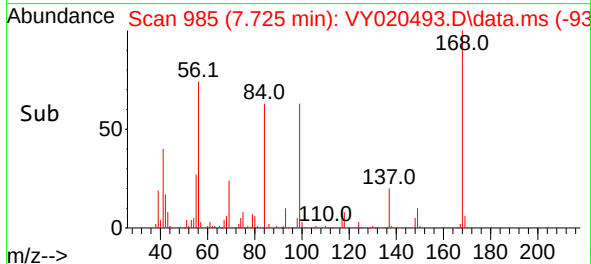
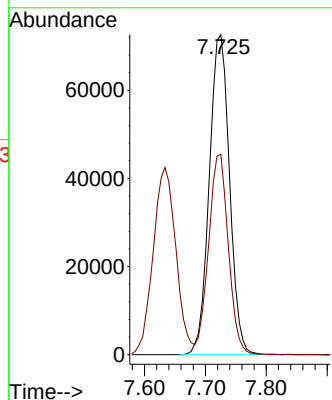
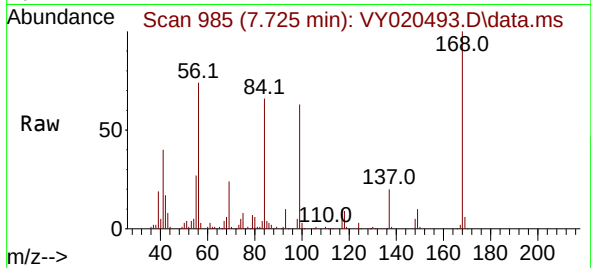




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020493.D
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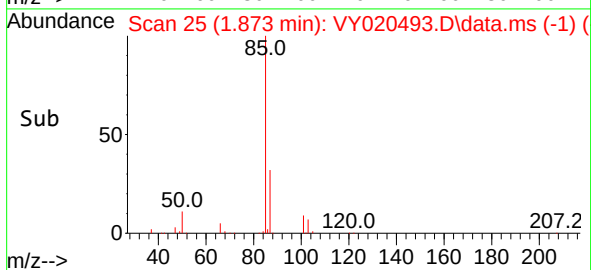
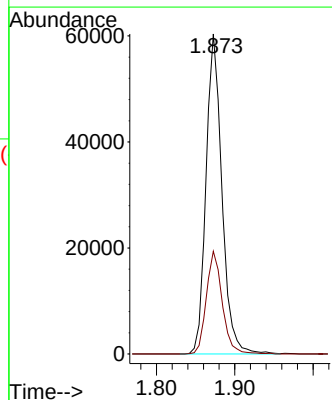
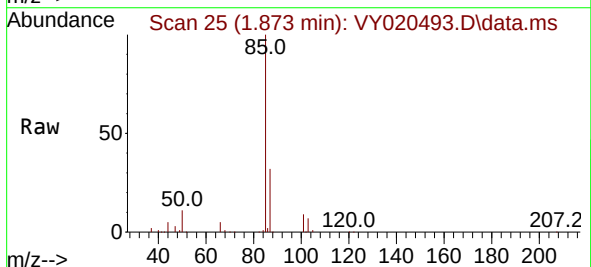
Instrument :
MSVOA_Y
ClientSampleId :

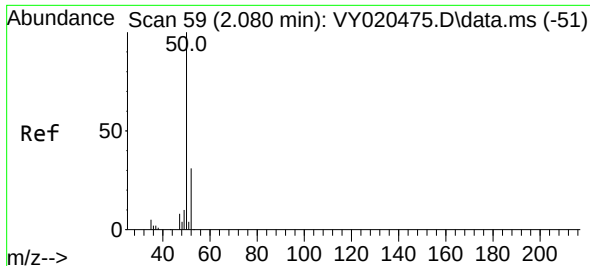
Tgt Ion:168 Resp: 167884
Ion Ratio Lower Upper
168 100
99 62.5 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 51.894 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

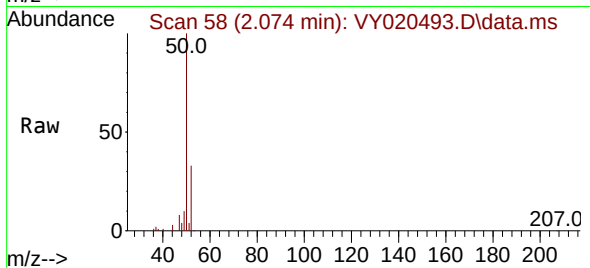
Tgt Ion: 85 Resp: 84982
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2



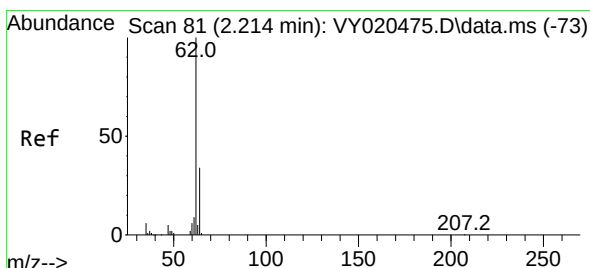
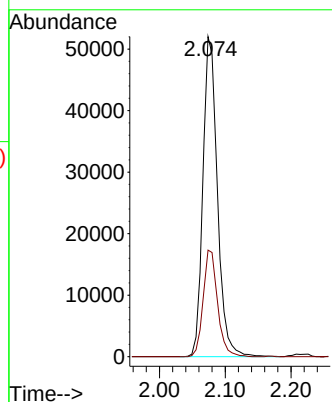
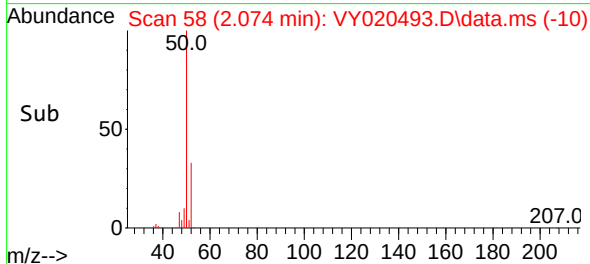


#3
Chloromethane
Concen: 48.129 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

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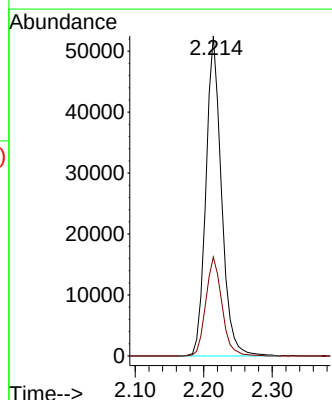
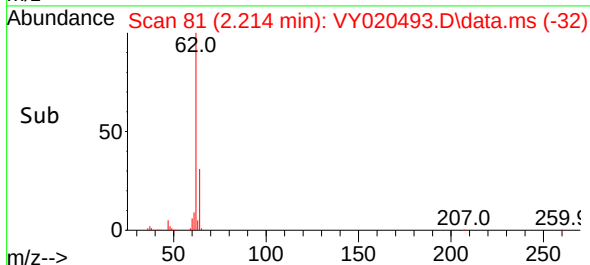
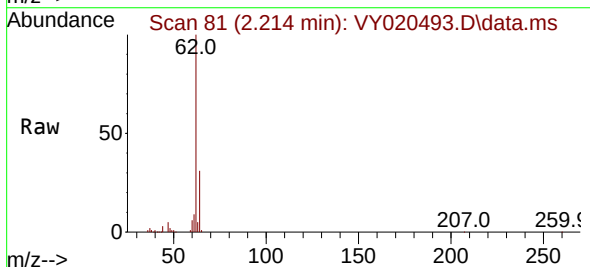


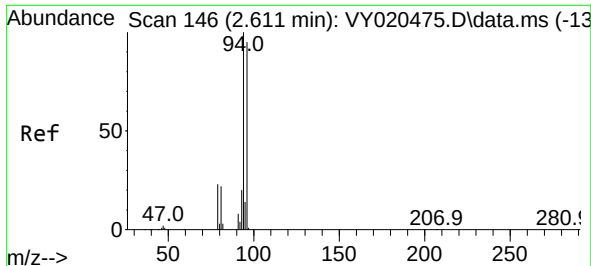
Tgt Ion: 50 Resp: 79801
Ion Ratio Lower Upper
50 100
52 33.3 26.9 40.3



#4
Vinyl Chloride
Concen: 49.117 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 62 Resp: 83035
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1

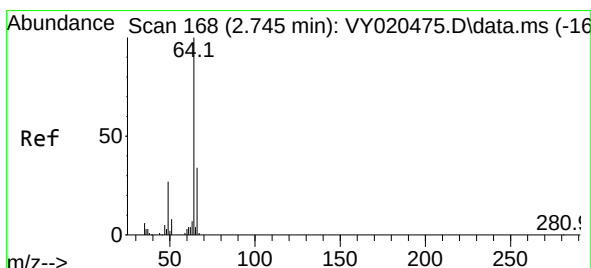
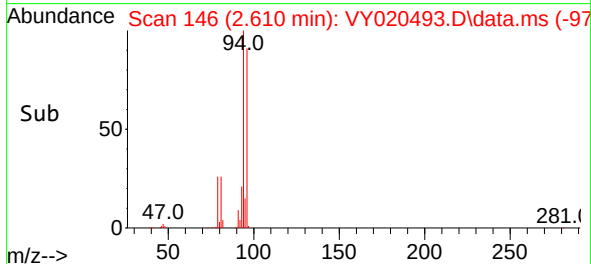
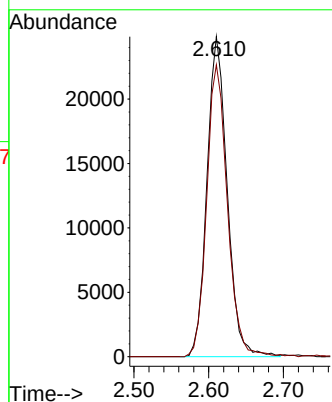
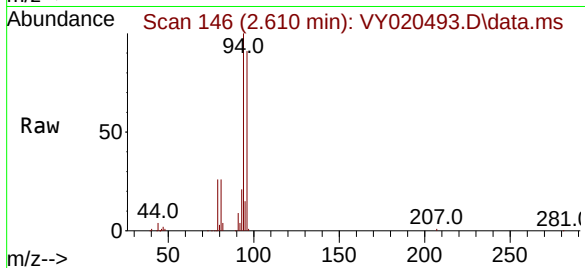




#5
Bromomethane
Concen: 47.103 ug/l
RT: 2.610 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

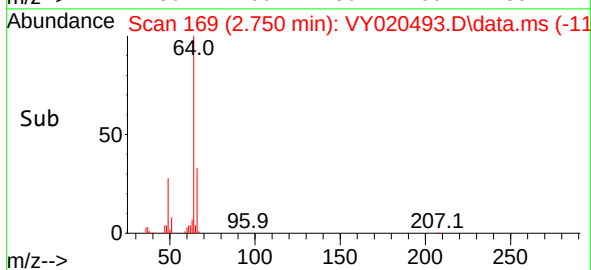
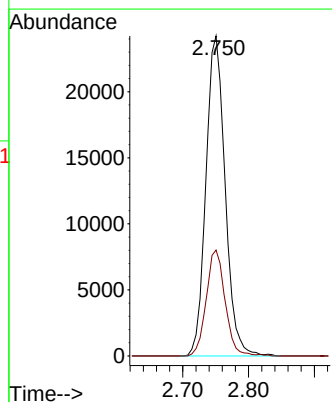
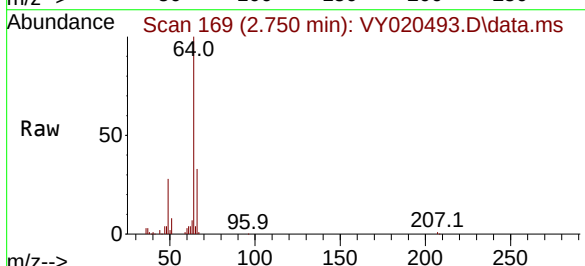
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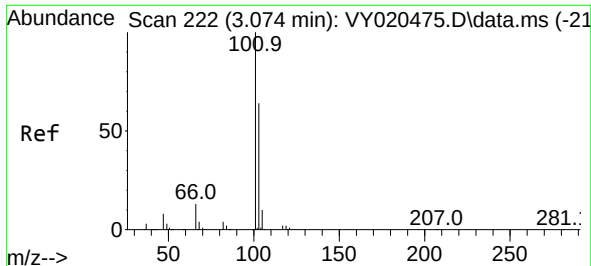
Tgt Ion: 94 Resp: 46722
Ion Ratio Lower Upper
94 100
96 91.2 75.4 113.2



#6
Chloroethane
Concen: 47.551 ug/l
RT: 2.750 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 64 Resp: 49270
Ion Ratio Lower Upper
64 100
66 33.1 25.7 38.5

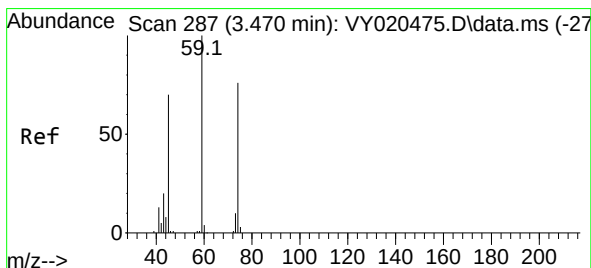
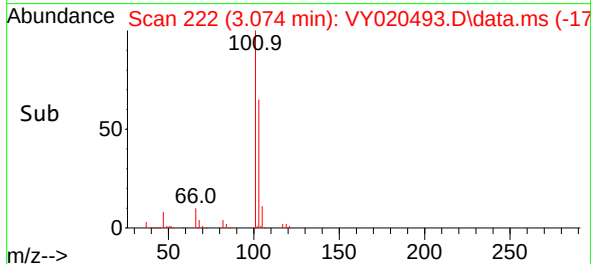
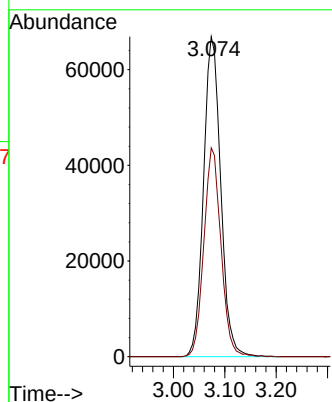
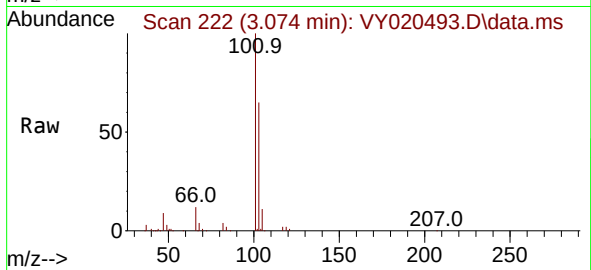




#7
 Trichlorofluoromethane
 Concen: 49.101 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

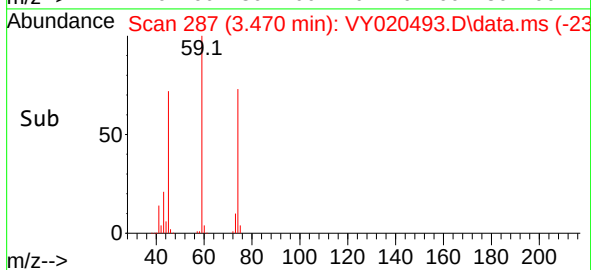
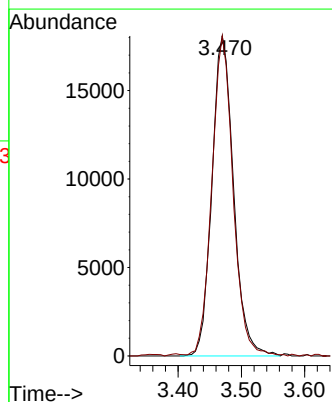
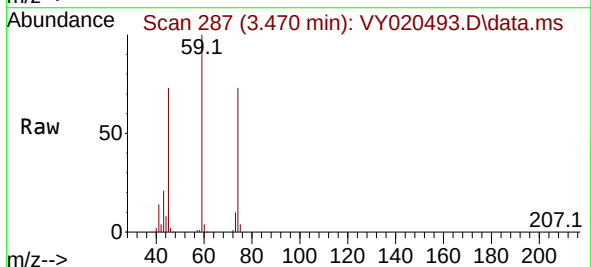
Instrument :
 MSVOA_Y
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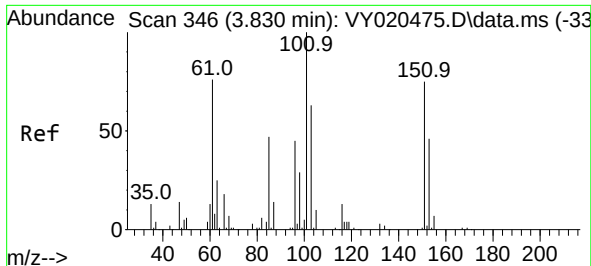
Tgt Ion:101 Resp: 155467
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 47.827 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

Tgt Ion: 74 Resp: 42906
 Ion Ratio Lower Upper
 74 100
 45 98.3 53.6 160.8

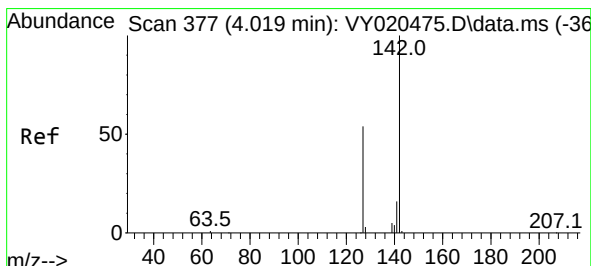
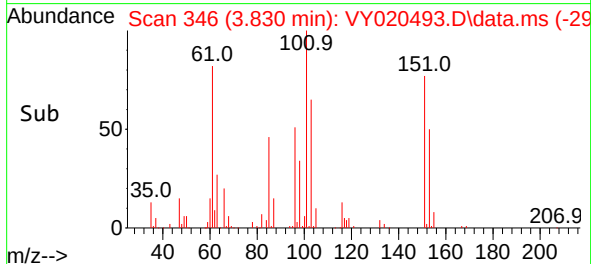
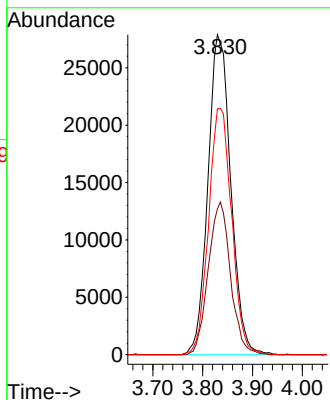
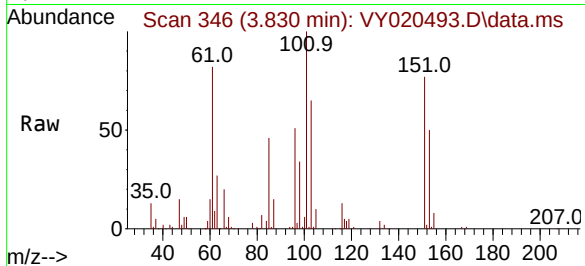




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.150 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
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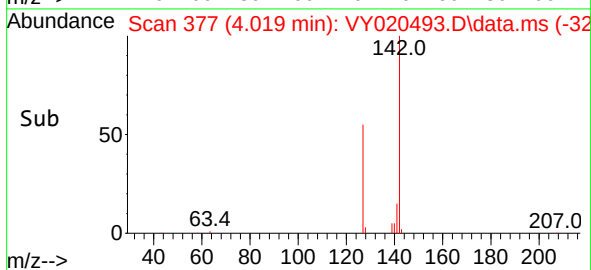
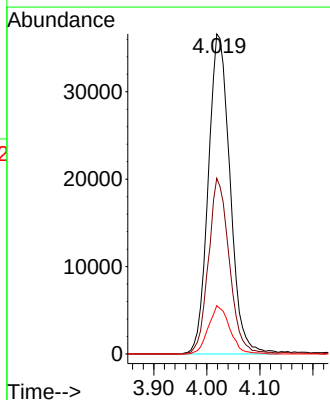
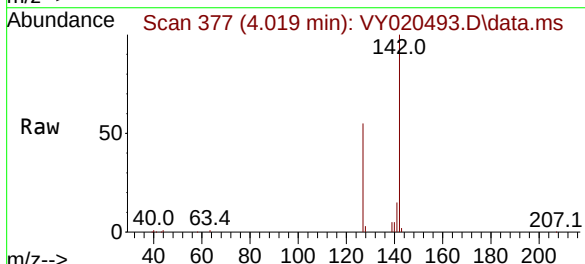
Instrument :
MSVOA_Y
ClientSampleId :

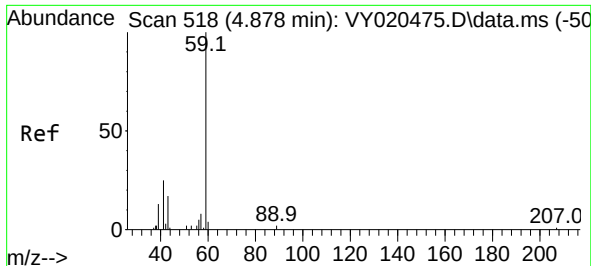
Tgt Ion:101 Resp: 88831
Ion Ratio Lower Upper
101 100
85 46.3 38.0 57.0
151 77.8 59.6 89.4



#10
Methyl Iodide
Concen: 50.400 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

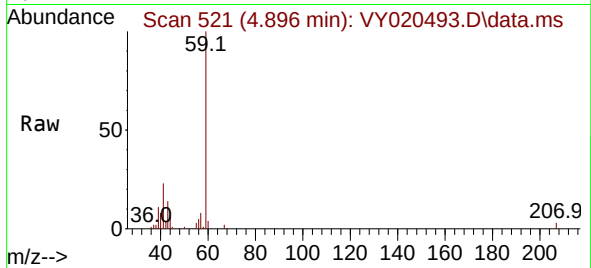
Tgt Ion:142 Resp: 104381
Ion Ratio Lower Upper
142 100
127 52.7 38.9 58.3
141 14.8 11.7 17.5



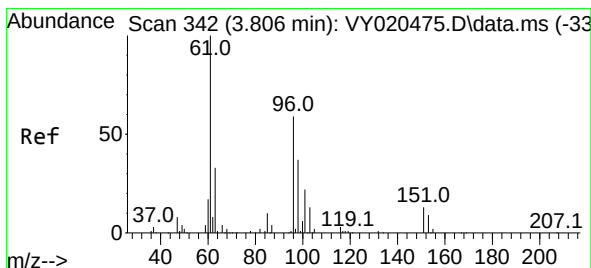
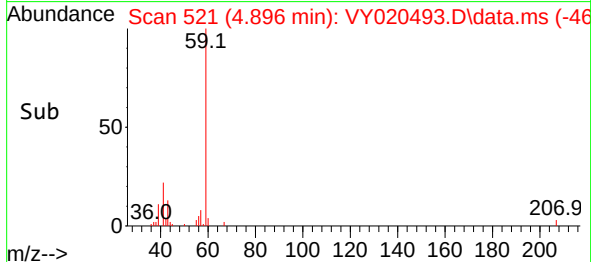
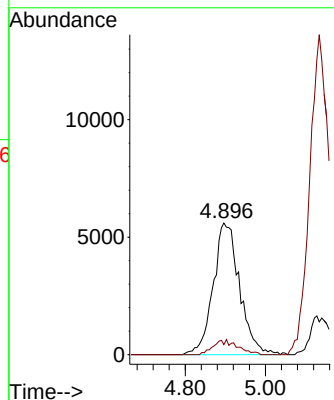


#11
Tert butyl alcohol
Concen: 231.450 ug/l
RT: 4.896 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

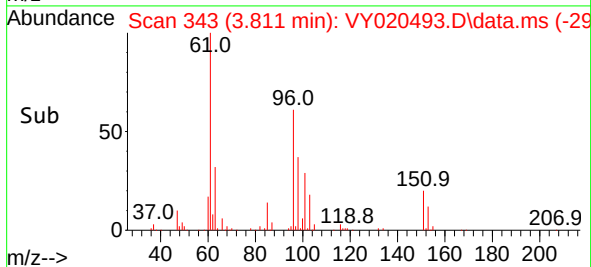
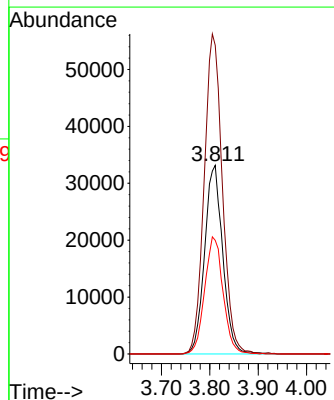
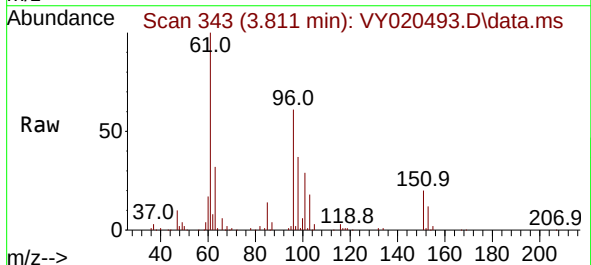


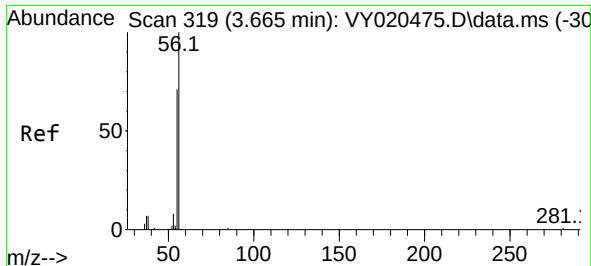
Tgt Ion: 59 Resp: 25635
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 49.684 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

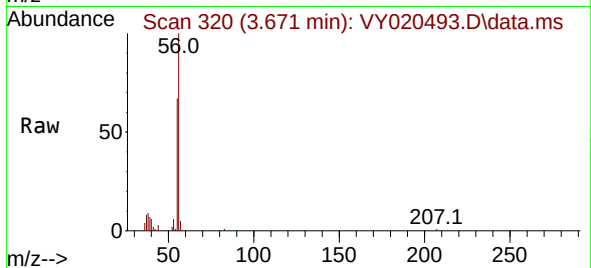
Tgt Ion: 96 Resp: 86587
Ion Ratio Lower Upper
96 100
61 163.7 143.3 214.9
98 60.3 49.8 74.8



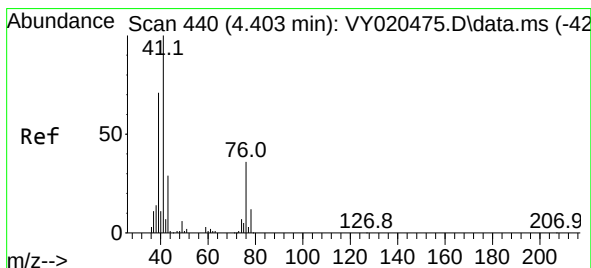
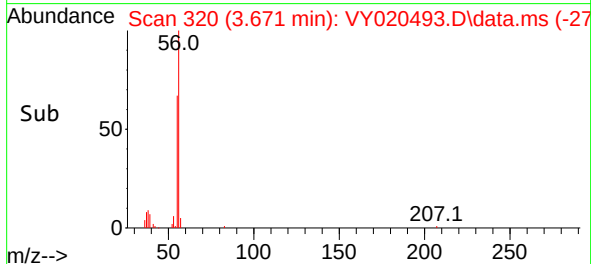
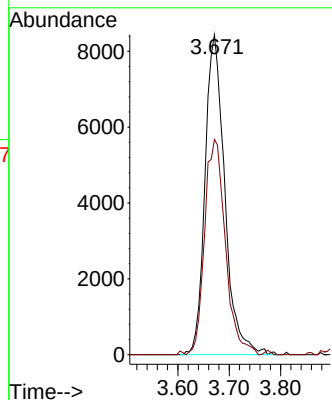


#13
Acrolein
Concen: 216.848 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

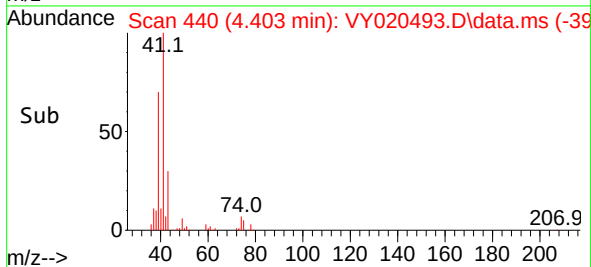
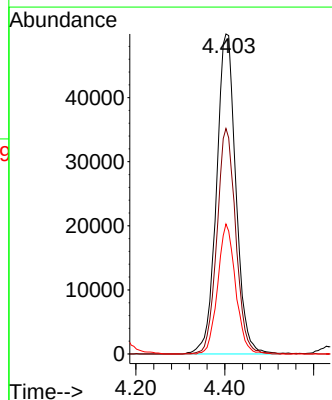
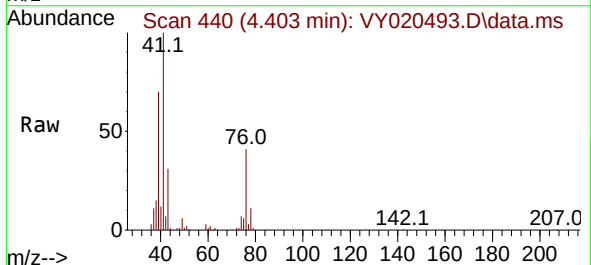


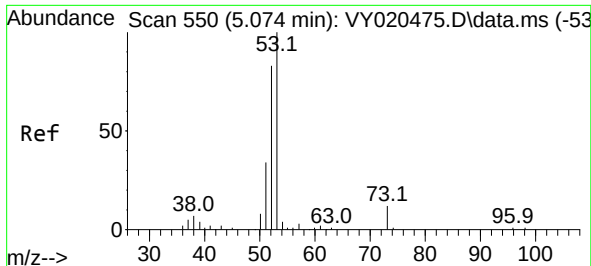
Tgt Ion: 56 Resp: 22487
Ion Ratio Lower Upper
56 100
55 70.7 57.7 86.5



#14
Allyl chloride
Concen: 48.596 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

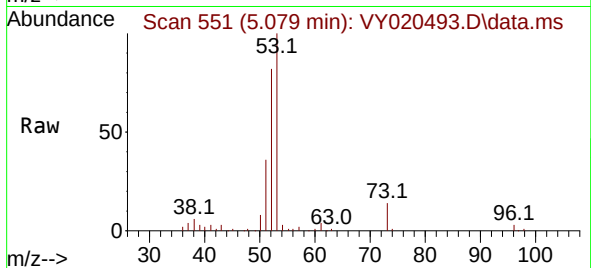
Tgt Ion: 41 Resp: 151050
Ion Ratio Lower Upper
41 100
39 68.1 58.8 88.2
76 37.4 29.7 44.5



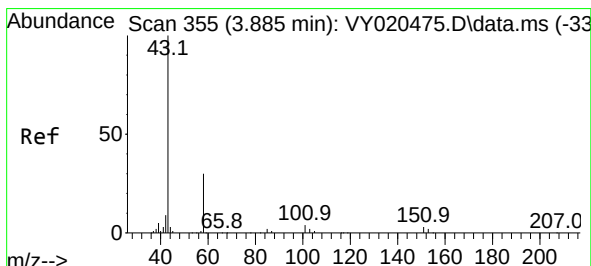
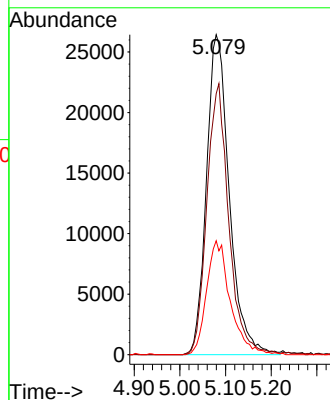
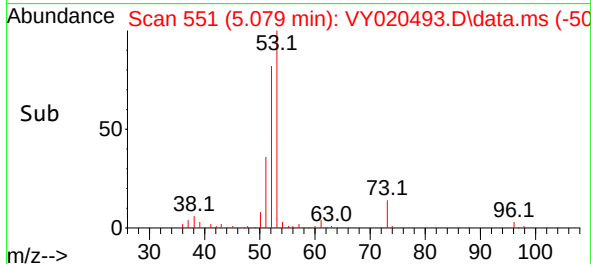


#15
Acrylonitrile
Concen: 245.612 ug/l
RT: 5.079 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

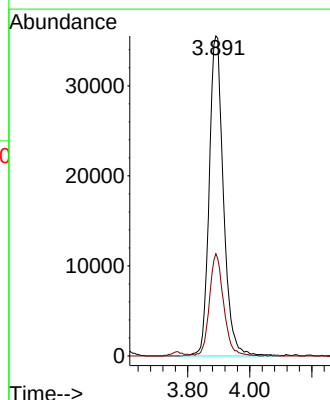
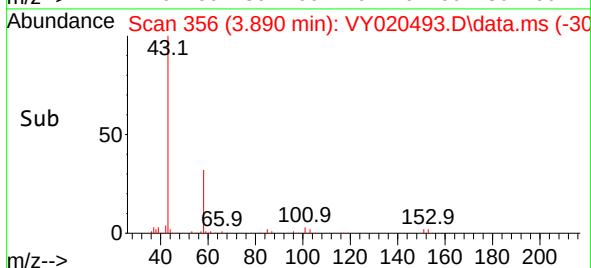
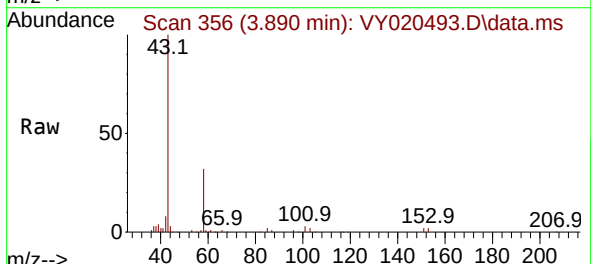


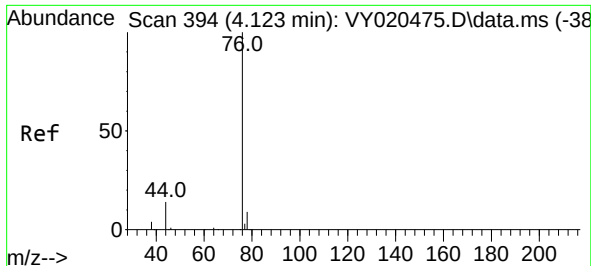
Tgt Ion: 53 Resp: 91807
Ion Ratio Lower Upper
53 100
52 81.4 65.2 97.8
51 37.1 30.2 45.4



#16
Acetone
Concen: 266.766 ug/l
RT: 3.890 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 43 Resp: 113254
Ion Ratio Lower Upper
43 100
58 31.9 25.7 38.5

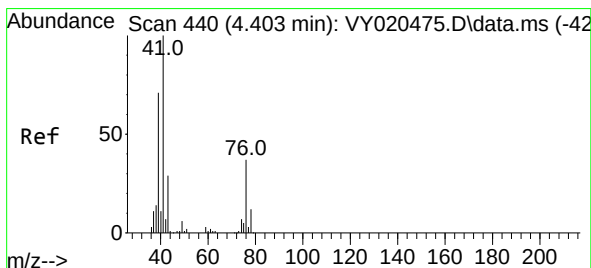
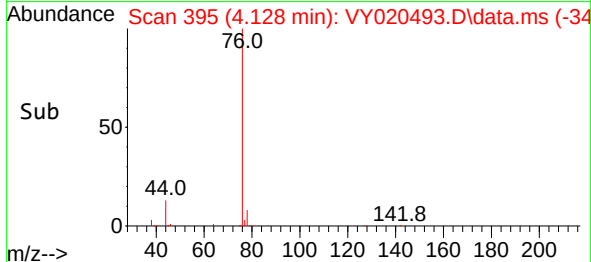
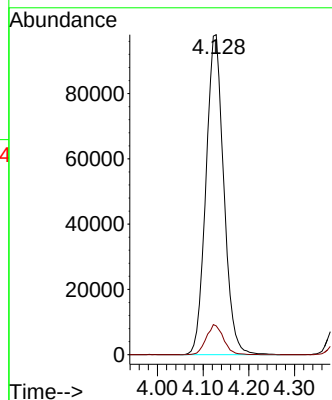
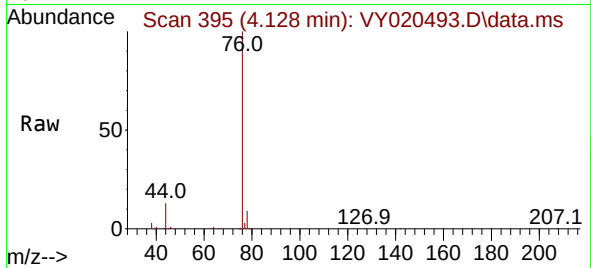




#17
Carbon Disulfide
Concen: 53.246 ug/l
RT: 4.128 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

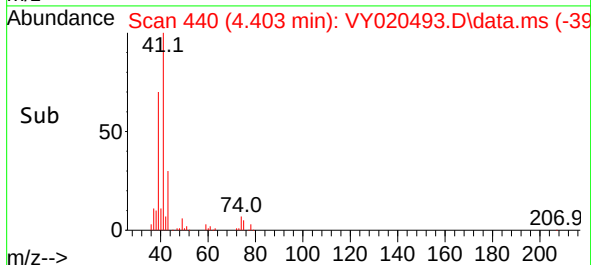
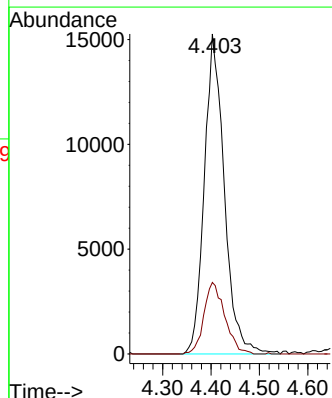
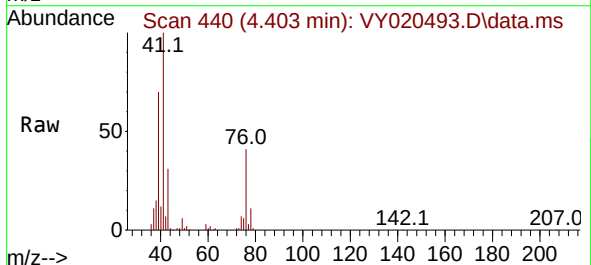
Instrument :
MSVOA_Y
ClientSampleId :

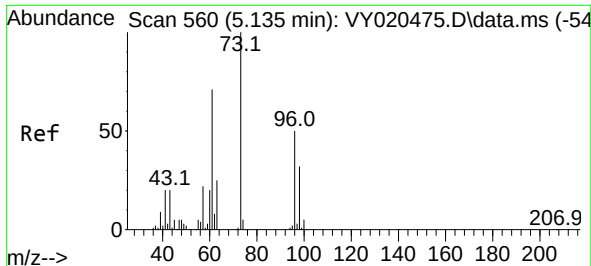
Tgt Ion: 76 Resp: 265585
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 48.534 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 43 Resp: 43794
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 48.645 ug/l

RT: 5.134 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

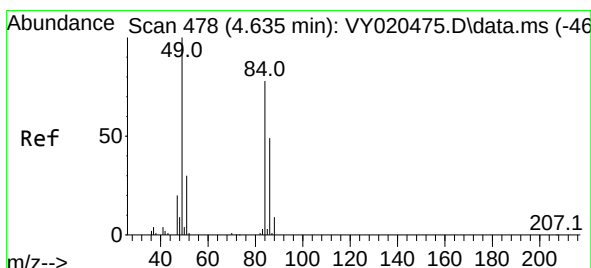
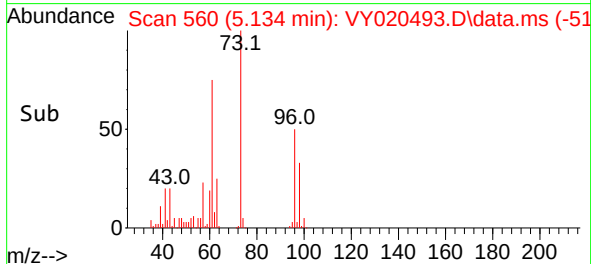
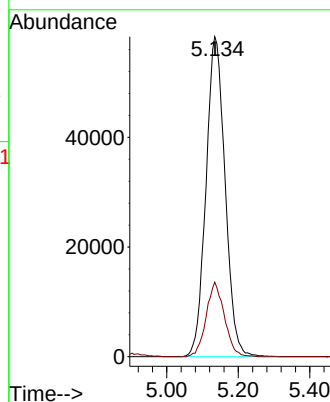
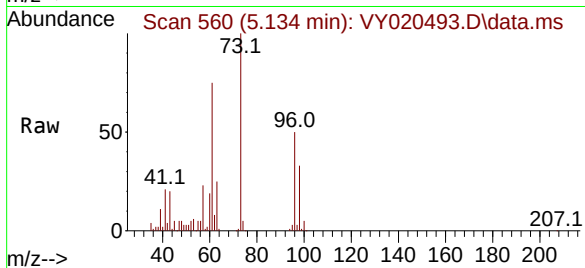
ClientSampleId :

Tgt Ion: 73 Resp: 216501

Ion Ratio Lower Upper

73 100

57 23.3 18.0 27.0



#20

Methylene Chloride

Concen: 48.540 ug/l

RT: 4.634 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Tgt Ion: 84 Resp: 87662

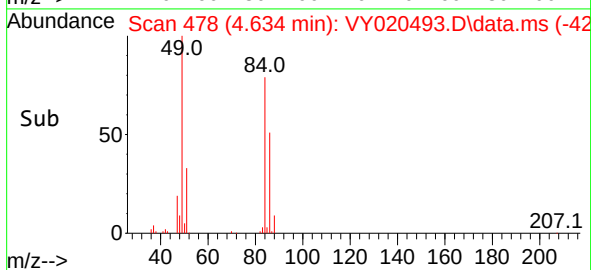
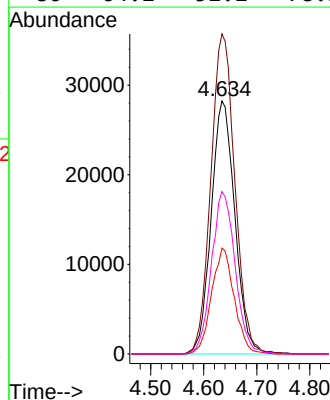
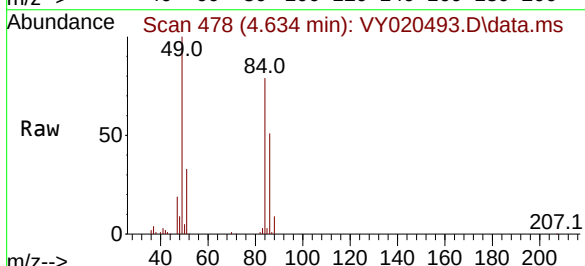
Ion Ratio Lower Upper

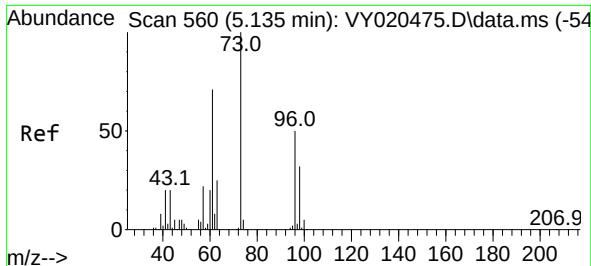
84 100

49 126.5 104.7 157.1

51 41.9 33.4 50.0

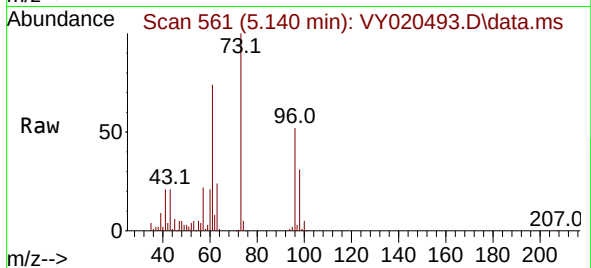
86 64.2 52.2 78.2



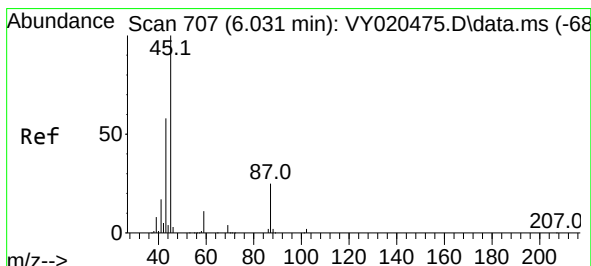
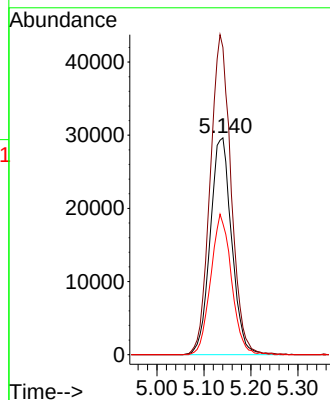
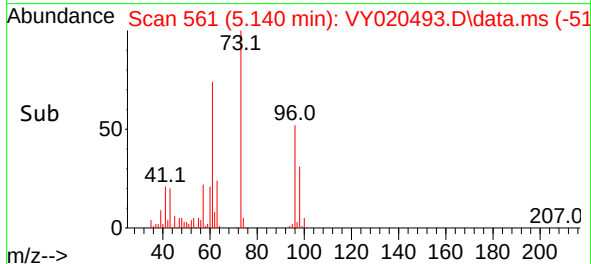


#21
trans-1,2-Dichloroethene
Concen: 48.531 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

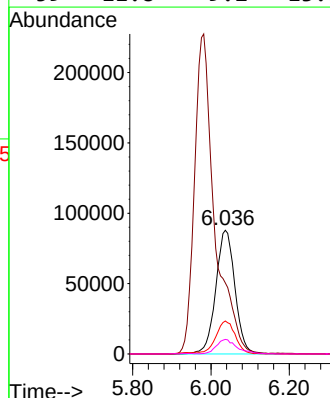
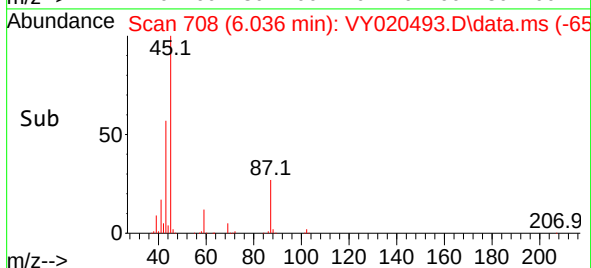
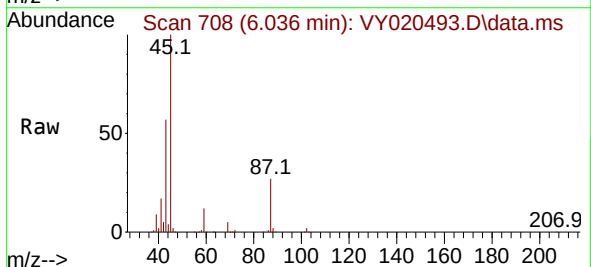


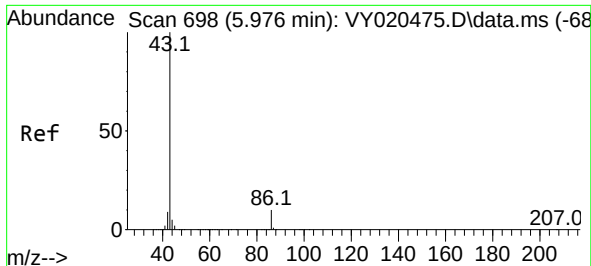
Tgt Ion: 96 Resp: 93942
Ion Ratio Lower Upper
96 100
61 141.7 111.6 167.4
98 60.5 46.7 70.1



#22
Diisopropyl ether
Concen: 48.382 ug/l
RT: 6.036 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 45 Resp: 299045
Ion Ratio Lower Upper
45 100
43 56.9 44.8 67.2
87 26.6 20.6 30.8
59 11.8 9.2 13.8

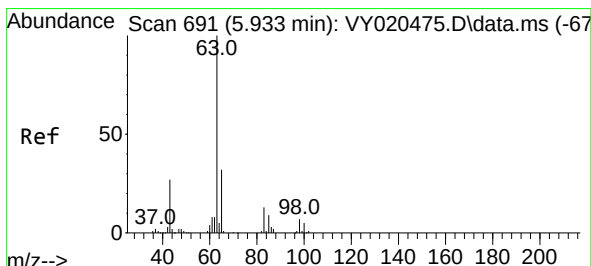
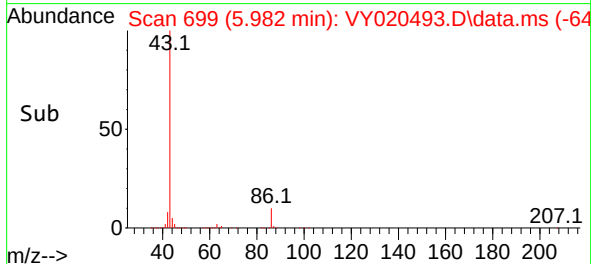
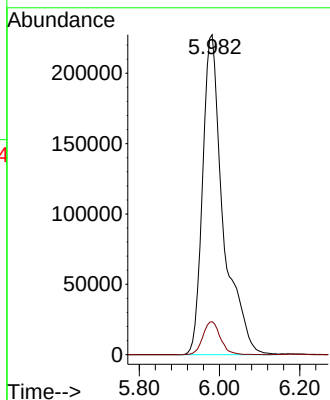
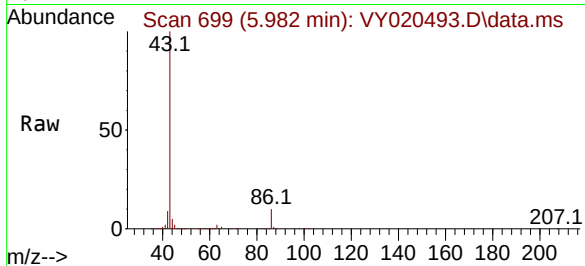




#23
 Vinyl Acetate
 Concen: 248.216 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

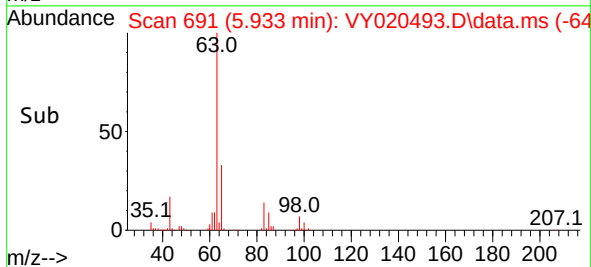
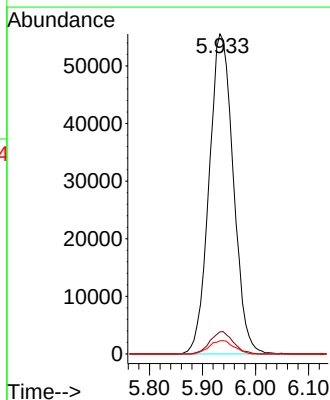
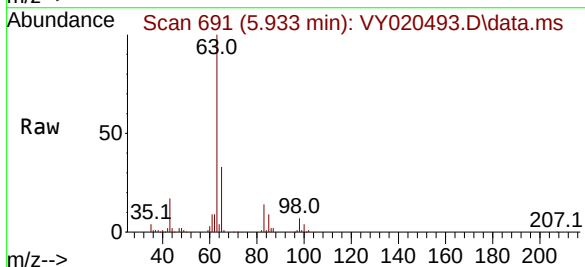
Instrument :
 MSVOA_Y
 ClientSampleId :

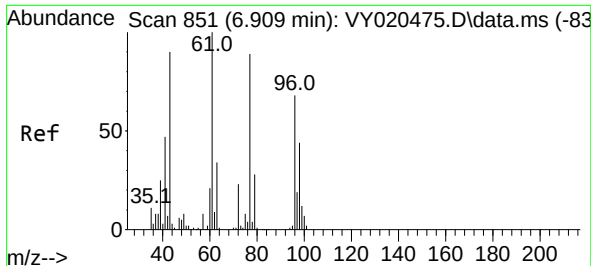
Tgt Ion: 43 Resp: 811482
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 47.419 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

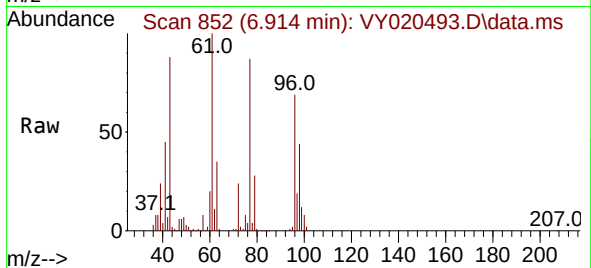
Tgt Ion: 63 Resp: 176452
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.1 2.0 5.8



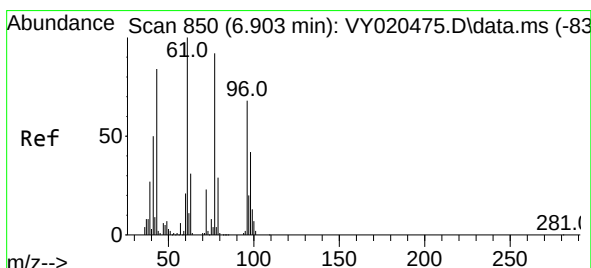
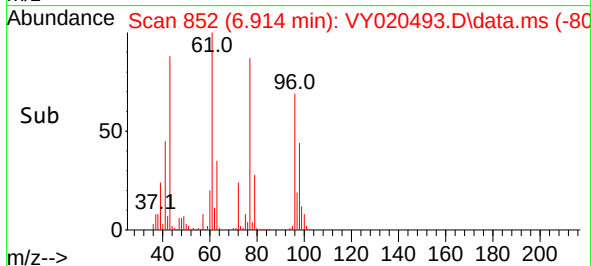
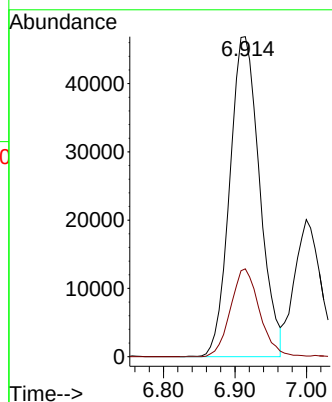


#25
2-Butanone
Concen: 253.165 ug/l
RT: 6.914 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

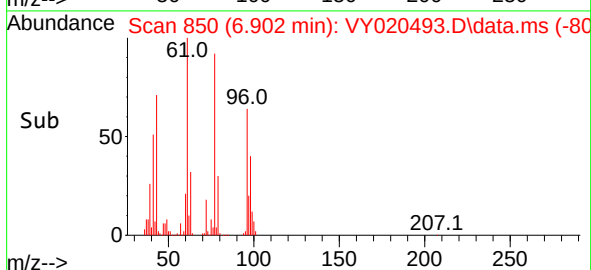
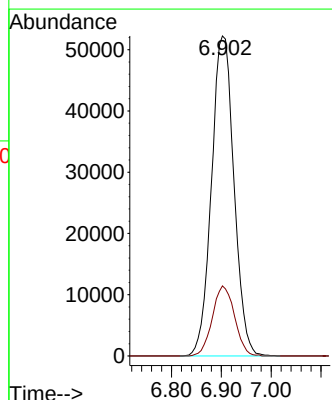
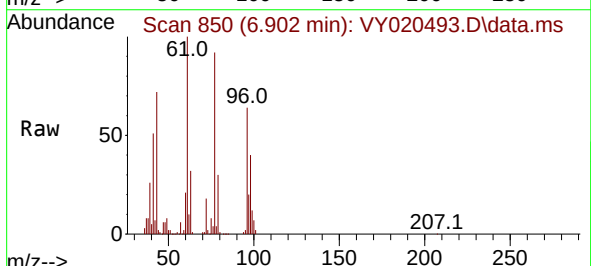


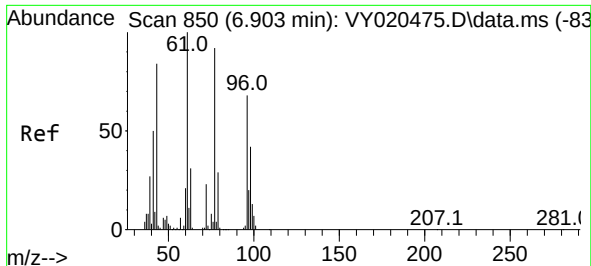
Tgt Ion: 43 Resp: 135719
Ion Ratio Lower Upper
43 100
72 27.5 20.4 30.6



#26
2,2-Dichloropropane
Concen: 46.481 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 77 Resp: 163593
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7

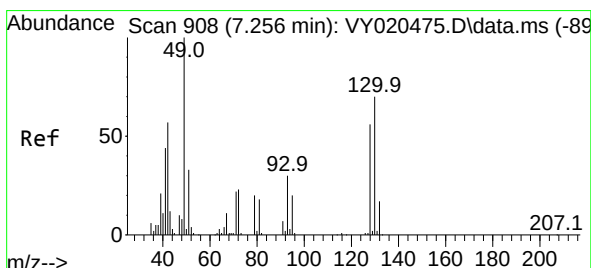
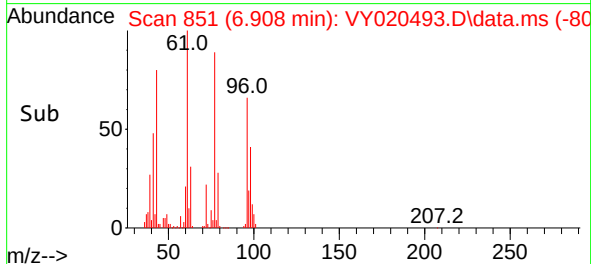
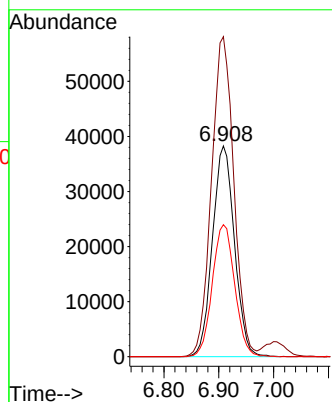
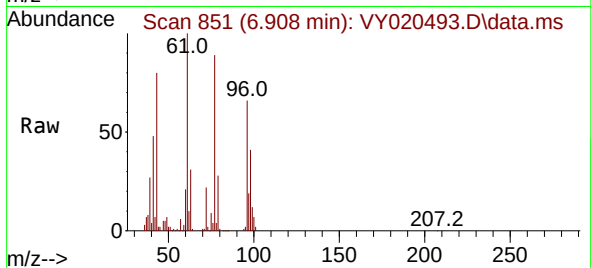




#27
cis-1,2-Dichloroethene
Concen: 47.209 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

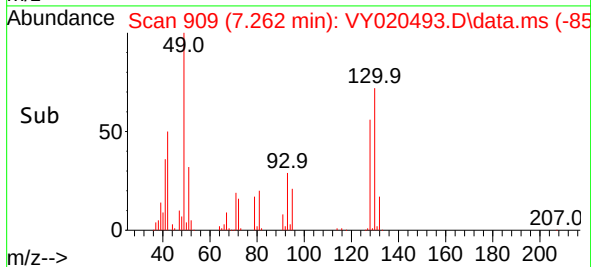
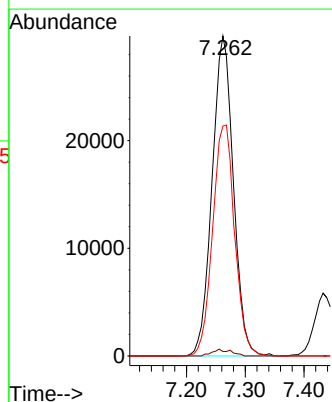
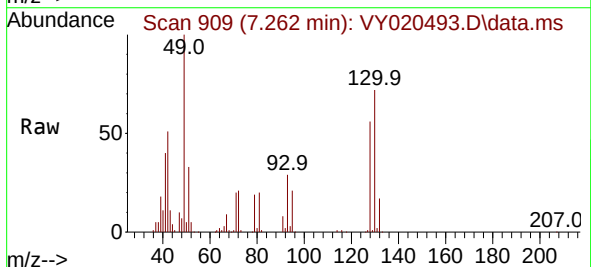
Instrument :
MSVOA_Y
ClientSampleId :

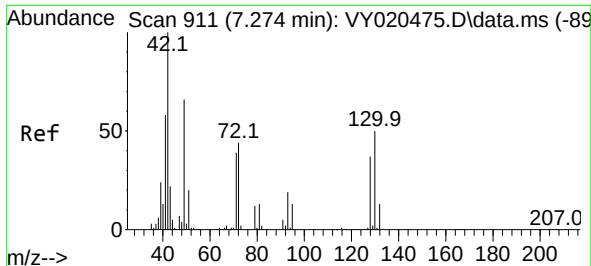
Tgt Ion: 96 Resp: 106705
Ion Ratio Lower Upper
96 100
61 154.0 0.0 312.4
98 63.7 0.0 126.8



#28
Bromochloromethane
Concen: 53.798 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 49 Resp: 74757
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 74.6 55.0 82.6





#29

Tetrahydrofuran

Concen: 240.207 ug/l

RT: 7.280 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

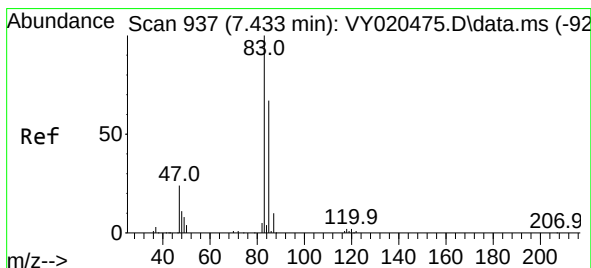
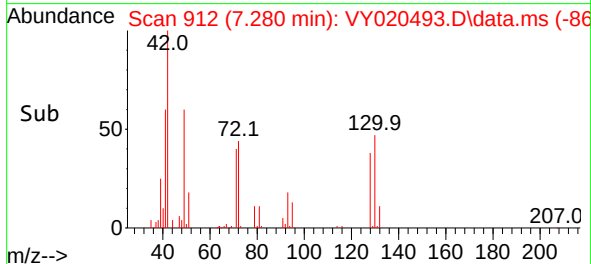
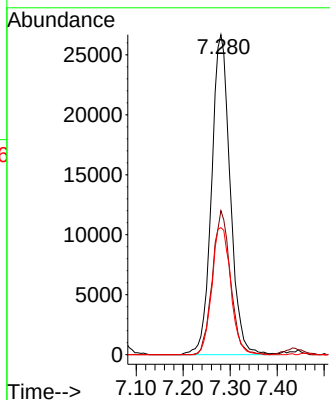
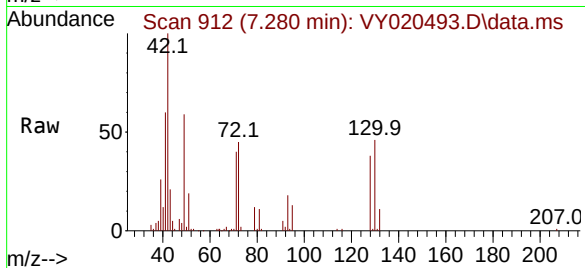
Tgt Ion: 42 Resp: 73463

Ion Ratio Lower Upper

42 100

72 43.5 33.4 50.0

71 40.5 31.9 47.9



#30

Chloroform

Concen: 46.481 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.006 min

Lab File: VY020493.D

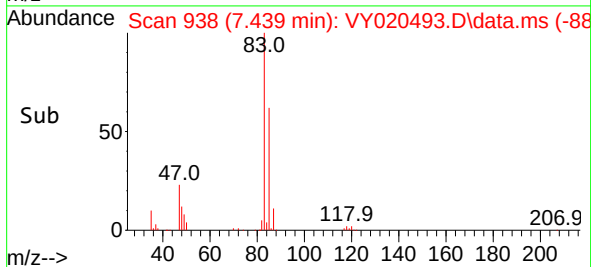
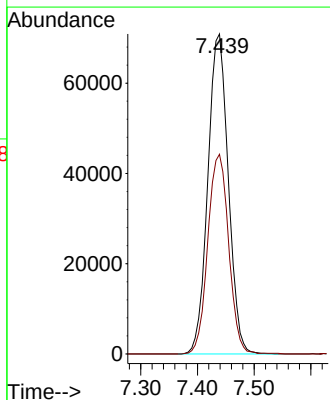
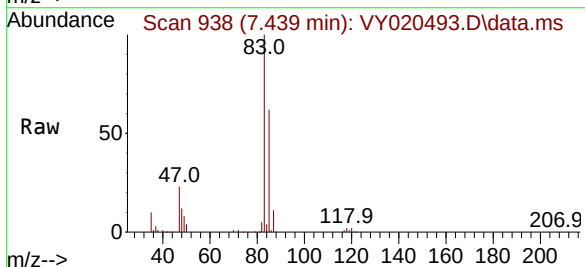
Acq: 03 Dec 2024 09:25

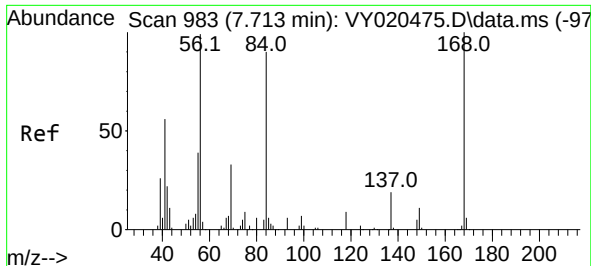
Tgt Ion: 83 Resp: 177512

Ion Ratio Lower Upper

83 100

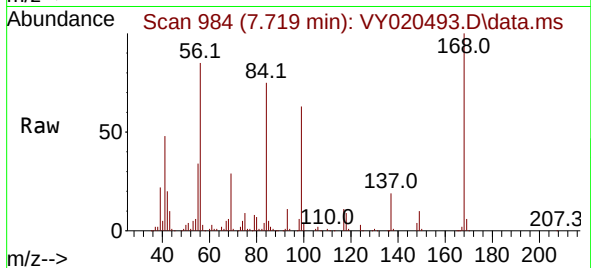
85 62.4 50.3 75.5



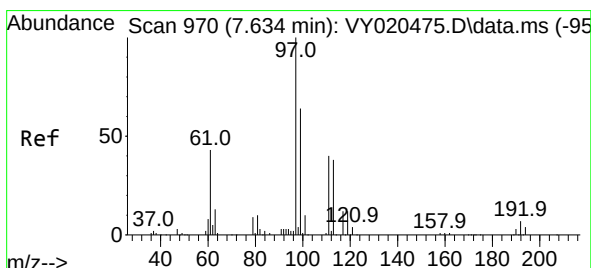
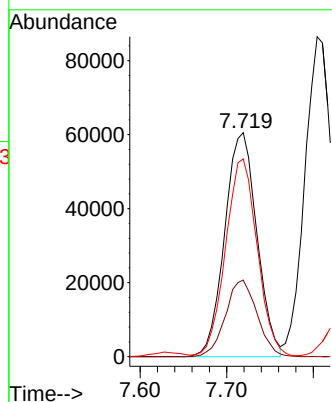
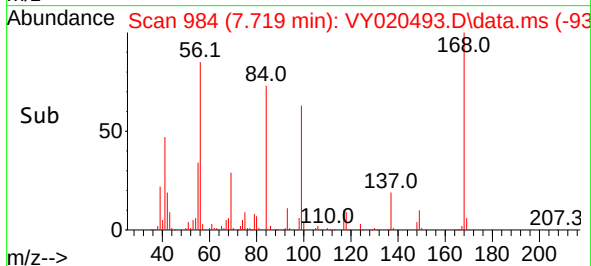


#31
Cyclohexane
Concen: 46.470 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

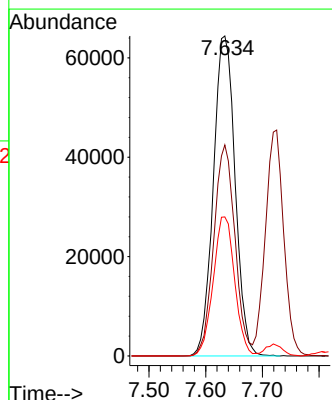
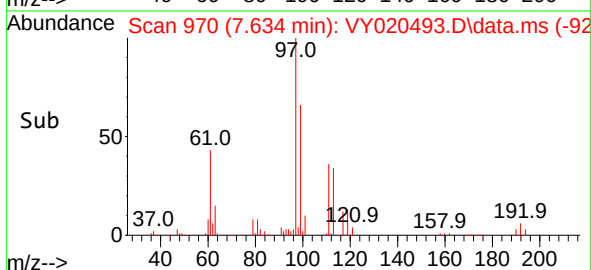
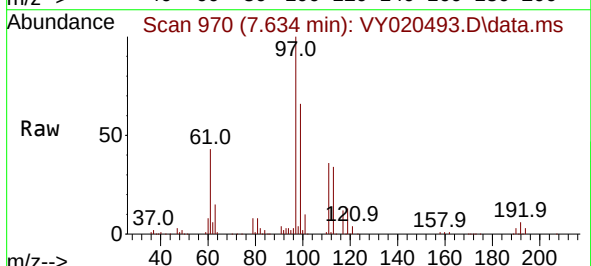


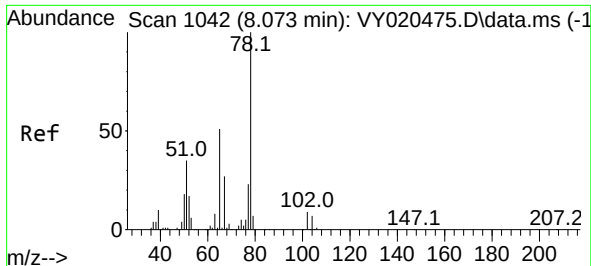
Tgt Ion: 56 Resp: 156329
Ion Ratio Lower Upper
56 100
69 34.2 25.3 37.9
84 86.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 46.687 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 97 Resp: 171687
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 42.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 51.835 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

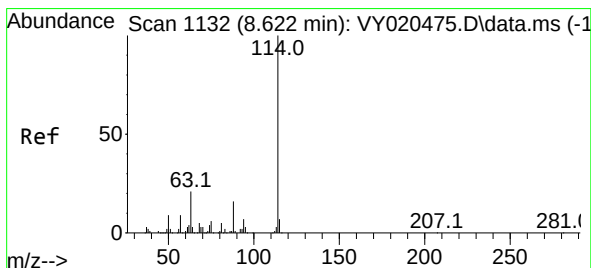
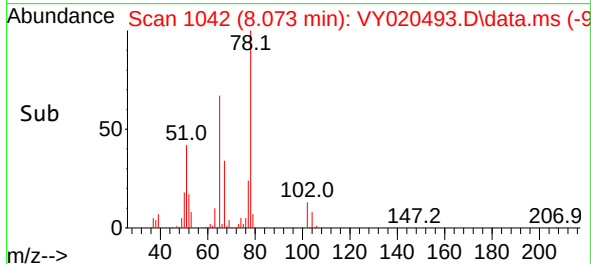
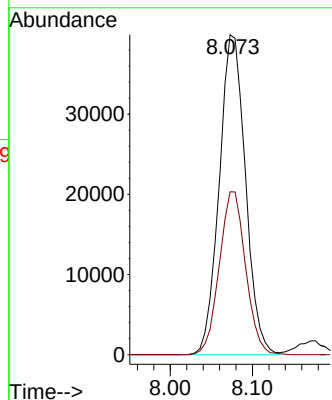
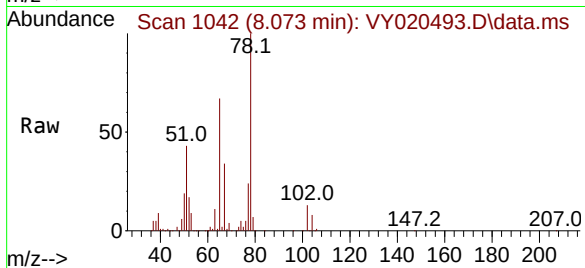
ClientSampleId :

Tgt Ion: 65 Resp: 88504

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

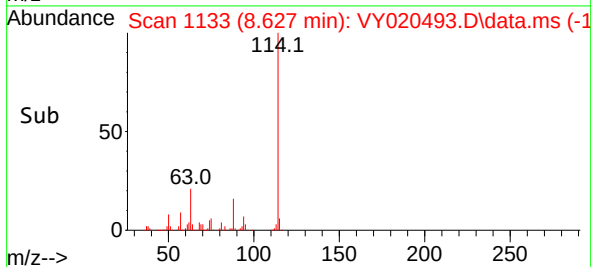
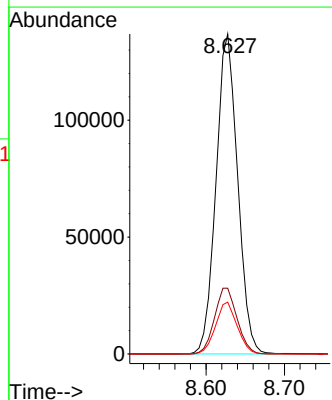
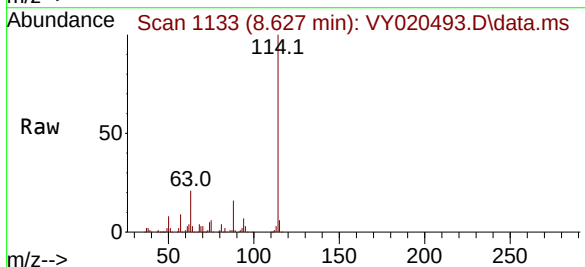
Tgt Ion: 114 Resp: 262530

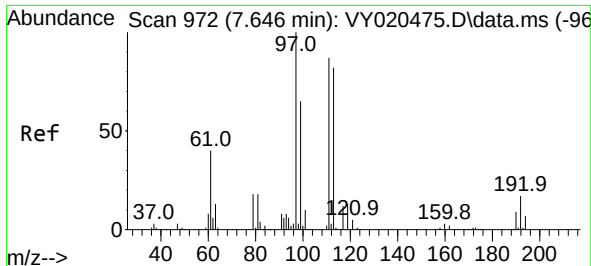
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.8

88 16.2 0.0 32.0

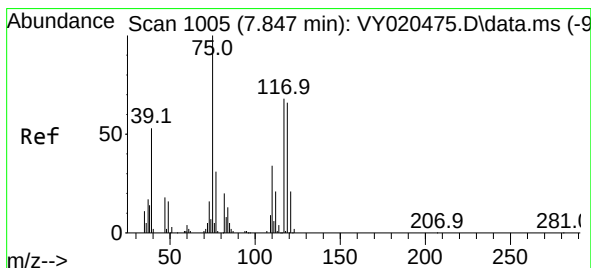
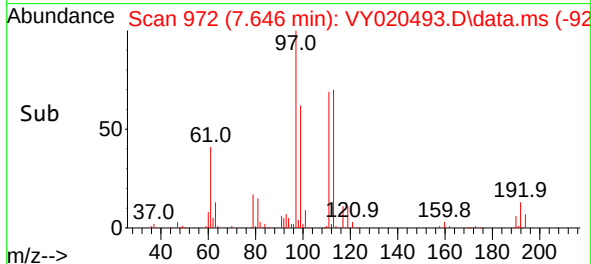
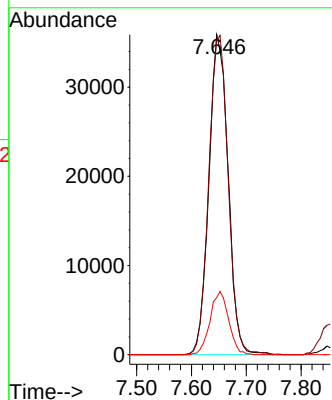
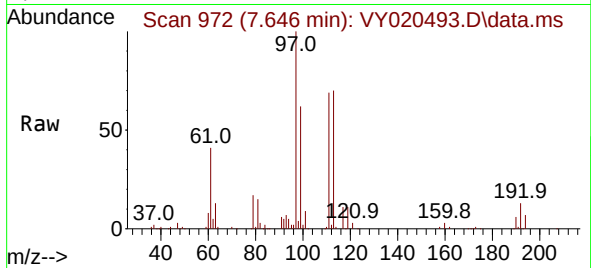




#35
Dibromofluoromethane
Concen: 52.723 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

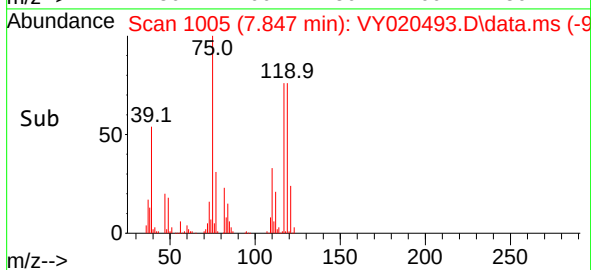
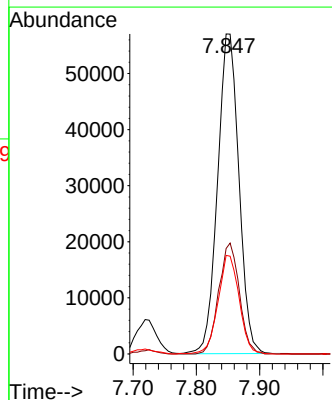
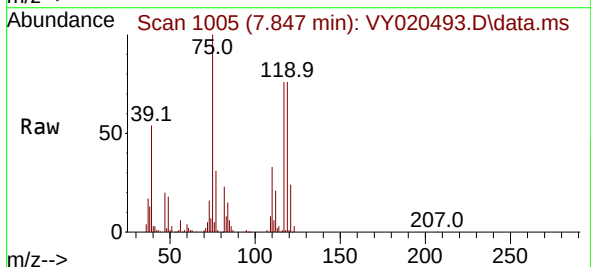
Instrument :
MSVOA_Y
ClientSampleId :

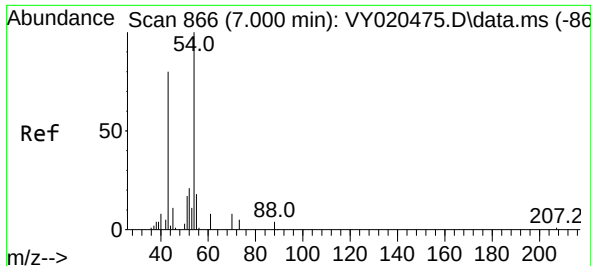
Tgt Ion:113 Resp: 87138
Ion Ratio Lower Upper
113 100
111 100.7 81.4 122.0
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 47.743 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 75 Resp: 133252
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.0
77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 48.115 ug/l

RT: 7.000 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

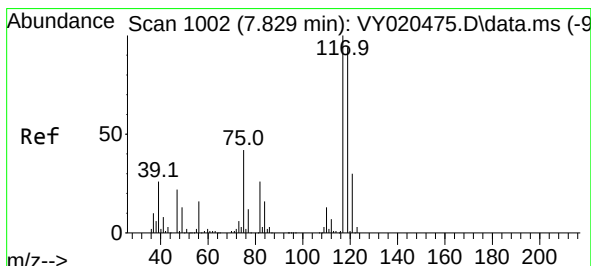
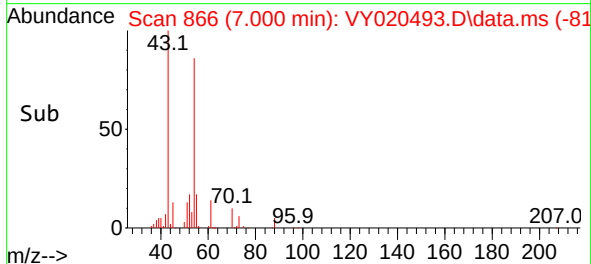
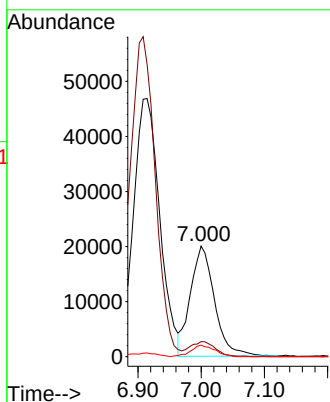
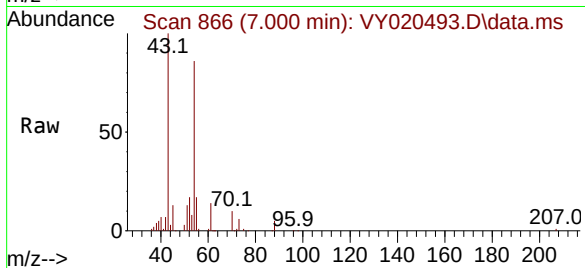
Tgt Ion: 43 Resp: 53202

Ion Ratio Lower Upper

43 100

61 14.4 10.7 16.1

70 10.2 7.3 10.9



#38

Carbon Tetrachloride

Concen: 47.262 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

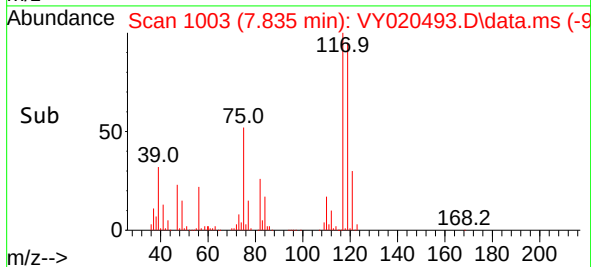
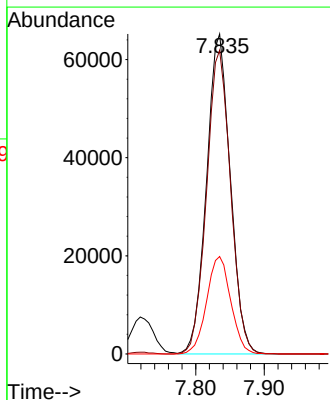
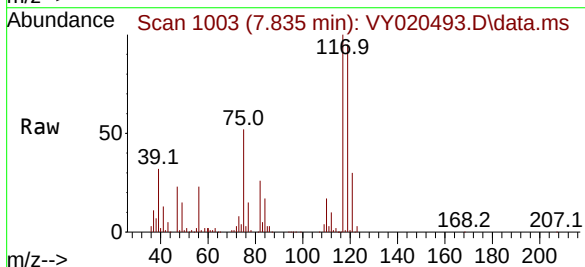
Tgt Ion: 117 Resp: 157435

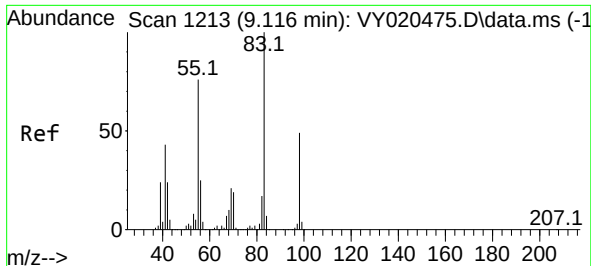
Ion Ratio Lower Upper

117 100

119 94.9 77.8 116.6

121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 48.946 ug/l

RT: 9.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

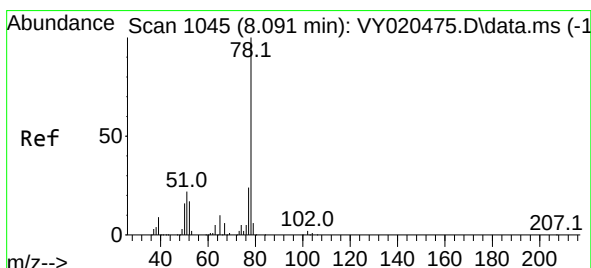
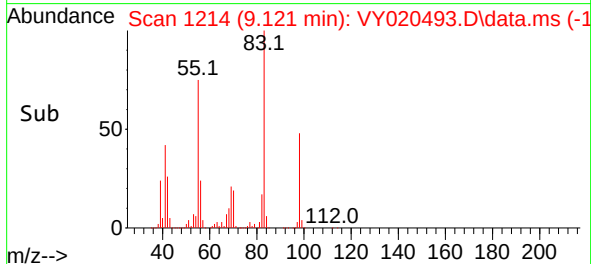
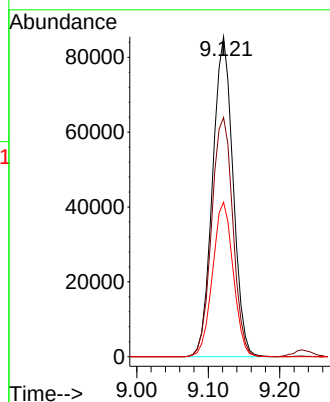
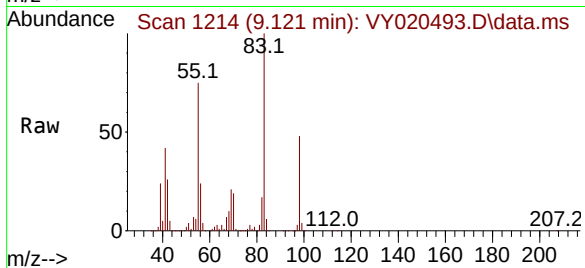
Tgt Ion: 83 Resp: 169517

Ion Ratio Lower Upper

83 100

55 74.7 62.6 93.8

98 48.3 37.0 55.4



#40

Benzene

Concen: 47.120 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VY020493.D

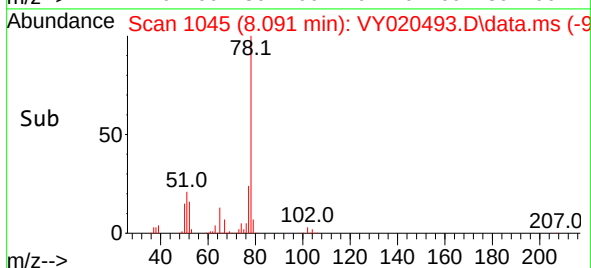
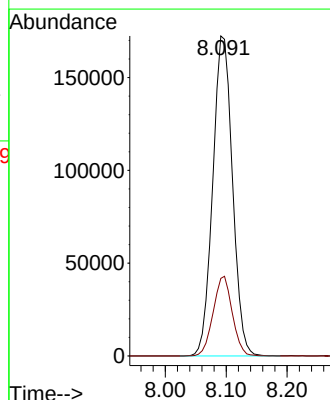
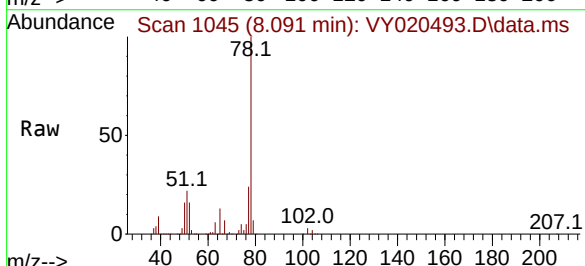
Acq: 03 Dec 2024 09:25

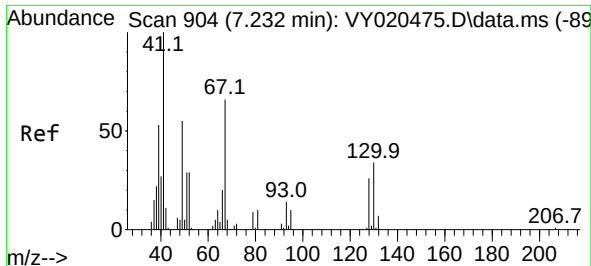
Tgt Ion: 78 Resp: 387750

Ion Ratio Lower Upper

78 100

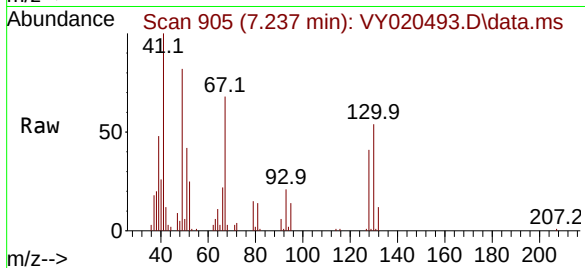
77 24.2 19.4 29.0



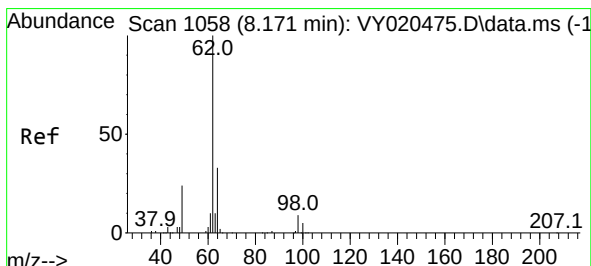
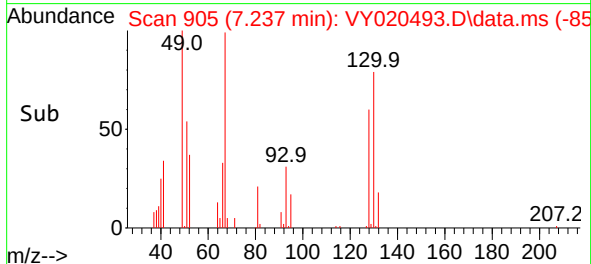
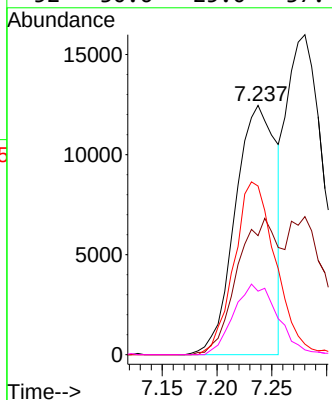


#41
Methacrylonitrile
Concen: 51.622 ug/l
RT: 7.237 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Instrument :
MSVOA_Y
ClientSampleId :

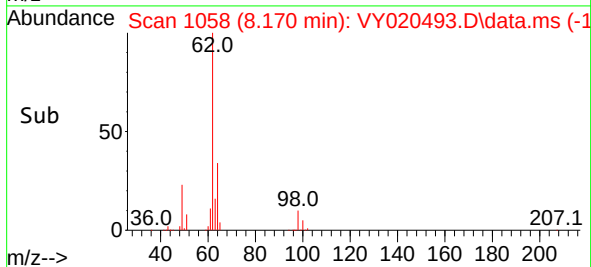
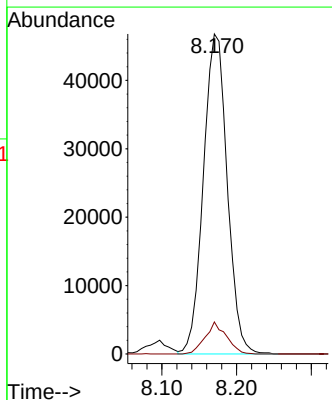
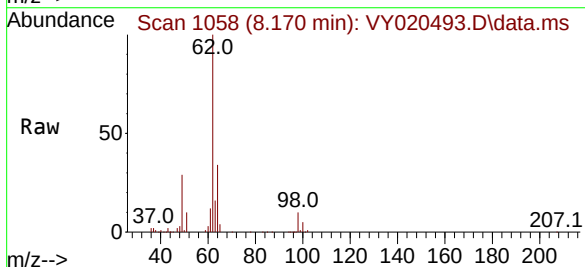


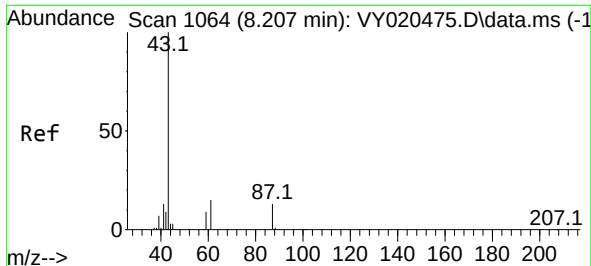
Tgt Ion: 41 Resp: 32449
Ion Ratio Lower Upper
41 100
39 58.6 49.0 73.4
67 70.6 57.1 85.7
52 30.6 25.0 37.4



#42
1,2-Dichloroethane
Concen: 48.023 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 62 Resp: 103838
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.663 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. -0.000 min

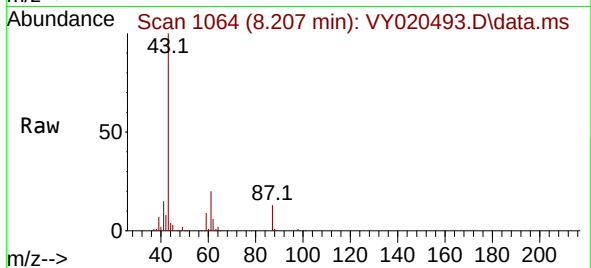
Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :



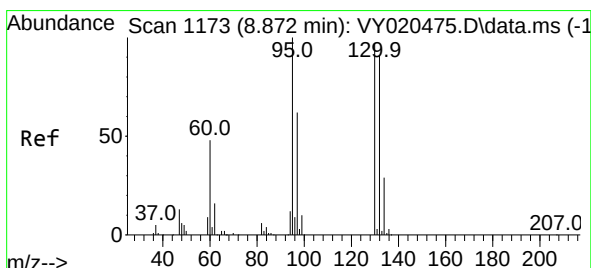
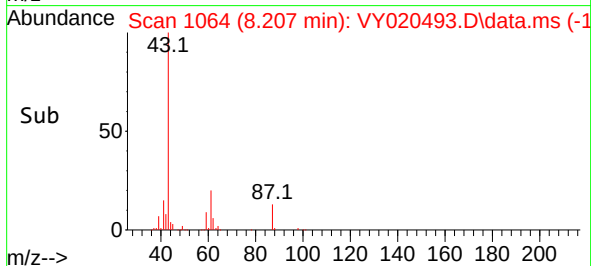
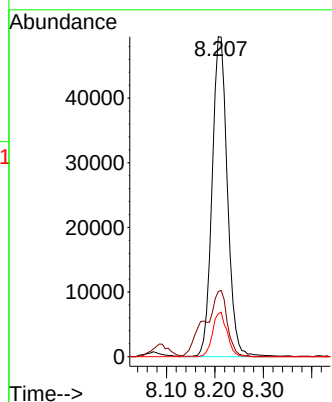
Tgt Ion: 43 Resp: 108654

Ion Ratio Lower Upper

43 100

61 30.2 22.8 34.2

87 13.1 9.6 14.4



#44

Trichloroethene

Concen: 46.897 ug/l

RT: 8.877 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY020493.D

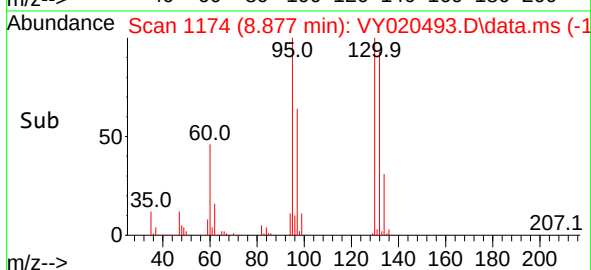
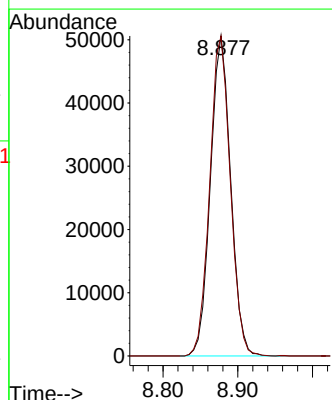
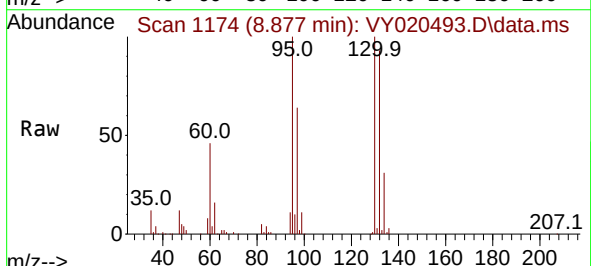
Acq: 03 Dec 2024 09:25

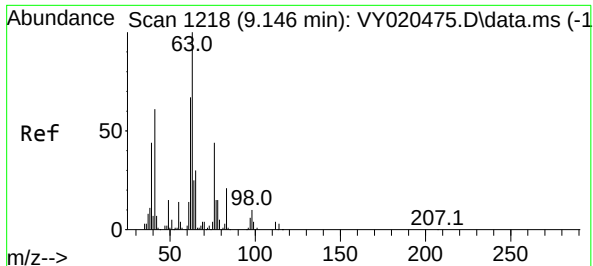
Tgt Ion:130 Resp: 95136

Ion Ratio Lower Upper

130 100

95 99.9 0.0 204.8

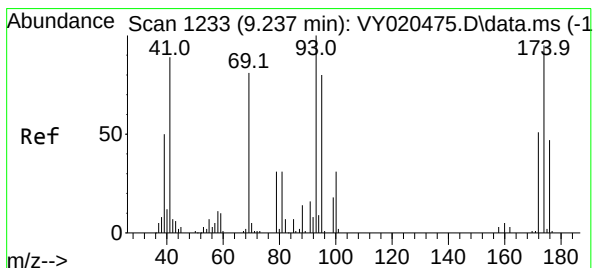
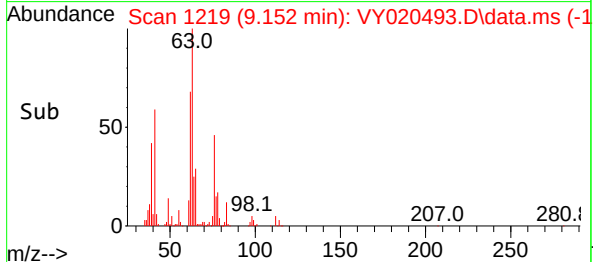
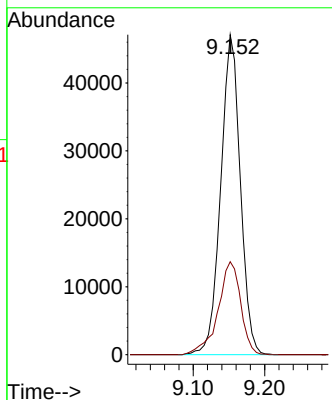
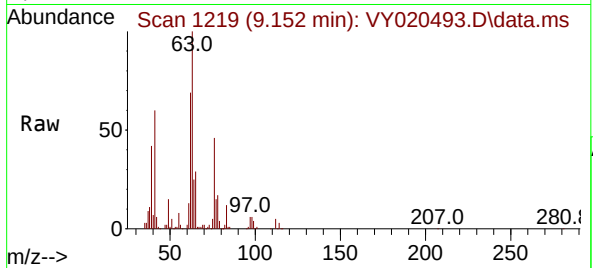




#45
1,2-Dichloropropane
Concen: 46.551 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

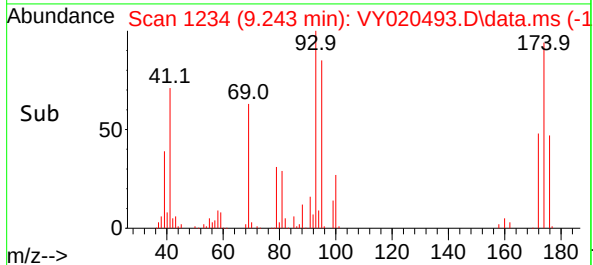
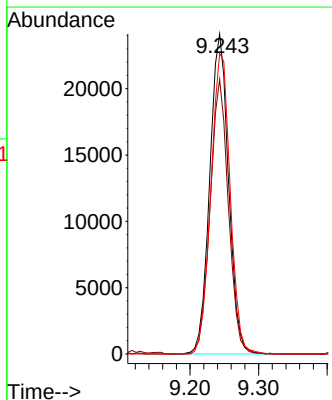
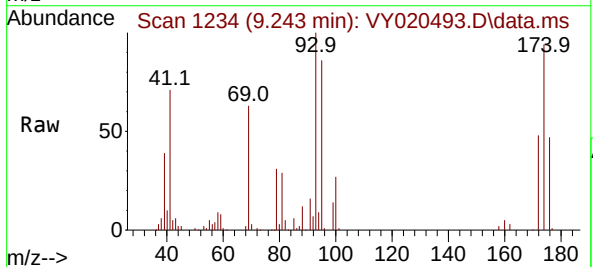
Instrument :
MSVOA_Y
ClientSampleId :

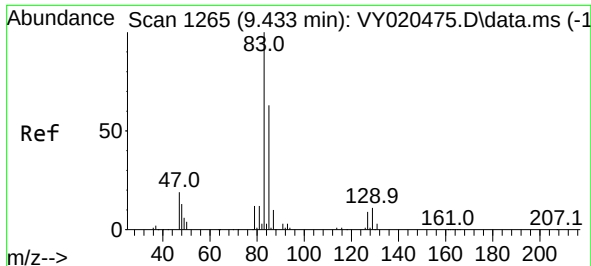
Tgt Ion: 63 Resp: 89641
Ion Ratio Lower Upper
63 100
65 29.1 24.2 36.4



#46
Dibromomethane
Concen: 48.261 ug/l
RT: 9.243 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 93 Resp: 46014
Ion Ratio Lower Upper
93 100
95 83.2 65.3 97.9
174 96.3 74.4 111.6

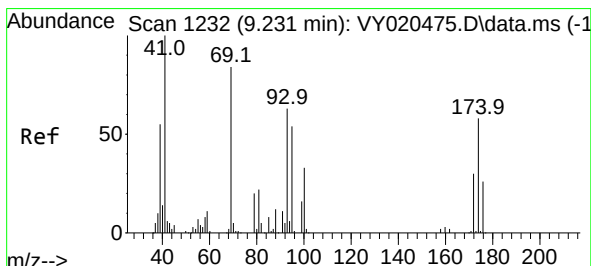
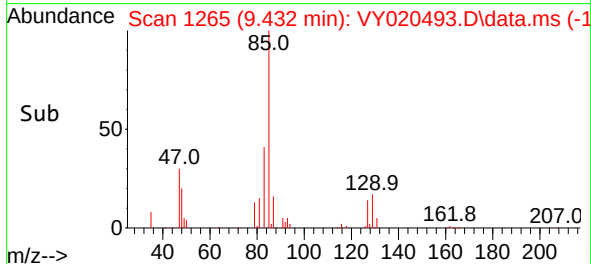
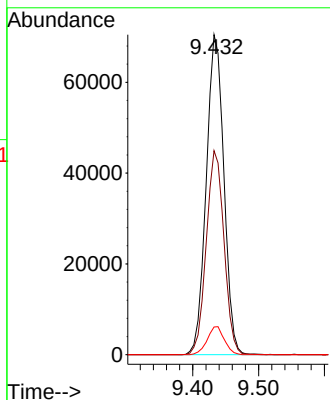
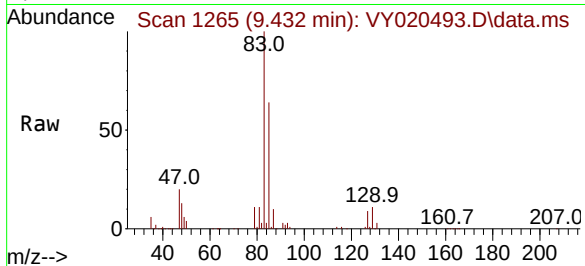




#47
Bromodichloromethane
Concen: 46.831 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

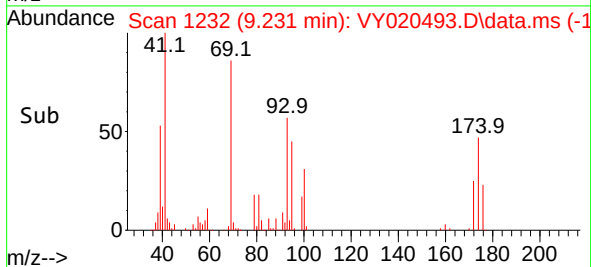
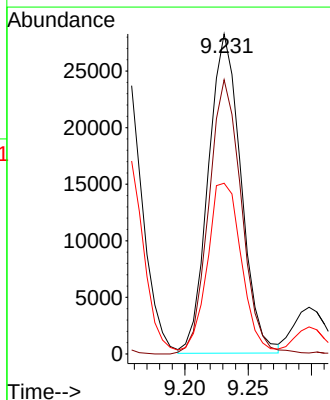
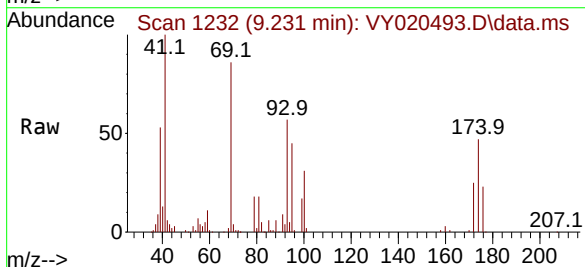
Instrument :
MSVOA_Y
ClientSampleId :

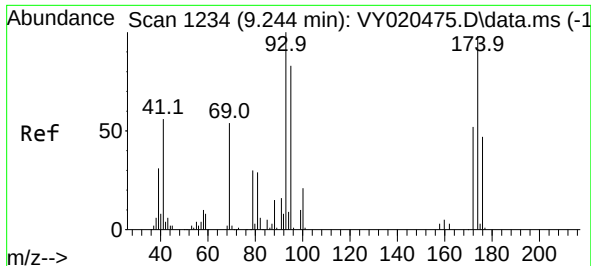
Tgt Ion: 83 Resp: 131550
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.2
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 48.702 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 41 Resp: 50708
Ion Ratio Lower Upper
41 100
69 85.7 66.1 99.1
39 53.6 46.0 69.0





#49

1,4-Dioxane

Concen: 906.788 ug/l

RT: 9.249 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

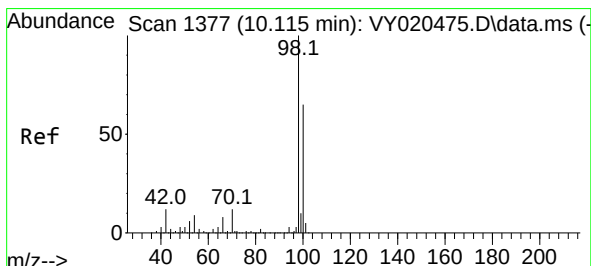
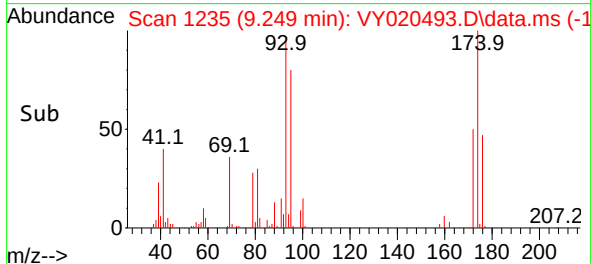
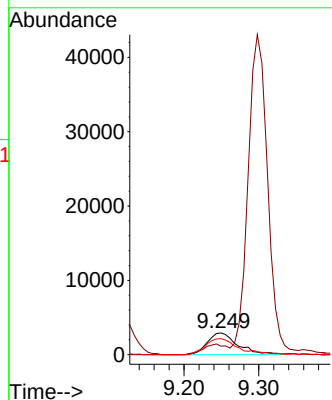
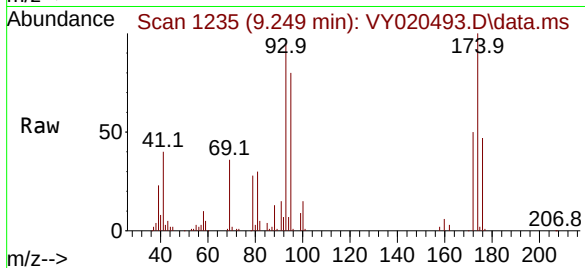
Tgt Ion: 88 Resp: 8264

Ion Ratio Lower Upper

88 100

43 38.4 24.6 37.0#

58 80.1 59.6 89.4



#50

Toluene-d8

Concen: 51.825 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020493.D

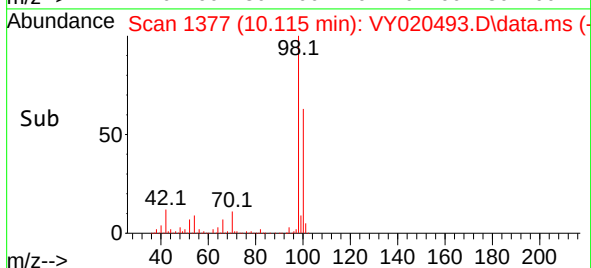
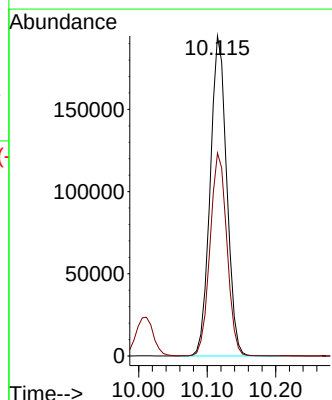
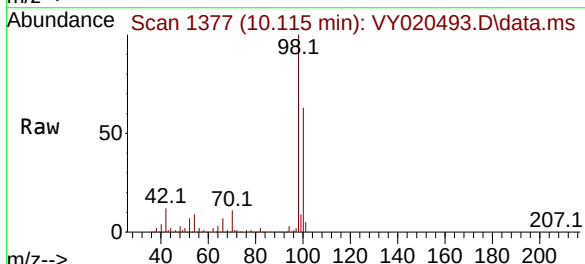
Acq: 03 Dec 2024 09:25

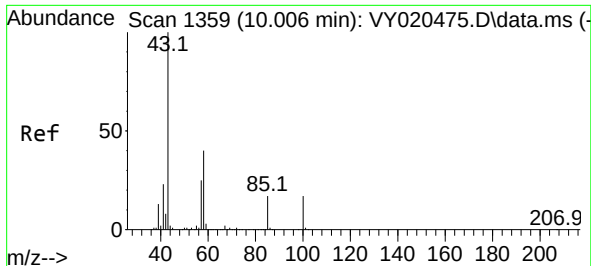
Tgt Ion: 98 Resp: 326157

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9

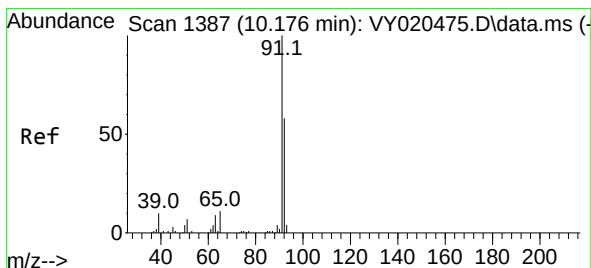
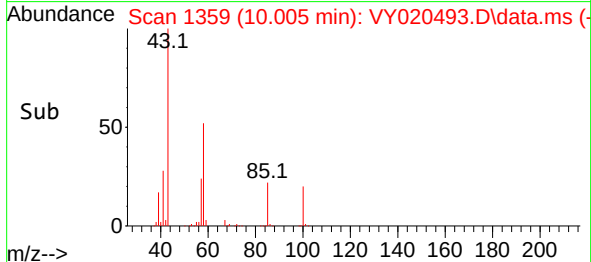
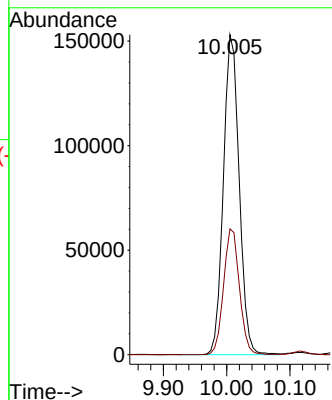
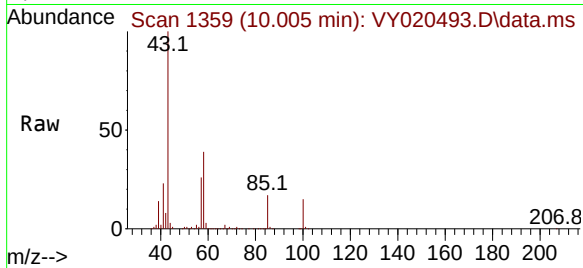




#51
4-Methyl-2-Pentanone
Concen: 239.791 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

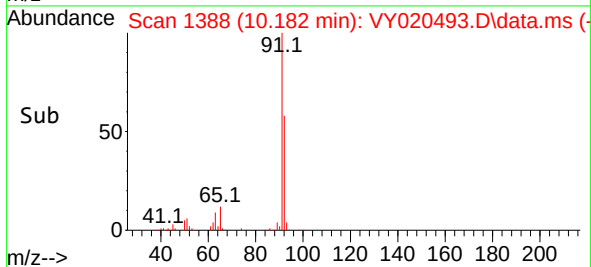
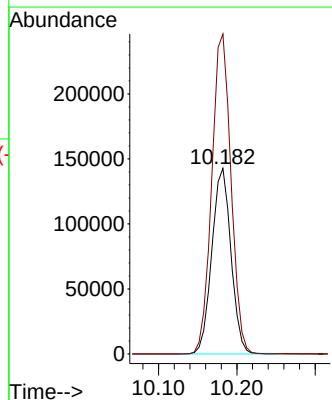
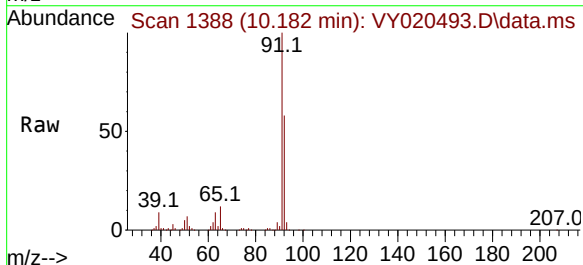
Instrument :
MSVOA_Y
ClientSampleId :

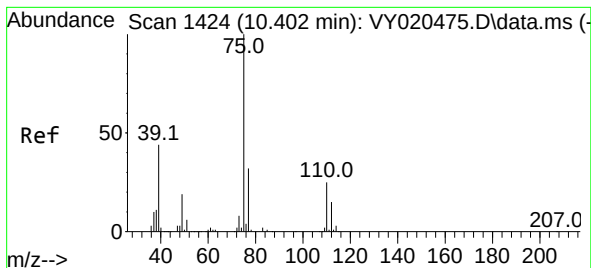
Tgt Ion: 43 Resp: 264409
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3



#52
Toluene
Concen: 47.108 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 92 Resp: 241862
Ion Ratio Lower Upper
92 100
91 173.5 139.7 209.5

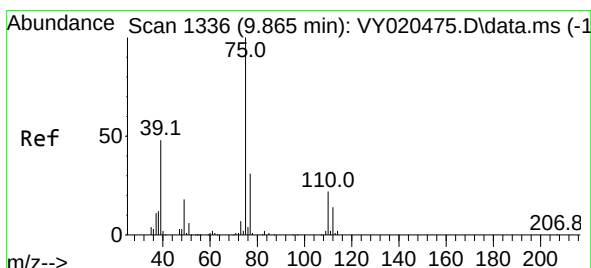
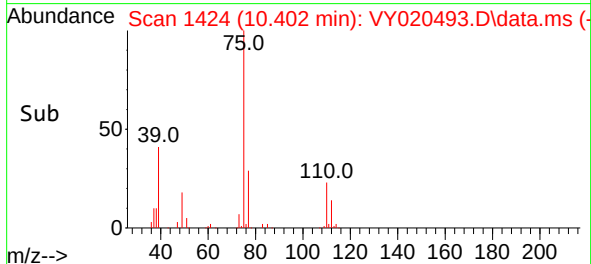
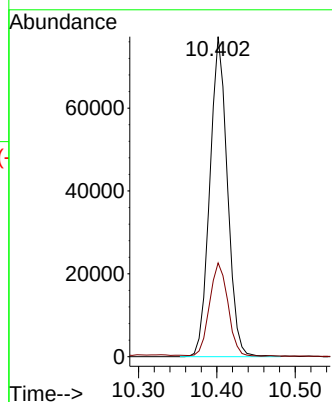
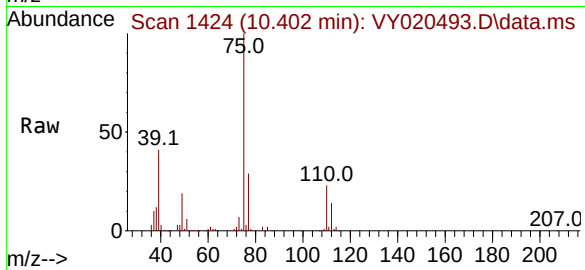




#53
 t-1,3-Dichloropropene
 Concen: 47.772 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

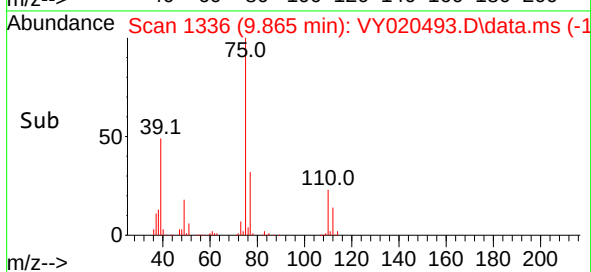
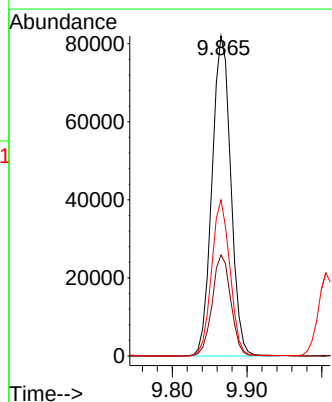
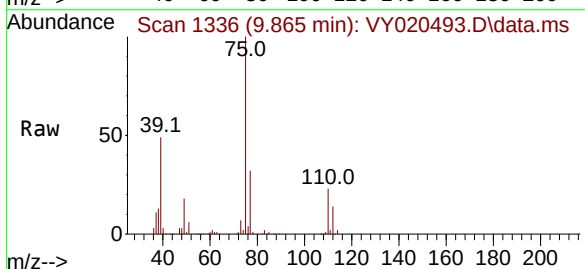
Instrument :
 MSVOA_Y
 ClientSampleId :

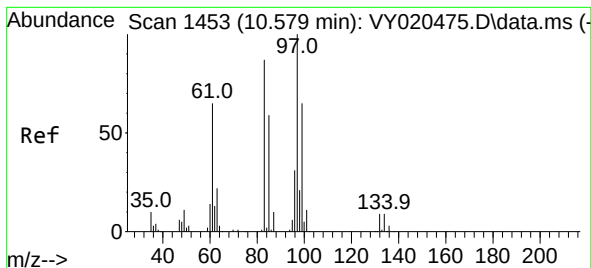
Tgt Ion: 75 Resp: 120478
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.007 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

Tgt Ion: 75 Resp: 143083
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4
 39 48.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 47.084 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59884

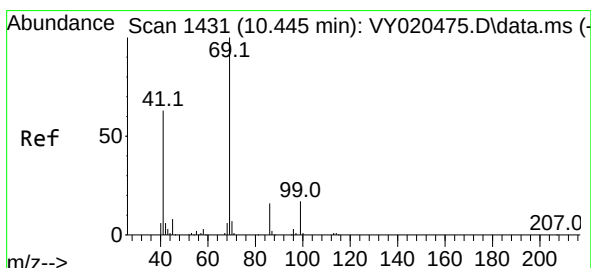
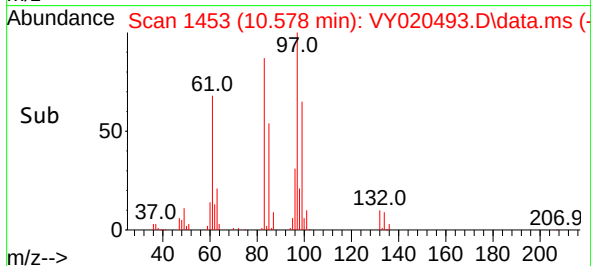
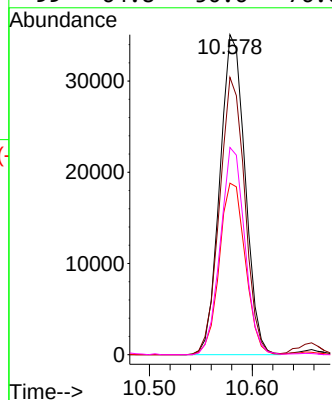
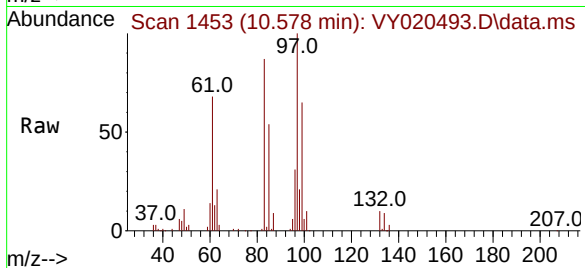
Ion Ratio Lower Upper

97 100

83 86.7 70.8 106.2

85 53.6 44.9 67.3

99 64.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 48.222 ug/l

RT: 10.450 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

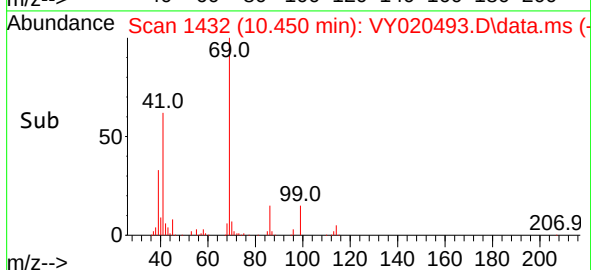
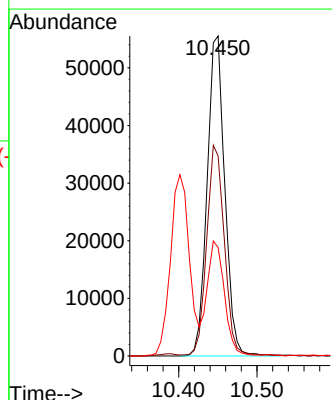
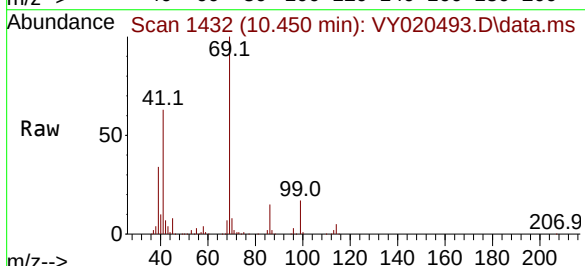
Tgt Ion: 69 Resp: 86779

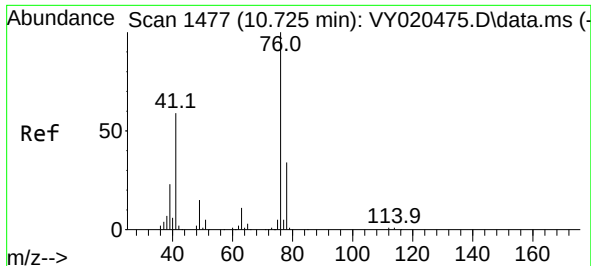
Ion Ratio Lower Upper

69 100

41 65.6 56.1 84.1

39 35.0 29.7 44.5





#57

1,3-Dichloropropane

Concen: 47.331 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

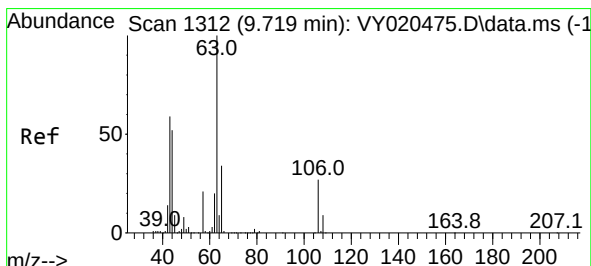
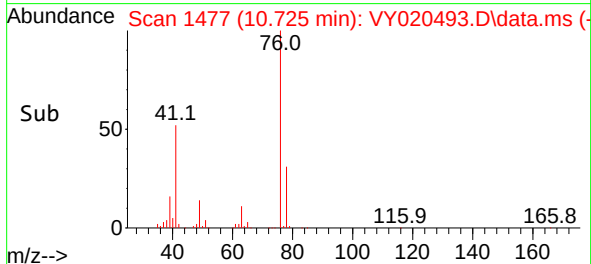
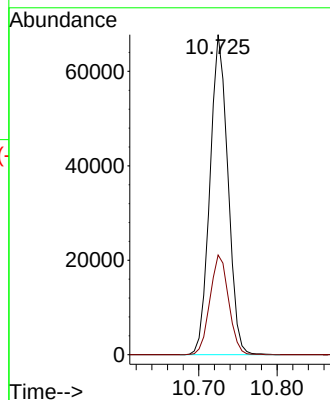
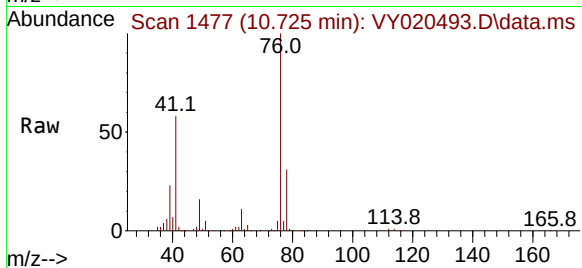
ClientSampleId :

Tgt Ion: 76 Resp: 107796

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 250.040 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020493.D

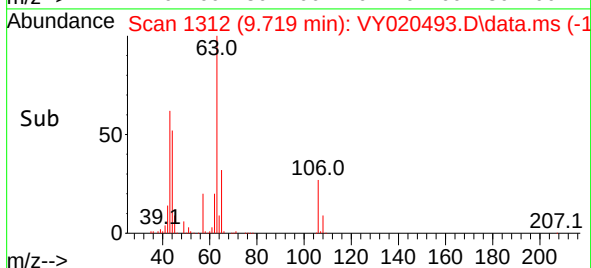
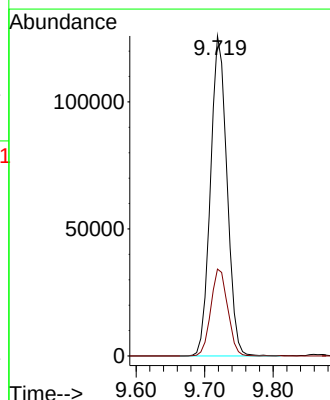
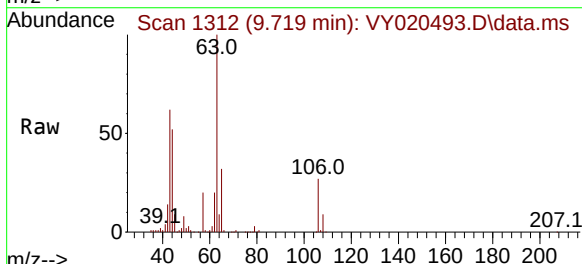
Acq: 03 Dec 2024 09:25

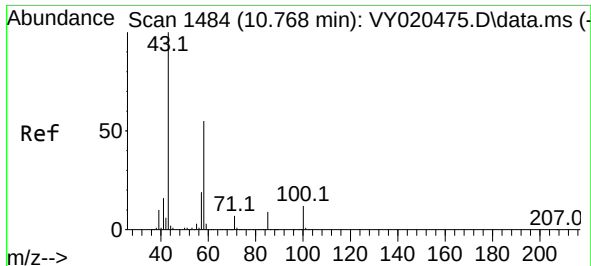
Tgt Ion: 63 Resp: 210679

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

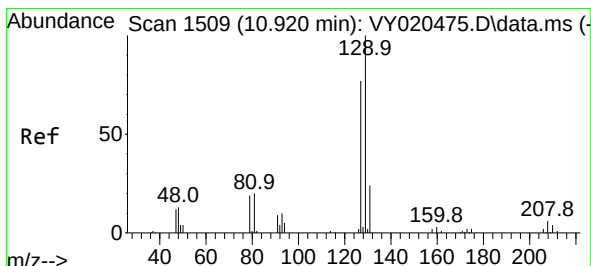
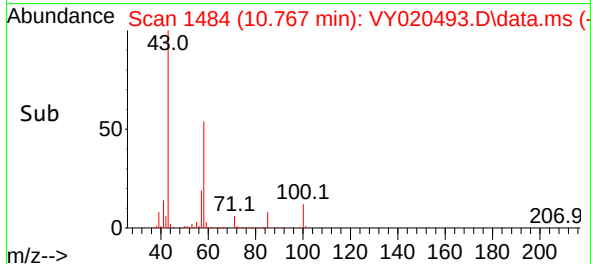
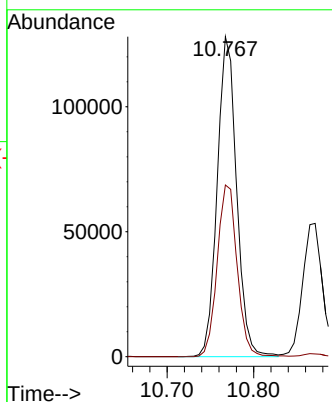
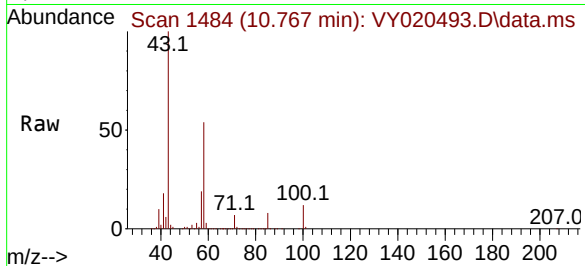




#59
2-Hexanone
Concen: 250.255 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

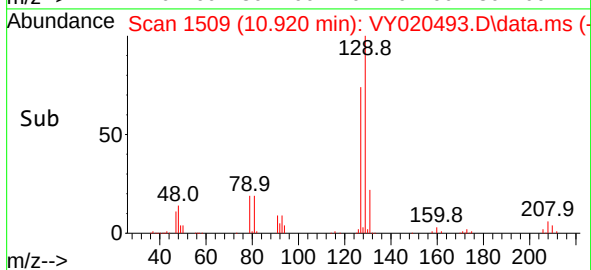
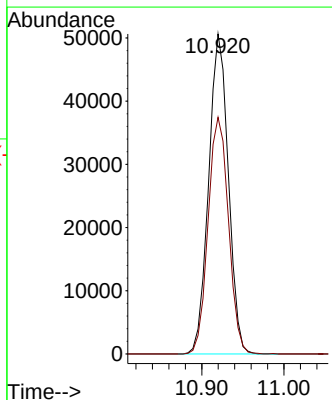
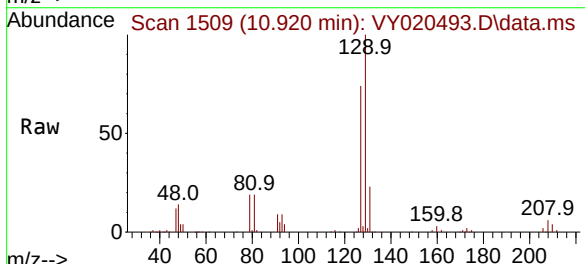
Instrument :
MSVOA_Y
ClientSampleId :

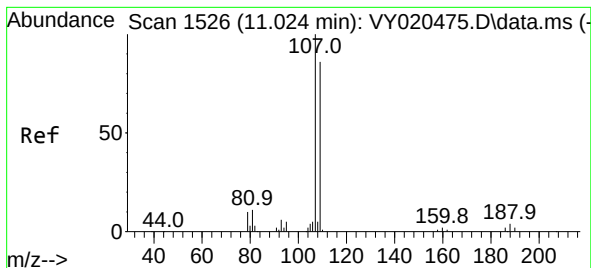
Tgt Ion: 43 Resp: 199071
Ion Ratio Lower Upper
43 100
58 55.2 26.4 79.2



#60
Dibromochloromethane
Concen: 47.536 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 129 Resp: 84174
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9

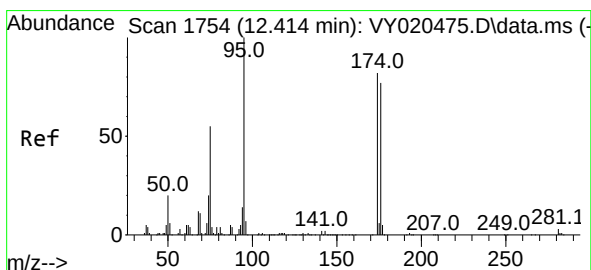
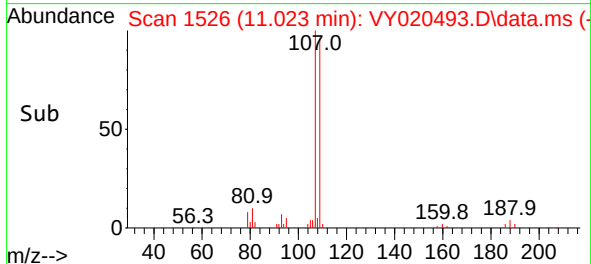
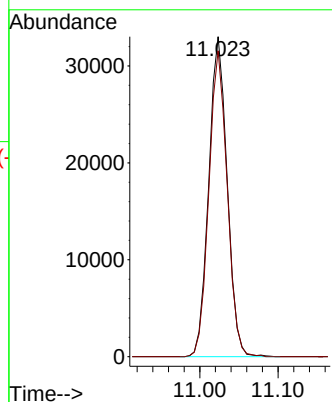
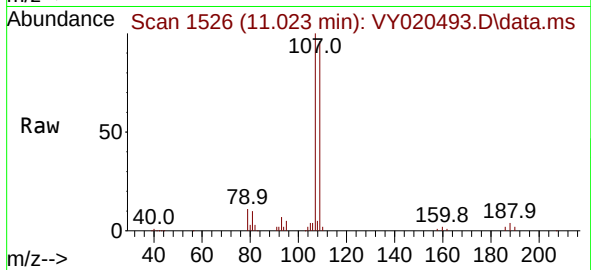




#61
1,2-Dibromoethane
Concen: 46.321 ug/l
RT: 11.023 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

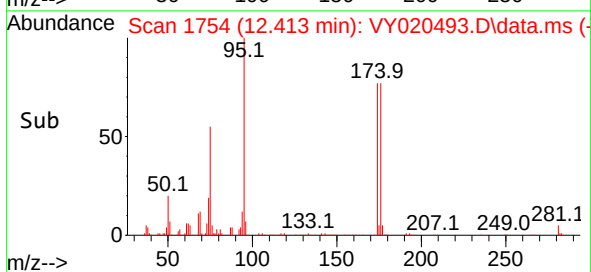
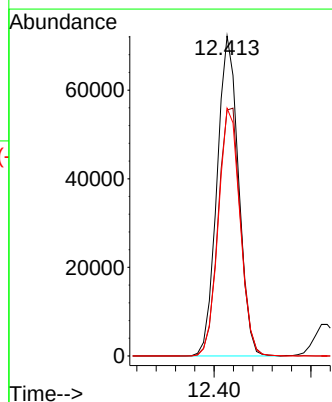
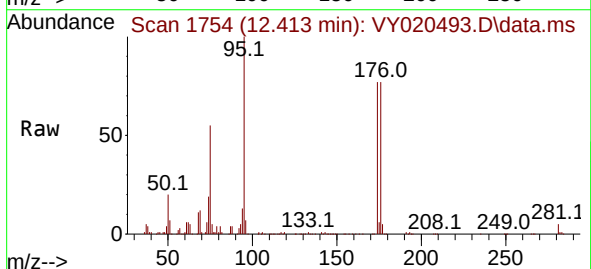
Instrument :
MSVOA_Y
ClientSampleId :

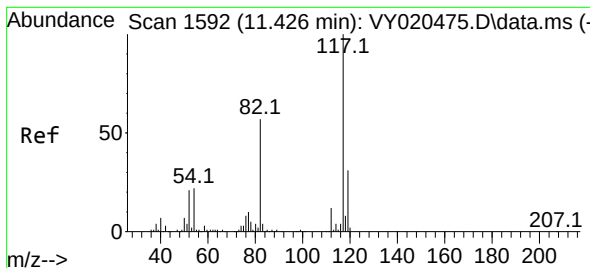
Tgt Ion:107 Resp: 53875
Ion Ratio Lower Upper
107 100
109 95.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.481 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 95 Resp: 111114
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 78.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

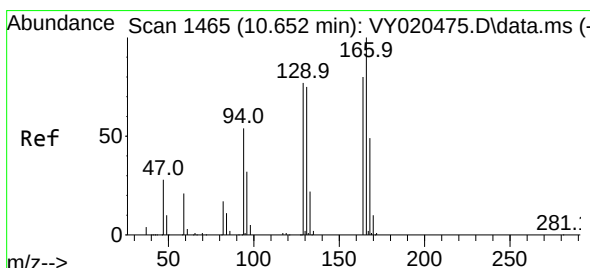
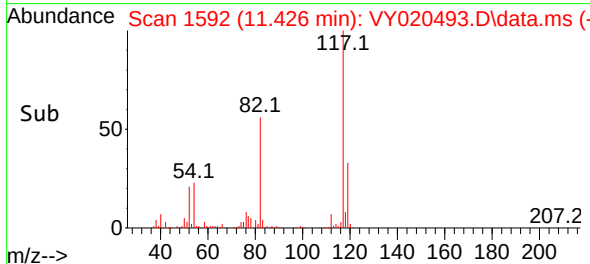
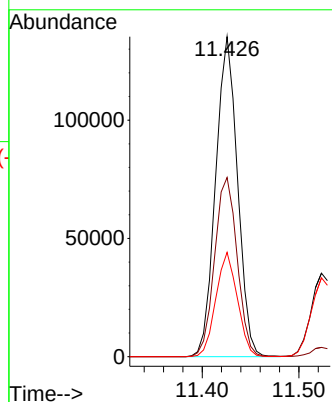
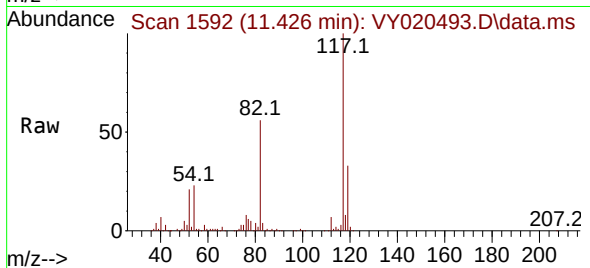
Tgt Ion:117 Resp: 212668

Ion Ratio Lower Upper

117 100

82 56.0 48.2 72.4

119 32.6 25.8 38.8



#64

Tetrachloroethene

Concen: 47.020 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Tgt Ion:164 Resp: 84495

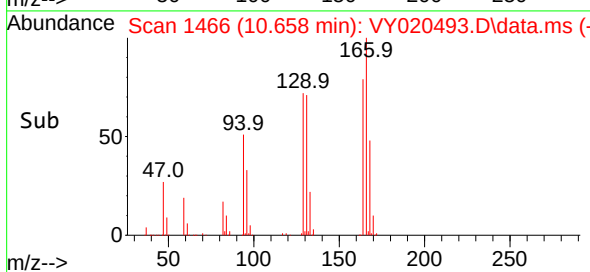
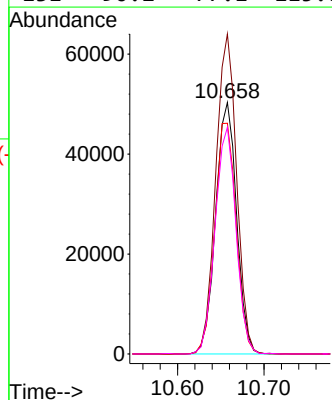
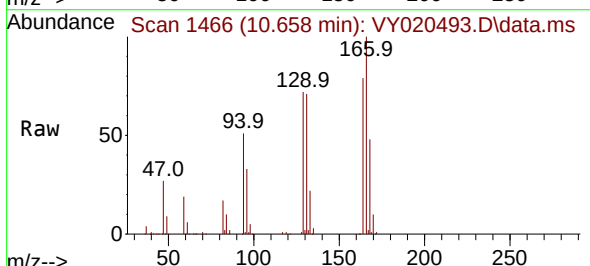
Ion Ratio Lower Upper

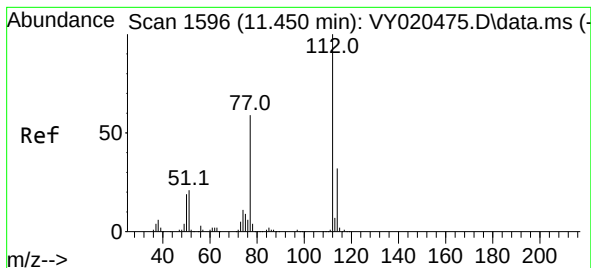
164 100

166 127.2 103.8 155.8

129 91.7 79.0 118.4

131 90.2 77.1 115.7





#65

Chlorobenzene

Concen: 46.893 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

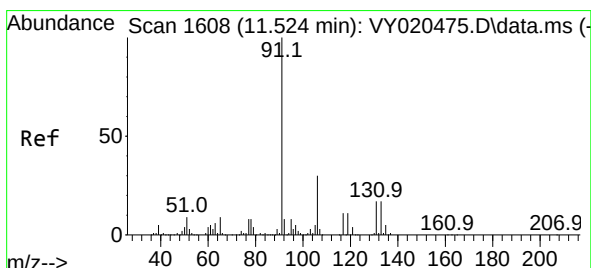
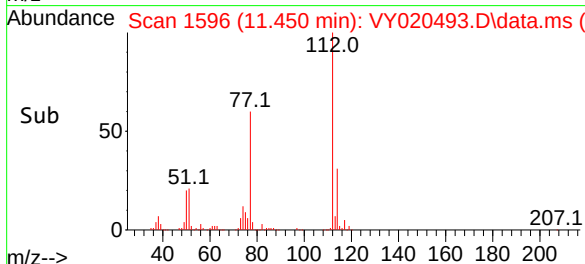
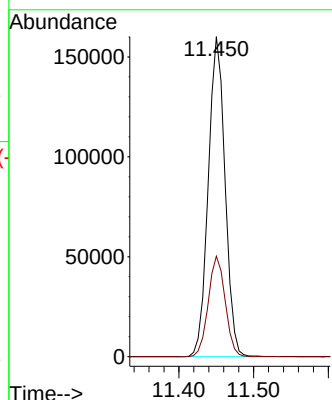
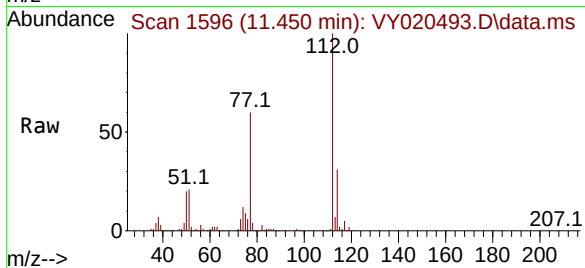
ClientSampleId :

Tgt Ion:112 Resp: 249968

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 47.017 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

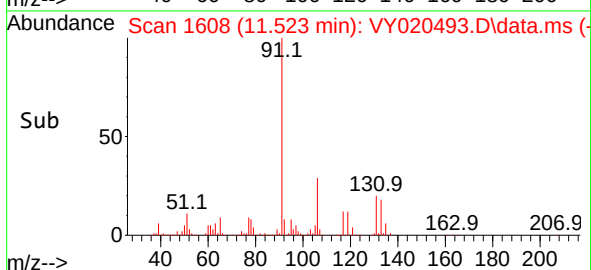
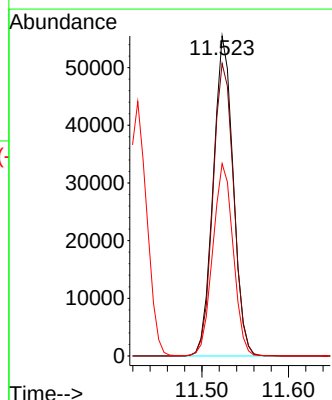
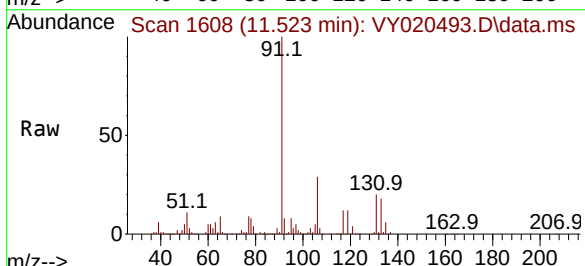
Tgt Ion:131 Resp: 88884

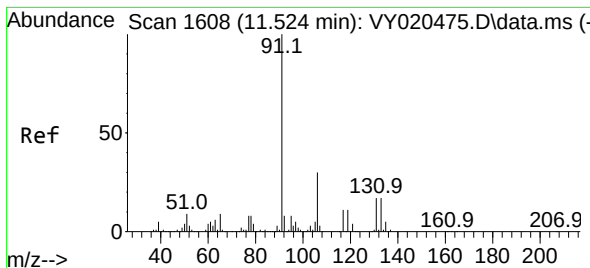
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 61.3 32.5 97.5





#67

Ethyl Benzene

Concen: 47.088 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

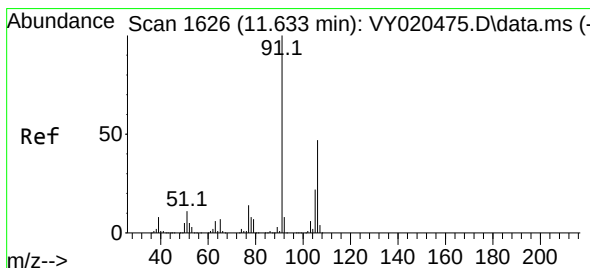
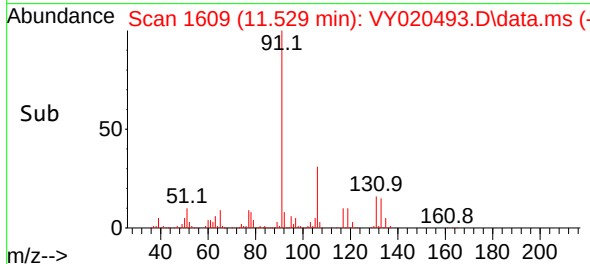
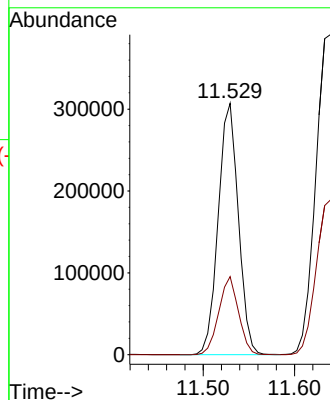
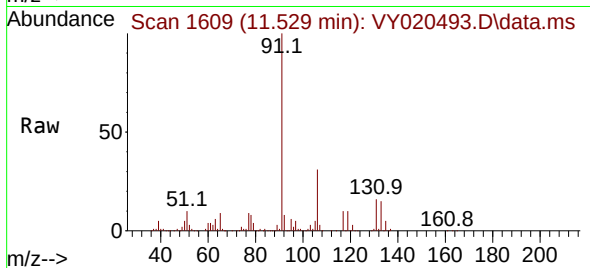
ClientSampleId :

Tgt Ion: 91 Resp: 470492

Ion Ratio Lower Upper

91 100

106 31.1 23.9 35.9



#68

m/p-Xylenes

Concen: 93.916 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY020493.D

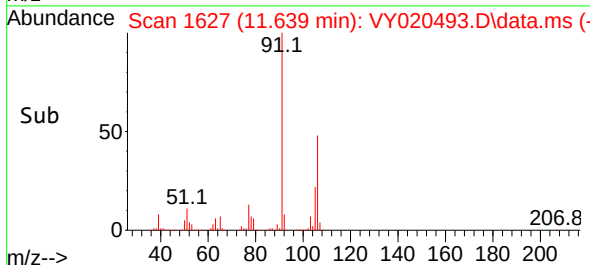
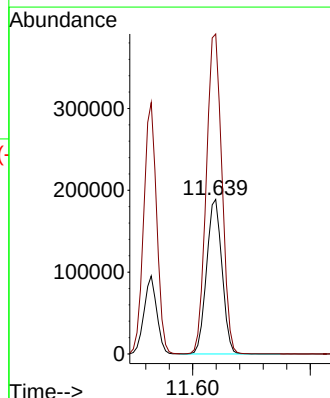
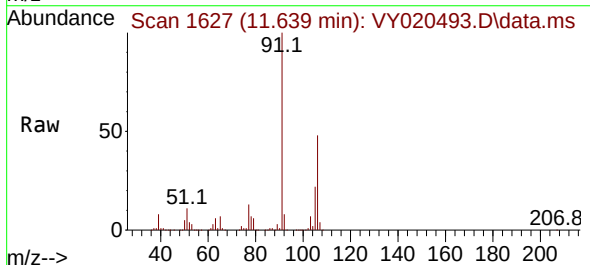
Acq: 03 Dec 2024 09:25

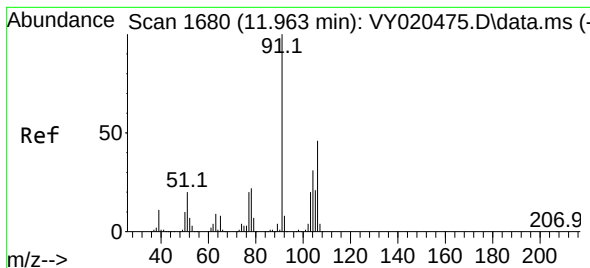
Tgt Ion:106 Resp: 343613

Ion Ratio Lower Upper

106 100

91 209.8 166.0 249.0





#69

o-Xylene

Concen: 46.864 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

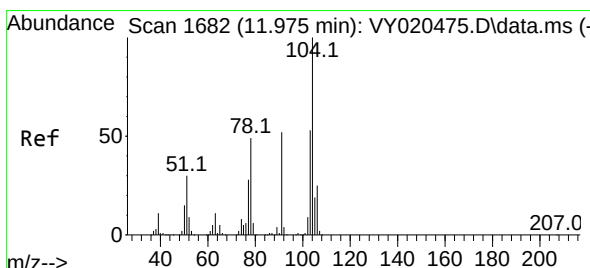
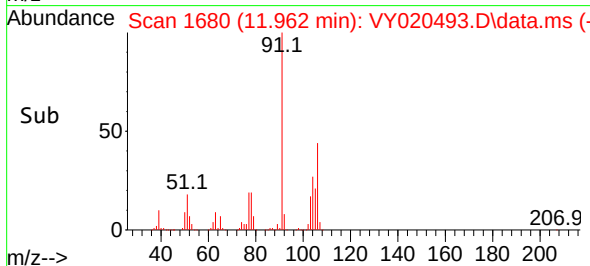
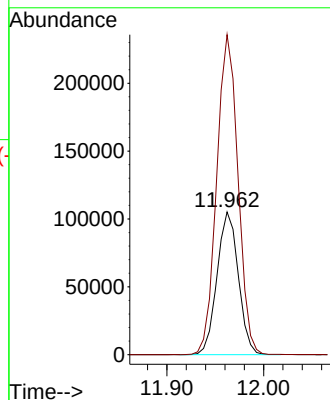
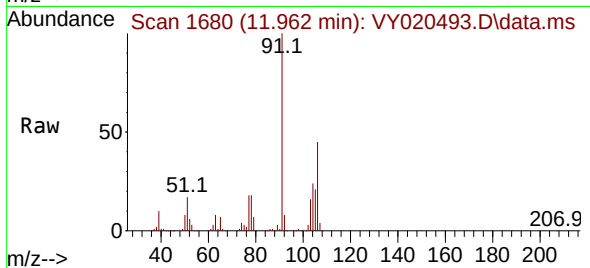
ClientSampleId :

Tgt Ion:106 Resp: 160634

Ion Ratio Lower Upper

106 100

91 224.6 110.0 330.0



#70

Styrene

Concen: 47.079 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

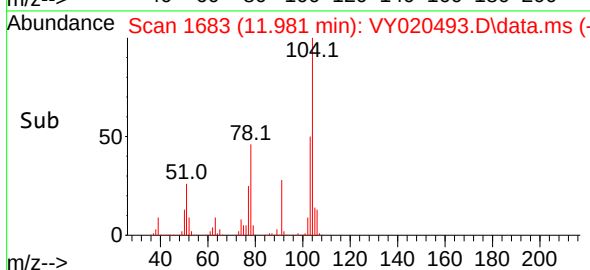
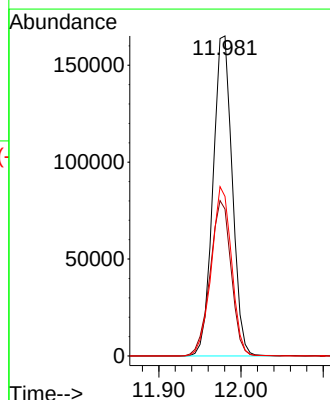
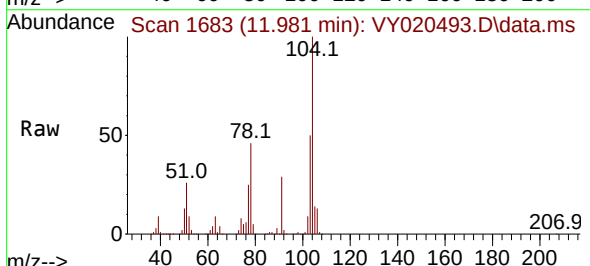
Tgt Ion:104 Resp: 269223

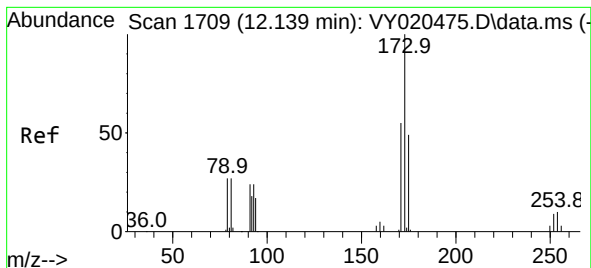
Ion Ratio Lower Upper

104 100

78 53.0 41.4 62.2

103 55.6 44.2 66.4





#71

Bromoform

Concen: 48.047 ug/l

RT: 12.139 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

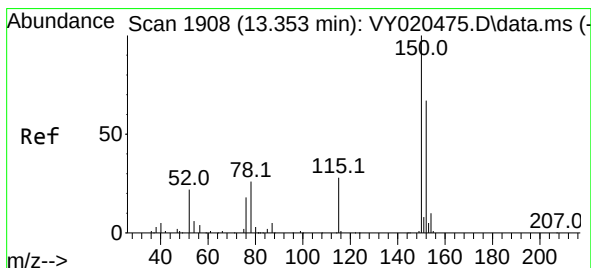
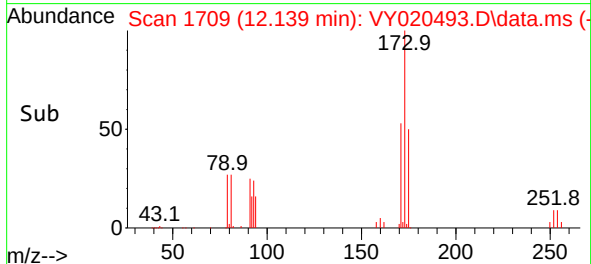
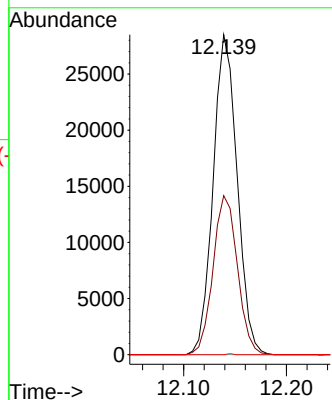
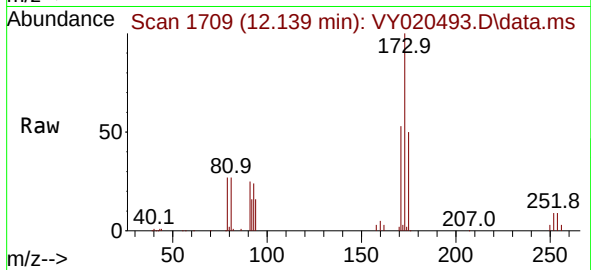
Tgt Ion:173 Resp: 46181

Ion Ratio Lower Upper

173 100

175 50.4 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

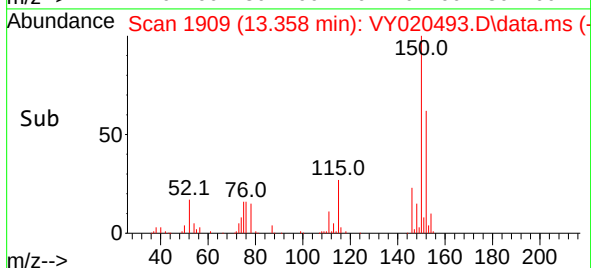
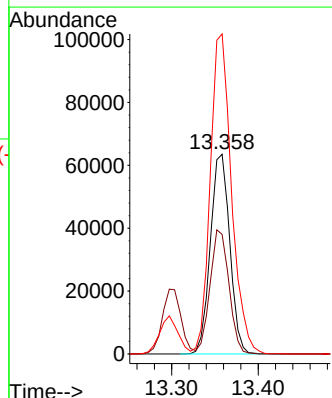
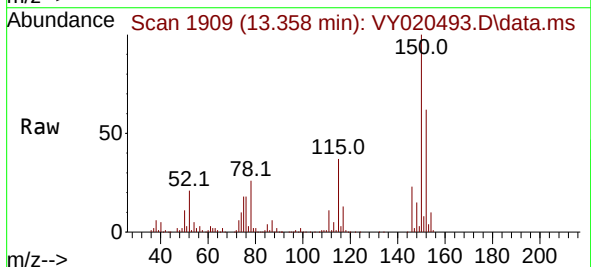
Tgt Ion:152 Resp: 98920

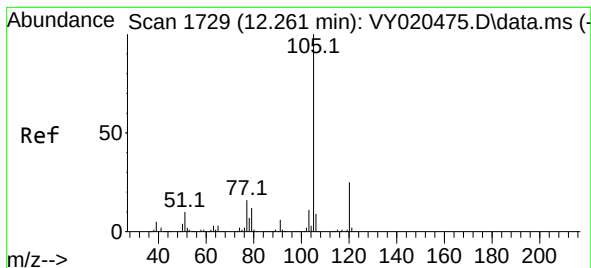
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 175.3 0.0 348.2





#73

Isopropylbenzene

Concen: 46.487 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

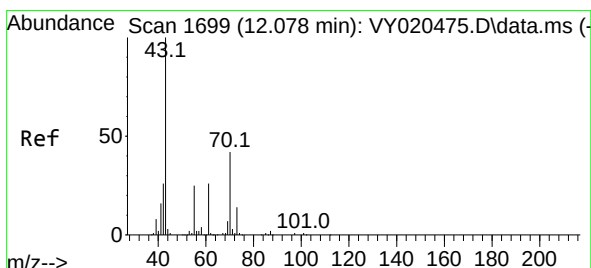
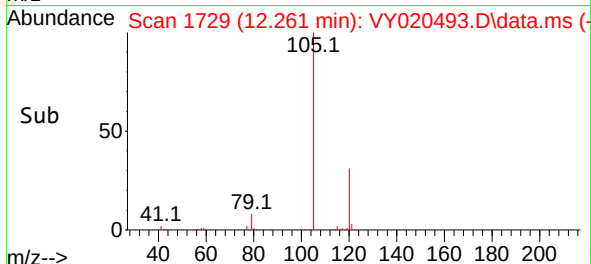
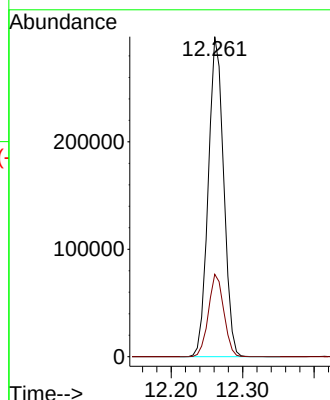
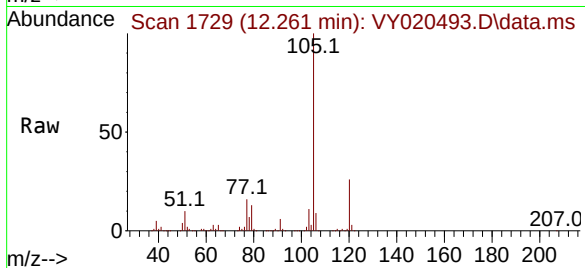
ClientSampleId :

Tgt Ion:105 Resp: 444924

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.1



#74

N-ethyl acetate

Concen: 49.169 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Tgt Ion: 43 Resp: 92236

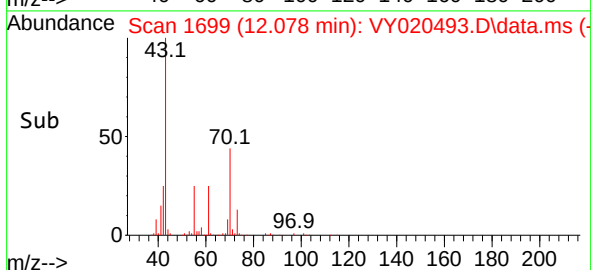
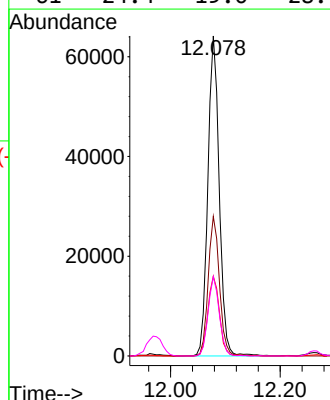
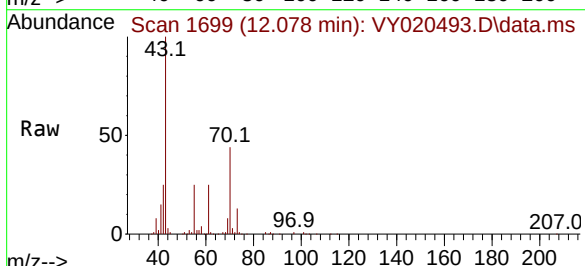
Ion Ratio Lower Upper

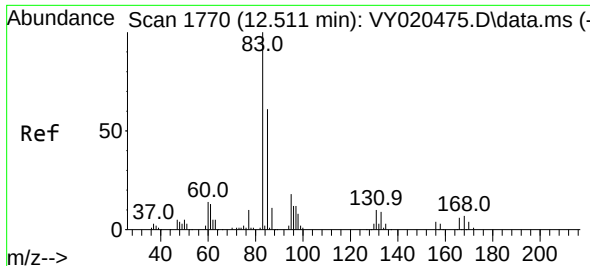
43 100

70 42.9 32.9 49.3

55 25.5 19.3 28.9

61 24.4 19.0 28.4

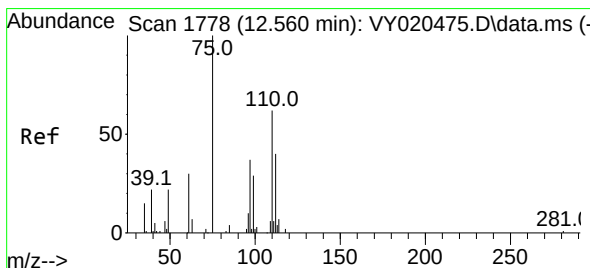
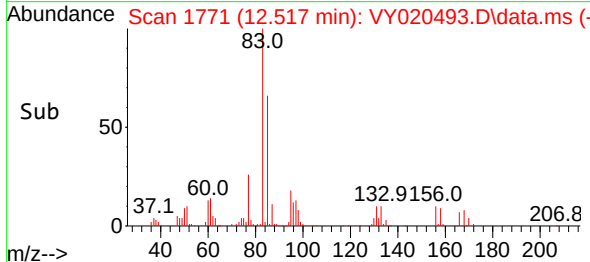
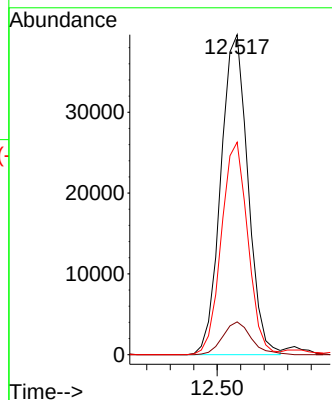
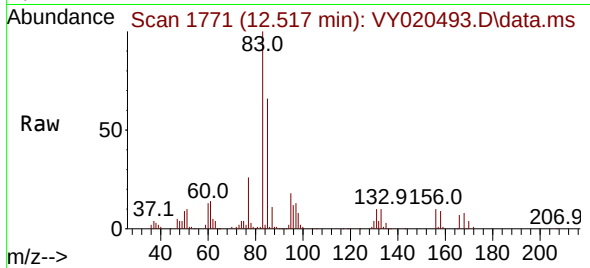




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.164 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

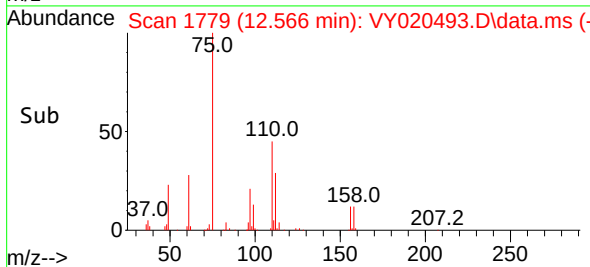
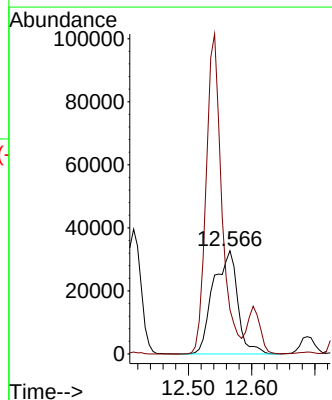
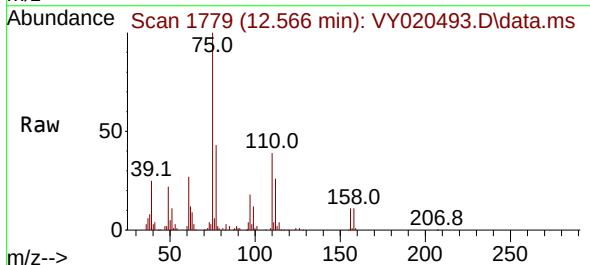
Instrument :
 MSVOA_Y
 ClientSampleId :

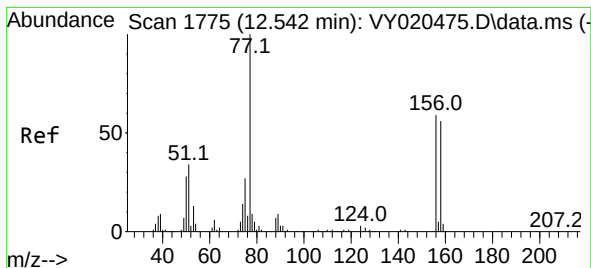
Tgt Ion: 83 Resp: 63540
 Ion Ratio Lower Upper
 83 100
 131 10.8 4.8 14.4
 85 64.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 87.022 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

Tgt Ion: 75 Resp: 87691
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.378 ug/l

RT: 12.541 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY020493.D

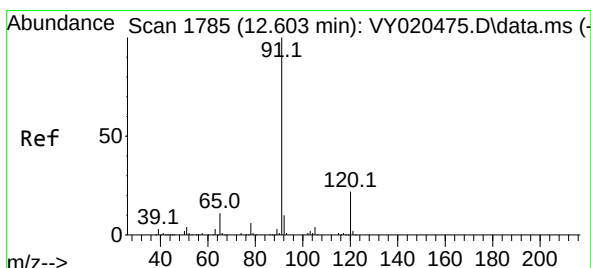
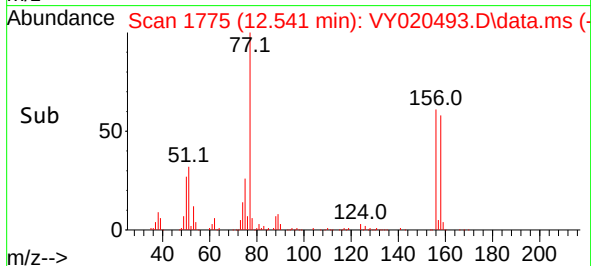
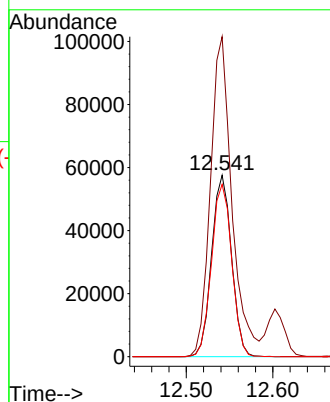
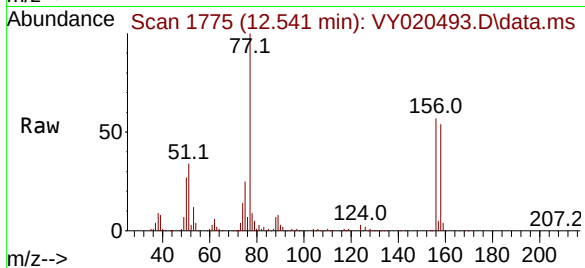
Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	91924
Ion	Ratio	Lower	Upper
156	100		
77	190.2	97.2	291.6
158	96.6	47.8	143.4



#78

n-propylbenzene

Concen: 46.692 ug/l

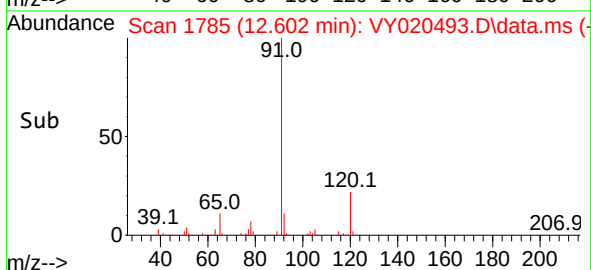
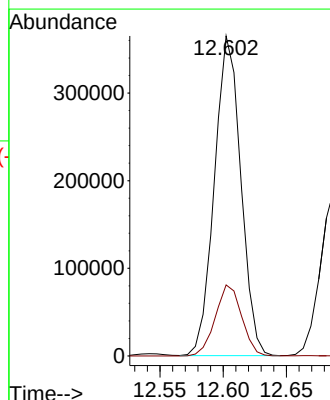
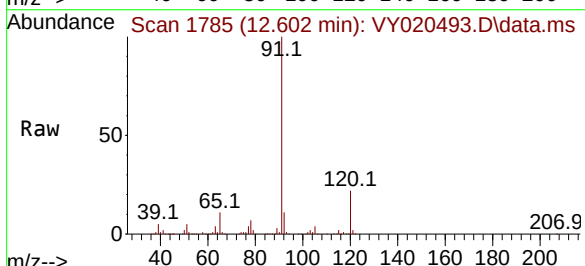
RT: 12.602 min Scan# 1785

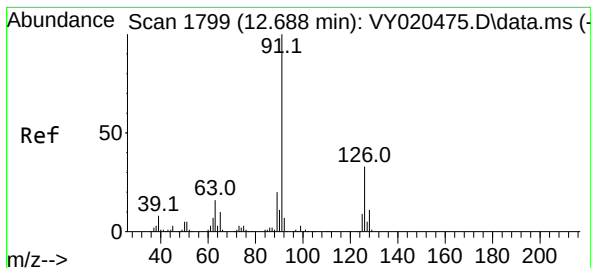
Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Tgt Ion:	91	Resp:	529106
Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.6





#79

2-Chlorotoluene

Concen: 46.096 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

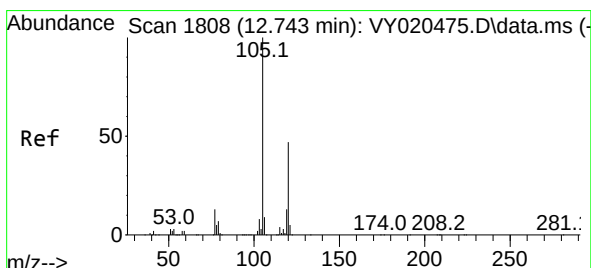
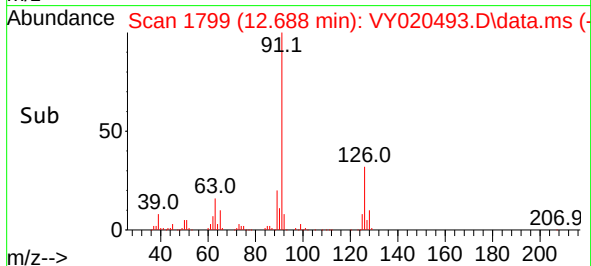
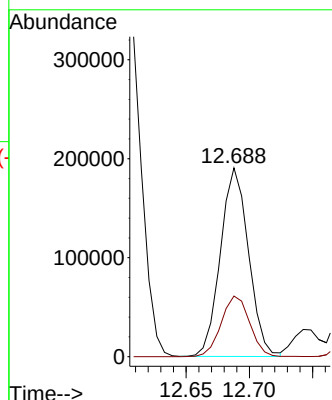
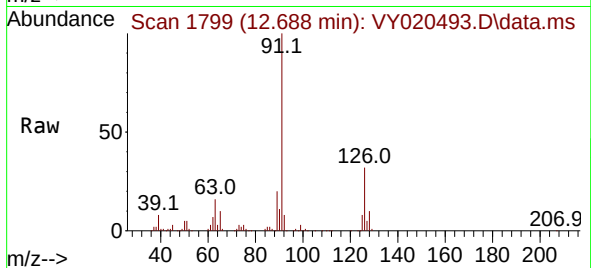
ClientSampleId :

Tgt Ion: 91 Resp: 294749

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 46.560 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020493.D

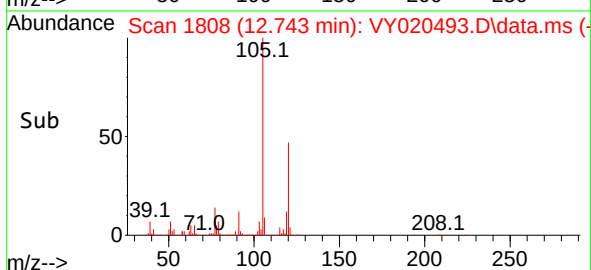
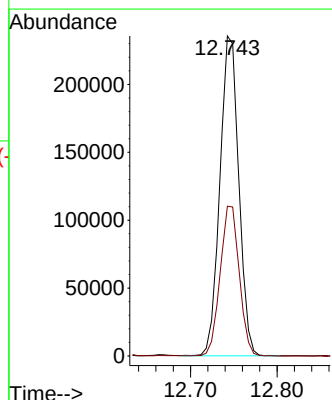
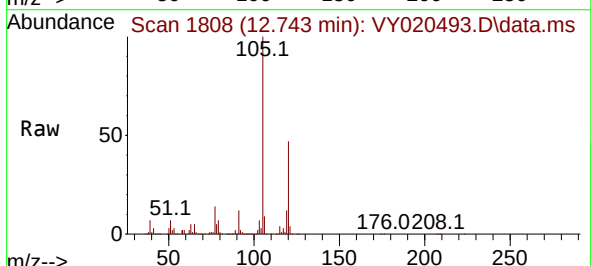
Acq: 03 Dec 2024 09:25

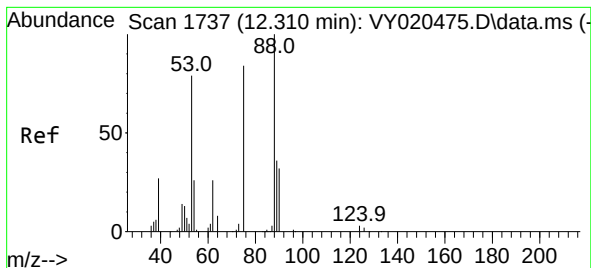
Tgt Ion: 105 Resp: 357115

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.8

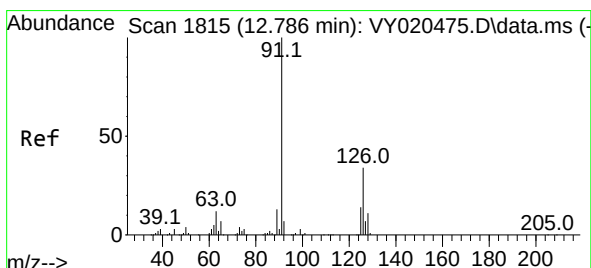
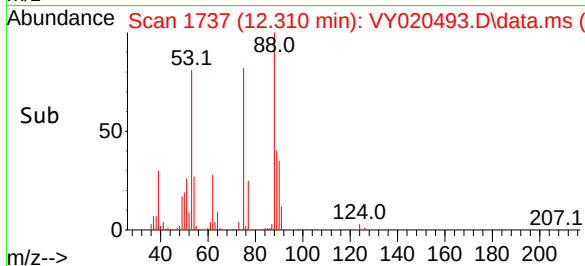
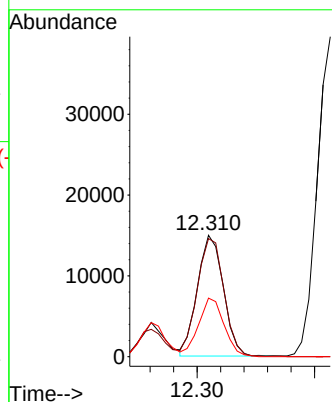
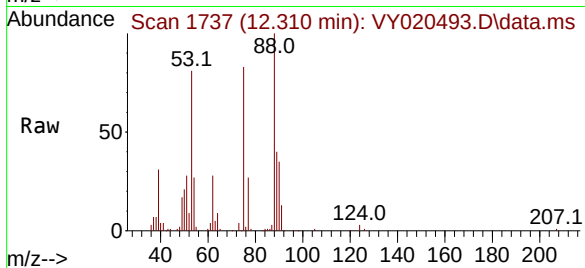




#81
trans-1,4-Dichloro-2-butene
Concen: 46.821 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

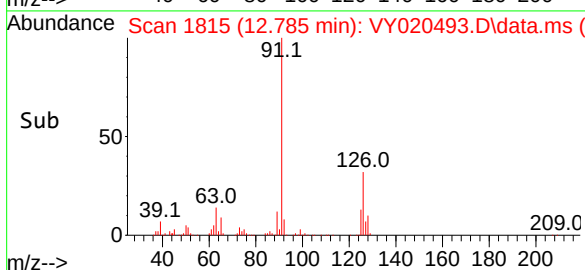
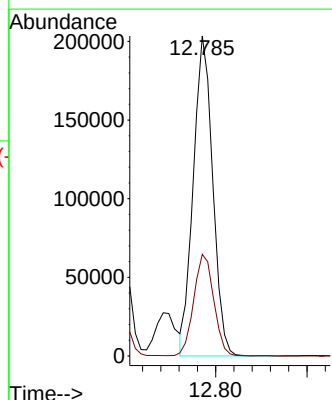
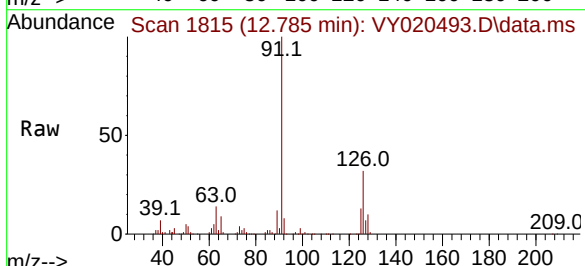
Instrument :
MSVOA_Y
ClientSampleId :

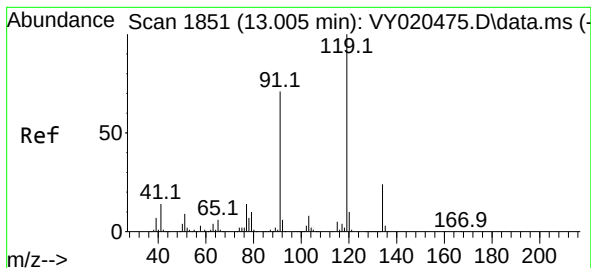
Tgt Ion: 75 Resp: 22994
Ion Ratio Lower Upper
75 100
53 101.3 81.1 121.7
89 47.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 45.967 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY020493.D
Acq: 03 Dec 2024 09:25

Tgt Ion: 91 Resp: 299943
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





#83

tert-Butylbenzene

Concen: 45.997 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

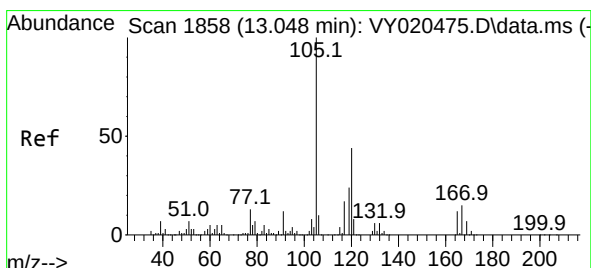
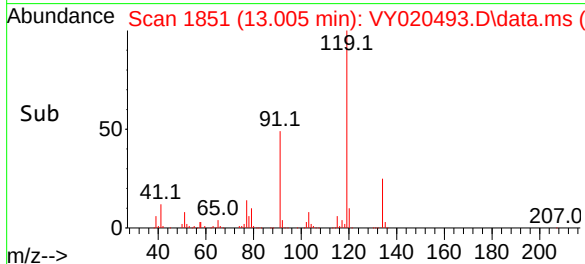
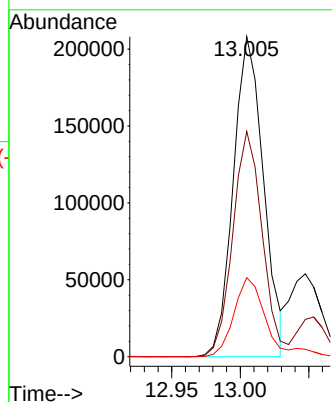
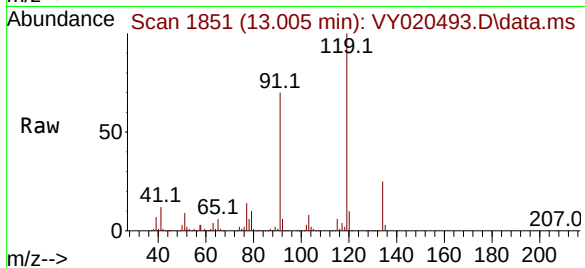
Tgt Ion:119 Resp: 318963

Ion Ratio Lower Upper

119 100

91 68.9 33.3 99.9

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 46.437 ug/l

RT: 13.053 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY020493.D

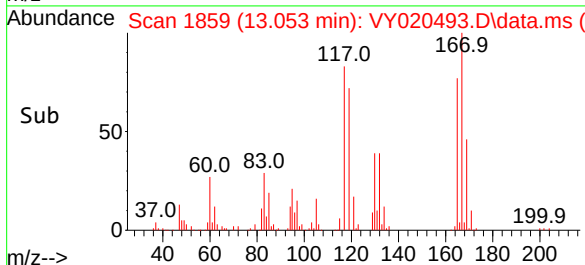
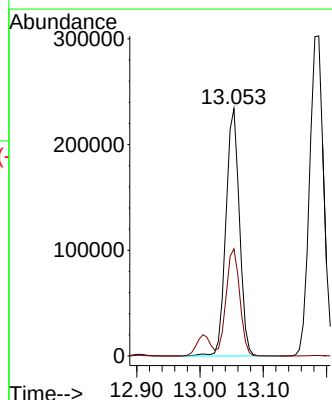
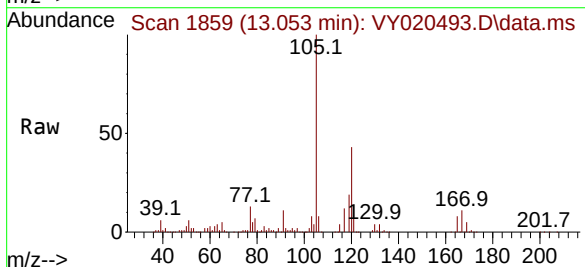
Acq: 03 Dec 2024 09:25

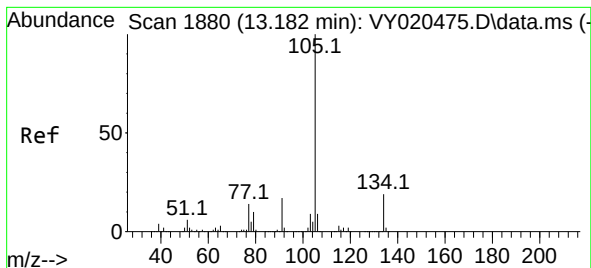
Tgt Ion:105 Resp: 346184

Ion Ratio Lower Upper

105 100

120 43.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.863 ug/l

RT: 13.188 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

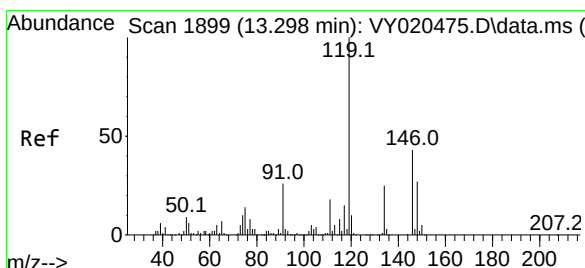
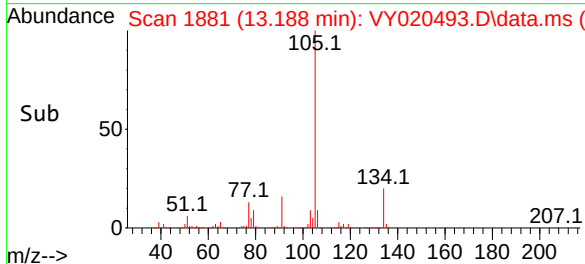
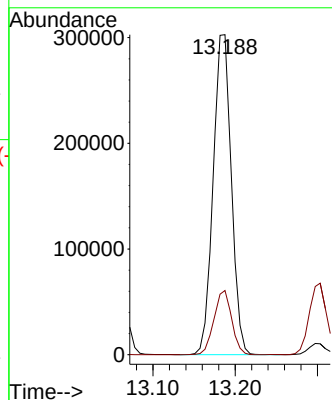
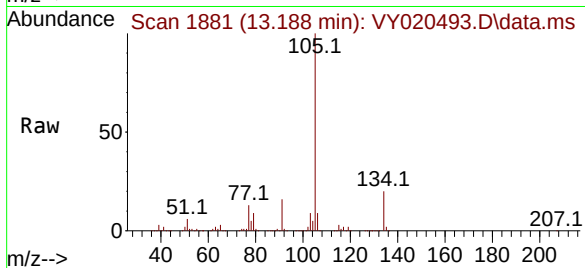
ClientSampleId :

Tgt Ion:105 Resp: 465715

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 47.252 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

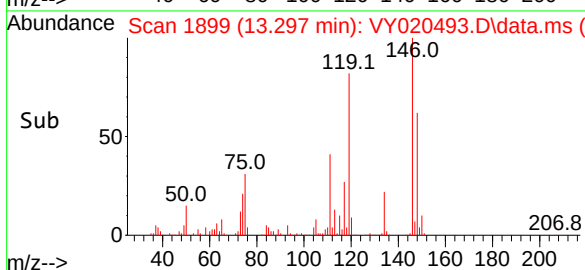
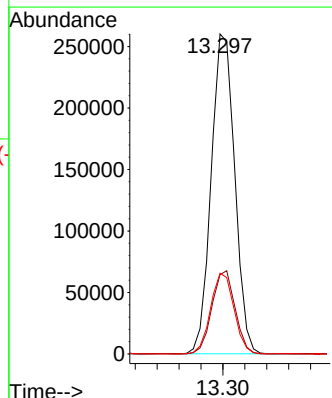
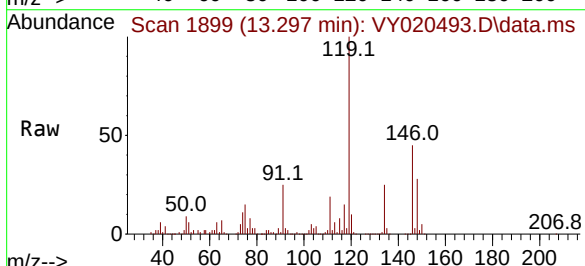
Tgt Ion:119 Resp: 388045

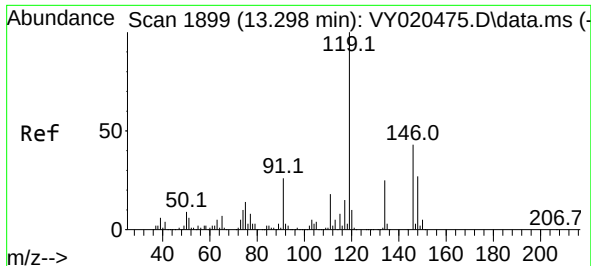
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 25.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 46.928 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

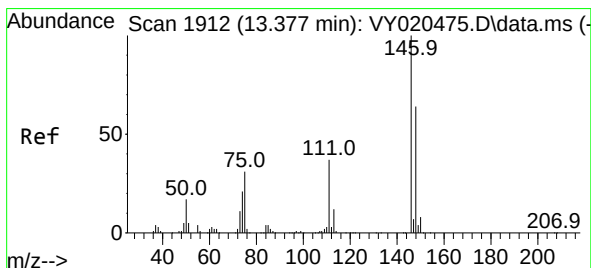
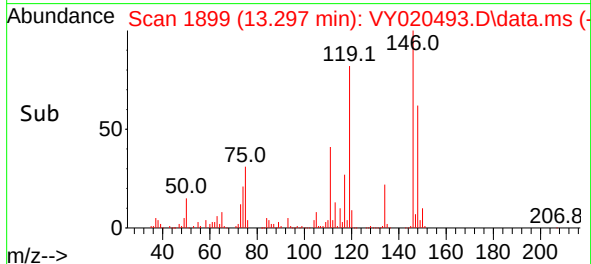
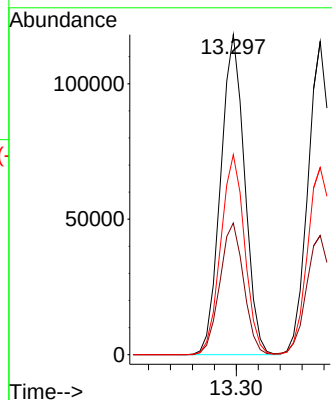
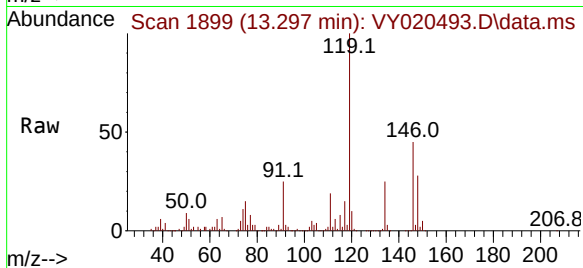
Tgt Ion:146 Resp: 179385

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 62.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 46.104 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

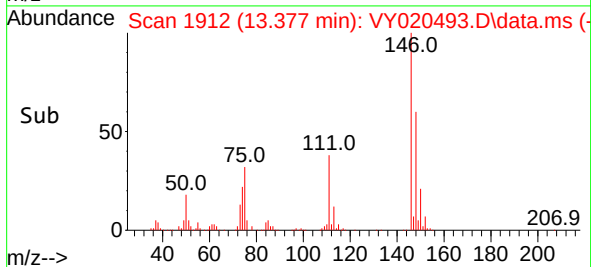
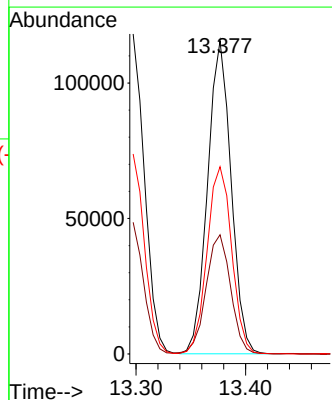
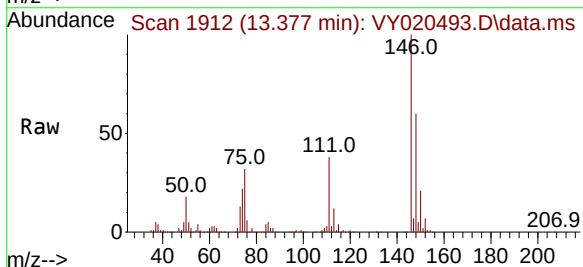
Tgt Ion:146 Resp: 172527

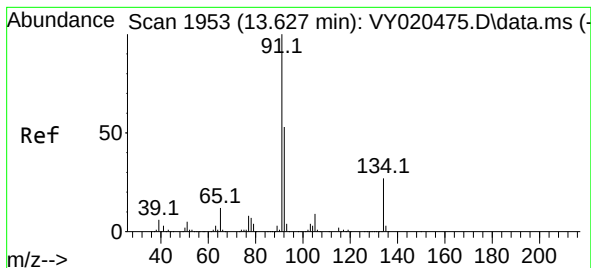
Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.6

148 62.7 32.0 96.2





#89

n-Butylbenzene

Concen: 47.230 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

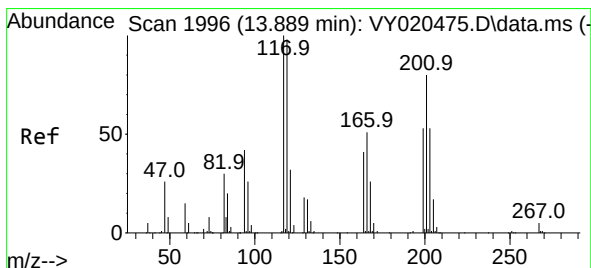
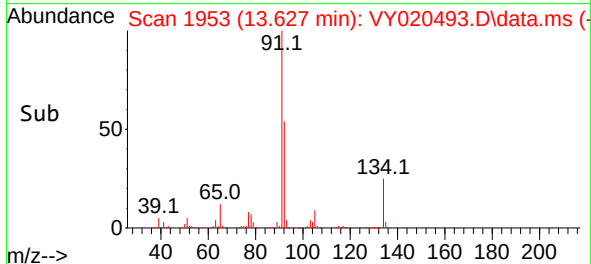
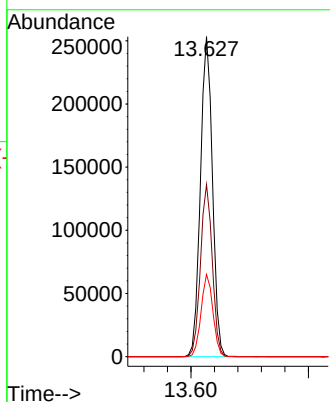
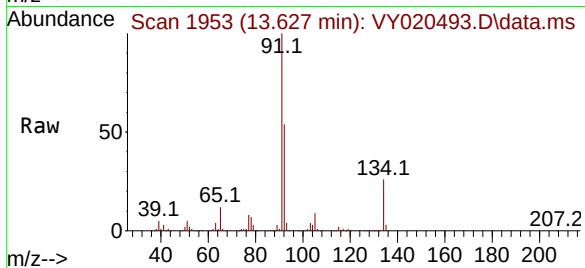
Tgt Ion: 91 Resp: 359739

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.4 12.2 36.4



#90

Hexachloroethane

Concen: 46.139 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020493.D

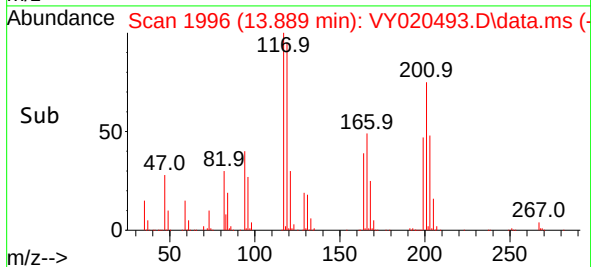
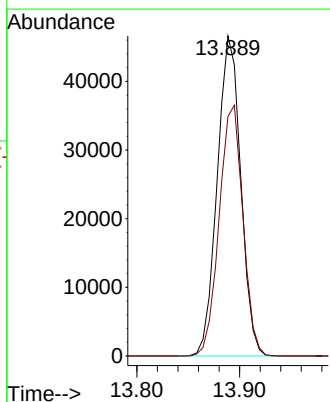
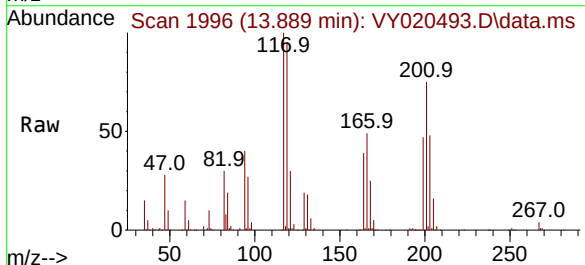
Acq: 03 Dec 2024 09:25

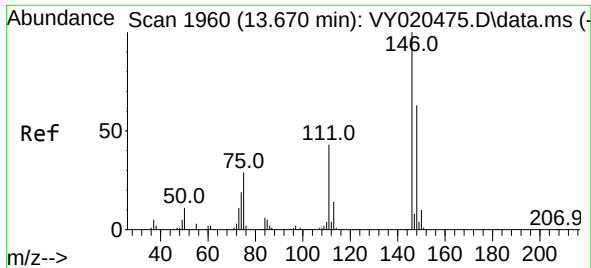
Tgt Ion: 117 Resp: 73843

Ion Ratio Lower Upper

117 100

201 79.2 37.1 111.3

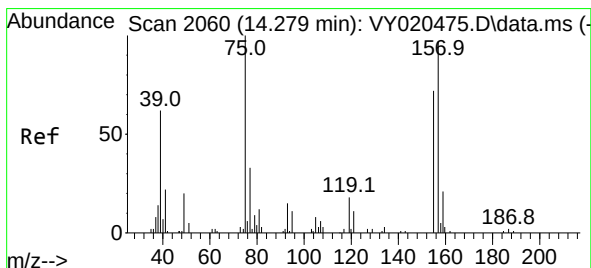
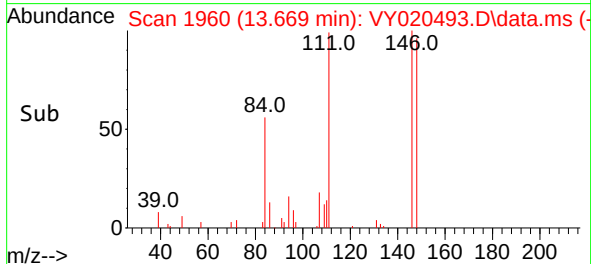
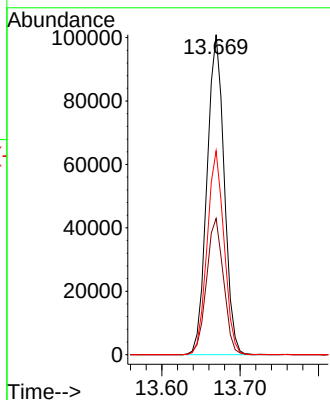
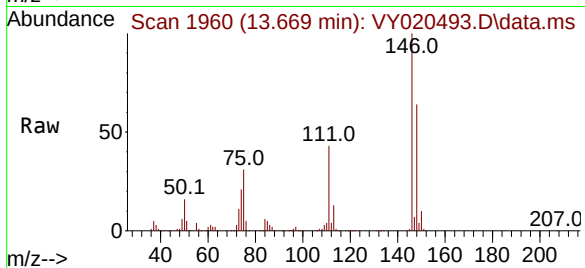




#91
 1,2-Dichlorobenzene
 Concen: 47.348 ug/l
 RT: 13.669 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

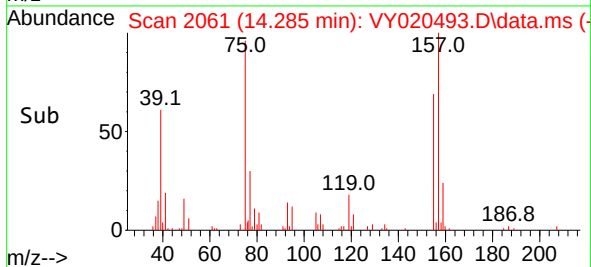
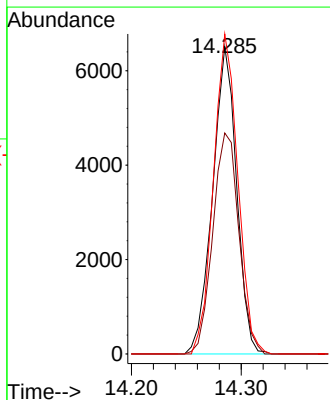
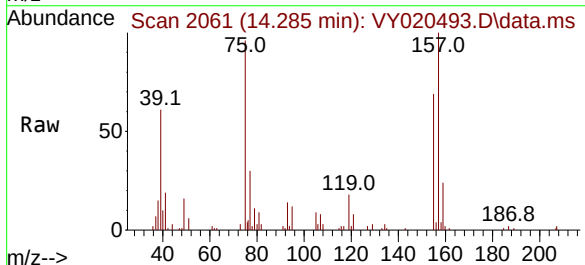
Instrument :
 MSVOA_Y
 ClientSampleId :

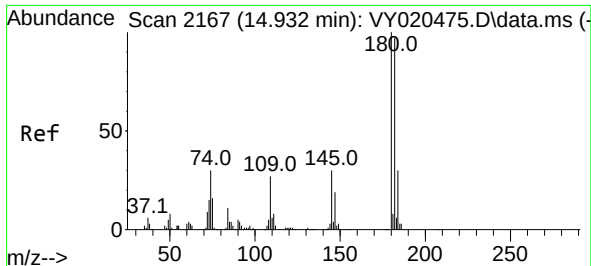
Tgt Ion:146 Resp: 153485
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 62.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.488 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

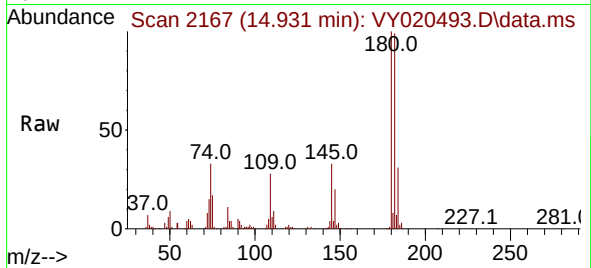
Tgt Ion: 75 Resp: 9895
 Ion Ratio Lower Upper
 75 100
 155 78.3 39.7 119.1
 157 105.7 52.6 157.8



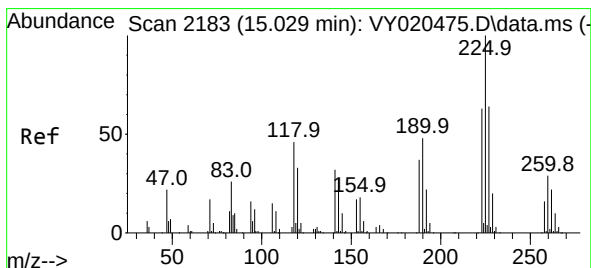
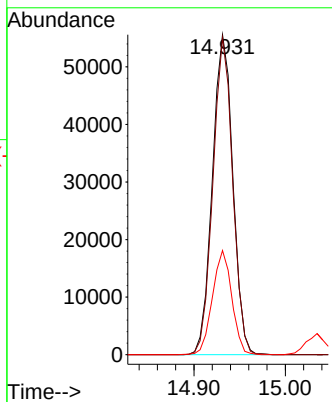
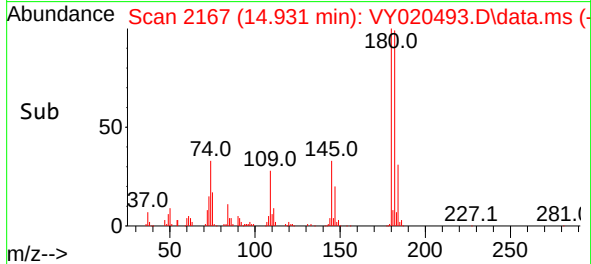


#93
 1,2,4-Trichlorobenzene
 Concen: 47.337 ug/l
 RT: 14.931 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25

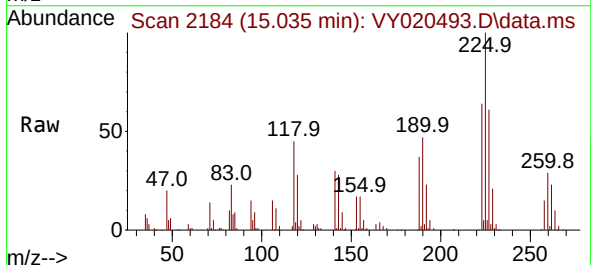
Instrument :
 MSVOA_Y
 ClientSampleId :



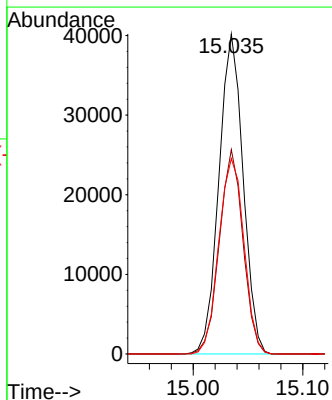
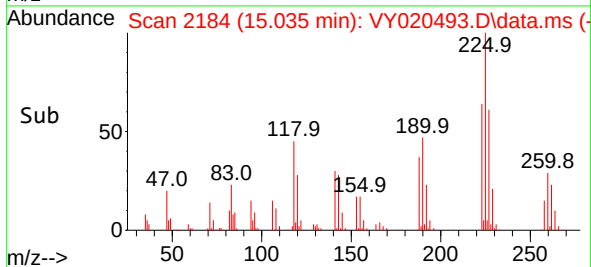
Tgt Ion:180 Resp: 86286
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.8
 145 30.9 15.8 47.3

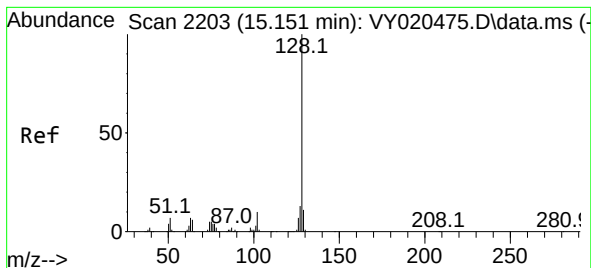


#94
 Hexachlorobutadiene
 Concen: 48.359 ug/l
 RT: 15.035 min Scan# 2184
 Delta R.T. 0.006 min
 Lab File: VY020493.D
 Acq: 03 Dec 2024 09:25



Tgt Ion:225 Resp: 61667
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.9 95.5
 227 63.5 32.3 96.8





#95

Naphthalene

Concen: 48.568 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Instrument :

MSVOA_Y

ClientSampleId :

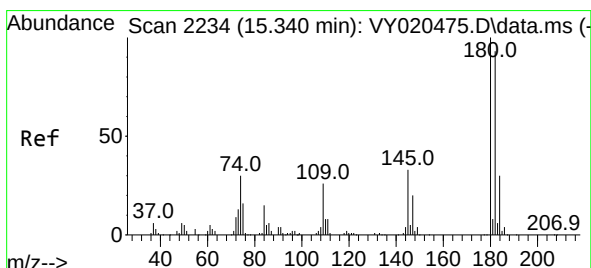
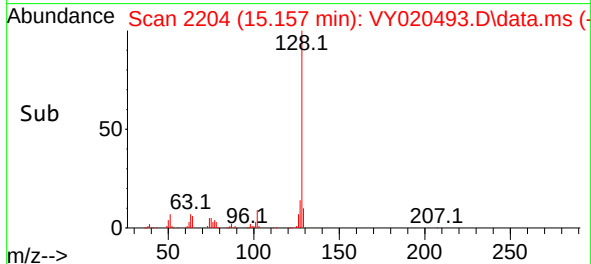
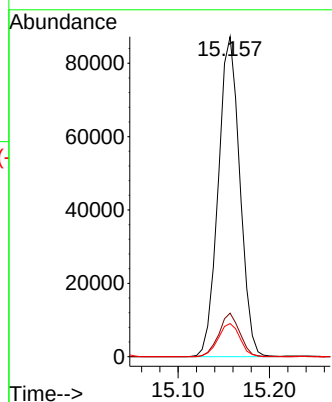
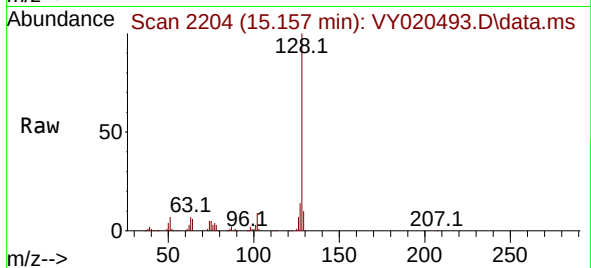
Tgt Ion:128 Resp: 143259

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.342 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020493.D

Acq: 03 Dec 2024 09:25

Tgt Ion:180 Resp: 69631

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 32.7 16.9 50.6

