

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020505.D
 Acq On : 04 Dec 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 03:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	160704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	250928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	213221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	100339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	80145	49.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.640	113	77473	49.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.109	98	289646	48.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.408	95	101429	48.212	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	74677	47.639	ug/l	99
3) Chloromethane	2.074	50	73116	46.067	ug/l	99
4) Vinyl Chloride	2.214	62	74776	46.208	ug/l	100
5) Bromomethane	2.604	94	44370	46.730	ug/l	100
6) Chloroethane	2.745	64	44679	45.047	ug/l	96
7) Trichlorofluoromethane	3.074	101	135676	44.765	ug/l	98
8) Diethyl Ether	3.470	74	40016	46.598	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.830	101	77177	43.702	ug/l	98
10) Methyl Iodide	4.019	142	91525	46.167	ug/l	95
11) Tert butyl alcohol	4.891	59	27315	257.637	ug/l	98
12) 1,1-Dichloroethene	3.805	96	74803	44.840	ug/l	93
13) Acrolein	3.659	56	20985	211.405	ug/l	97
14) Allyl chloride	4.397	41	132011	44.368	ug/l	96
15) Acrylonitrile	5.074	53	86246	241.043	ug/l	100
16) Acetone	3.879	43	111029	273.210	ug/l	98
17) Carbon Disulfide	4.122	76	224518	47.023	ug/l	99
18) Methyl Acetate	4.403	43	41439	47.976	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	201552	47.309	ug/l	99
20) Methylene Chloride	4.628	84	79010	45.704	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	82250	44.390	ug/l	98
22) Diisopropyl ether	6.031	45	266602	45.061	ug/l	98
23) Vinyl Acetate	5.970	43	746865	238.658	ug/l	99
24) 1,1-Dichloroethane	5.933	63	155547	43.669	ug/l	99
25) 2-Butanone	6.902	43	131980	257.190	ug/l	95
26) 2,2-Dichloropropane	6.896	77	146824	43.581	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	97760	45.184	ug/l	98
28) Bromochloromethane	7.250	49	71375	53.659	ug/l	92
29) Tetrahydrofuran	7.274	42	70621	241.231	ug/l	98
30) Chloroform	7.433	83	160362	43.866	ug/l	100
31) Cyclohexane	7.707	56	136809	42.485	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	153311	43.553	ug/l	98
36) 1,1-Dichloropropene	7.841	75	116711	43.750	ug/l	99
37) Ethyl Acetate	6.994	43	51014	48.269	ug/l	98
38) Carbon Tetrachloride	7.829	117	140598	44.159	ug/l	96
39) Methylcyclohexane	9.115	83	147936	44.690	ug/l	97
40) Benzene	8.085	78	345596	43.939	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	28119	46.802	ug/l	95
42) 1,2-Dichloroethane	8.164	62	97254	47.057	ug/l	99
43) Isopropyl Acetate	8.207	43	102175	47.877	ug/l	98
44) Trichloroethene	8.872	130	85278	43.981	ug/l	98
45) 1,2-Dichloropropane	9.146	63	80456	43.713	ug/l	99
46) Dibromomethane	9.237	93	42658	46.810	ug/l	97
47) Bromodichloromethane	9.426	83	120683	44.948	ug/l	99
48) Methyl methacrylate	9.225	41	48240	48.474	ug/l	96
49) 1,4-Dioxane	9.231	88	7827	898.547	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	257732	244.543	ug/l	98
52) Toluene	10.176	92	221172	45.070	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	111828	46.393	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	129705	45.531	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	57168	47.027	ug/l	95
56) Ethyl methacrylate	10.444	69	83002	48.255	ug/l	96
57) 1,3-Dichloropropane	10.719	76	101165	46.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	234906	291.684	ug/l	97
59) 2-Hexanone	10.768	43	197158	259.310	ug/l	99
60) Dibromochloromethane	10.914	129	78727	46.516	ug/l	100
61) 1,2-Dibromoethane	11.018	107	51544	46.366	ug/l	100
64) Tetrachloroethene	10.652	164	76167	42.276	ug/l	99
65) Chlorobenzene	11.444	112	230800	43.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	81439	42.967	ug/l	98
67) Ethyl Benzene	11.524	91	429545	42.878	ug/l	99
68) m/p-Xylenes	11.633	106	314712	85.794	ug/l	98
69) o-Xylene	11.956	106	150047	43.662	ug/l	99
70) Styrene	11.975	104	250558	43.701	ug/l	99
71) Bromoform	12.133	173	43857	45.511	ug/l #	99
73) Isopropylbenzene	12.261	105	405589	41.777	ug/l	99
74) N-amyl acetate	12.072	43	89192	46.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	62136	44.506	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	85365	83.516	ug/l #	100
77) Bromobenzene	12.536	156	86366	42.958	ug/l	97
78) n-propylbenzene	12.597	91	477424	41.535	ug/l	99
79) 2-Chlorotoluene	12.682	91	272624	42.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	327757	42.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	22251	44.667	ug/l	96
82) 4-Chlorotoluene	12.779	91	280652	42.402	ug/l	99
83) tert-Butylbenzene	12.999	119	298883	42.492	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	318309	42.094	ug/l	100
85) sec-Butylbenzene	13.182	105	421143	41.778	ug/l	99
86) p-Isopropyltoluene	13.298	119	353762	42.468	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	167279	43.143	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	163215	42.999	ug/l	100
89) n-Butylbenzene	13.621	91	330670	42.800	ug/l	99
90) Hexachloroethane	13.889	117	67196	41.392	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	142784	43.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9916	46.916	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	83743	45.292	ug/l	99
94) Hexachlorobutadiene	15.029	225	55552	42.948	ug/l	98
95) Naphthalene	15.151	128	142887	47.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	68604	45.984	ug/l	99

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

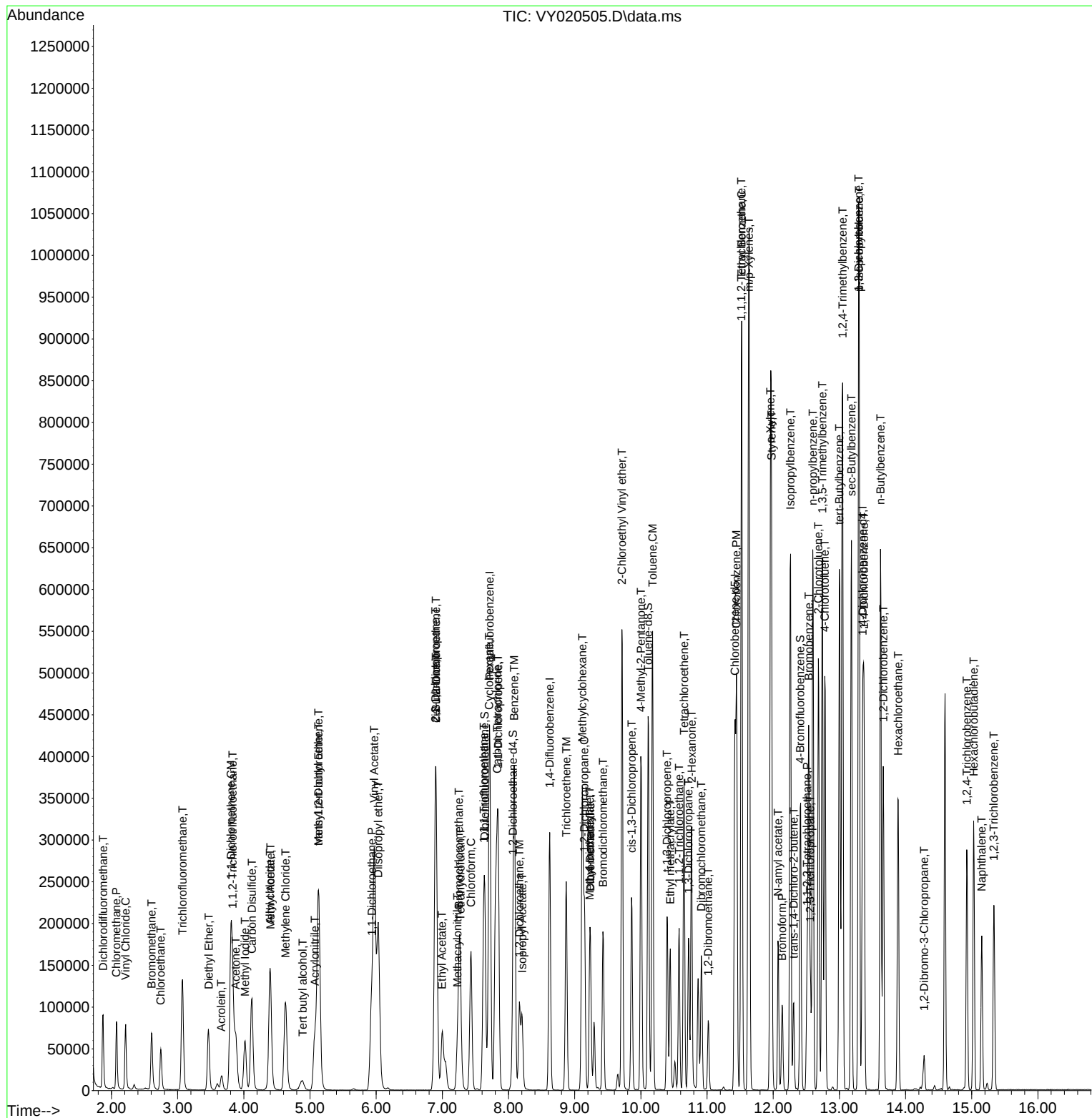
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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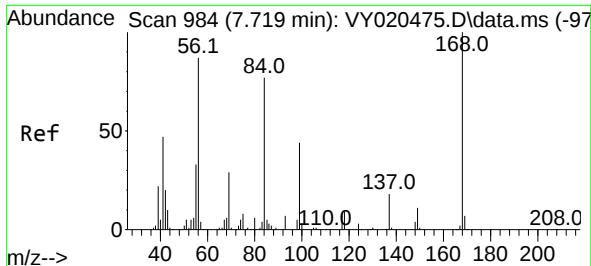
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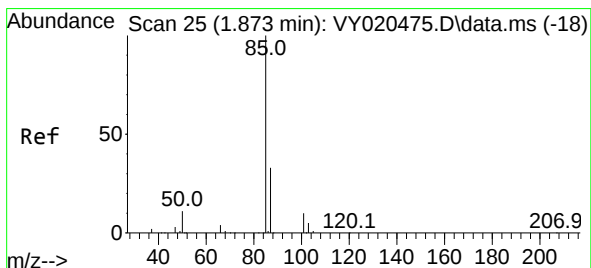
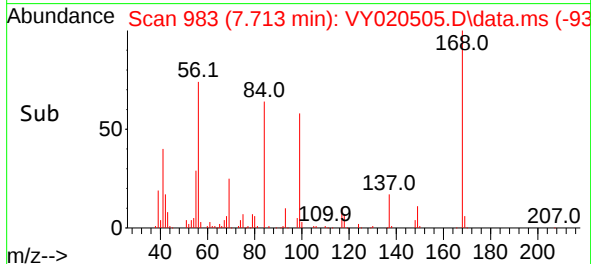
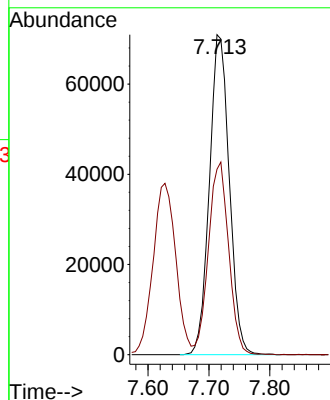
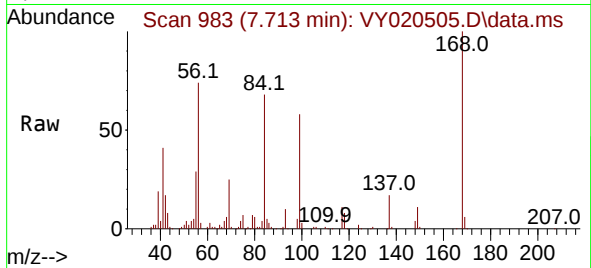




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020505.D
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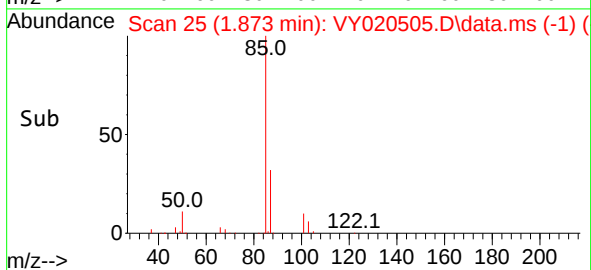
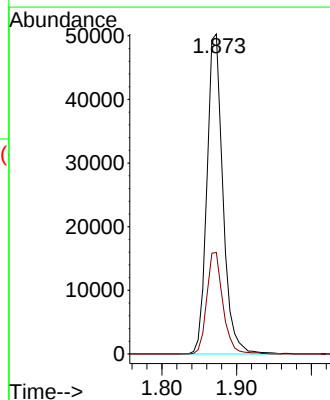
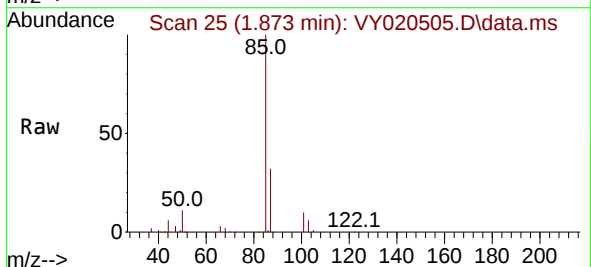
Instrument :
MSVOA_Y
ClientSampleId :

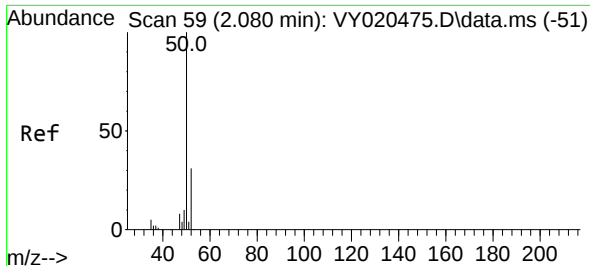
Tgt Ion:168 Resp: 160704
Ion Ratio Lower Upper
168 100
99 58.0 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 47.639 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

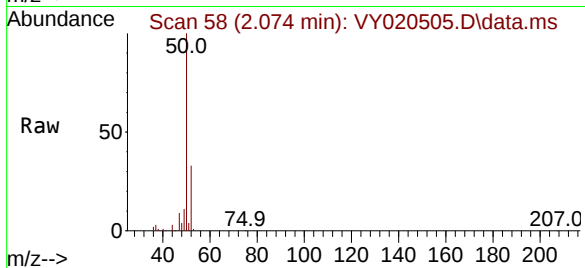
Tgt Ion: 85 Resp: 74677
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2



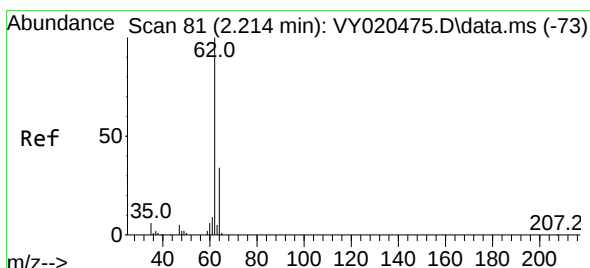
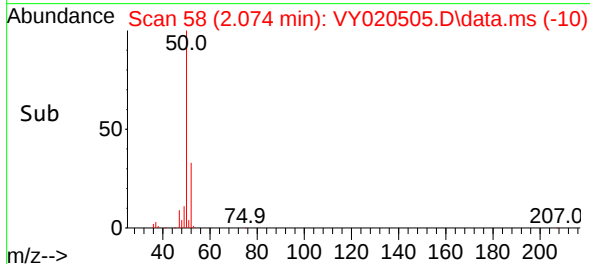
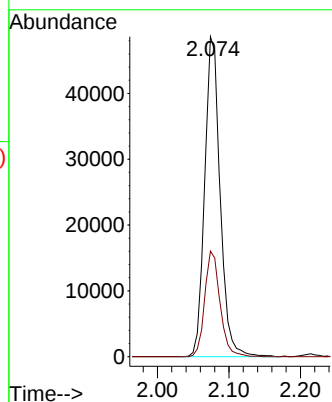


#3
Chloromethane
Concen: 46.067 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :

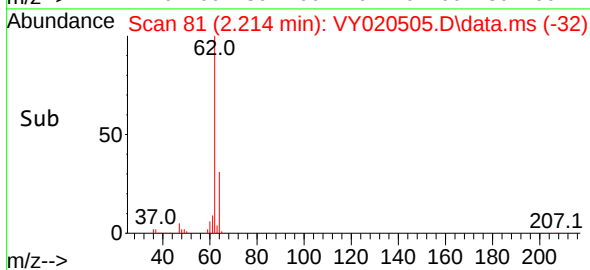
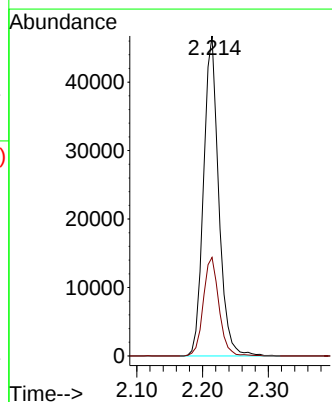
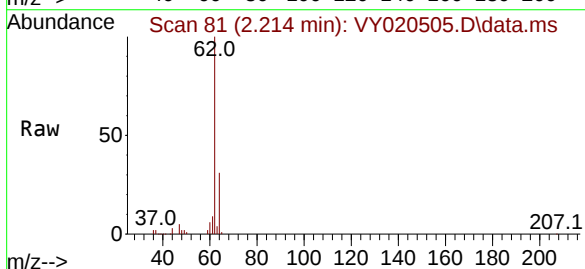


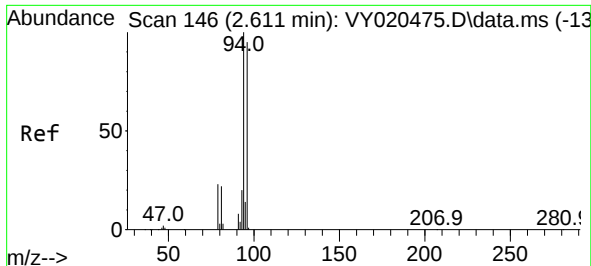
Tgt Ion: 50 Resp: 73116
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3



#4
Vinyl Chloride
Concen: 46.208 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 62 Resp: 74776
Ion Ratio Lower Upper
62 100
64 30.8 24.7 37.1

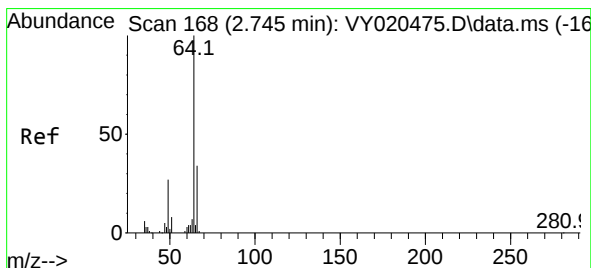
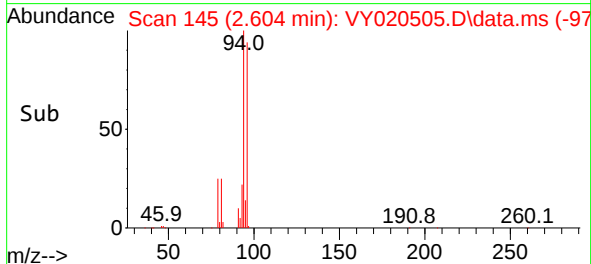
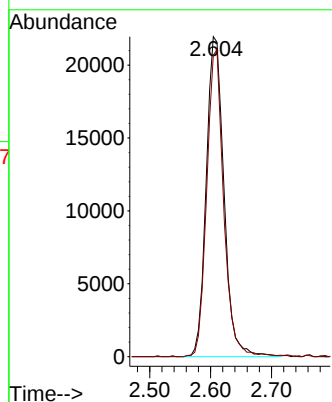
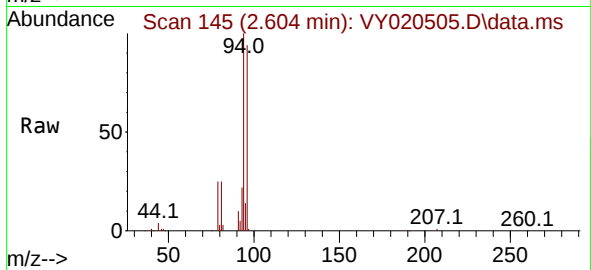




#5
Bromomethane
Concen: 46.730 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

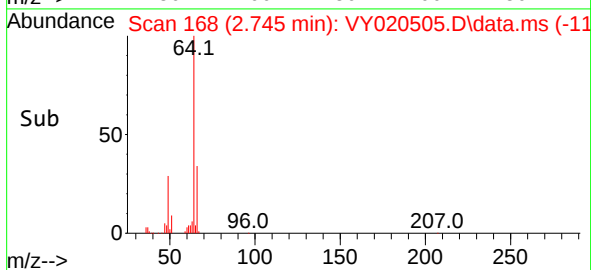
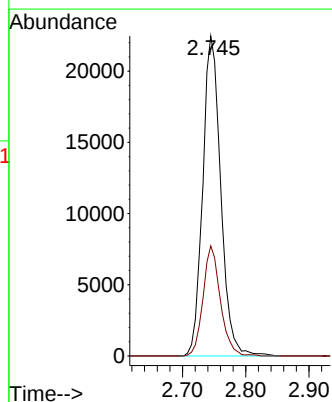
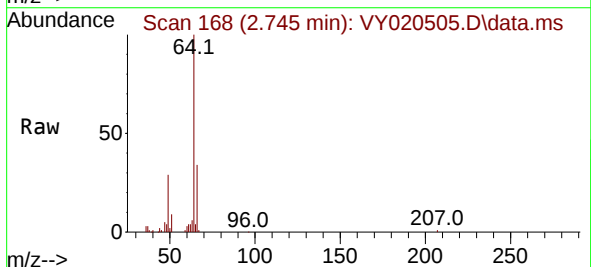
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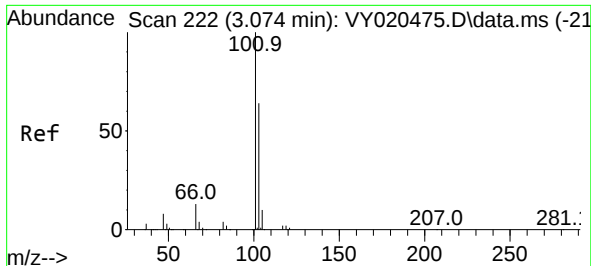
Tgt Ion: 94 Resp: 44370
Ion Ratio Lower Upper
94 100
96 94.2 75.4 113.2



#6
Chloroethane
Concen: 45.047 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 64 Resp: 44679
Ion Ratio Lower Upper
64 100
66 34.4 25.7 38.5

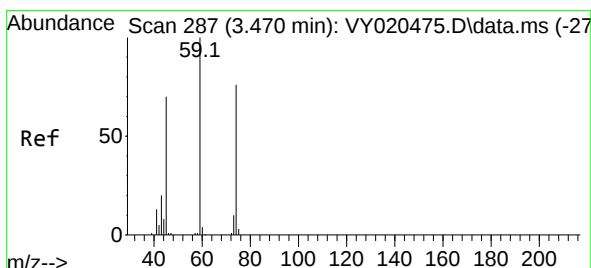
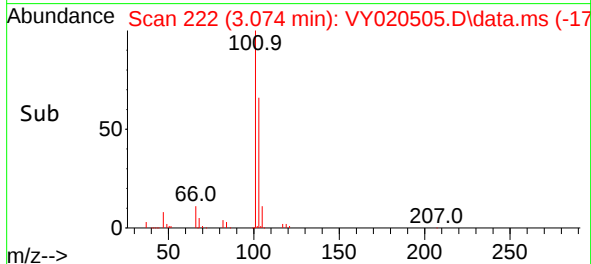
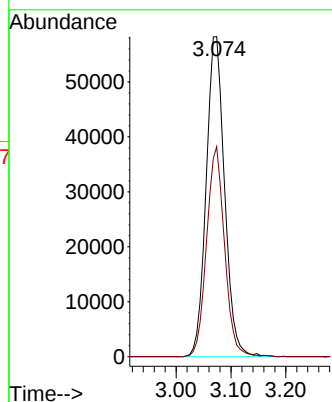
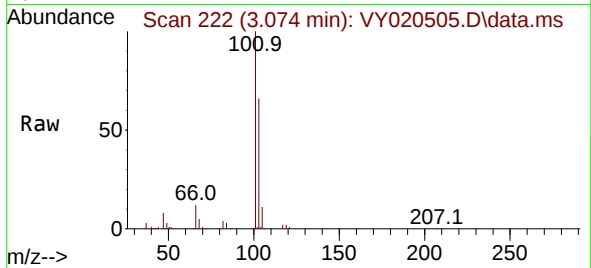




#7
Trichlorofluoromethane
Concen: 44.765 ug/l
RT: 3.074 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

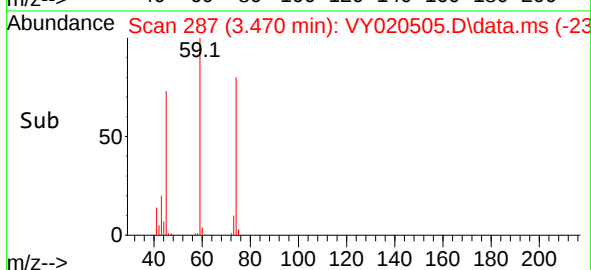
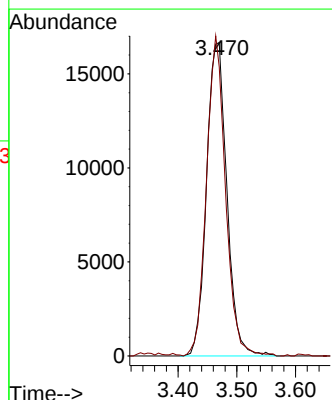
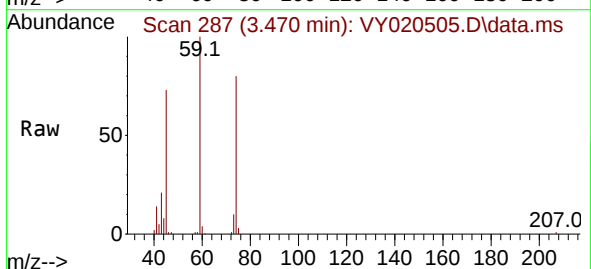
Instrument :
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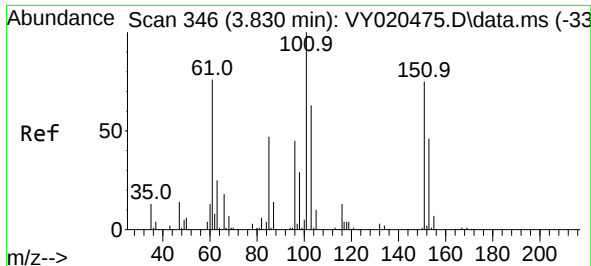
Tgt Ion:101 Resp: 135676
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3



#8
Diethyl Ether
Concen: 46.598 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.000 min
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Acq: 04 Dec 2024 10:07

Tgt Ion: 74 Resp: 40016
Ion Ratio Lower Upper
74 100
45 96.1 53.6 160.8

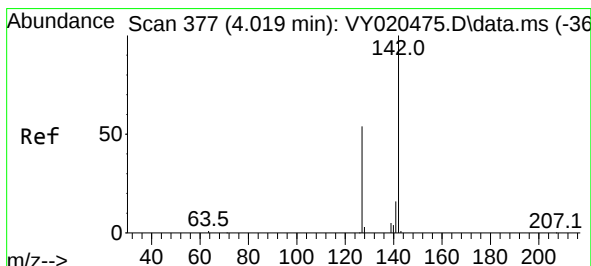
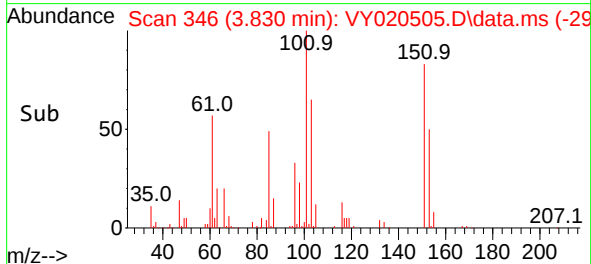
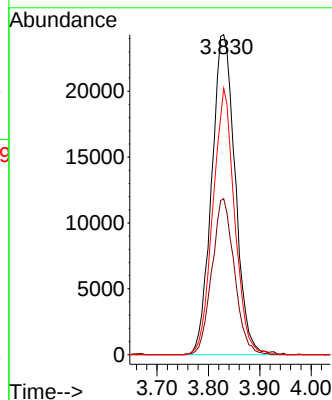
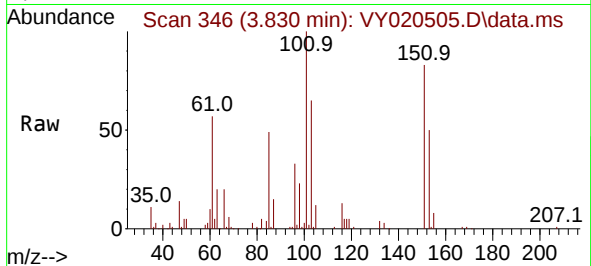




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.702 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

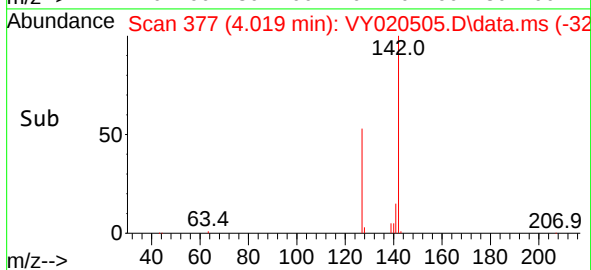
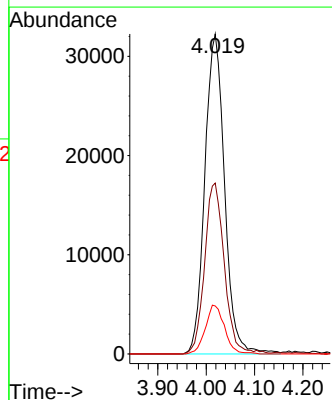
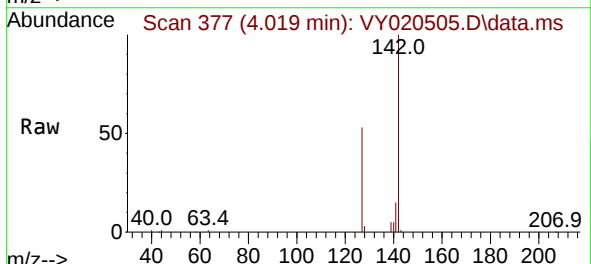
Instrument :
MSVOA_Y
ClientSampleId :

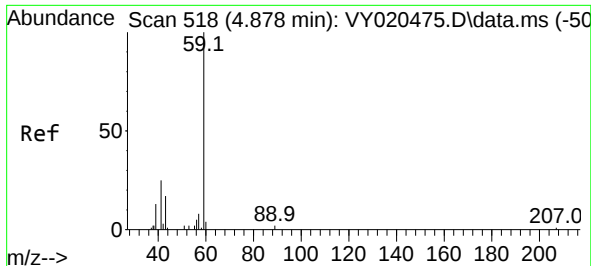
Tgt Ion:101 Resp: 77177
Ion Ratio Lower Upper
101 100
85 46.6 38.0 57.0
151 77.0 59.6 89.4



#10
Methyl Iodide
Concen: 46.167 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:142 Resp: 91525
Ion Ratio Lower Upper
142 100
127 52.9 38.9 58.3
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 257.637 ug/l

RT: 4.891 min Scan# 518

Delta R.T. 0.012 min

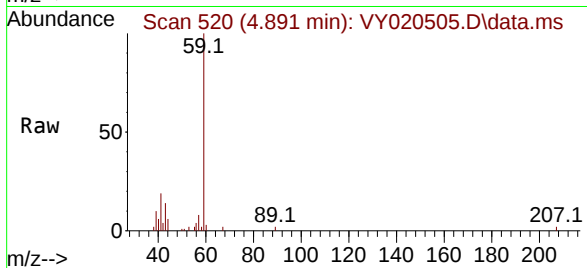
Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

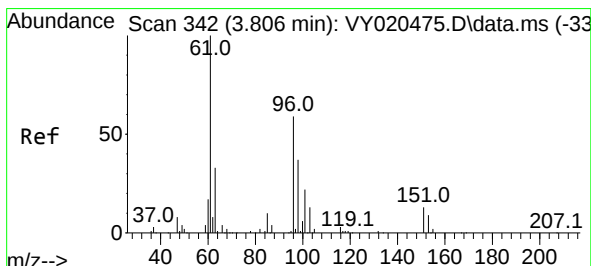
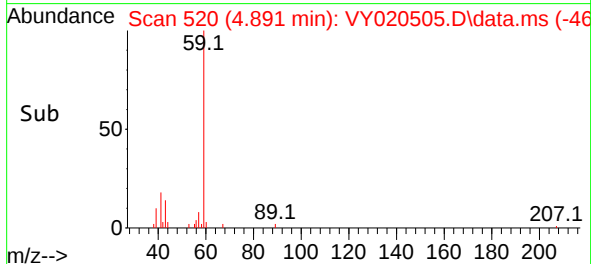
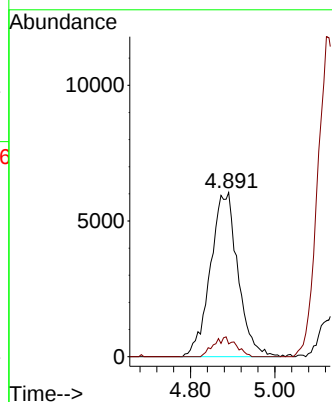


Tgt Ion: 59 Resp: 27315

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.2



#12

1,1-Dichloroethene

Concen: 44.840 ug/l

RT: 3.805 min Scan# 342

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

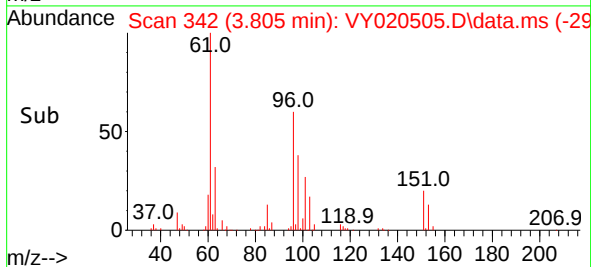
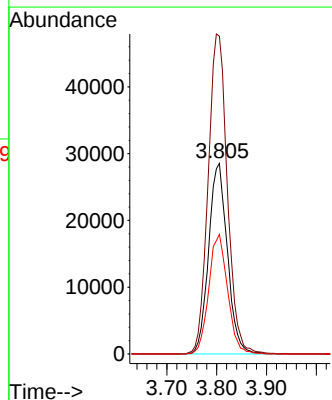
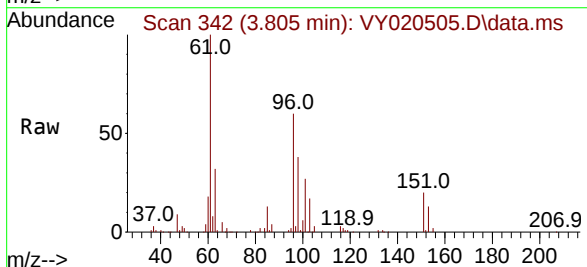
Tgt Ion: 96 Resp: 74803

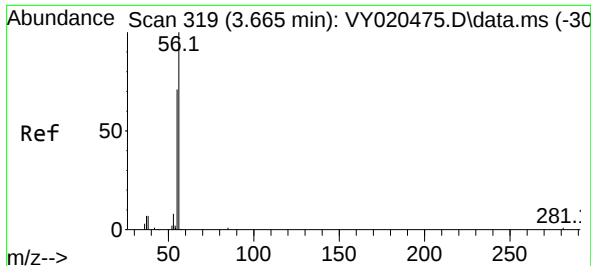
Ion Ratio Lower Upper

96 100

61 166.8 143.3 214.9

98 62.8 49.8 74.8

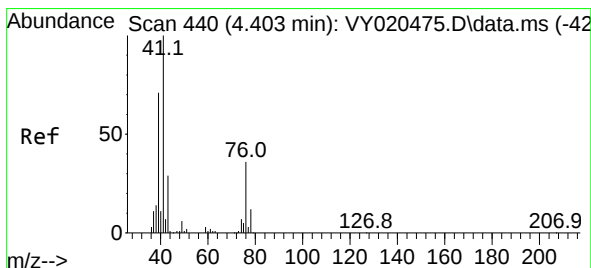
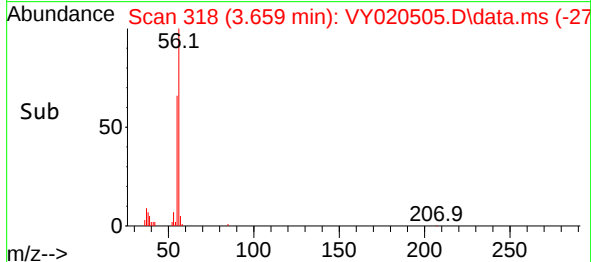
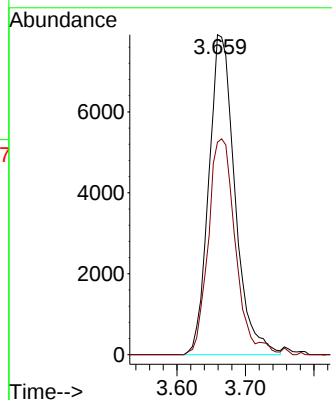
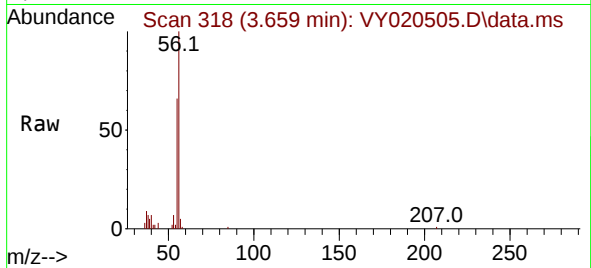




#13
Acrolein
Concen: 211.405 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

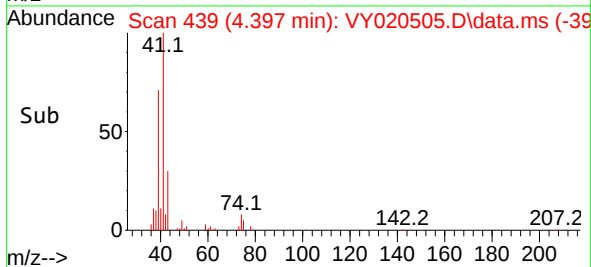
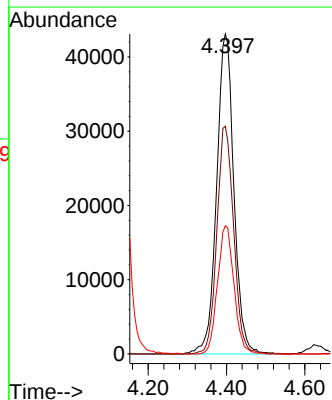
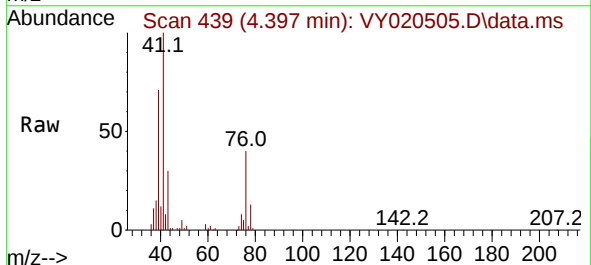
Instrument :
MSVOA_Y
ClientSampleId :

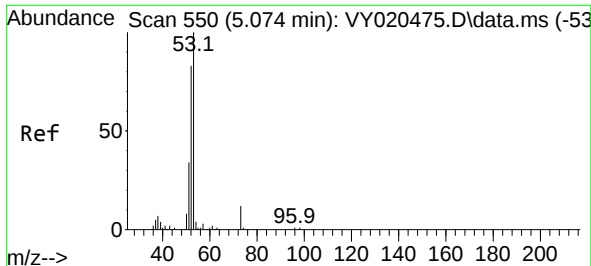
Tgt Ion: 56 Resp: 20985
Ion Ratio Lower Upper
56 100
55 70.0 57.7 86.5



#14
Allyl chloride
Concen: 44.368 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

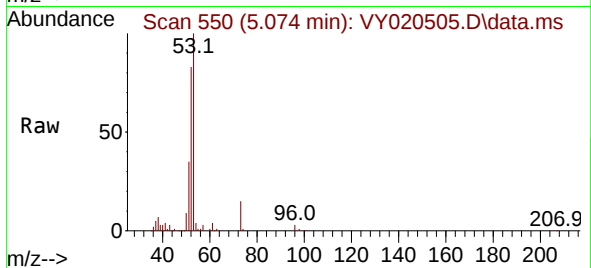
Tgt Ion: 41 Resp: 132011
Ion Ratio Lower Upper
41 100
39 69.1 58.8 88.2
76 38.2 29.7 44.5



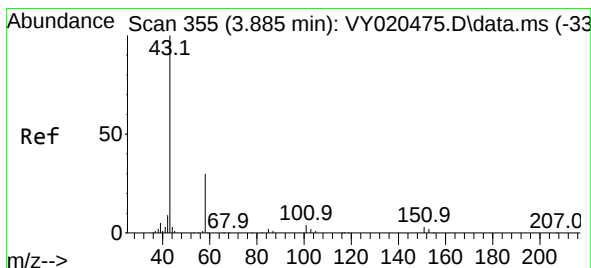
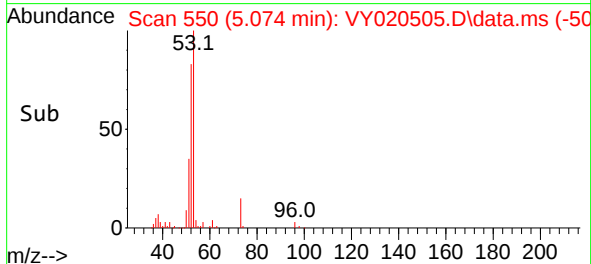
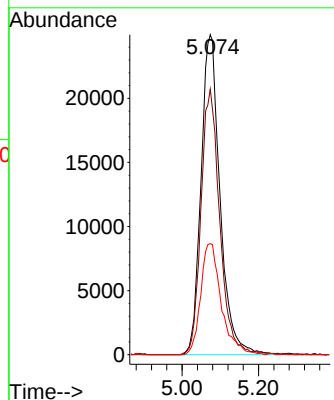


#15
Acrylonitrile
Concen: 241.043 ug/l
RT: 5.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :

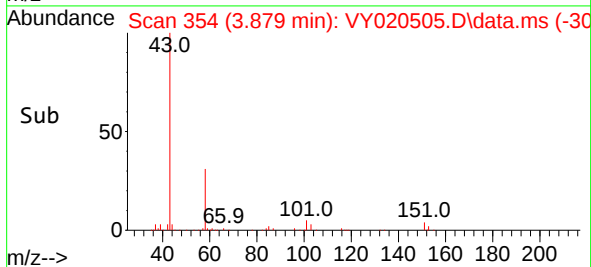
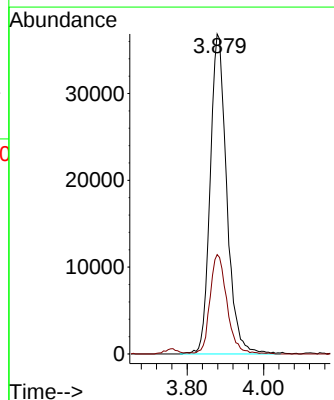
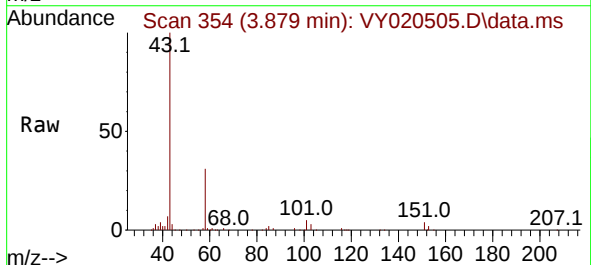


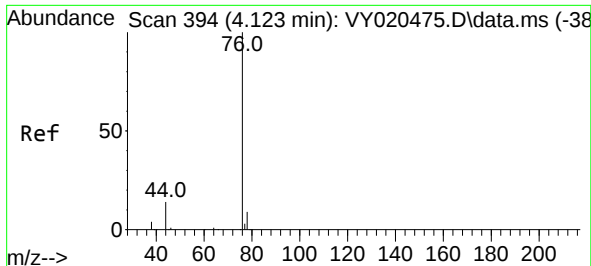
Tgt Ion: 53 Resp: 86246
Ion Ratio Lower Upper
53 100
52 81.9 65.2 97.8
51 37.6 30.2 45.4



#16
Acetone
Concen: 273.210 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 43 Resp: 111029
Ion Ratio Lower Upper
43 100
58 31.0 25.7 38.5





#17

Carbon Disulfide

Concen: 47.023 ug/l

RT: 4.122 min Scan# 394

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

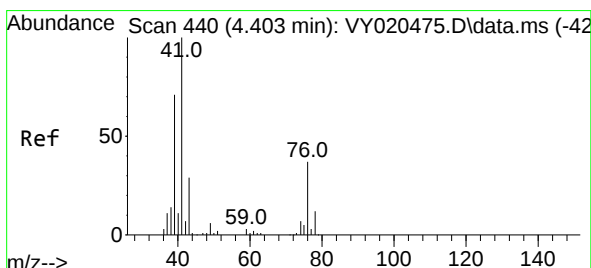
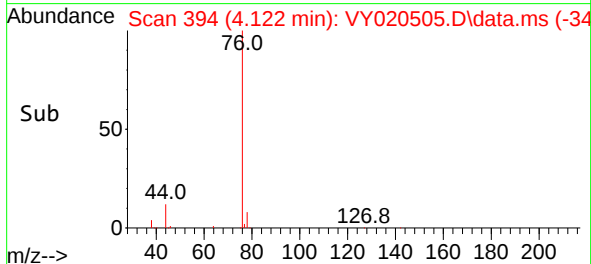
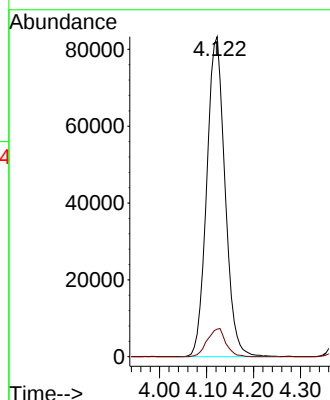
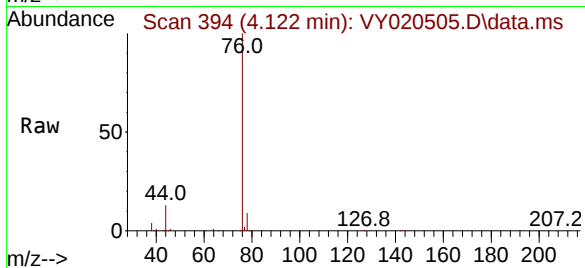
ClientSampleId :

Tgt Ion: 76 Resp: 224518

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



#18

Methyl Acetate

Concen: 47.976 ug/l

RT: 4.403 min Scan# 440

Delta R.T. -0.000 min

Lab File: VY020505.D

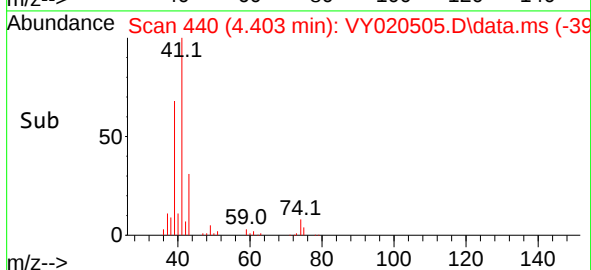
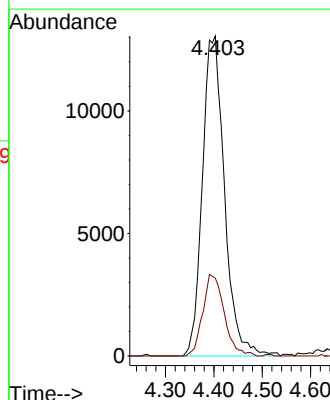
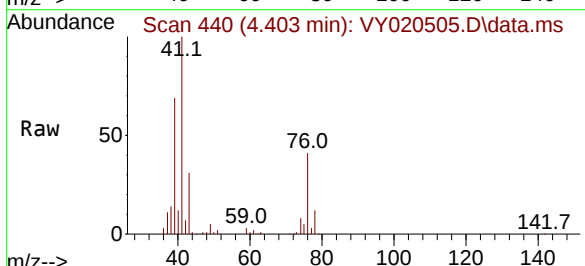
Acq: 04 Dec 2024 10:07

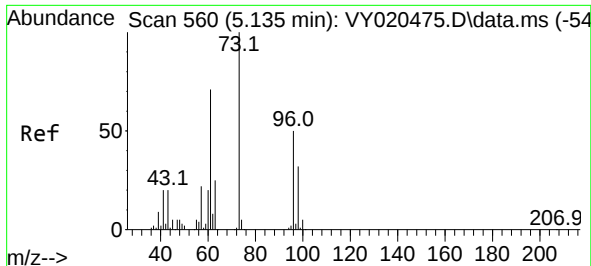
Tgt Ion: 43 Resp: 41439

Ion Ratio Lower Upper

43 100

74 24.6 18.6 27.8

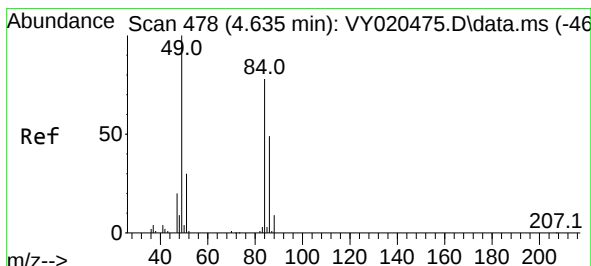
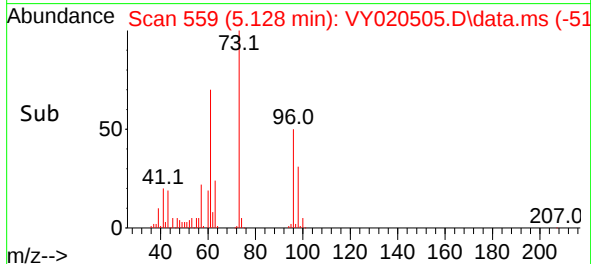
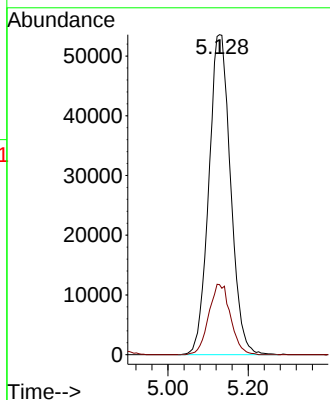
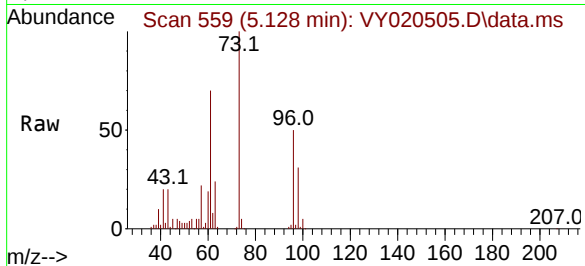




#19
Methyl tert-butyl Ether
Concen: 47.309 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

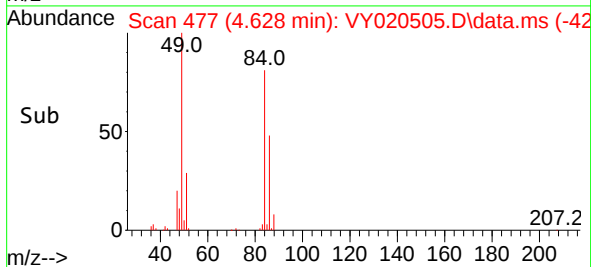
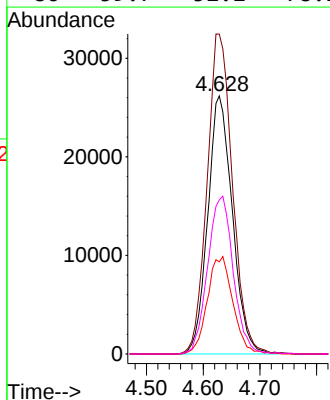
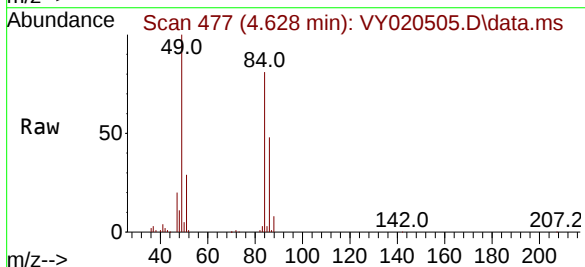
Instrument :
MSVOA_Y
ClientSampleId :

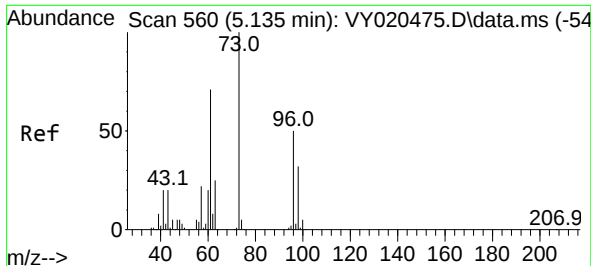
Tgt Ion: 73 Resp: 201552
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 45.704 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

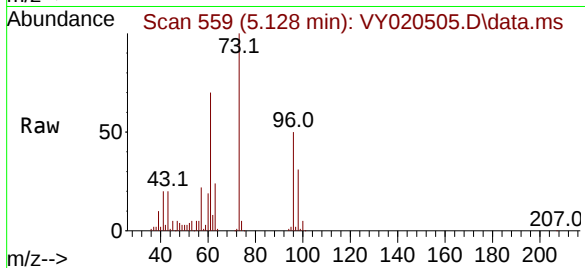
Tgt Ion: 84 Resp: 79010
Ion Ratio Lower Upper
84 100
49 124.0 104.7 157.1
51 35.7 33.4 50.0
86 59.7 52.2 78.2



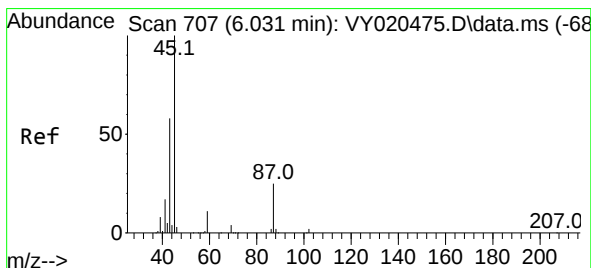
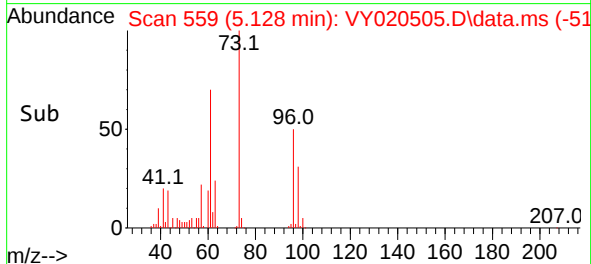
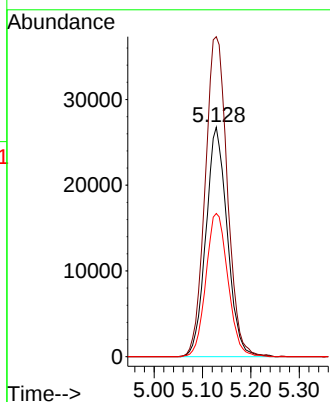


#21
trans-1,2-Dichloroethene
Concen: 44.390 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :

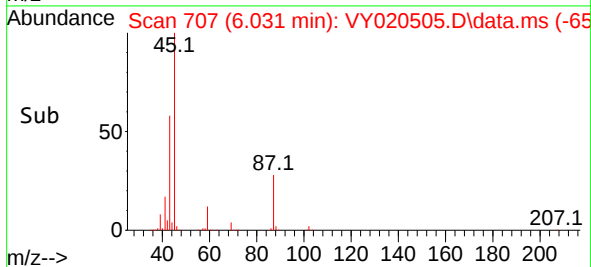
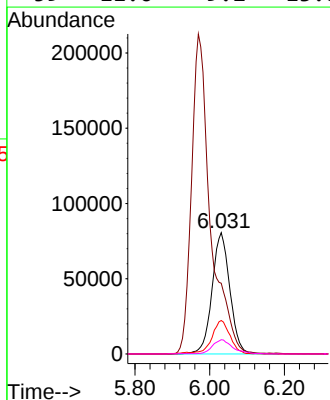
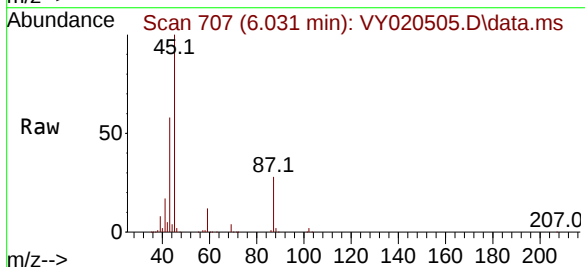


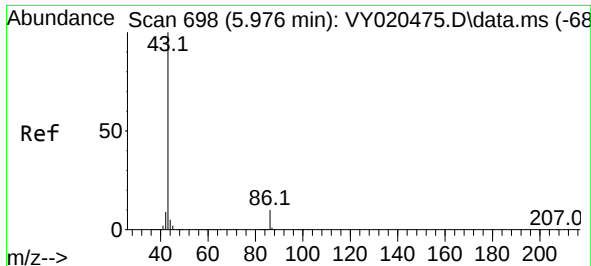
Tgt Ion: 96 Resp: 82250
Ion Ratio Lower Upper
96 100
61 139.5 111.6 167.4
98 62.5 46.7 70.1



#22
Diisopropyl ether
Concen: 45.061 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 45 Resp: 266602
Ion Ratio Lower Upper
45 100
43 57.6 44.8 67.2
87 27.6 20.6 30.8
59 11.6 9.2 13.8

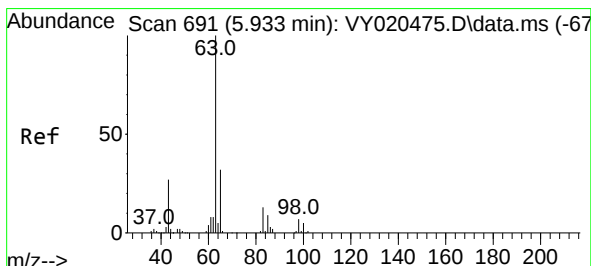
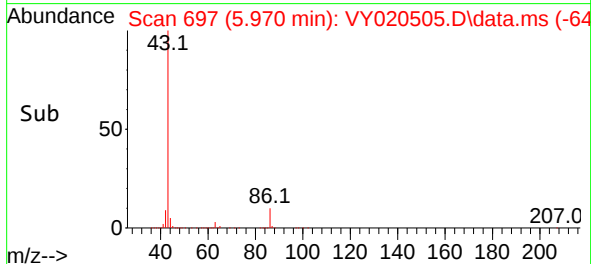
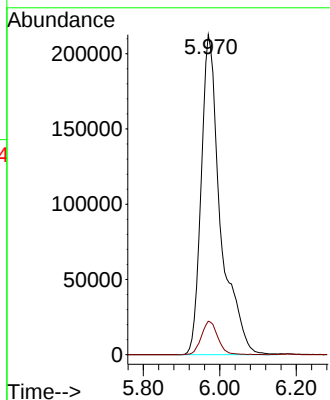
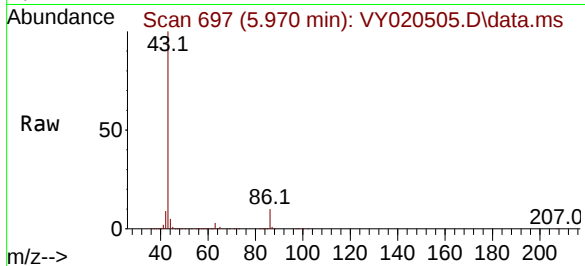




#23
 Vinyl Acetate
 Concen: 238.658 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020505.D
 Acq: 04 Dec 2024 10:07

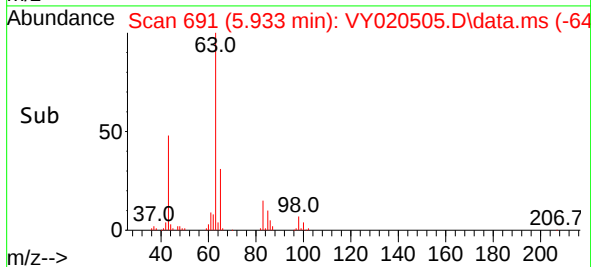
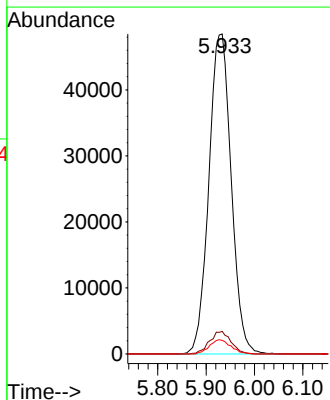
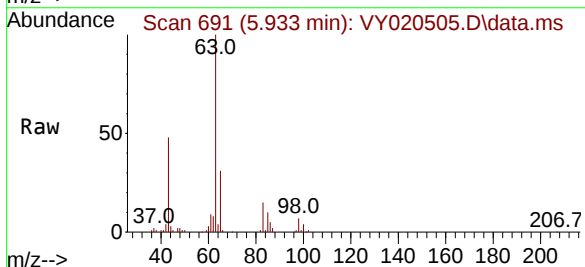
Instrument :
 MSVOA_Y
 ClientSampleId :

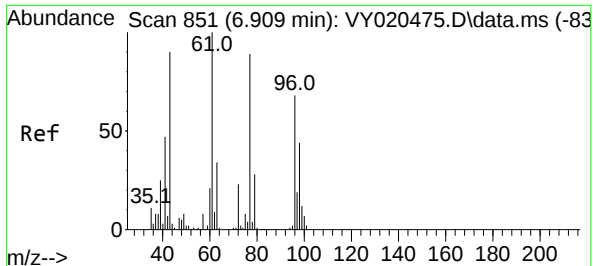
Tgt Ion: 43 Resp: 746865
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 43.669 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY020505.D
 Acq: 04 Dec 2024 10:07

Tgt Ion: 63 Resp: 155547
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 257.190 ug/l

RT: 6.902 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

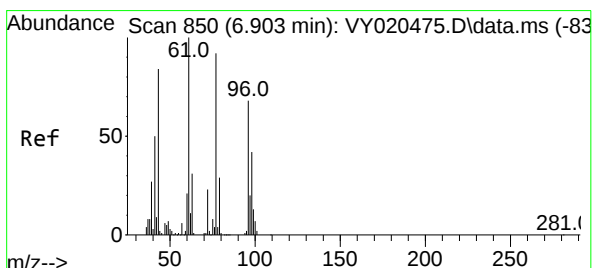
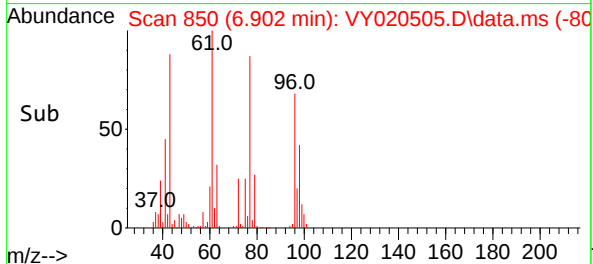
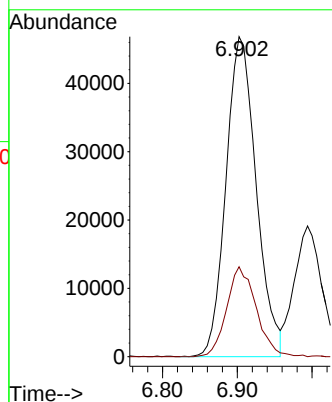
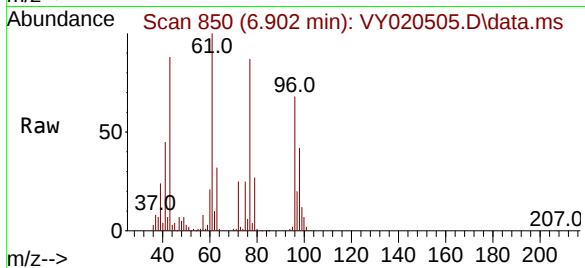
ClientSampleId :

Tgt Ion: 43 Resp: 131980

Ion Ratio Lower Upper

43 100

72 28.1 20.4 30.6



#26

2,2-Dichloropropane

Concen: 43.581 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020505.D

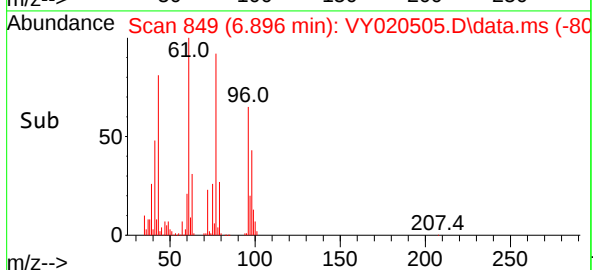
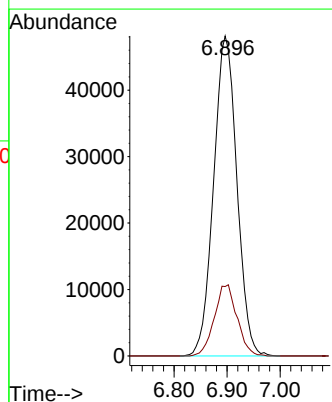
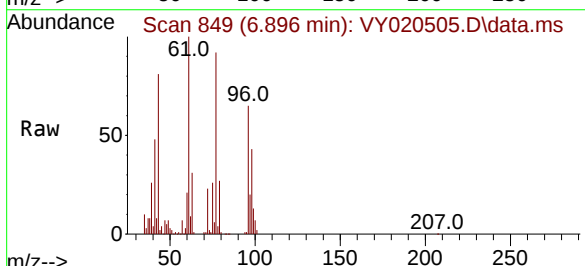
Acq: 04 Dec 2024 10:07

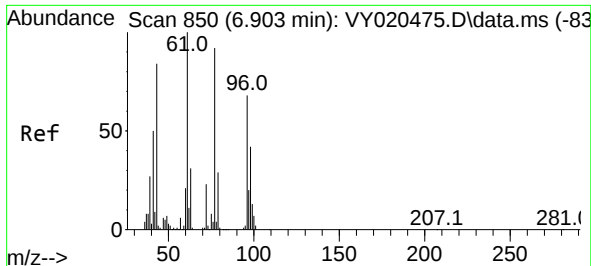
Tgt Ion: 77 Resp: 146824

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 45.184 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

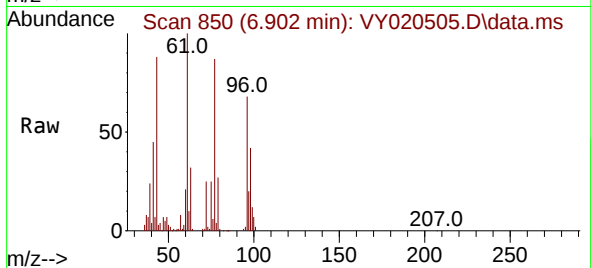
Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :



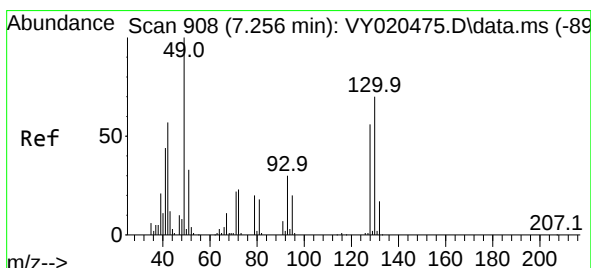
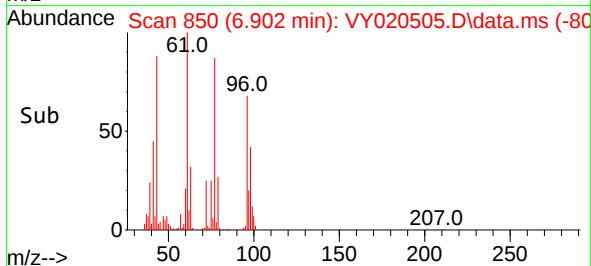
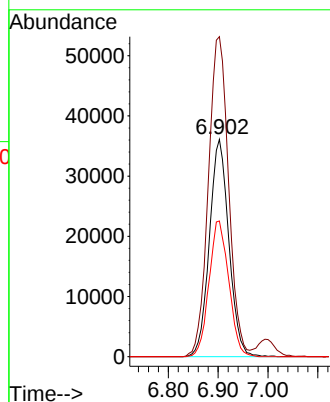
Tgt Ion: 96 Resp: 97760

Ion Ratio Lower Upper

96 100

61 153.5 0.0 312.4

98 63.5 0.0 126.8



#28

Bromochloromethane

Concen: 53.659 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

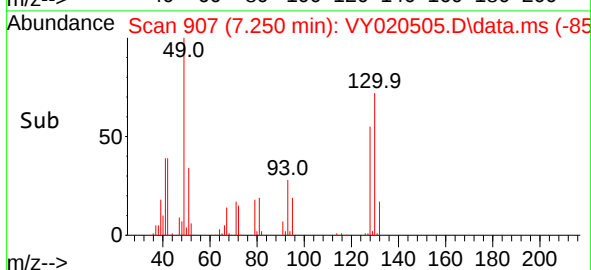
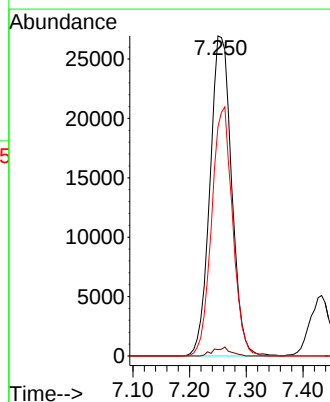
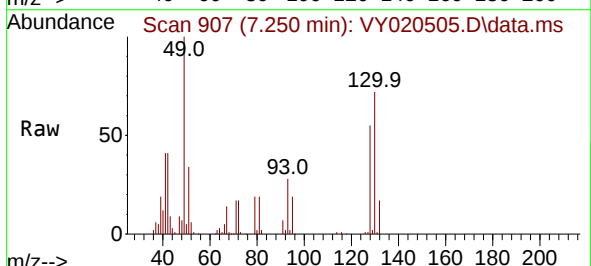
Tgt Ion: 49 Resp: 71375

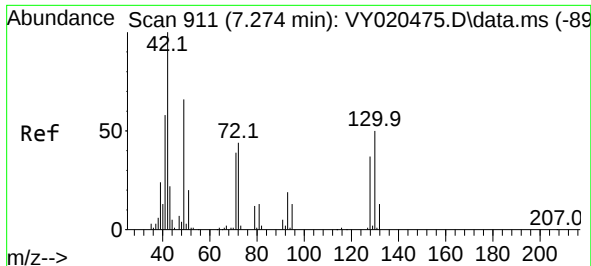
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 75.2 55.0 82.6





#29

Tetrahydrofuran

Concen: 241.231 ug/l

RT: 7.274 min Scan# 911

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

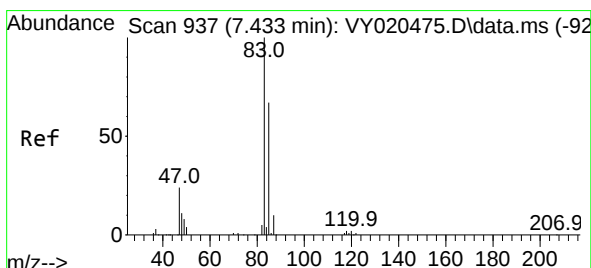
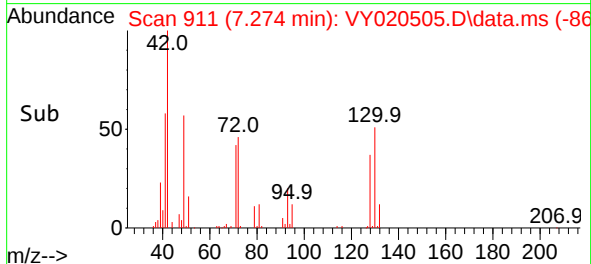
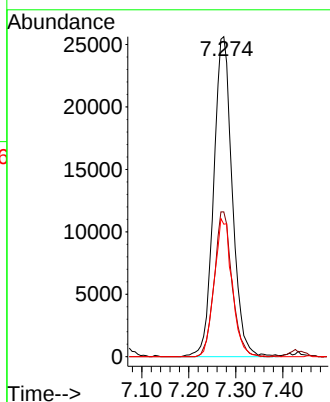
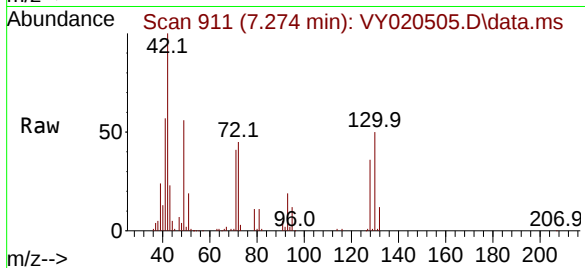
Tgt Ion: 42 Resp: 70621

Ion Ratio Lower Upper

42 100

72 43.3 33.4 50.0

71 41.3 31.9 47.9



#30

Chloroform

Concen: 43.866 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY020505.D

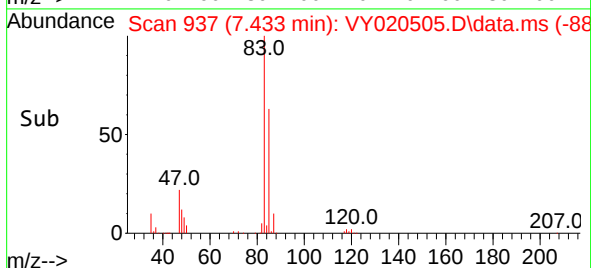
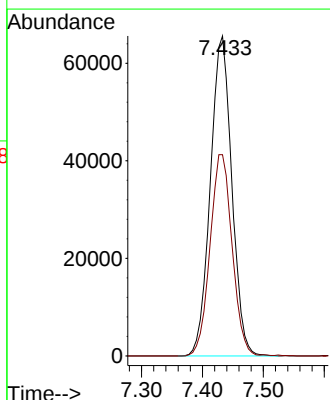
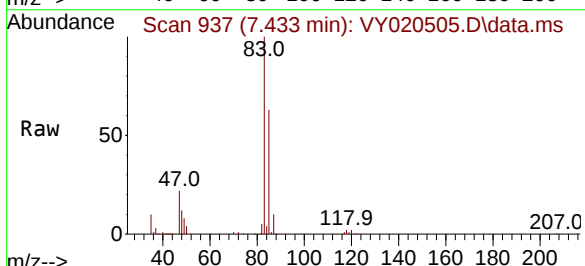
Acq: 04 Dec 2024 10:07

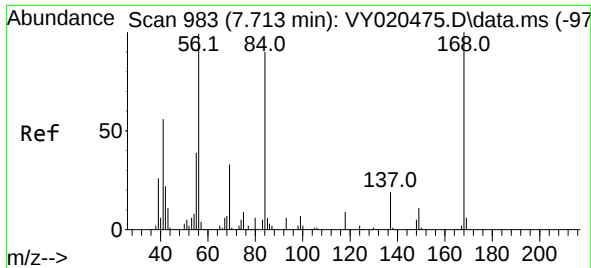
Tgt Ion: 83 Resp: 160362

Ion Ratio Lower Upper

83 100

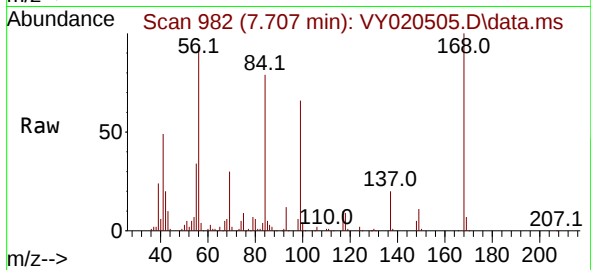
85 62.9 50.3 75.5



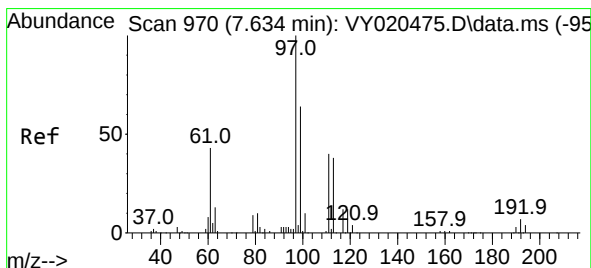
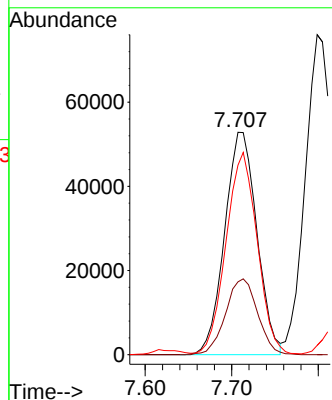
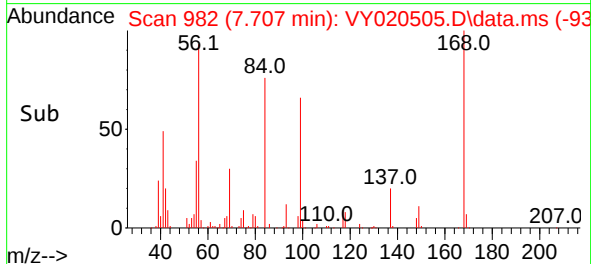


#31
Cyclohexane
Concen: 42.485 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :

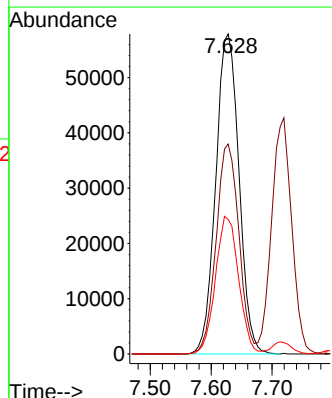
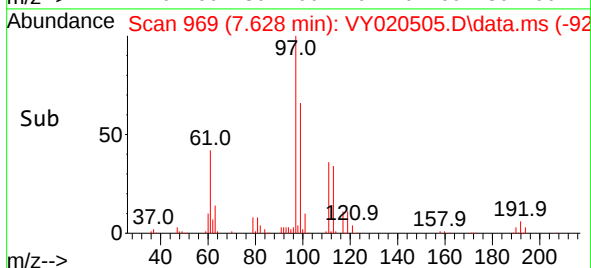
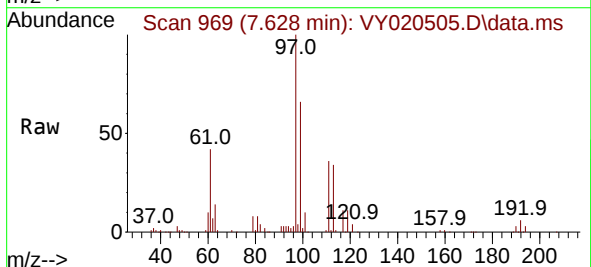


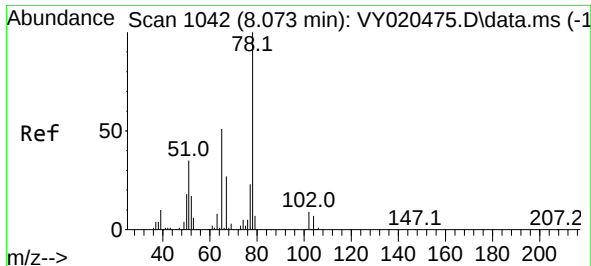
Tgt Ion: 56 Resp: 136809
Ion Ratio Lower Upper
56 100
69 32.7 25.3 37.9
84 83.7 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 43.553 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 97 Resp: 153311
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 42.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

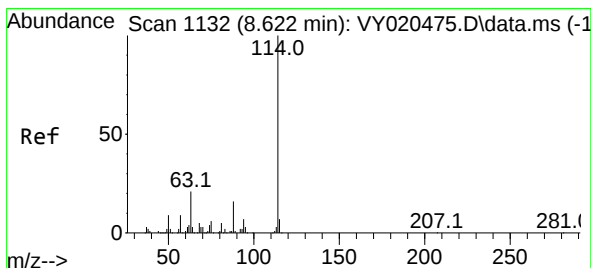
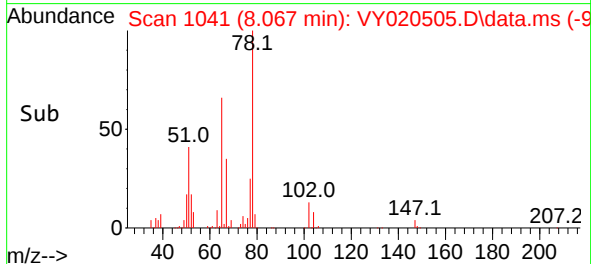
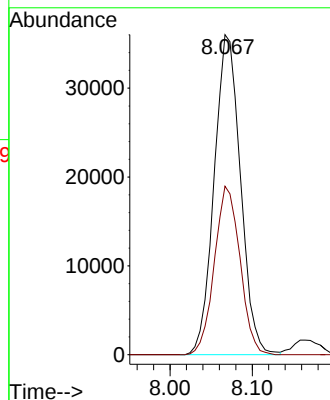
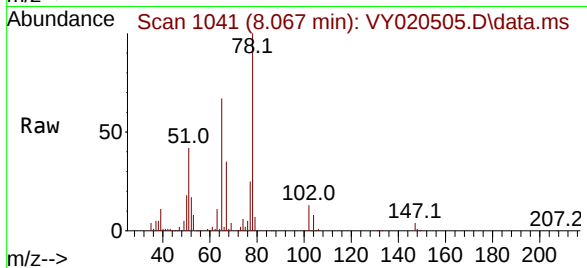
ClientSampleId :

Tgt Ion: 65 Resp: 80145

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

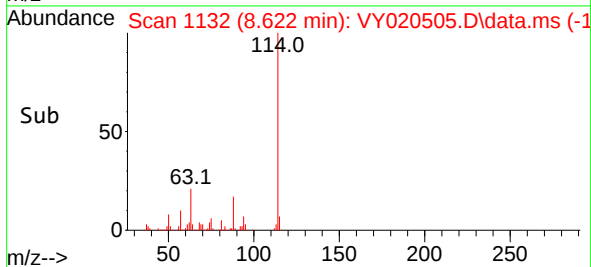
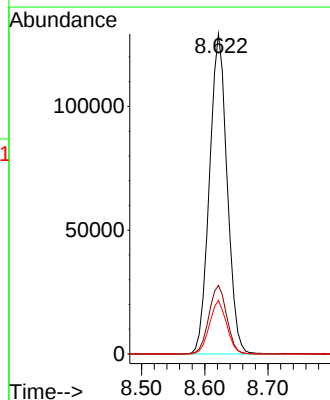
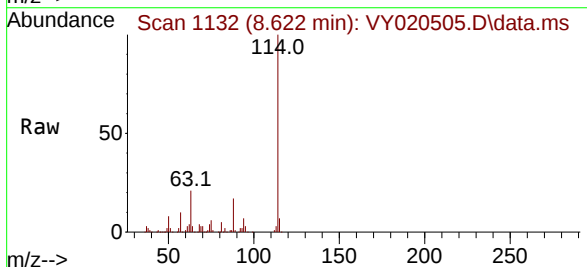
Tgt Ion: 114 Resp: 250928

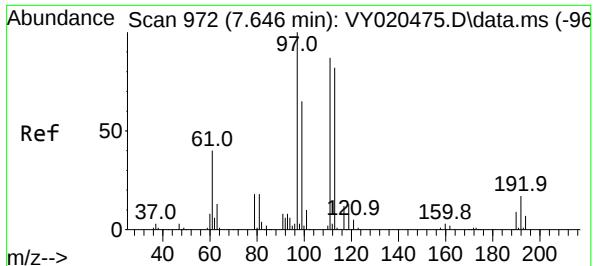
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 16.7 0.0 32.0

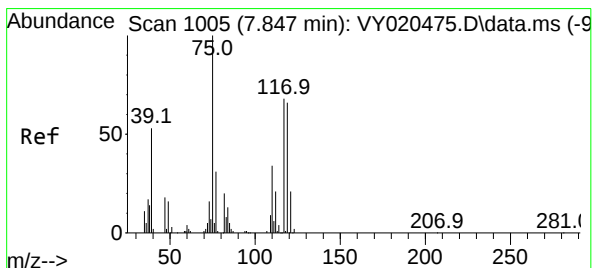
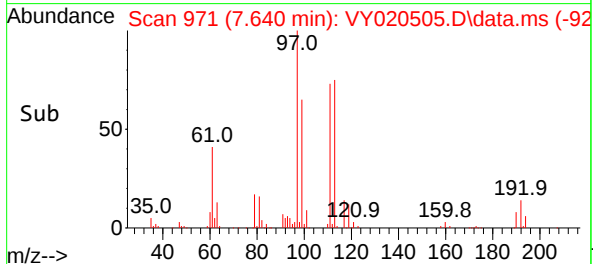
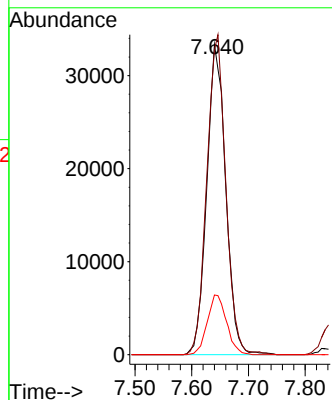
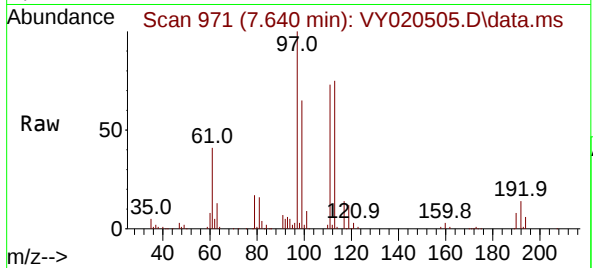




#35
Dibromofluoromethane
Concen: 49.043 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

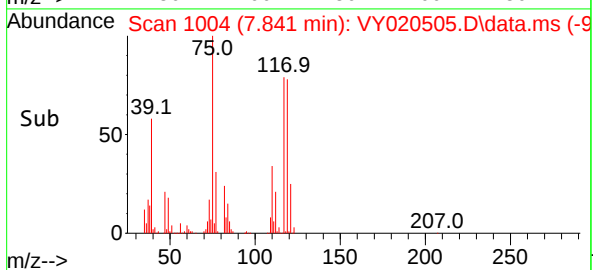
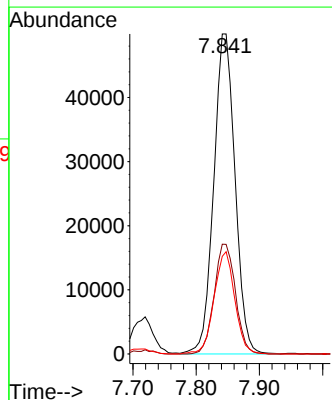
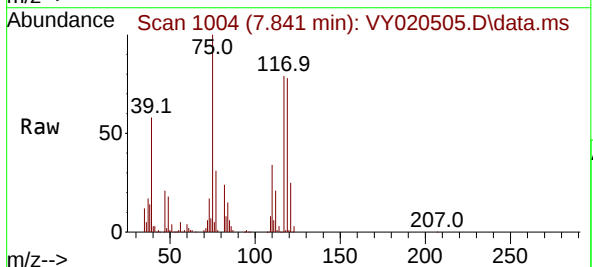
Instrument :
MSVOA_Y
ClientSampleId :

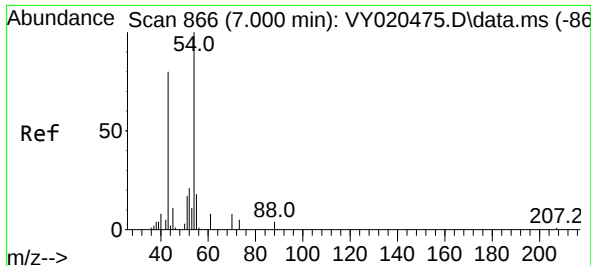
Tgt Ion:113 Resp: 77473
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 43.750 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 75 Resp: 116711
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.0
77 31.0 24.6 36.8

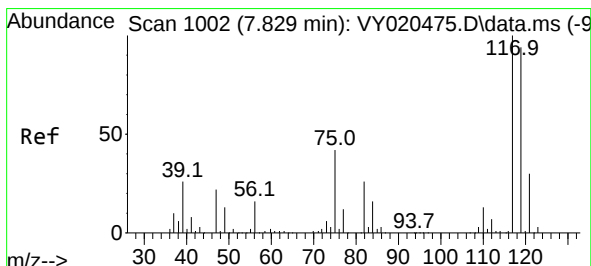
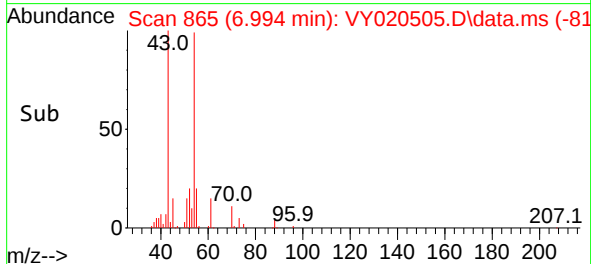
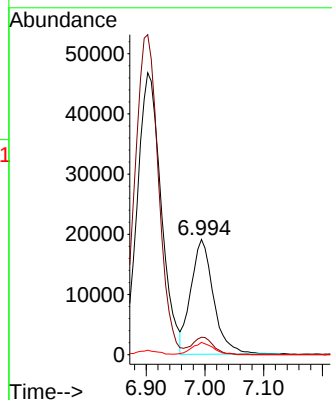
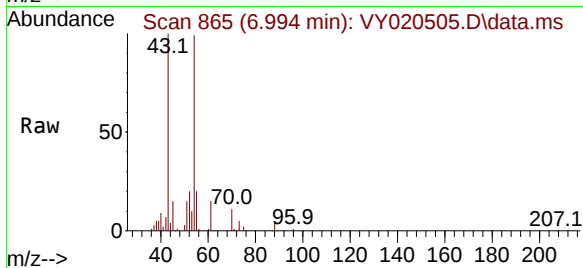




#37
Ethyl Acetate
Concen: 48.269 ug/l
RT: 6.994 min Scan# 81
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

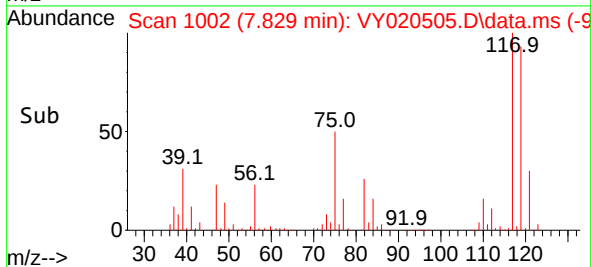
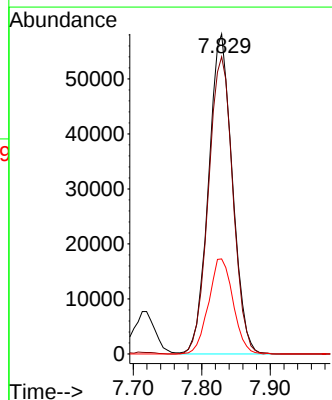
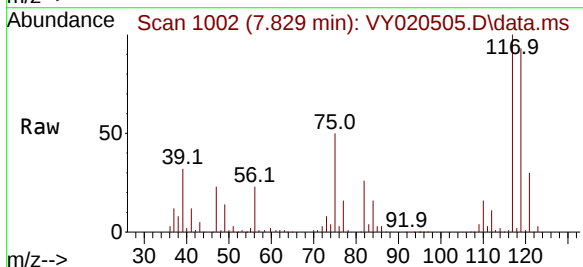
Instrument :
MSVOA_Y
ClientSampleId :

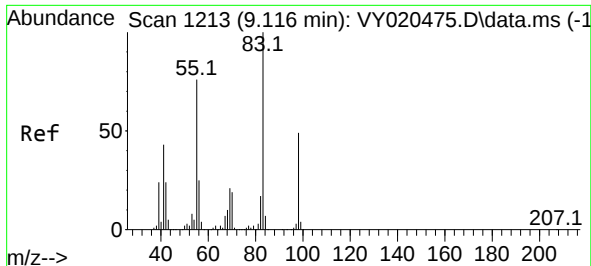
Tgt Ion: 43 Resp: 51014
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 10.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 44.159 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 117 Resp: 140598
Ion Ratio Lower Upper
117 100
119 92.9 77.8 116.6
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 44.690 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

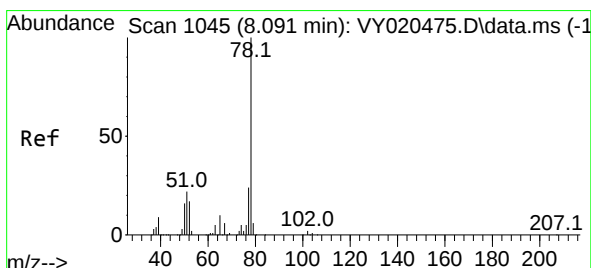
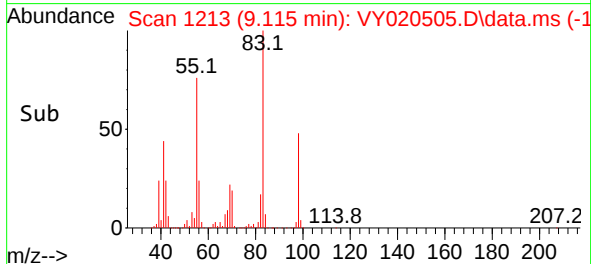
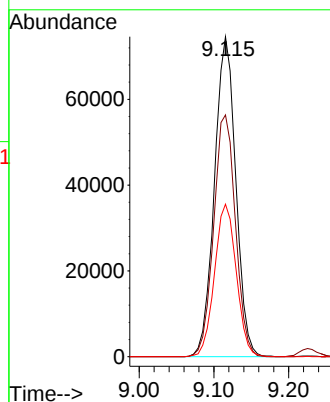
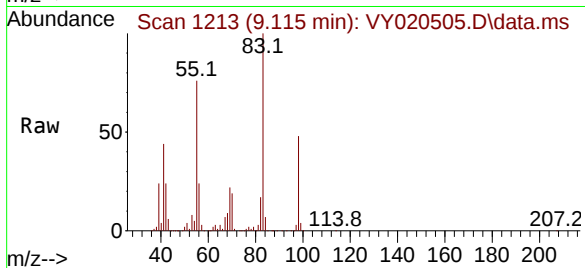
Tgt Ion: 83 Resp: 147936

Ion Ratio Lower Upper

83 100

55 75.5 62.6 93.8

98 47.6 37.0 55.4



#40

Benzene

Concen: 43.939 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020505.D

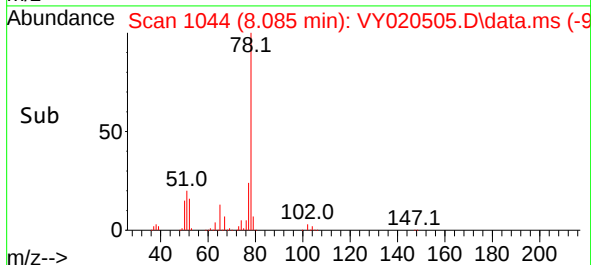
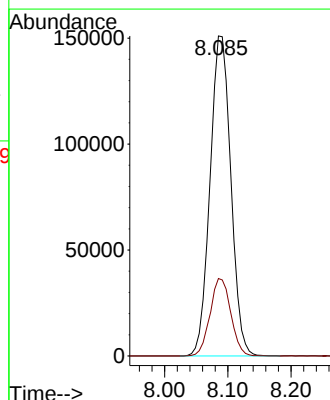
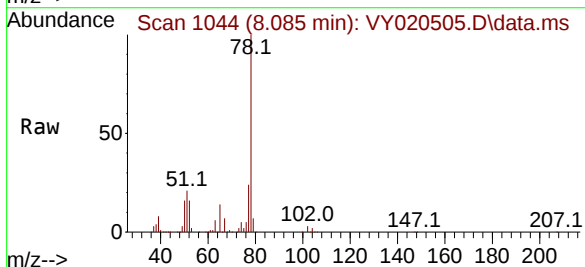
Acq: 04 Dec 2024 10:07

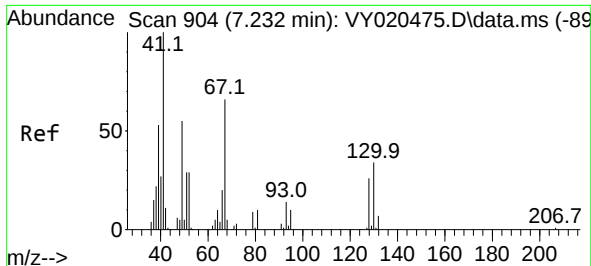
Tgt Ion: 78 Resp: 345596

Ion Ratio Lower Upper

78 100

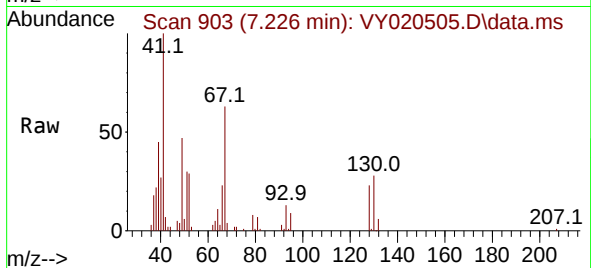
77 24.2 19.4 29.0



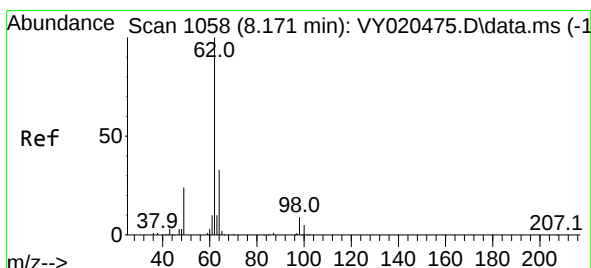
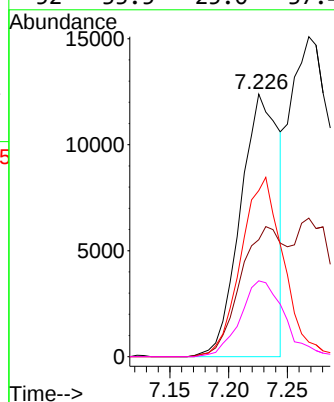
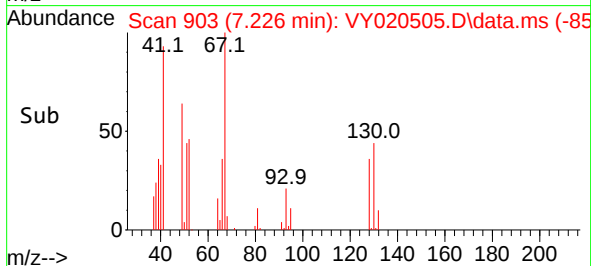


#41
Methacrylonitrile
Concen: 46.802 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :

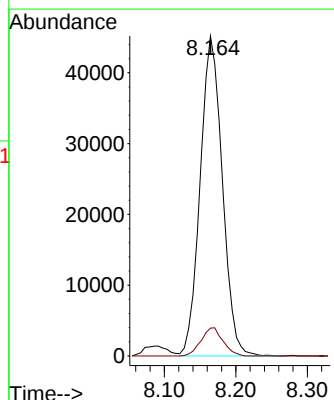
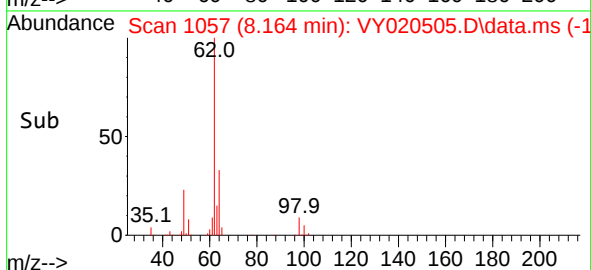
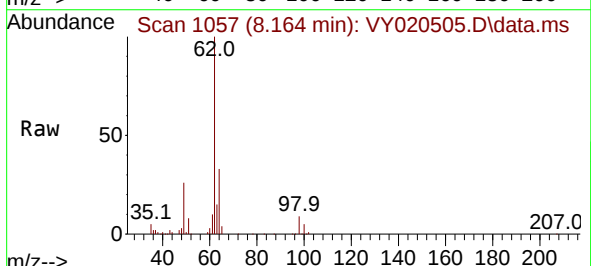


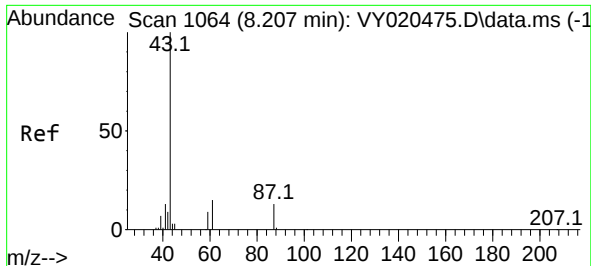
Tgt Ion:	41	Resp:	28119
Ion	Ratio	Lower	Upper
41	100		
39	58.1	49.0	73.4
67	76.1	57.1	85.7
52	33.5	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.057 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:	62	Resp:	97254
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

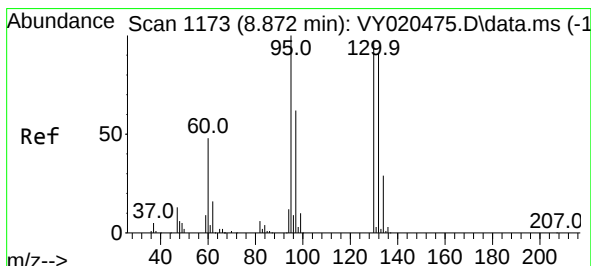
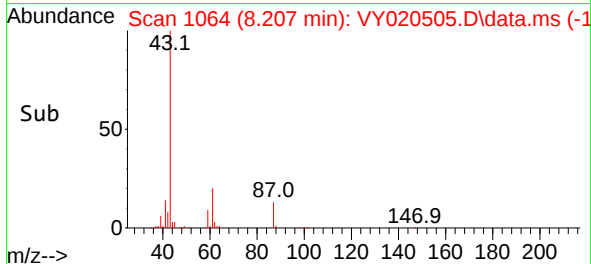
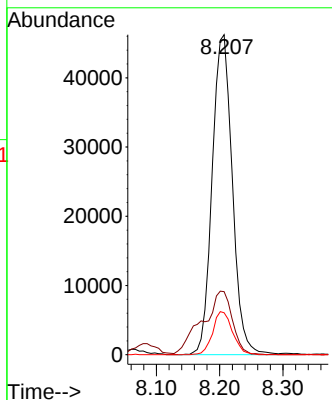
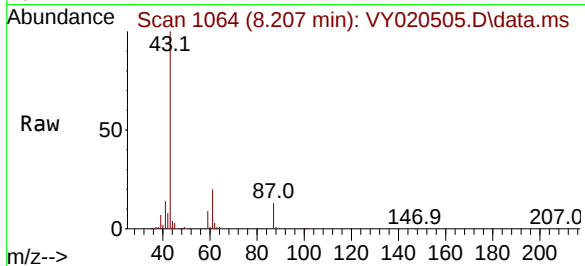




#43
Isopropyl Acetate
Concen: 47.877 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

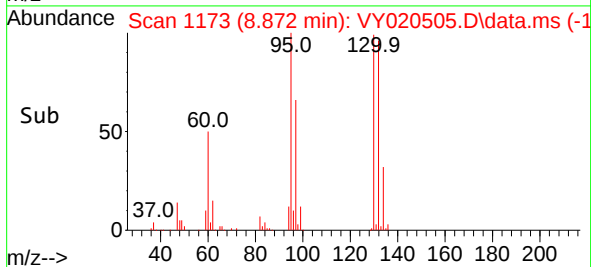
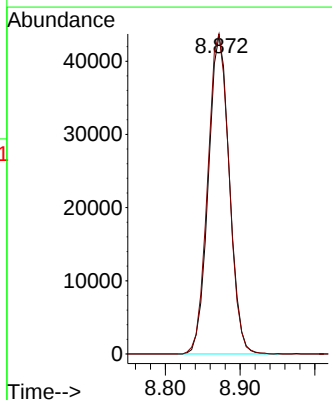
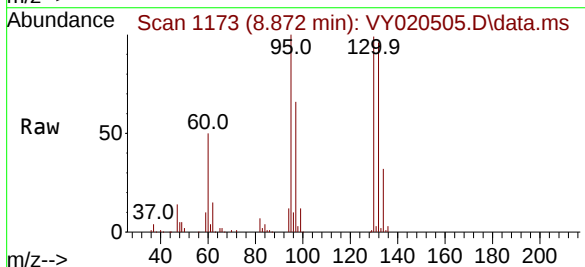
Instrument :
MSVOA_Y
ClientSampleId :

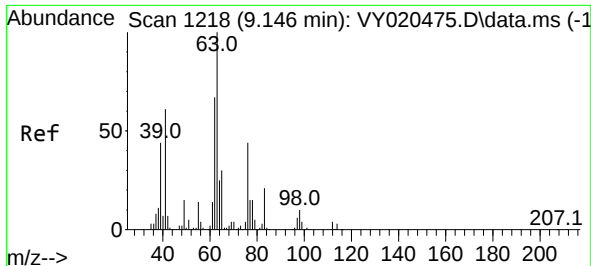
Tgt Ion: 43 Resp: 102175
Ion Ratio Lower Upper
43 100
61 29.4 22.8 34.2
87 13.2 9.6 14.4



#44
Trichloroethene
Concen: 43.981 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:130 Resp: 85278
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 43.713 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

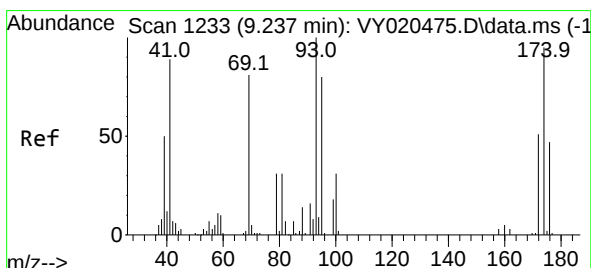
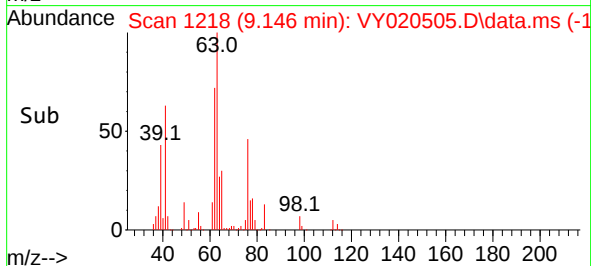
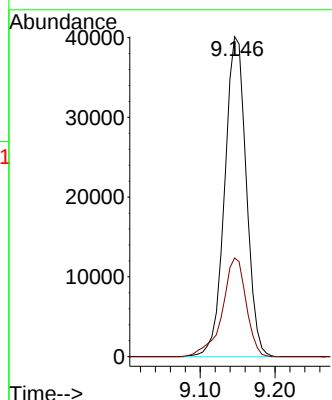
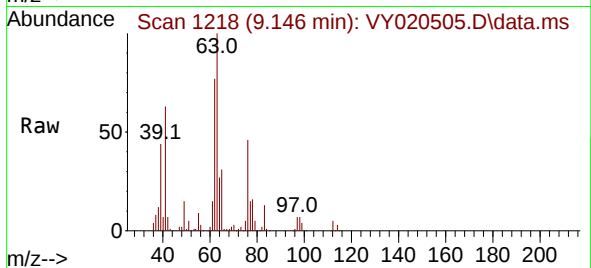
ClientSampleId :

Tgt Ion: 63 Resp: 80456

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.4



#46

Dibromomethane

Concen: 46.810 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

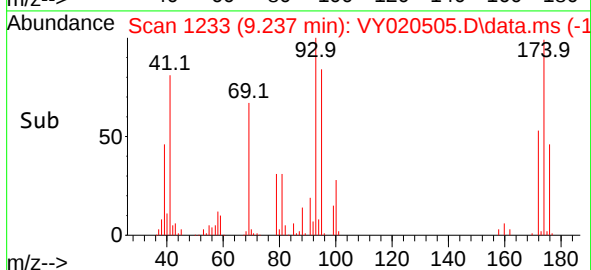
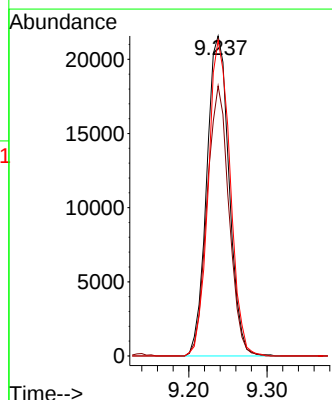
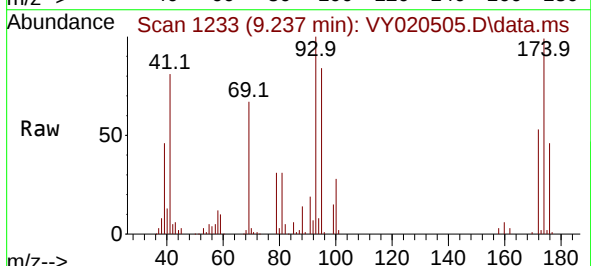
Tgt Ion: 93 Resp: 42658

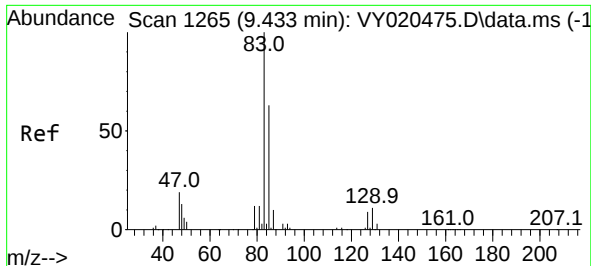
Ion Ratio Lower Upper

93 100

95 82.8 65.3 97.9

174 97.0 74.4 111.6

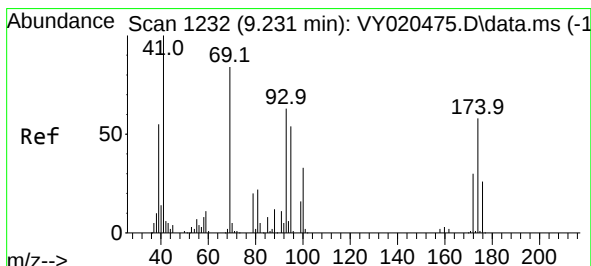
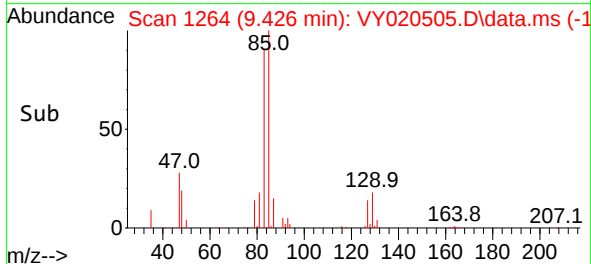
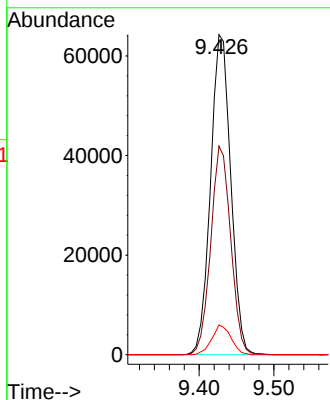
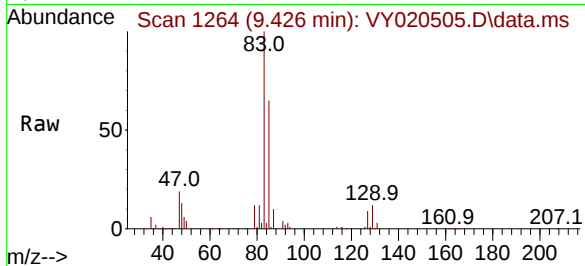




#47
Bromodichloromethane
Concen: 44.948 ug/l
RT: 9.426 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

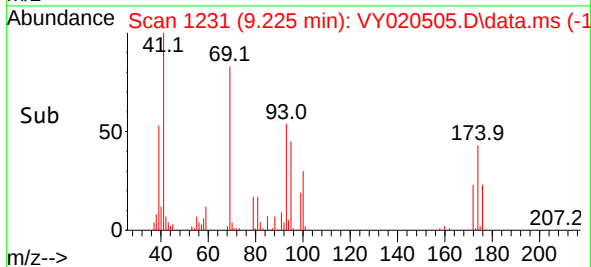
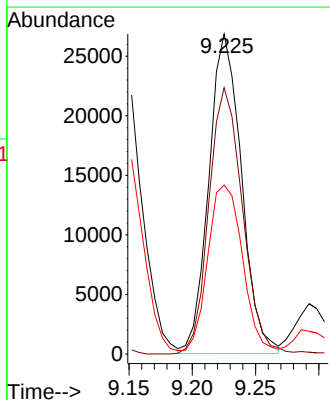
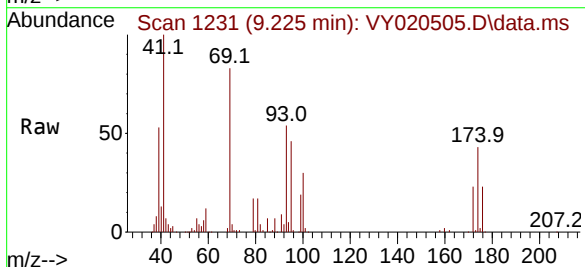
Instrument :
MSVOA_Y
ClientSampleId :

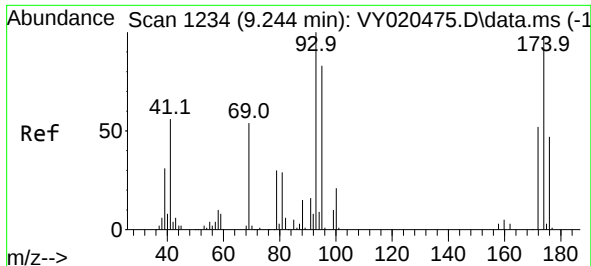
Tgt Ion: 83 Resp: 120683
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 48.474 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 41 Resp: 48240
Ion Ratio Lower Upper
41 100
69 85.7 66.1 99.1
39 54.4 46.0 69.0





#49

1,4-Dioxane

Concen: 898.547 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

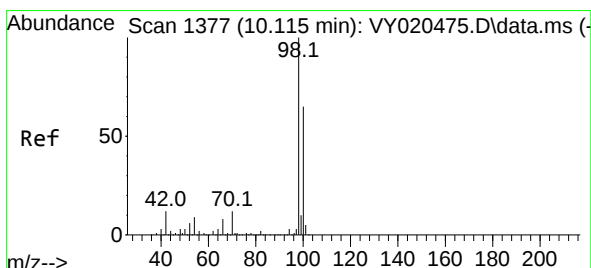
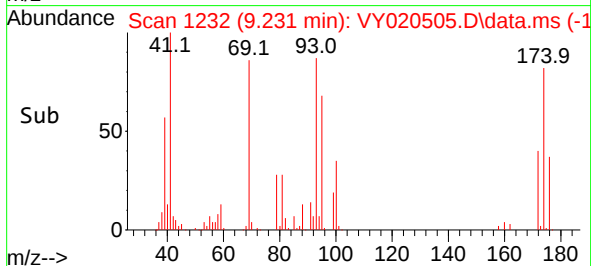
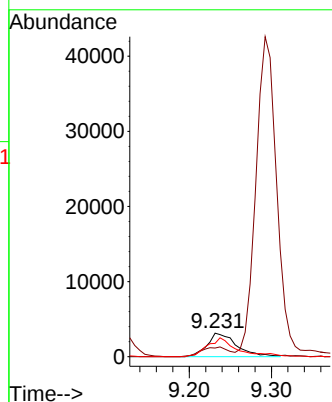
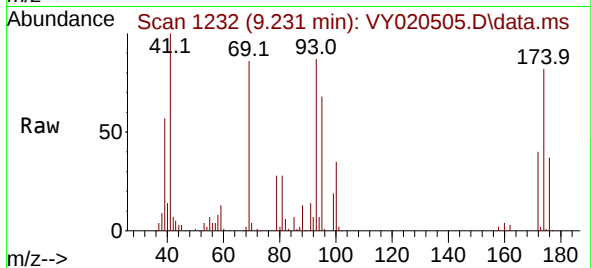
Tgt Ion: 88 Resp: 7827

Ion Ratio Lower Upper

88 100

43 37.9 24.6 37.0#

58 82.2 59.6 89.4



#50

Toluene-d8

Concen: 48.152 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020505.D

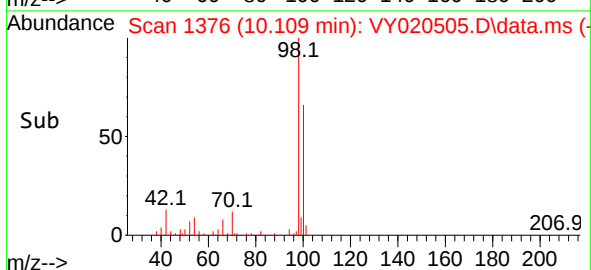
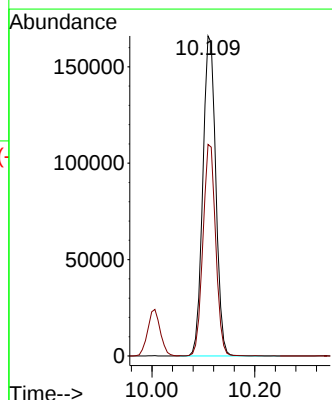
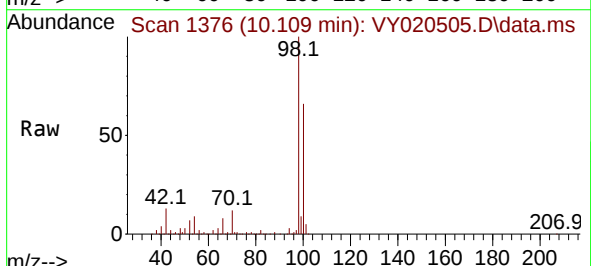
Acq: 04 Dec 2024 10:07

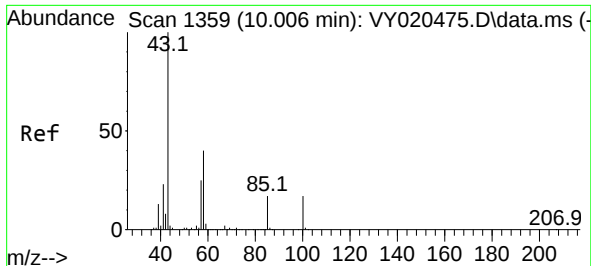
Tgt Ion: 98 Resp: 289646

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9

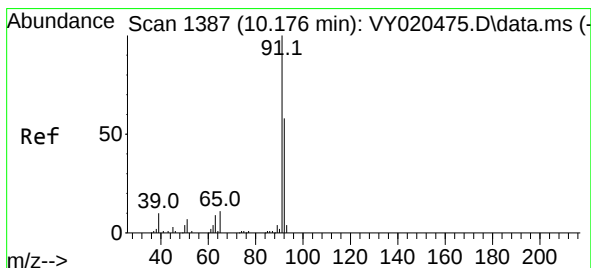
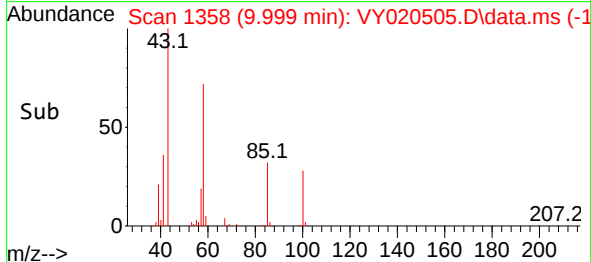
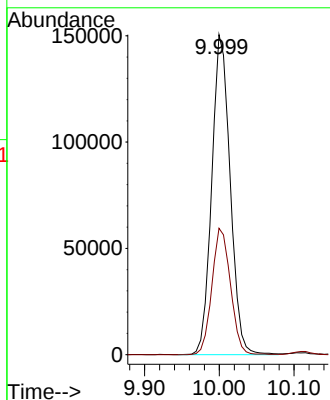
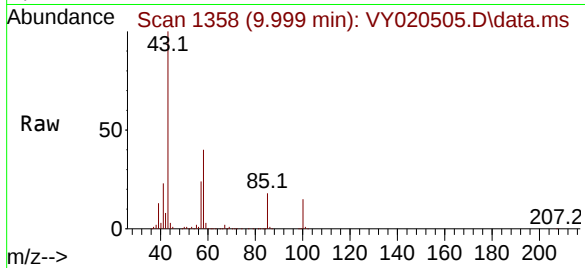




#51
4-Methyl-2-Pentanone
Concen: 244.543 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

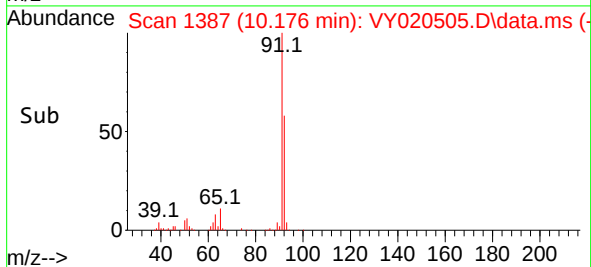
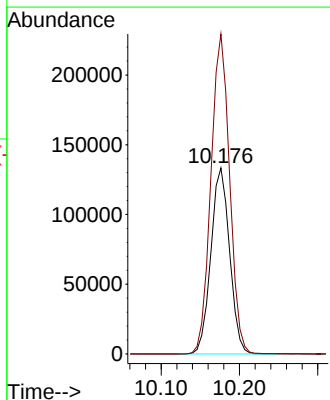
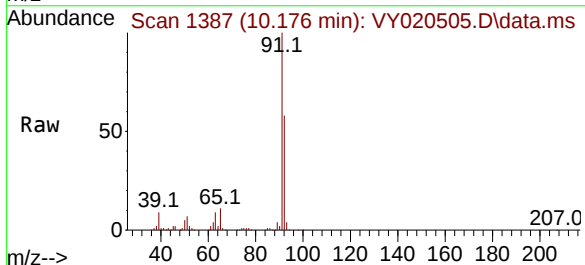
Instrument :
MSVOA_Y
ClientSampleId :

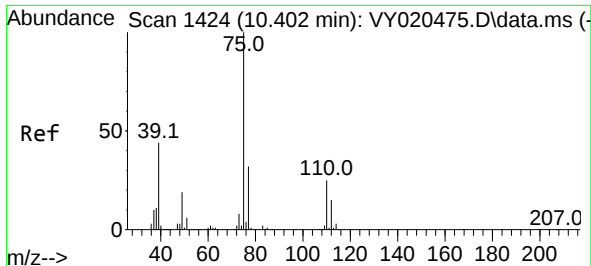
Tgt Ion: 43 Resp: 257732
Ion Ratio Lower Upper
43 100
58 39.8 30.9 46.3



#52
Toluene
Concen: 45.070 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 92 Resp: 221172
Ion Ratio Lower Upper
92 100
91 171.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 46.393 ug/l

RT: 10.396 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

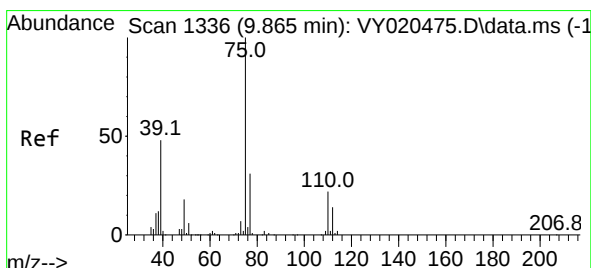
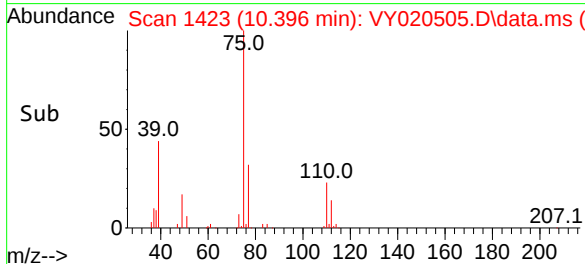
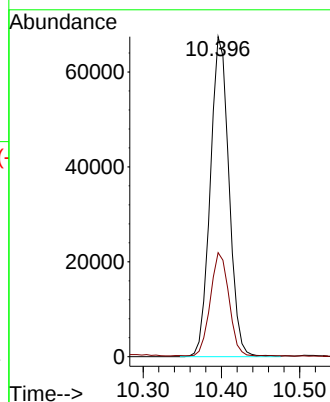
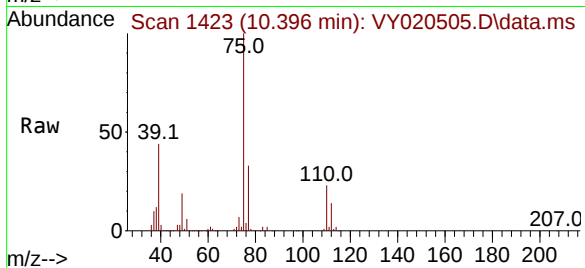
ClientSampleId :

Tgt Ion: 75 Resp: 111828

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 45.531 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

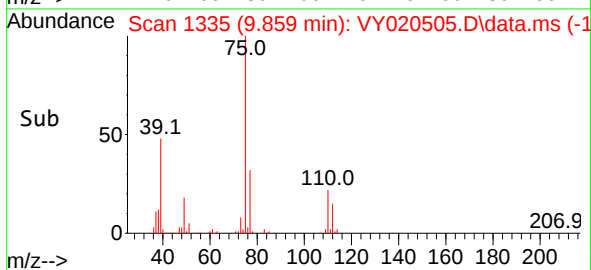
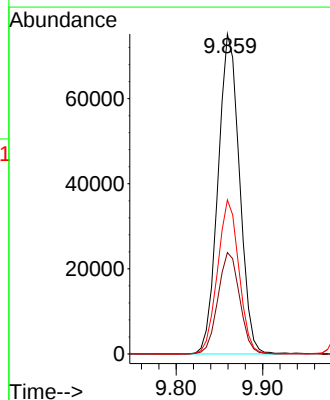
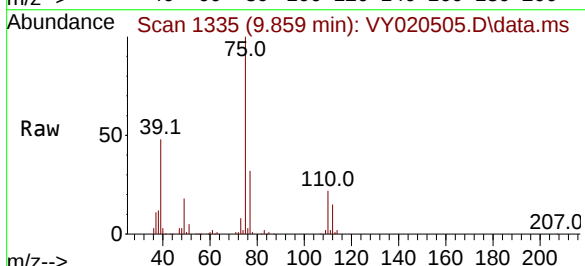
Tgt Ion: 75 Resp: 129705

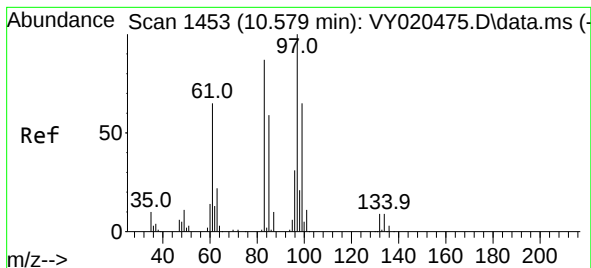
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 48.1 41.0 61.6

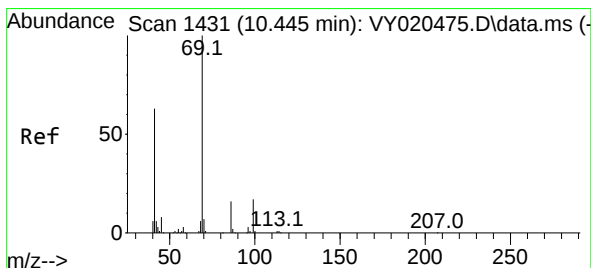
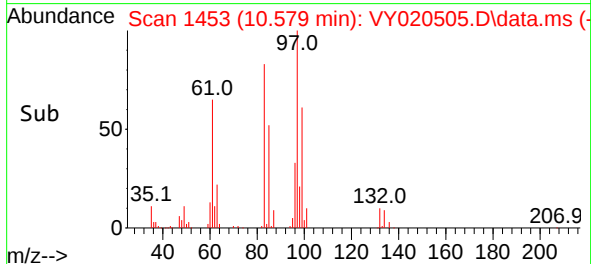
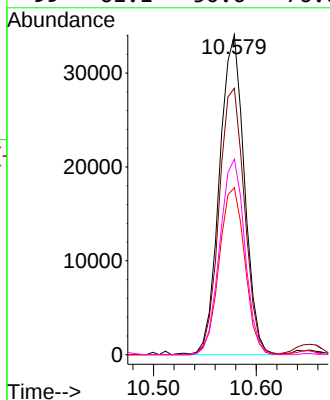
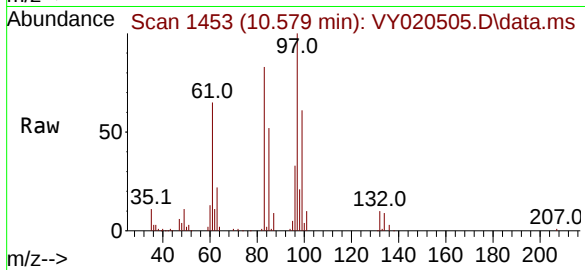




#55
1,1,2-Trichloroethane
Concen: 47.027 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

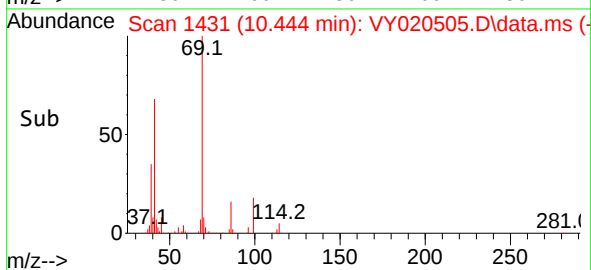
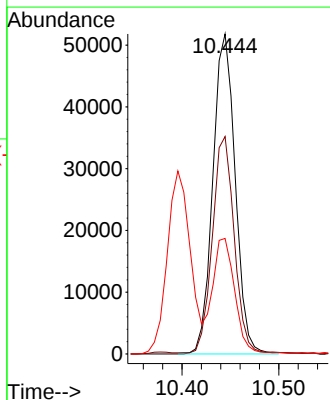
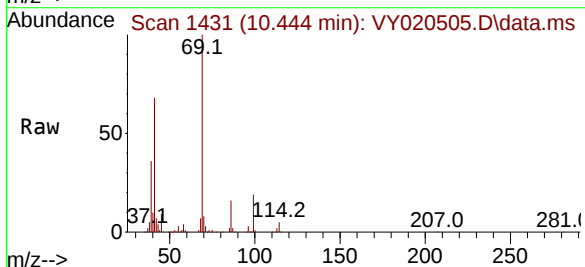
Instrument :
MSVOA_Y
ClientSampleId :

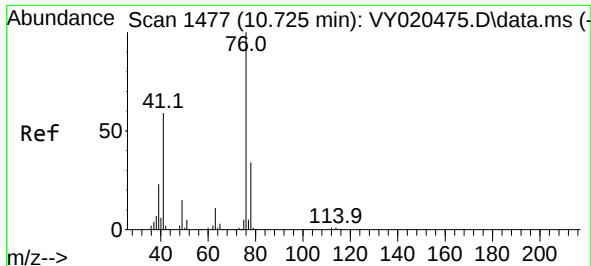
Tgt Ion:	97	Resp:	57168
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.8	106.2
85	52.2	44.9	67.3
99	61.1	50.6	76.0



#56
Ethyl methacrylate
Concen: 48.255 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:	69	Resp:	83002
Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.1	84.1
39	36.2	29.7	44.5





#57

1,3-Dichloropropane

Concen: 46.473 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

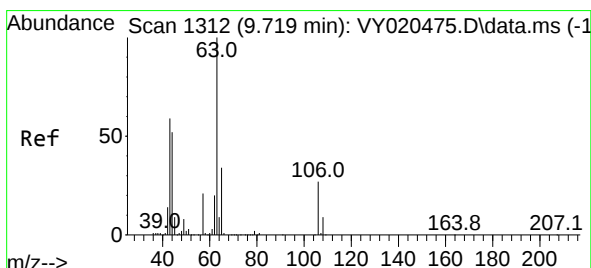
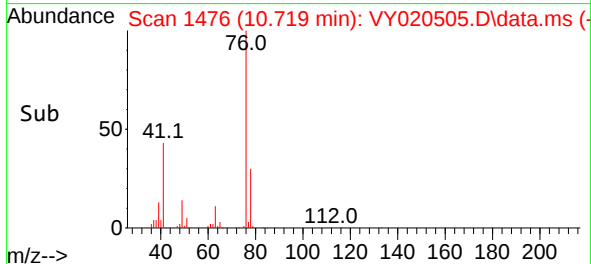
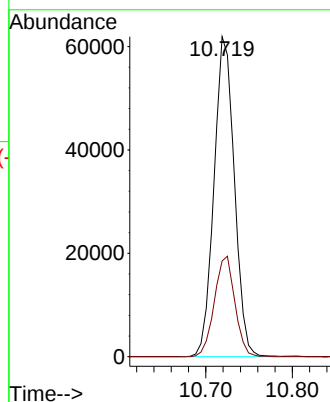
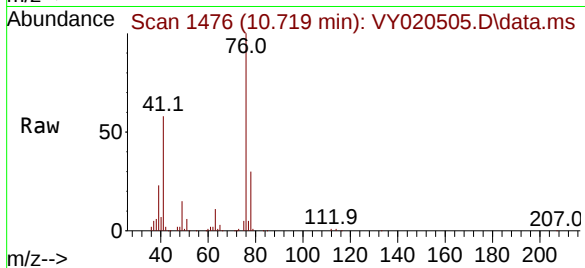
ClientSampleId :

Tgt Ion: 76 Resp: 101165

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 291.684 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020505.D

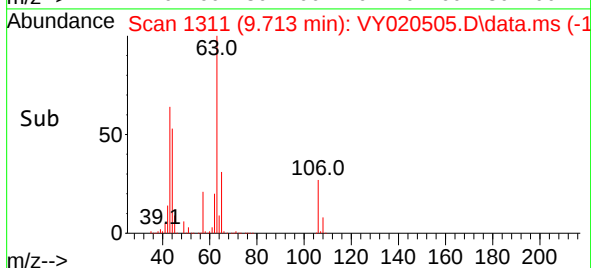
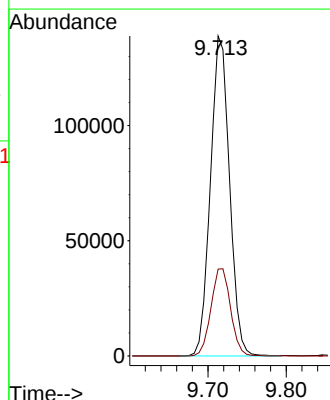
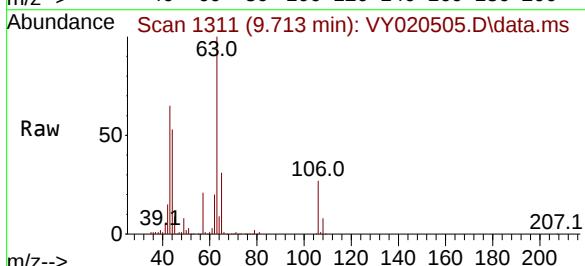
Acq: 04 Dec 2024 10:07

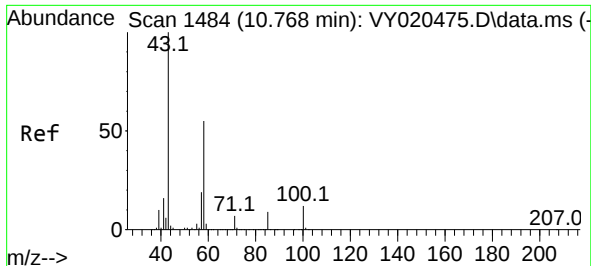
Tgt Ion: 63 Resp: 234906

Ion Ratio Lower Upper

63 100

106 27.9 21.0 31.4





#59

2-Hexanone

Concen: 259.310 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

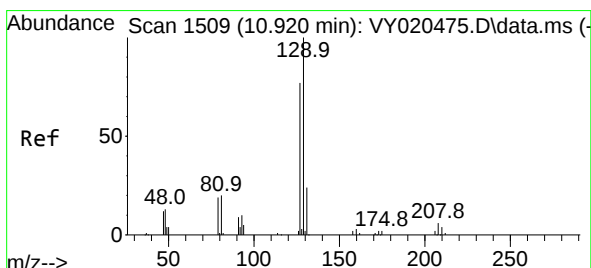
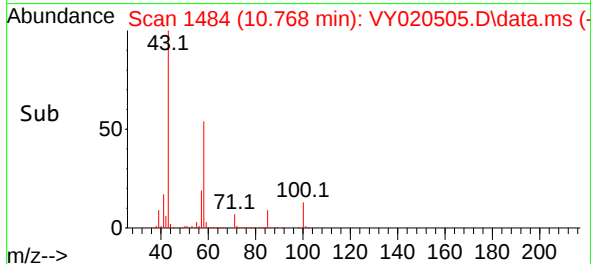
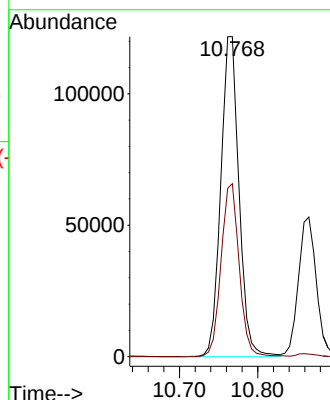
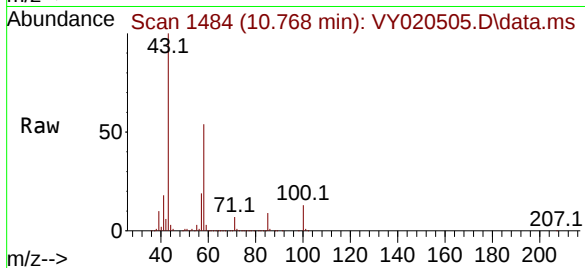
ClientSampleId :

Tgt Ion: 43 Resp: 197158

Ion Ratio Lower Upper

43 100

58 53.8 26.4 79.2



#60

Dibromochloromethane

Concen: 46.516 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VY020505.D

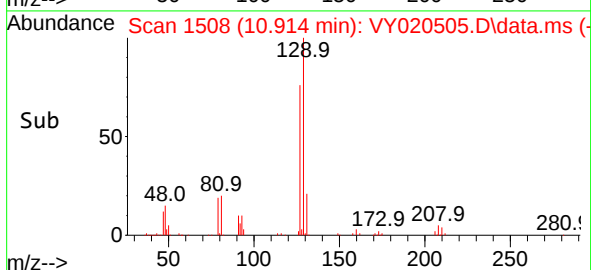
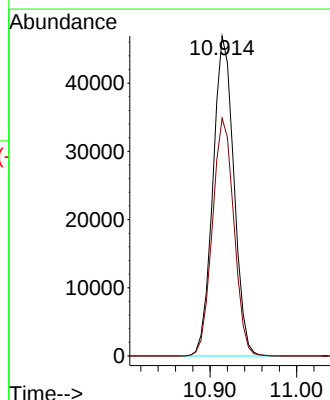
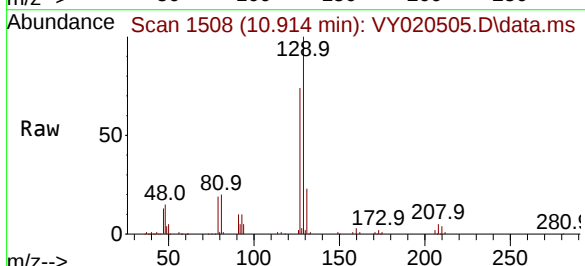
Acq: 04 Dec 2024 10:07

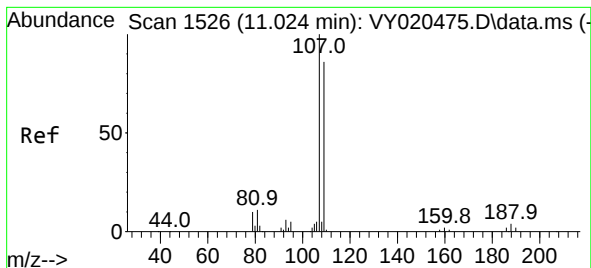
Tgt Ion: 129 Resp: 78727

Ion Ratio Lower Upper

129 100

127 76.2 38.3 114.9

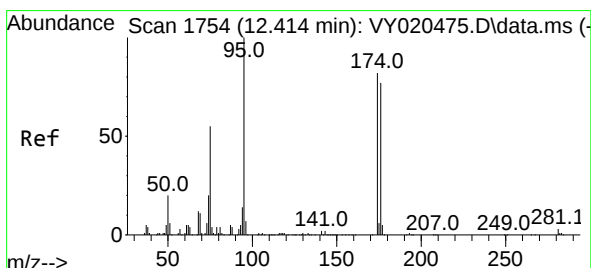
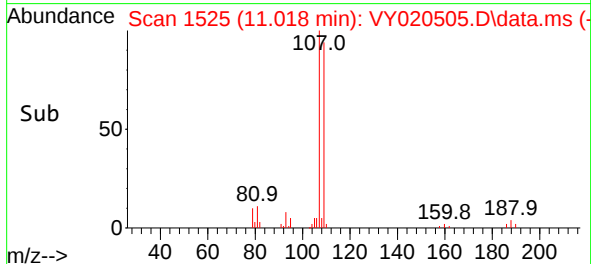
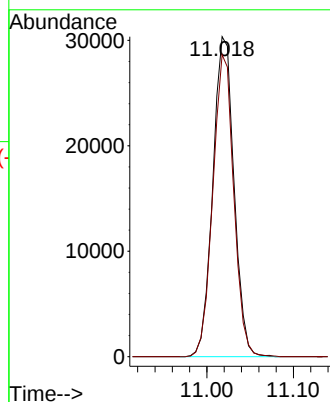
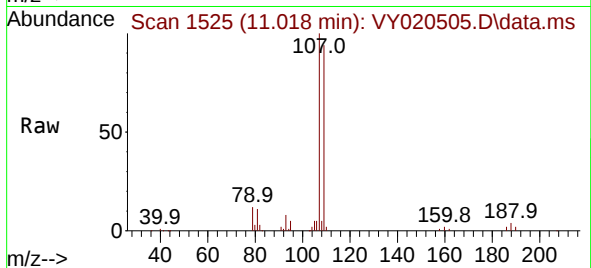




#61
1,2-Dibromoethane
Concen: 46.366 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

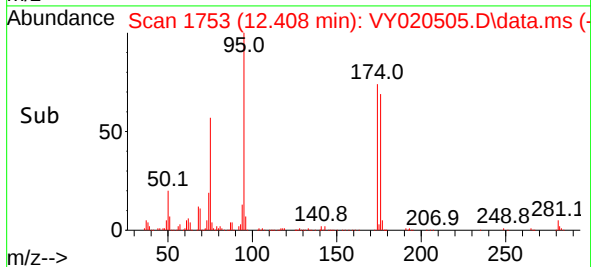
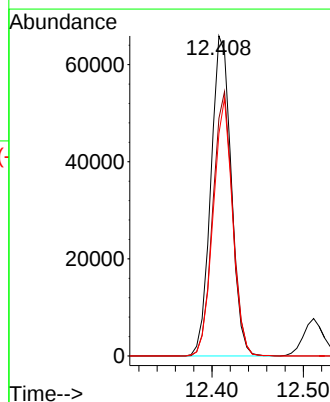
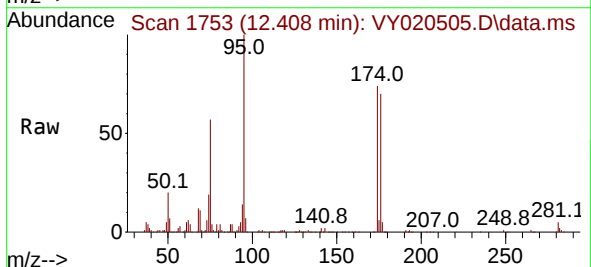
Instrument :
MSVOA_Y
ClientSampleId :

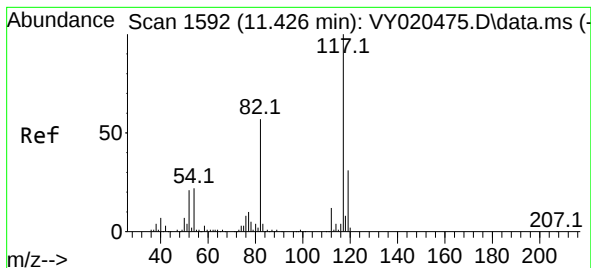
Tgt Ion:107 Resp: 51544
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.212 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 95 Resp: 101429
Ion Ratio Lower Upper
95 100
174 80.9 0.0 156.8
176 77.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

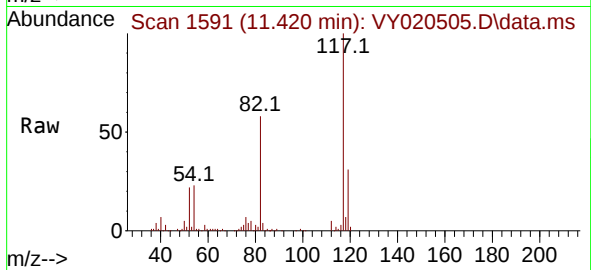
Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :



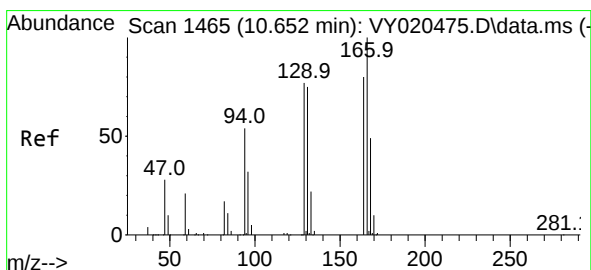
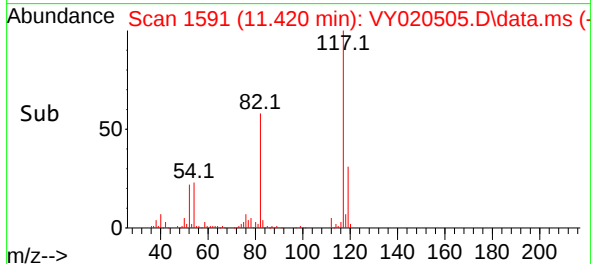
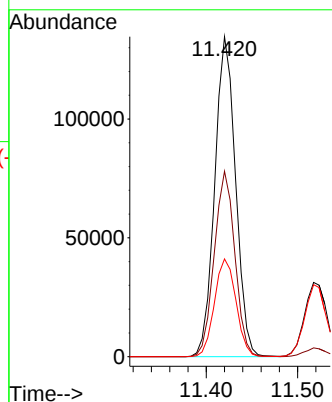
Tgt Ion:117 Resp: 213221

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

119 30.5 25.8 38.8



#64

Tetrachloroethene

Concen: 42.276 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Tgt Ion:164 Resp: 76167

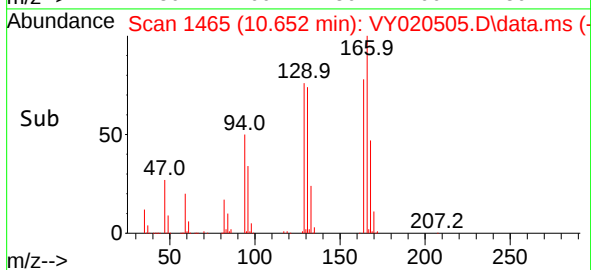
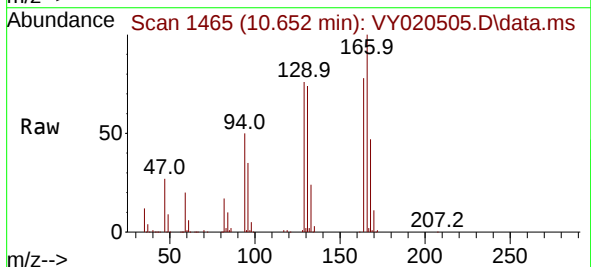
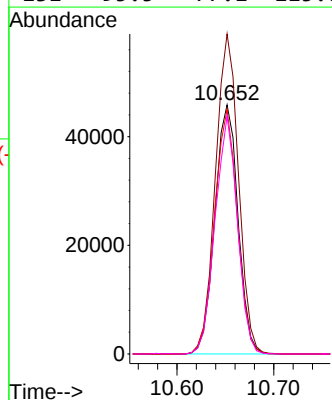
Ion Ratio Lower Upper

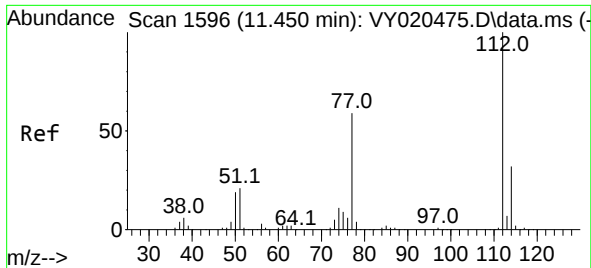
164 100

166 128.5 103.8 155.8

129 98.1 79.0 118.4

131 95.5 77.1 115.7

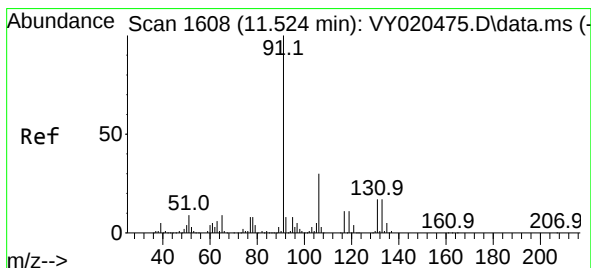
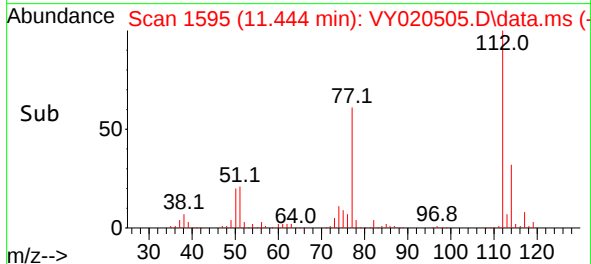
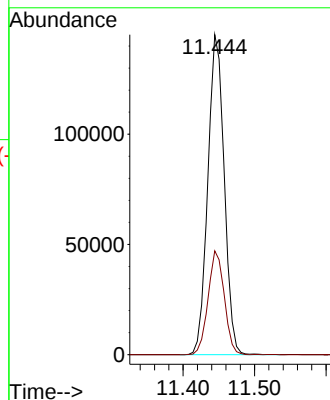
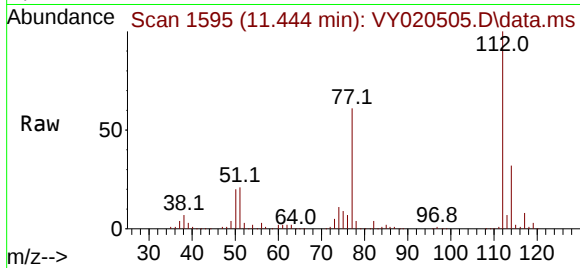




#65
Chlorobenzene
Concen: 43.185 ug/l
RT: 11.444 min Scan# 1596
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

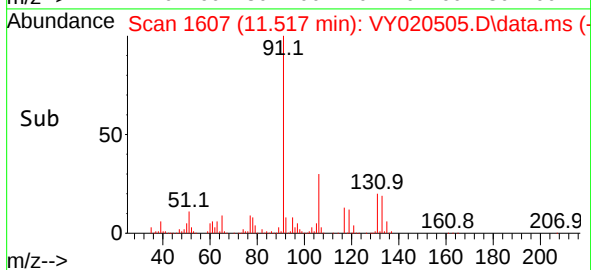
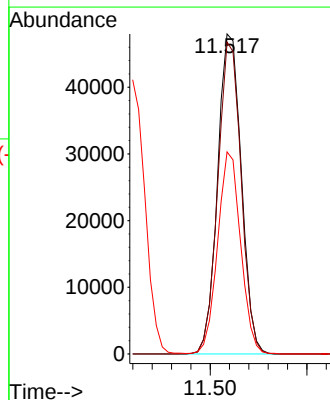
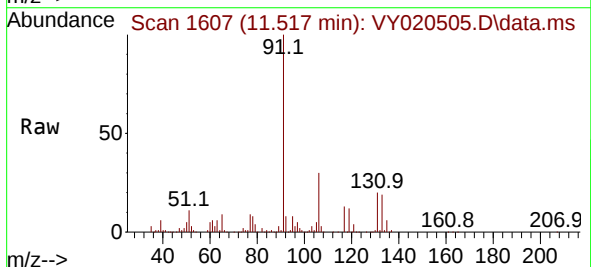
Instrument :
MSVOA_Y
ClientSampleId :

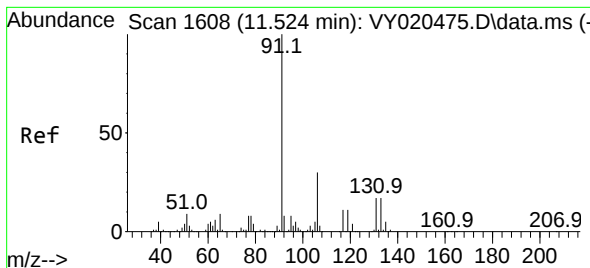
Tgt Ion:112 Resp: 230800
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 42.967 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:131 Resp: 81439
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 61.6 32.5 97.5





#67

Ethyl Benzene

Concen: 42.878 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

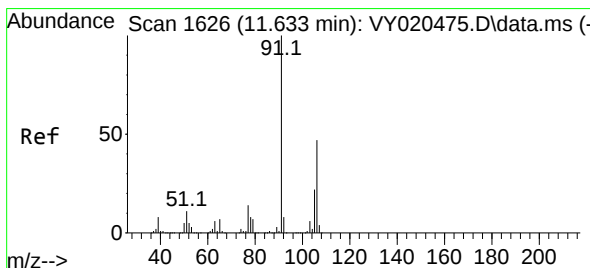
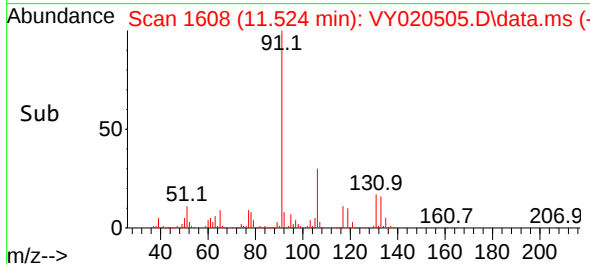
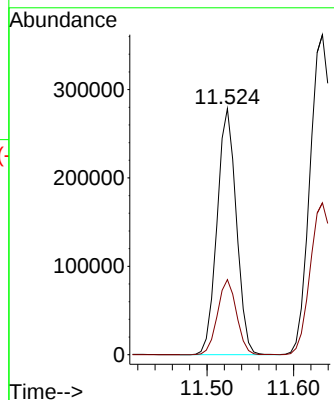
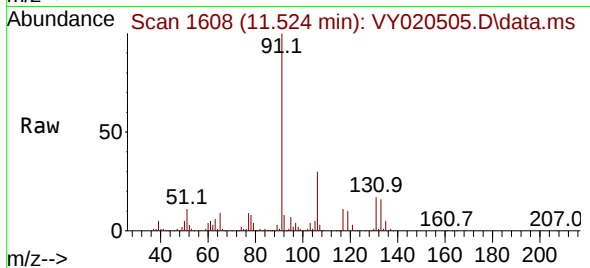
ClientSampleId :

Tgt Ion: 91 Resp: 429545

Ion Ratio Lower Upper

91 100

106 30.5 23.9 35.9



#68

m/p-Xylenes

Concen: 85.794 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020505.D

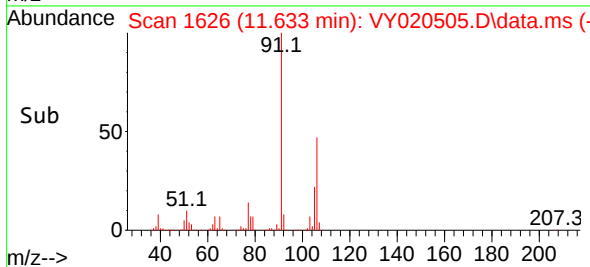
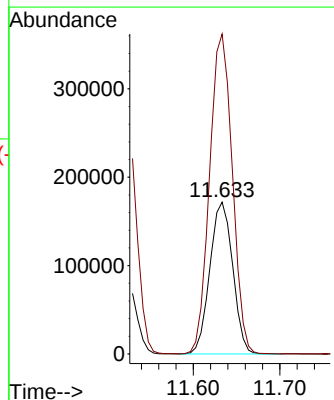
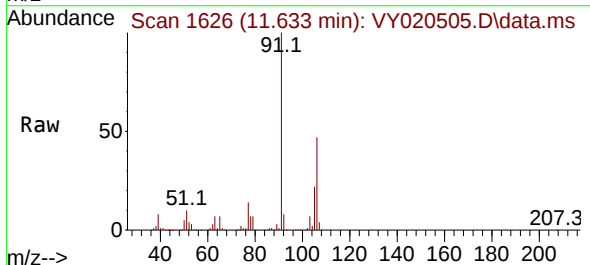
Acq: 04 Dec 2024 10:07

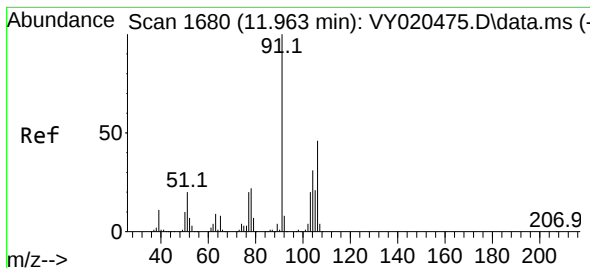
Tgt Ion:106 Resp: 314712

Ion Ratio Lower Upper

106 100

91 210.2 166.0 249.0





#69

o-Xylene

Concen: 43.662 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

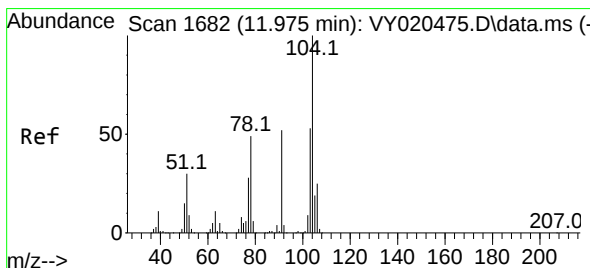
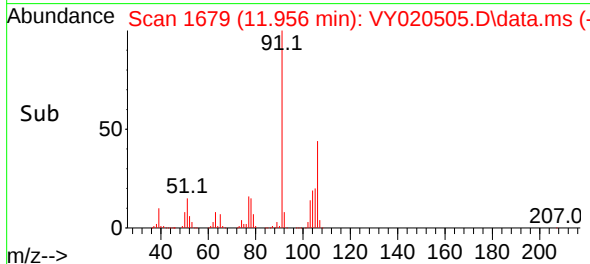
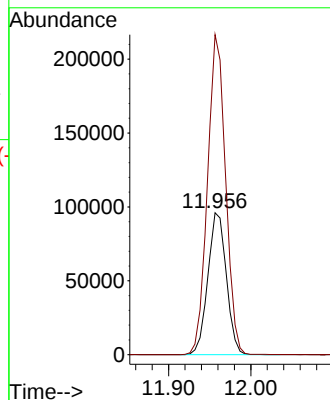
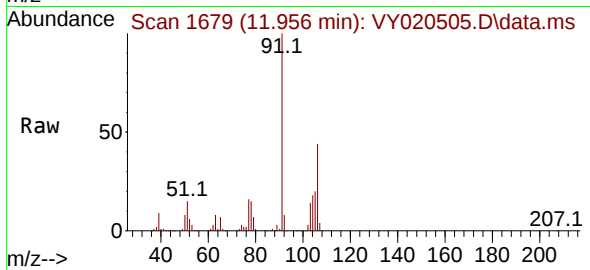
ClientSampleId :

Tgt Ion:106 Resp: 150047

Ion Ratio Lower Upper

106 100

91 221.0 110.0 330.0



#70

Styrene

Concen: 43.701 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

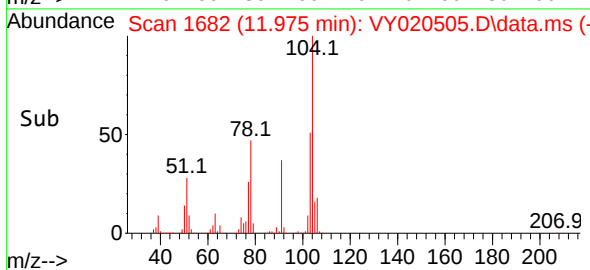
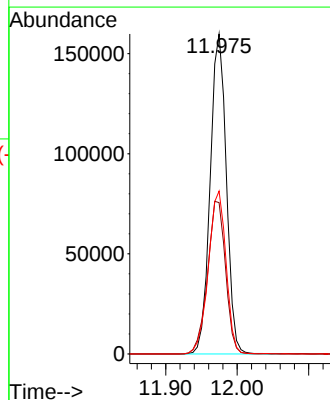
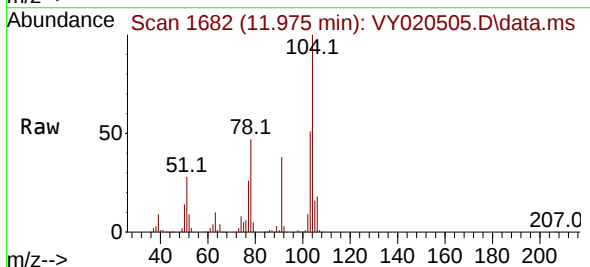
Tgt Ion:104 Resp: 250558

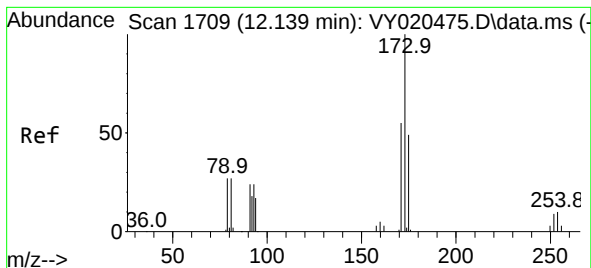
Ion Ratio Lower Upper

104 100

78 53.2 41.4 62.2

103 55.6 44.2 66.4





#71

Bromoform

Concen: 45.511 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

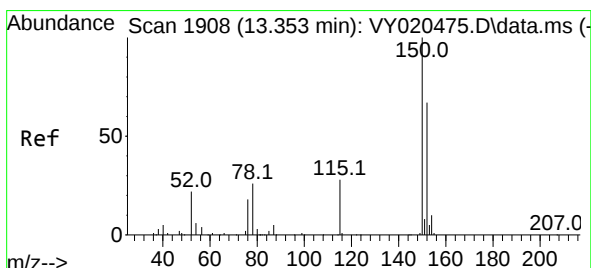
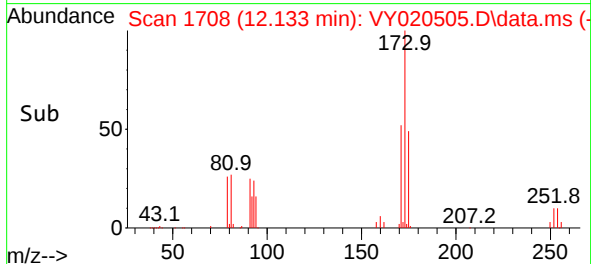
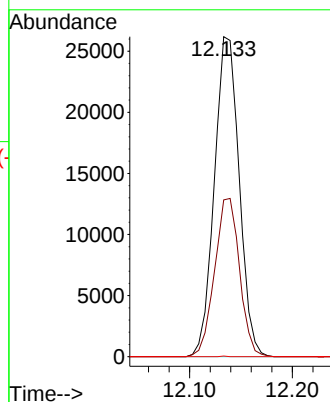
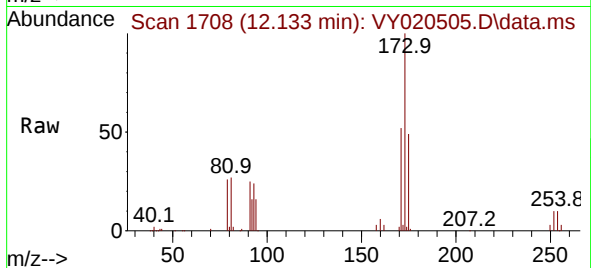
Tgt Ion:173 Resp: 43857

Ion Ratio Lower Upper

173 100

175 49.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

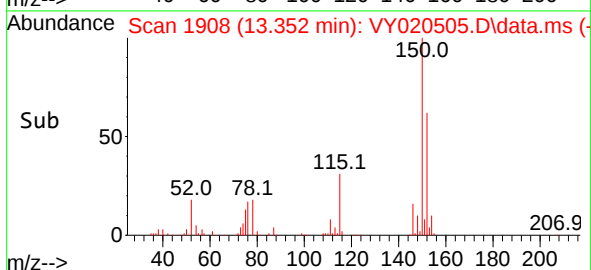
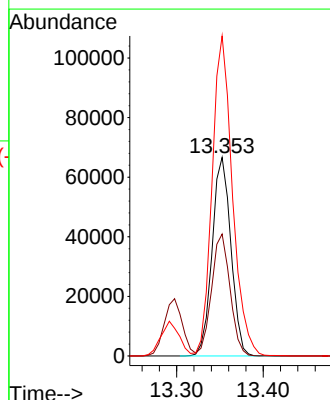
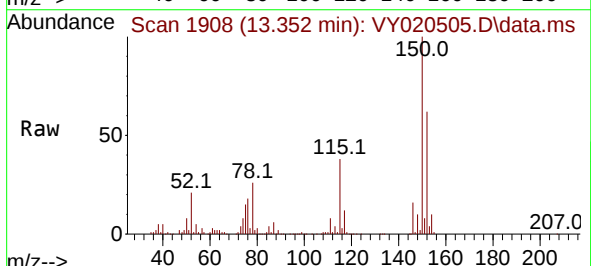
Tgt Ion:152 Resp: 100339

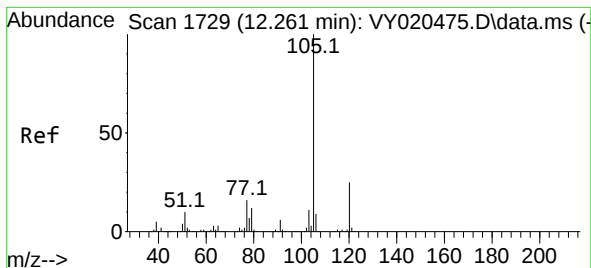
Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 174.7 0.0 348.2





#73

Isopropylbenzene

Concen: 41.777 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

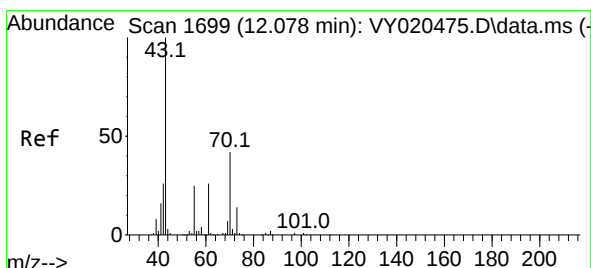
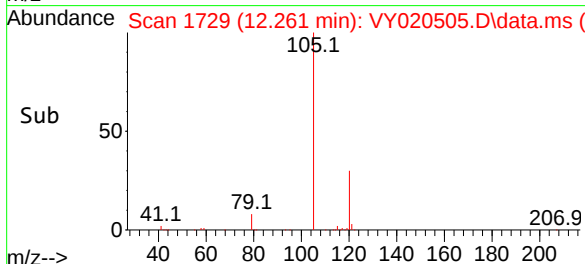
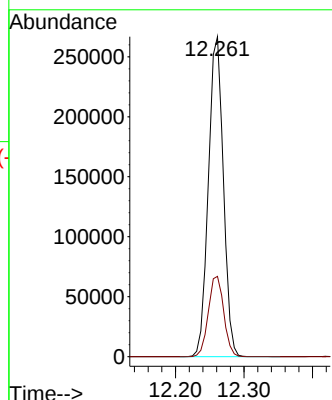
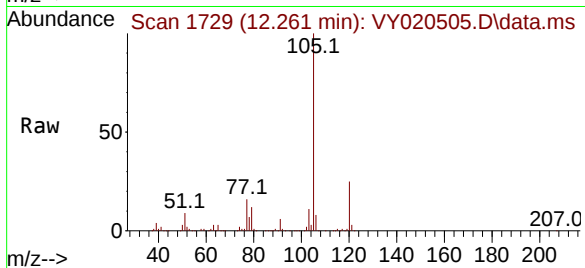
ClientSampleId :

Tgt Ion:105 Resp: 405589

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.1



#74

N-ethyl acetate

Concen: 46.874 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Tgt Ion: 43 Resp: 89192

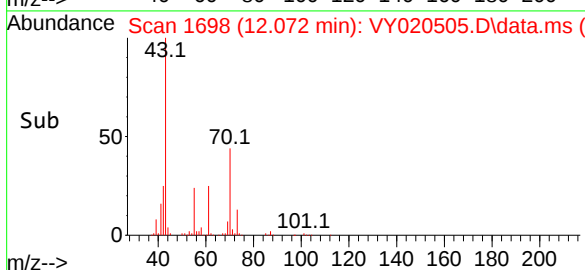
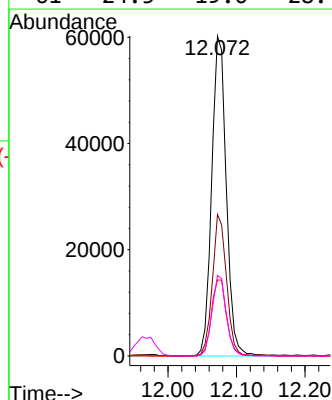
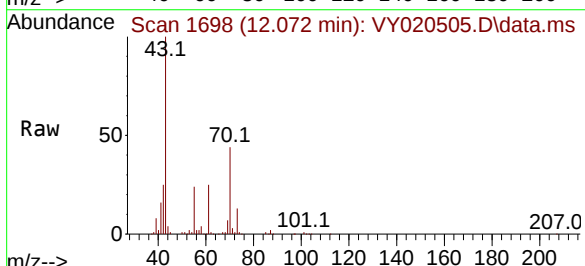
Ion Ratio Lower Upper

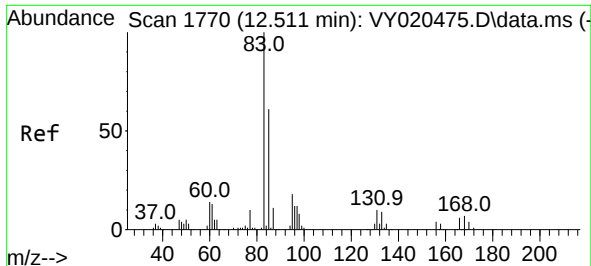
43 100

70 42.7 32.9 49.3

55 24.8 19.3 28.9

61 24.5 19.0 28.4

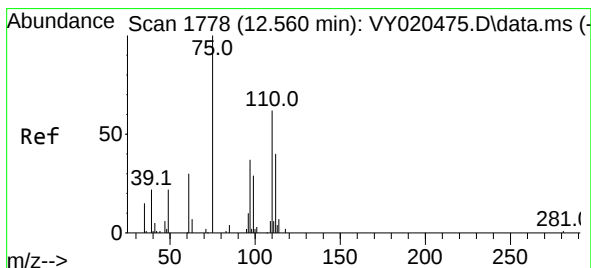
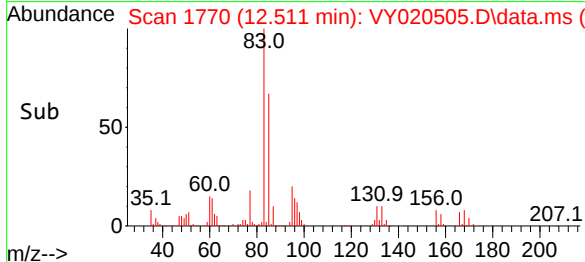
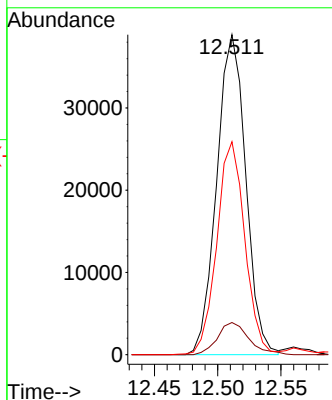
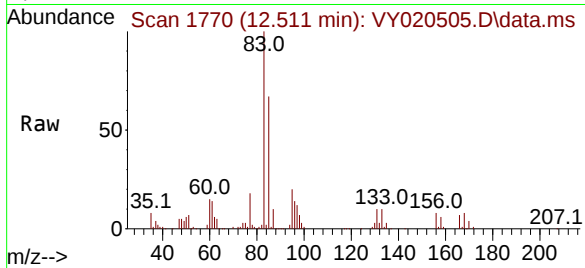




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.506 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY020505.D
 Acq: 04 Dec 2024 10:07

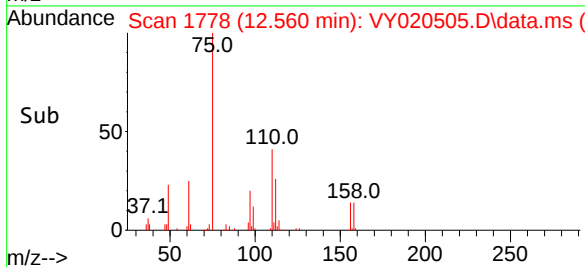
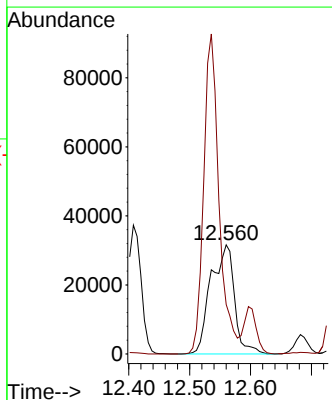
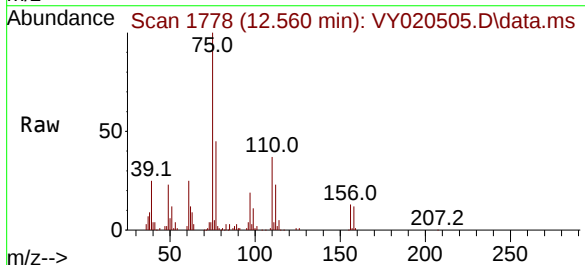
Instrument :
 MSVOA_Y
 ClientSampleId :

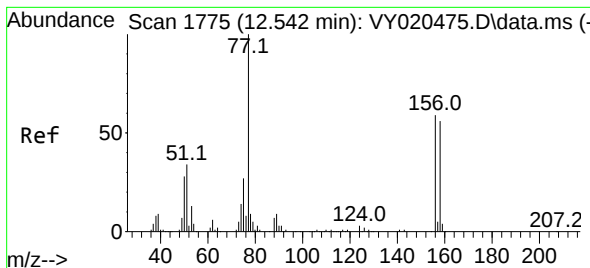
Tgt Ion: 83 Resp: 62136
 Ion Ratio Lower Upper
 83 100
 131 10.8 4.8 14.4
 85 64.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 83.516 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY020505.D
 Acq: 04 Dec 2024 10:07

Tgt Ion: 75 Resp: 85365
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.958 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY020505.D

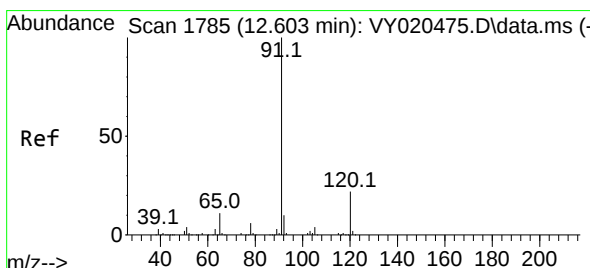
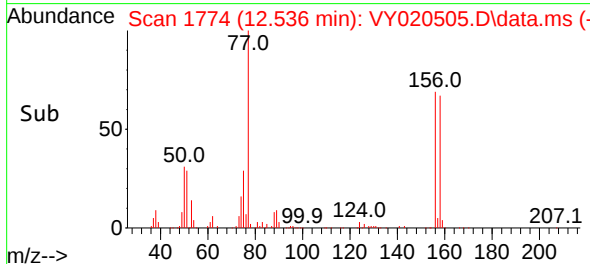
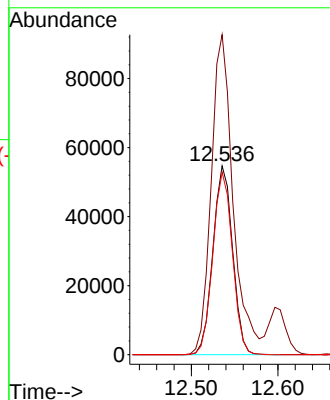
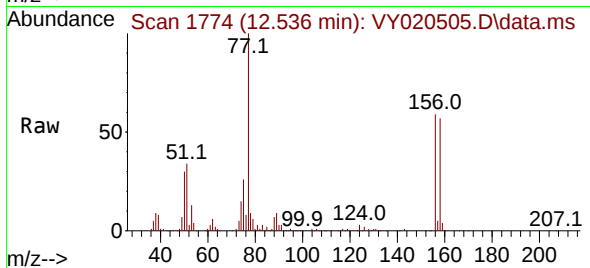
Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	86366
Ion Ratio	Lower	Upper	
156	100		
77	187.7	97.2	291.6
158	96.1	47.8	143.4



#78

n-propylbenzene

Concen: 41.535 ug/l

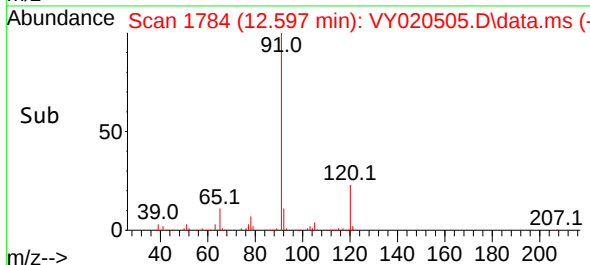
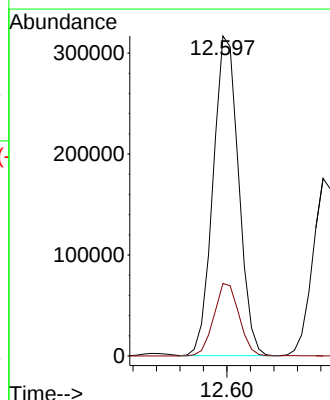
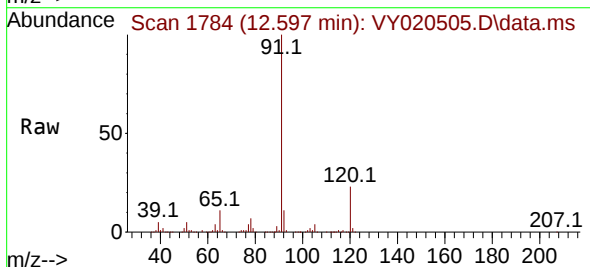
RT: 12.597 min Scan# 1784

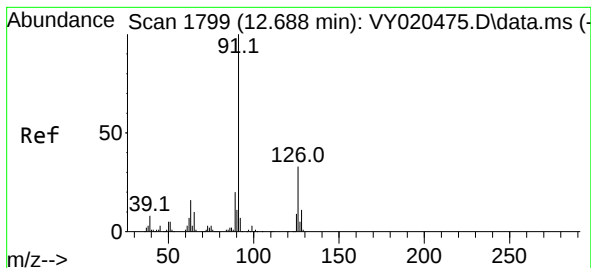
Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Tgt Ion:	91	Resp:	477424
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.6

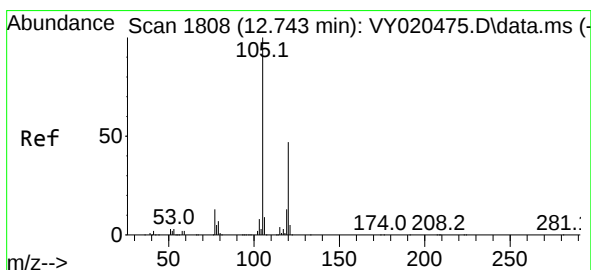
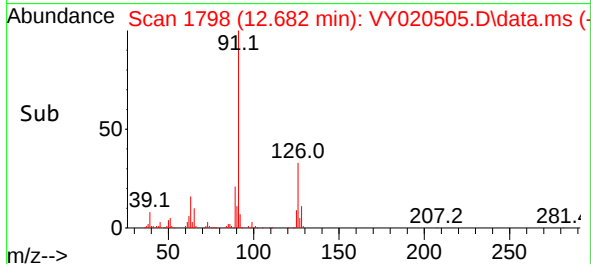
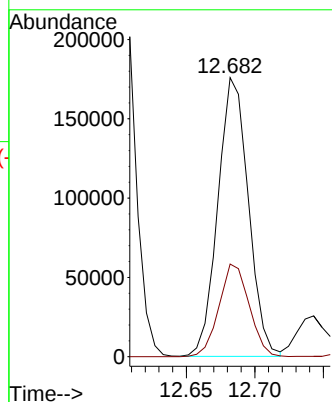
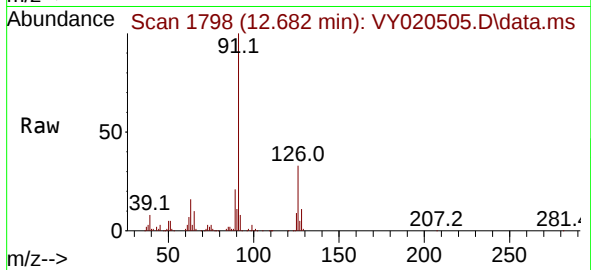




#79
2-Chlorotoluene
Concen: 42.033 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

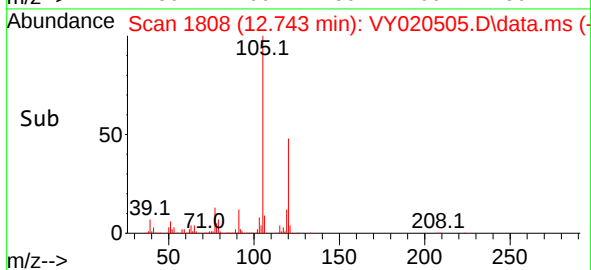
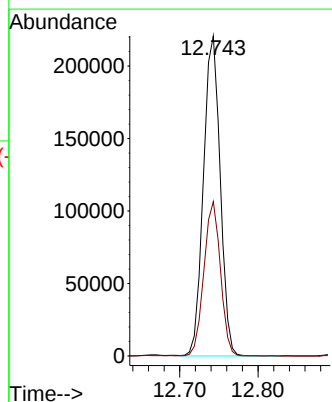
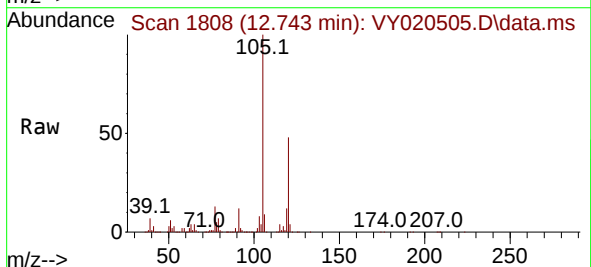
Instrument :
MSVOA_Y
ClientSampleId :

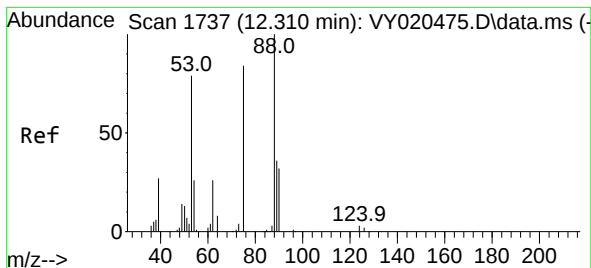
Tgt Ion: 91 Resp: 272624
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 42.128 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 105 Resp: 327757
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

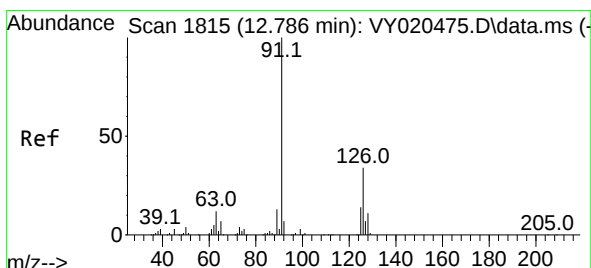
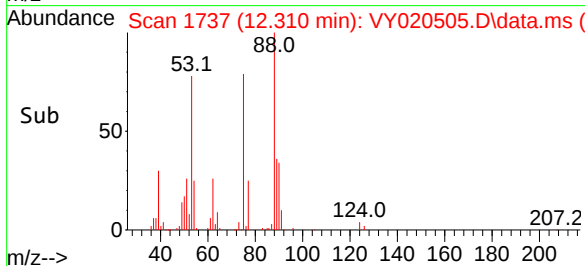
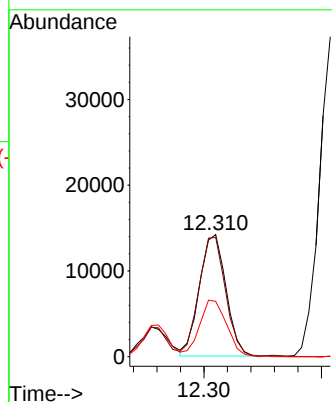
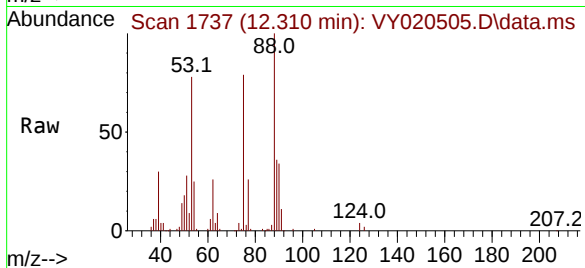




#81
trans-1,4-Dichloro-2-butene
Concen: 44.667 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

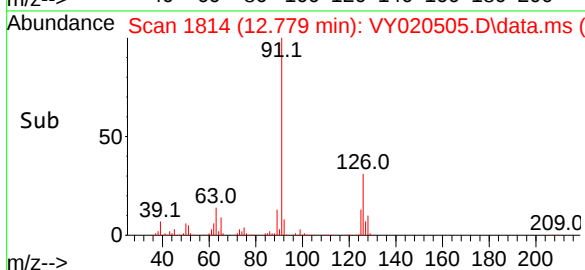
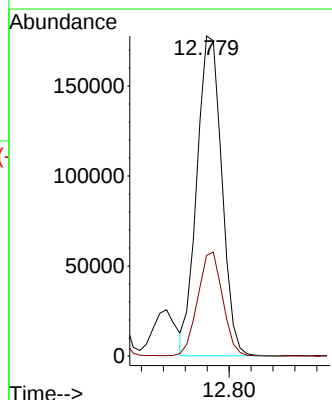
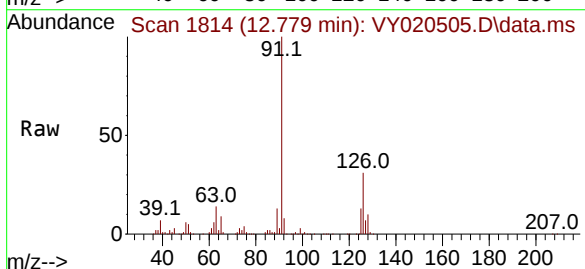
Instrument :
MSVOA_Y
ClientSampleId :

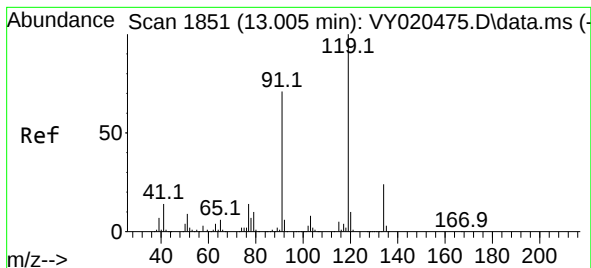
Tgt Ion: 75 Resp: 22251
Ion Ratio Lower Upper
75 100
53 97.9 81.1 121.7
89 47.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 42.402 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 91 Resp: 280652
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.8





#83

tert-Butylbenzene

Concen: 42.492 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

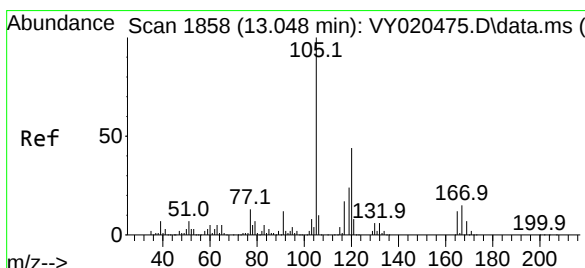
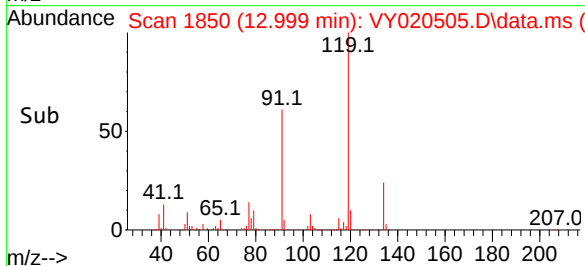
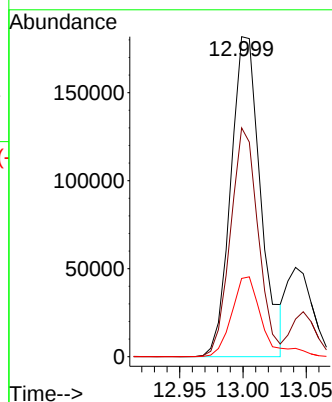
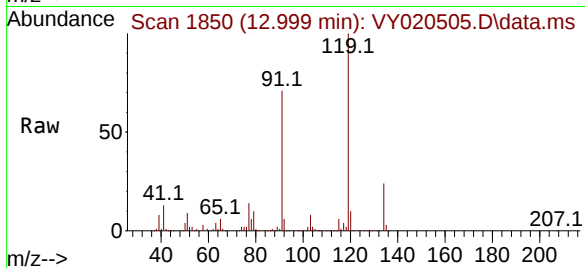
Tgt Ion:119 Resp: 298883

Ion Ratio Lower Upper

119 100

91 66.5 33.3 99.9

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 42.094 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020505.D

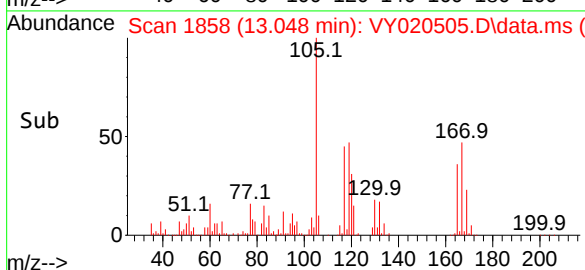
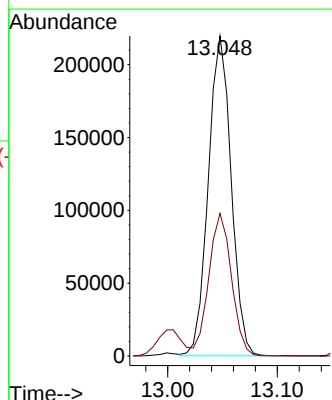
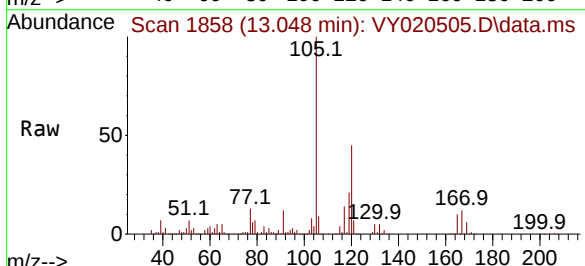
Acq: 04 Dec 2024 10:07

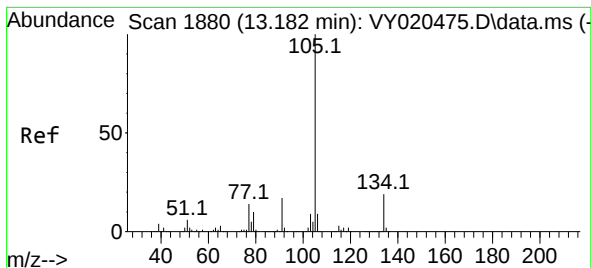
Tgt Ion:105 Resp: 318309

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 41.778 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

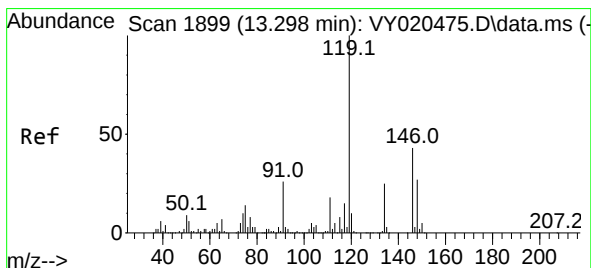
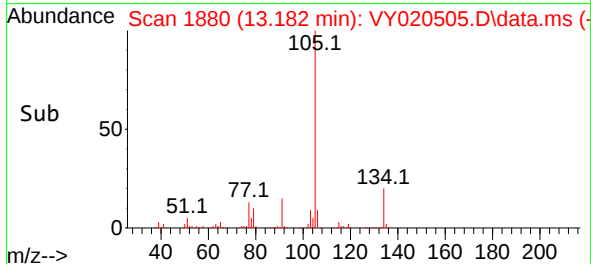
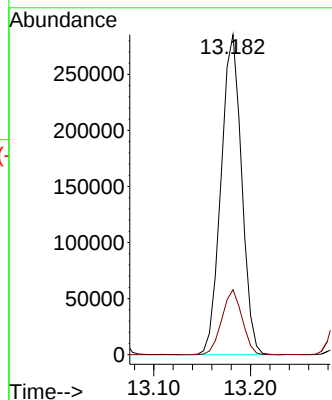
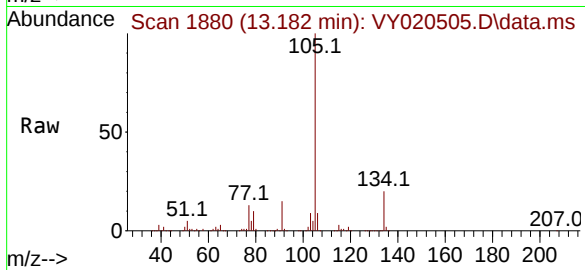
ClientSampleId :

Tgt Ion:105 Resp: 421143

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 42.468 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

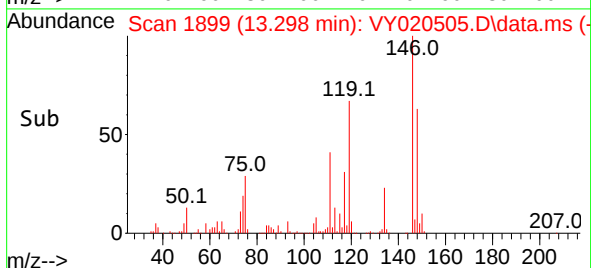
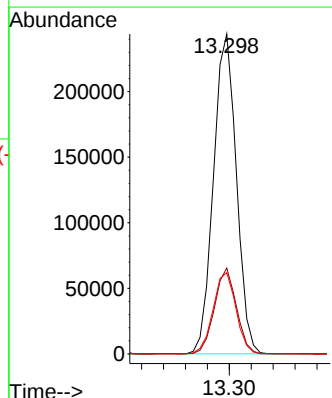
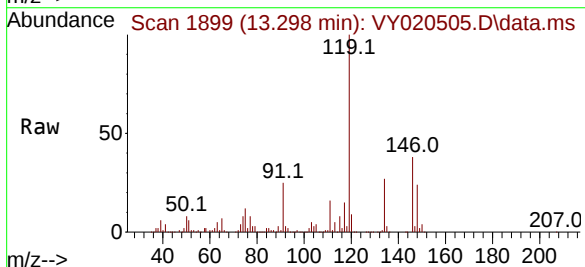
Tgt Ion:119 Resp: 353762

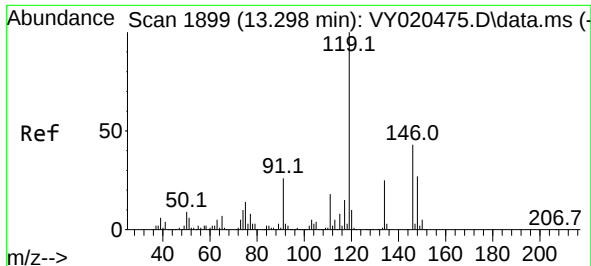
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 25.3 12.3 36.8

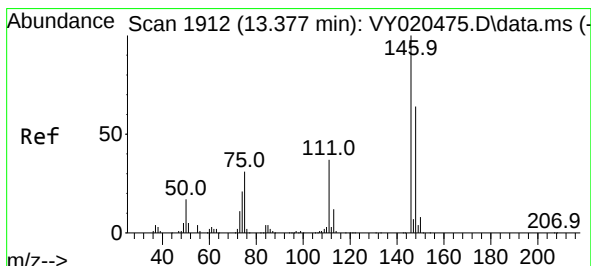
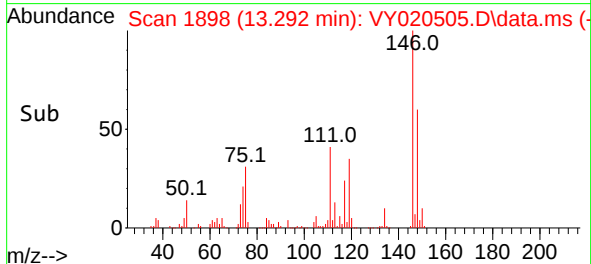
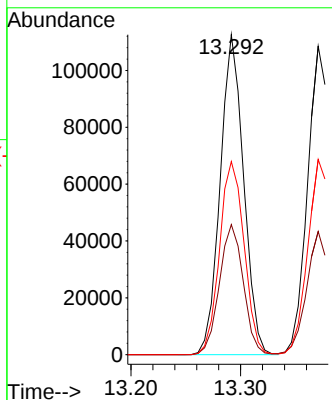
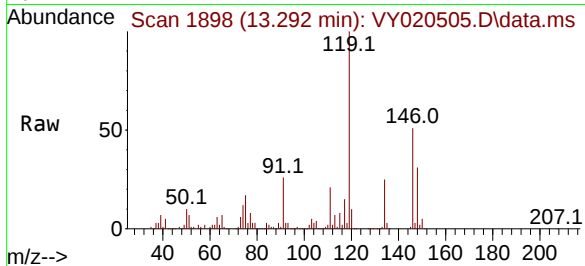




#87
1,3-Dichlorobenzene
Concen: 43.143 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

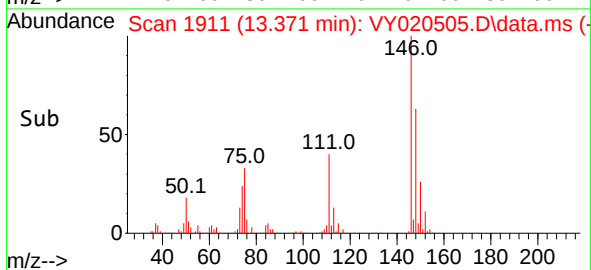
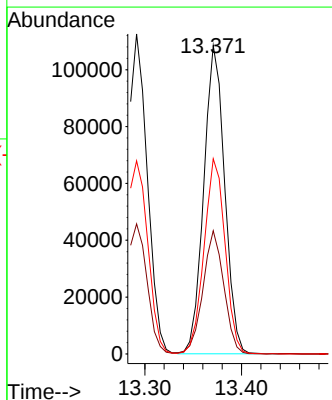
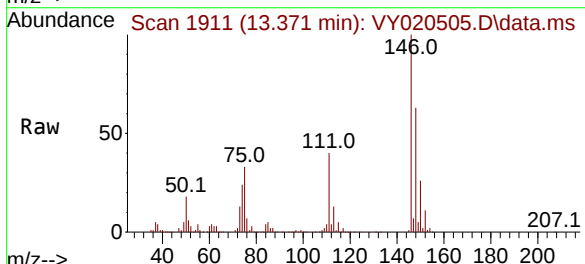
Instrument :
MSVOA_Y
ClientSampleId :

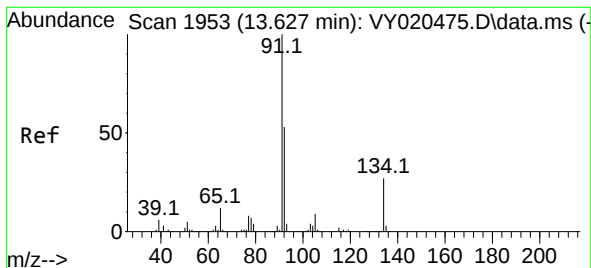
Tgt Ion:146 Resp: 167279
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.3 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 42.999 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion:146 Resp: 163215
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.6
148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 42.800 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

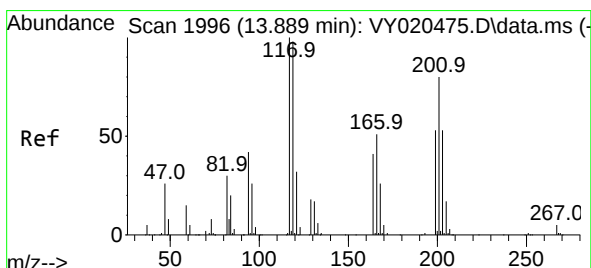
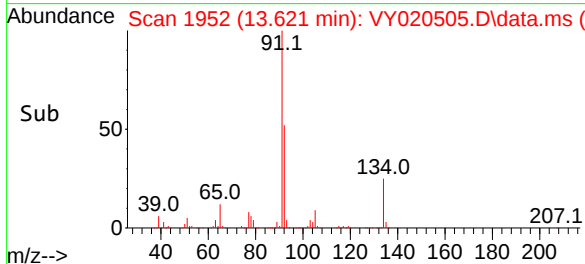
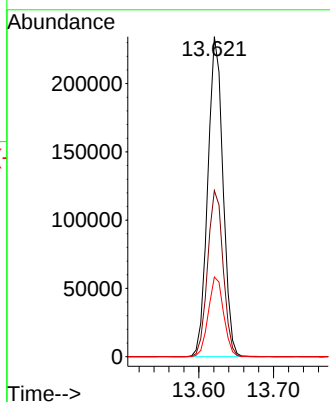
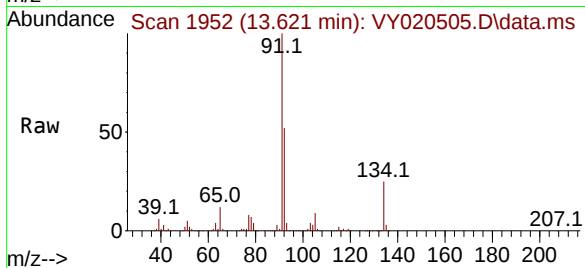
Tgt Ion: 91 Resp: 330670

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 25.0 12.2 36.4



#90

Hexachloroethane

Concen: 41.392 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020505.D

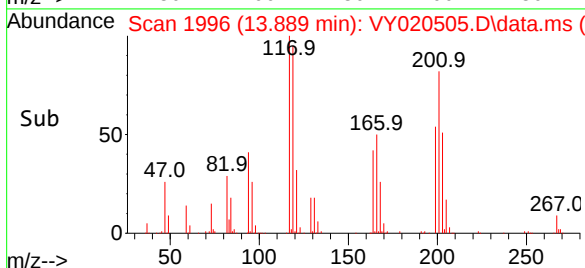
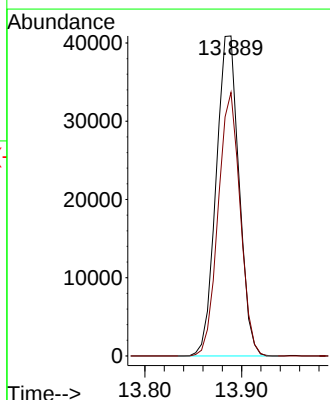
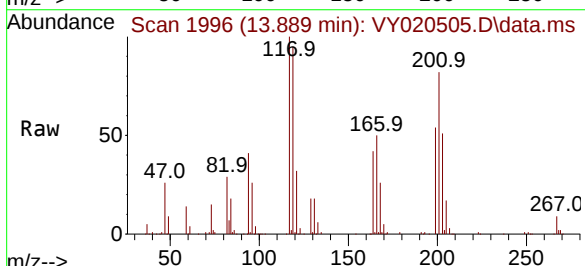
Acq: 04 Dec 2024 10:07

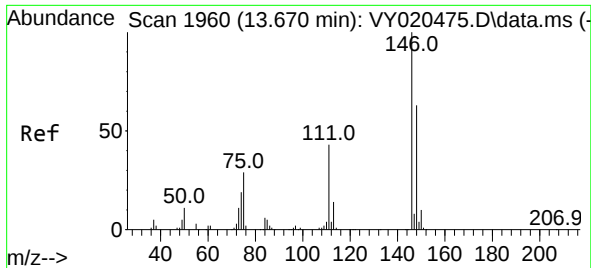
Tgt Ion: 117 Resp: 67196

Ion Ratio Lower Upper

117 100

201 79.2 37.1 111.3

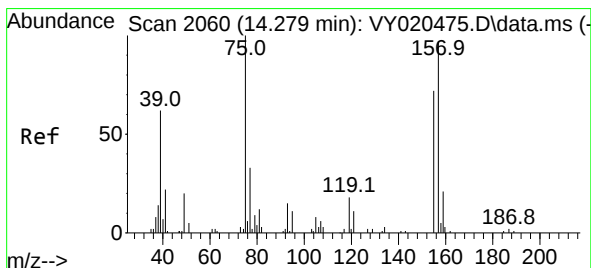
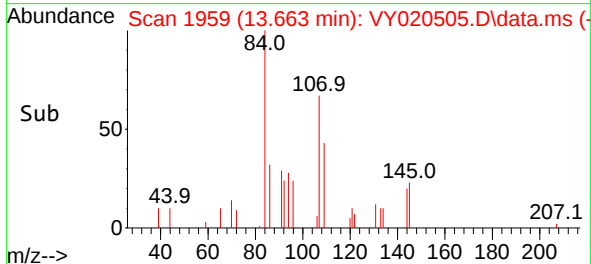
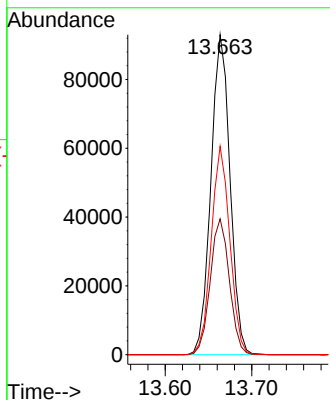
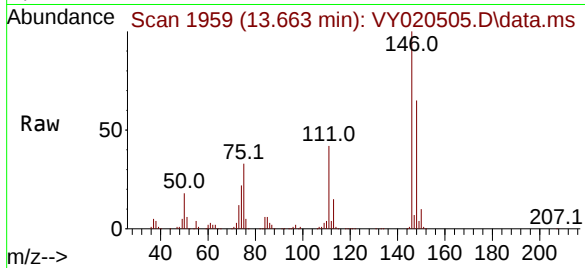




#91
1,2-Dichlorobenzene
Concen: 43.424 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

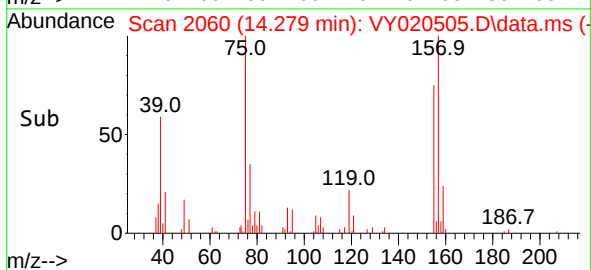
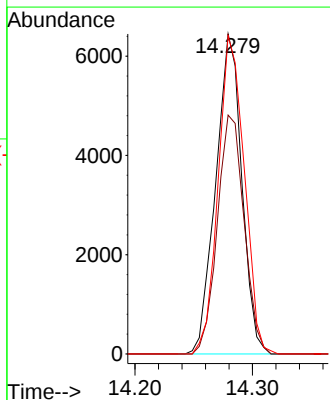
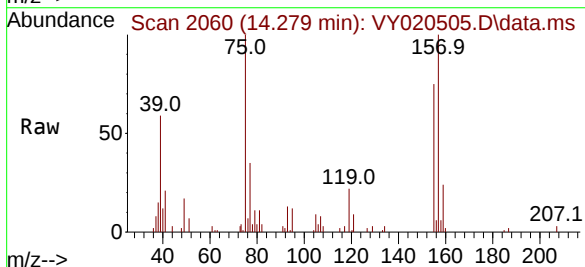
Instrument :
MSVOA_Y
ClientSampleId :

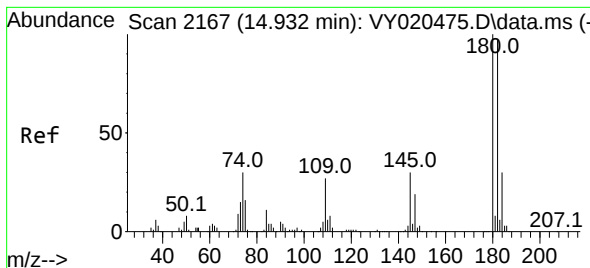
Tgt Ion:146 Resp: 142784
Ion Ratio Lower Upper
146 100
111 42.4 20.8 62.5
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.916 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY020505.D
Acq: 04 Dec 2024 10:07

Tgt Ion: 75 Resp: 9916
Ion Ratio Lower Upper
75 100
155 76.8 39.7 119.1
157 99.8 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 45.292 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

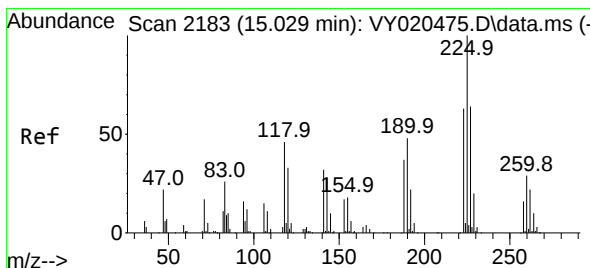
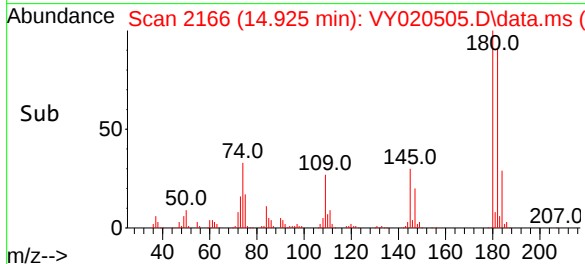
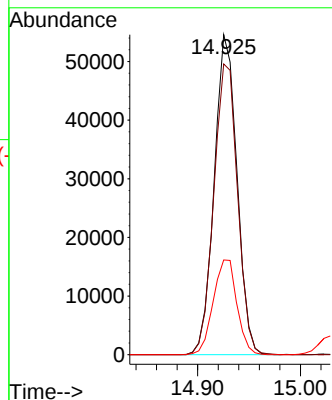
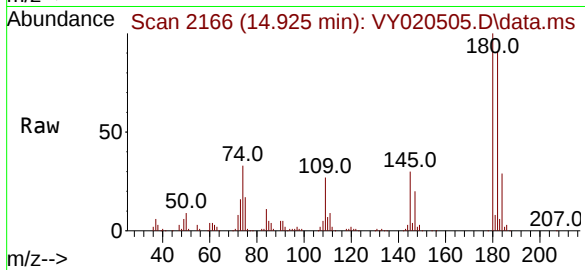
Tgt Ion:180 Resp: 83743

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.8

145 30.8 15.8 47.3



#94

Hexachlorobutadiene

Concen: 42.948 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

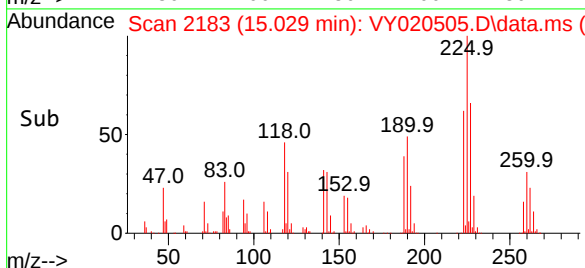
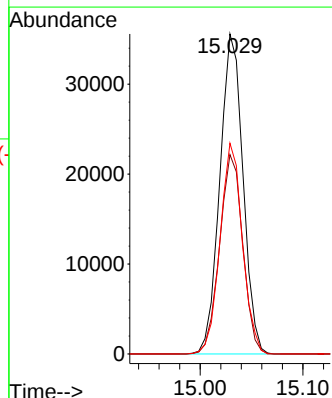
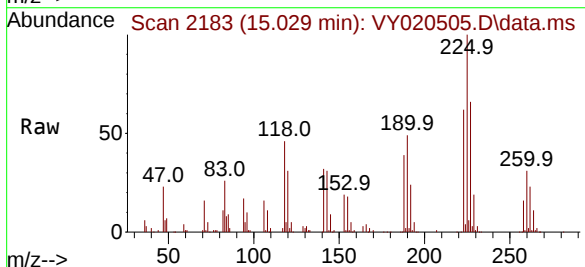
Tgt Ion:225 Resp: 55552

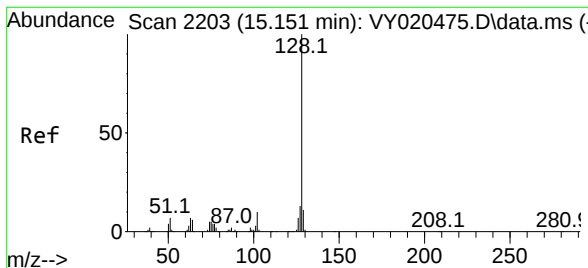
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.5

227 63.6 32.3 96.8





#95

Naphthalene

Concen: 47.756 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

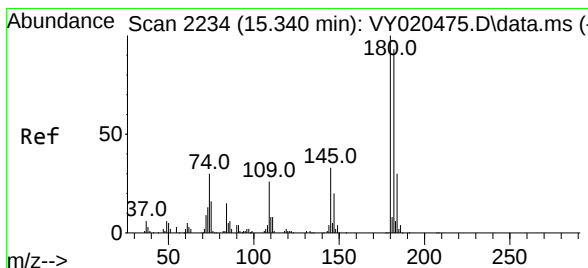
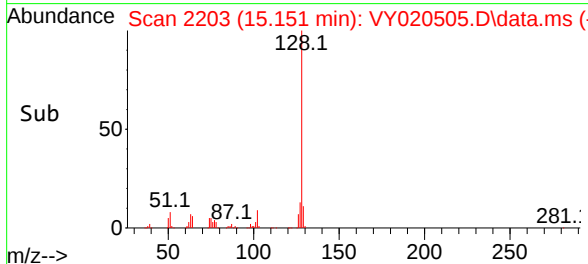
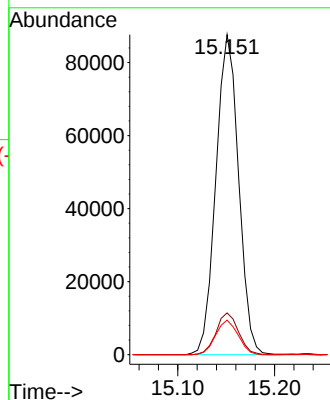
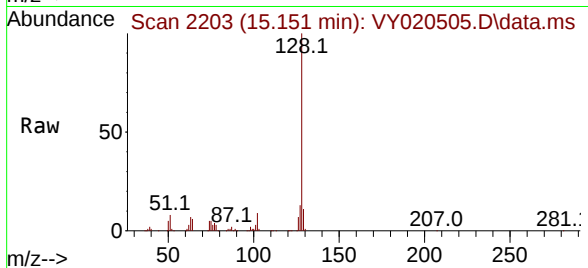
Tgt Ion:128 Resp: 142887

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.984 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020505.D

Acq: 04 Dec 2024 10:07

Tgt Ion:180 Resp: 68604

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 32.6 16.9 50.6

