

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020713.D
 Acq On : 26 Dec 2024 12:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122624

Quant Time: Dec 26 16:15:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	116912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	160856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	136421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	70383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50667	52.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.646	113	46763	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.560%	
50) Toluene-d8	10.115	98	184089	52.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.413	95	62660	53.215	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	43692	47.479	ug/l	98
3) Chloromethane	2.080	50	18877	55.003	ug/l	99
4) Vinyl Chloride	2.214	62	21107	49.638	ug/l	97
5) Bromomethane	2.610	94	16385	51.036	ug/l	92
6) Chloroethane	2.750	64	13110	51.394	ug/l	100
7) Trichlorofluoromethane	3.074	101	79960	48.899	ug/l	100
8) Diethyl Ether	3.470	74	19539	50.215	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	43422	48.370	ug/l	98
10) Methyl Iodide	4.019	142	50185	51.123	ug/l	99
11) Tert butyl alcohol	4.878	59	12665	208.224	ug/l #	85
12) 1,1-Dichloroethene	3.805	96	39605	49.566	ug/l	99
13) Acrolein	3.677	56	2881	143.918	ug/l	97
14) Allyl chloride	4.403	41	47747	51.064	ug/l	96
15) Acrylonitrile	5.073	53	34113	226.940	ug/l	99
16) Acetone	3.878	43	25249	207.840	ug/l	99
17) Carbon Disulfide	4.122	76	103010	52.554	ug/l	99
18) Methyl Acetate	4.403	43	15970	48.572	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	106703	47.911	ug/l	100
20) Methylene Chloride	4.628	84	39747	50.306	ug/l	90
21) trans-1,2-Dichloroethene	5.134	96	43912	50.999	ug/l	98
22) Diisopropyl ether	6.030	45	95914	50.460	ug/l	98
23) Vinyl Acetate	5.976	43	275873	242.987	ug/l	100
24) 1,1-Dichloroethane	5.933	63	72030	50.544	ug/l	99
25) 2-Butanone	6.908	43	36966	225.260	ug/l	97
26) 2,2-Dichloropropane	6.902	77	82553	47.328	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	51212	49.666	ug/l	98
28) Bromochloromethane	7.262	49	20413	54.165	ug/l	90
29) Tetrahydrofuran	7.280	42	22616	224.521	ug/l	95
30) Chloroform	7.433	83	88644	48.353	ug/l	95
31) Cyclohexane	7.713	56	55329	44.979	ug/l	94
32) 1,1,1-Trichloroethane	7.634	97	95277	48.484	ug/l	99
36) 1,1-Dichloropropene	7.847	75	57746	49.340	ug/l	99
37) Ethyl Acetate	7.000	43	18046	46.791	ug/l	97
38) Carbon Tetrachloride	7.829	117	94603	49.087	ug/l	98
39) Methylcyclohexane	9.121	83	76295	50.860	ug/l	95
40) Benzene	8.091	78	173716	51.214	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	9136	46.896	ug/l	94
42) 1,2-Dichloroethane	8.170	62	52925	48.661	ug/l	99
43) Isopropyl Acetate	8.207	43	38101	46.479	ug/l	97
44) Trichloroethene	8.877	130	50355	49.703	ug/l	92
45) 1,2-Dichloropropane	9.152	63	34051	49.593	ug/l	99
46) Dibromomethane	9.237	93	22170	46.666	ug/l	97
47) Bromodichloromethane	9.432	83	65991	48.995	ug/l	94
48) Methyl methacrylate	9.231	41	17544	45.829	ug/l	99
49) 1,4-Dioxane	9.237	88	4519	998.617	ug/l	96
51) 4-Methyl-2-Pentanone	10.005	43	91062	230.147	ug/l	99
52) Toluene	10.182	92	119622	51.455	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	57734	48.805	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	64766	49.949	ug/l	98
55) 1,1,2-Trichloroethane	10.578	97	29233	48.206	ug/l	99
56) Ethyl methacrylate	10.444	69	37050	46.506	ug/l	99
57) 1,3-Dichloropropane	10.725	76	48458	49.234	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	67974	244.679	ug/l	97
59) 2-Hexanone	10.767	43	59853	229.110	ug/l	97
60) Dibromochloromethane	10.920	129	47597	48.574	ug/l	100
61) 1,2-Dibromoethane	11.023	107	27610	48.387	ug/l	100
64) Tetrachloroethene	10.658	164	46724	50.131	ug/l	95
65) Chlorobenzene	11.450	112	133203	49.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	52397	50.630	ug/l	98
67) Ethyl Benzene	11.529	91	238810	51.151	ug/l	98
68) m/p-Xylenes	11.639	106	183706	103.152	ug/l	98
69) o-Xylene	11.962	106	86833	51.032	ug/l	99
70) Styrene	11.981	104	144868	50.717	ug/l	99
71) Bromoform	12.139	173	28995	48.733	ug/l #	98
73) Isopropylbenzene	12.261	105	242449	49.720	ug/l	99
74) N-amyl acetate	12.078	43	33272	48.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	29166	46.657	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	42892	95.817	ug/l #	100
77) Bromobenzene	12.541	156	56640	50.459	ug/l	96
78) n-propylbenzene	12.602	91	273917	50.119	ug/l	99
79) 2-Chlorotoluene	12.688	91	154710	49.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	205116	50.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11017	48.646	ug/l	94
82) 4-Chlorotoluene	12.785	91	161536	50.168	ug/l	99
83) tert-Butylbenzene	13.005	119	188052	49.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	203012	51.350	ug/l	99
85) sec-Butylbenzene	13.188	105	258622	50.578	ug/l	99
86) p-Isopropyltoluene	13.303	119	230385	50.557	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	108941	49.657	ug/l	97
88) 1,4-Dichlorobenzene	13.377	146	107603	49.305	ug/l	98
89) n-Butylbenzene	13.627	91	194314	51.082	ug/l	99
90) Hexachloroethane	13.889	117	42996	49.619	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	95132	50.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5601	46.197	ug/l	95
93) 1,2,4-Trichlorobenzene	14.931	180	62409	52.197	ug/l	99
94) Hexachlorobutadiene	15.035	225	44277	50.811	ug/l	98
95) Naphthalene	15.157	128	94983	49.600	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	51411	51.643	ug/l	100

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QLast Update : Thu Dec 26 16:12:28 2024
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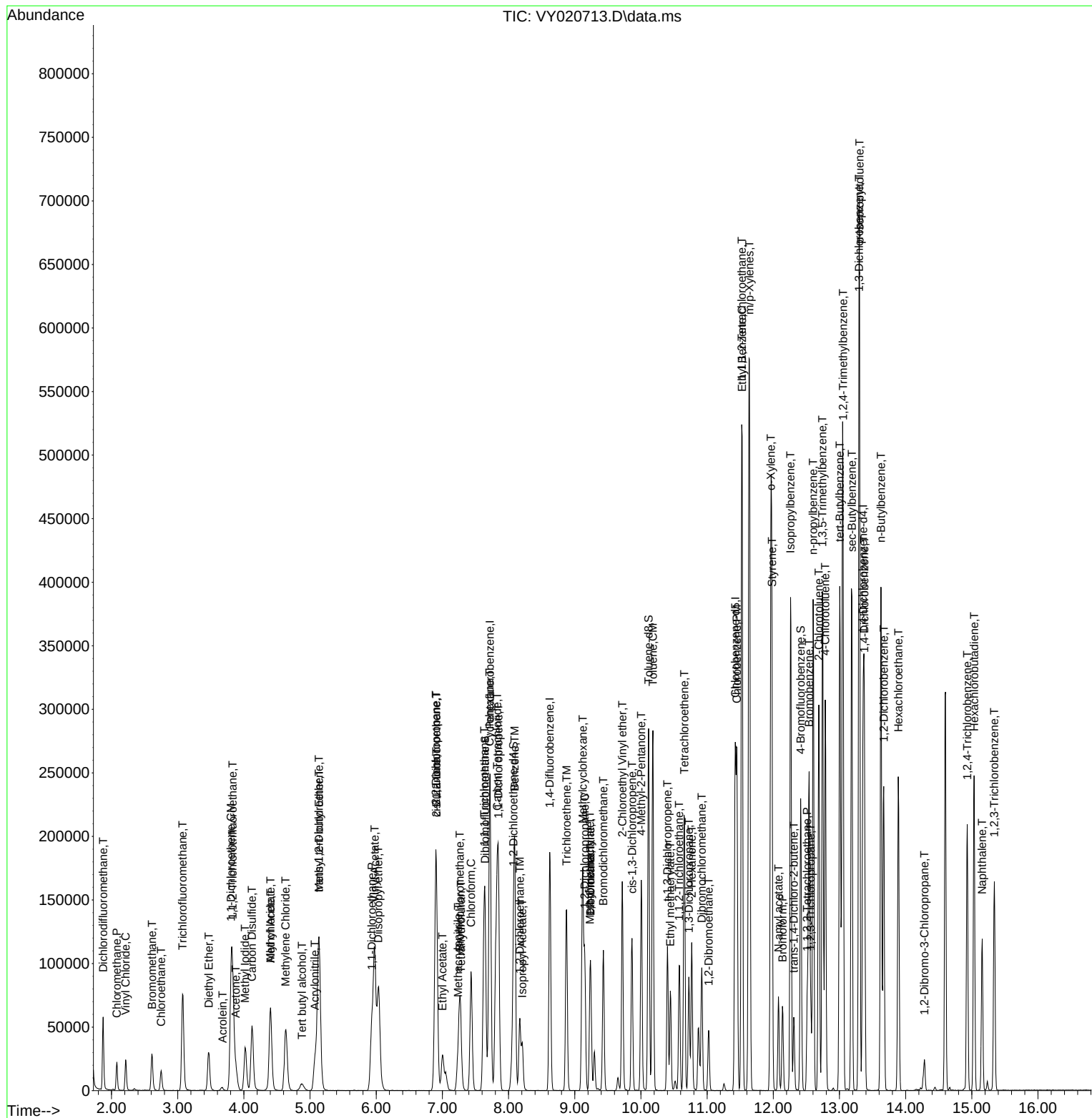
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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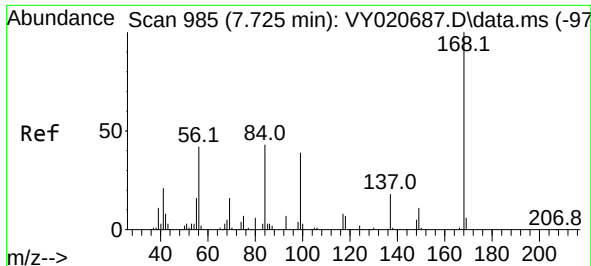
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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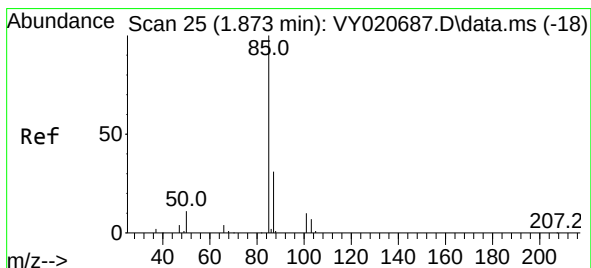
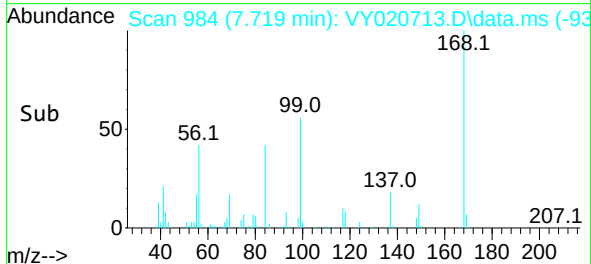
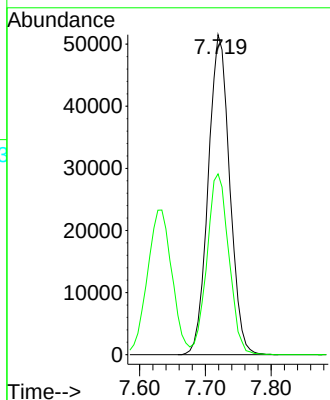
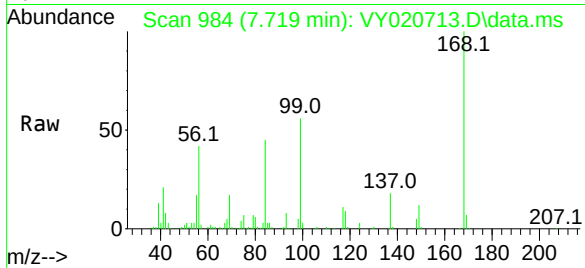




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 99
Delta R.T. -0.006 min
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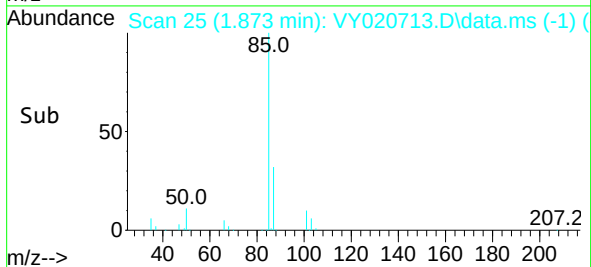
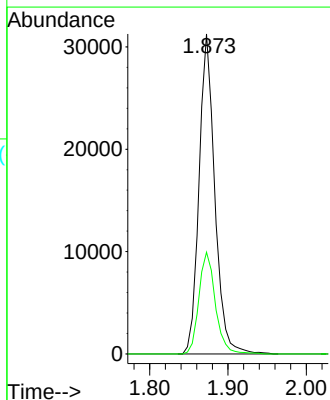
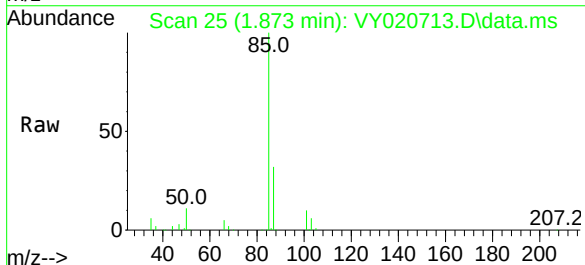
Instrument :
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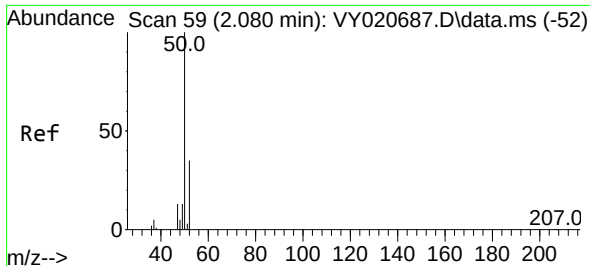
Tgt Ion:168 Resp: 116912
Ion Ratio Lower Upper
168 100
99 56.5 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 47.479 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 85 Resp: 43692
Ion Ratio Lower Upper
85 100
87 31.8 15.4 46.4

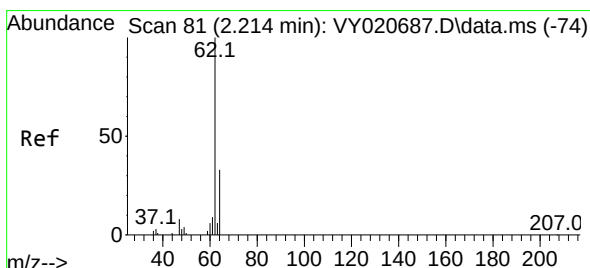
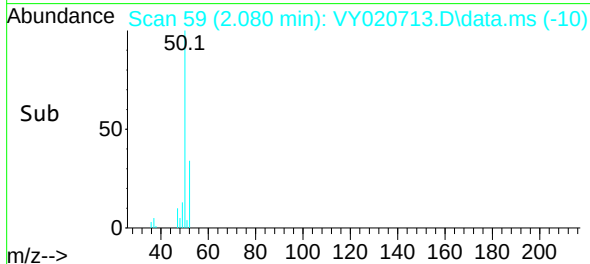
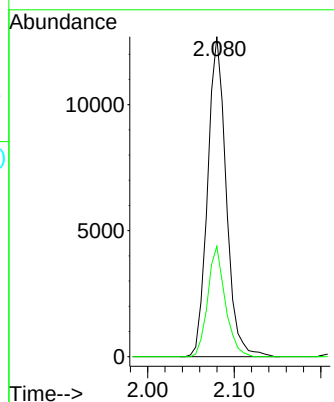
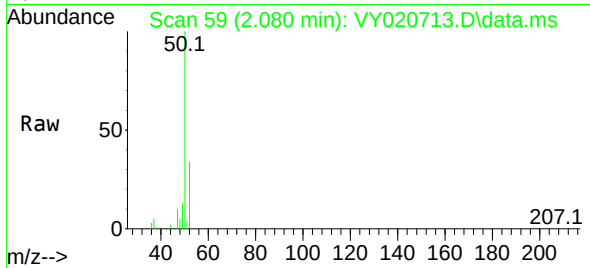




#3
Chloromethane
Concen: 55.003 ug/l
RT: 2.080 min Scan# 59
Delta R.T. -0.000 min
Lab File: VY020713.D
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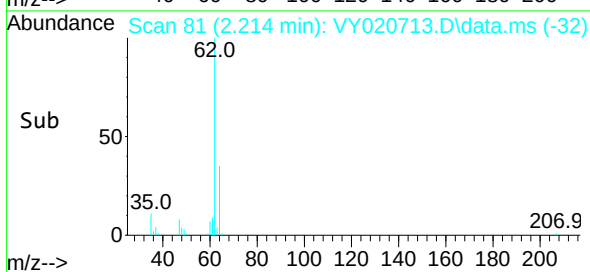
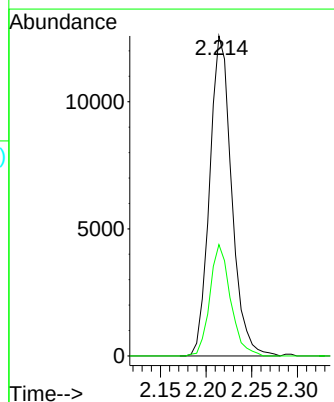
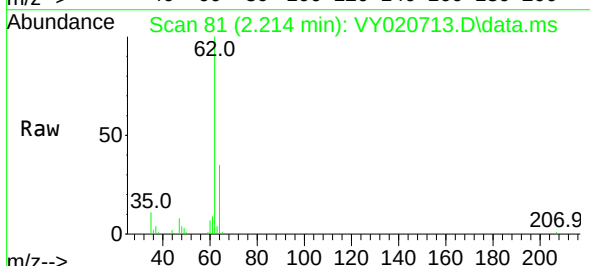
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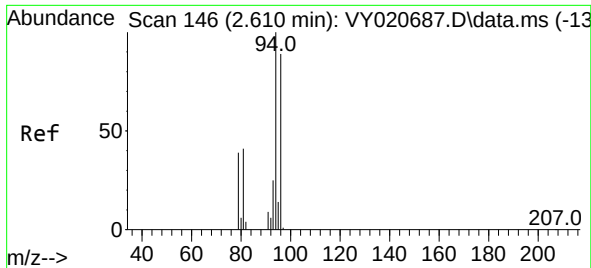
Tgt Ion: 50 Resp: 18877
Ion Ratio Lower Upper
50 100
52 34.4 28.2 42.2



#4
Vinyl Chloride
Concen: 49.638 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 62 Resp: 21107
Ion Ratio Lower Upper
62 100
64 34.8 26.6 40.0

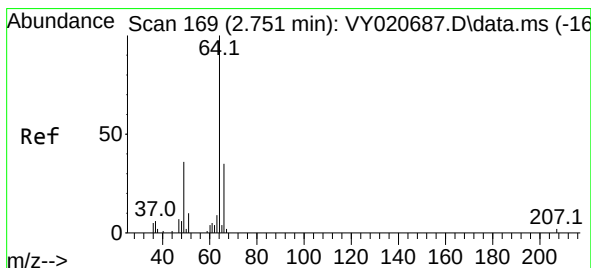
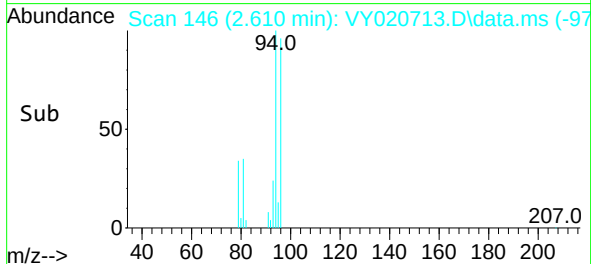
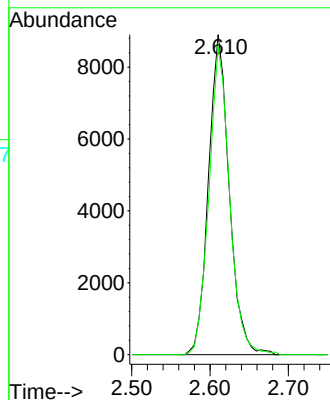
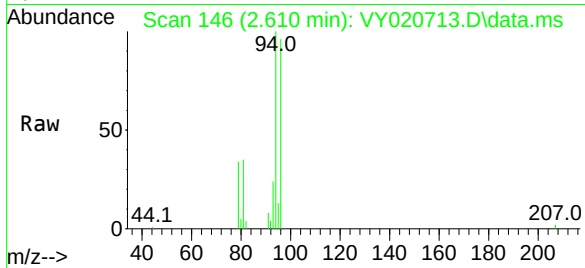




#5
Bromomethane
Concen: 51.036 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020713.D
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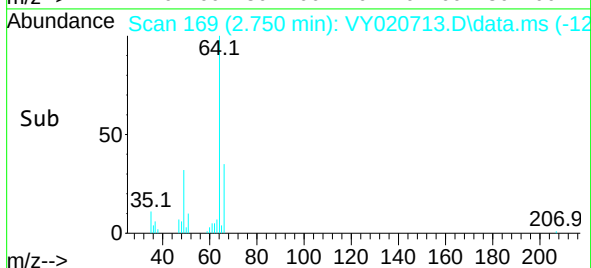
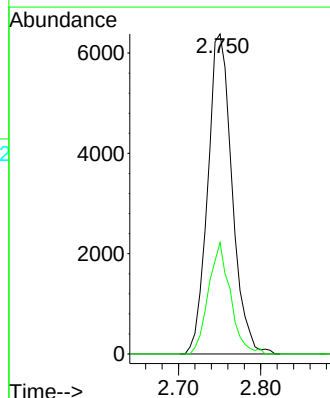
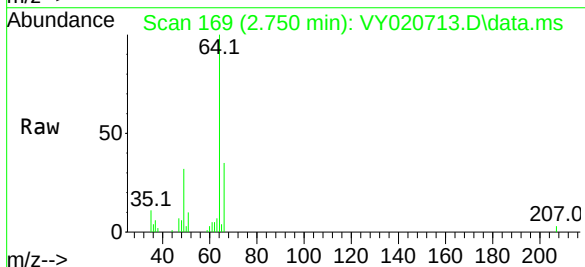
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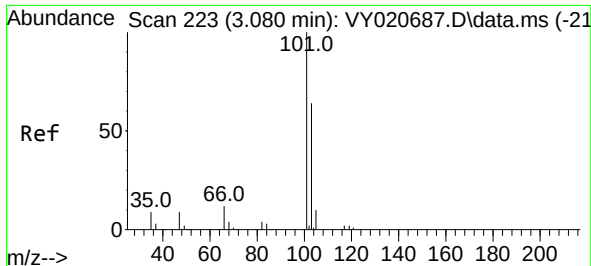
Tgt Ion: 94 Resp: 16385
Ion Ratio Lower Upper
94 100
96 96.2 71.0 106.6



#6
Chloroethane
Concen: 51.394 ug/l
RT: 2.750 min Scan# 169
Delta R.T. -0.001 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 64 Resp: 13110
Ion Ratio Lower Upper
64 100
66 34.8 27.8 41.8

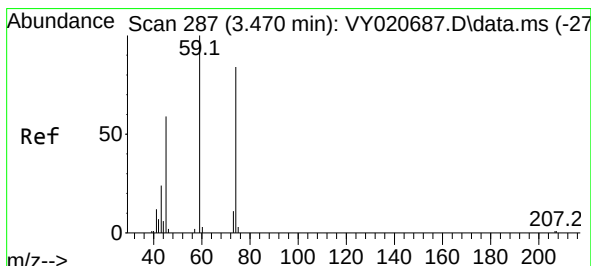
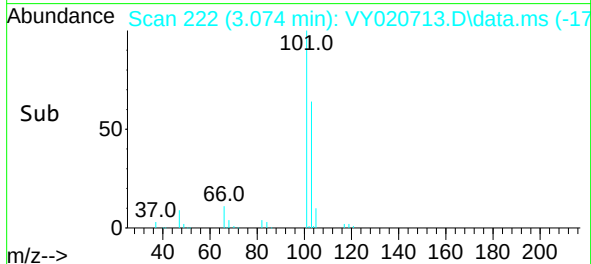
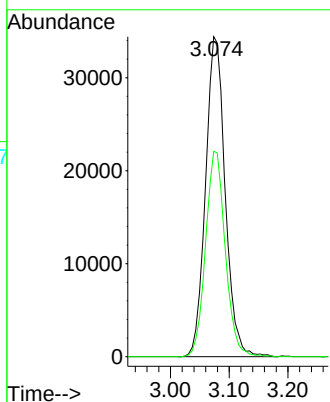
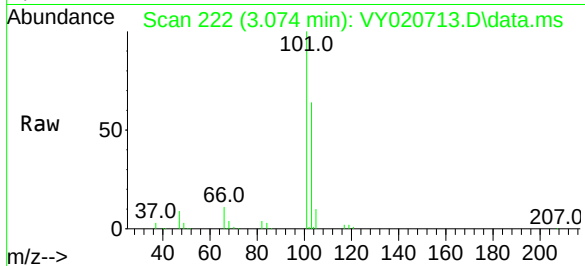




#7
Trichlorofluoromethane
Concen: 48.899 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.006 min
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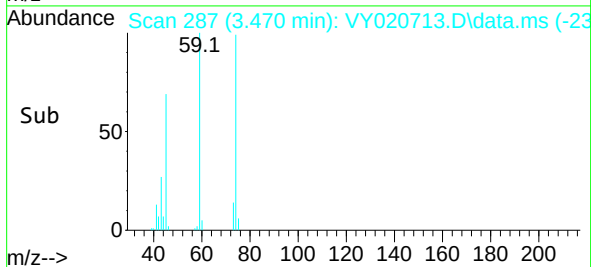
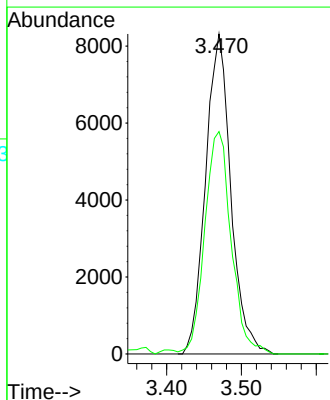
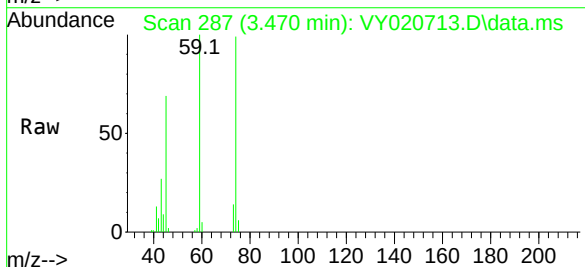
Instrument :
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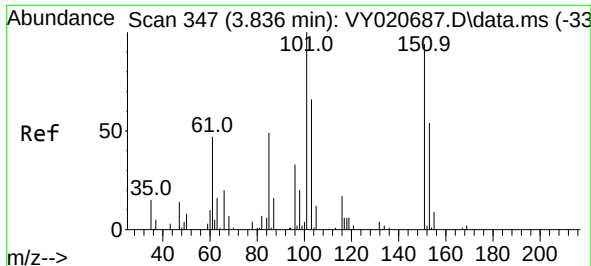
Tgt Ion:101 Resp: 79960
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 50.215 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 19539
Ion Ratio Lower Upper
74 100
45 72.6 35.8 107.4

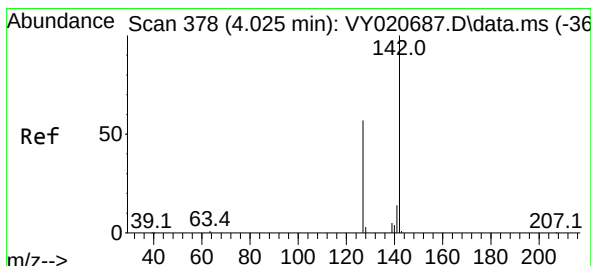
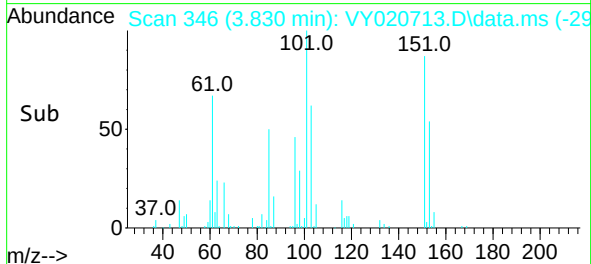
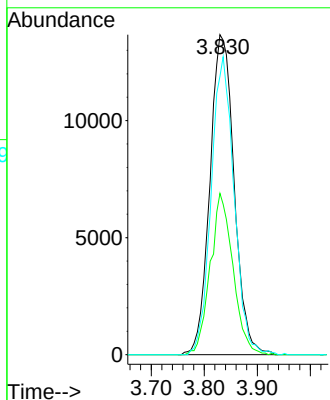
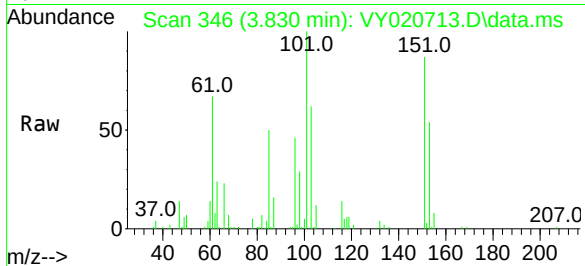




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.370 ug/l
RT: 3.830 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

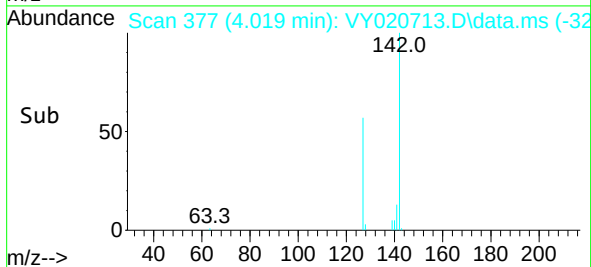
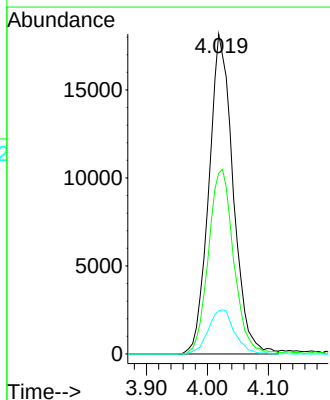
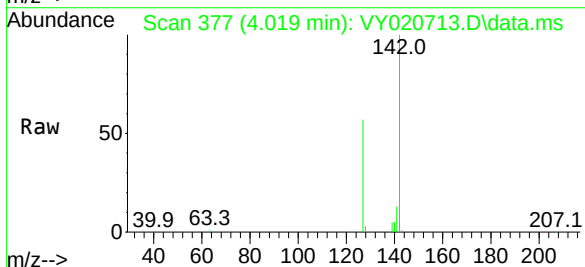
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

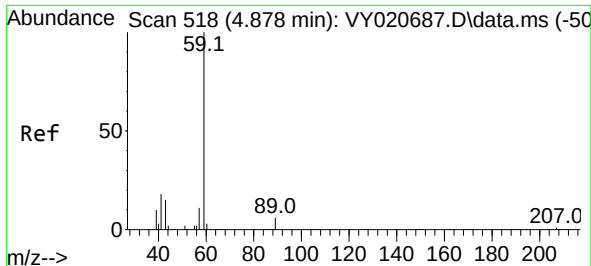
Tgt Ion:101 Resp: 43422
Ion Ratio Lower Upper
101 100
85 47.2 38.2 57.2
151 88.1 68.4 102.6



#10
Methyl Iodide
Concen: 51.123 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:142 Resp: 50185
Ion Ratio Lower Upper
142 100
127 59.9 48.8 73.2
141 14.9 11.9 17.9

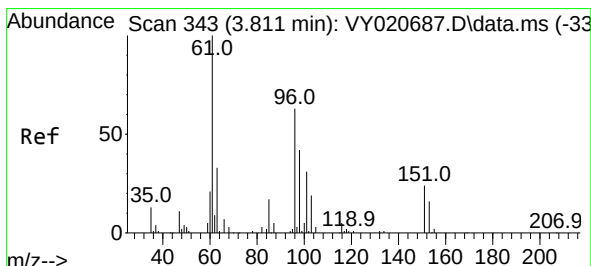
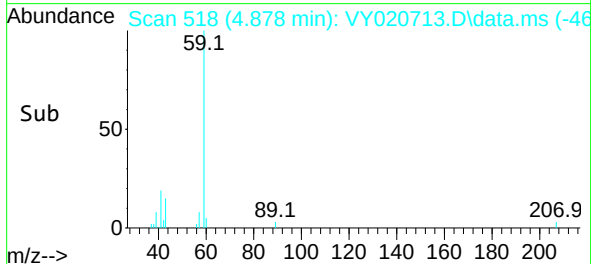
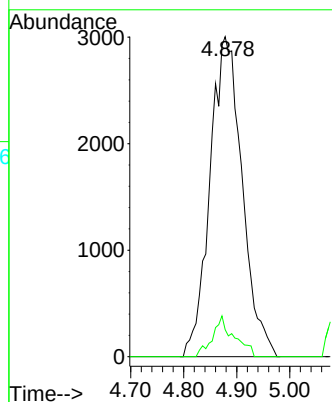
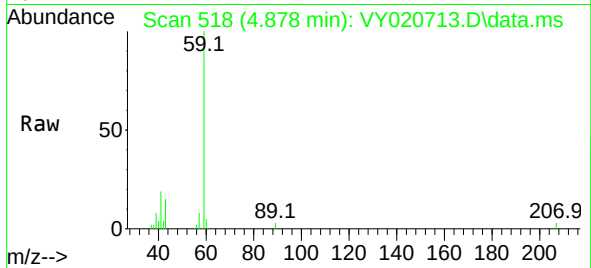




#11
Tert butyl alcohol
Concen: 208.224 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

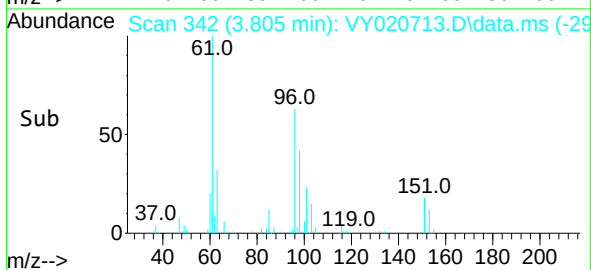
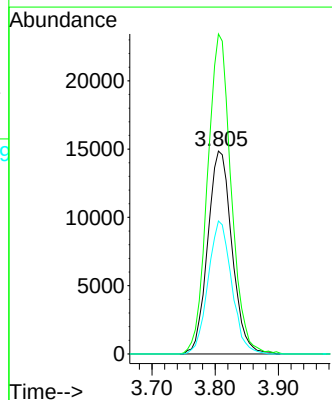
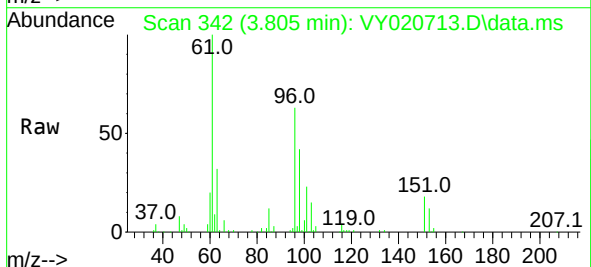
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

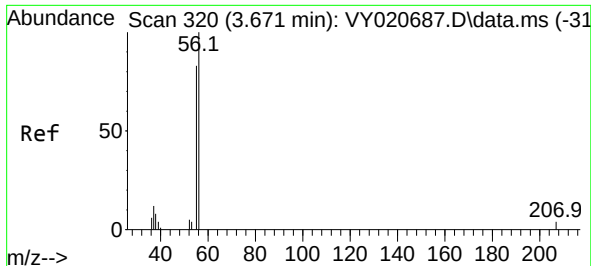
Tgt Ion: 59 Resp: 12665
Ion Ratio Lower Upper
59 100
57 8.5 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 49.566 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 96 Resp: 39605
Ion Ratio Lower Upper
96 100
61 157.7 127.1 190.7
98 65.5 53.4 80.0

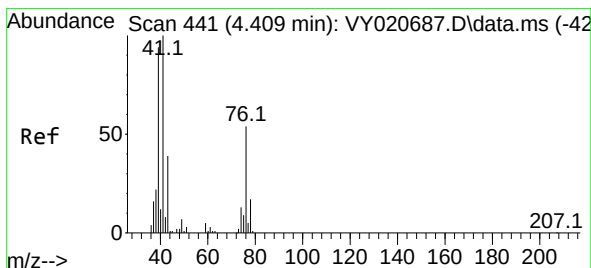
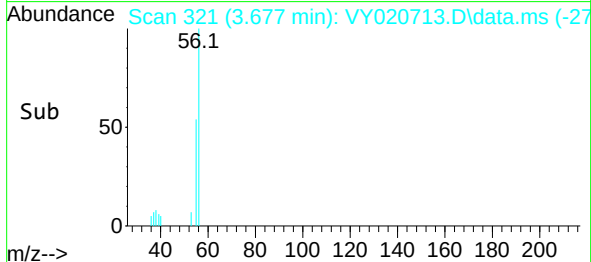
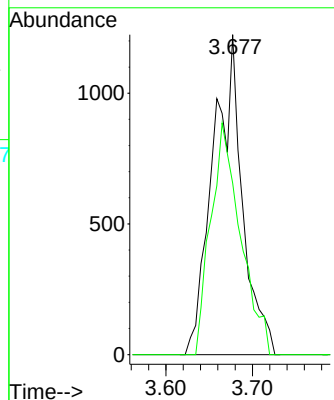
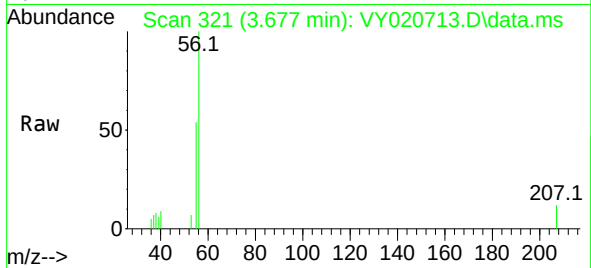




#13
Acrolein
Concen: 143.918 ug/l
RT: 3.677 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

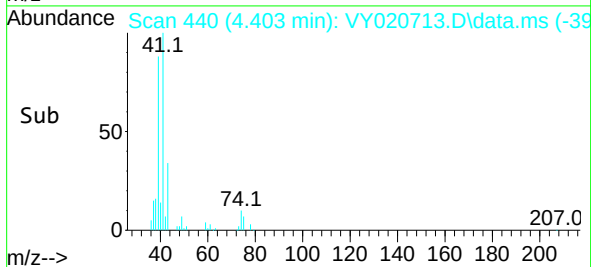
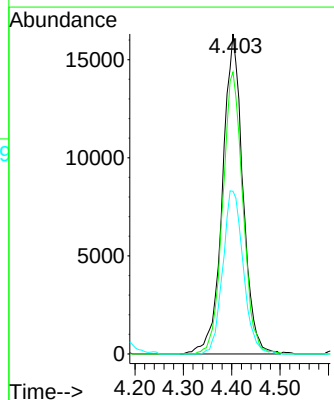
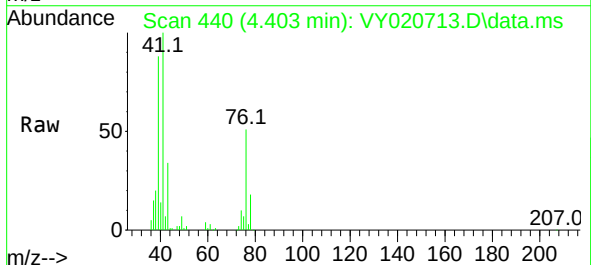
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

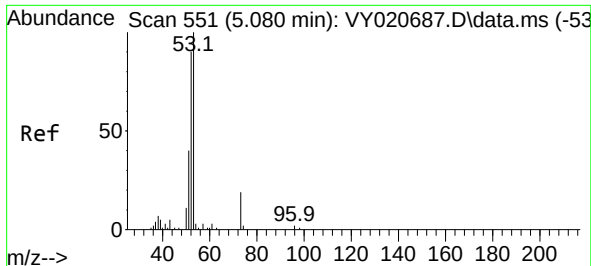
Tgt Ion: 56 Resp: 2881
Ion Ratio Lower Upper
56 100
55 73.5 57.0 85.4



#14
Allyl chloride
Concen: 51.064 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

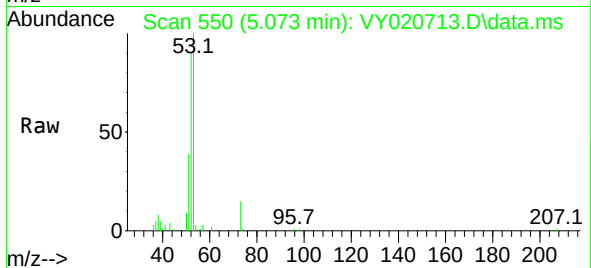
Tgt Ion: 41 Resp: 47747
Ion Ratio Lower Upper
41 100
39 87.2 73.5 110.3
76 51.3 41.8 62.8



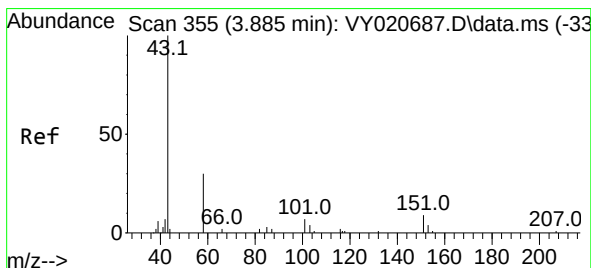
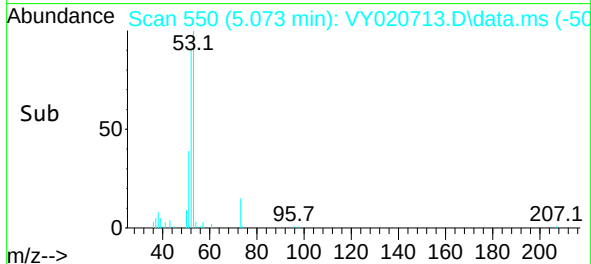
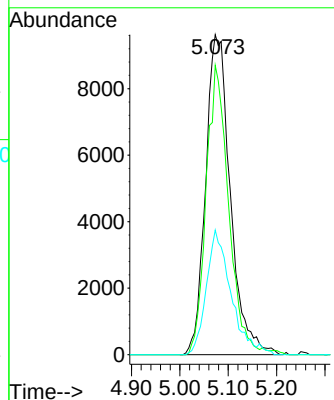


#15
Acrylonitrile
Concen: 226.940 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

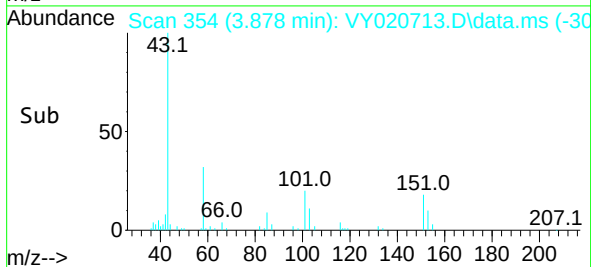
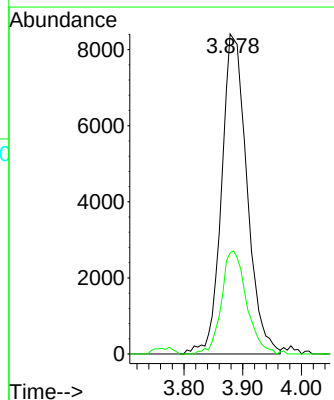
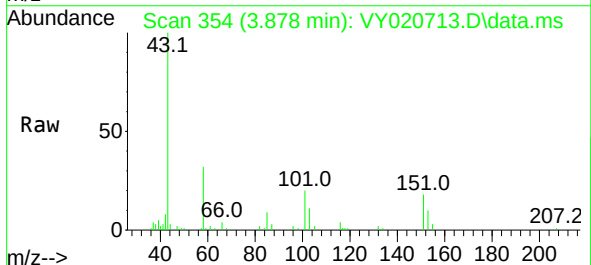


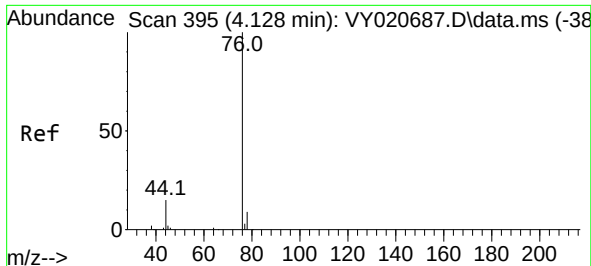
Tgt Ion:	53	Resp:	34113
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.1	100.7
51	38.9	31.4	47.0



#16
Acetone
Concen: 207.840 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.007 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:	43	Resp:	25249
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.0	37.6

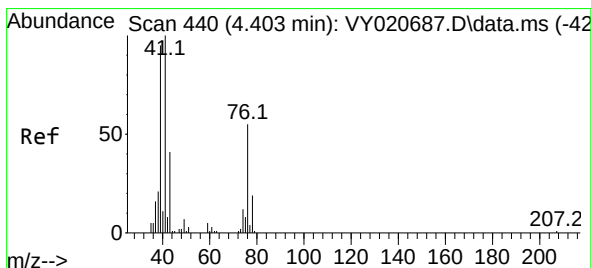
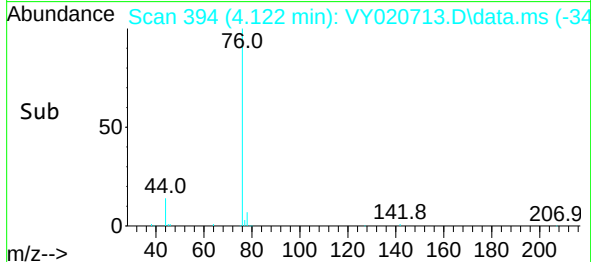
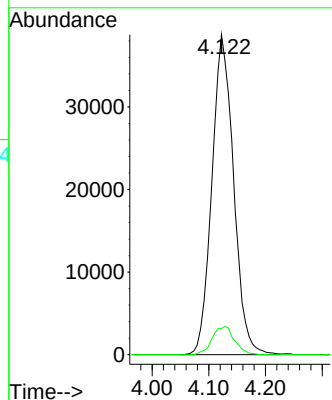
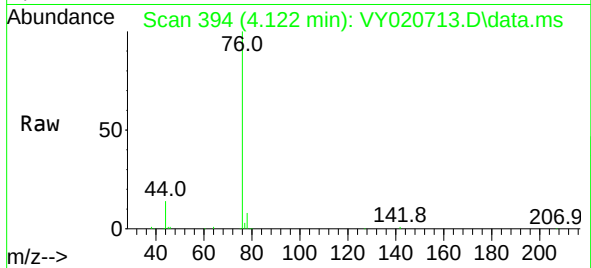




#17
Carbon Disulfide
Concen: 52.554 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

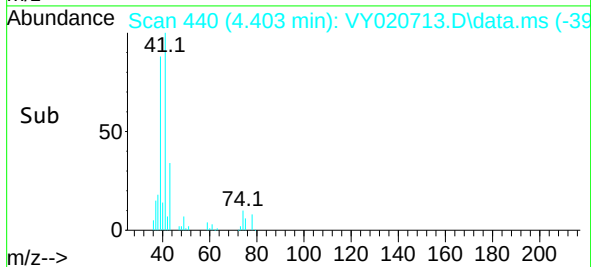
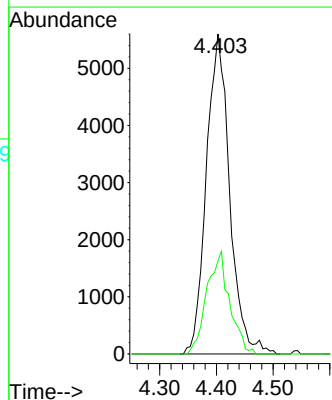
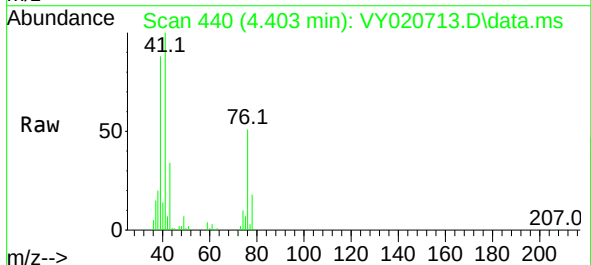
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

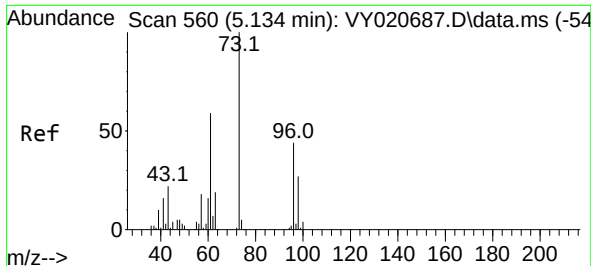
Tgt Ion: 76 Resp: 103010
Ion Ratio Lower Upper
76 100
78 8.2 6.9 10.3



#18
Methyl Acetate
Concen: 48.572 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 43 Resp: 15970
Ion Ratio Lower Upper
43 100
74 31.5 25.3 37.9

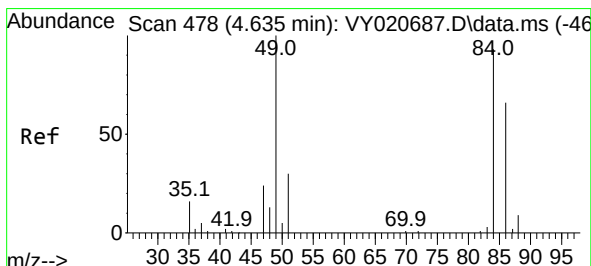
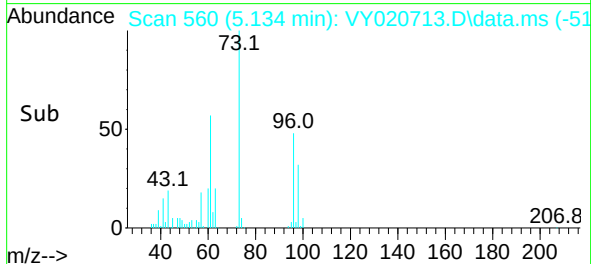
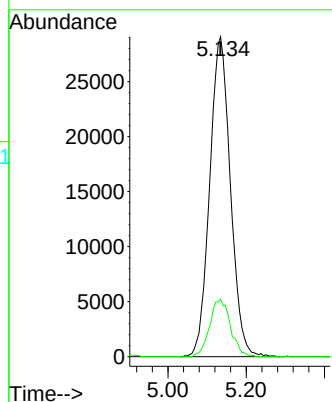
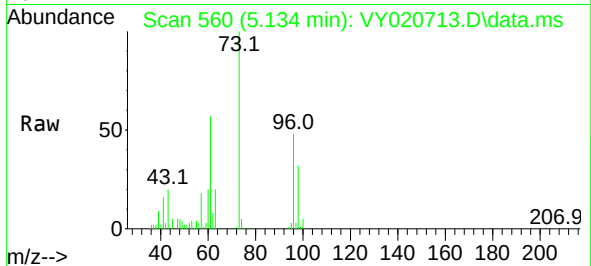




#19
Methyl tert-butyl Ether
Concen: 47.911 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

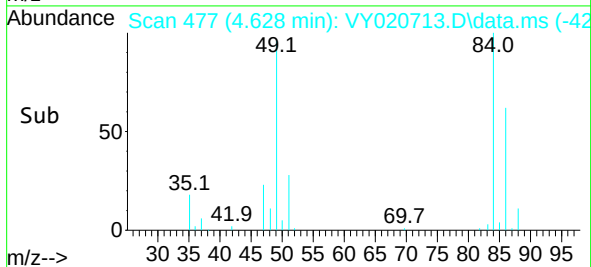
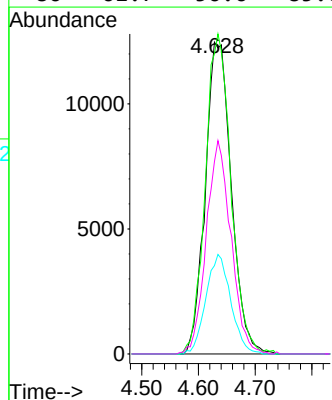
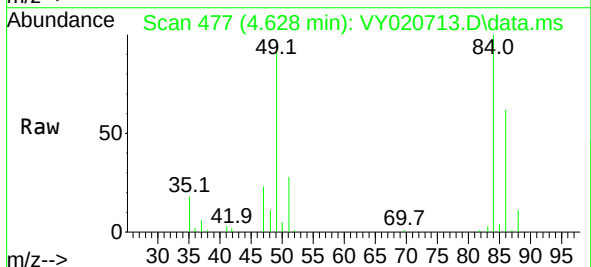
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

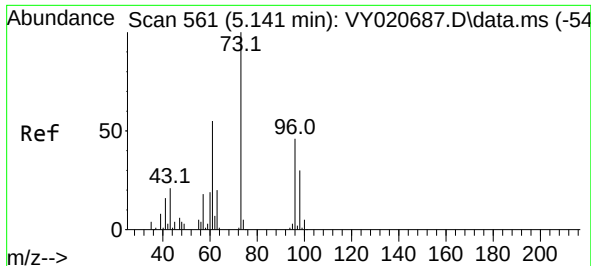
Tgt Ion: 73 Resp: 106703
Ion Ratio Lower Upper
73 100
57 18.0 14.4 21.6



#20
Methylene Chloride
Concen: 50.306 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 84 Resp: 39747
Ion Ratio Lower Upper
84 100
49 96.3 86.4 129.6
51 28.3 25.5 38.3
86 61.7 56.6 85.0

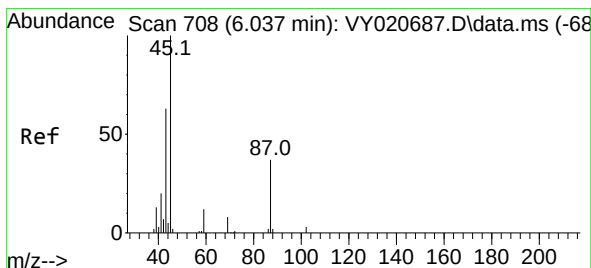
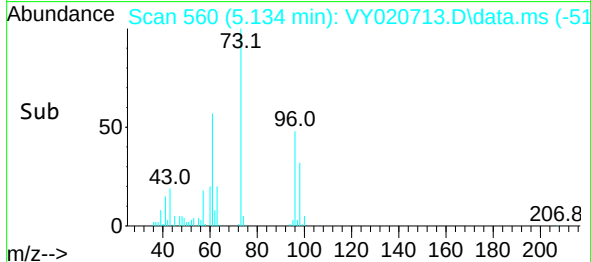
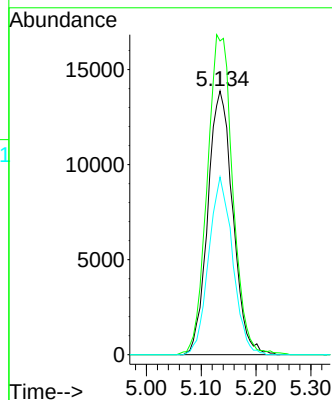
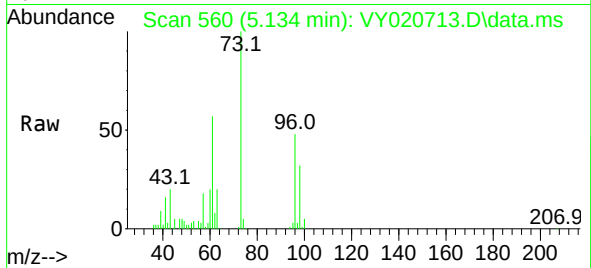




#21
trans-1,2-Dichloroethene
Concen: 50.999 ug/l
RT: 5.134 min Scan# 50
Delta R.T. -0.007 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

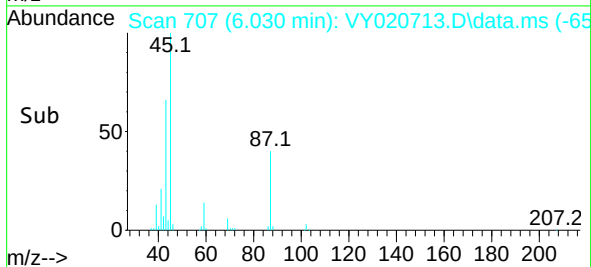
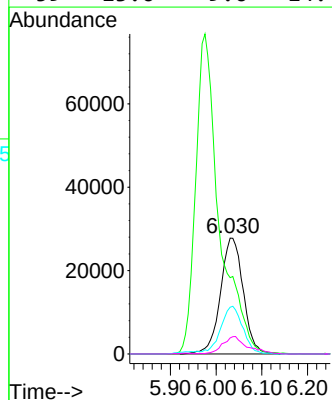
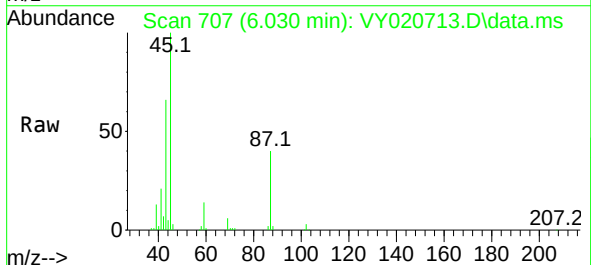
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

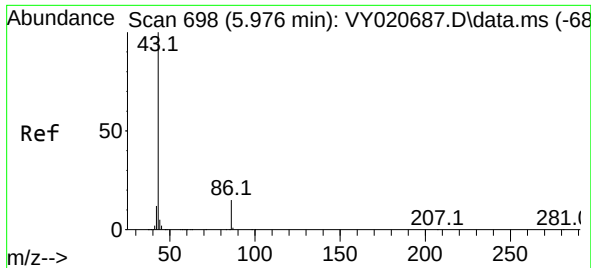
Tgt Ion: 96 Resp: 43912
Ion Ratio Lower Upper
96 100
61 118.5 96.1 144.1
98 67.4 52.7 79.1



#22
Diisopropyl ether
Concen: 50.460 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.007 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 45 Resp: 95914
Ion Ratio Lower Upper
45 100
43 65.3 51.3 76.9
87 40.3 30.6 46.0
59 13.6 9.6 14.4

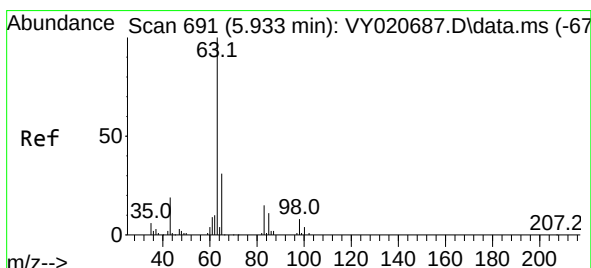
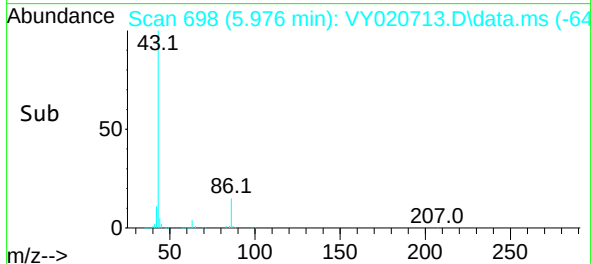
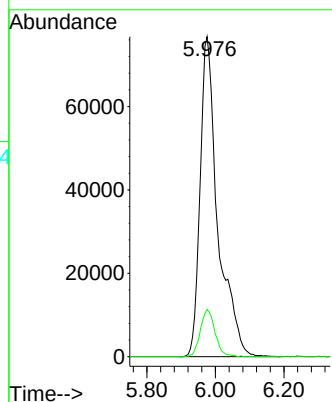
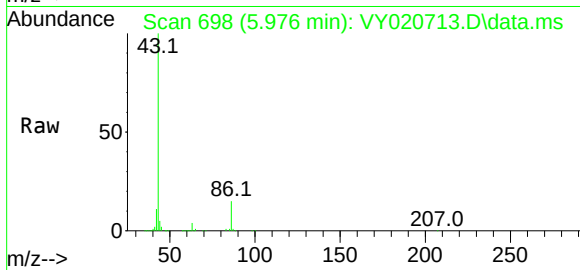




#23
 Vinyl Acetate
 Concen: 242.987 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY020713.D
 Acq: 26 Dec 2024 12:51

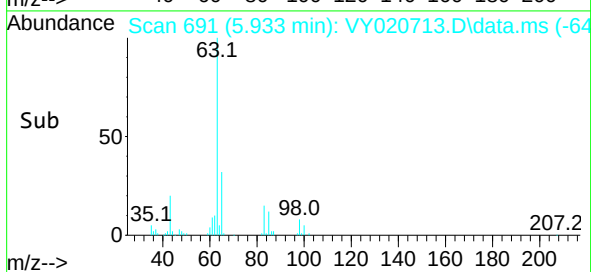
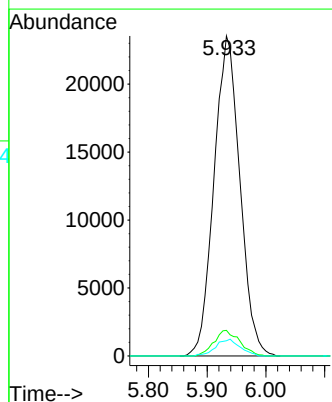
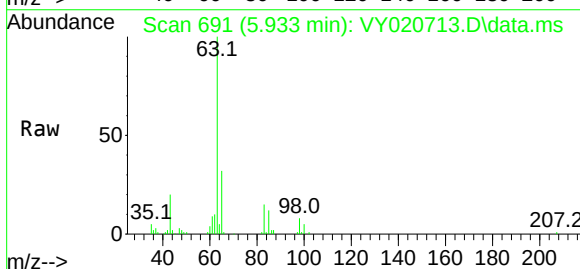
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122624

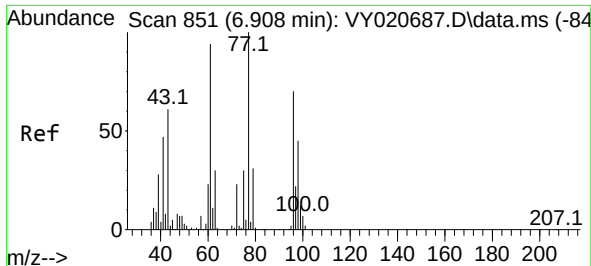
Tgt Ion: 43 Resp: 275873
 Ion Ratio Lower Upper
 43 100
 86 14.8 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 50.544 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY020713.D
 Acq: 26 Dec 2024 12:51

Tgt Ion: 63 Resp: 72030
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 225.260 ug/l

RT: 6.908 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

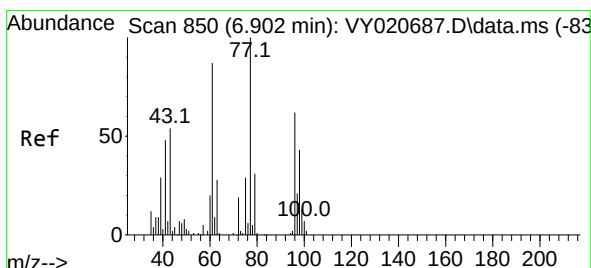
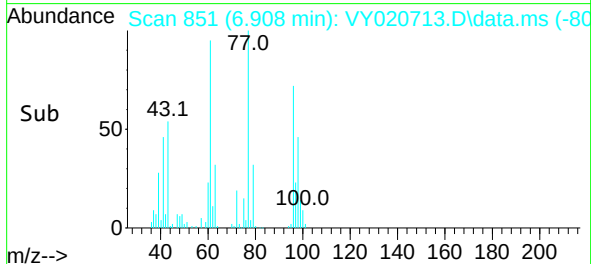
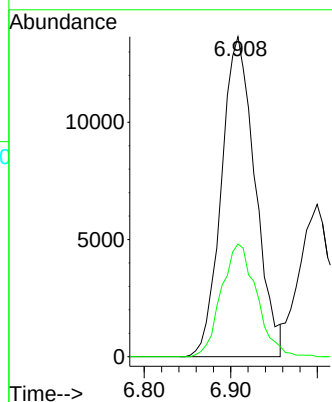
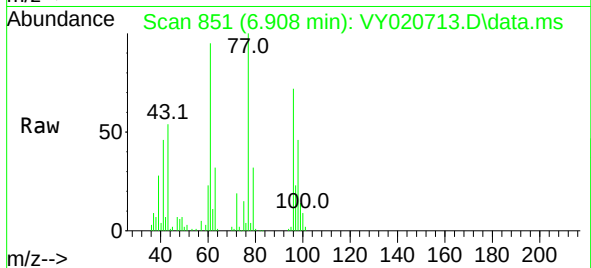
ICVVY122624

Tgt Ion: 43 Resp: 36966

Ion Ratio Lower Upper

43 100

72 35.2 29.5 44.3



#26

2,2-Dichloropropane

Concen: 47.328 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020713.D

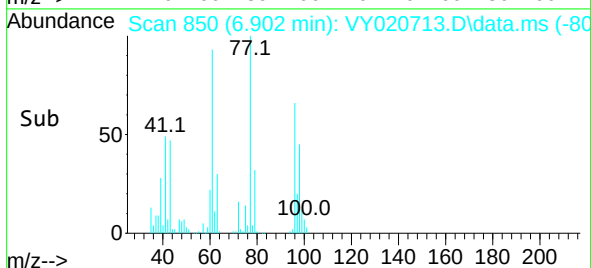
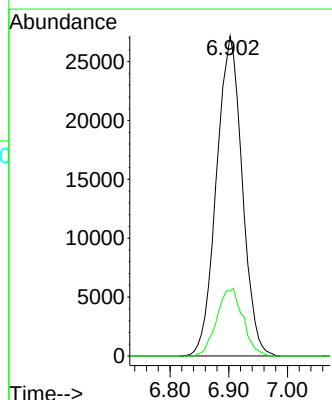
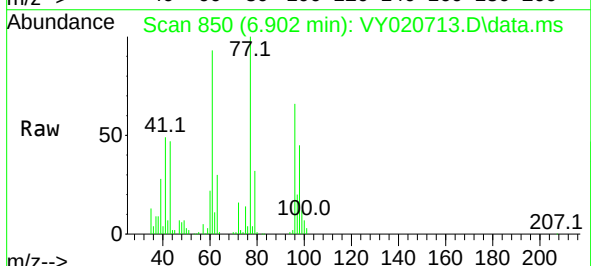
Acq: 26 Dec 2024 12:51

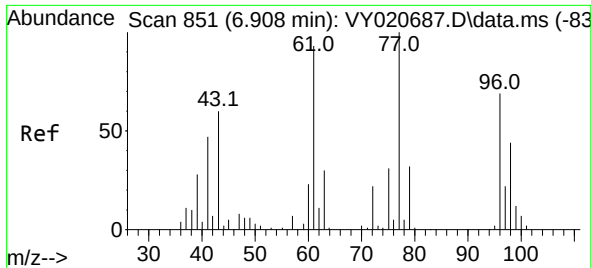
Tgt Ion: 77 Resp: 82553

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.4



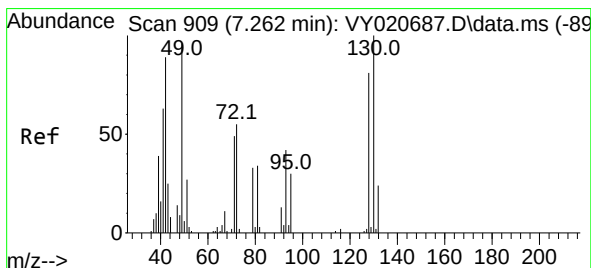
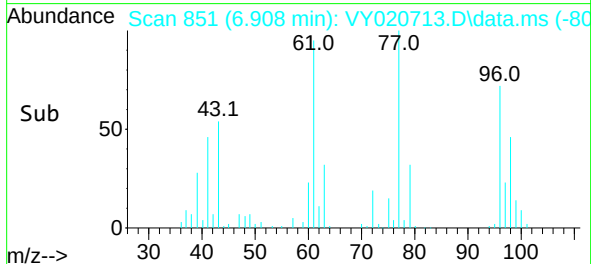
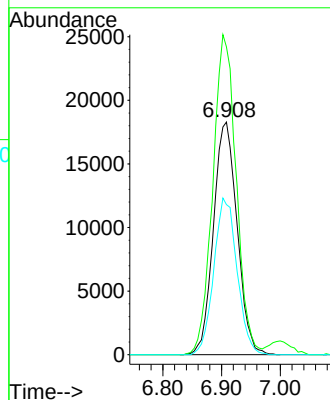
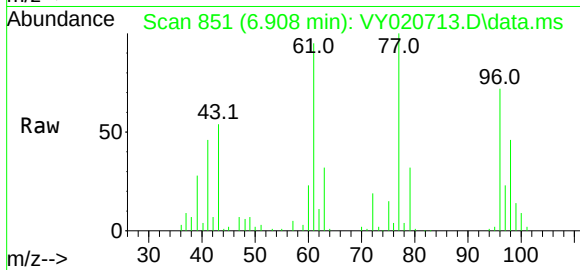


#27
 cis-1,2-Dichloroethene
 Concen: 49.666 ug/l
 RT: 6.908 min Scan# 851
 Delta R.T. 0.000 min
 Lab File: VY020713.D
 Acq: 26 Dec 2024 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY122624

Tgt Ion: 96 Resp: 51212

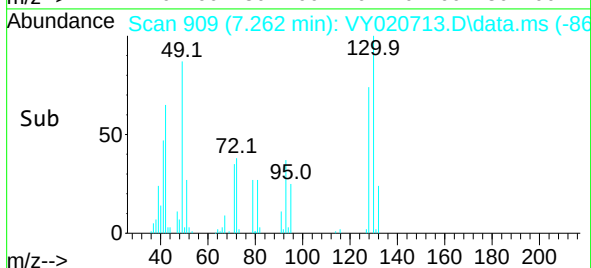
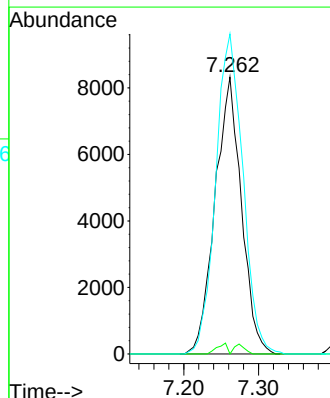
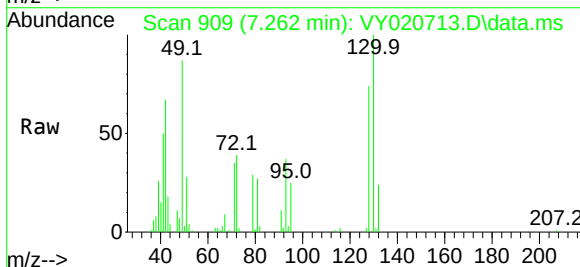
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	277.2
98	66.0	0.0	131.0

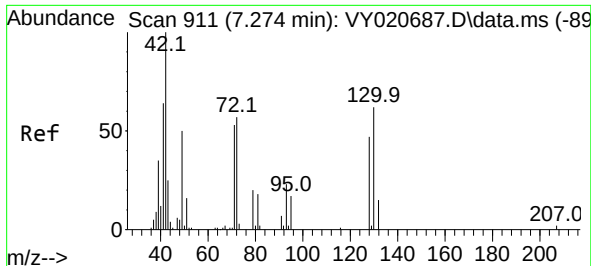


#28
 Bromochloromethane
 Concen: 54.165 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: VY020713.D
 Acq: 26 Dec 2024 12:51

Tgt Ion: 49 Resp: 20413

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.4
130	119.2	87.2	130.8





#29

Tetrahydrofuran

Concen: 224.521 ug/l

RT: 7.280 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

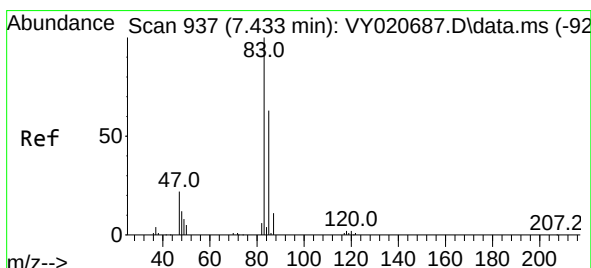
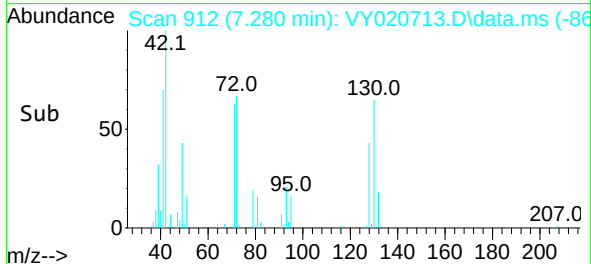
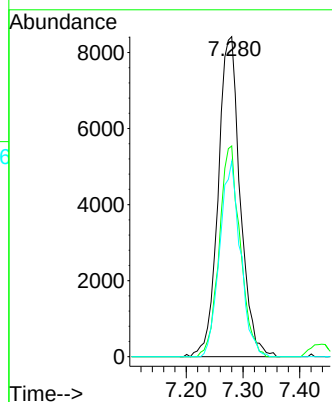
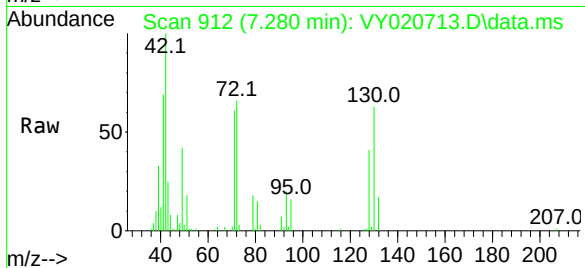
Tgt Ion: 42 Resp: 22616

Ion Ratio Lower Upper

42 100

72 63.0 47.4 71.0

71 57.5 42.8 64.2



#30

Chloroform

Concen: 48.353 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.000 min

Lab File: VY020713.D

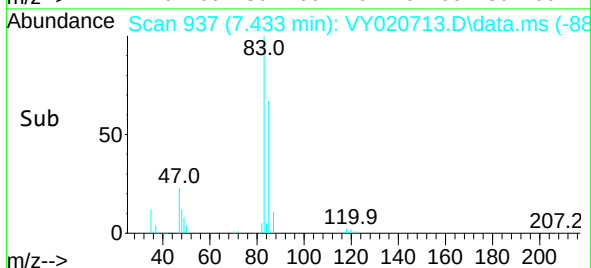
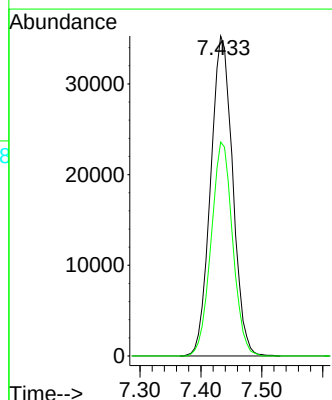
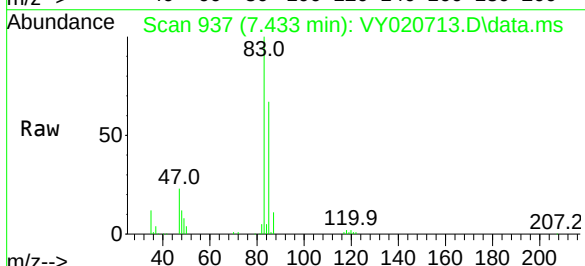
Acq: 26 Dec 2024 12:51

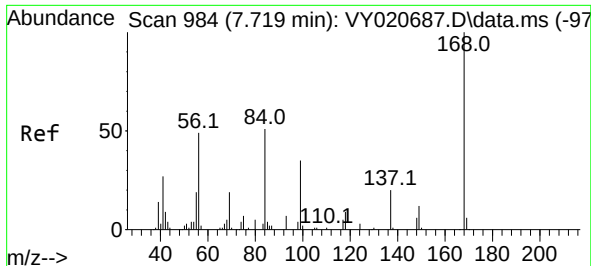
Tgt Ion: 83 Resp: 88644

Ion Ratio Lower Upper

83 100

85 66.9 50.2 75.2

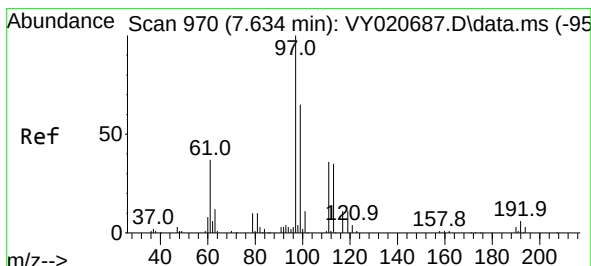
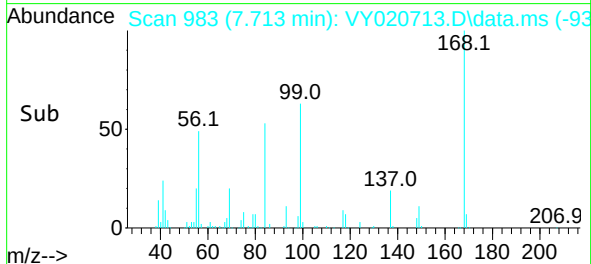
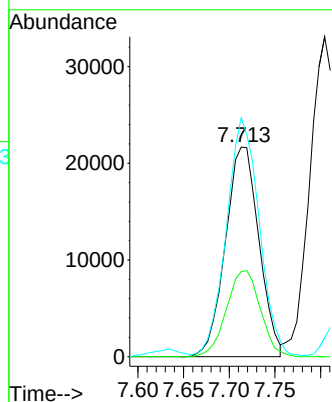
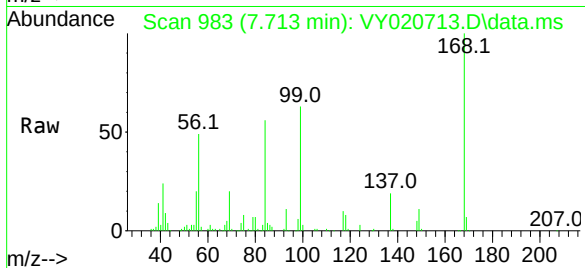




#31
Cyclohexane
Concen: 44.979 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

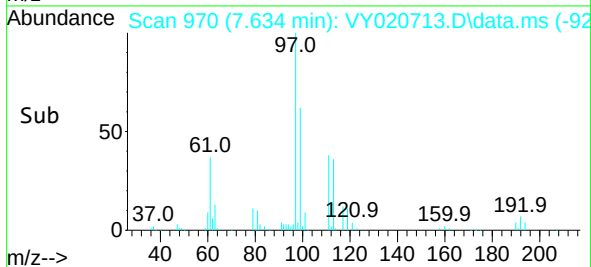
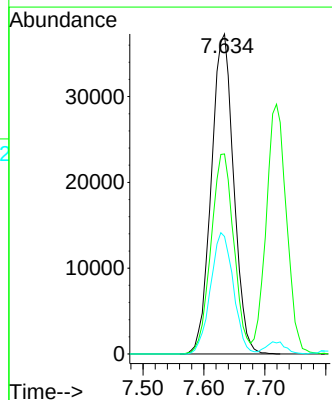
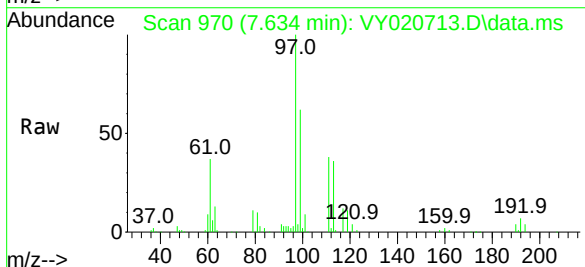
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122624

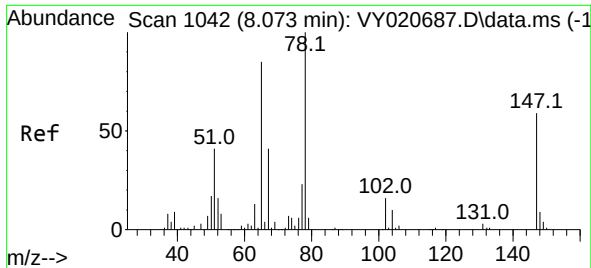
Tgt Ion: 56 Resp: 55329
Ion Ratio Lower Upper
56 100
69 40.6 31.3 46.9
84 111.9 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 48.484 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 97 Resp: 95277
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 38.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 52.910 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

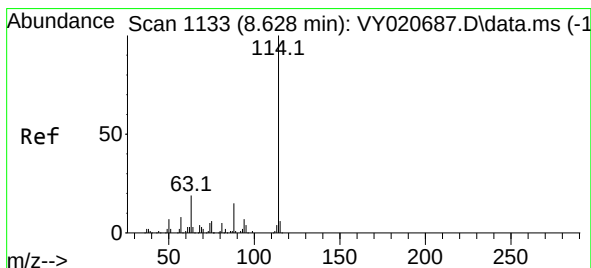
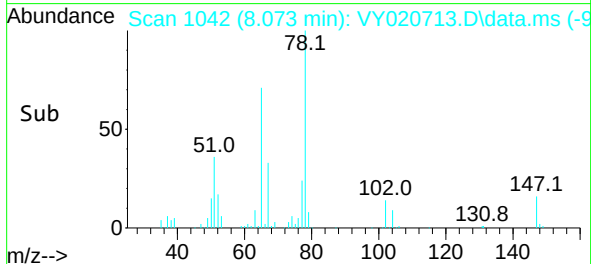
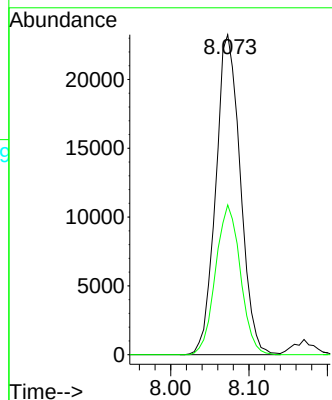
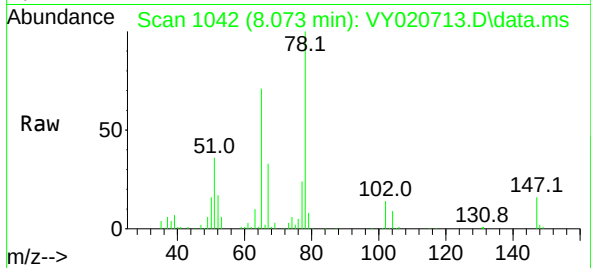
ICVVY122624

Tgt Ion: 65 Resp: 50667

Ion Ratio Lower Upper

65 100

67 47.3 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.007 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

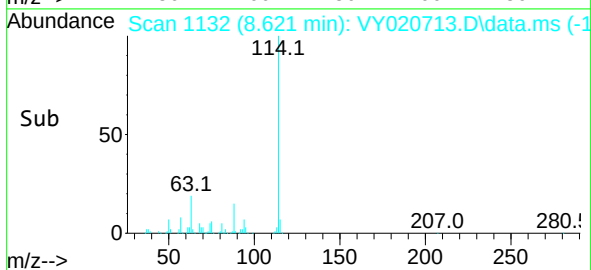
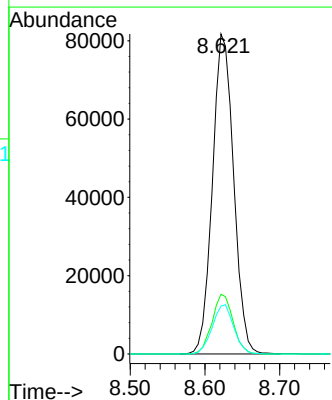
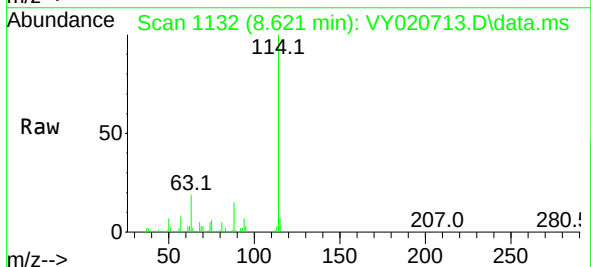
Tgt Ion: 114 Resp: 160856

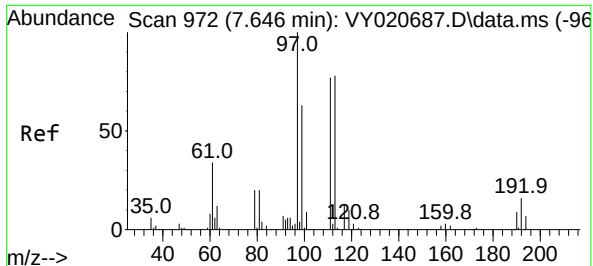
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.779 ug/l

RT: 7.646 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

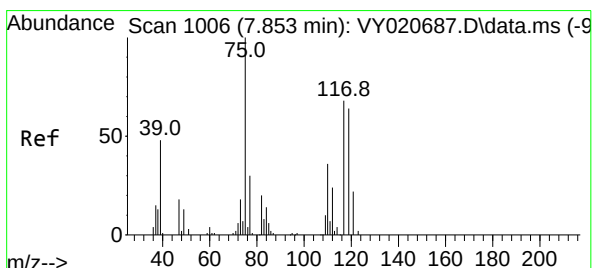
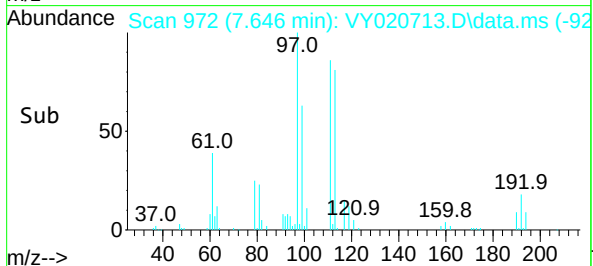
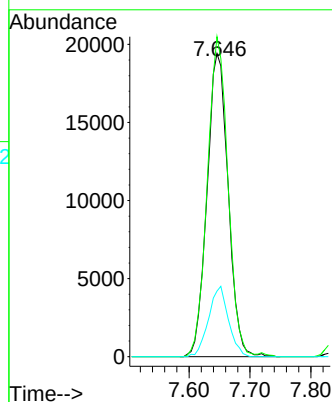
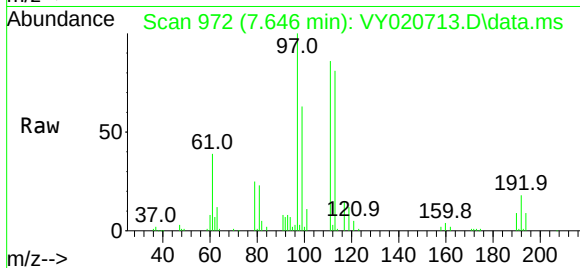
Tgt Ion:113 Resp: 46763

Ion Ratio Lower Upper

113 100

111 102.9 79.8 119.8

192 21.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 49.340 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

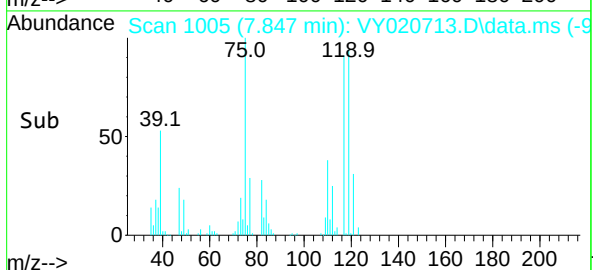
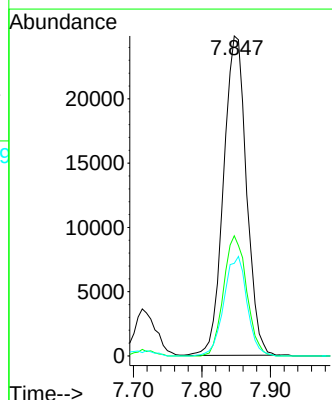
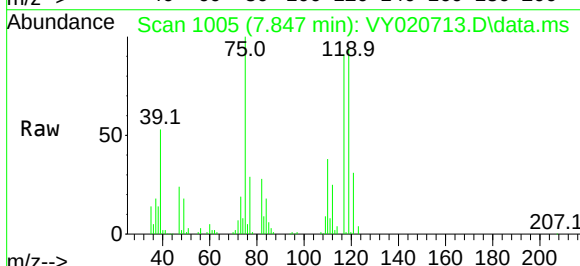
Tgt Ion: 75 Resp: 57746

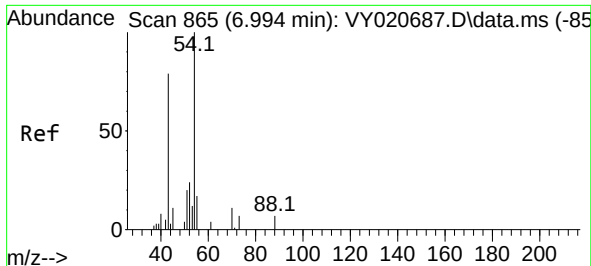
Ion Ratio Lower Upper

75 100

110 37.7 19.6 58.7

77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 46.791 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

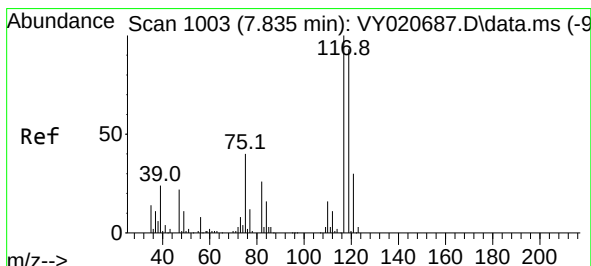
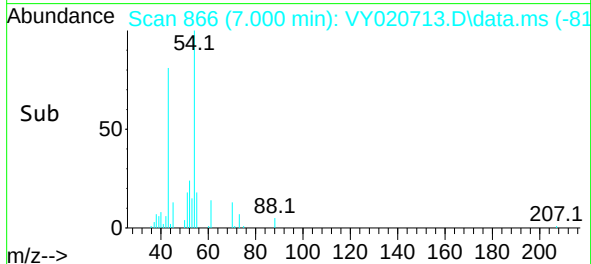
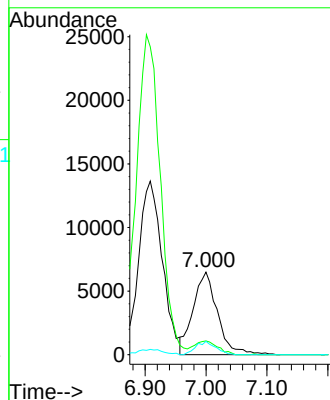
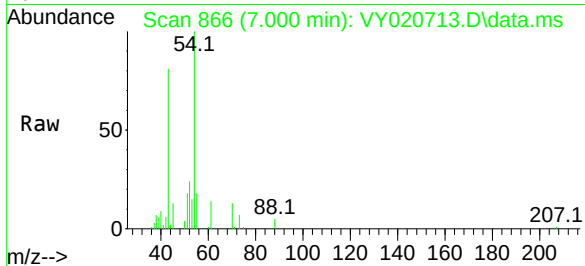
Tgt Ion: 43 Resp: 18046

Ion Ratio Lower Upper

43 100

61 16.1 11.7 17.5

70 13.0 11.0 16.4



#38

Carbon Tetrachloride

Concen: 49.087 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

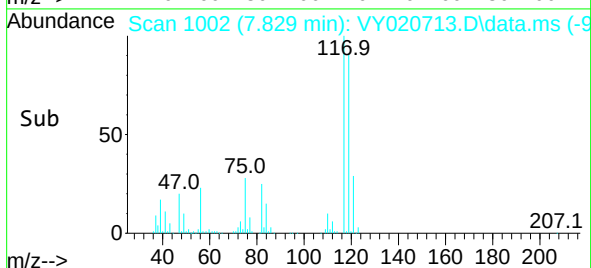
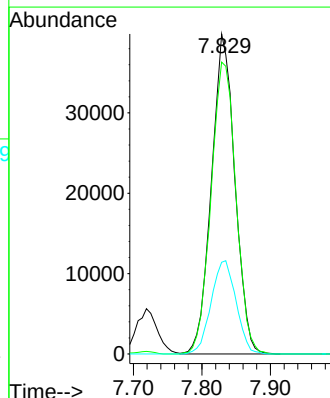
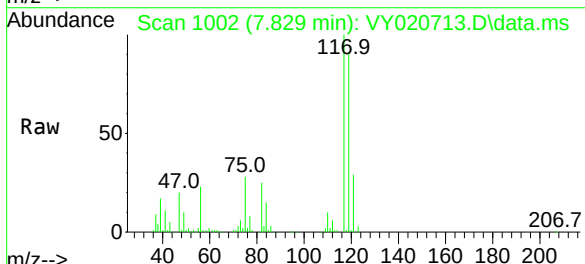
Tgt Ion: 117 Resp: 94603

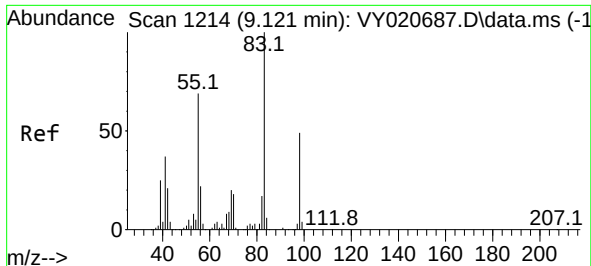
Ion Ratio Lower Upper

117 100

119 91.2 74.4 111.6

121 28.6 24.2 36.2





#39

Methylcyclohexane

Concen: 50.860 ug/l

RT: 9.121 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

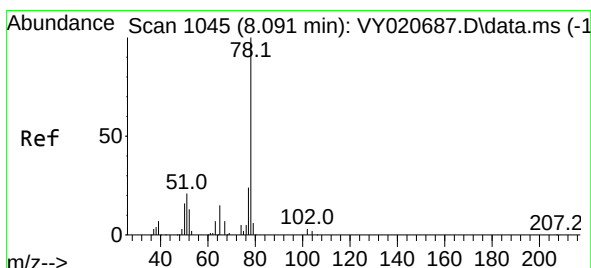
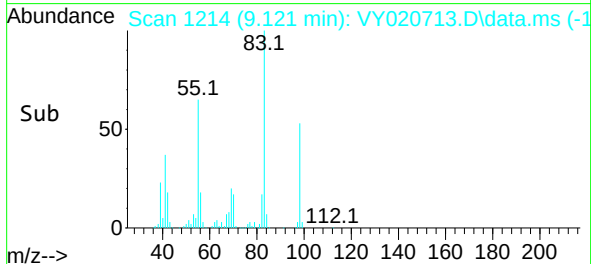
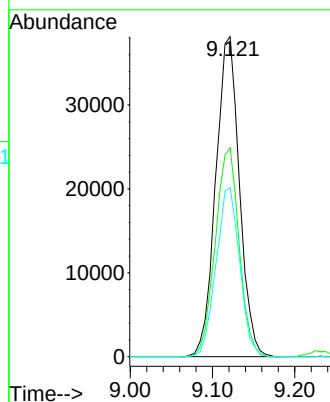
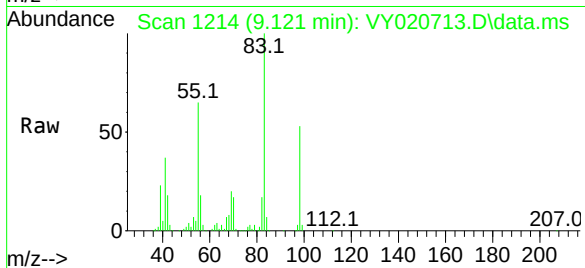
Tgt Ion: 83 Resp: 76295

Ion Ratio Lower Upper

83 100

55 65.3 55.0 82.4

98 52.8 39.0 58.6



#40

Benzene

Concen: 51.214 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VY020713.D

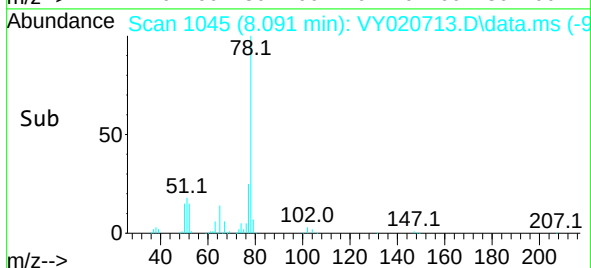
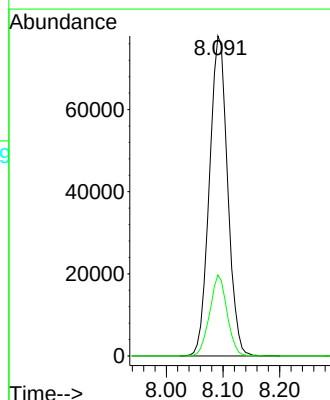
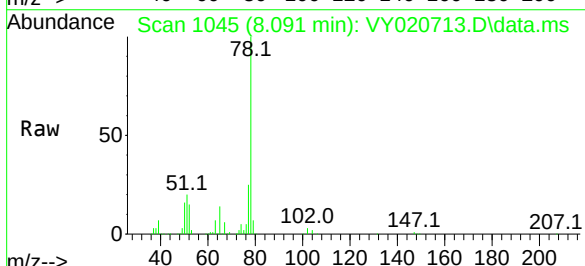
Acq: 26 Dec 2024 12:51

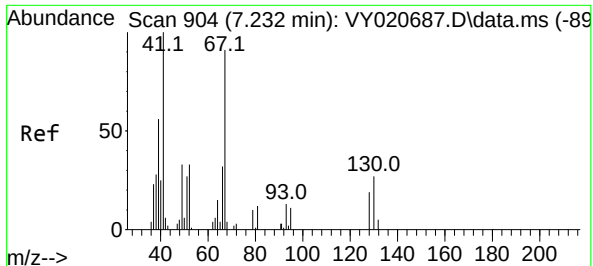
Tgt Ion: 78 Resp: 173716

Ion Ratio Lower Upper

78 100

77 25.3 19.2 28.8

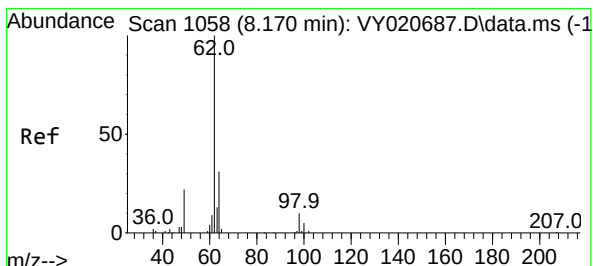
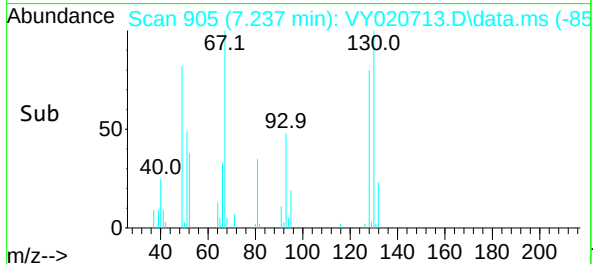
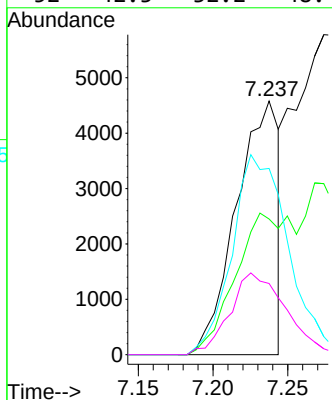
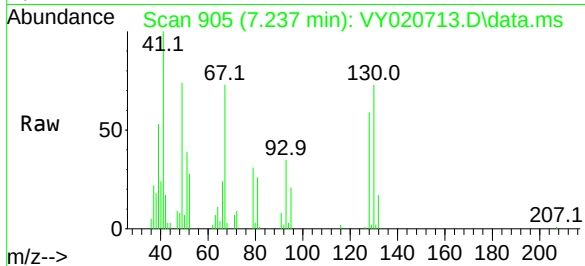




#41
Methacrylonitrile
Concen: 46.896 ug/l
RT: 7.237 min Scan# 904
Delta R.T. 0.005 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

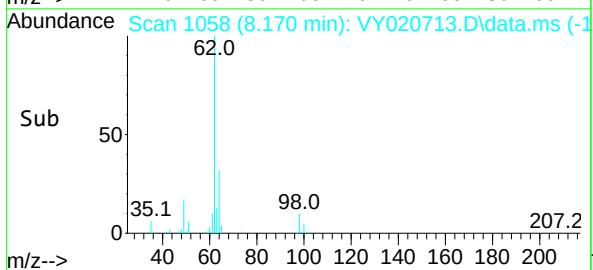
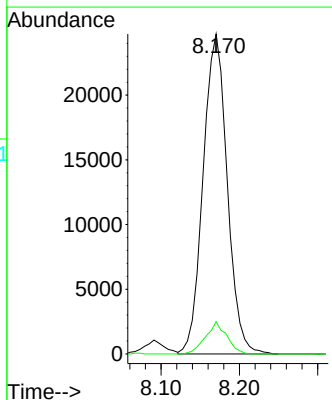
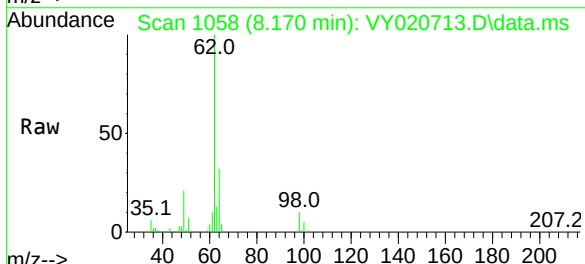
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122624

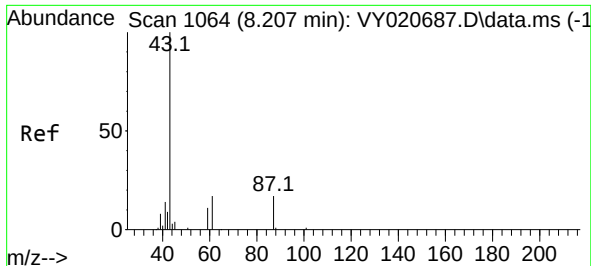
Tgt Ion:	41	Resp:	9136
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.6	70.0
67	103.5	74.7	112.1
52	42.3	32.2	48.4



#42
1,2-Dichloroethane
Concen: 48.661 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:	62	Resp:	52925
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6

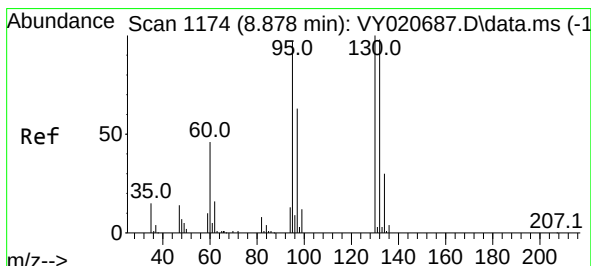
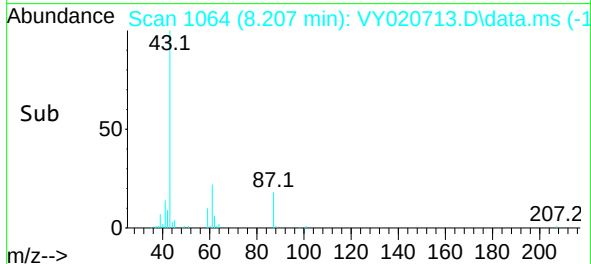
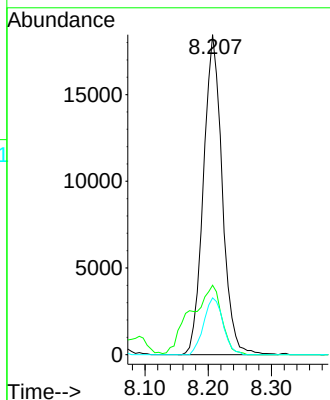
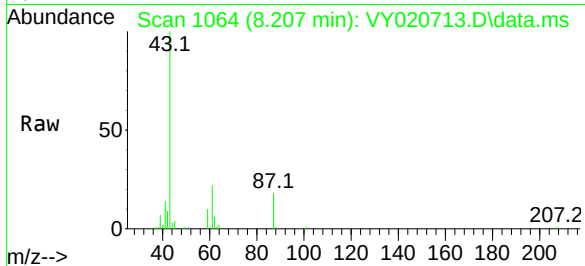




#43
Isopropyl Acetate
Concen: 46.479 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

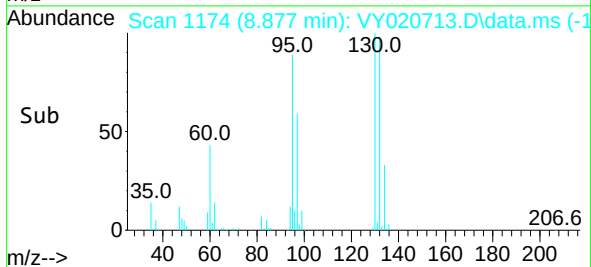
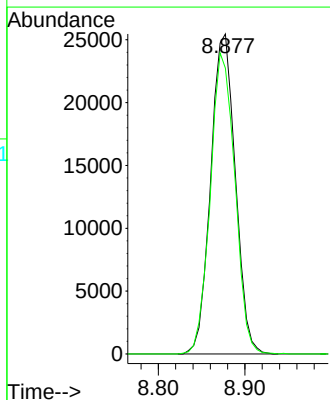
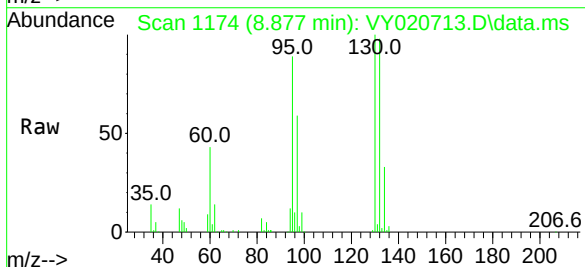
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122624

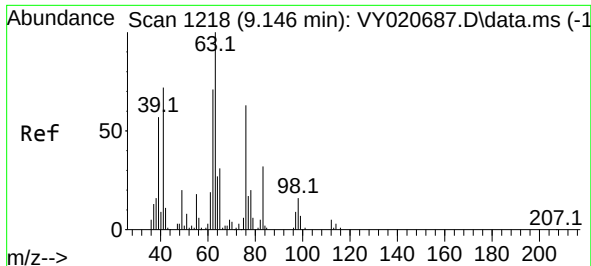
Tgt Ion: 43 Resp: 38101
Ion Ratio Lower Upper
43 100
61 35.8 27.0 40.4
87 18.3 14.2 21.4



#44
Trichloroethene
Concen: 49.703 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. -0.001 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:130 Resp: 50355
Ion Ratio Lower Upper
130 100
95 89.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.593 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

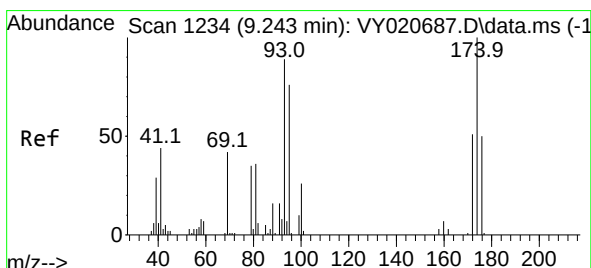
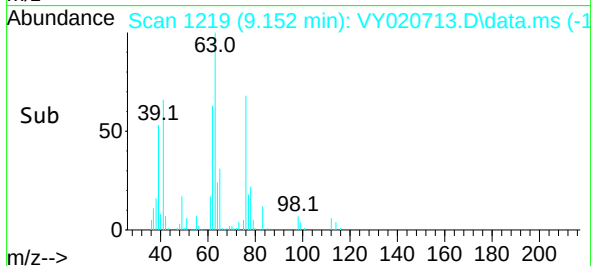
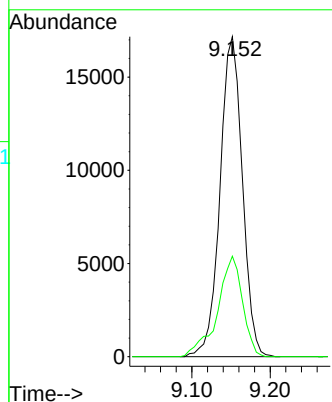
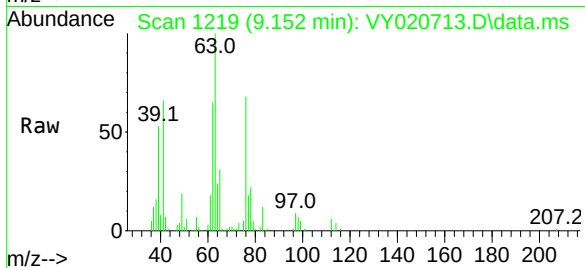
ICVY122624

Tgt Ion: 63 Resp: 34051

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 46.666 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

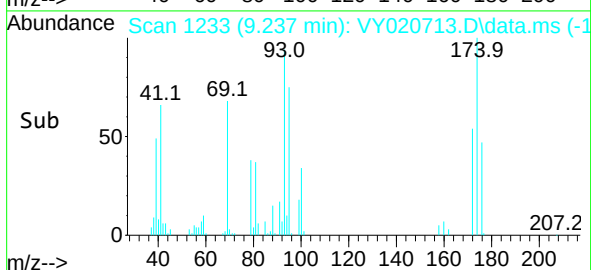
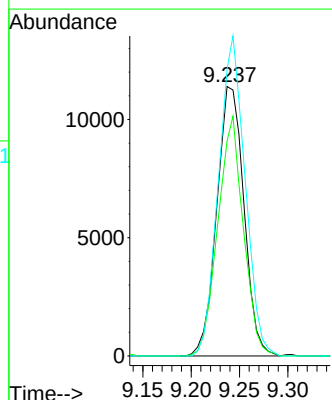
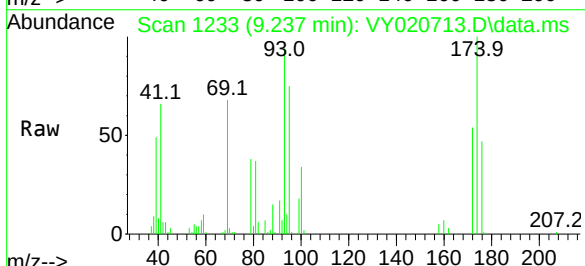
Tgt Ion: 93 Resp: 22170

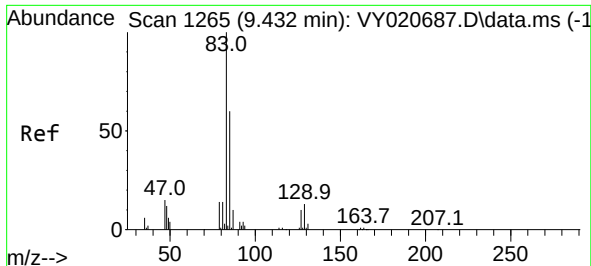
Ion Ratio Lower Upper

93 100

95 83.8 67.8 101.8

174 115.7 89.4 134.0

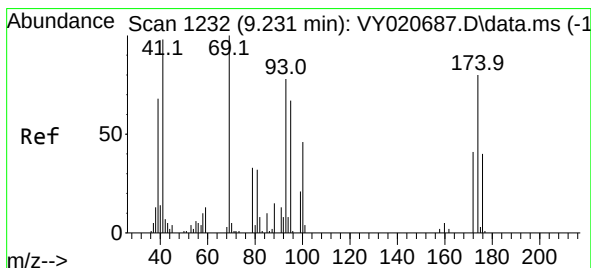
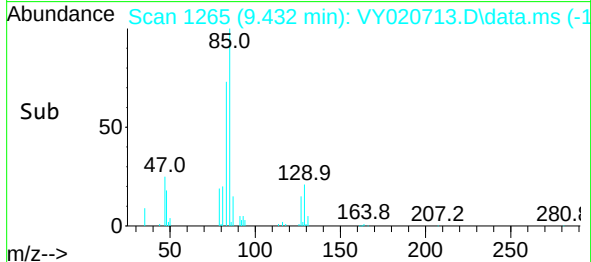
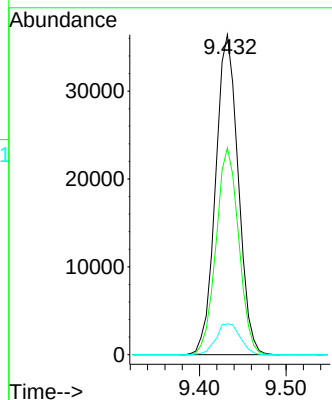
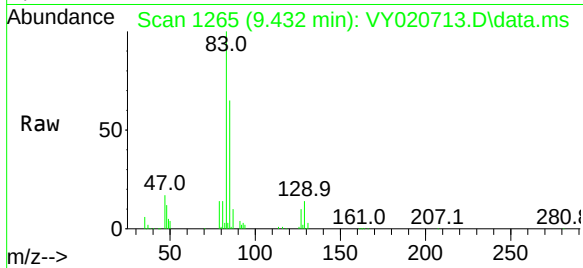




#47
Bromodichloromethane
Concen: 48.995 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

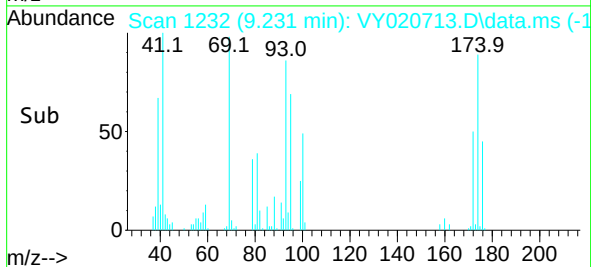
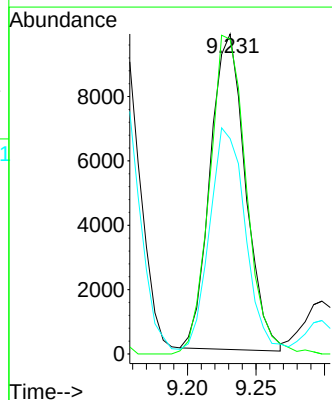
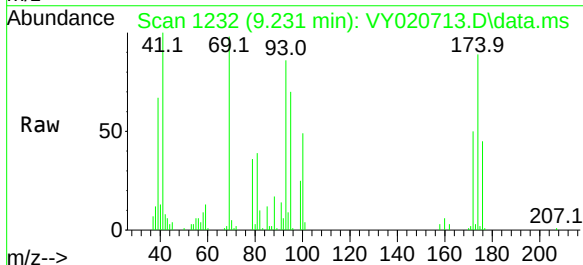
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

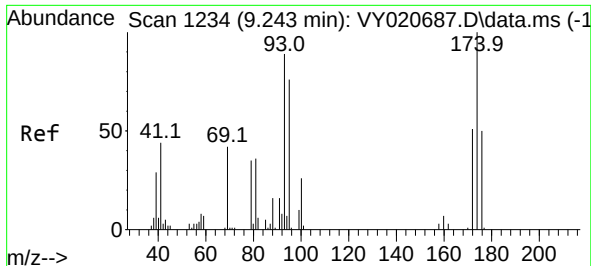
Tgt Ion:	83	Resp:	65991
Ion	Ratio	Lower	Upper
83	100		
85	64.6	47.6	71.4
127	9.6	7.9	11.9



#48
Methyl methacrylate
Concen: 45.829 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:	41	Resp:	17544
Ion	Ratio	Lower	Upper
41	100		
69	105.1	83.1	124.7
39	71.1	57.3	85.9





#49

1,4-Dioxane

Concen: 998.617 ug/l

RT: 9.237 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

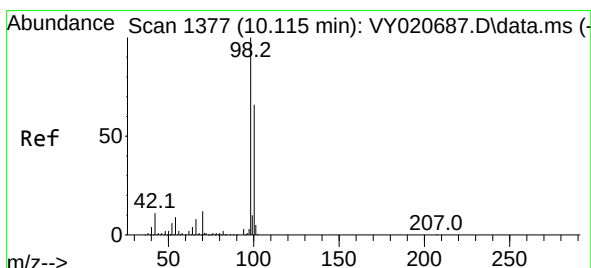
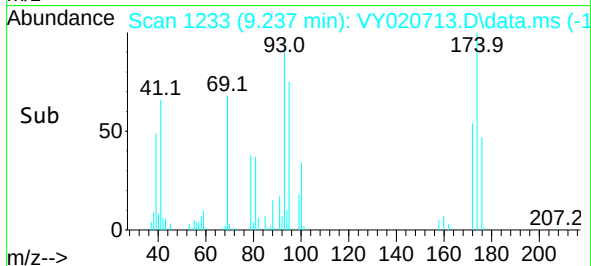
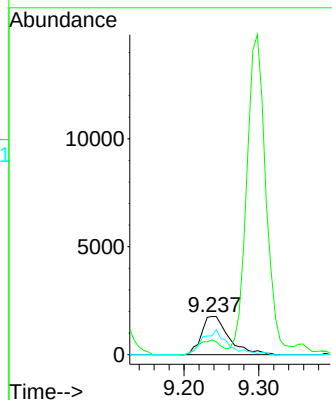
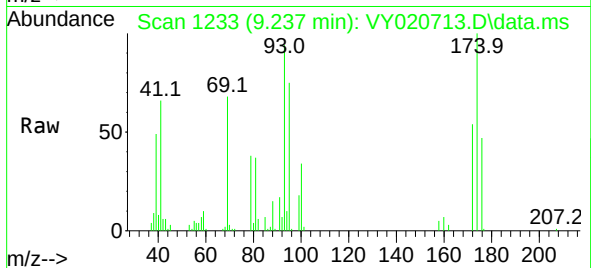
Tgt Ion: 88 Resp: 4519

Ion Ratio Lower Upper

88 100

43 31.2 22.1 33.1

58 59.8 46.7 70.1



#50

Toluene-d8

Concen: 52.171 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020713.D

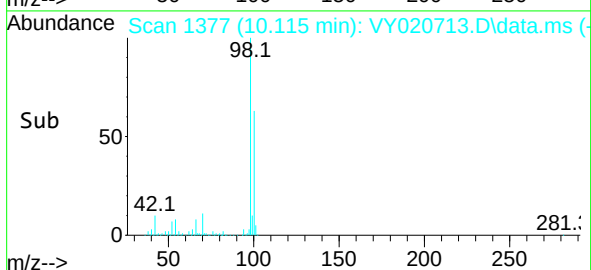
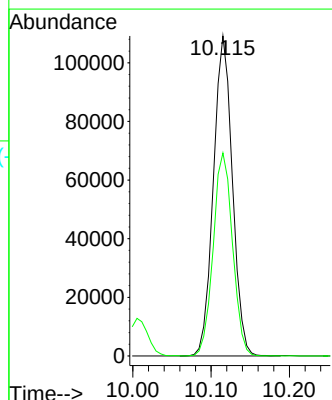
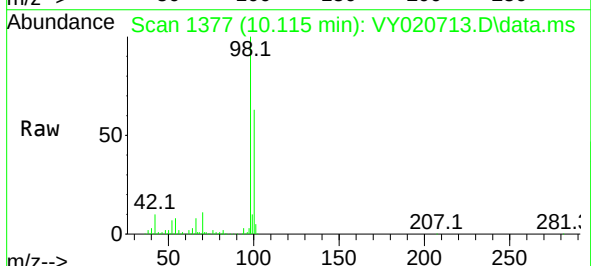
Acq: 26 Dec 2024 12:51

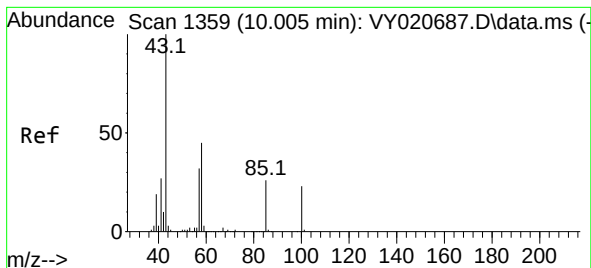
Tgt Ion: 98 Resp: 184089

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

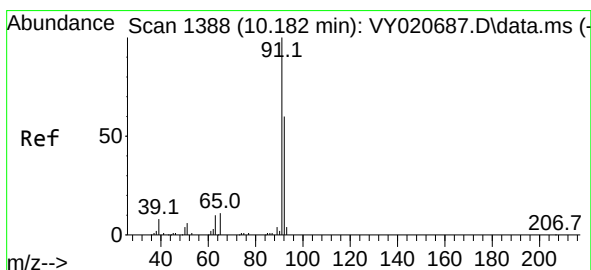
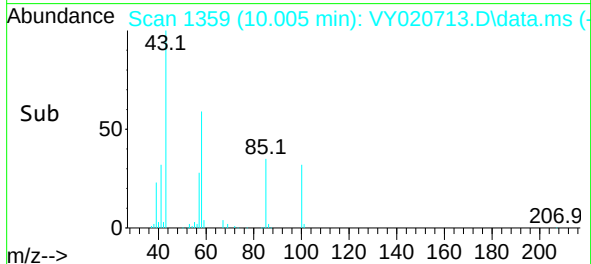
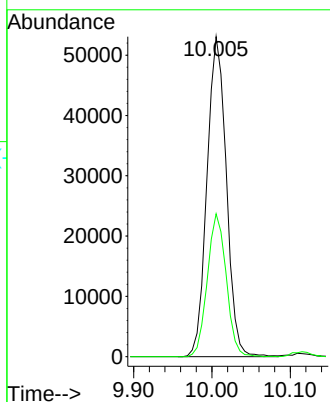
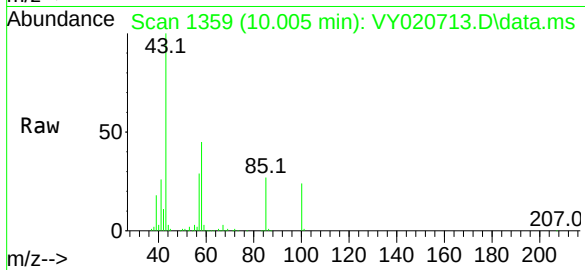




#51
4-Methyl-2-Pentanone
Concen: 230.147 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

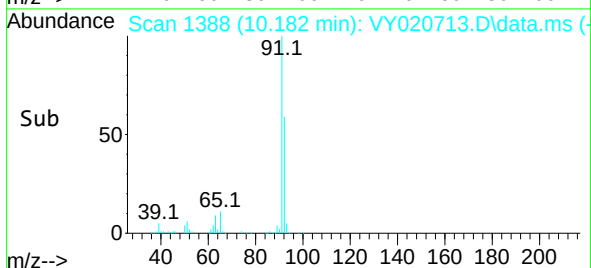
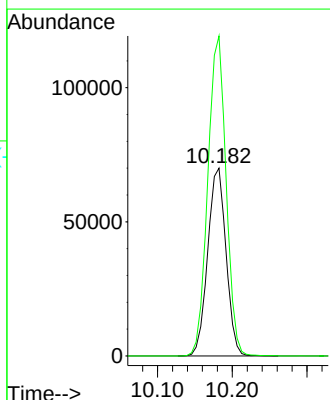
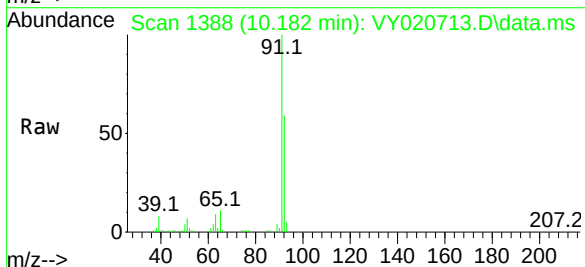
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122624

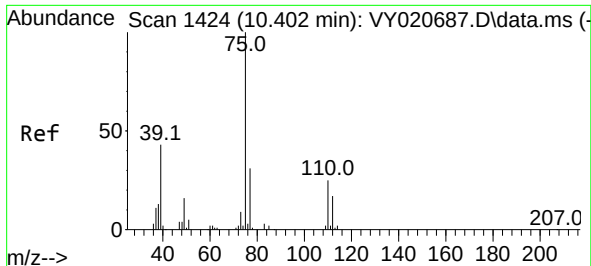
Tgt Ion: 43 Resp: 91062
Ion Ratio Lower Upper
43 100
58 43.5 35.1 52.7



#52
Toluene
Concen: 51.455 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 92 Resp: 119622
Ion Ratio Lower Upper
92 100
91 169.7 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 48.805 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

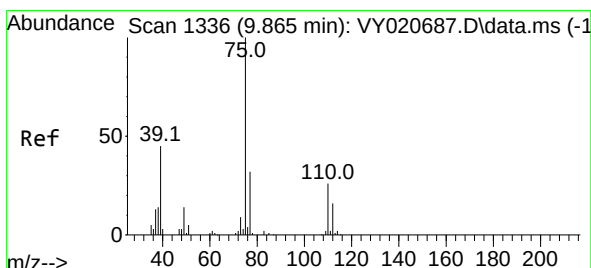
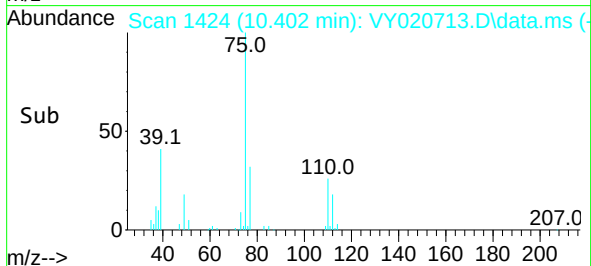
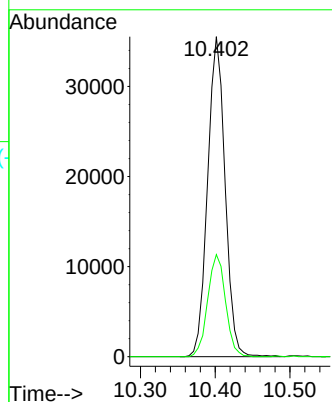
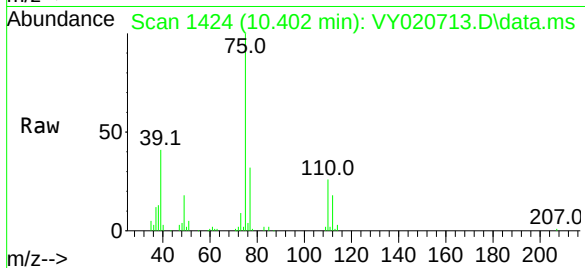
ICVVY122624

Tgt Ion: 75 Resp: 57734

Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.949 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

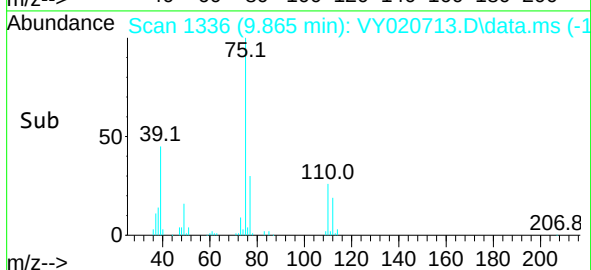
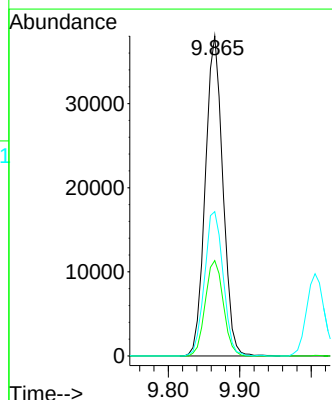
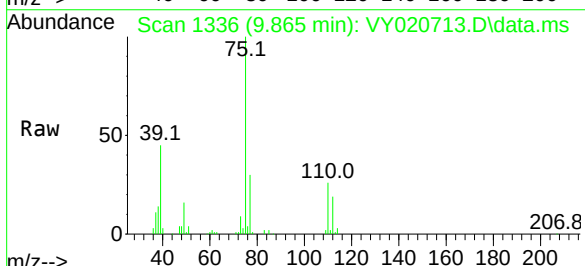
Tgt Ion: 75 Resp: 64766

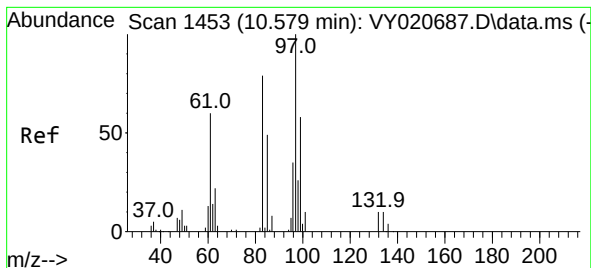
Ion Ratio Lower Upper

75 100

77 29.8 25.6 38.4

39 45.1 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 48.206 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.001 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

Tgt Ion: 97 Resp: 29233

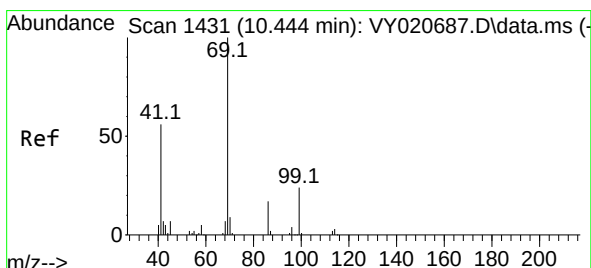
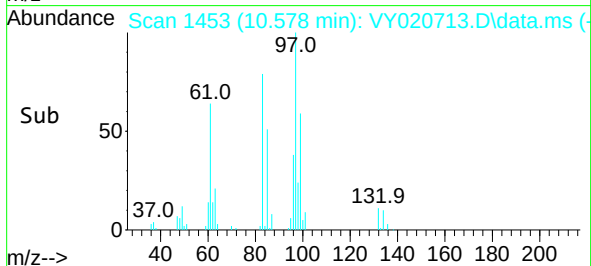
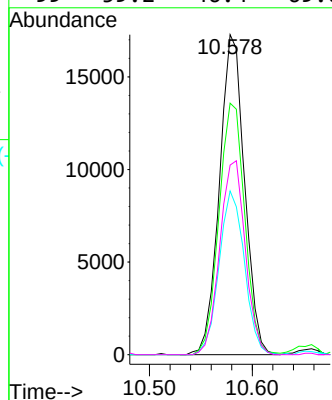
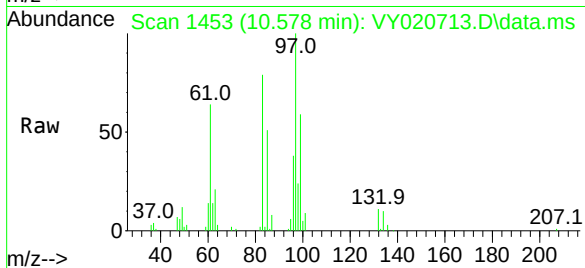
Ion Ratio Lower Upper

97 100

83 78.6 63.1 94.7

85 51.1 39.5 59.3

99 59.2 46.4 69.6



#56

Ethyl methacrylate

Concen: 46.506 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

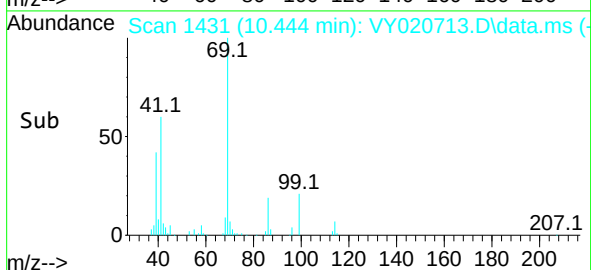
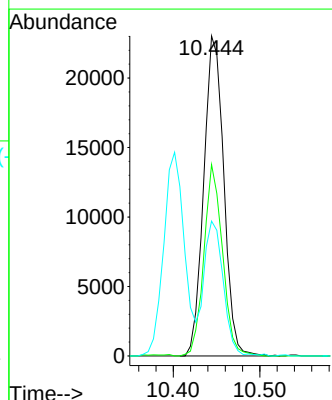
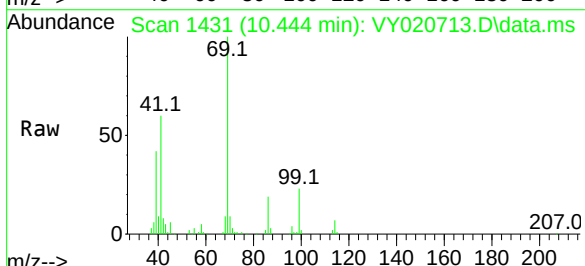
Tgt Ion: 69 Resp: 37050

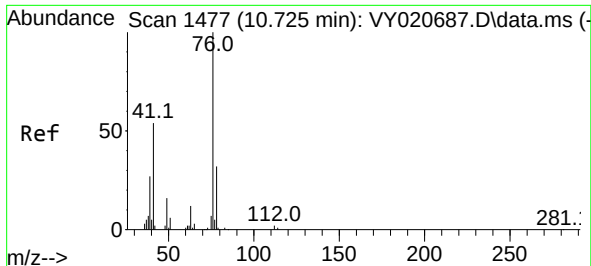
Ion Ratio Lower Upper

69 100

41 55.6 43.8 65.6

39 40.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.234 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

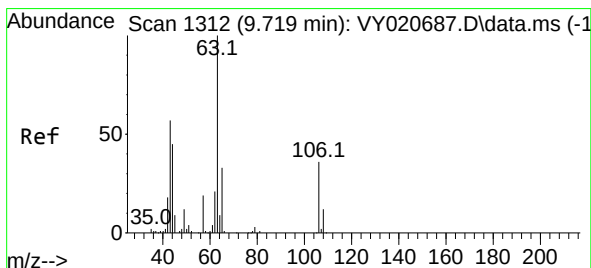
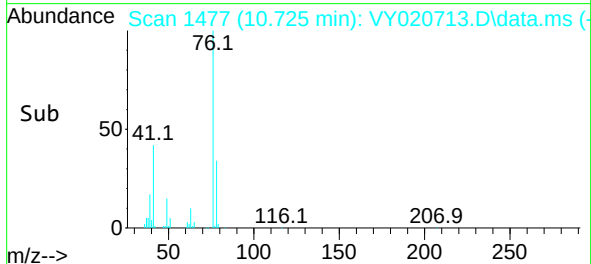
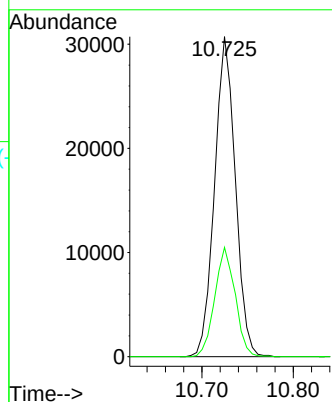
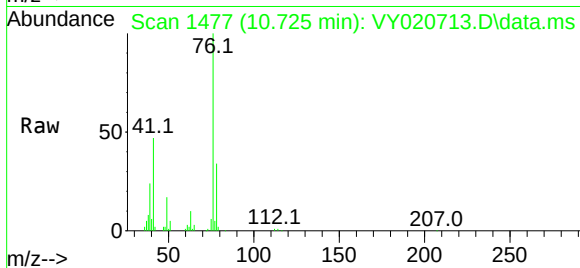
ICVVY122624

Tgt Ion: 76 Resp: 48458

Ion Ratio Lower Upper

76 100

78 33.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 244.679 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VY020713.D

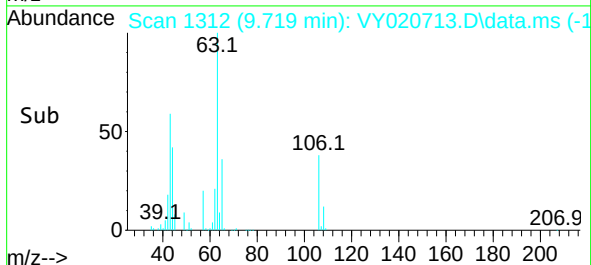
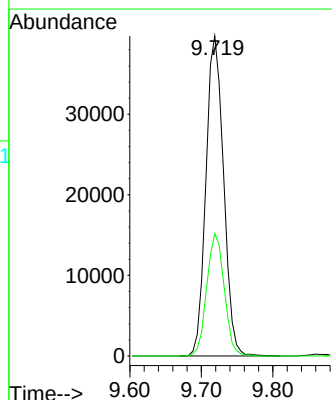
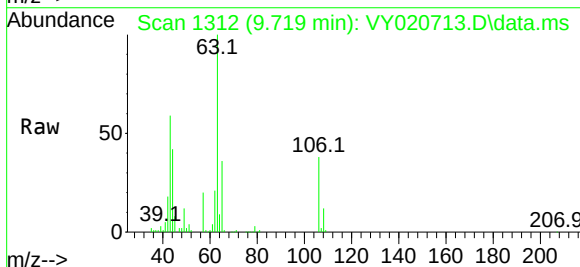
Acq: 26 Dec 2024 12:51

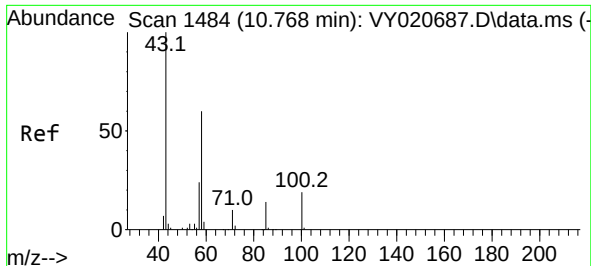
Tgt Ion: 63 Resp: 67974

Ion Ratio Lower Upper

63 100

106 38.0 29.1 43.7

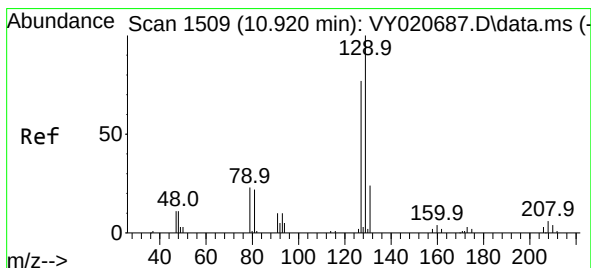
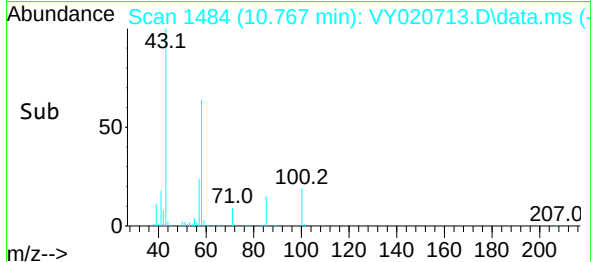
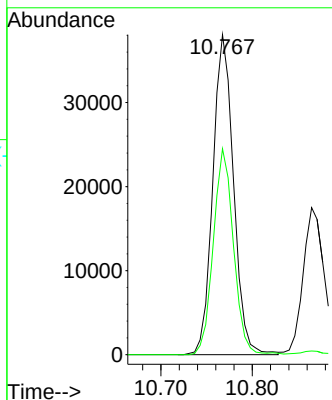
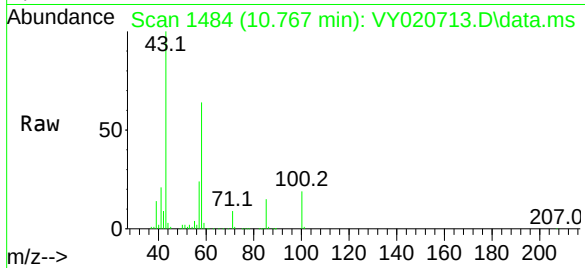




#59
2-Hexanone
Concen: 229.110 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

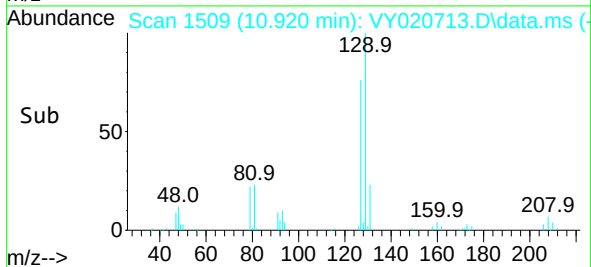
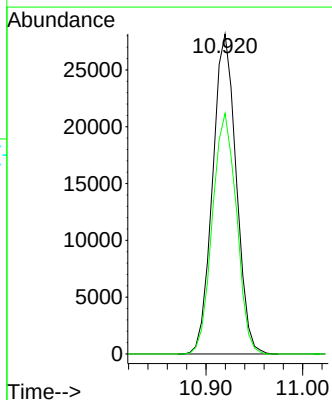
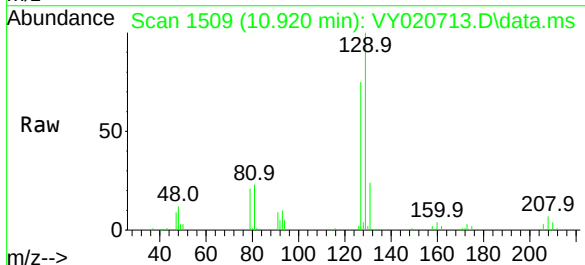
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

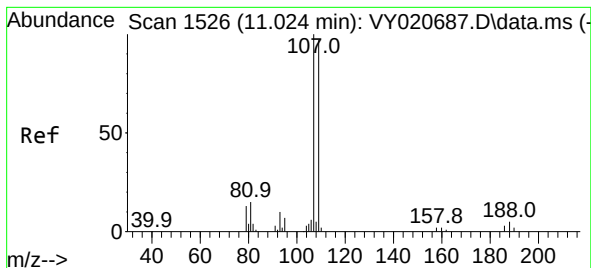
Tgt Ion: 43 Resp: 59853
Ion Ratio Lower Upper
43 100
58 62.7 30.1 90.5



#60
Dibromochloromethane
Concen: 48.574 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 129 Resp: 47597
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.387 ug/l

RT: 11.023 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

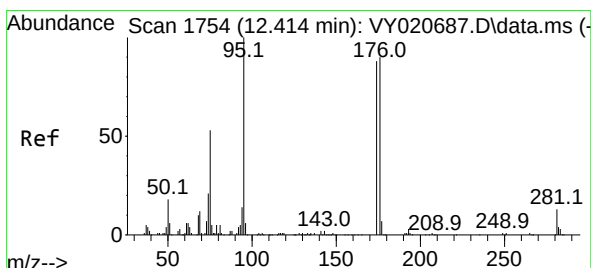
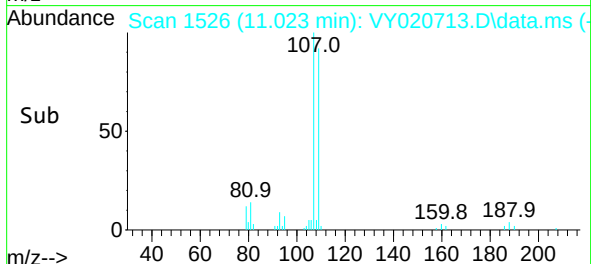
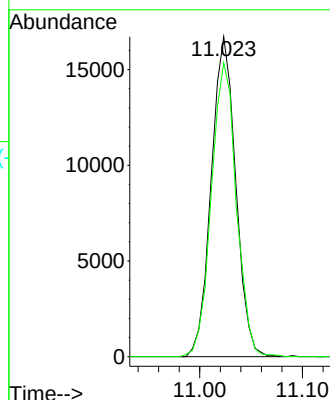
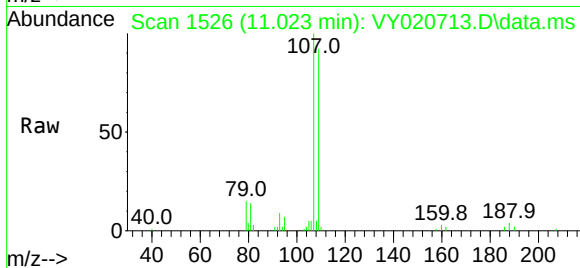
ICVY122624

Tgt Ion:107 Resp: 27610

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 53.215 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.001 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

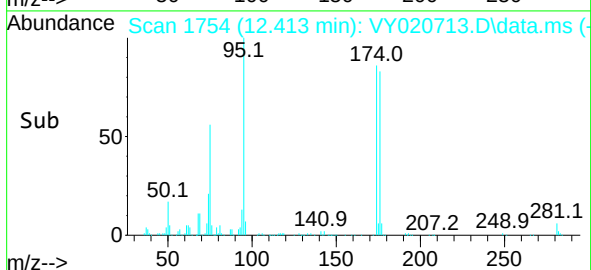
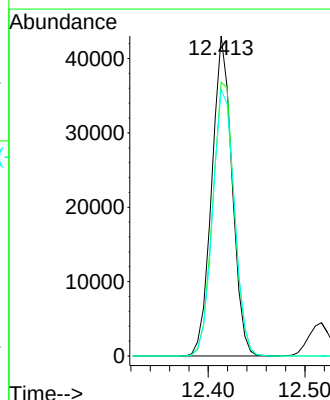
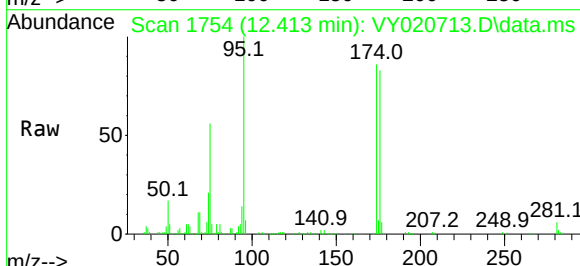
Tgt Ion: 95 Resp: 62660

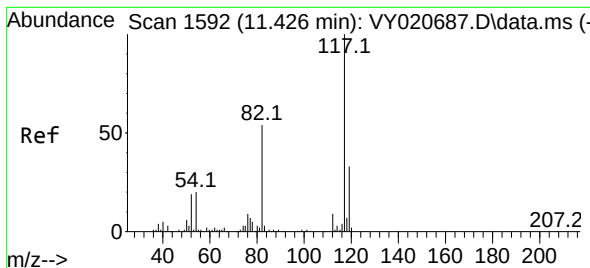
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.2

176 88.9 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

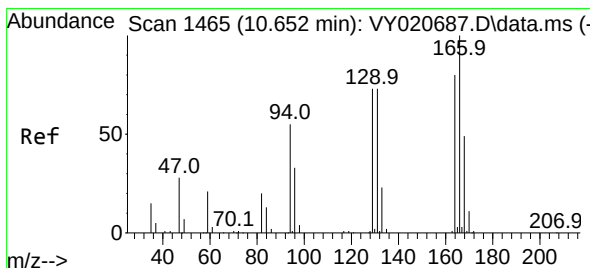
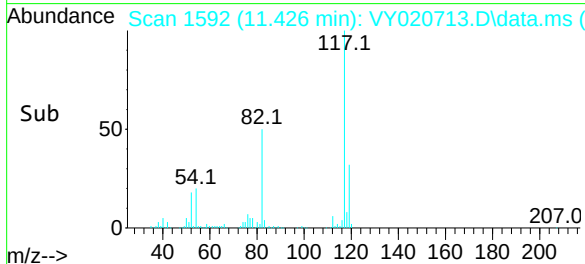
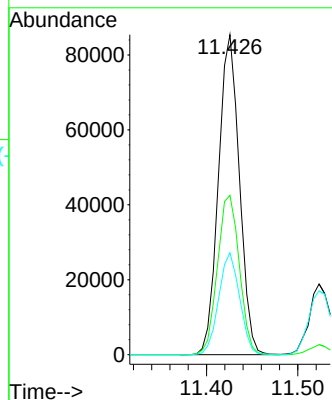
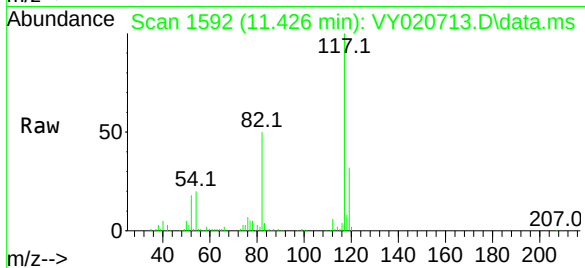
Tgt Ion:117 Resp: 136421

Ion Ratio Lower Upper

117 100

82 49.8 43.4 65.2

119 31.9 26.6 39.8



#64

Tetrachloroethene

Concen: 50.131 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Tgt Ion:164 Resp: 46724

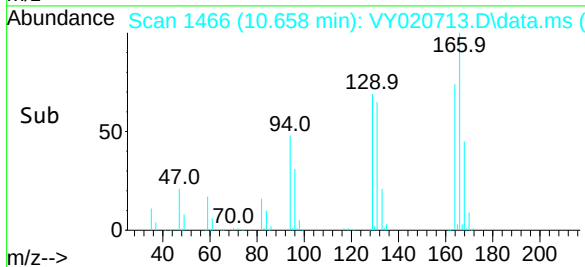
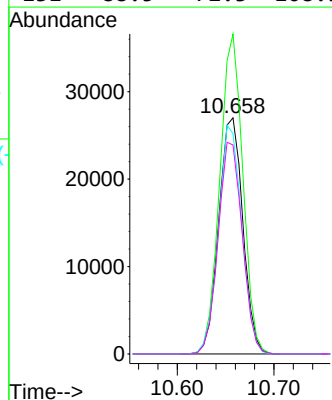
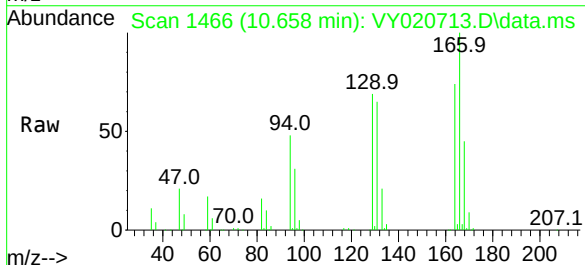
Ion Ratio Lower Upper

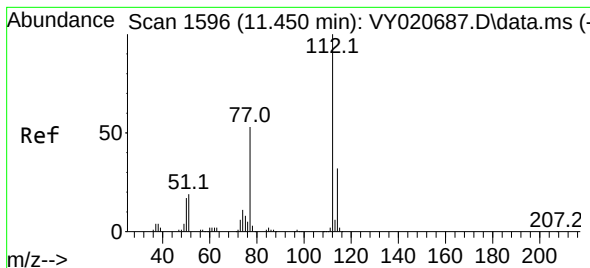
164 100

166 135.5 99.6 149.4

129 93.3 73.0 109.4

131 88.5 72.3 108.5





#65

Chlorobenzene

Concen: 49.866 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

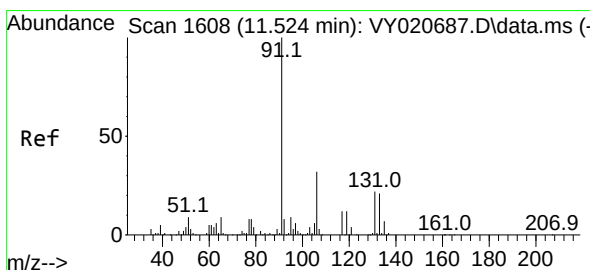
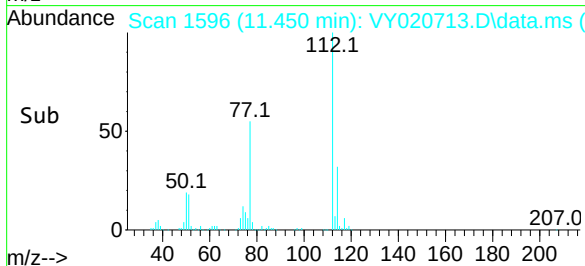
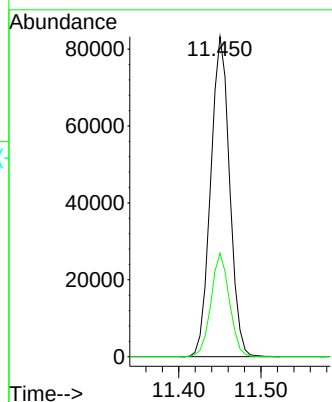
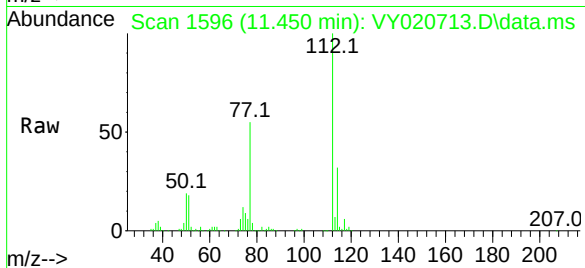
ICVY122624

Tgt Ion:112 Resp: 133203

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.630 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.001 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

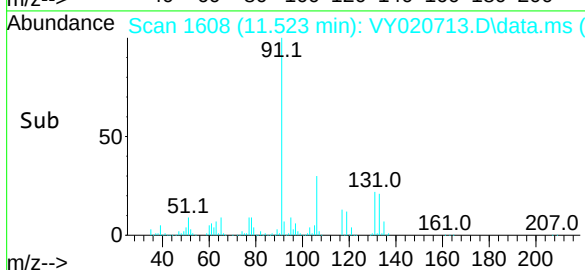
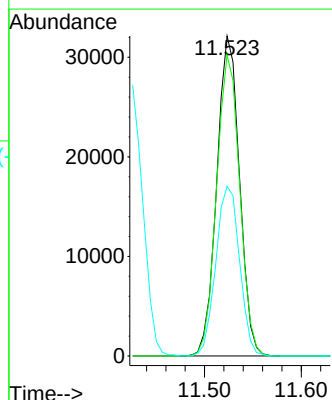
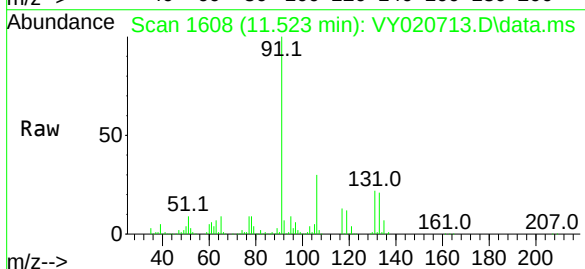
Tgt Ion:131 Resp: 52397

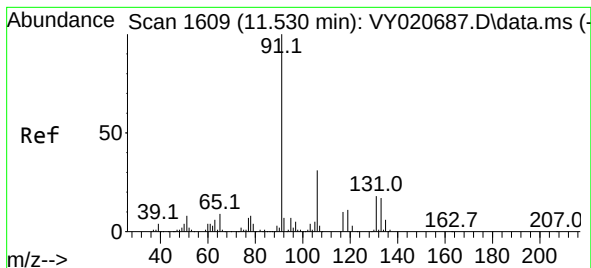
Ion Ratio Lower Upper

131 100

133 95.6 48.6 145.9

119 55.4 28.4 85.3

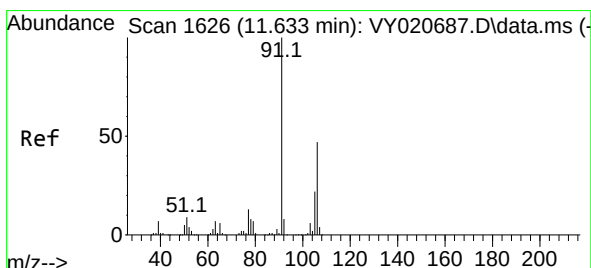
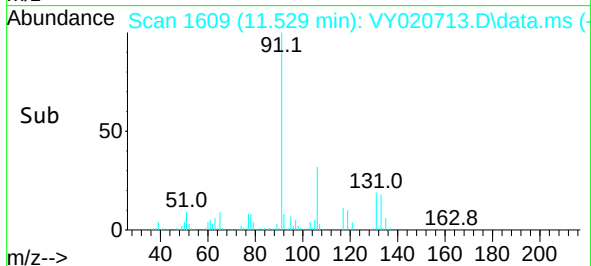
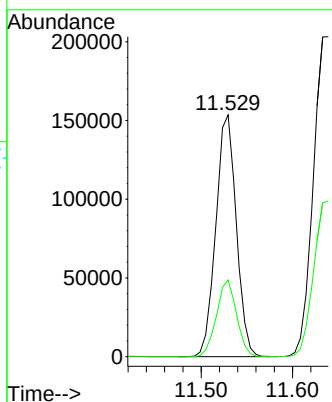
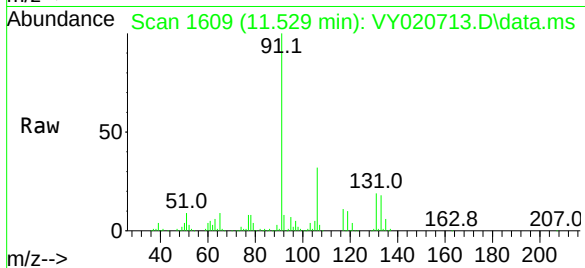




#67
Ethyl Benzene
Concen: 51.151 ug/l
RT: 11.529 min Scan# 1609
Delta R.T. -0.001 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

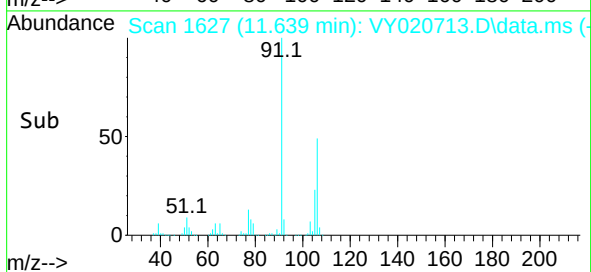
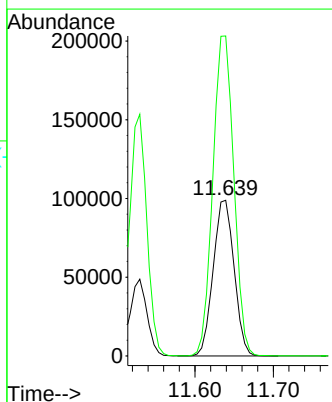
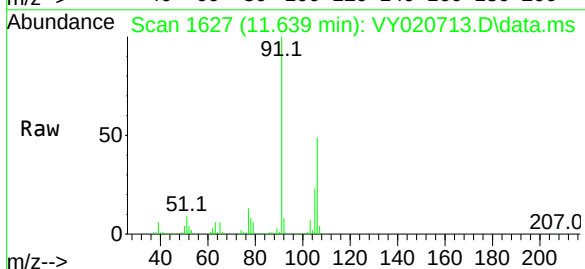
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

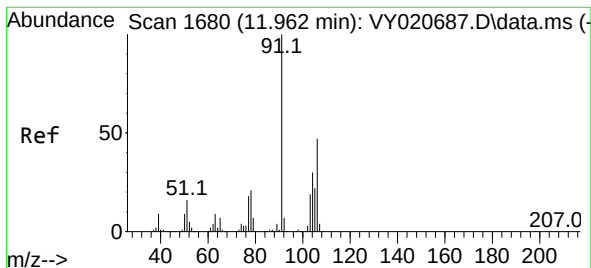
Tgt Ion: 91 Resp: 238810
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 103.152 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:106 Resp: 183706
Ion Ratio Lower Upper
106 100
91 205.9 166.6 250.0





#69

o-Xylene

Concen: 51.032 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

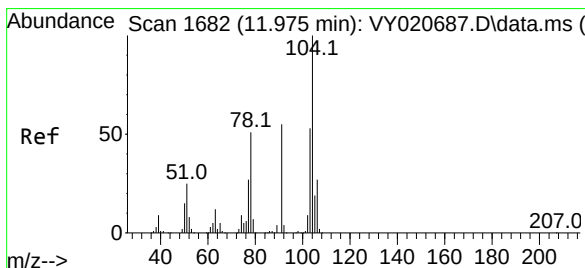
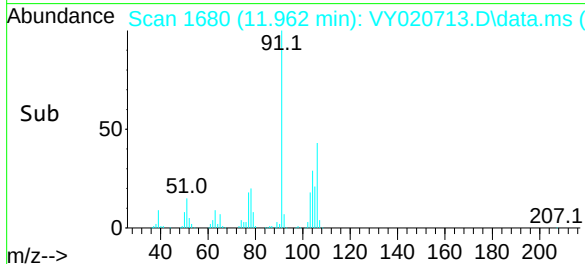
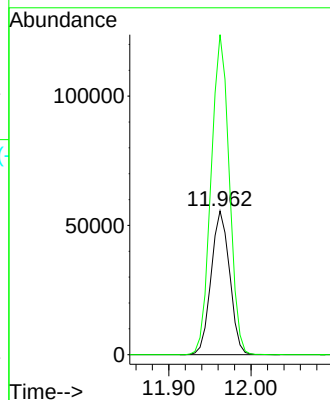
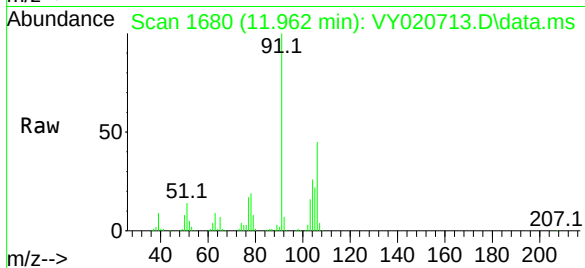
ICVVY122624

Tgt Ion:106 Resp: 86833

Ion Ratio Lower Upper

106 100

91 219.3 108.6 325.8



#70

Styrene

Concen: 50.717 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

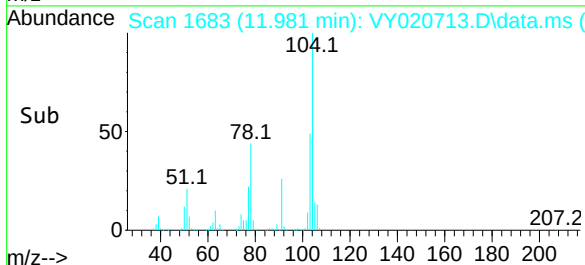
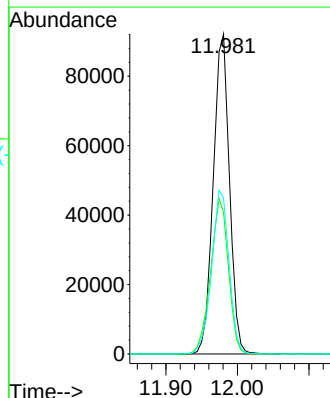
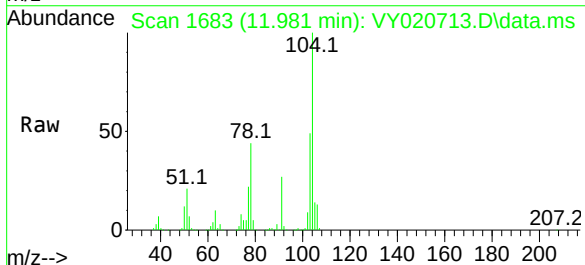
Tgt Ion:104 Resp: 144868

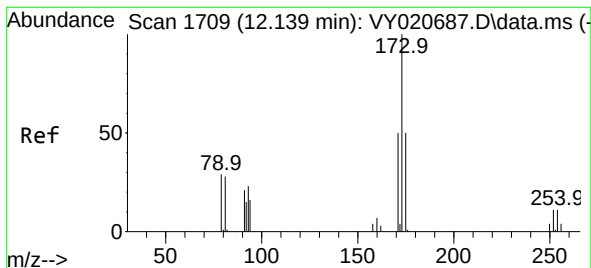
Ion Ratio Lower Upper

104 100

78 53.4 43.0 64.4

103 55.0 44.4 66.6





#71

Bromoform

Concen: 48.733 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

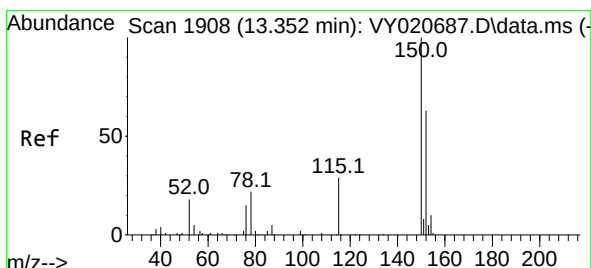
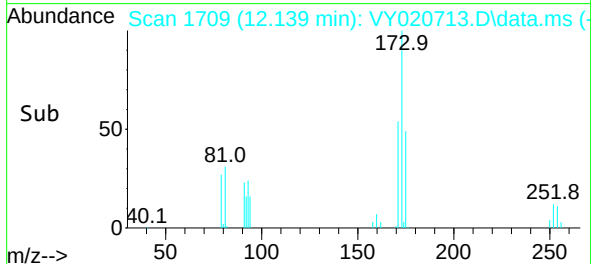
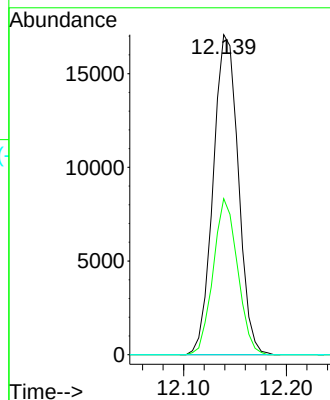
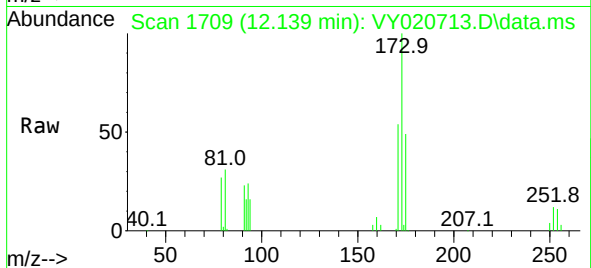
Tgt Ion:173 Resp: 28995

Ion Ratio Lower Upper

173 100

175 47.4 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

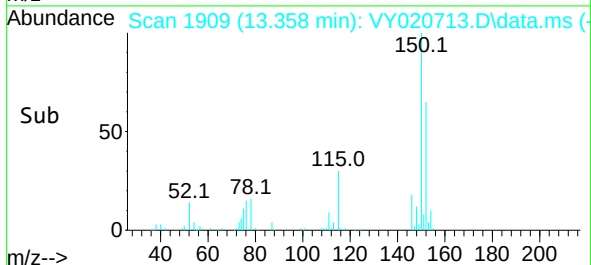
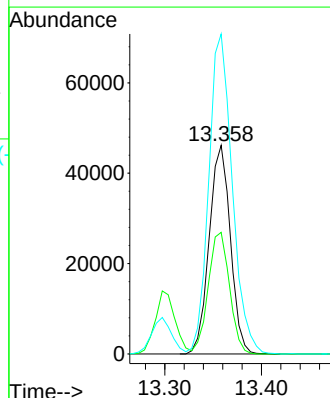
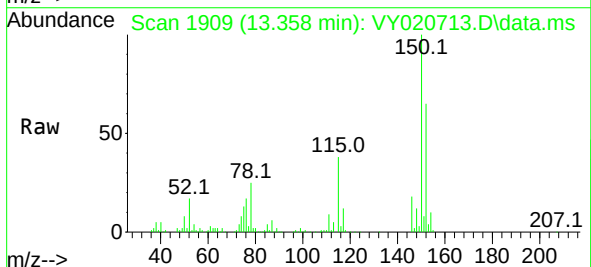
Tgt Ion:152 Resp: 70383

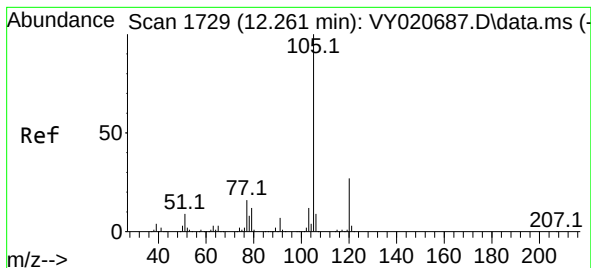
Ion Ratio Lower Upper

152 100

115 58.4 30.3 90.9

150 170.0 0.0 349.0





#73

Isopropylbenzene

Concen: 49.720 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

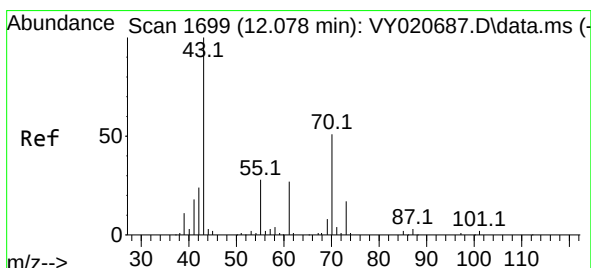
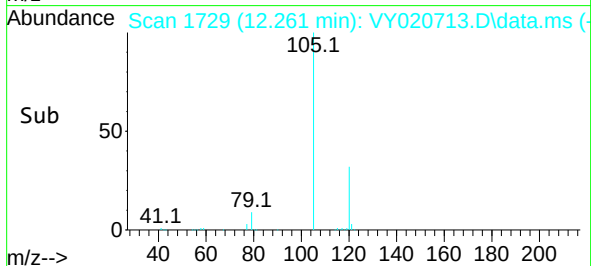
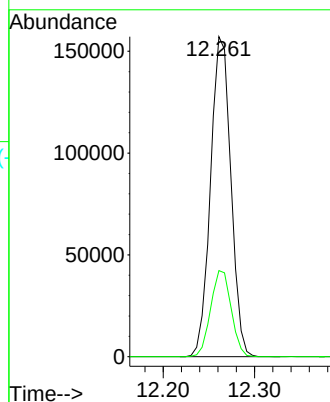
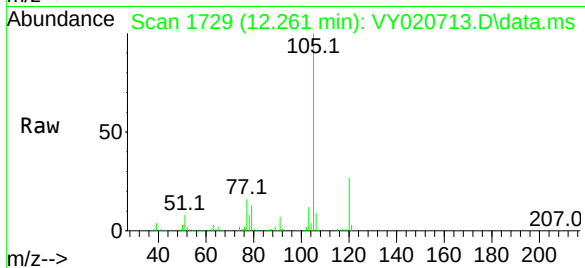
ICVY122624

Tgt Ion:105 Resp: 242449

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 48.015 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Tgt Ion: 43 Resp: 33272

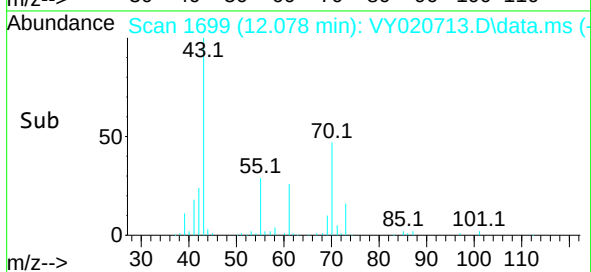
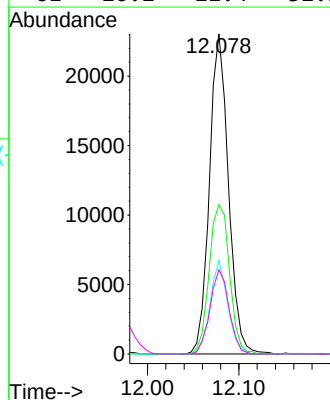
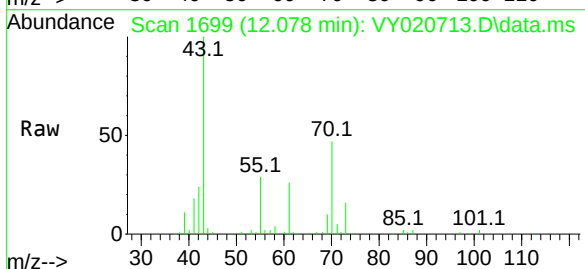
Ion Ratio Lower Upper

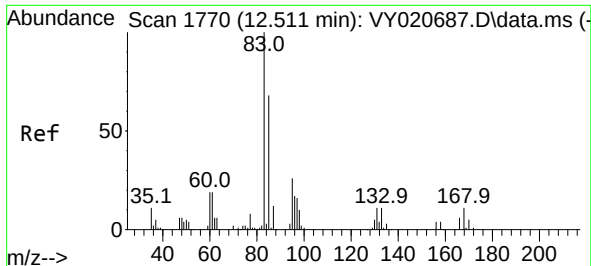
43 100

70 49.9 39.7 59.5

55 27.2 21.5 32.3

61 26.2 21.4 32.2

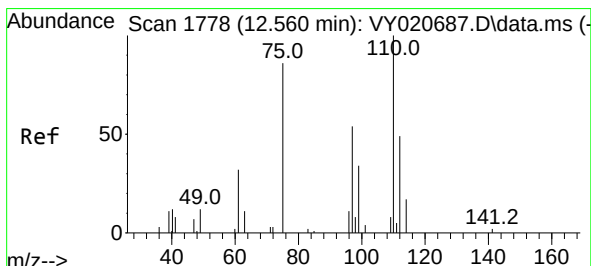
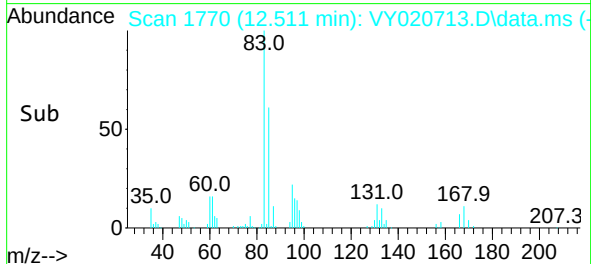
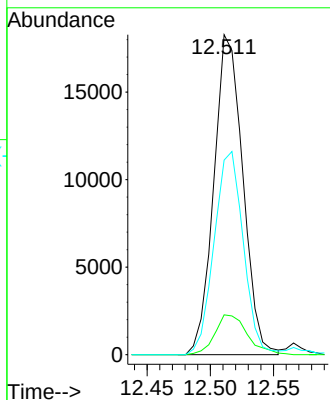
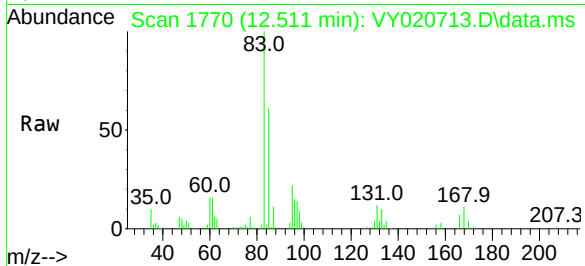




#75
1,1,2,2-Tetrachloroethane
Concen: 46.657 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

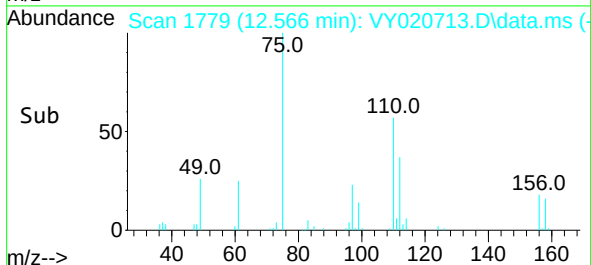
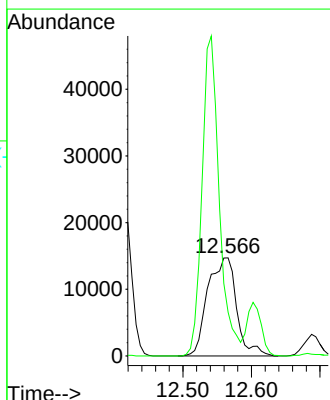
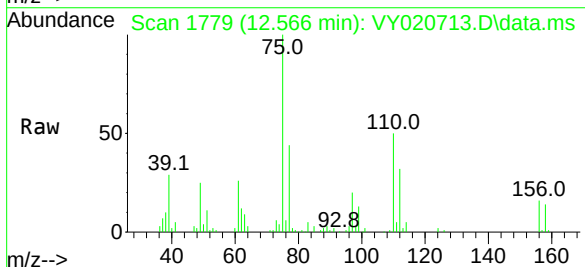
Instrument :
MSVOA_Y
ClientSampleId :
ICVY122624

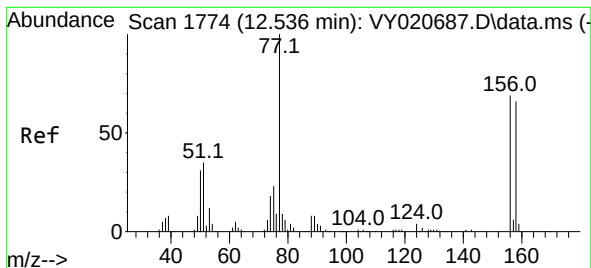
Tgt Ion: 83 Resp: 29166
Ion Ratio Lower Upper
83 100
131 14.0 6.9 20.7
85 63.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 95.817 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 75 Resp: 42892
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.459 ug/l

RT: 12.541 min Scan# 1775

Delta R.T. 0.005 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

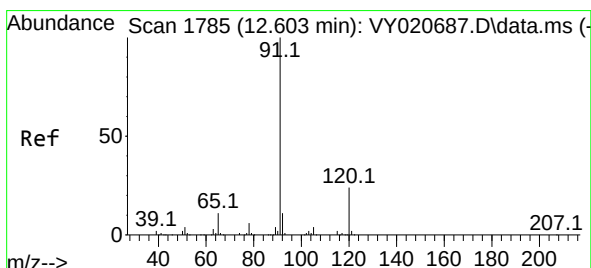
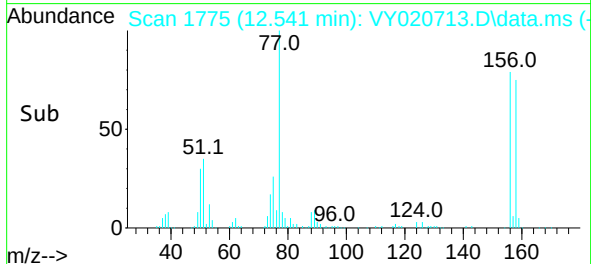
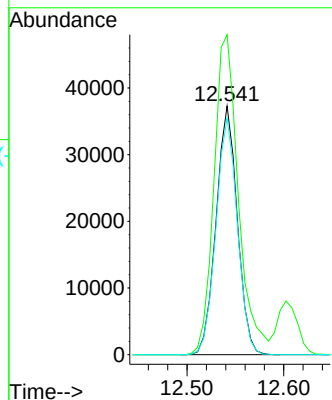
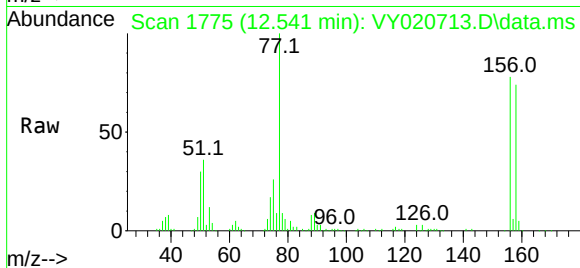
Tgt Ion:156 Resp: 56640

Ion Ratio Lower Upper

156 100

77 148.5 78.3 235.0

158 96.1 48.3 144.9



#78

n-propylbenzene

Concen: 50.119 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VY020713.D

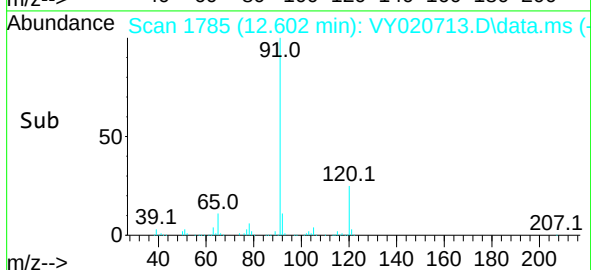
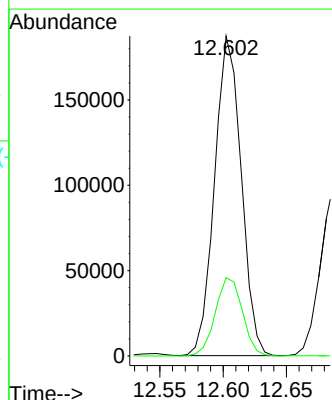
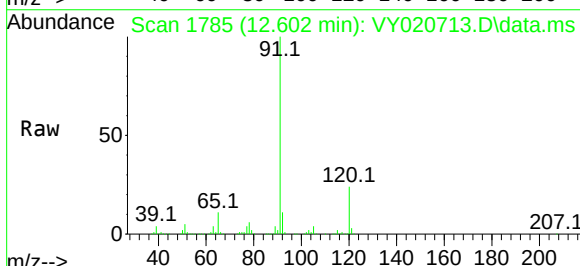
Acq: 26 Dec 2024 12:51

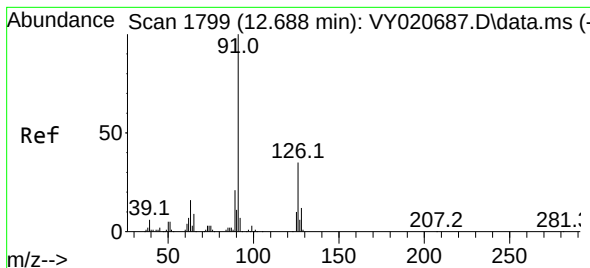
Tgt Ion: 91 Resp: 273917

Ion Ratio Lower Upper

91 100

120 24.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 49.656 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

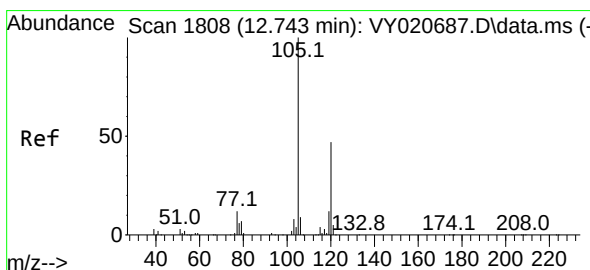
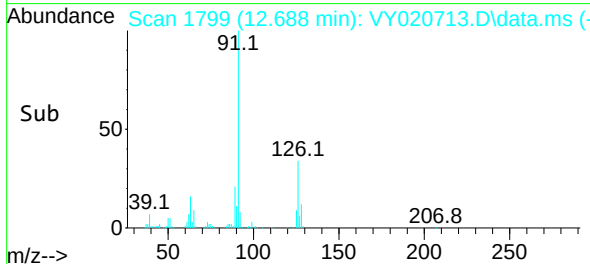
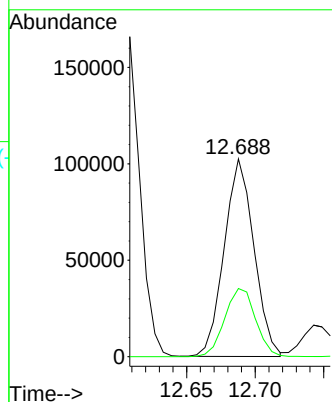
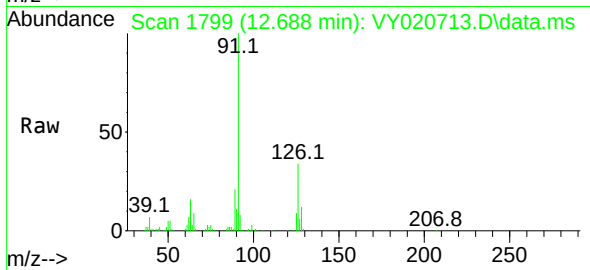
ICVVY122624

Tgt Ion: 91 Resp: 154710

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 50.488 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY020713.D

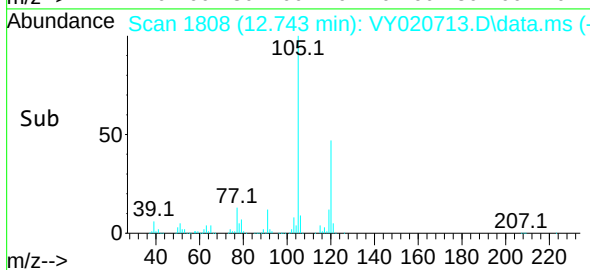
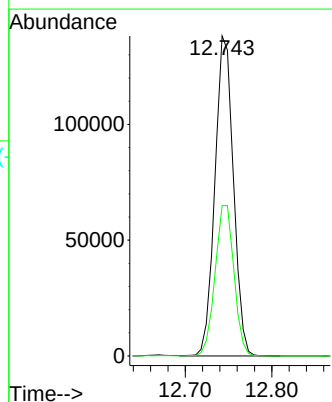
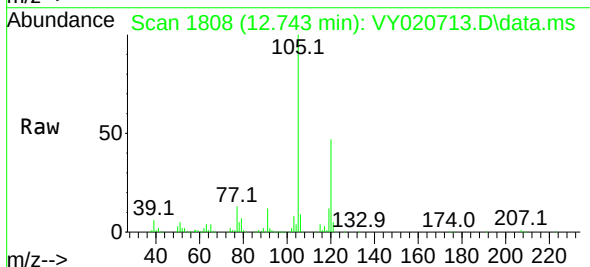
Acq: 26 Dec 2024 12:51

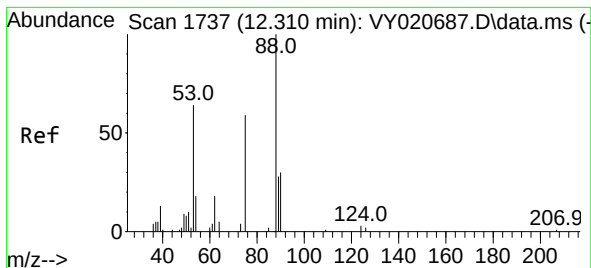
Tgt Ion: 105 Resp: 205116

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.7

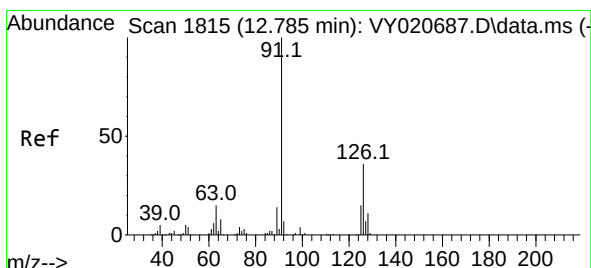
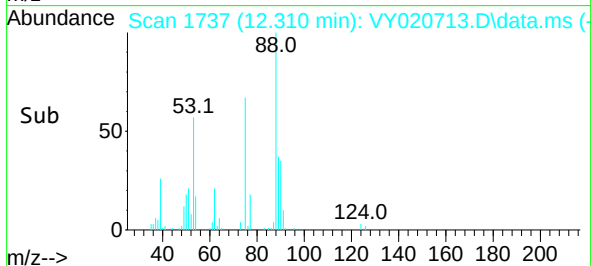
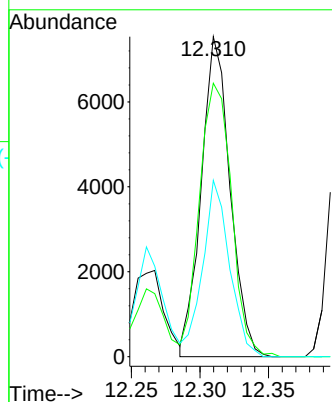
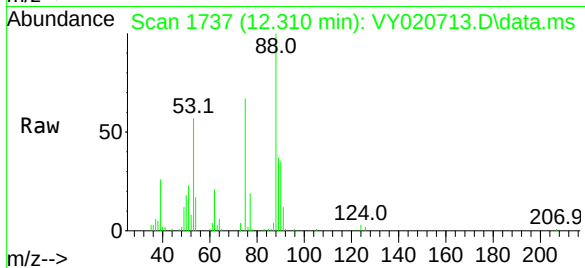




#81
trans-1,4-Dichloro-2-butene
Concen: 48.646 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

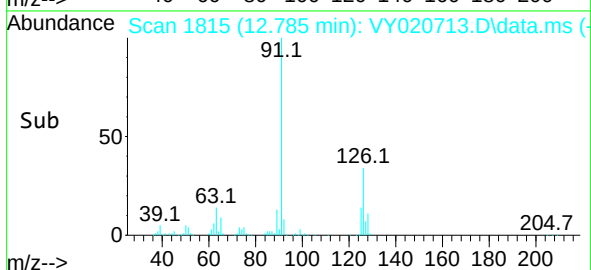
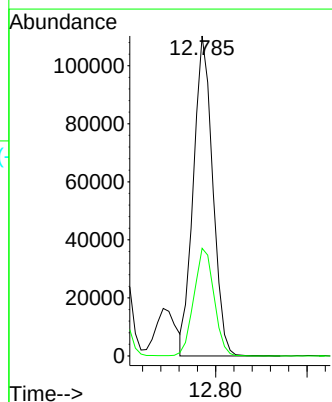
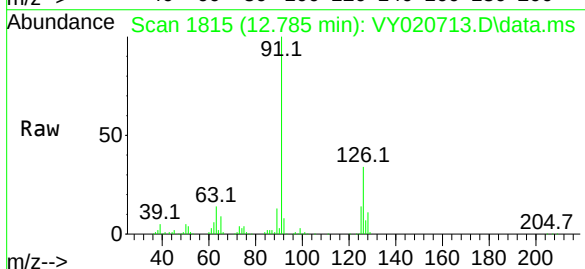
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

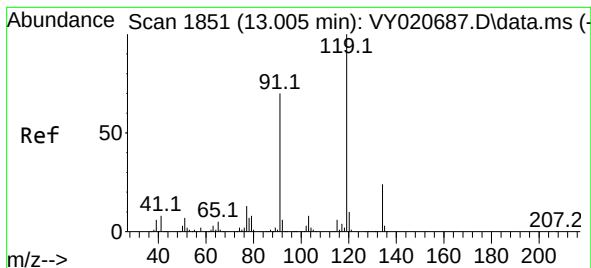
Tgt Ion: 75 Resp: 11017
Ion Ratio Lower Upper
75 100
53 95.0 83.1 124.7
89 51.5 40.6 61.0



#82
4-Chlorotoluene
Concen: 50.168 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion: 91 Resp: 161536
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.5





#83

tert-Butylbenzene

Concen: 49.565 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

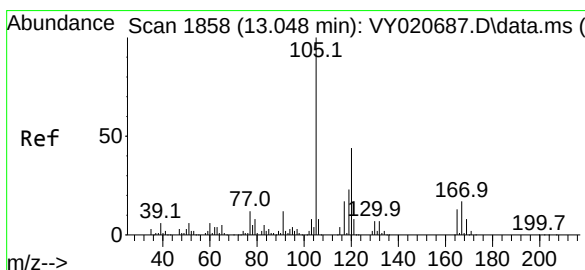
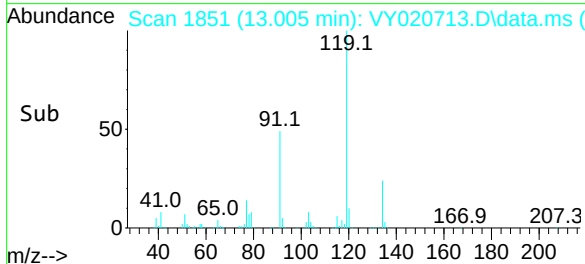
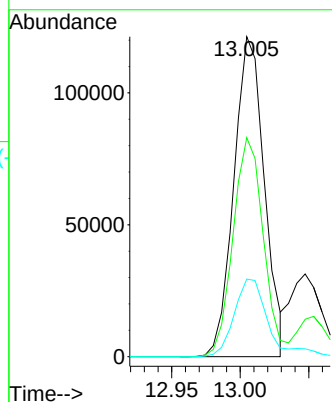
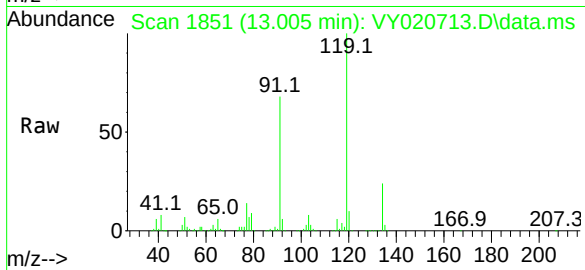
Tgt Ion:119 Resp: 188052

Ion Ratio Lower Upper

119 100

91 68.2 33.6 100.8

134 27.0 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 51.350 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VY020713.D

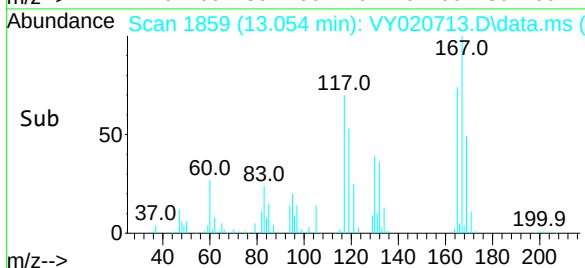
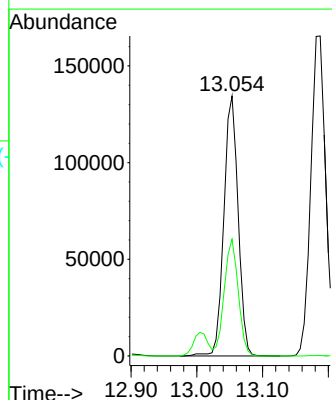
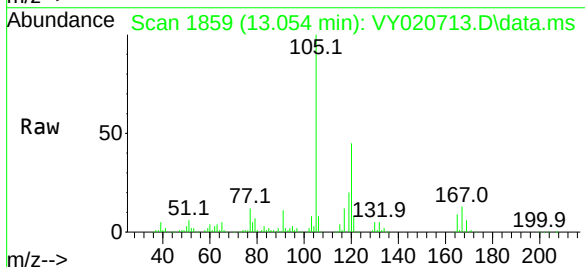
Acq: 26 Dec 2024 12:51

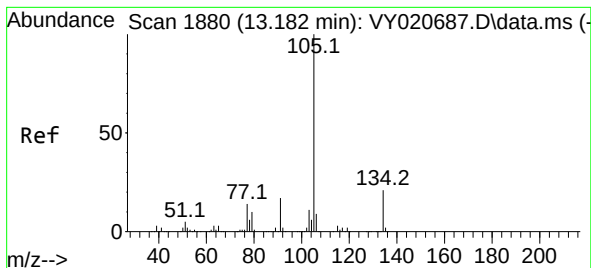
Tgt Ion:105 Resp: 203012

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.3





#85

sec-Butylbenzene

Concen: 50.578 ug/l

RT: 13.188 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

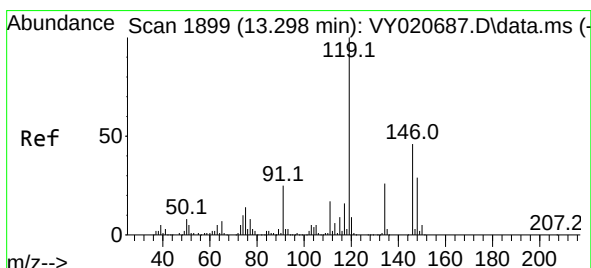
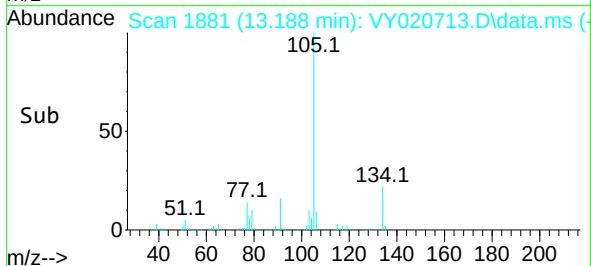
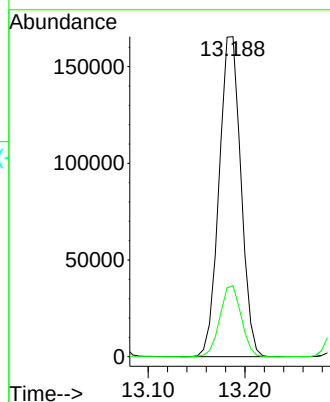
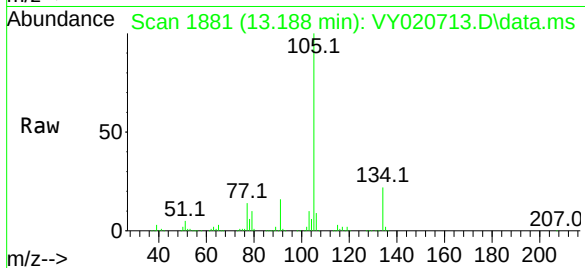
ICVVY122624

Tgt Ion:105 Resp: 258622

Ion Ratio Lower Upper

105 100

134 21.7 10.7 32.1



#86

p-Isopropyltoluene

Concen: 50.557 ug/l

RT: 13.303 min Scan# 1900

Delta R.T. 0.005 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

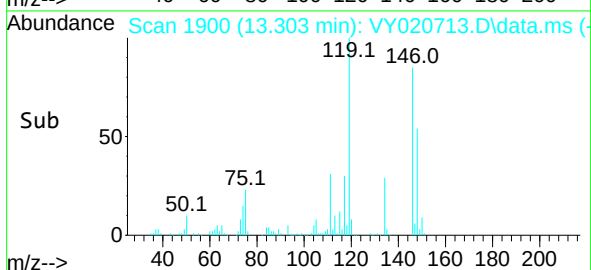
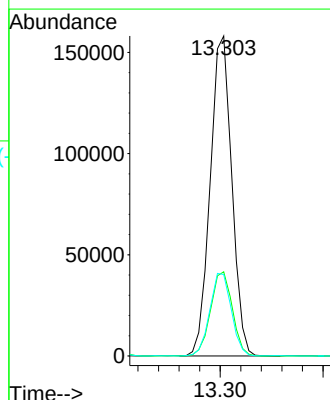
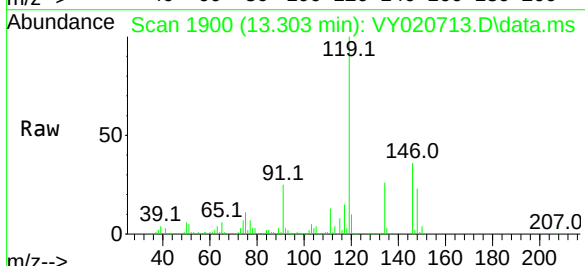
Tgt Ion:119 Resp: 230385

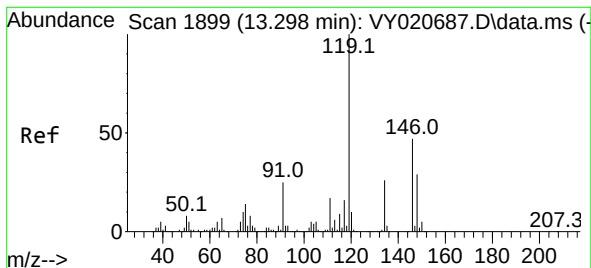
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 25.8 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 49.657 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.001 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

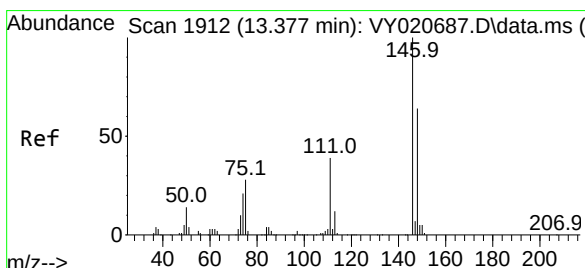
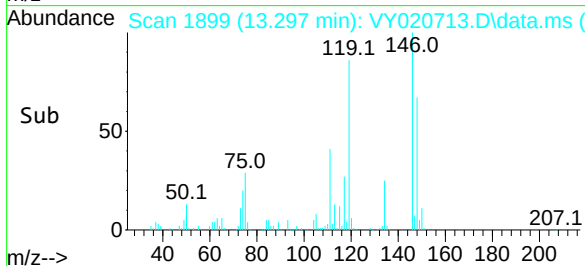
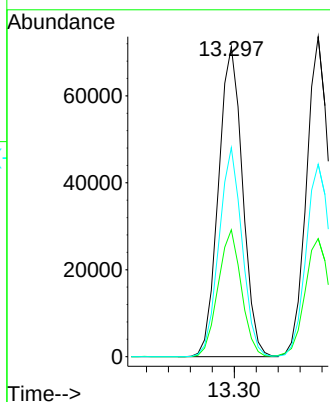
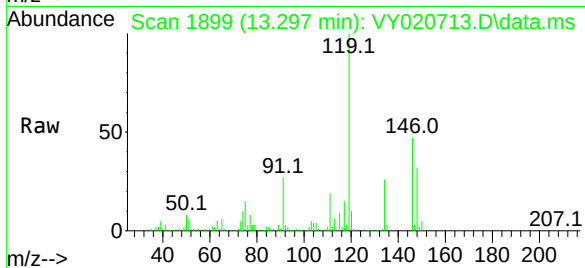
Tgt Ion:146 Resp: 108941

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

148 64.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 49.305 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

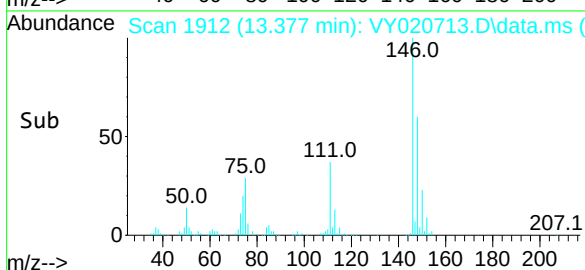
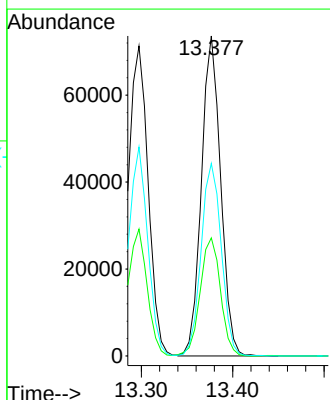
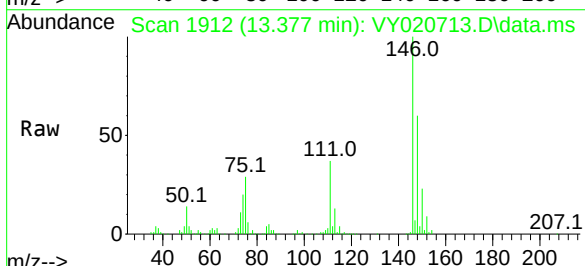
Tgt Ion:146 Resp: 107603

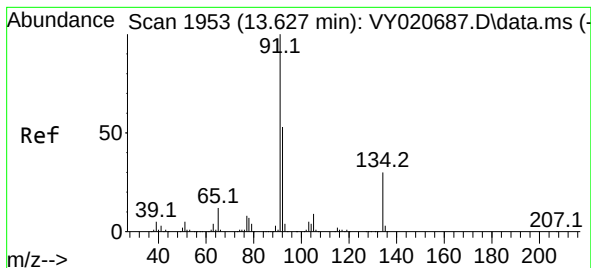
Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.3 32.8 98.3





#89

n-Butylbenzene

Concen: 51.082 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVY122624

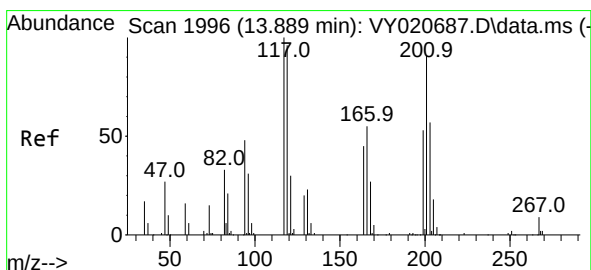
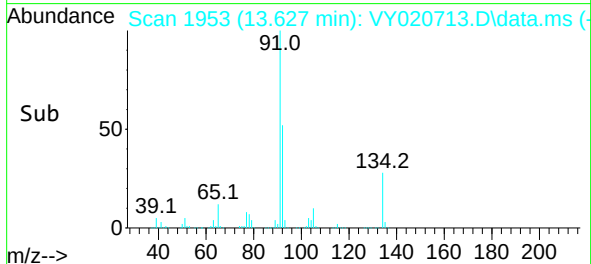
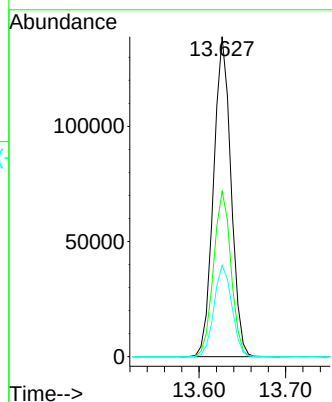
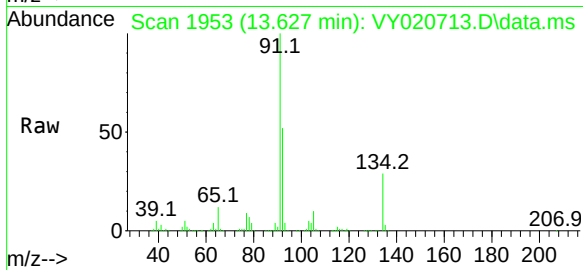
Tgt Ion: 91 Resp: 194314

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.2

134 29.2 14.8 44.4



#90

Hexachloroethane

Concen: 49.619 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY020713.D

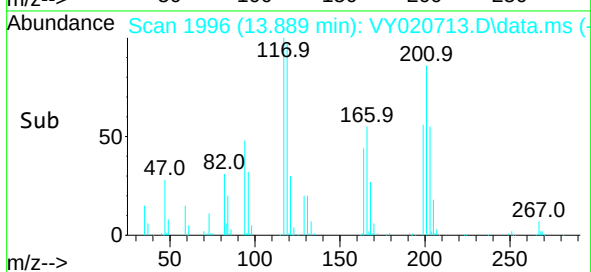
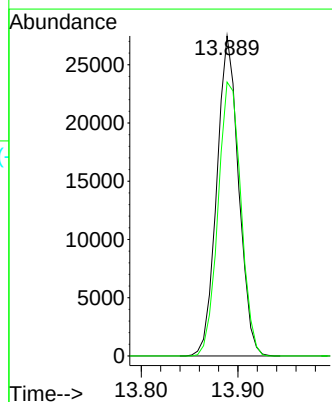
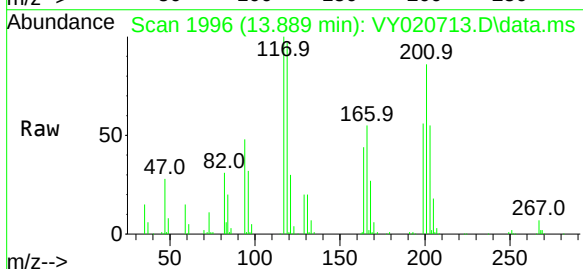
Acq: 26 Dec 2024 12:51

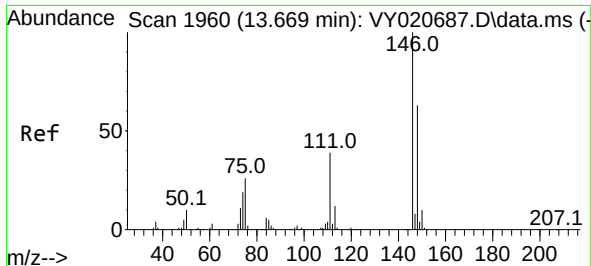
Tgt Ion: 117 Resp: 42996

Ion Ratio Lower Upper

117 100

201 89.5 44.9 134.7

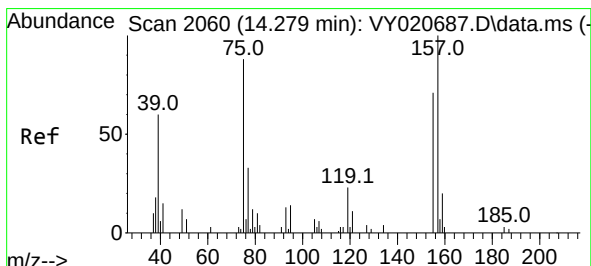
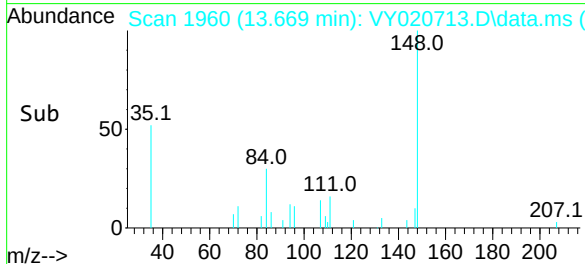
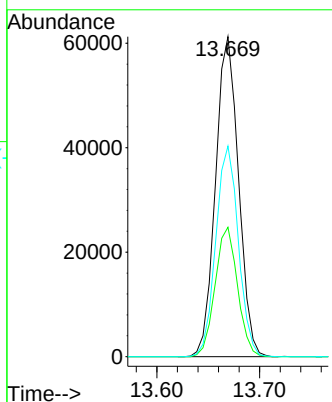
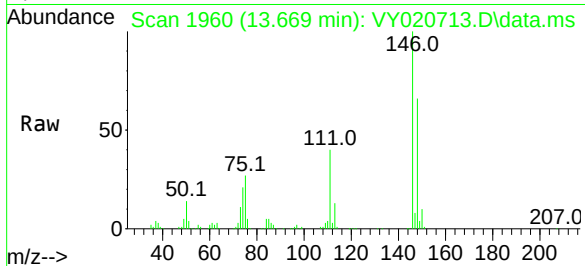




#91
1,2-Dichlorobenzene
Concen: 50.573 ug/l
RT: 13.669 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

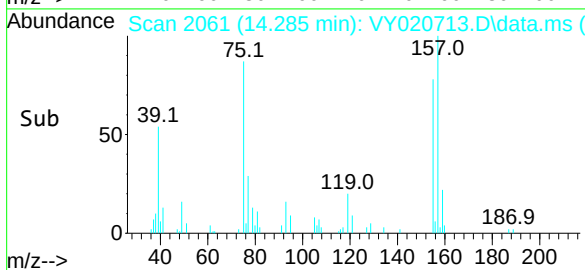
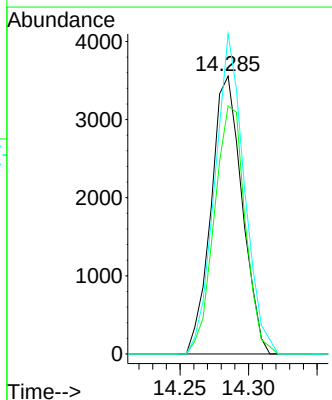
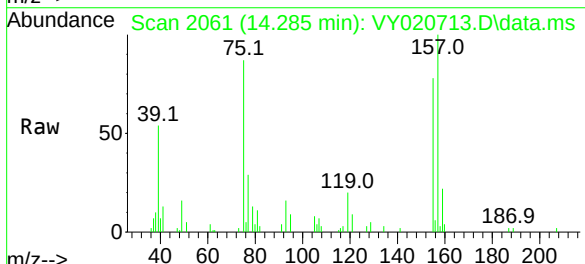
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY122624

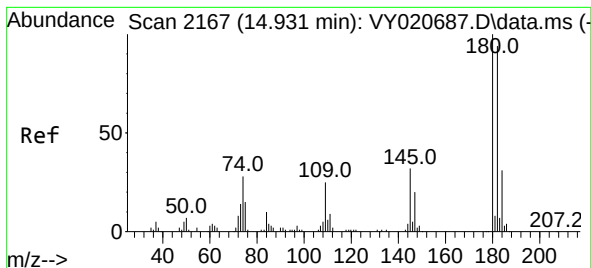
Tgt Ion:	146	Resp:	95132
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	64.7	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.197 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020713.D
Acq: 26 Dec 2024 12:51

Tgt Ion:	75	Resp:	5601
Ion	Ratio	Lower	Upper
75	100		
155	88.6	43.4	130.2
157	109.3	58.6	175.7





#93

1,2,4-Trichlorobenzene

Concen: 52.197 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

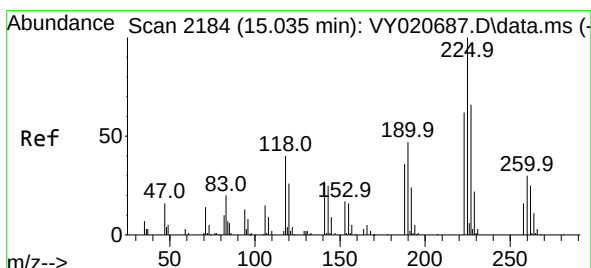
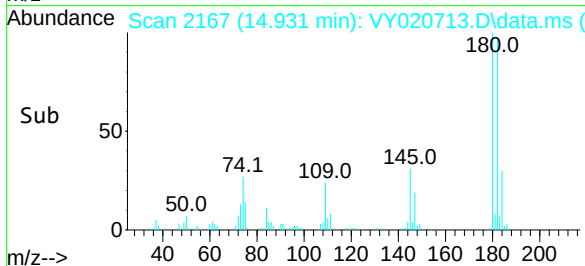
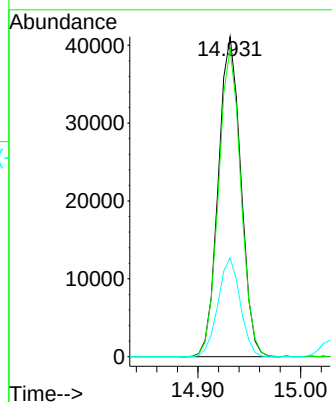
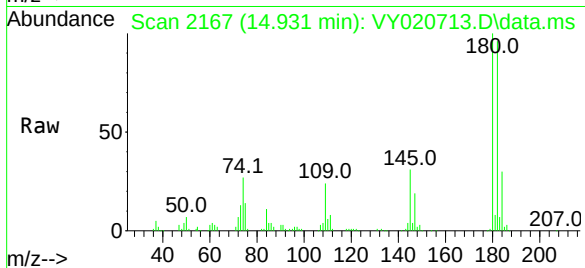
Tgt Ion:180 Resp: 62409

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 30.5 15.6 46.8



#94

Hexachlorobutadiene

Concen: 50.811 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

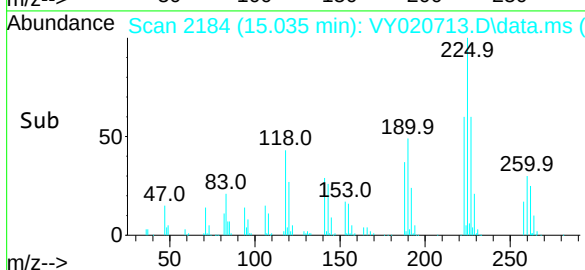
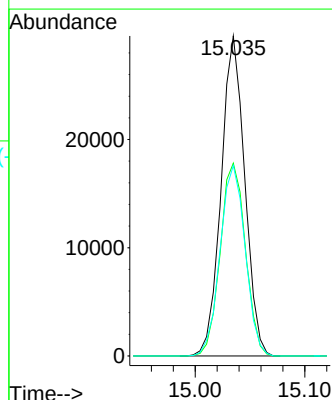
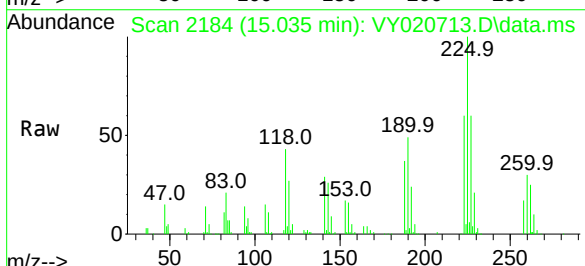
Tgt Ion:225 Resp: 44277

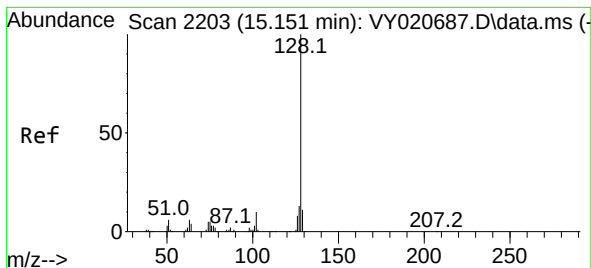
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.8

227 63.1 32.1 96.5





#95

Naphthalene

Concen: 49.600 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY122624

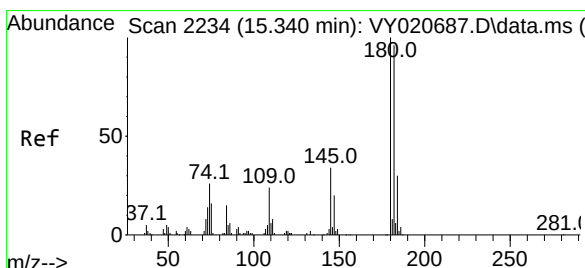
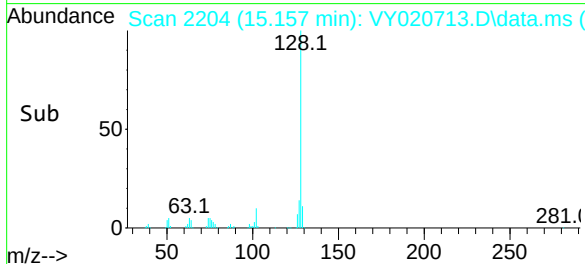
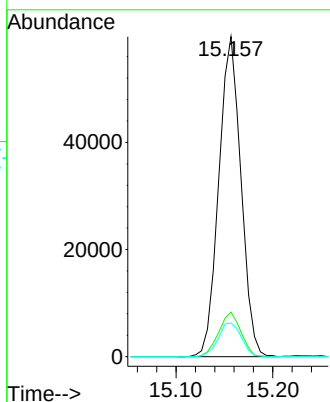
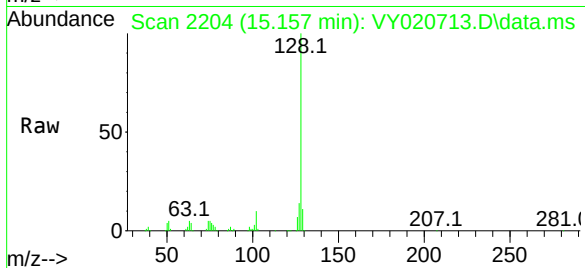
Tgt Ion:128 Resp: 94983

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.643 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.000 min

Lab File: VY020713.D

Acq: 26 Dec 2024 12:51

Tgt Ion:180 Resp: 51411

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.2

145 32.9 16.7 50.1

