

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020662.D
 Acq On : 19 Dec 2024 17:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:58:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	308413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	528371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	462730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165446	48.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.634	113	181222	48.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.109	98	674087	51.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.408	95	224262	43.986	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75261	19.537	ug/l	96
3) Chloromethane	2.068	50	57722	20.223	ug/l	98
4) Vinyl Chloride	2.208	62	53409	20.104	ug/l	97
5) Bromomethane	2.598	94	35632	20.866	ug/l	98
6) Chloroethane	2.739	64	32721	19.932	ug/l	99
7) Trichlorofluoromethane	3.062	101	106120	19.091	ug/l	100
8) Diethyl Ether	3.458	74	40479	20.764	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	82334	20.664	ug/l	99
10) Methyl Iodide	4.007	142	110838	24.986	ug/l	98
11) Tert butyl alcohol	4.866	59	23935	41.062	ug/l	98
12) 1,1-Dichloroethene	3.793	96	84608	21.885	ug/l	99
13) Acrolein	3.659	56	8888	55.648	ug/l	99
14) Allyl chloride	4.391	41	151793	22.407	ug/l	99
15) Acrylonitrile	5.061	53	81639	87.534	ug/l	98
16) Acetone	3.873	43	58873	83.445	ug/l	97
17) Carbon Disulfide	4.110	76	279766	22.232	ug/l	100
18) Methyl Acetate	4.385	43	44378	19.310	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	215375	21.584	ug/l	98
20) Methylene Chloride	4.616	84	97448	23.204	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	98887	22.803	ug/l	98
22) Diisopropyl ether	6.025	45	335366	24.389	ug/l	98
23) Vinyl Acetate	5.964	43	782554	100.483	ug/l	99
24) 1,1-Dichloroethane	5.915	63	193633	24.037	ug/l	100
25) 2-Butanone	6.896	43	102968	82.027	ug/l	95
26) 2,2-Dichloropropane	6.890	77	105366	13.836	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	117949	23.640	ug/l	95
28) Bromochloromethane	7.244	49	67567	24.867	ug/l	99
29) Tetrahydrofuran	7.262	42	69047	87.132	ug/l	99
30) Chloroform	7.427	83	196092	21.191	ug/l	98
31) Cyclohexane	7.707	56	151108	19.618	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	166740	22.530	ug/l	100
36) 1,1-Dichloropropene	7.835	75	130429	19.208	ug/l	99
37) Ethyl Acetate	6.988	43	49241	15.417	ug/l	99
38) Carbon Tetrachloride	7.817	117	147544	19.640	ug/l	98
39) Methylcyclohexane	9.109	83	155084	17.524	ug/l	99
40) Benzene	8.079	78	429196	21.564	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24211	14.338	ug/l	93
42) 1,2-Dichloroethane	8.158	62	104508	19.798	ug/l	99
43) Isopropyl Acetate	8.195	43	104020	17.203	ug/l	98
44) Trichloroethene	8.866	130	99674	20.381	ug/l	98
45) 1,2-Dichloropropane	9.140	63	100644	21.636	ug/l	98
46) Dibromomethane	9.231	93	47401	19.282	ug/l	99
47) Bromodichloromethane	9.426	83	142143	21.405	ug/l	98
48) Methyl methacrylate	9.219	41	46742	16.260	ug/l	94
49) 1,4-Dioxane	9.231	88	8978	318.450	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	252688	79.170	ug/l	99
52) Toluene	10.170	92	261457	21.138	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	110607	17.875	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	141161	19.252	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	62521	19.236	ug/l	97
56) Ethyl methacrylate	10.438	69	86453	18.335	ug/l	99
57) 1,3-Dichloropropane	10.713	76	112565	19.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	171913	86.648	ug/l	99
59) 2-Hexanone	10.762	43	162442	79.270	ug/l	99
60) Dibromochloromethane	10.908	129	87357	20.097	ug/l	97
61) 1,2-Dibromoethane	11.012	107	56777	18.780	ug/l	99
64) Tetrachloroethene	10.646	164	84956	19.519	ug/l	97
65) Chlorobenzene	11.438	112	279078	21.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	98377	22.236	ug/l	99
67) Ethyl Benzene	11.518	91	505339	21.171	ug/l	100
68) m/p-Xylenes	11.627	106	372689	41.993	ug/l	100
69) o-Xylene	11.957	106	178843	21.597	ug/l	97
70) Styrene	11.969	104	304930	22.040	ug/l	99
71) Bromoform	12.133	173	46403	18.655	ug/l #	100
73) Isopropylbenzene	12.255	105	465228	24.793	ug/l	100
74) N-aryl acetate	12.072	43	91294	20.789	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	66021	21.676	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	82002	36.712	ug/l #	100
77) Bromobenzene	12.530	156	104296	25.517	ug/l	97
78) n-propylbenzene	12.597	91	553504	24.484	ug/l	100
79) 2-Chlorotoluene	12.682	91	323466	25.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	382148	25.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	17473	16.420	ug/l	98
82) 4-Chlorotoluene	12.780	91	331880	25.151	ug/l	100
83) tert-Butylbenzene	12.999	119	340217	24.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	381099	25.518	ug/l	100
85) sec-Butylbenzene	13.176	105	476911	23.788	ug/l	100
86) p-Isopropyltoluene	13.292	119	401897	24.313	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	203420	25.211	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	197059	24.659	ug/l	99
89) n-Butylbenzene	13.621	91	364597	23.273	ug/l	99
90) Hexachloroethane	13.883	117	83352	25.445	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	176385	25.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9475	19.161	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	96481	22.816	ug/l	99
94) Hexachlorobutadiene	15.023	225	64124	23.197	ug/l	99
95) Naphthalene	15.145	128	148643	20.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	81895	22.922	ug/l	100

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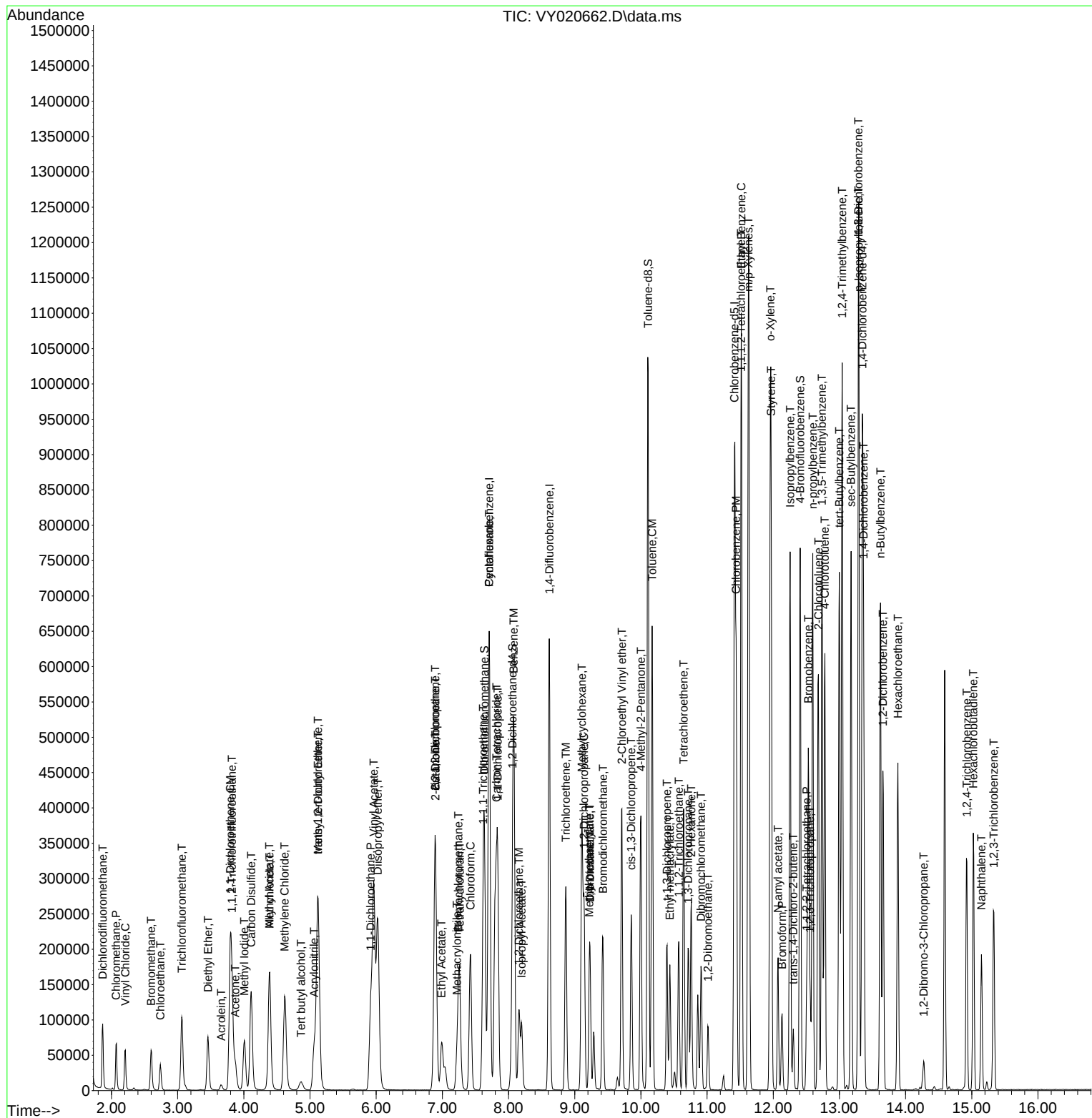
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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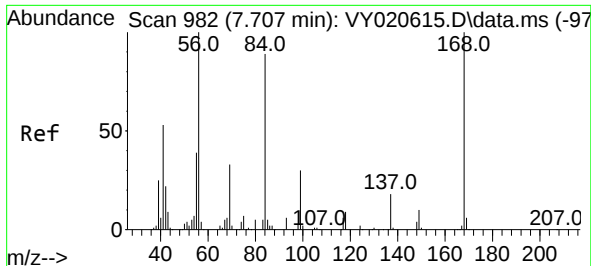
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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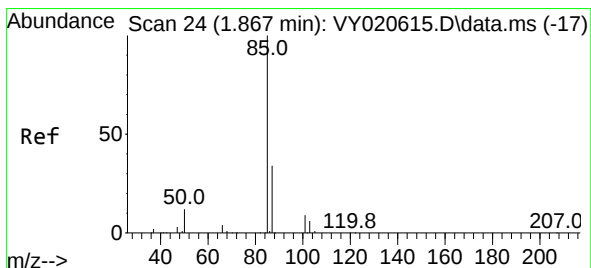
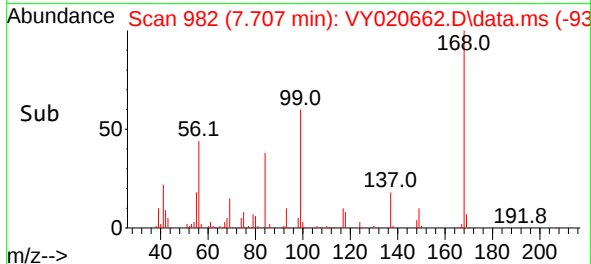
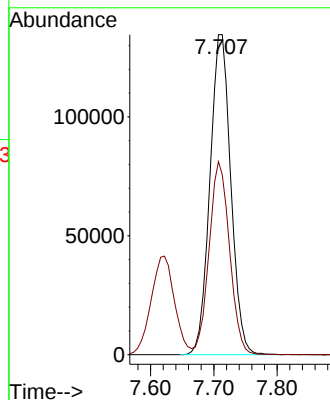
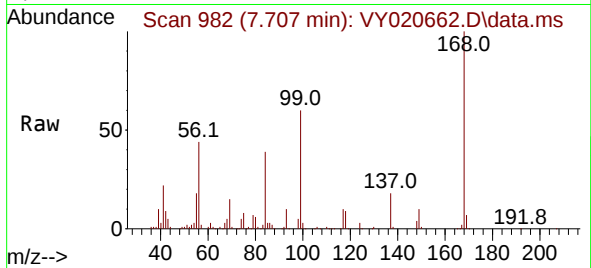




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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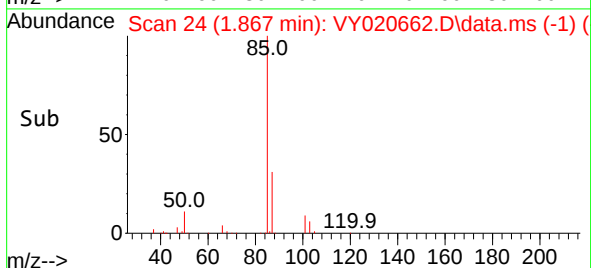
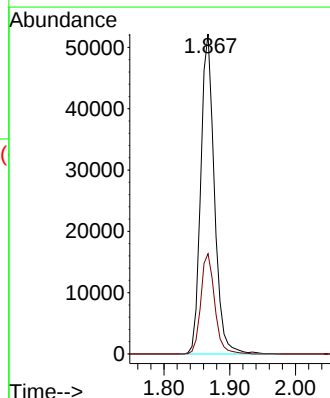
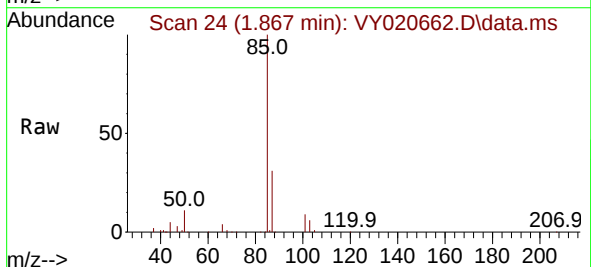
Instrument :
MSVOA_Y
ClientSampleId :

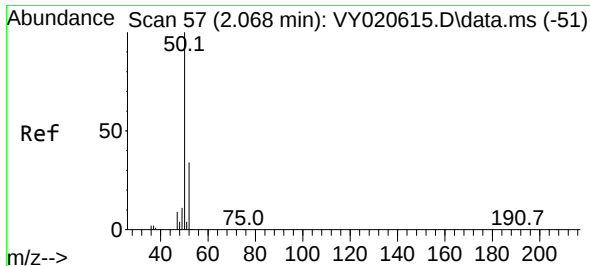
Tgt Ion:168 Resp: 308413
Ion Ratio Lower Upper
168 100
99 60.4 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 19.537 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 85 Resp: 75261
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.3

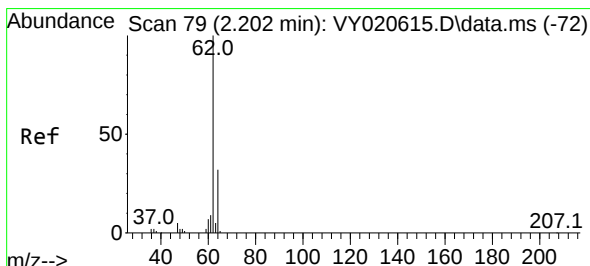
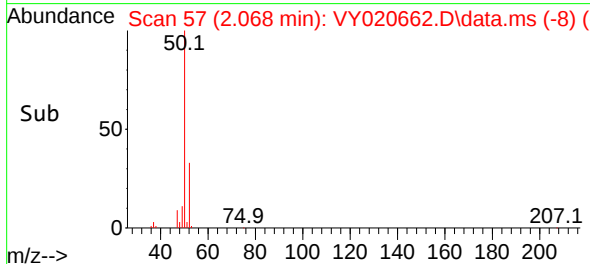
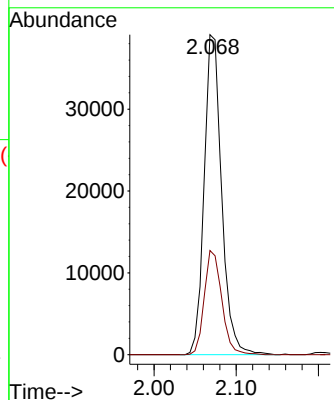
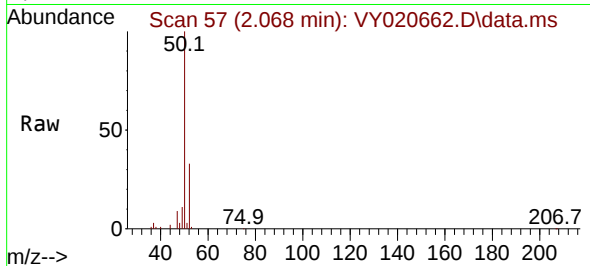




#3
Chloromethane
Concen: 20.223 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

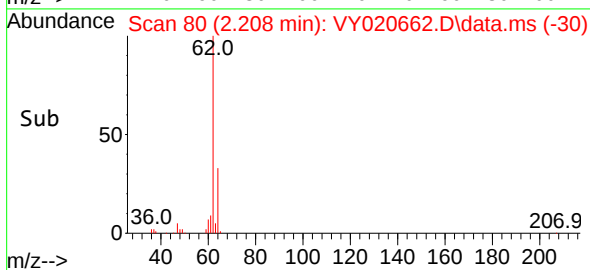
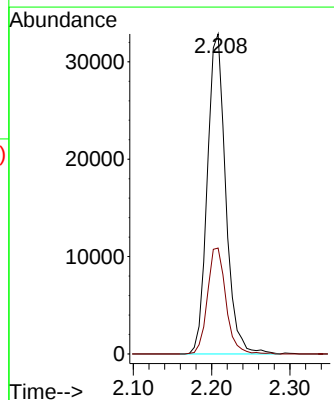
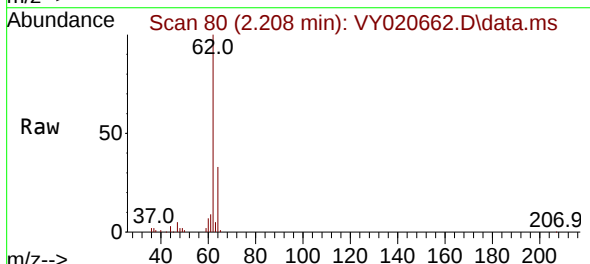
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ClientSampleId :

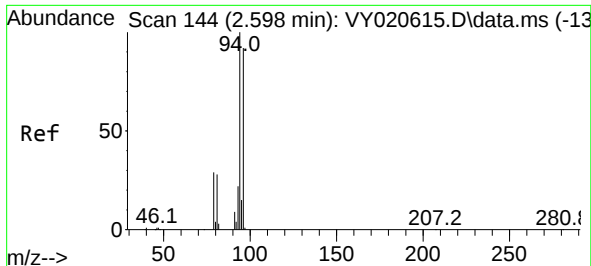
Tgt Ion: 50 Resp: 57722
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2



#4
Vinyl Chloride
Concen: 20.104 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 62 Resp: 53409
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9

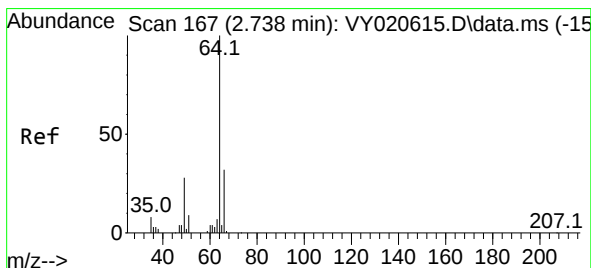
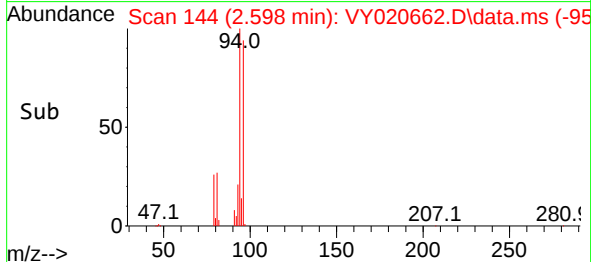
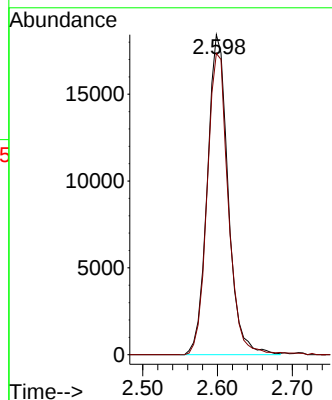
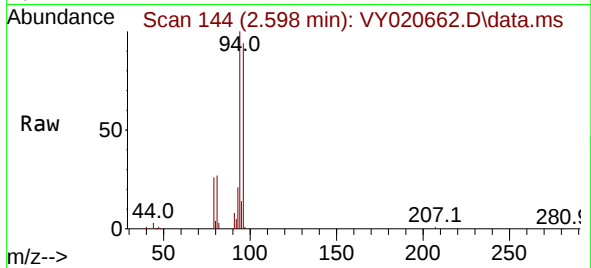




#5
Bromomethane
Concen: 20.866 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020662.D
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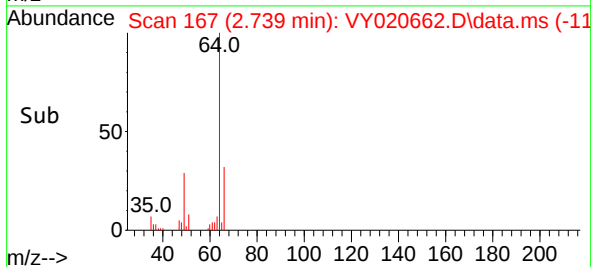
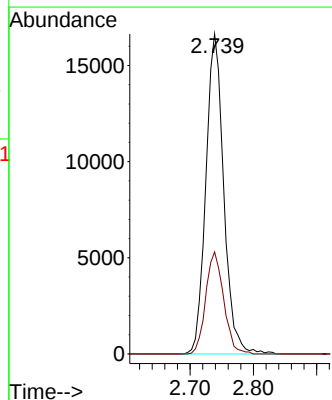
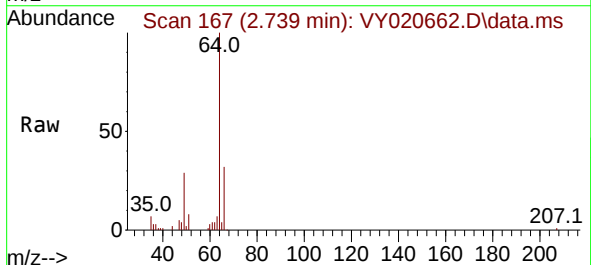
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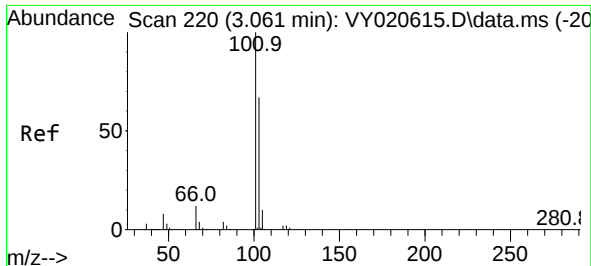
Tgt Ion: 94 Resp: 35632
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.6



#6
Chloroethane
Concen: 19.932 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 64 Resp: 32721
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.6

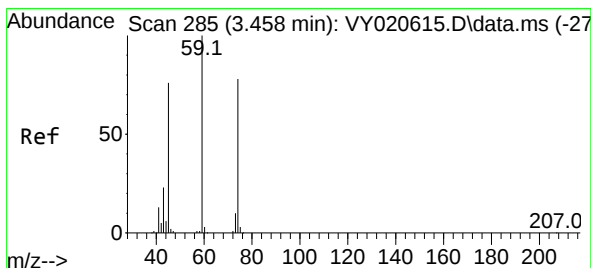
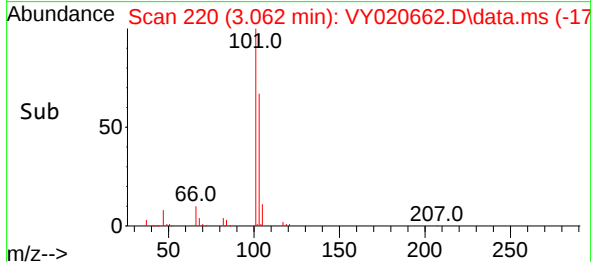
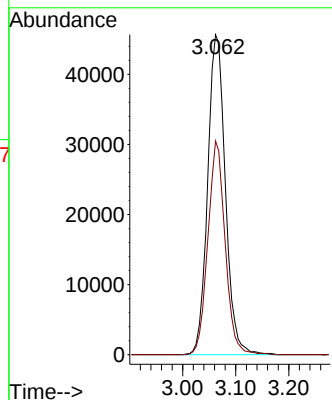
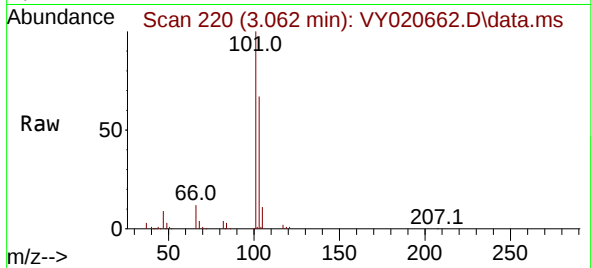




#7
Trichlorofluoromethane
Concen: 19.091 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

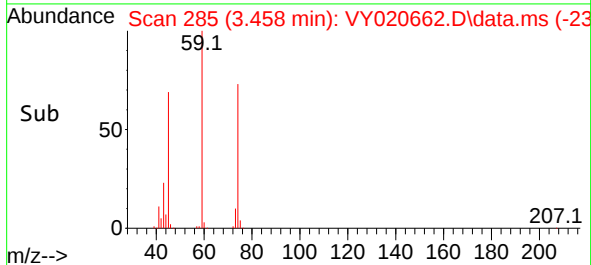
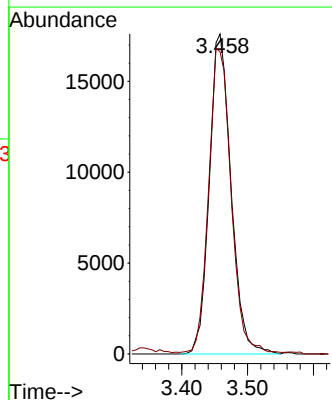
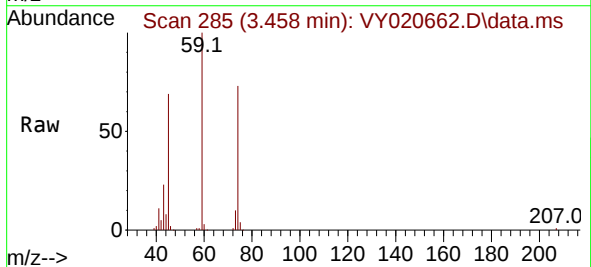
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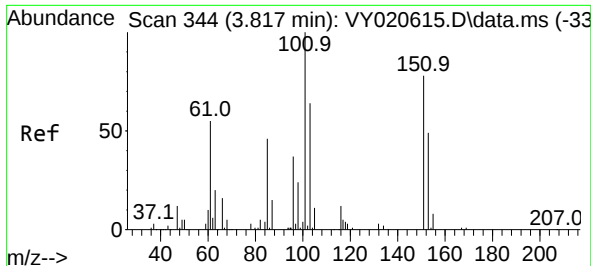
Tgt Ion:101 Resp: 106120
Ion Ratio Lower Upper
101 100
103 66.8 53.4 80.0



#8
Diethyl Ether
Concen: 20.764 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 74 Resp: 40479
Ion Ratio Lower Upper
74 100
45 97.2 49.0 147.2

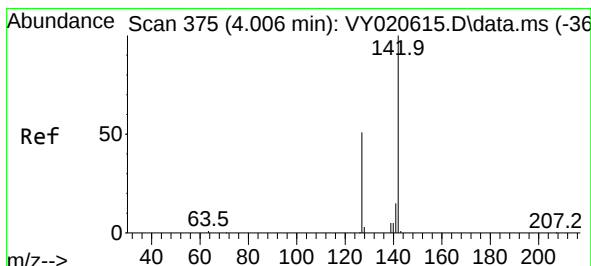
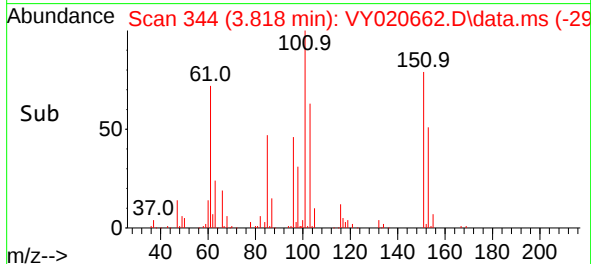
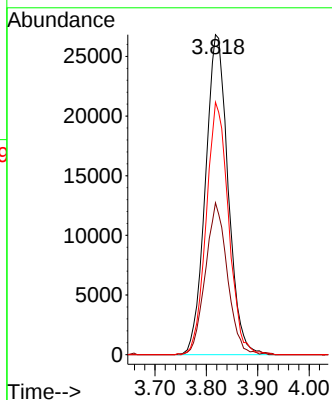
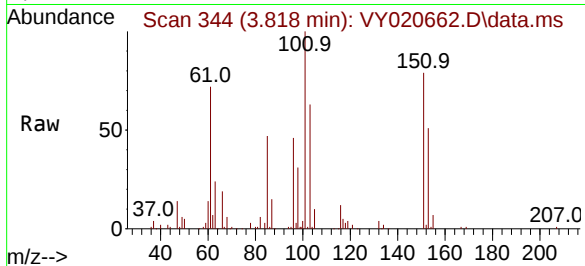




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.664 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

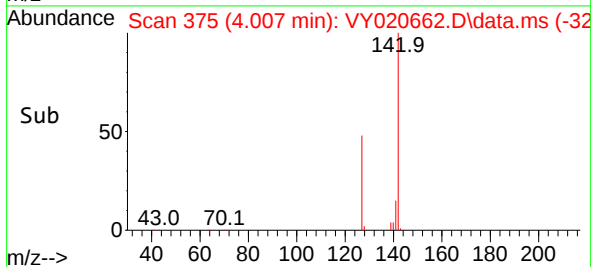
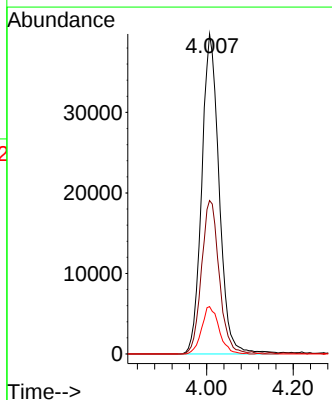
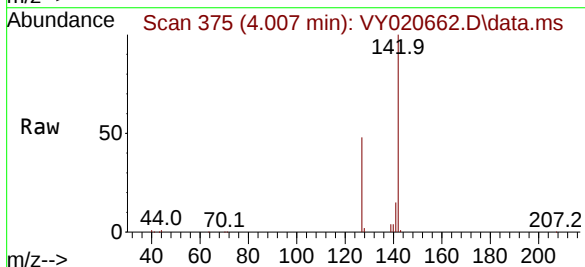
Instrument :
MSVOA_Y
ClientSampleId :

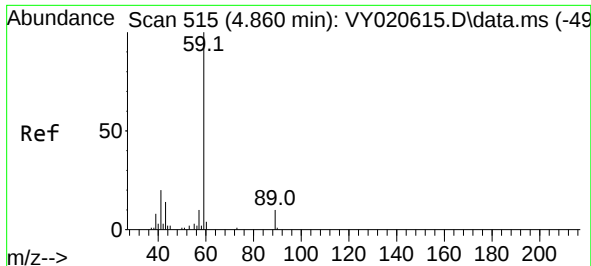
Tgt Ion:101 Resp: 82334
Ion Ratio Lower Upper
101 100
85 46.0 36.6 54.8
151 77.7 61.5 92.3



#10
Methyl Iodide
Concen: 24.986 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:142 Resp: 110838
Ion Ratio Lower Upper
142 100
127 48.9 40.6 61.0
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 41.062 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

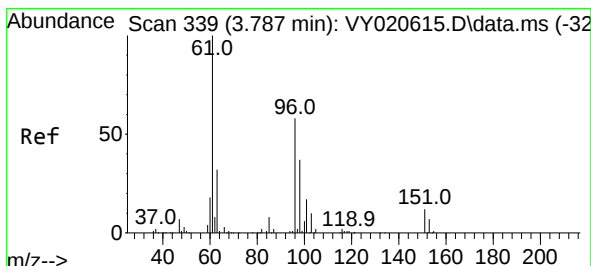
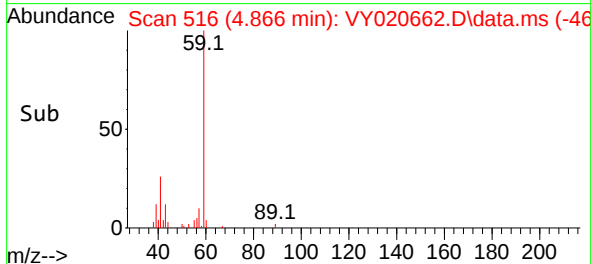
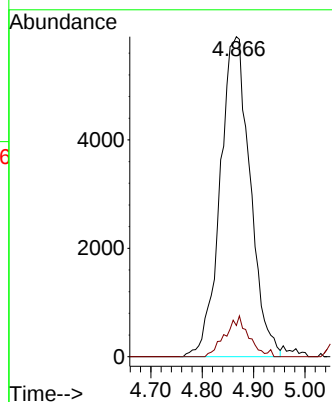
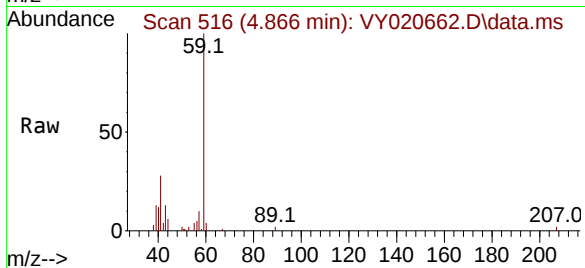
ClientSampleId :

Tgt Ion: 59 Resp: 23935

Ion Ratio Lower Upper

59 100

57 10.0 7.4 11.0



#12

1,1-Dichloroethene

Concen: 21.885 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

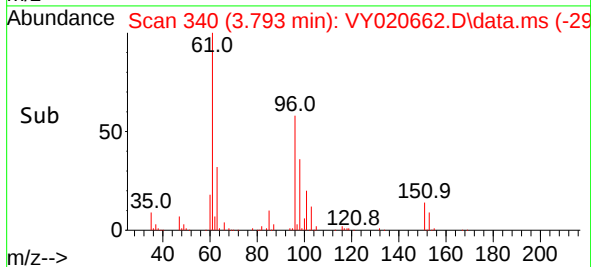
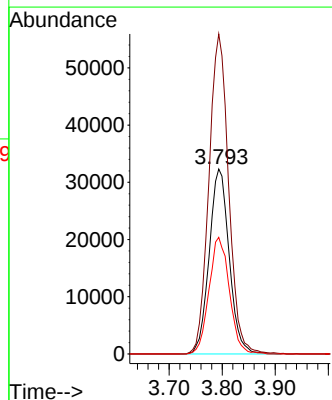
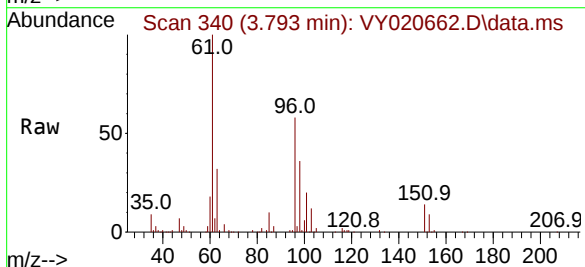
Tgt Ion: 96 Resp: 84608

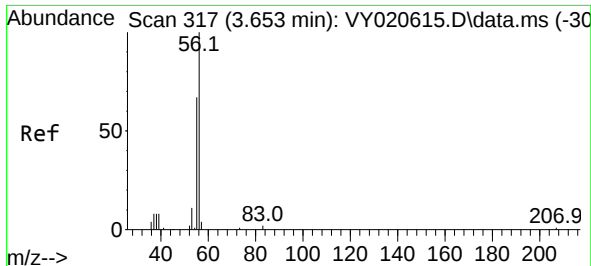
Ion Ratio Lower Upper

96 100

61 172.9 136.9 205.3

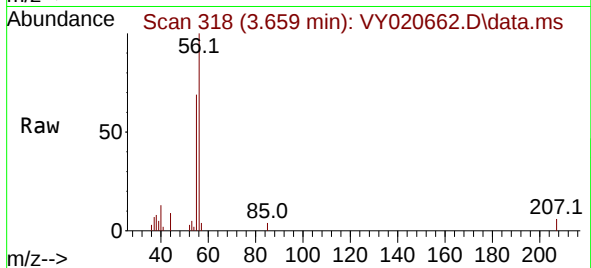
98 63.0 50.2 75.4



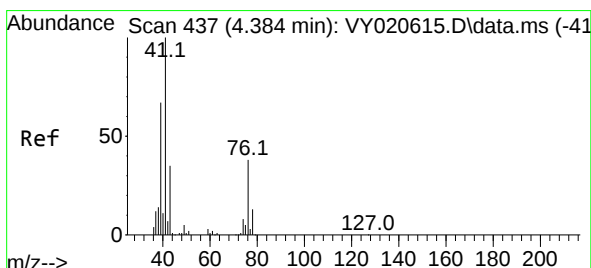
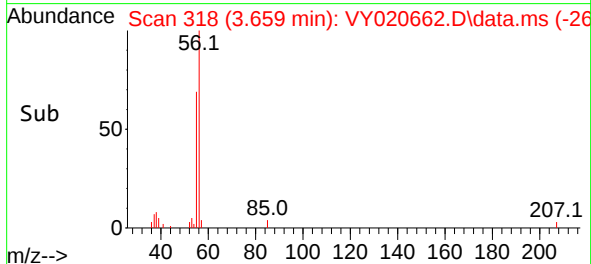
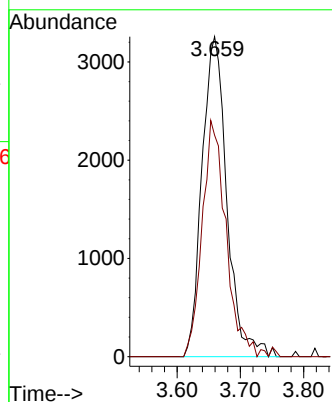


#13
Acrolein
Concen: 55.648 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

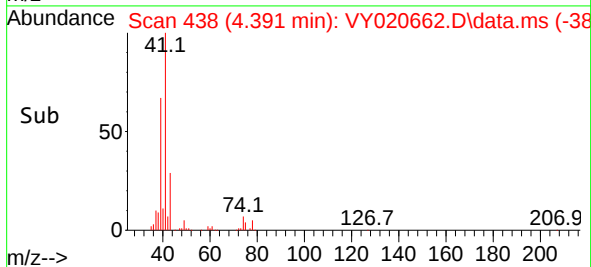
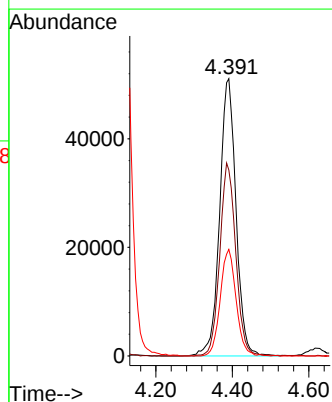
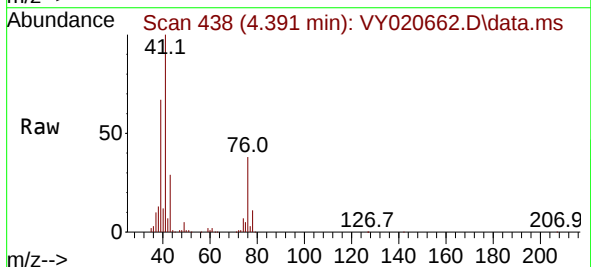


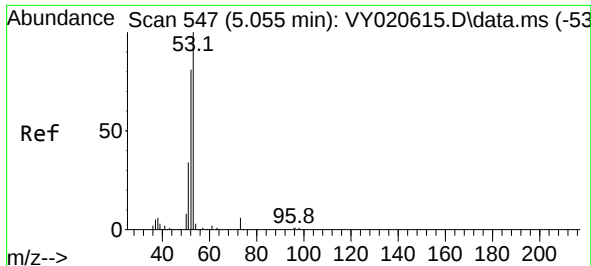
Tgt Ion: 56 Resp: 8888
Ion Ratio Lower Upper
56 100
55 71.1 57.5 86.3



#14
Allyl chloride
Concen: 22.407 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 41 Resp: 151793
Ion Ratio Lower Upper
41 100
39 67.8 53.0 79.4
76 37.0 29.5 44.3





#15

Acrylonitrile

Concen: 87.534 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

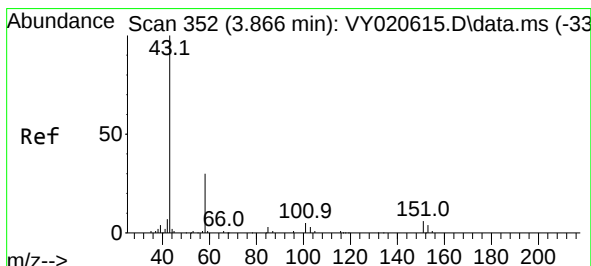
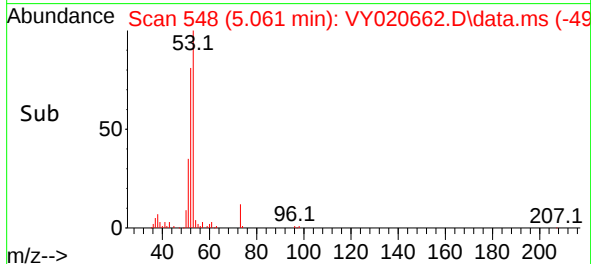
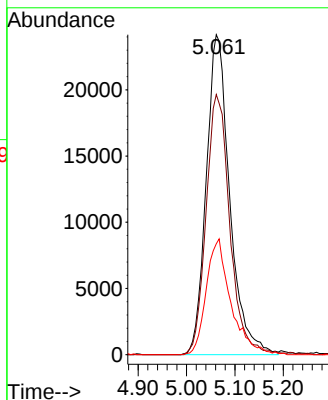
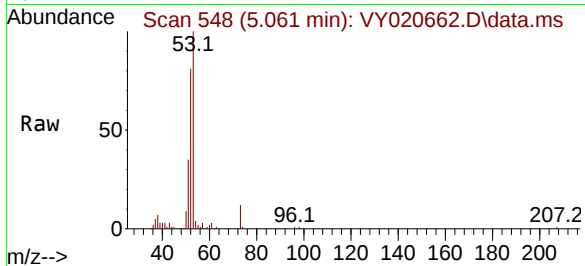
Tgt Ion: 53 Resp: 81639

Ion Ratio Lower Upper

53 100

52 82.2 64.5 96.7

51 37.8 29.4 44.0



#16

Acetone

Concen: 83.445 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.007 min

Lab File: VY020662.D

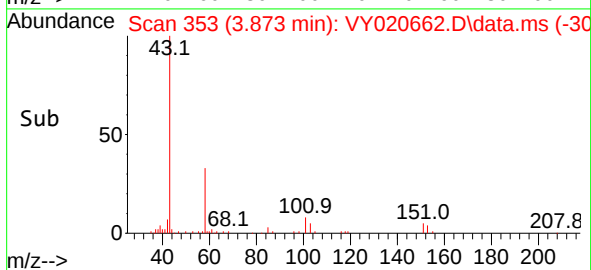
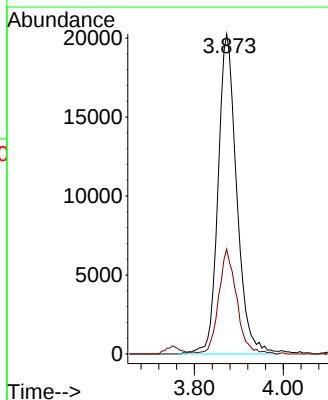
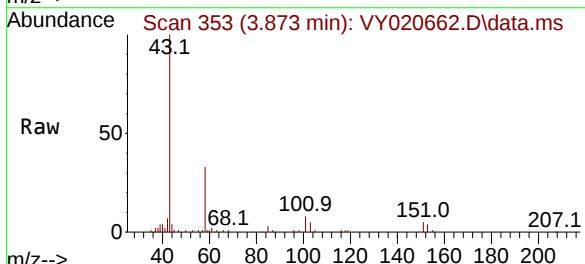
Acq: 19 Dec 2024 17:56

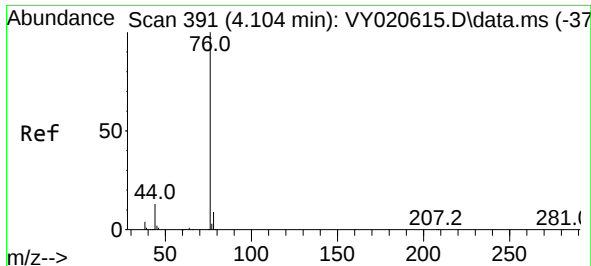
Tgt Ion: 43 Resp: 58873

Ion Ratio Lower Upper

43 100

58 32.8 25.0 37.6

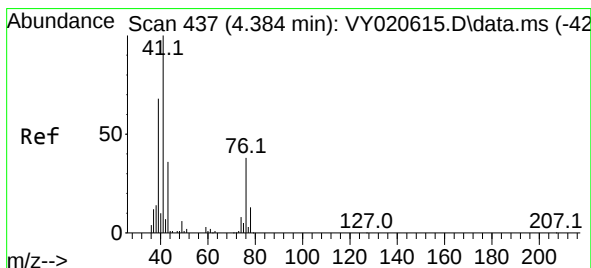
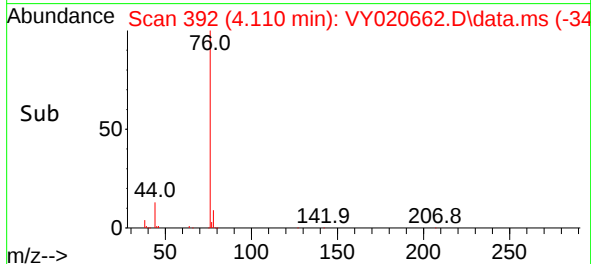
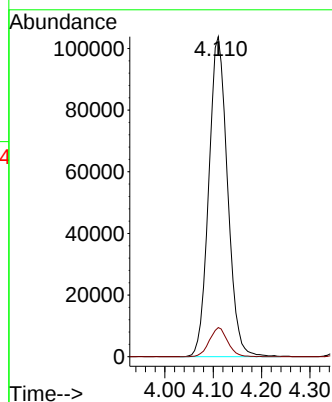
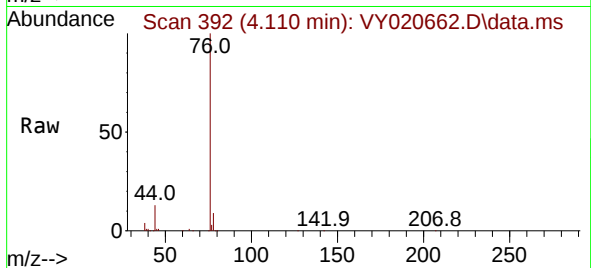




#17
Carbon Disulfide
Concen: 22.232 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

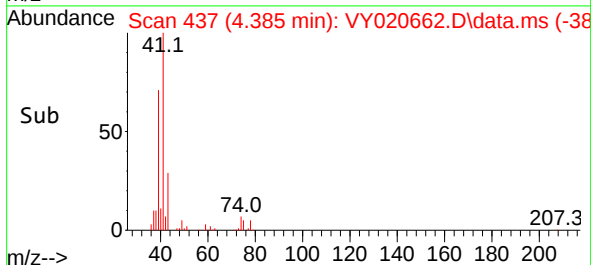
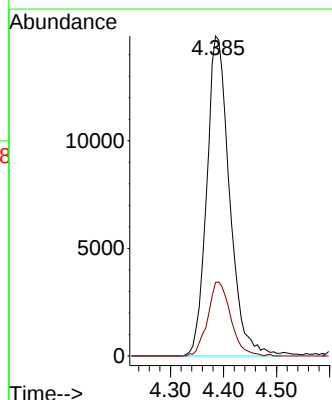
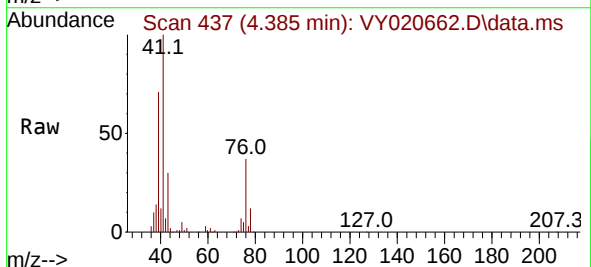
Instrument :
MSVOA_Y
ClientSampleId :

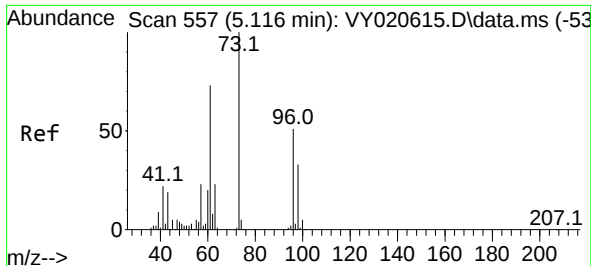
Tgt Ion: 76 Resp: 279766
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 19.310 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 43 Resp: 44378
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

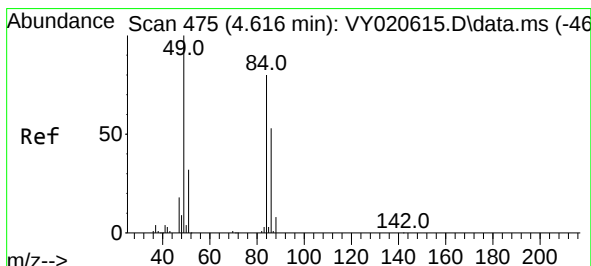
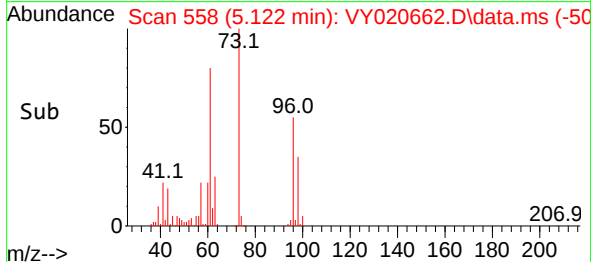
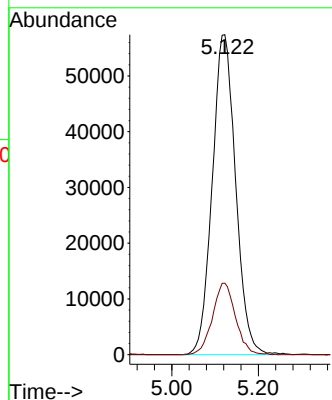
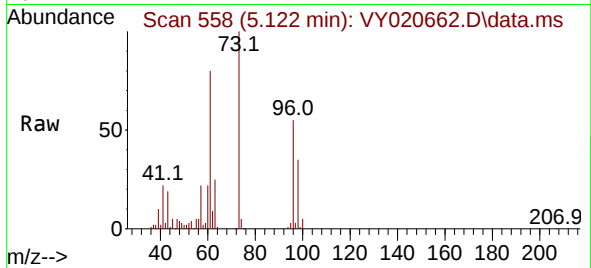




#19
Methyl tert-butyl Ether
Concen: 21.584 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

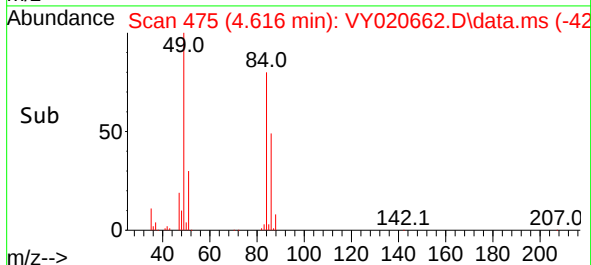
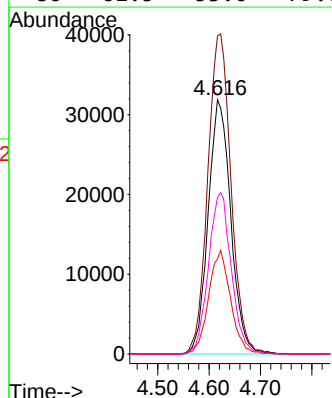
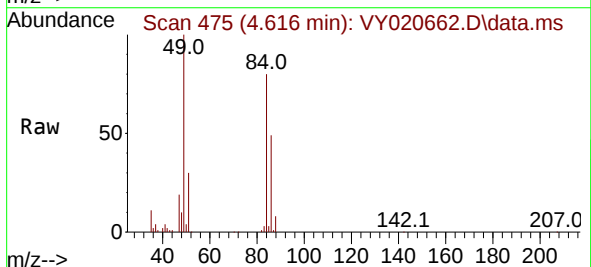
Instrument :
MSVOA_Y
ClientSampleId :

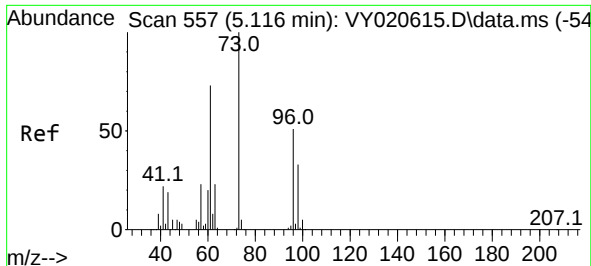
Tgt Ion: 73 Resp: 215375
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7



#20
Methylene Chloride
Concen: 23.204 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

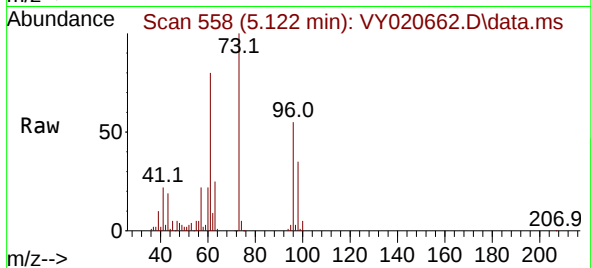
Tgt Ion: 84 Resp: 97448
Ion Ratio Lower Upper
84 100
49 125.1 100.7 151.1
51 37.3 32.2 48.2
86 61.5 53.0 79.6



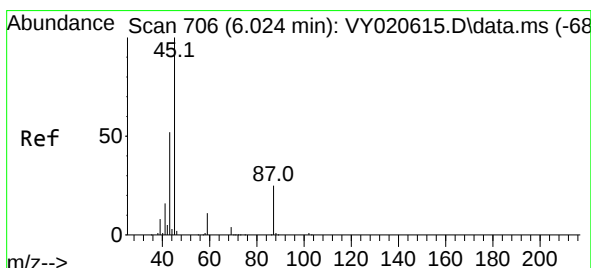
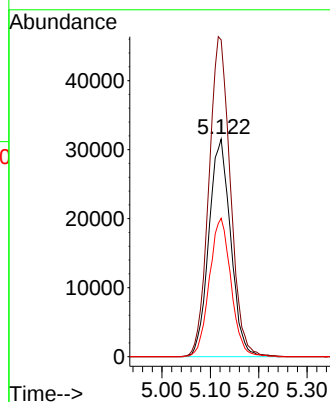
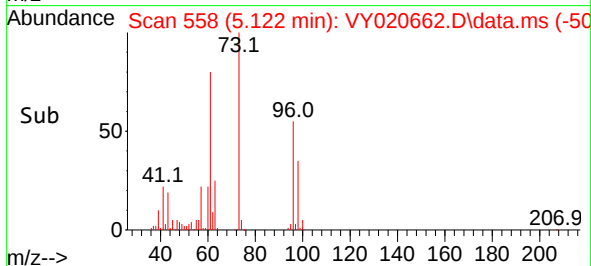


#21
trans-1,2-Dichloroethene
Concen: 22.803 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

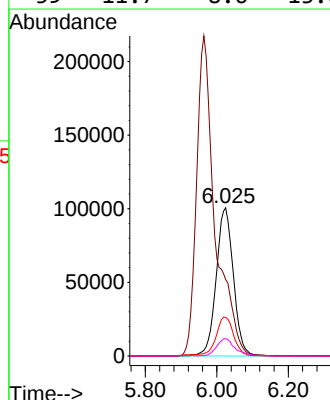
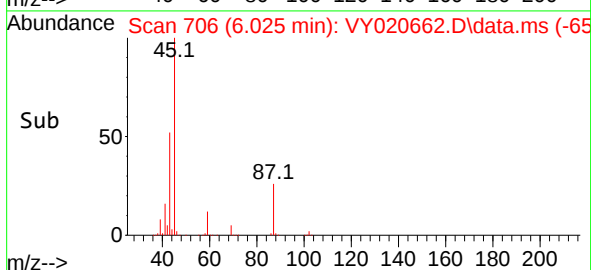
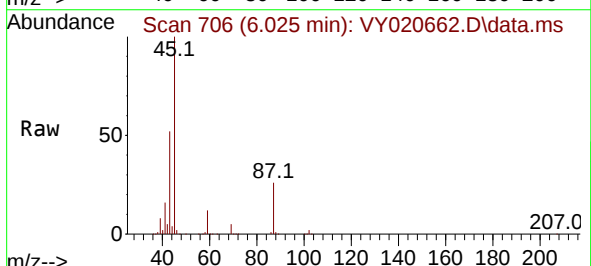


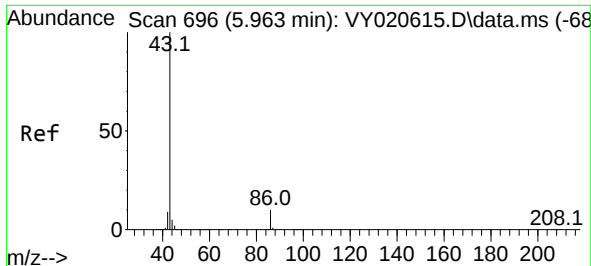
Tgt Ion: 96 Resp: 98887
Ion Ratio Lower Upper
96 100
61 145.6 113.7 170.5
98 63.6 51.7 77.5



#22
Diisopropyl ether
Concen: 24.389 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 45 Resp: 335366
Ion Ratio Lower Upper
45 100
43 51.5 42.6 64.0
87 26.0 20.6 31.0
59 11.7 8.6 13.0

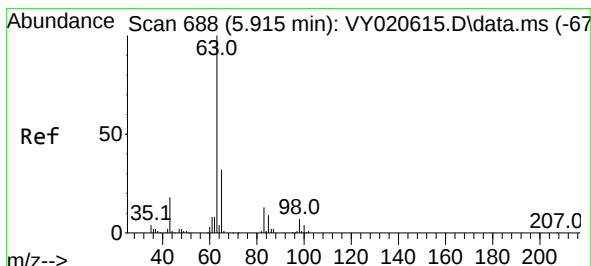
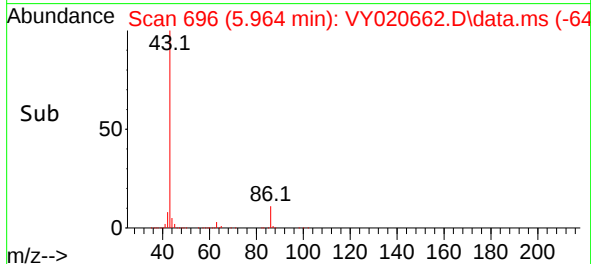
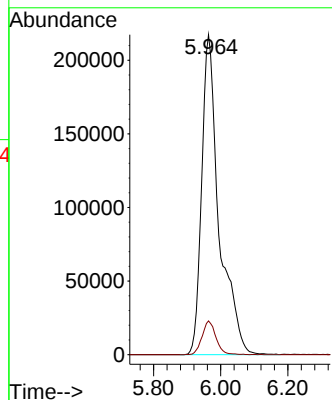
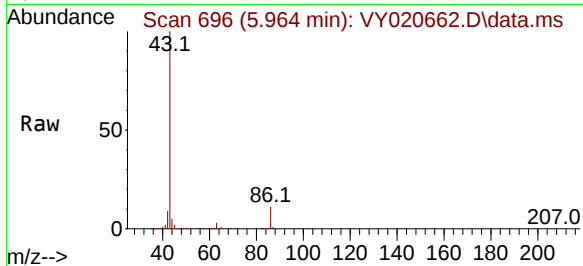




#23
 Vinyl Acetate
 Concen: 100.483 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

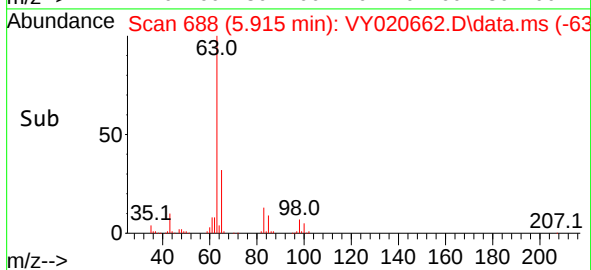
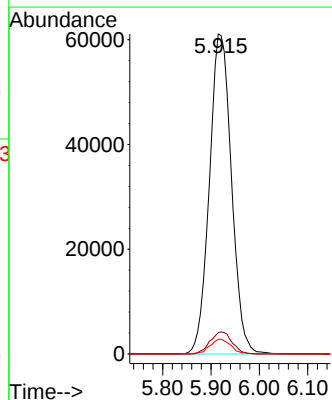
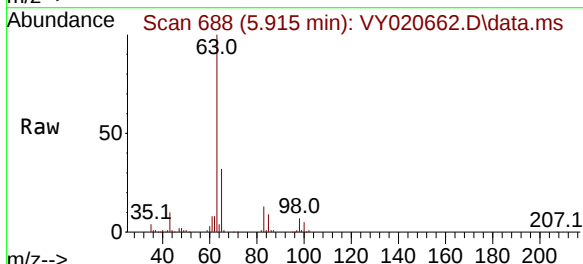
Instrument :
 MSVOA_Y
 ClientSampleId :

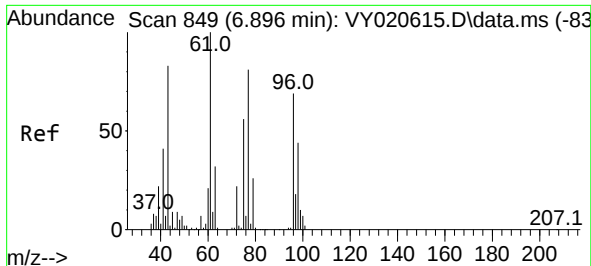
Tgt Ion: 43 Resp: 782554
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 24.037 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

Tgt Ion: 63 Resp: 193633
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 82.027 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

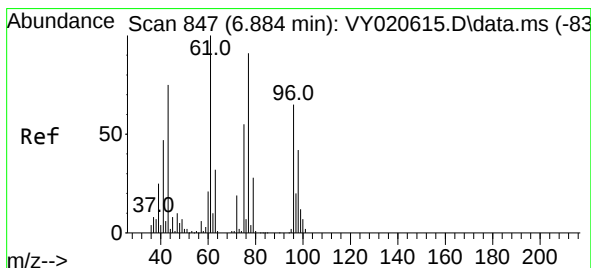
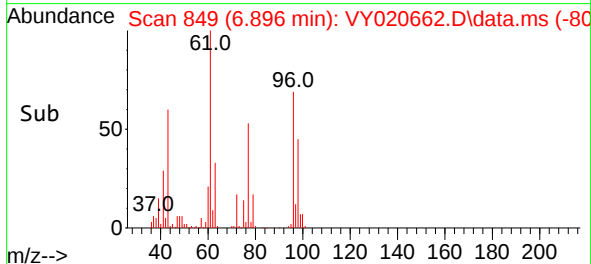
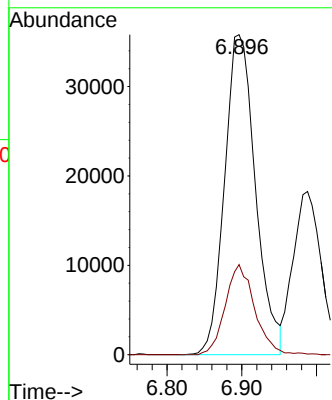
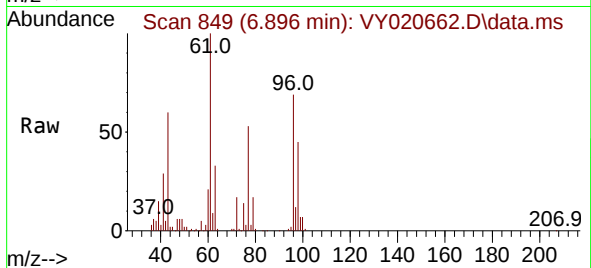
ClientSampleId :

Tgt Ion: 43 Resp: 102968

Ion Ratio Lower Upper

43 100

72 28.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 13.836 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020662.D

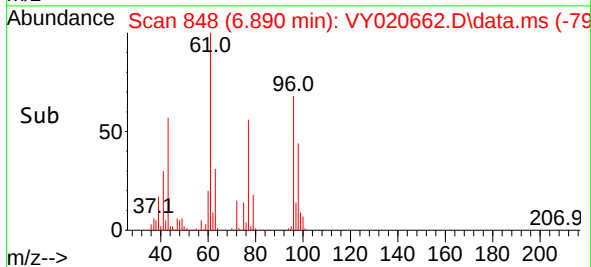
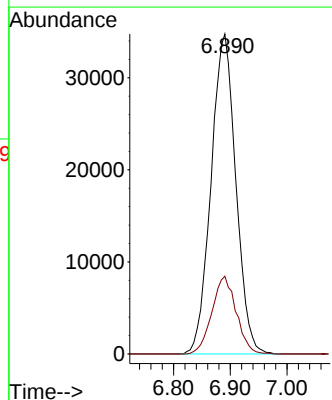
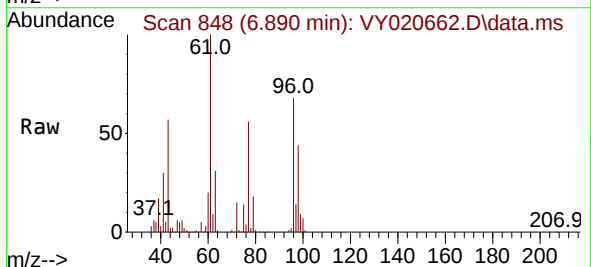
Acq: 19 Dec 2024 17:56

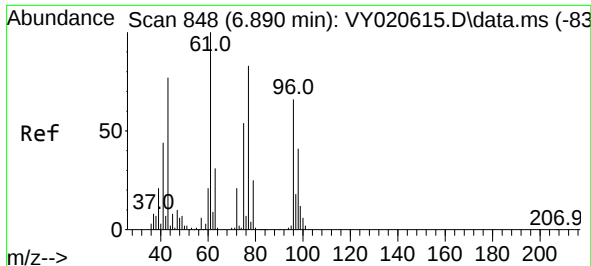
Tgt Ion: 77 Resp: 105366

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 23.640 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

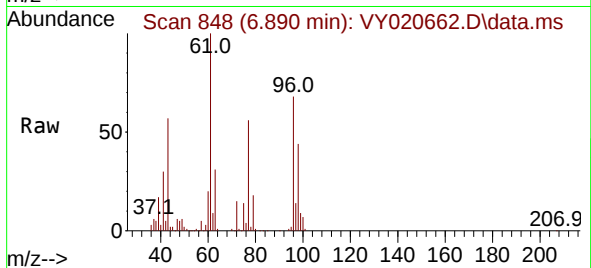
Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :



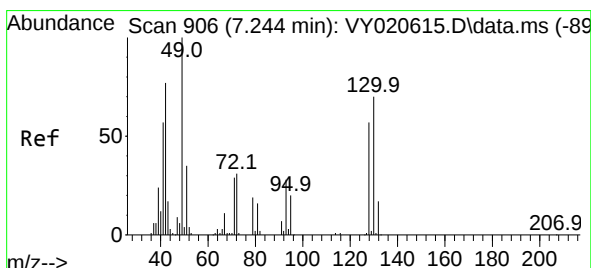
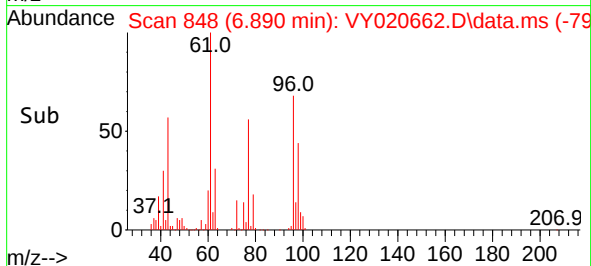
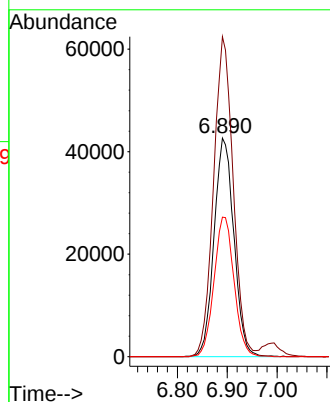
Tgt Ion: 96 Resp: 117949

Ion Ratio Lower Upper

96 100

61 144.3 0.0 306.2

98 64.4 0.0 127.2



#28

Bromochloromethane

Concen: 24.867 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

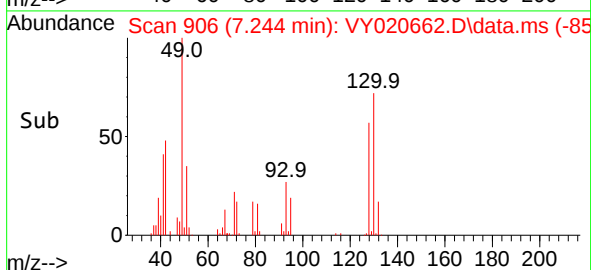
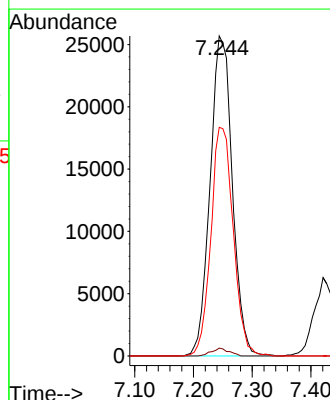
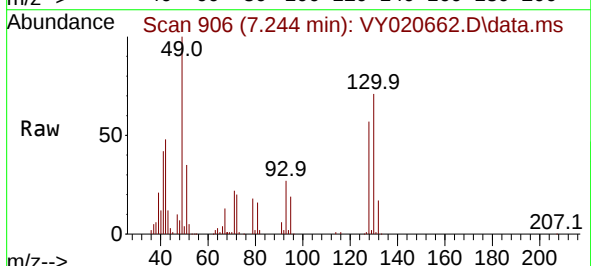
Tgt Ion: 49 Resp: 67567

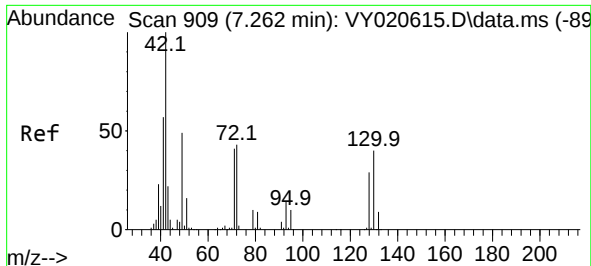
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

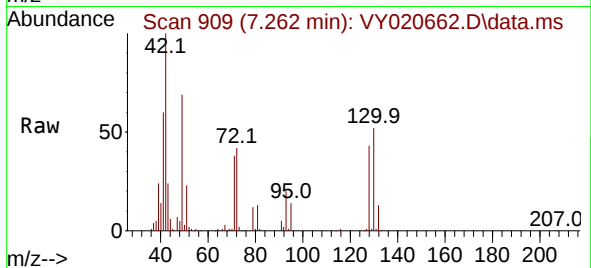
130 71.7 58.3 87.5



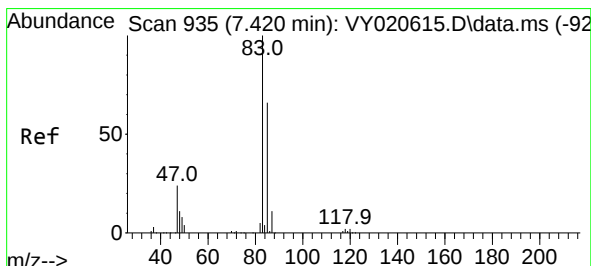
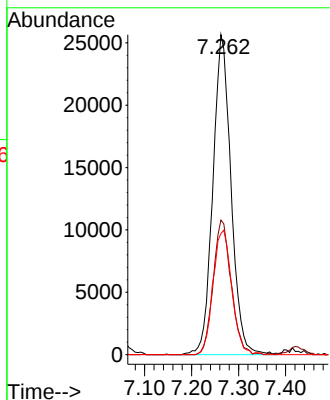
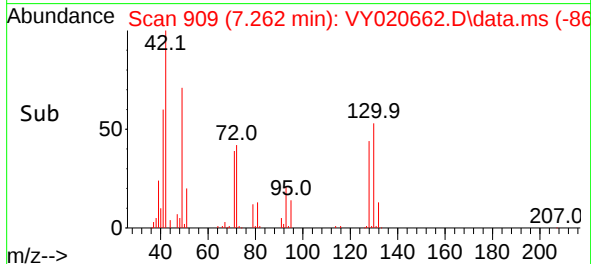


#29
Tetrahydrofuran
Concen: 87.132 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

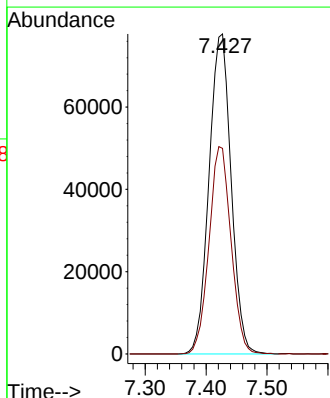
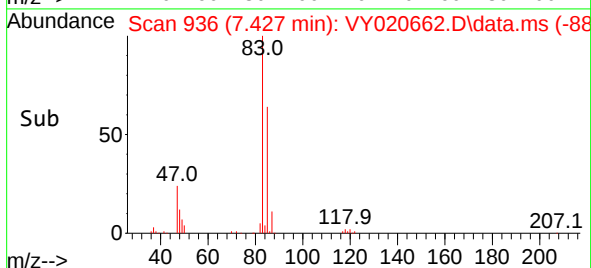
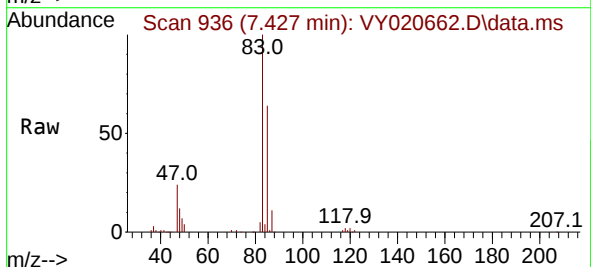


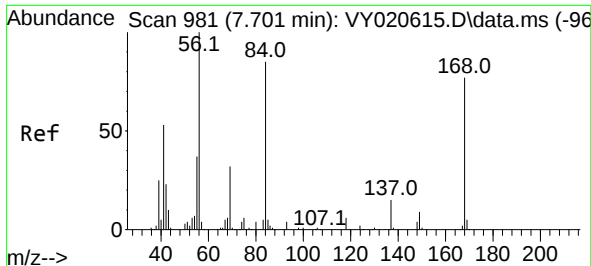
Tgt Ion: 42 Resp: 69047
Ion Ratio Lower Upper
42 100
72 41.5 34.0 51.0
71 40.2 31.6 47.4



#30
Chloroform
Concen: 21.191 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

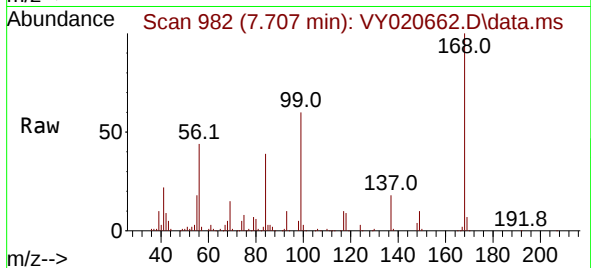
Tgt Ion: 83 Resp: 196092
Ion Ratio Lower Upper
83 100
85 64.3 52.7 79.1



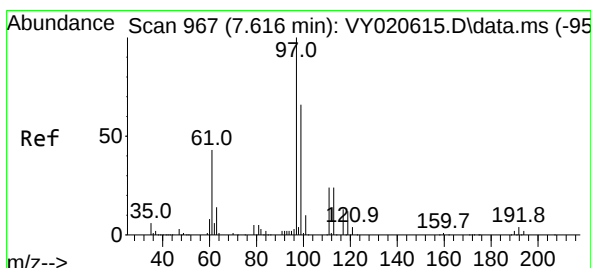
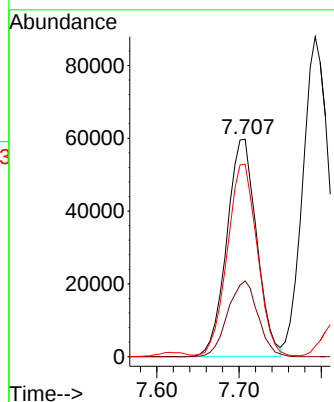
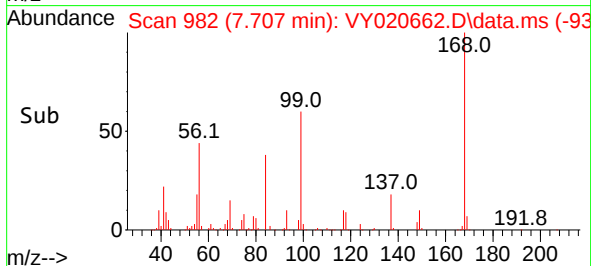


#31
Cyclohexane
Concen: 19.618 ug/l
RT: 7.707 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

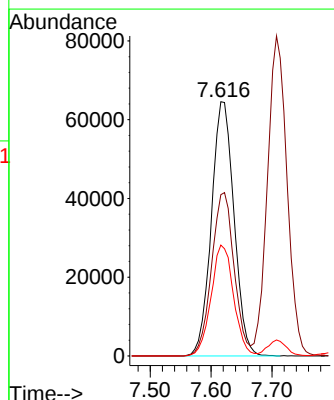
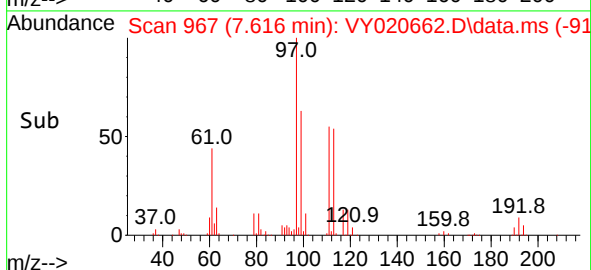
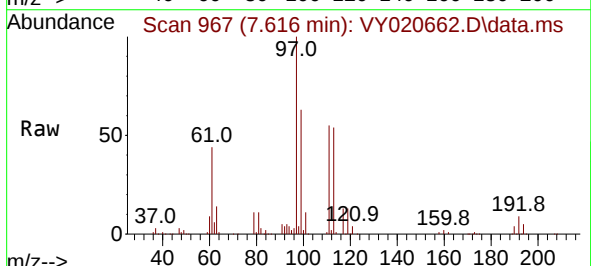


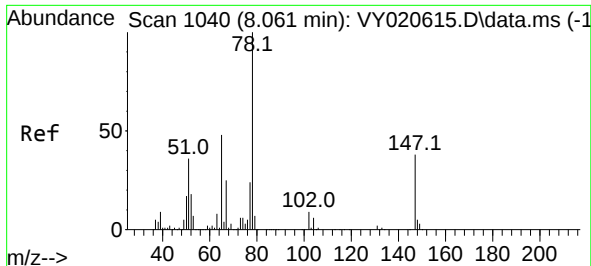
Tgt Ion: 56 Resp: 151108
Ion Ratio Lower Upper
56 100
69 34.8 25.4 38.0
84 86.7 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 22.530 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 97 Resp: 166740
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 43.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.981 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

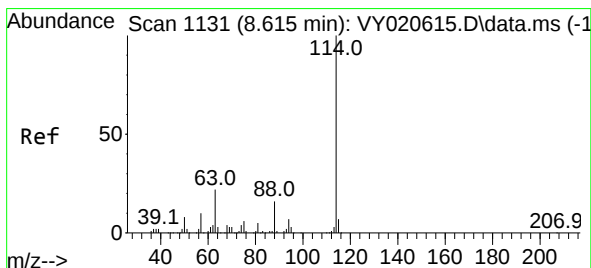
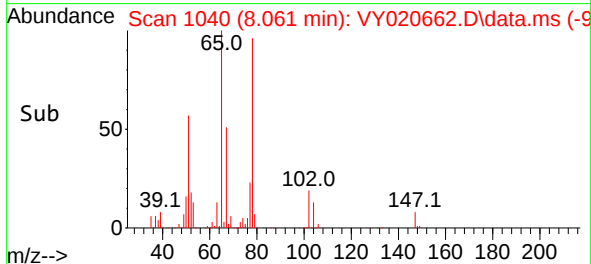
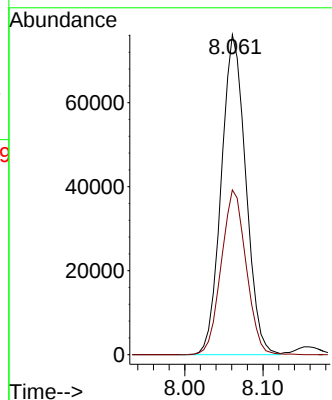
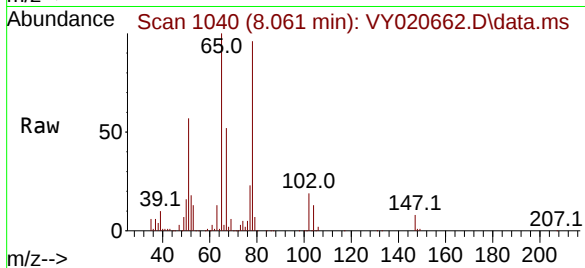
ClientSampleId :

Tgt Ion: 65 Resp: 165446

Ion Ratio Lower Upper

65 100

67 52.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

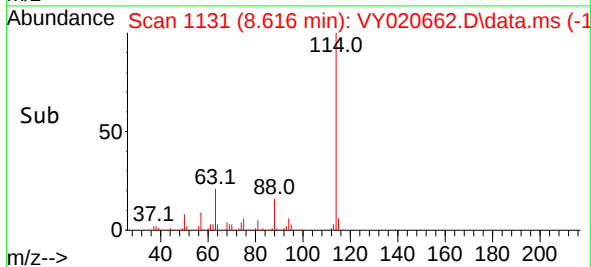
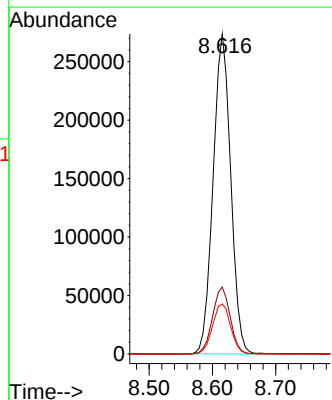
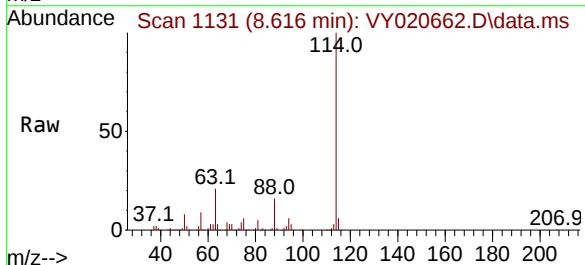
Tgt Ion: 114 Resp: 528371

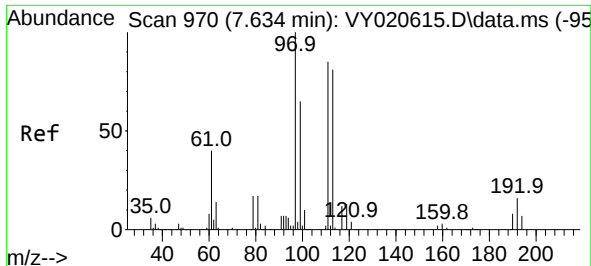
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

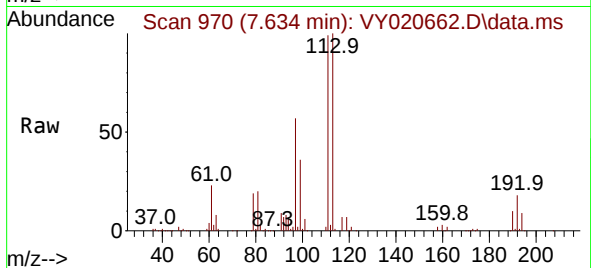
88 15.7 0.0 32.8



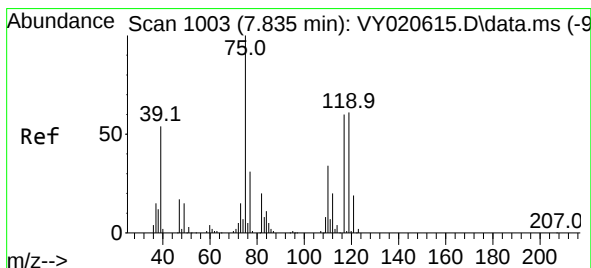
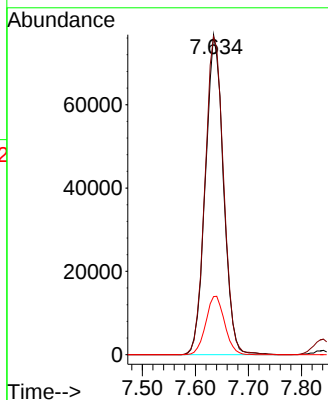
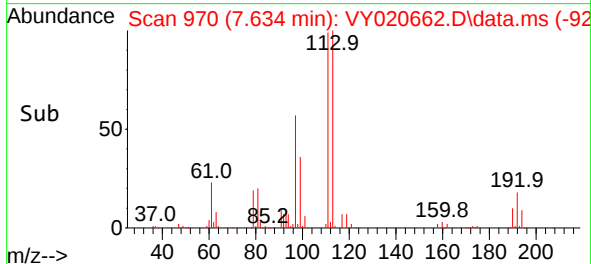


#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

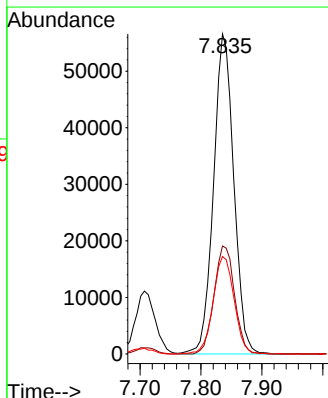
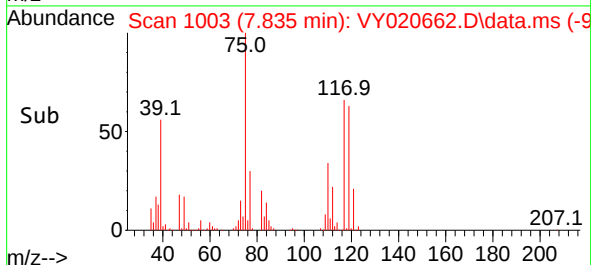
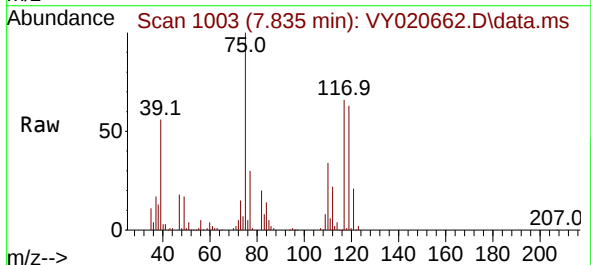


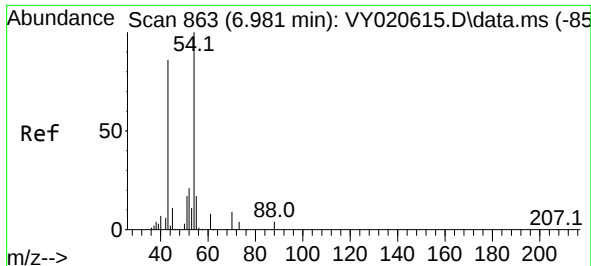
Tgt Ion:113 Resp: 181222
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.1 15.7 23.5



#36
1,1-Dichloropropene
Concen: 19.208 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 75 Resp: 130429
Ion Ratio Lower Upper
75 100
110 34.2 16.8 50.4
77 31.6 25.0 37.6

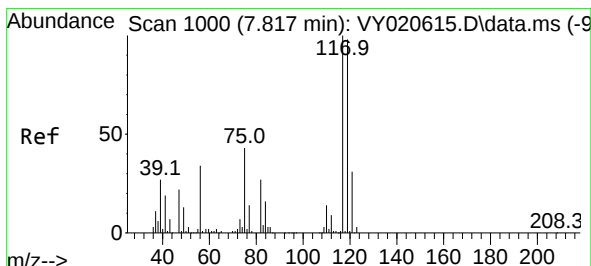
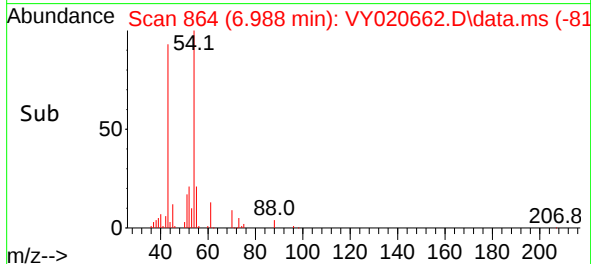
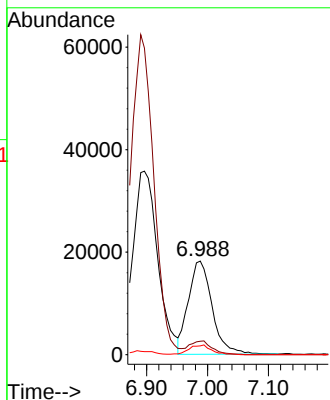
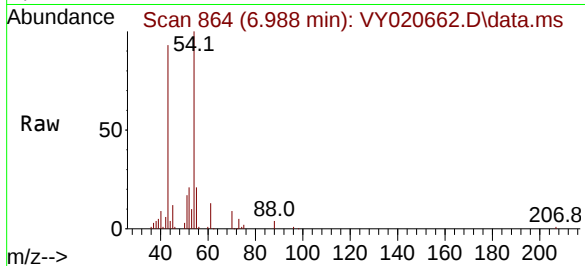




#37
Ethyl Acetate
Concen: 15.417 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

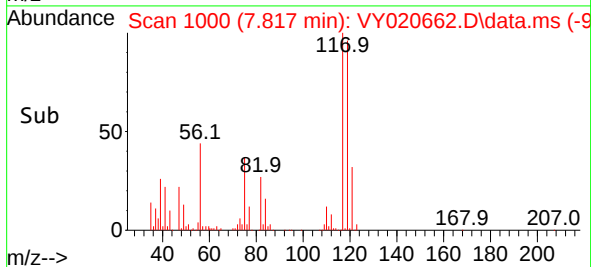
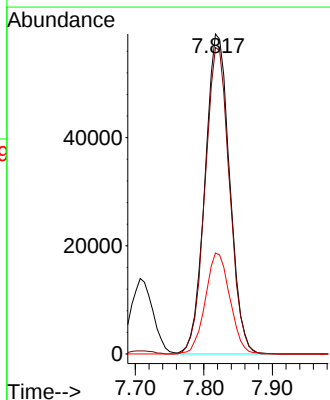
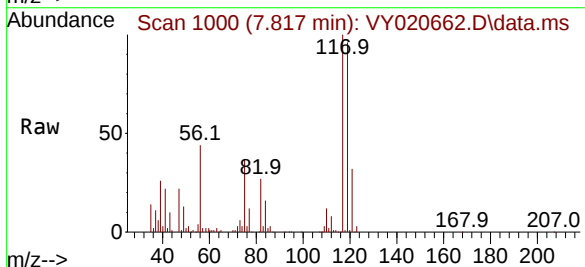
Instrument :
MSVOA_Y
ClientSampleId :

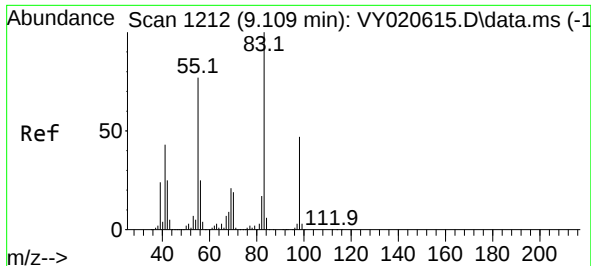
Tgt Ion: 43 Resp: 49241
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.640 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 117 Resp: 147544
Ion Ratio Lower Upper
117 100
119 95.8 78.3 117.5
121 31.6 25.1 37.7





#39

Methylcyclohexane

Concen: 17.524 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

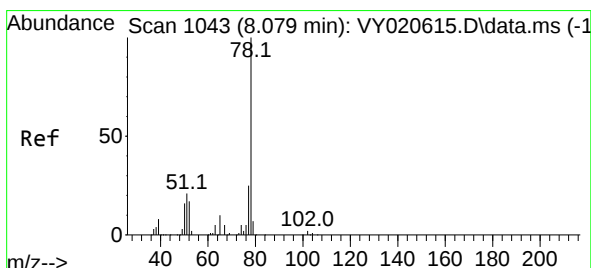
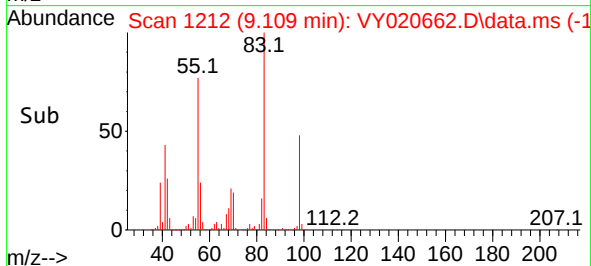
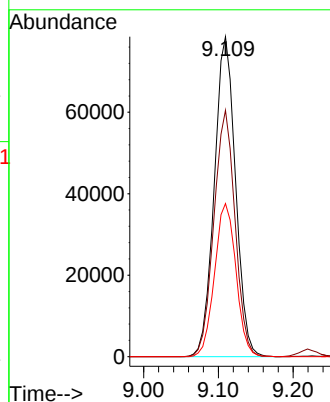
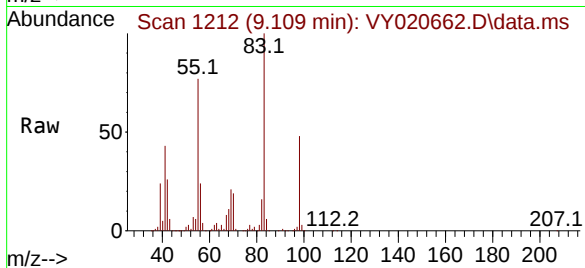
Tgt Ion: 83 Resp: 155084

Ion Ratio Lower Upper

83 100

55 77.0 61.4 92.0

98 47.9 37.3 55.9



#40

Benzene

Concen: 21.564 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020662.D

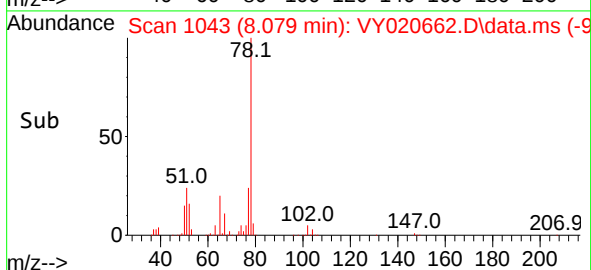
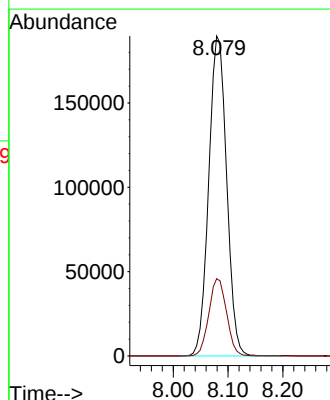
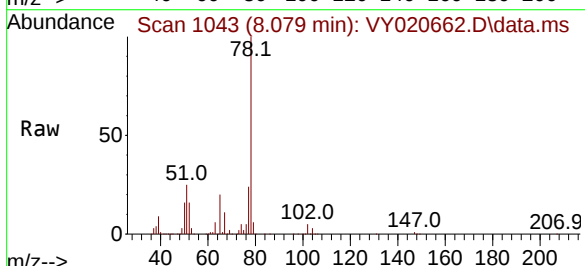
Acq: 19 Dec 2024 17:56

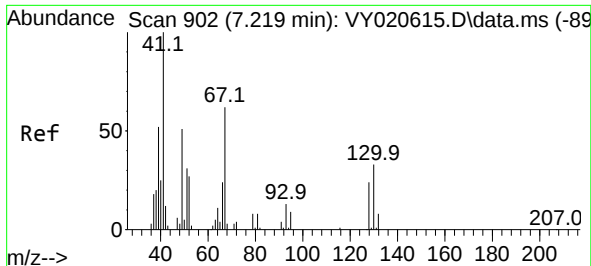
Tgt Ion: 78 Resp: 429196

Ion Ratio Lower Upper

78 100

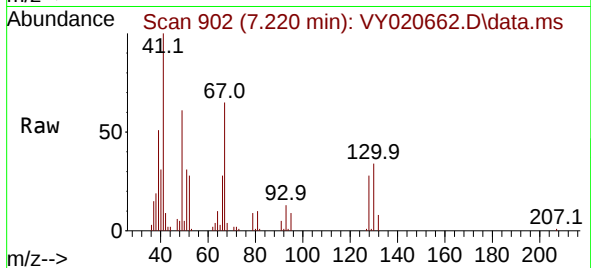
77 24.2 20.1 30.1



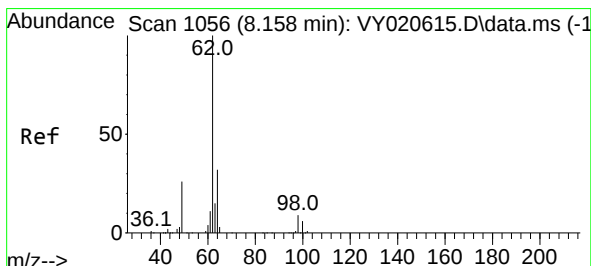
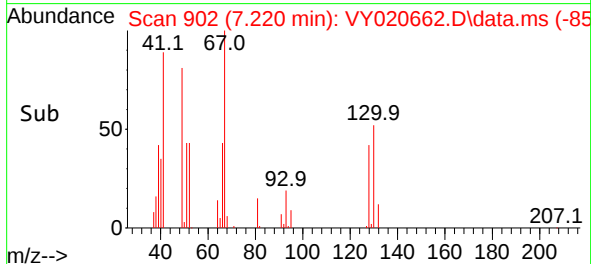
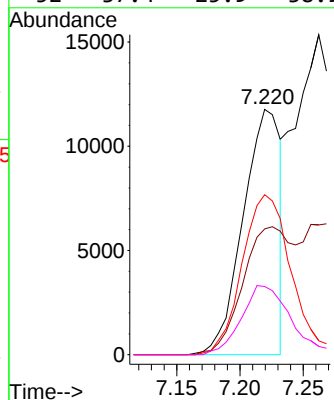


#41
Methacrylonitrile
Concen: 14.338 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

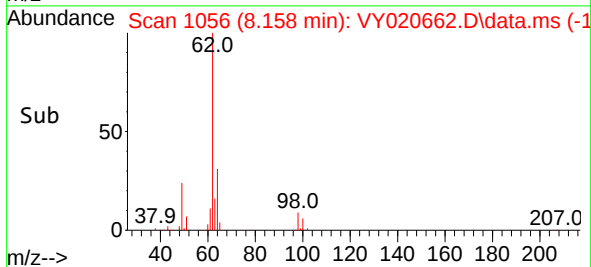
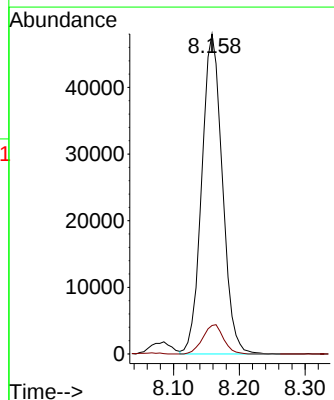
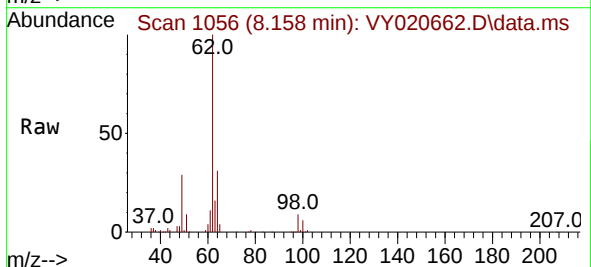


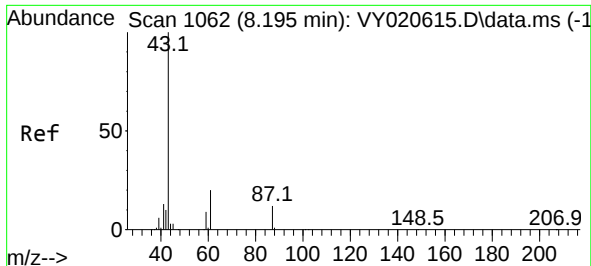
Tgt Ion:	41	Resp:	24211
Ion	Ratio	Lower	Upper
41	100		
39	69.9	53.6	80.4
67	85.9	62.0	93.0
52	37.4	25.9	38.9



#42
1,2-Dichloroethane
Concen: 19.798 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:	62	Resp:	104508
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.0

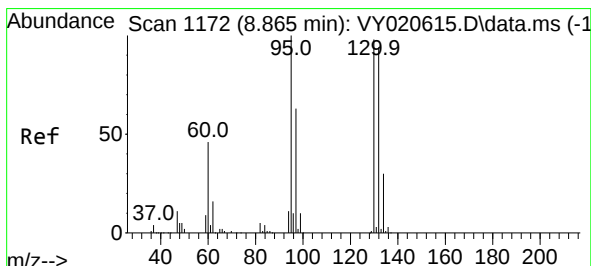
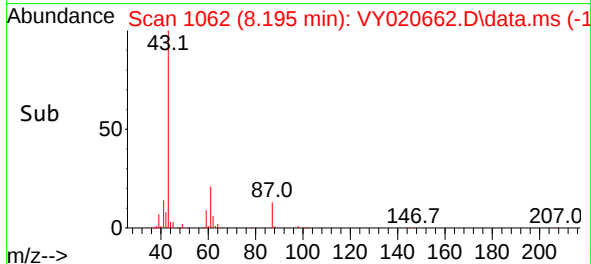
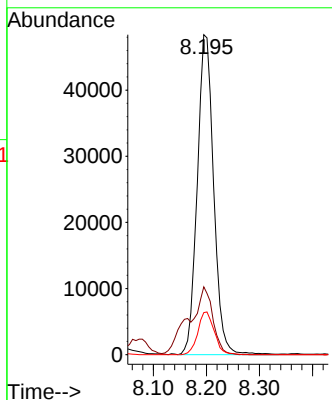
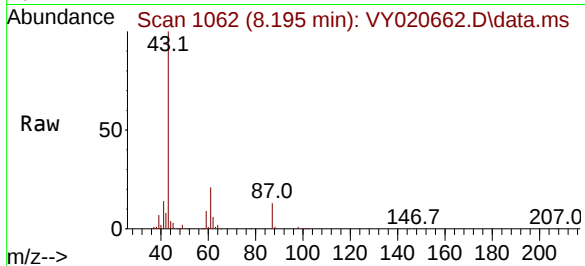




#43
Isopropyl Acetate
Concen: 17.203 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

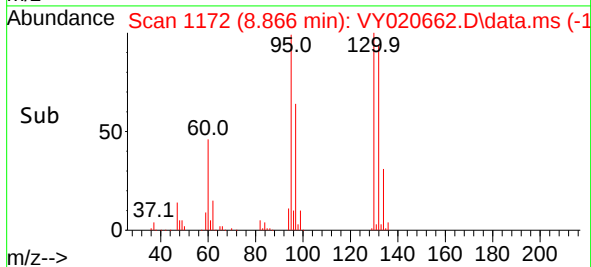
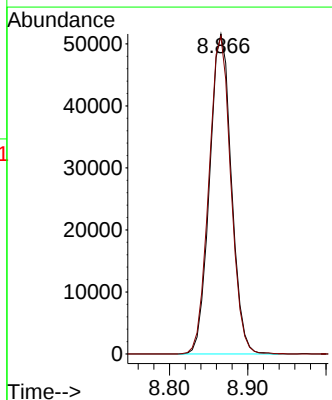
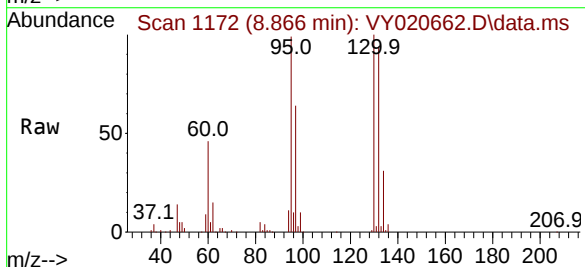
Instrument :
MSVOA_Y
ClientSampleId :

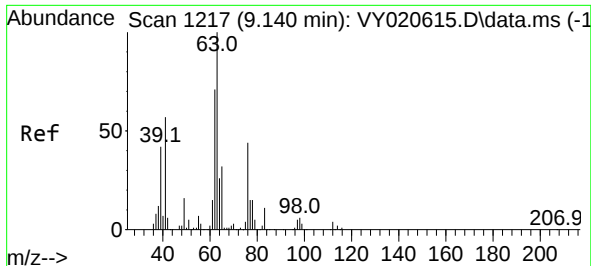
Tgt Ion: 43 Resp: 104020
Ion Ratio Lower Upper
43 100
61 30.8 23.8 35.6
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 20.381 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:130 Resp: 99674
Ion Ratio Lower Upper
130 100
95 99.3 0.0 203.2





#45

1,2-Dichloropropane

Concen: 21.636 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

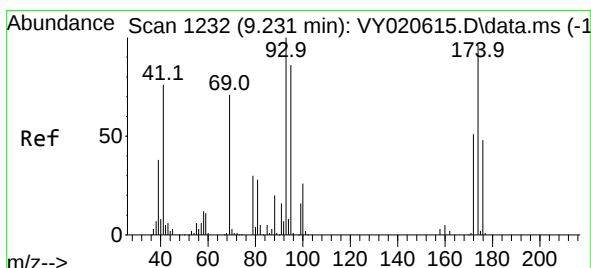
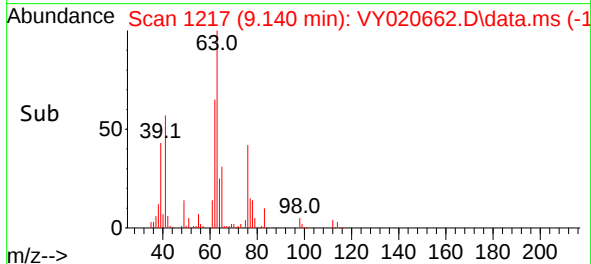
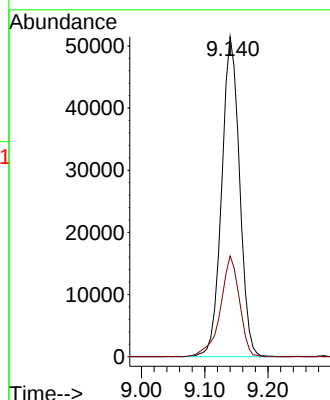
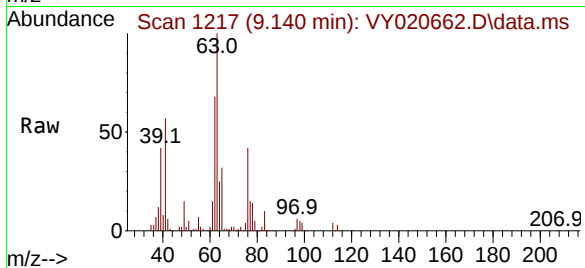
ClientSampleId :

Tgt Ion: 63 Resp: 100644

Ion Ratio Lower Upper

63 100

65 31.5 25.9 38.9



#46

Dibromomethane

Concen: 19.282 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

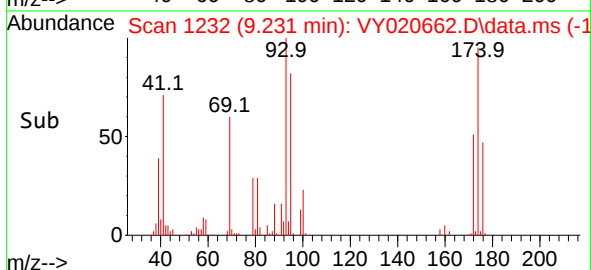
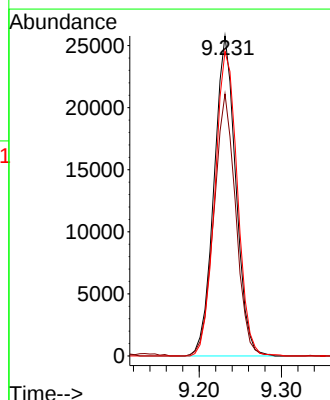
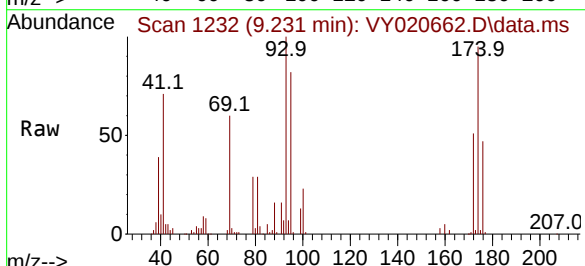
Tgt Ion: 93 Resp: 47401

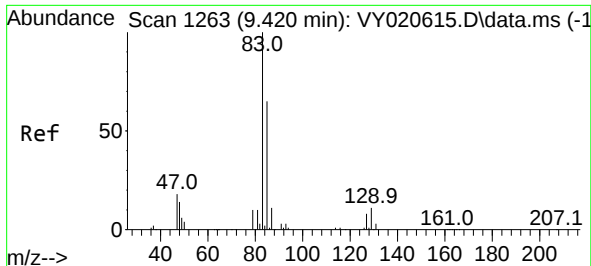
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 98.5 77.8 116.6

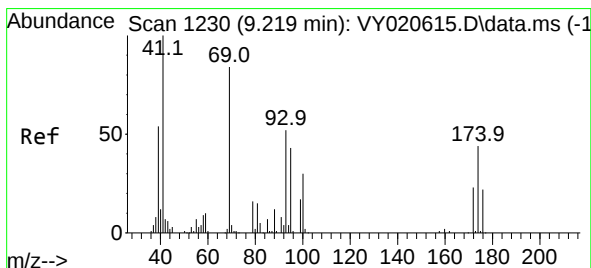
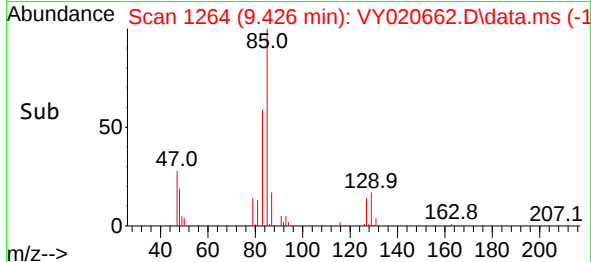
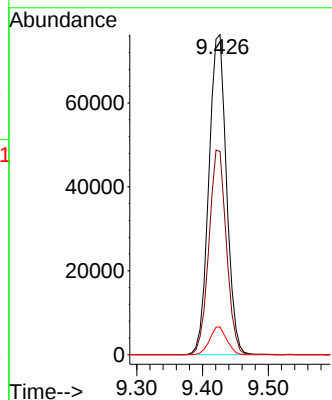
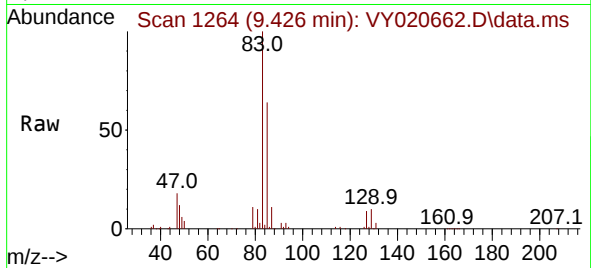




#47
Bromodichloromethane
Concen: 21.405 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

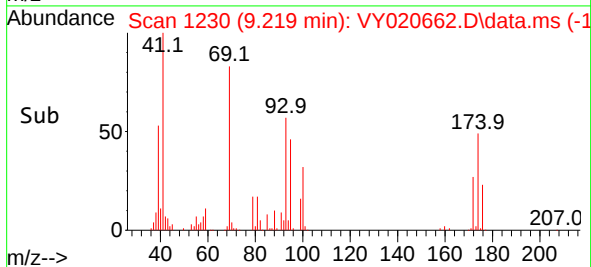
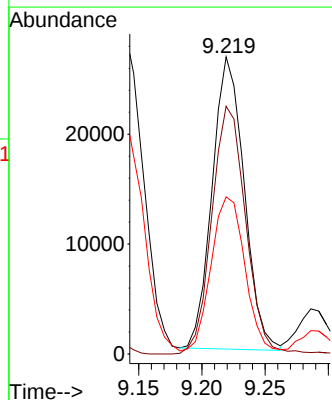
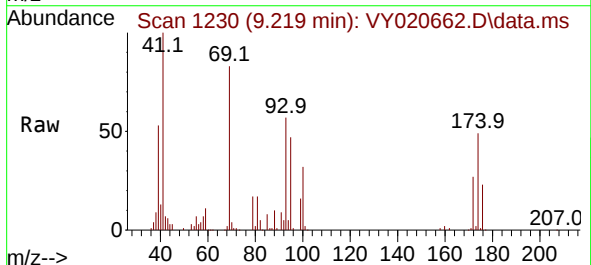
Instrument :
MSVOA_Y
ClientSampleId :

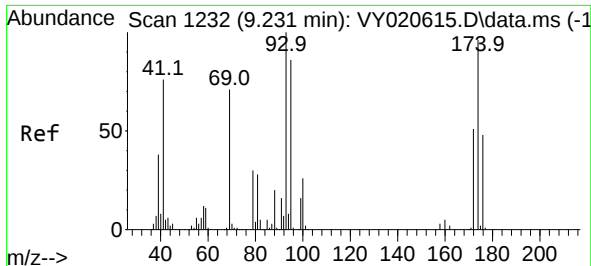
Tgt Ion: 83 Resp: 142143
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 16.260 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 41 Resp: 46742
Ion Ratio Lower Upper
41 100
69 90.1 67.2 100.8
39 55.6 42.2 63.4





#49

1,4-Dioxane

Concen: 318.450 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

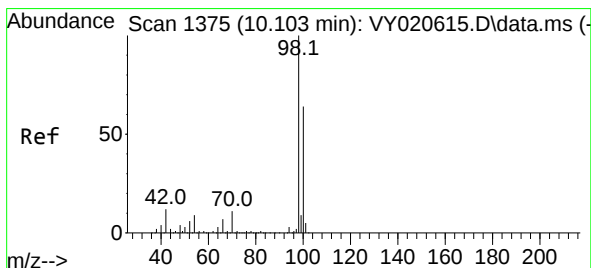
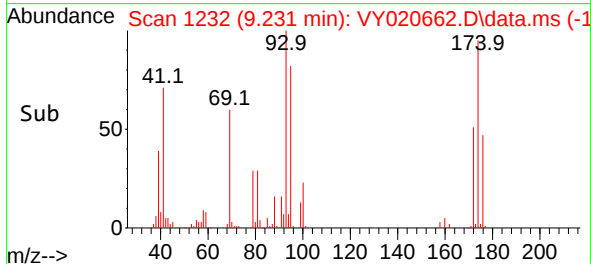
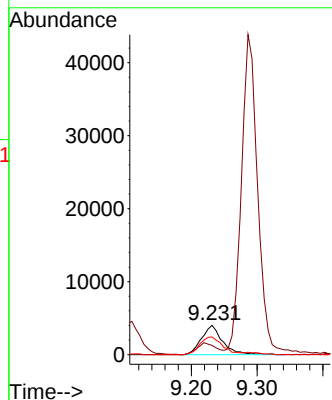
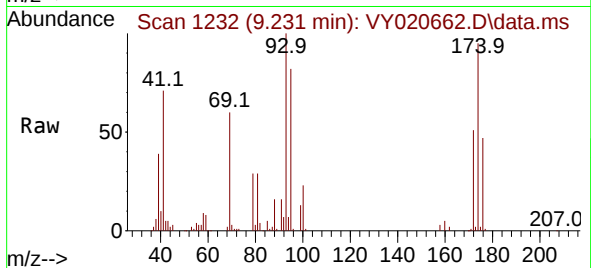
Tgt Ion: 88 Resp: 8978

Ion Ratio Lower Upper

88 100

43 37.2 27.6 41.4

58 64.6 61.7 92.5



#50

Toluene-d8

Concen: 51.718 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020662.D

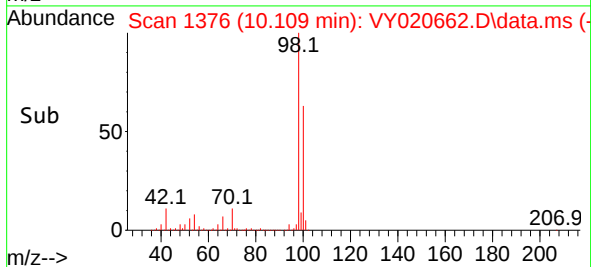
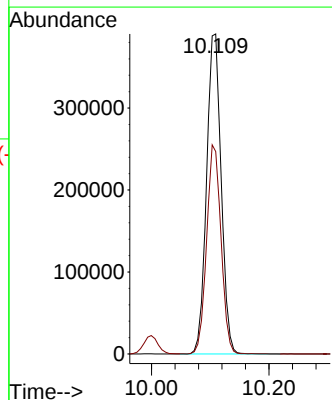
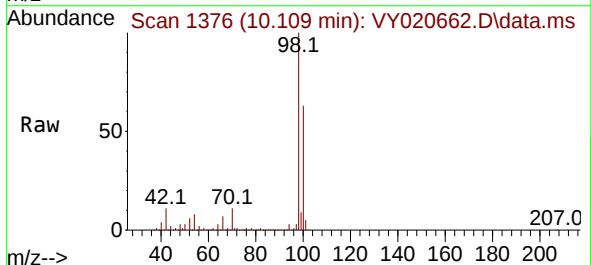
Acq: 19 Dec 2024 17:56

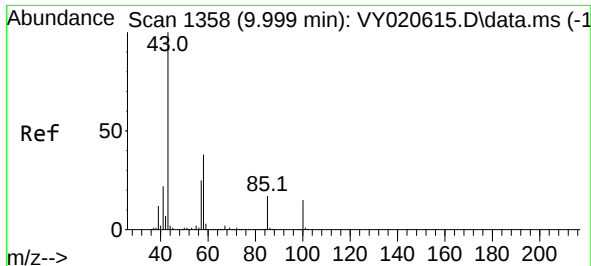
Tgt Ion: 98 Resp: 674087

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

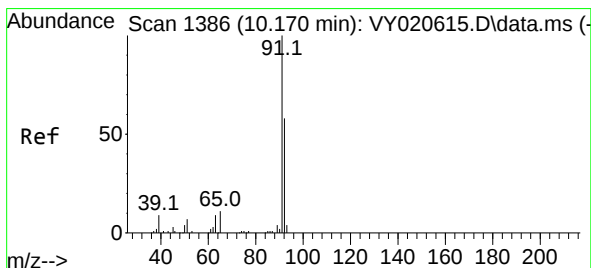
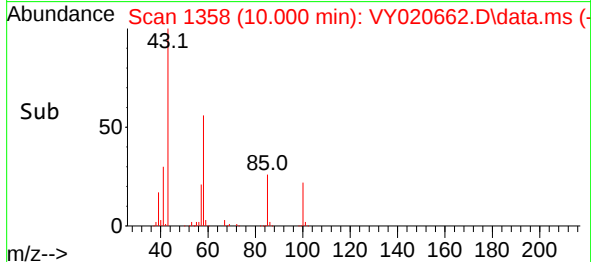
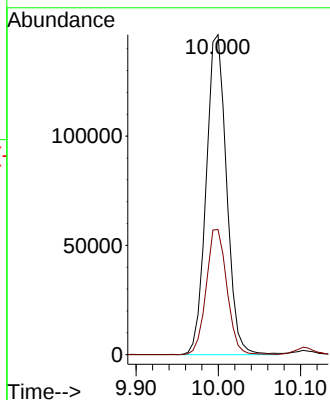
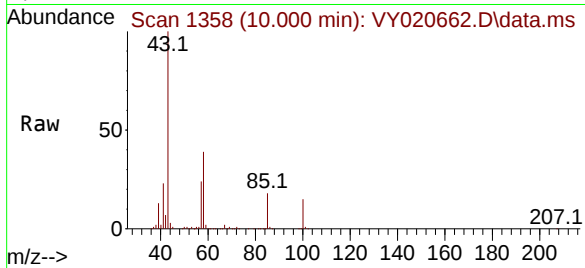




#51
4-Methyl-2-Pentanone
Concen: 79.170 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

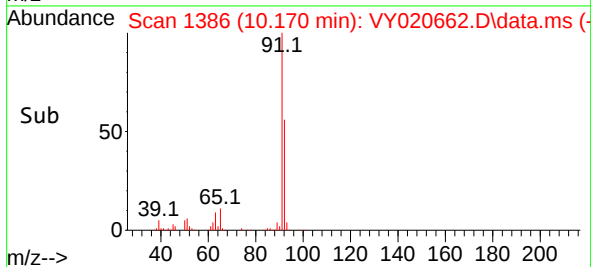
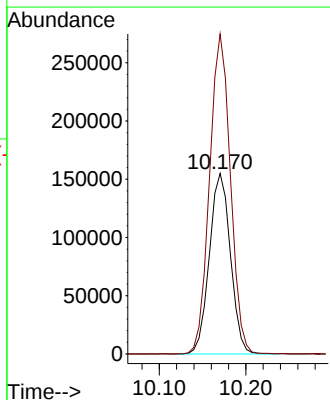
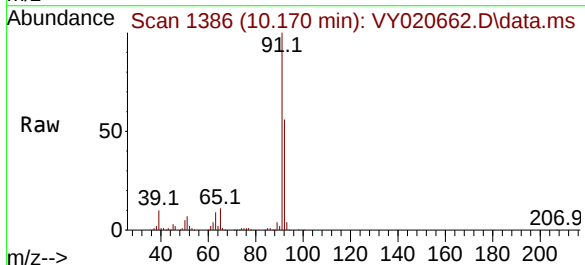
Instrument :
MSVOA_Y
ClientSampleId :

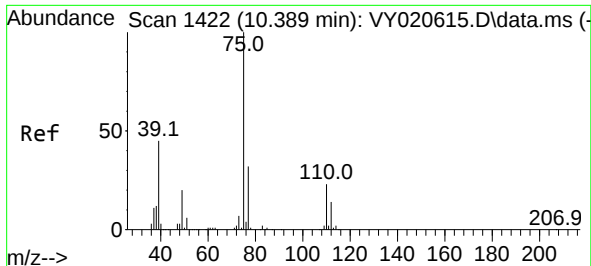
Tgt Ion: 43 Resp: 252688
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.2



#52
Toluene
Concen: 21.138 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 92 Resp: 261457
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0

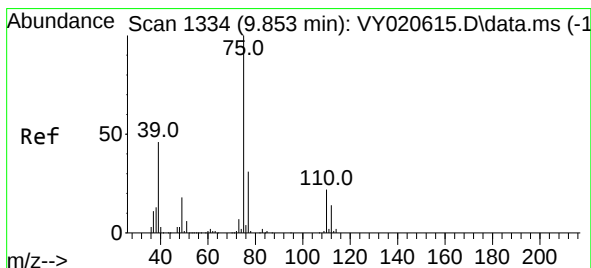
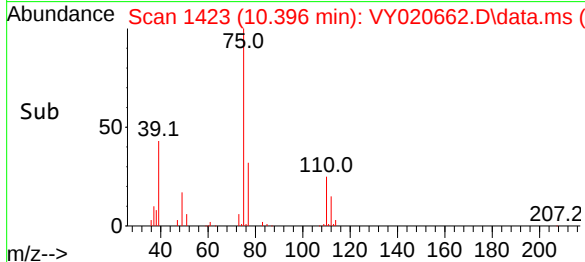
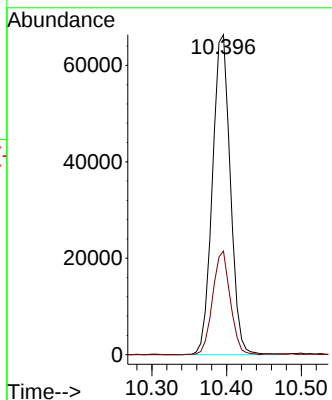
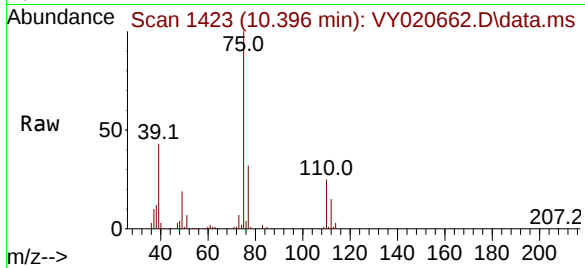




#53
 t-1,3-Dichloropropene
 Concen: 17.875 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

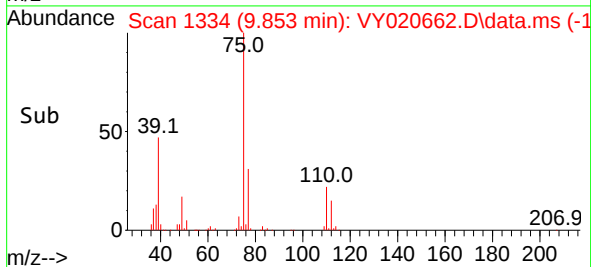
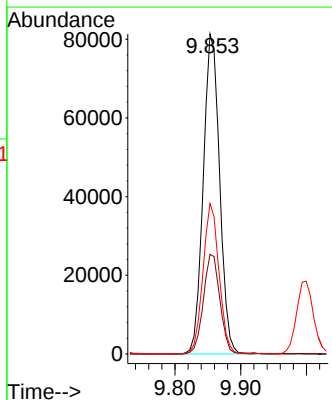
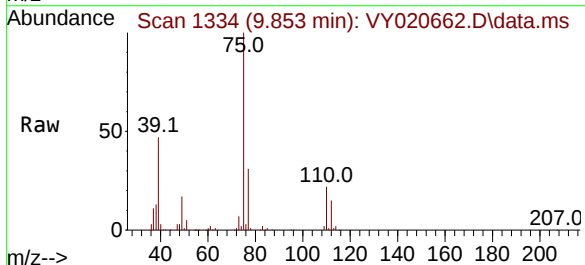
Instrument :
 MSVOA_Y
 ClientSampleId :

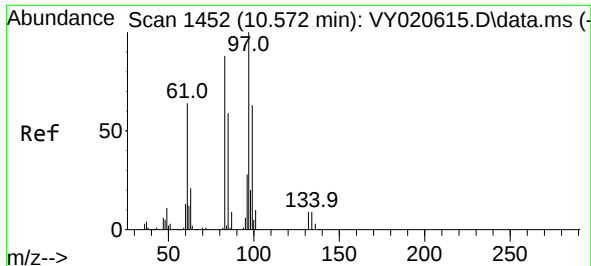
Tgt Ion: 75 Resp: 110607
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.252 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

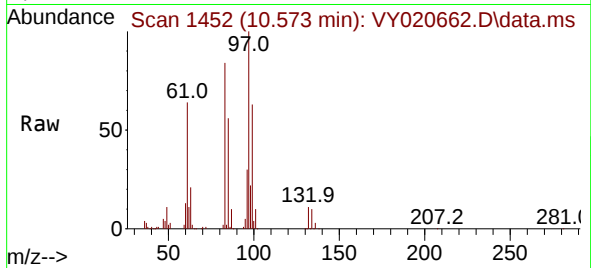
Tgt Ion: 75 Resp: 141161
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 47.0 36.4 54.6





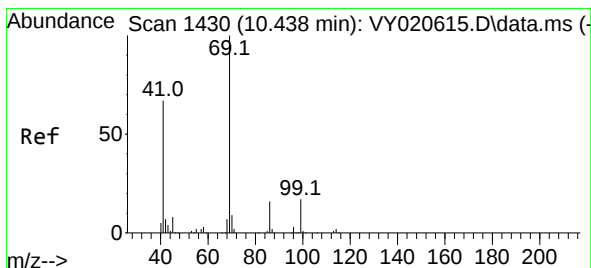
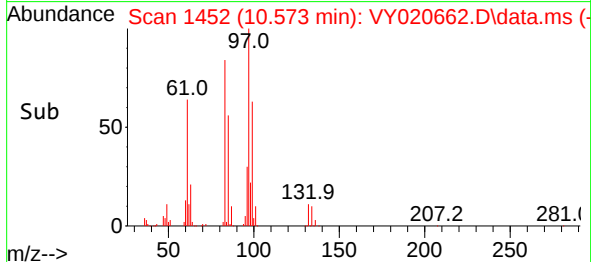
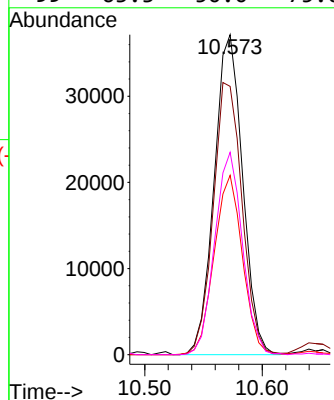
#55
1,1,2-Trichloroethane
Concen: 19.236 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 62521

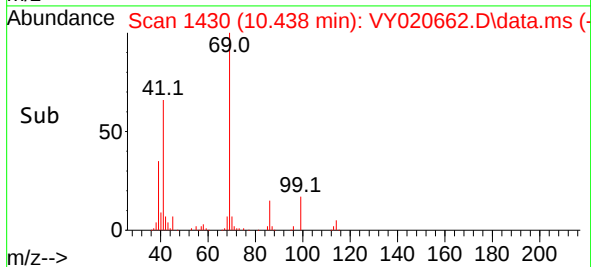
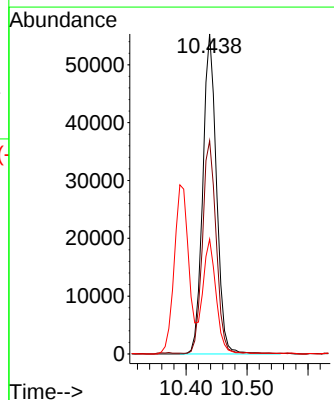
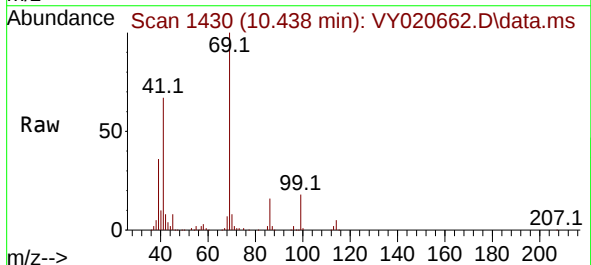
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.4	105.6
85	55.9	47.2	70.8
99	63.3	50.0	75.0

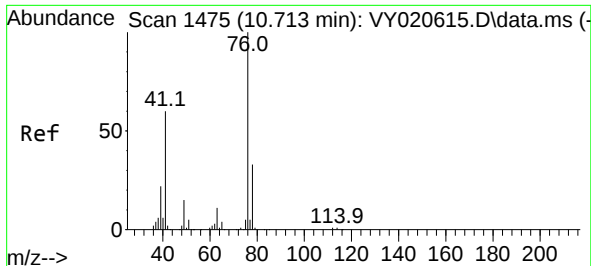


#56
Ethyl methacrylate
Concen: 18.335 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 69 Resp: 86453

Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.0	81.0
39	35.0	27.9	41.9





#57

1,3-Dichloropropane

Concen: 19.428 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

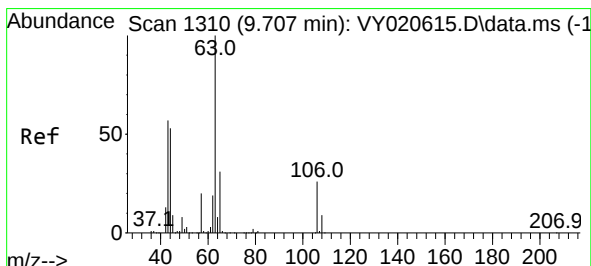
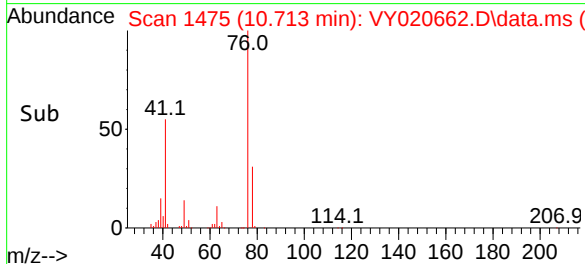
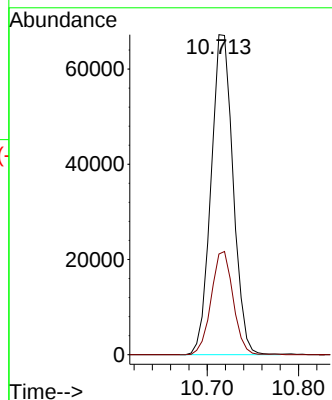
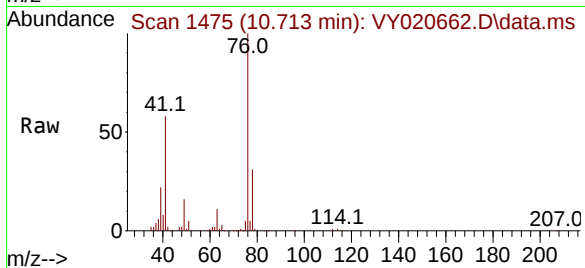
ClientSampleId :

Tgt Ion: 76 Resp: 112565

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.648 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020662.D

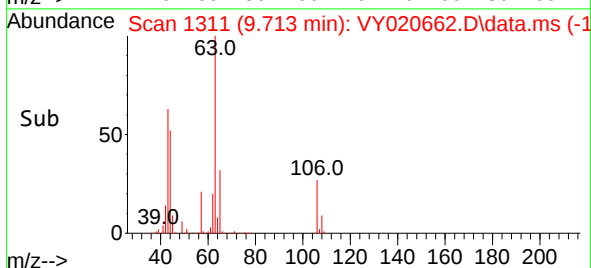
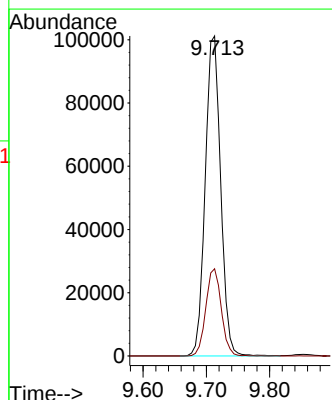
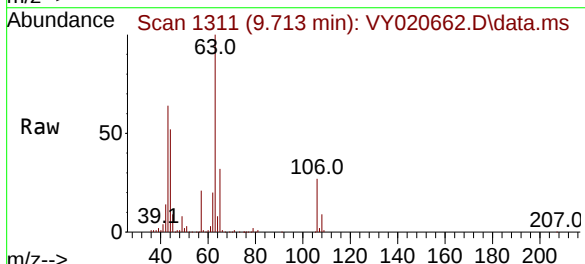
Acq: 19 Dec 2024 17:56

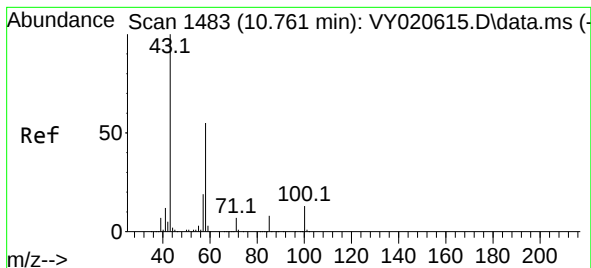
Tgt Ion: 63 Resp: 171913

Ion Ratio Lower Upper

63 100

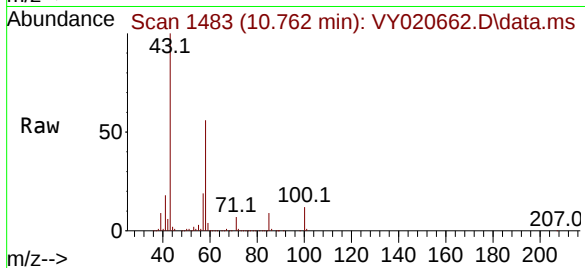
106 27.3 21.5 32.3



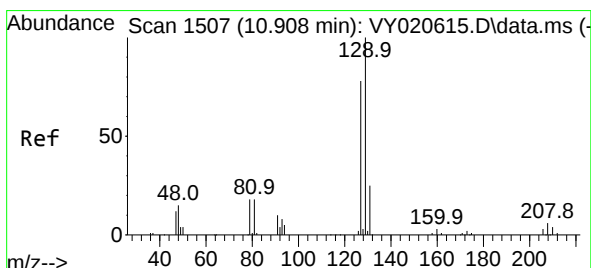
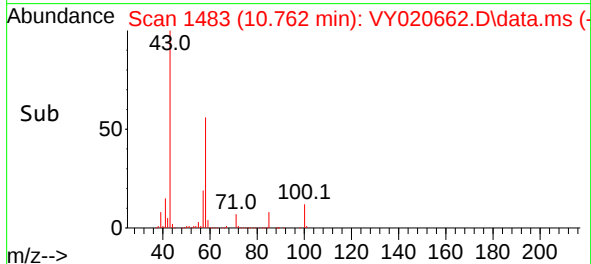
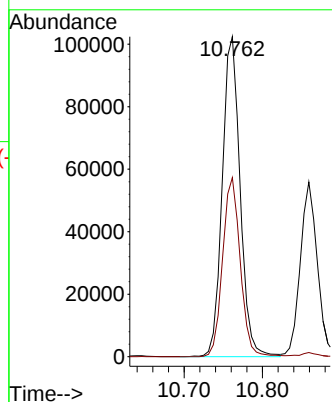


#59
2-Hexanone
Concen: 79.270 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Instrument :
MSVOA_Y
ClientSampleId :

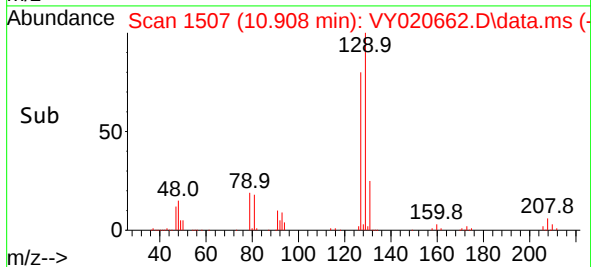
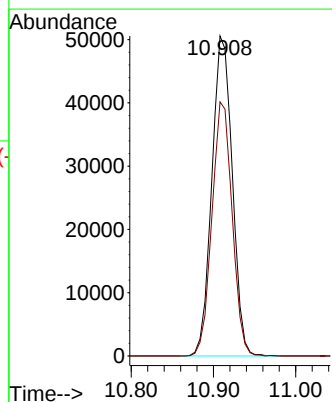
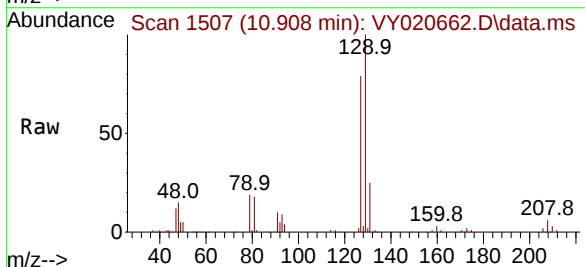


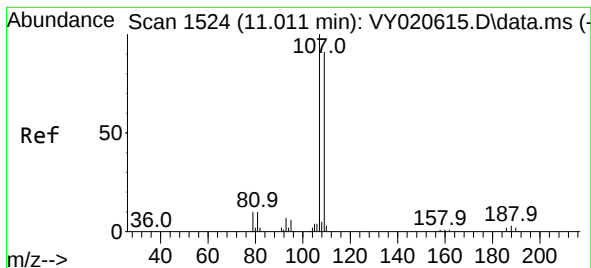
Tgt Ion: 43 Resp: 162442
Ion Ratio Lower Upper
43 100
58 55.3 27.2 81.6



#60
Dibromochloromethane
Concen: 20.097 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:129 Resp: 87357
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.3

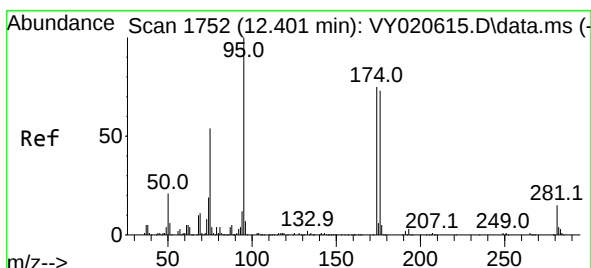
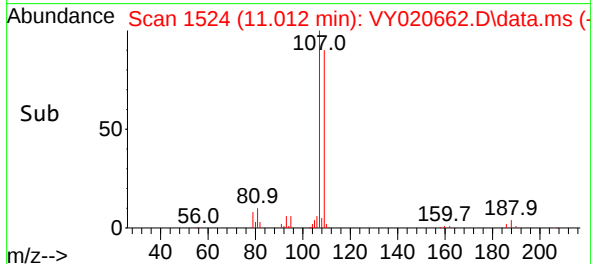
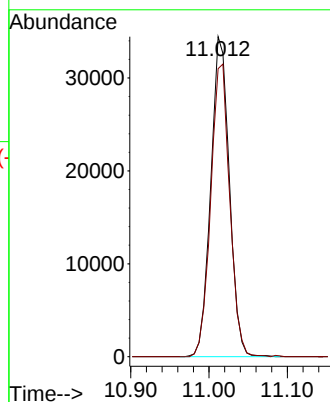
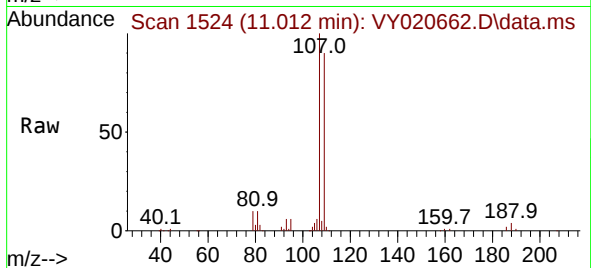




#61
1,2-Dibromoethane
Concen: 18.780 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

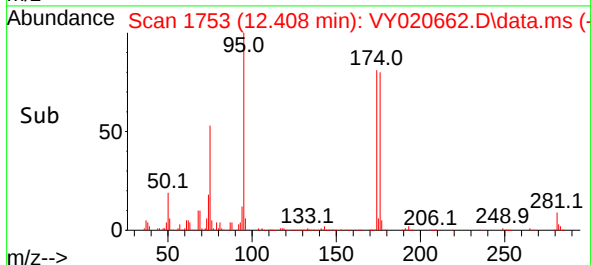
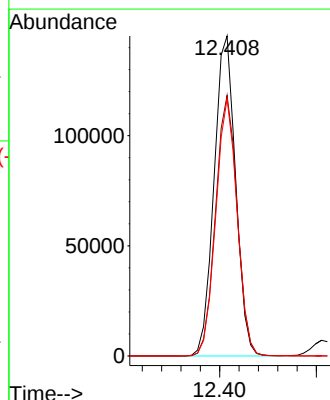
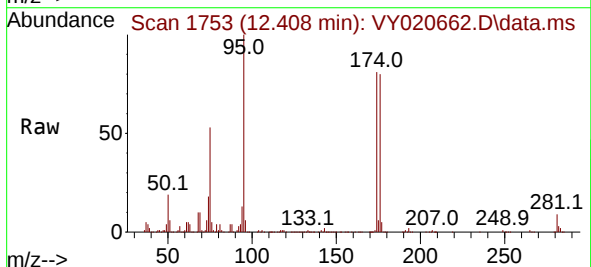
Instrument :
MSVOA_Y
ClientSampleId :

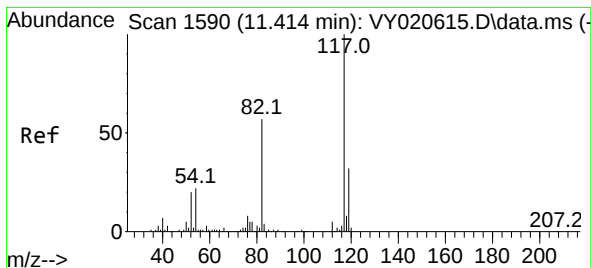
Tgt Ion:107 Resp: 56777
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.986 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 95 Resp: 224262
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 79.4 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

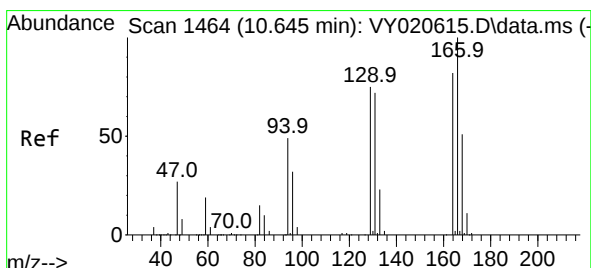
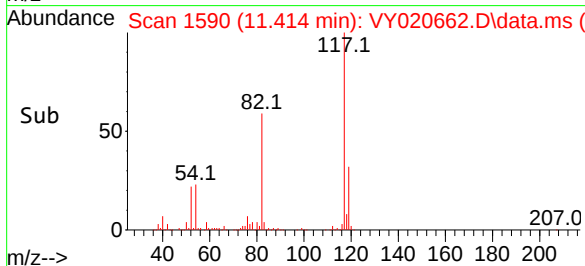
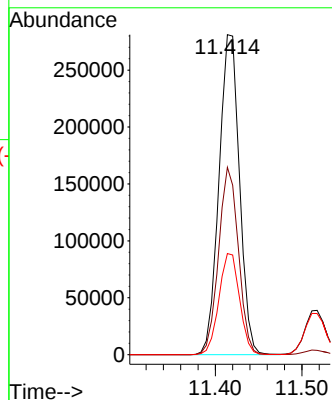
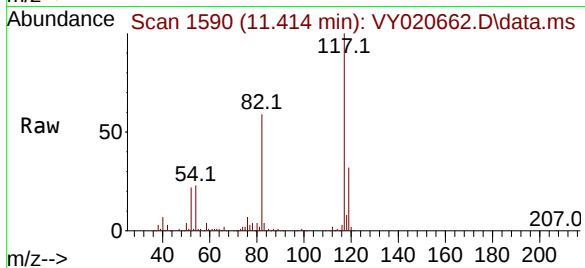
Tgt Ion:117 Resp: 462730

Ion Ratio Lower Upper

117 100

82 58.6 45.8 68.6

119 31.6 25.3 37.9



#64

Tetrachloroethene

Concen: 19.519 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Tgt Ion:164 Resp: 84956

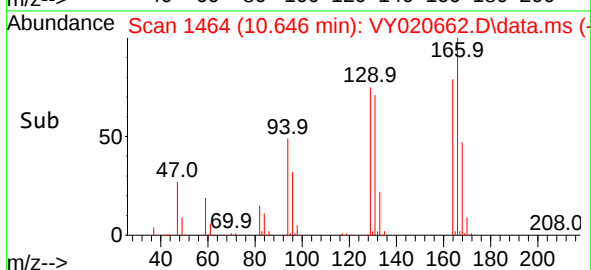
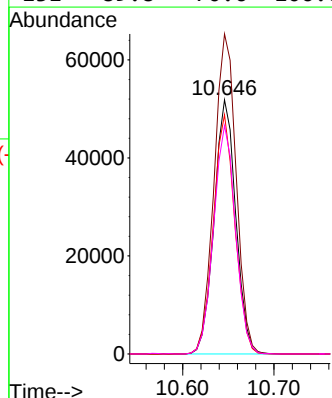
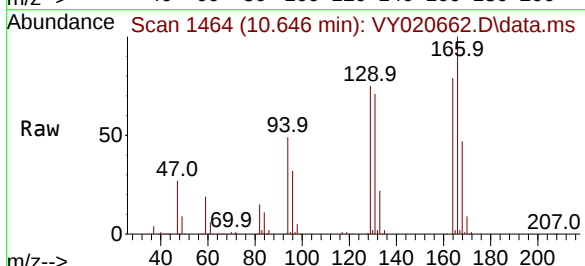
Ion Ratio Lower Upper

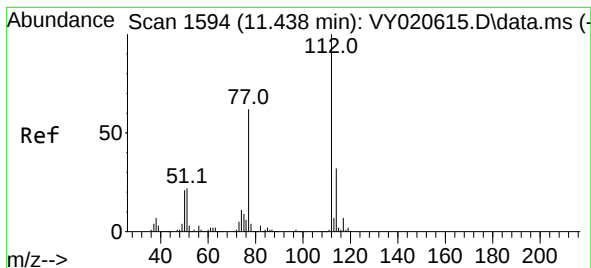
164 100

166 126.0 97.9 146.9

129 94.1 73.4 110.0

131 89.8 70.6 106.0





#65

Chlorobenzene

Concen: 21.570 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

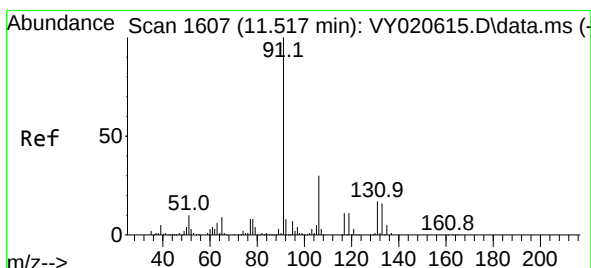
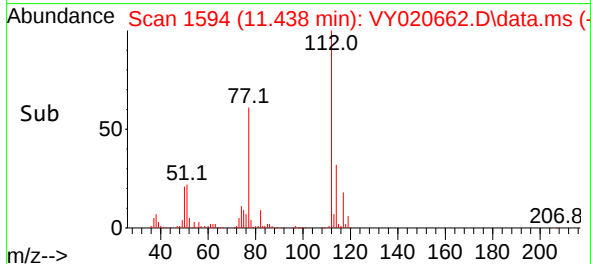
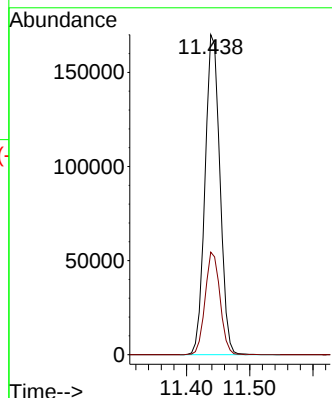
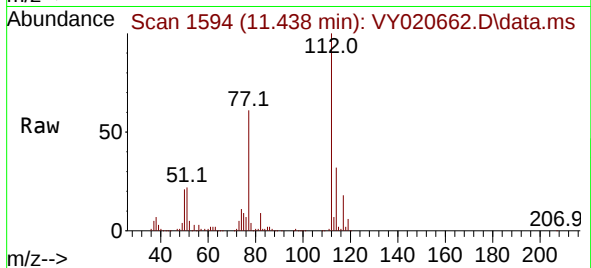
ClientSampleId :

Tgt Ion:112 Resp: 279078

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.236 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

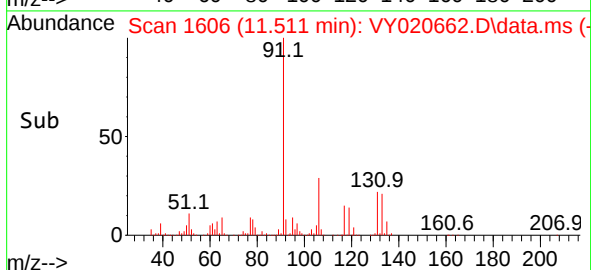
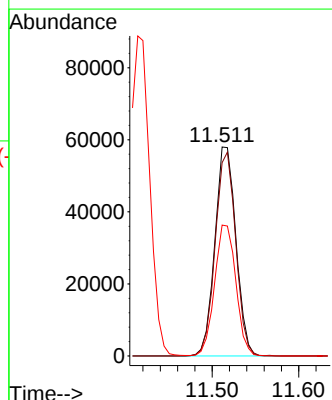
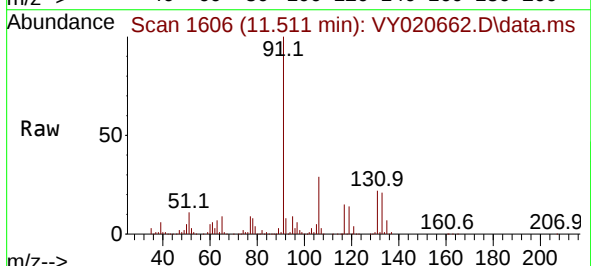
Tgt Ion:131 Resp: 98377

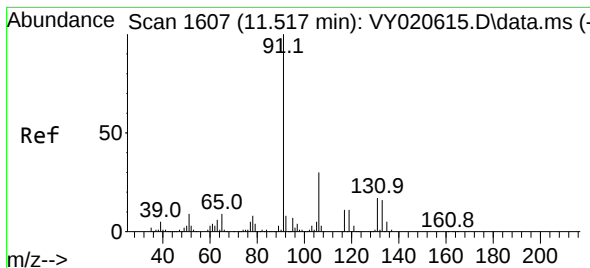
Ion Ratio Lower Upper

131 100

133 94.7 46.8 140.3

119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 21.171 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

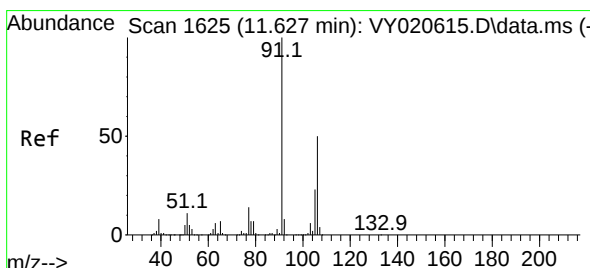
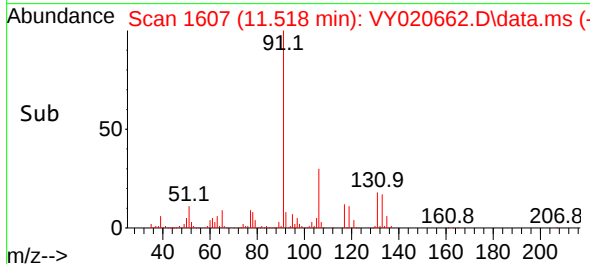
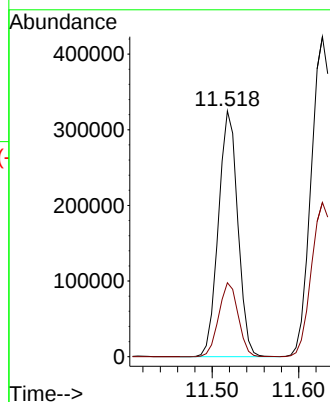
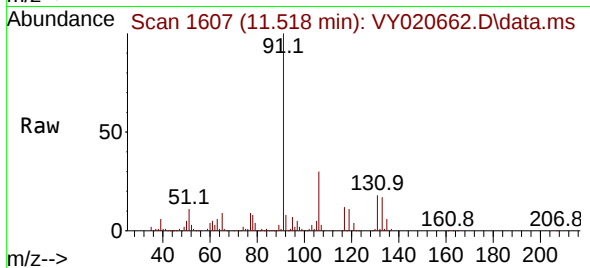
ClientSampleId :

Tgt Ion: 91 Resp: 505339

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 41.993 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020662.D

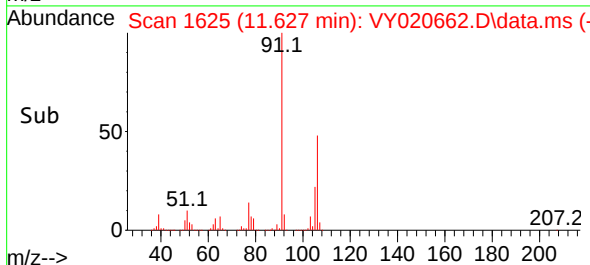
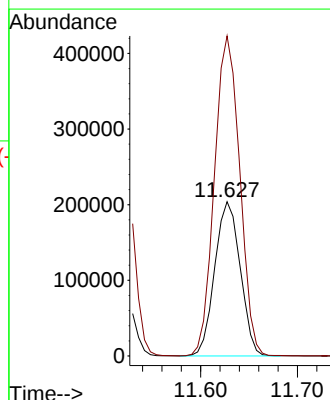
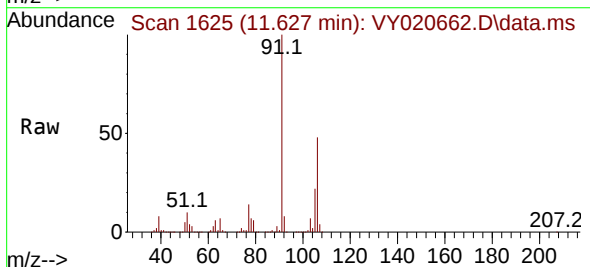
Acq: 19 Dec 2024 17:56

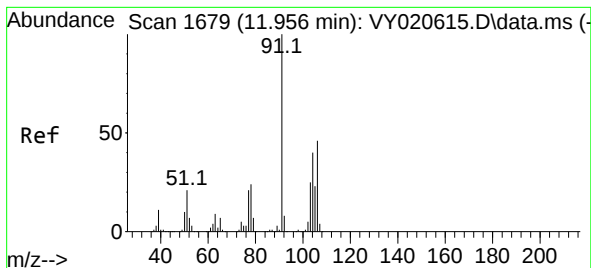
Tgt Ion:106 Resp: 372689

Ion Ratio Lower Upper

106 100

91 206.6 165.0 247.4





#69

o-Xylene

Concen: 21.597 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

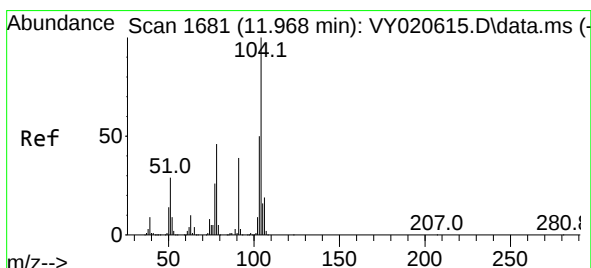
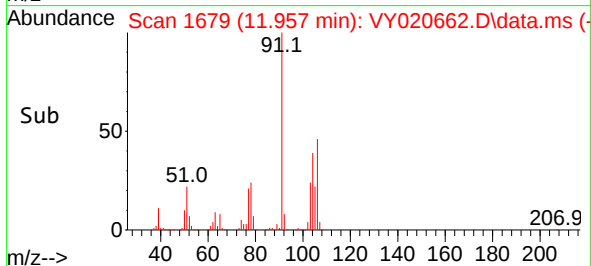
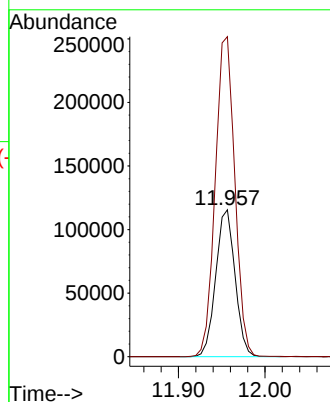
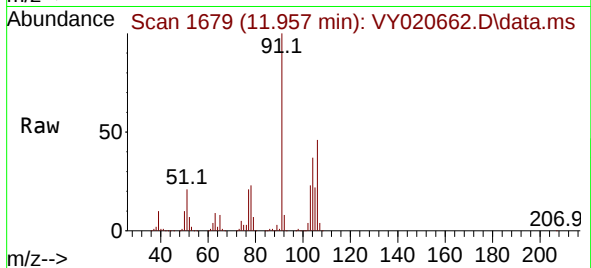
ClientSampleId :

Tgt Ion:106 Resp: 178843

Ion Ratio Lower Upper

106 100

91 220.8 108.4 325.2



#70

Styrene

Concen: 22.040 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

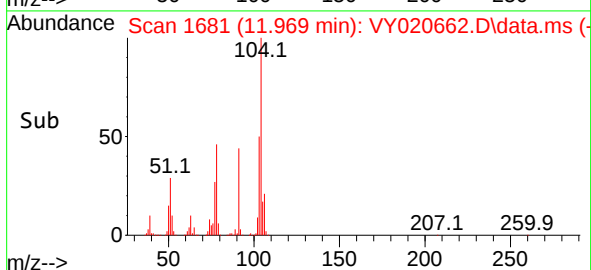
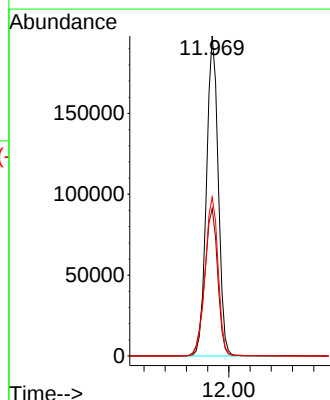
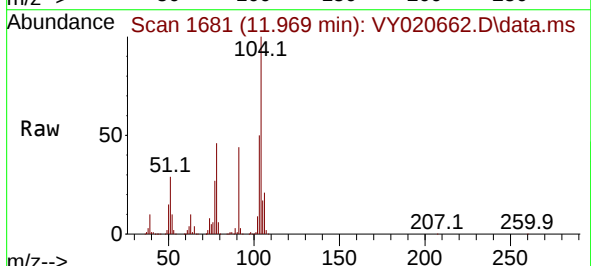
Tgt Ion:104 Resp: 304930

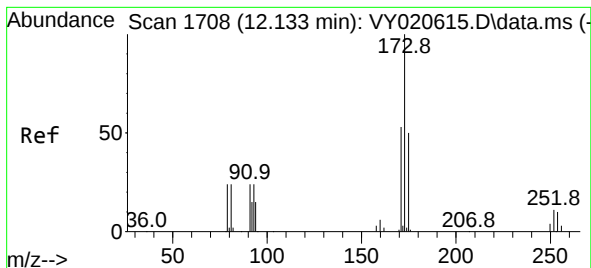
Ion Ratio Lower Upper

104 100

78 50.8 41.6 62.4

103 54.7 43.7 65.5





#71

Bromoform

Concen: 18.655 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

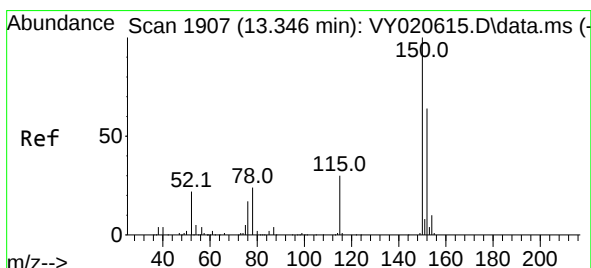
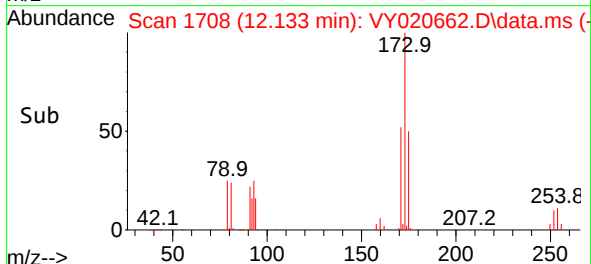
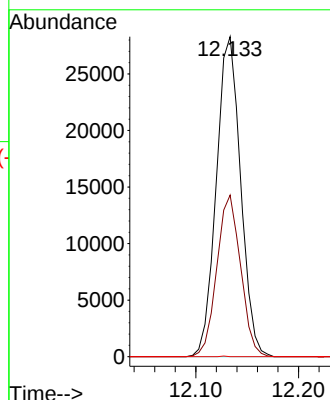
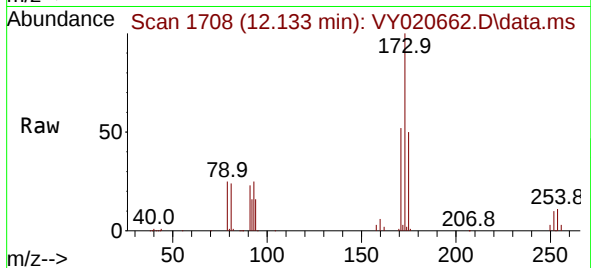
Tgt Ion:173 Resp: 46403

Ion Ratio Lower Upper

173 100

175 49.4 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

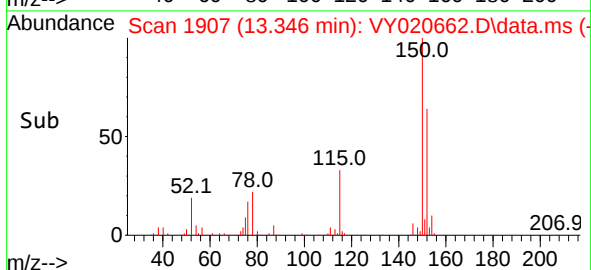
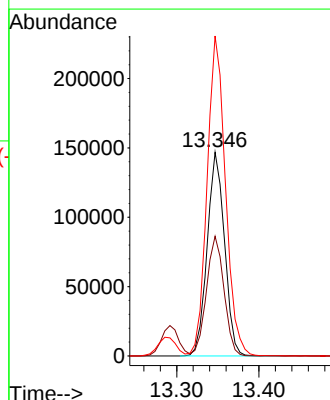
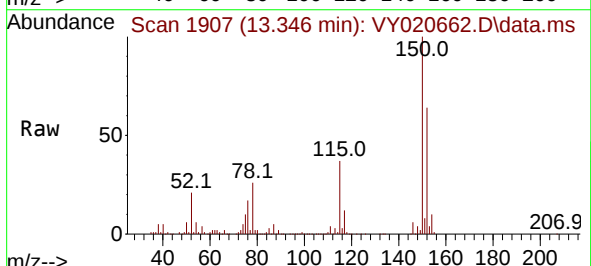
Tgt Ion:152 Resp: 215024

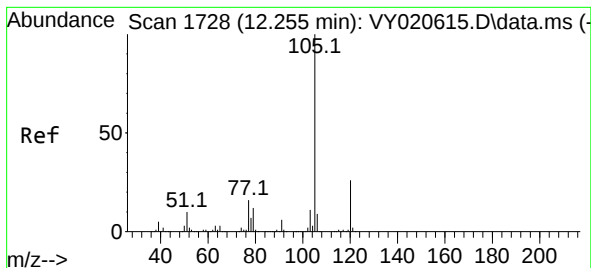
Ion Ratio Lower Upper

152 100

115 59.4 30.2 90.6

150 166.8 0.0 355.4





#73

Isopropylbenzene

Concen: 24.793 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

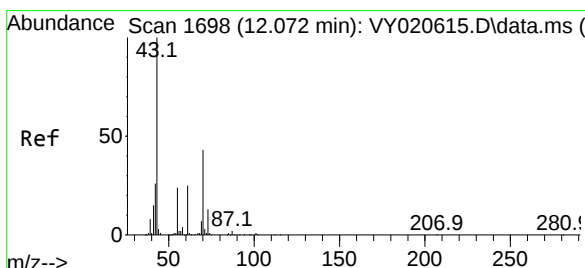
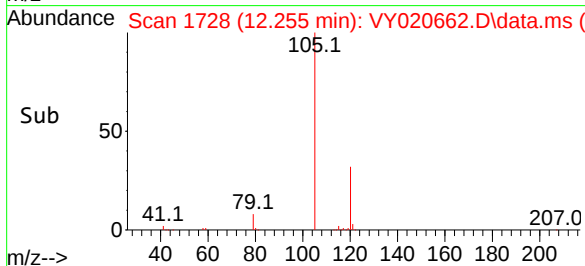
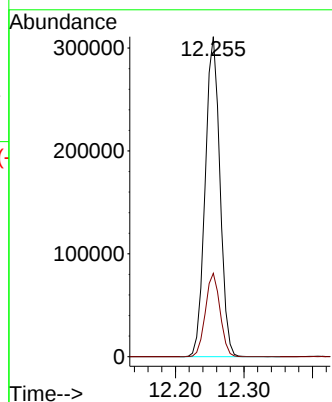
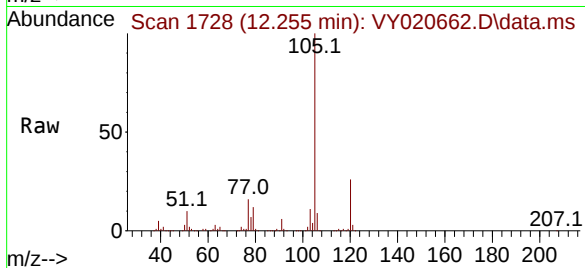
ClientSampleId :

Tgt Ion:105 Resp: 465228

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 20.789 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Tgt Ion: 43 Resp: 91294

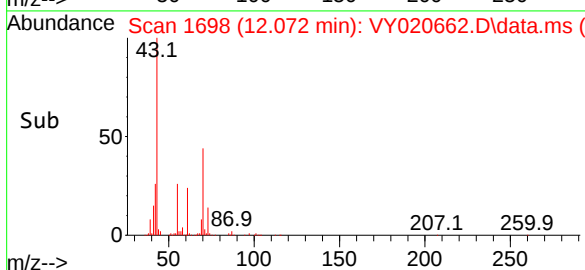
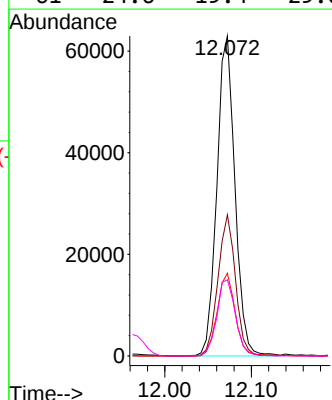
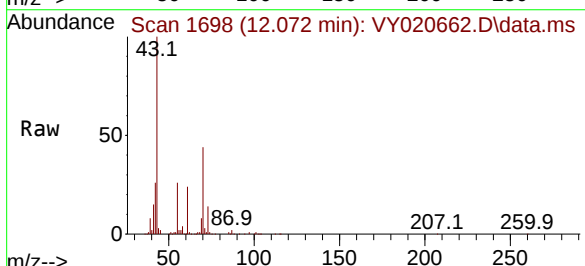
Ion Ratio Lower Upper

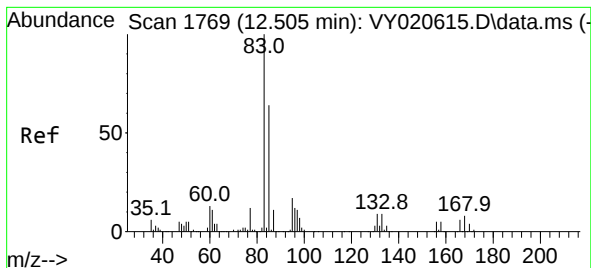
43 100

70 43.1 34.2 51.2

55 25.7 19.6 29.4

61 24.6 19.4 29.0

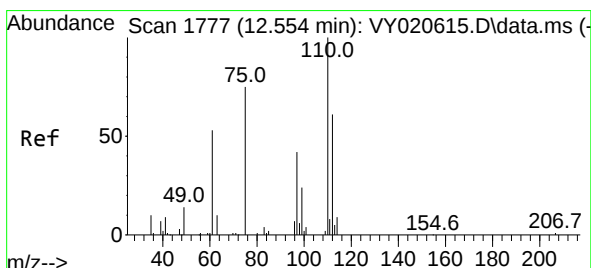
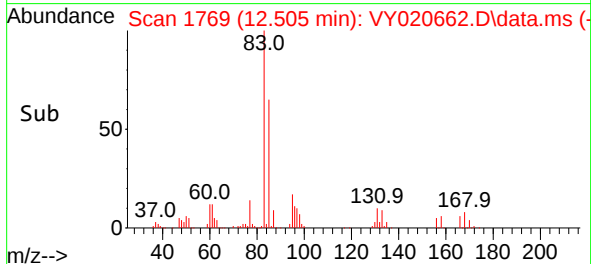
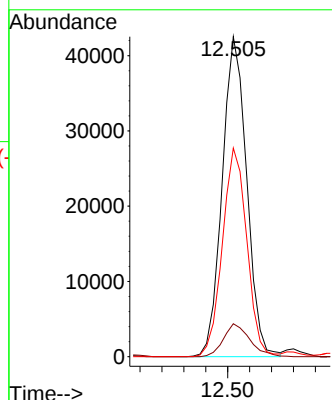
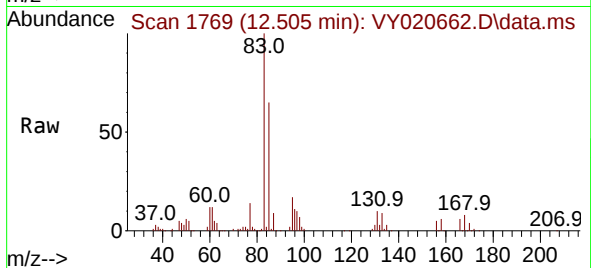




#75
1,1,2,2-Tetrachloroethane
Concen: 21.676 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

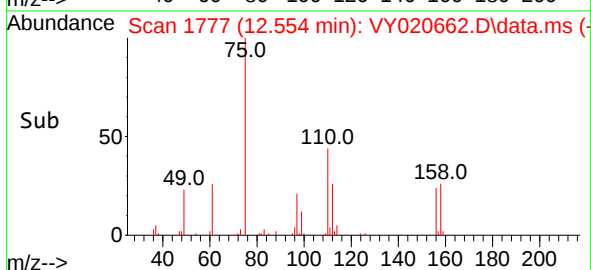
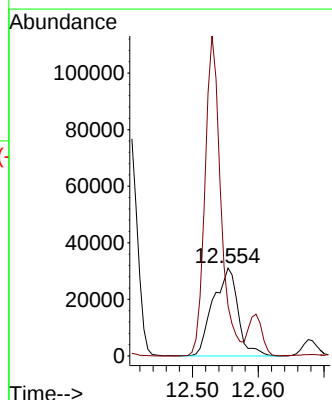
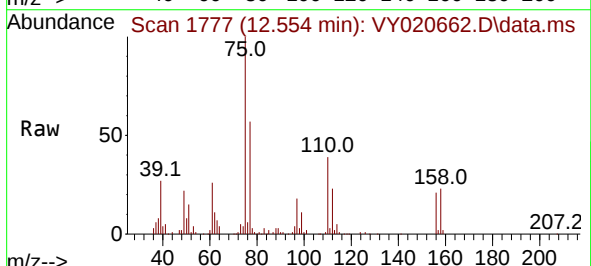
Instrument :
MSVOA_Y
ClientSampleId :

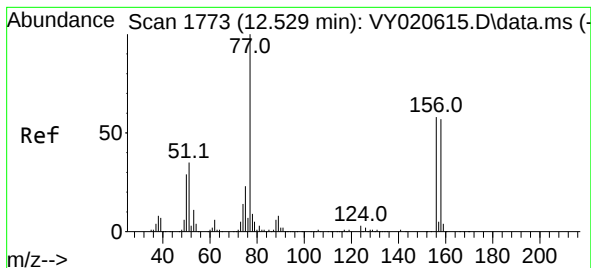
Tgt Ion: 83 Resp: 66021
Ion Ratio Lower Upper
83 100
131 11.1 5.2 15.6
85 64.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 36.712 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion: 75 Resp: 82002
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 25.517 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

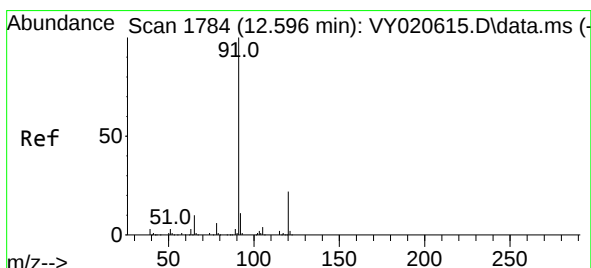
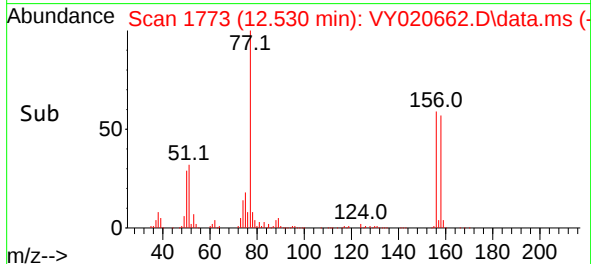
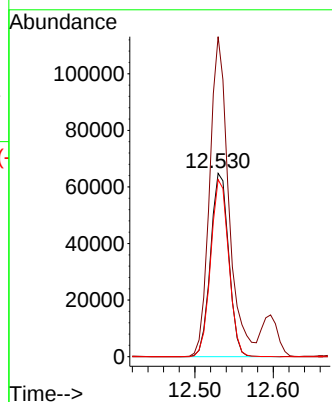
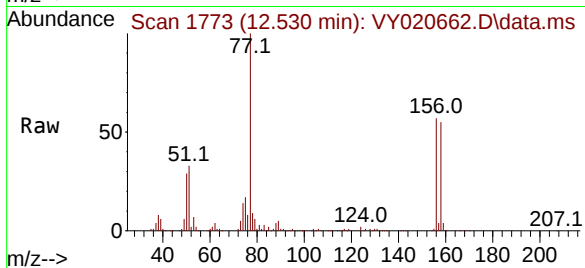
Tgt Ion:156 Resp: 104296

Ion Ratio Lower Upper

156 100

77 183.5 94.2 282.4

158 96.0 48.9 146.6



#78

n-propylbenzene

Concen: 24.484 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020662.D

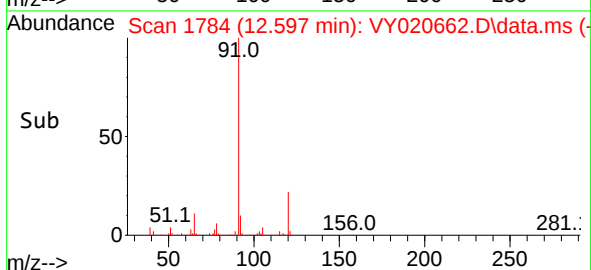
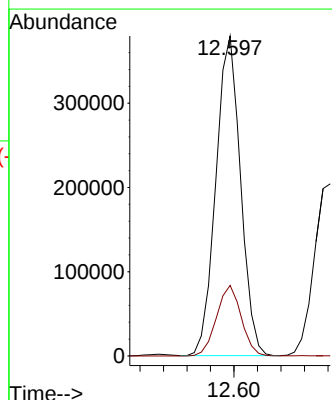
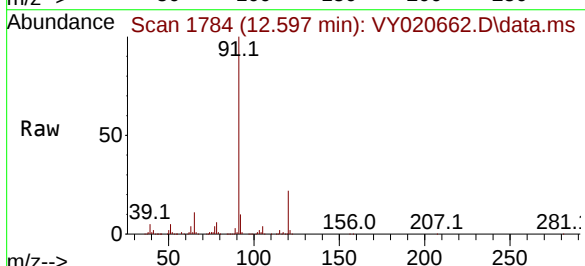
Acq: 19 Dec 2024 17:56

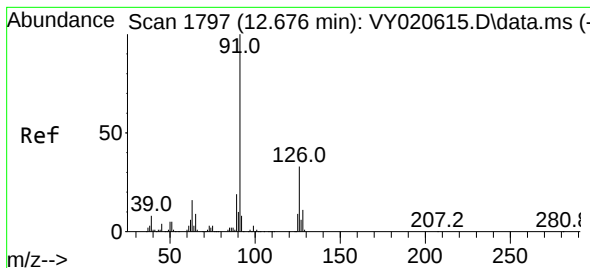
Tgt Ion: 91 Resp: 553504

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.1

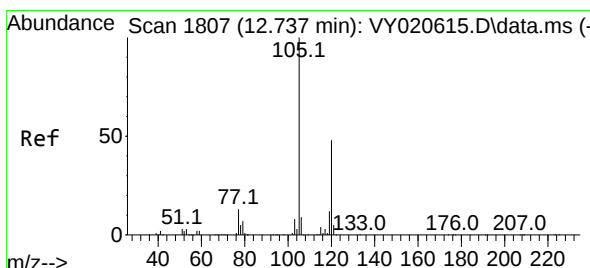
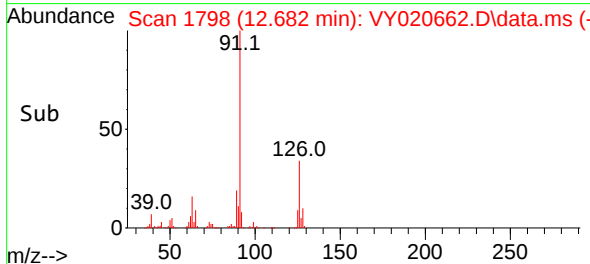
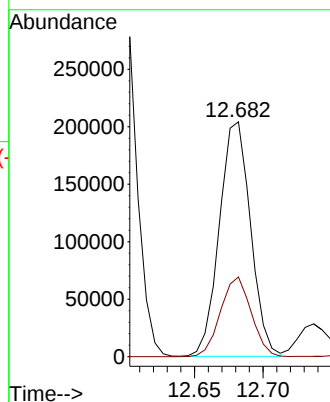
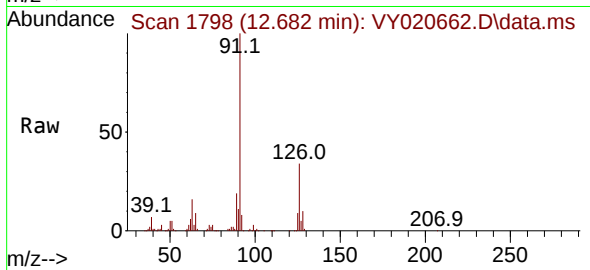




#79
2-Chlorotoluene
Concen: 25.431 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

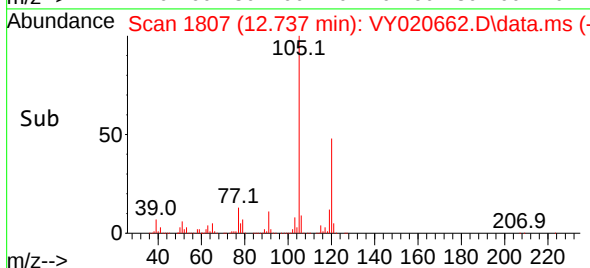
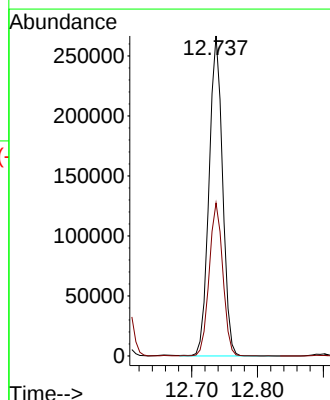
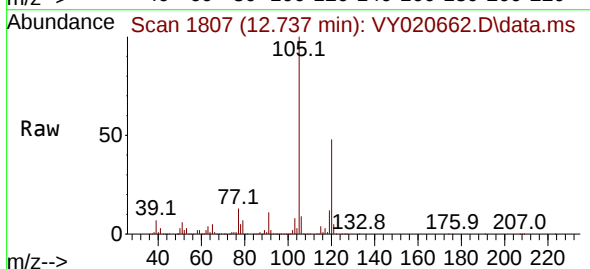
Instrument :
MSVOA_Y
ClientSampleId :

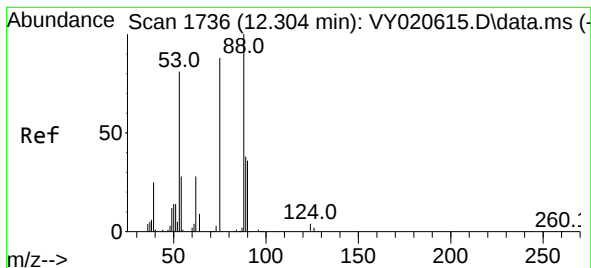
Tgt Ion: 91 Resp: 323466
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 25.099 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:105 Resp: 382148
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

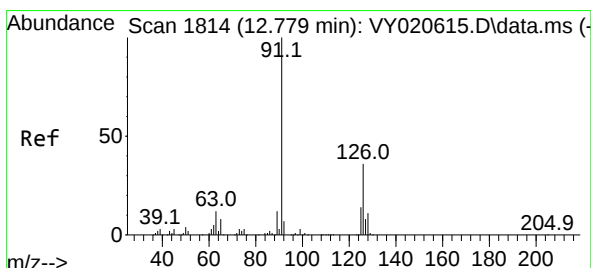
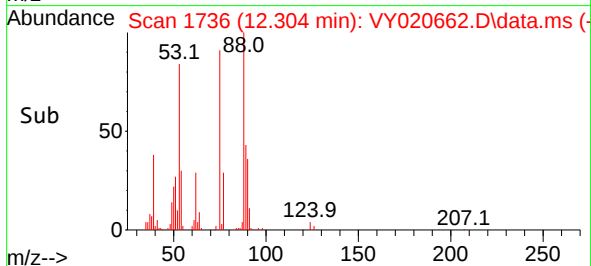
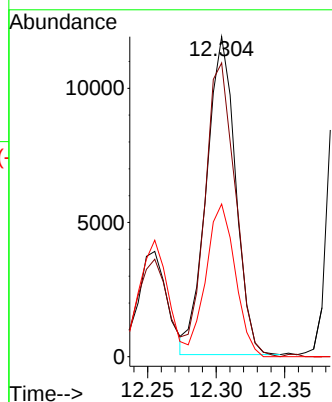
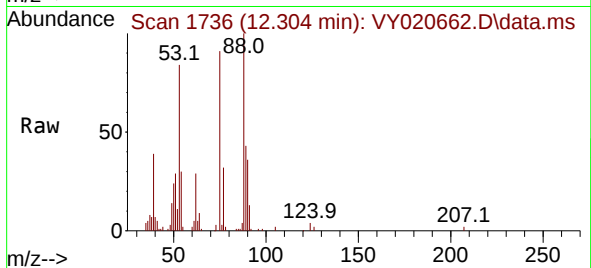




#81
trans-1,4-Dichloro-2-butene
Concen: 16.420 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

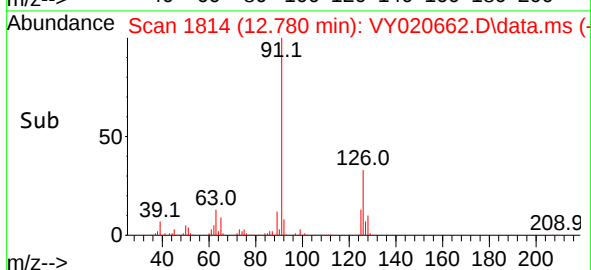
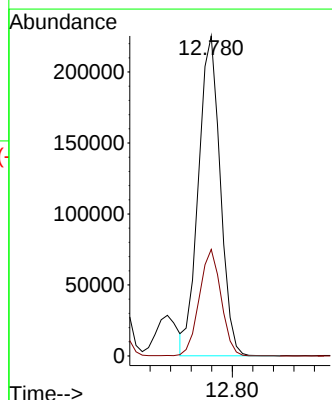
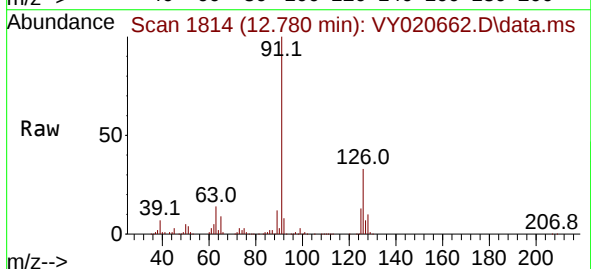
Instrument :
MSVOA_Y
ClientSampleId :

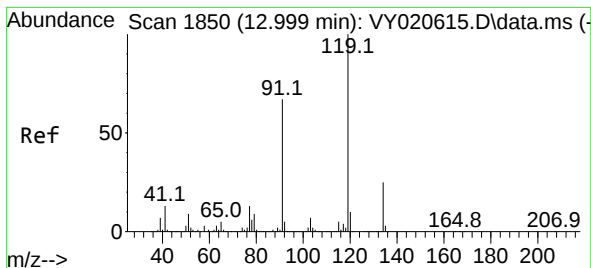
Tgt Ion:	75	Resp:	17473
Ion	Ratio	Lower	Upper
75	100		
53	96.5	75.4	113.2
89	47.7	37.0	55.4



#82
4-Chlorotoluene
Concen: 25.151 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020662.D
Acq: 19 Dec 2024 17:56

Tgt Ion:	91	Resp:	331880
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.7





#83

tert-Butylbenzene

Concen: 24.673 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

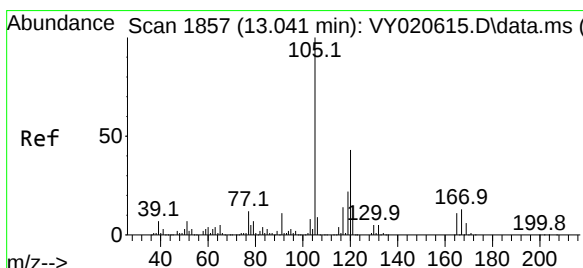
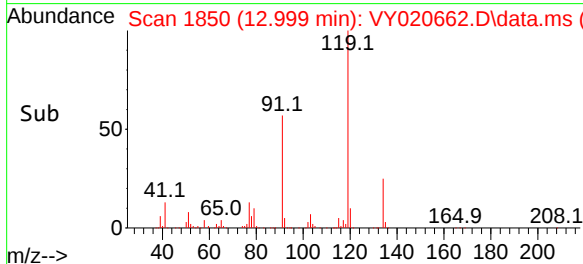
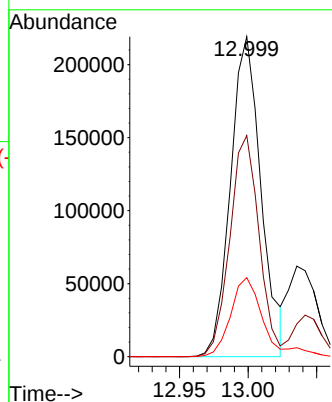
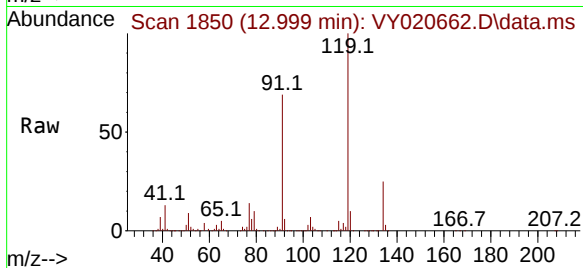
Tgt Ion:119 Resp: 340217

Ion Ratio Lower Upper

119 100

91 66.1 32.9 98.6

134 26.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 25.518 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020662.D

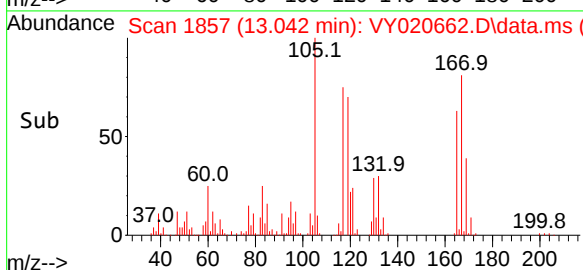
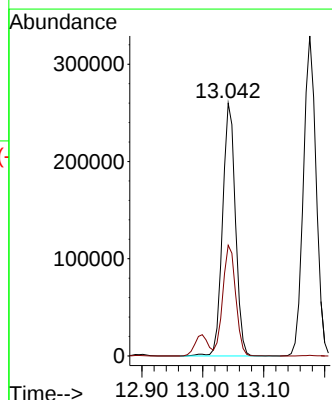
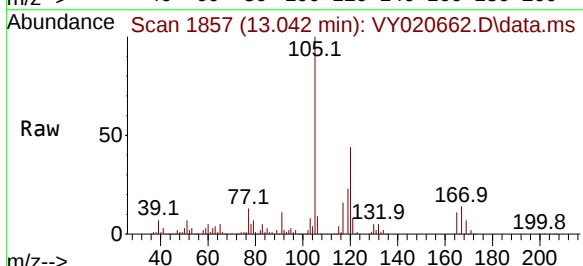
Acq: 19 Dec 2024 17:56

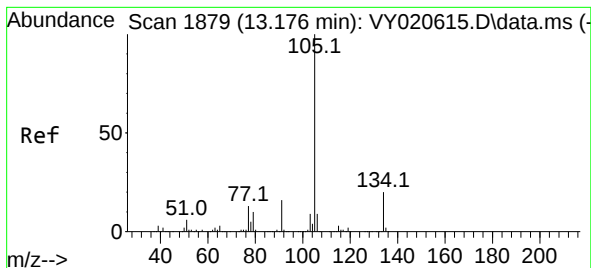
Tgt Ion:105 Resp: 381099

Ion Ratio Lower Upper

105 100

120 43.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 23.788 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

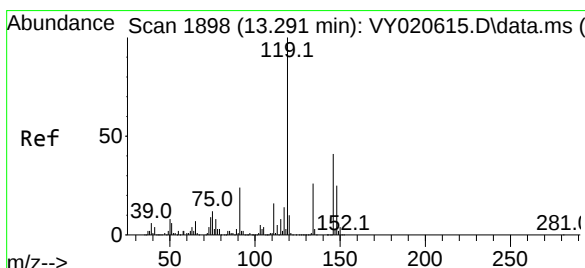
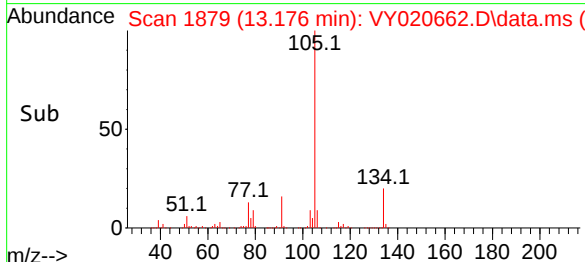
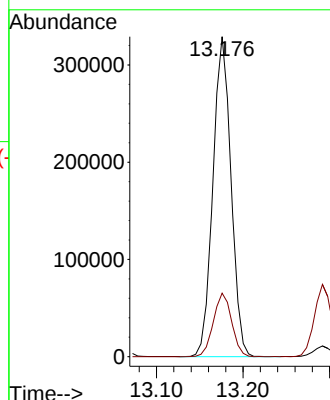
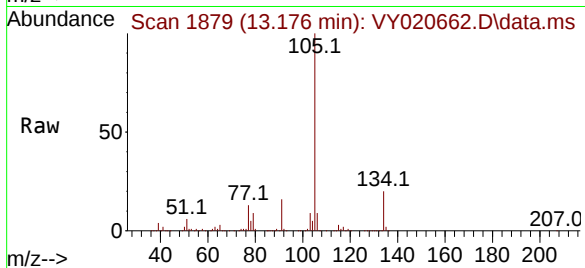
ClientSampleId :

Tgt Ion:105 Resp: 476911

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 24.313 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

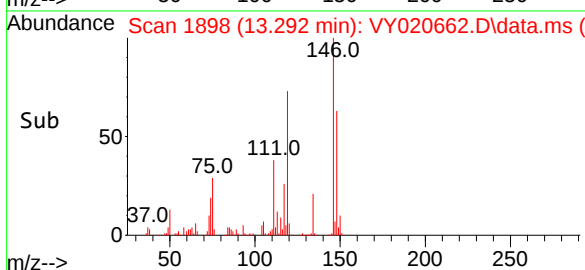
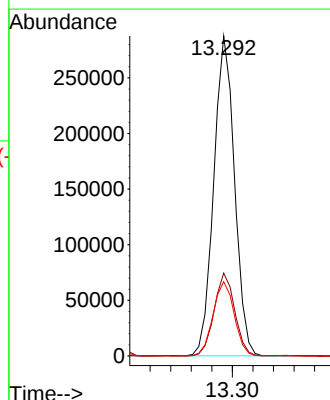
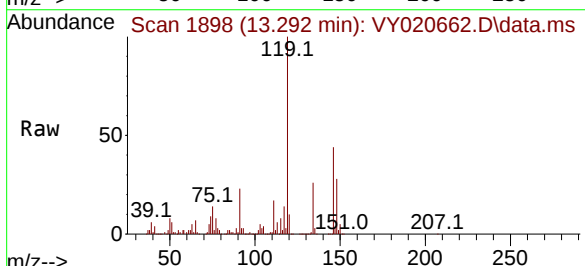
Tgt Ion:119 Resp: 401897

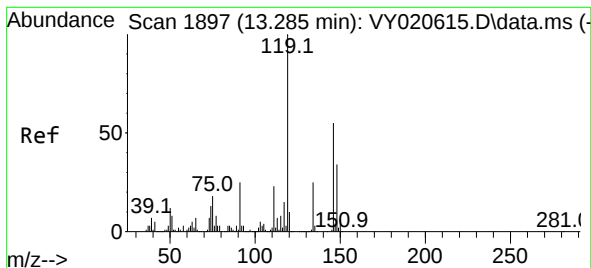
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 25.211 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

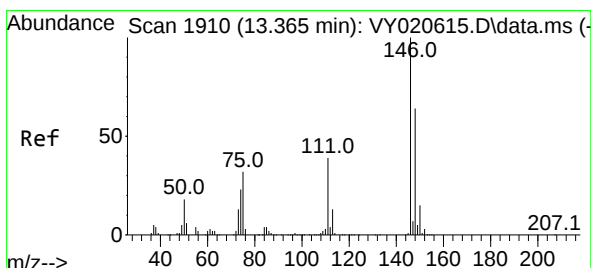
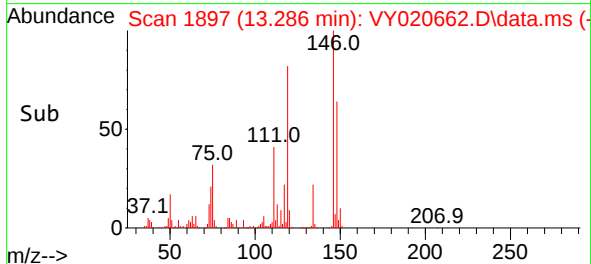
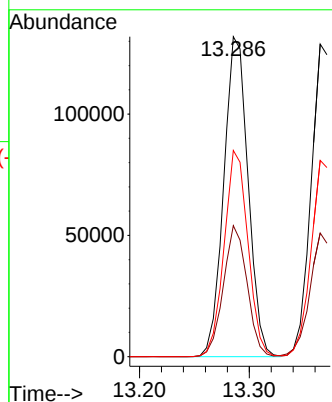
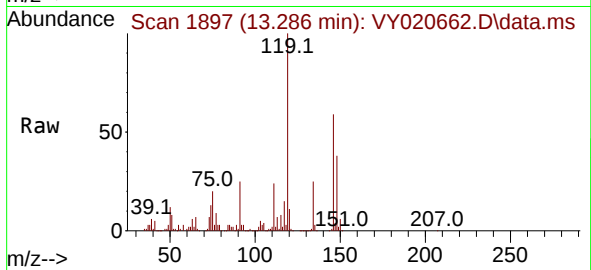
Tgt Ion:146 Resp: 203420

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.8

148 63.1 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 24.659 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

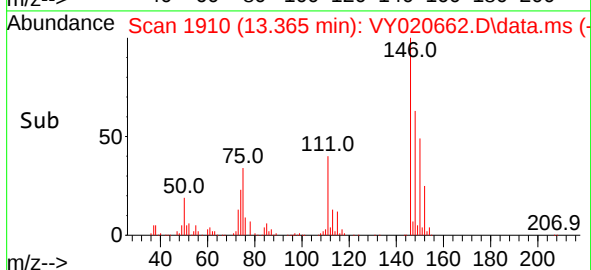
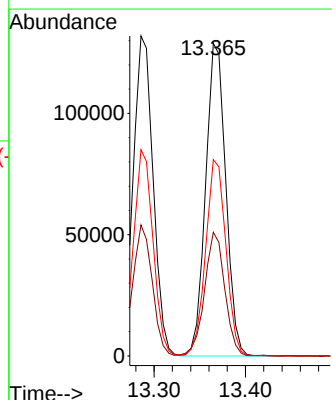
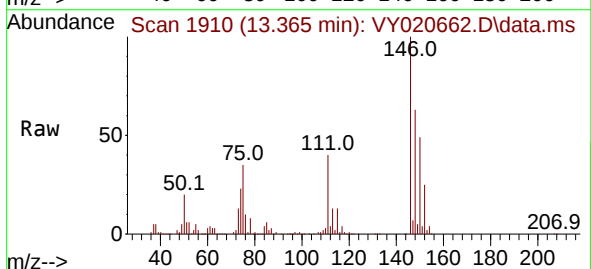
Tgt Ion:146 Resp: 197059

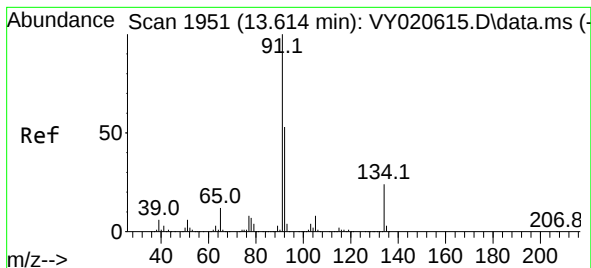
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 23.273 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

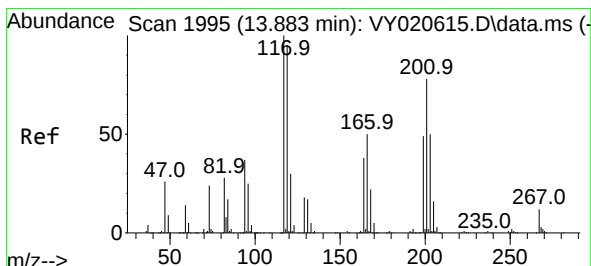
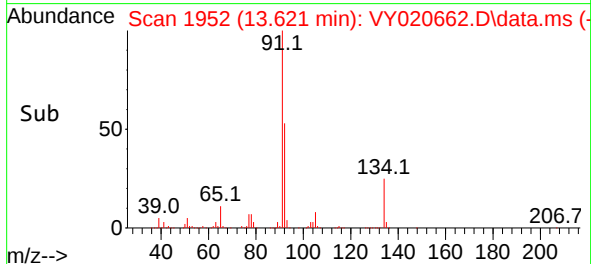
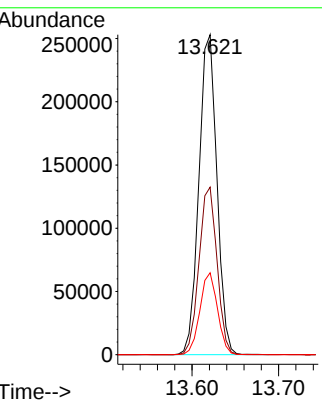
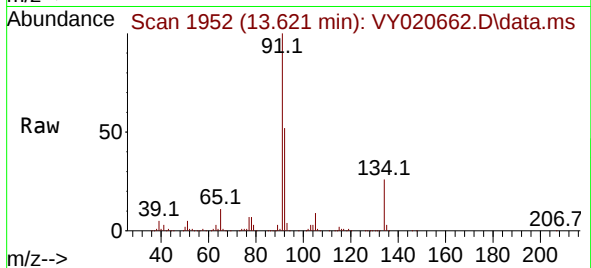
Tgt Ion: 91 Resp: 364597

Ion Ratio Lower Upper

91 100

92 52.6 26.8 80.4

134 25.1 12.5 37.5



#90

Hexachloroethane

Concen: 25.445 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020662.D

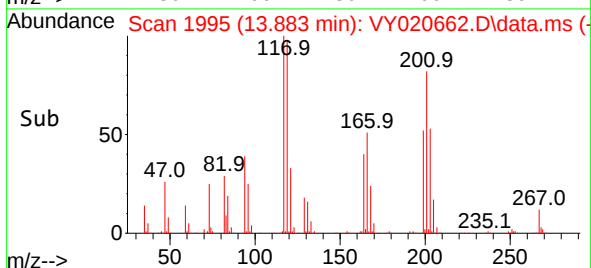
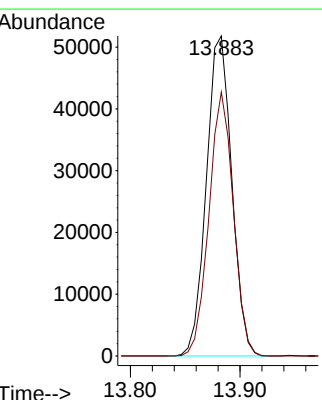
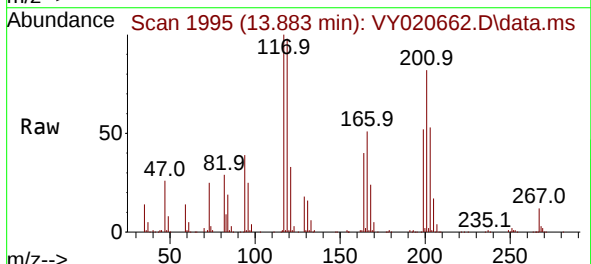
Acq: 19 Dec 2024 17:56

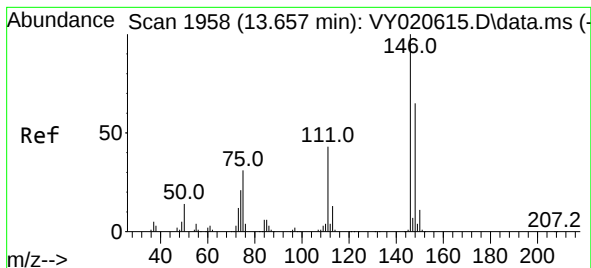
Tgt Ion: 117 Resp: 83352

Ion Ratio Lower Upper

117 100

201 79.2 39.1 117.3

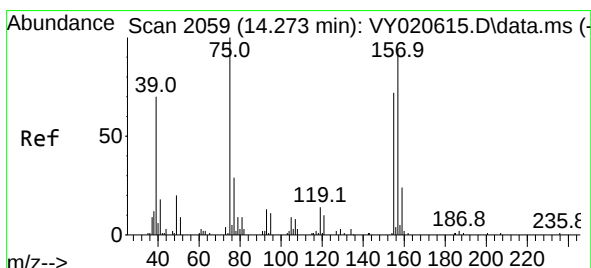
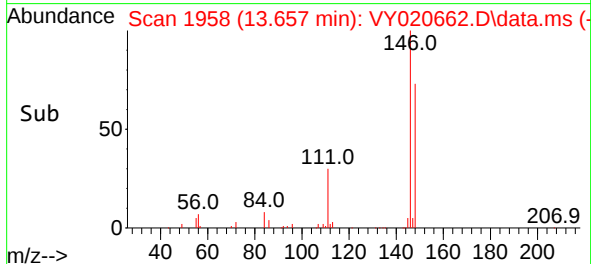
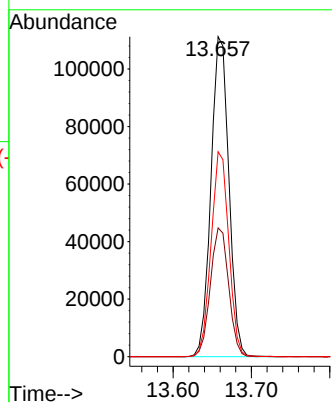
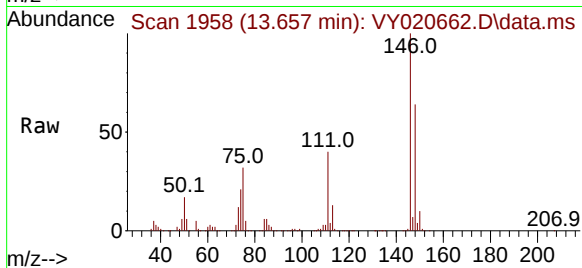




#91
 1,2-Dichlorobenzene
 Concen: 25.231 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

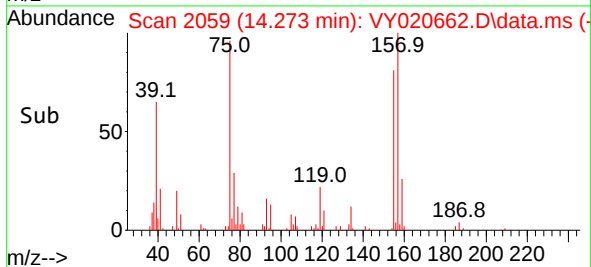
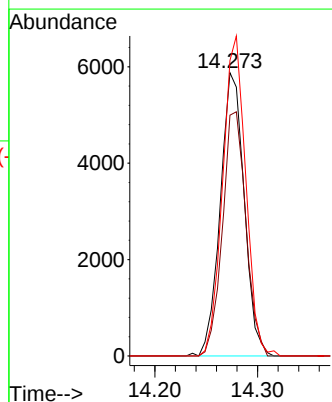
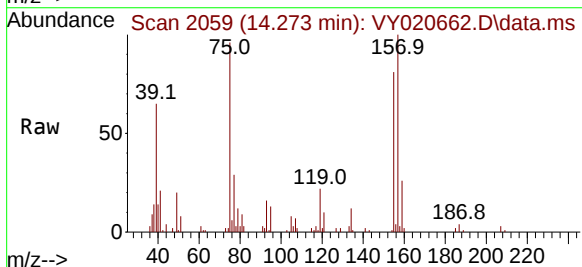
Instrument :
 MSVOA_Y
 ClientSampleId :

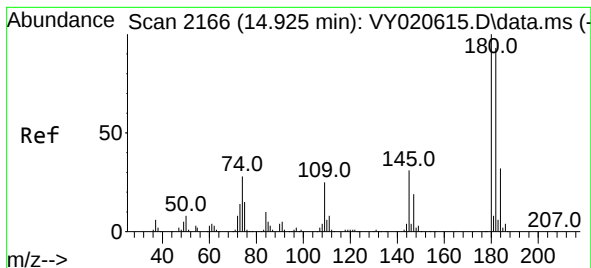
Tgt Ion:146 Resp: 176385
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.3 63.7
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.161 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY020662.D
 Acq: 19 Dec 2024 17:56

Tgt Ion: 75 Resp: 9475
 Ion Ratio Lower Upper
 75 100
 155 84.5 41.1 123.3
 157 108.9 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 22.816 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

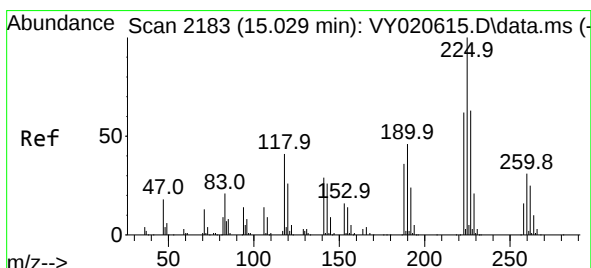
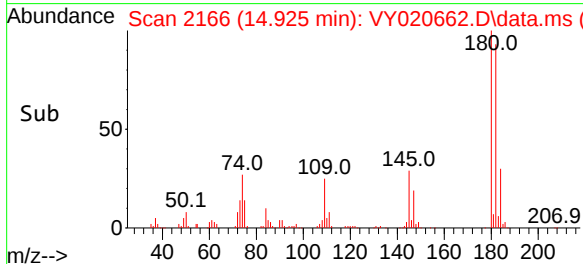
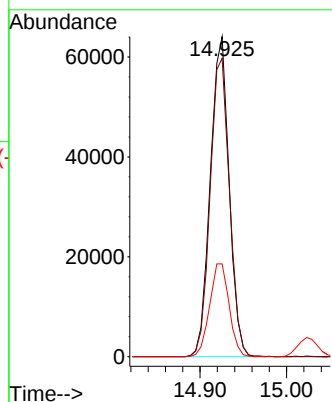
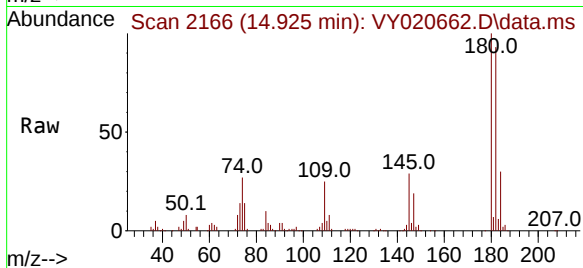
Tgt Ion:180 Resp: 96481

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 30.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 23.197 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

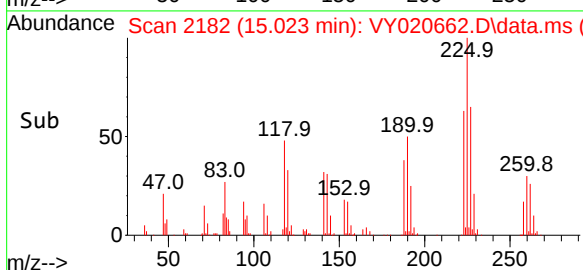
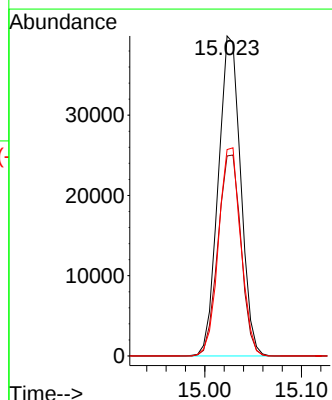
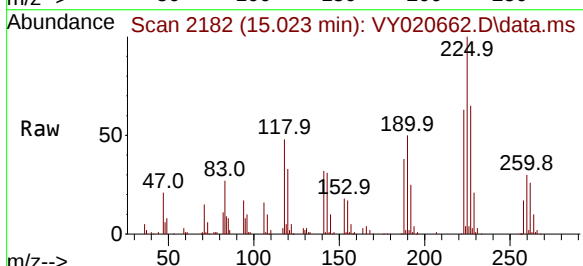
Tgt Ion:225 Resp: 64124

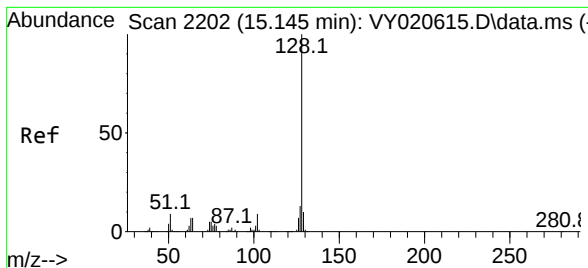
Ion Ratio Lower Upper

225 100

223 64.3 31.8 95.3

227 64.5 32.2 96.6





#95

Naphthalene

Concen: 20.504 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

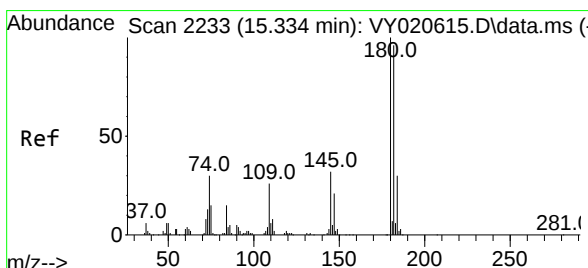
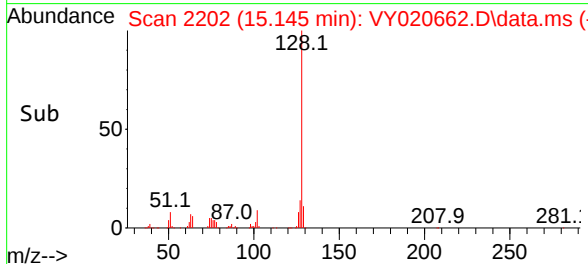
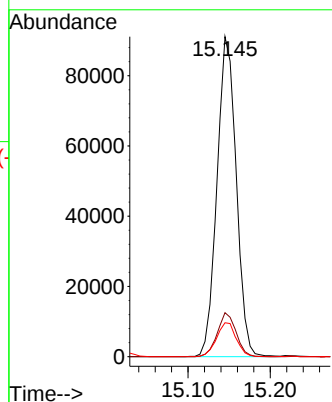
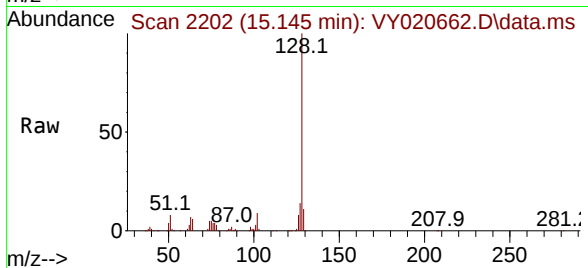
Tgt Ion:128 Resp: 148643

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 22.922 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020662.D

Acq: 19 Dec 2024 17:56

Tgt Ion:180 Resp: 81895

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 32.1 16.0 48.0

