

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020666.D
 Acq On : 20 Dec 2024 13:12
 Operator : SY/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 18:08:25 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	7.713	168	157442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	237485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	207752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	116933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74322	43.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.200%
35) Dibromofluoromethane	7.634	113	77189	46.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.240%
50) Toluene-d8	10.109	98	273250	46.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.407	95	101336	44.220	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	46496	23.644	ug/l	99
3) Chloromethane	2.074	50	24398	16.744	ug/l	97
4) Vinyl Chloride	2.208	62	21407	15.785	ug/l	97
5) Bromomethane	2.598	94	12985	14.895	ug/l	97
6) Chloroethane	2.732	64	11282	13.462	ug/l	91
7) Trichlorofluoromethane	3.062	101	47245	16.649	ug/l	98
8) Diethyl Ether	3.458	74	13504	13.569	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	32580	16.018	ug/l	94
10) Methyl Iodide	4.007	142	38530	17.014	ug/l	98
11) Tert butyl alcohol	4.854	59	18773	80.656	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	31773	16.099	ug/l	94
13) Acrolein	3.659	56	5627	69.014	ug/l	97
14) Allyl chloride	4.385	41	56459	16.326	ug/l	96
15) Acrylonitrile	5.061	53	46605	97.887	ug/l	99
16) Acetone	3.872	43	23242	63.034	ug/l	99
17) Carbon Disulfide	4.110	76	111849	17.411	ug/l	99
18) Methyl Acetate	4.385	43	17854	15.218	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	101223	19.872	ug/l	97
20) Methylene Chloride	4.616	84	38027	17.737	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	47558	21.482	ug/l	97
22) Diisopropyl ether	6.018	45	147396	20.998	ug/l	94
23) Vinyl Acetate	5.963	43	401517	100.993	ug/l	99
24) 1,1-Dichloroethane	5.915	63	87971	21.392	ug/l	99
25) 2-Butanone	6.896	43	58734	91.655	ug/l	98
26) 2,2-Dichloropropane	6.884	77	82041	21.104	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	53177	20.878	ug/l	99
28) Bromochloromethane	7.250	49	23622	17.030	ug/l	100
29) Tetrahydrofuran	7.268	42	38523	95.228	ug/l	99
30) Chloroform	7.427	83	92559	19.148	ug/l	97
31) Cyclohexane	7.701	56	83030	21.116	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	81959	21.694	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67060	21.973	ug/l #	91
37) Ethyl Acetate	6.988	43	26953	18.775	ug/l	97
38) Carbon Tetrachloride	7.823	117	75634	22.399	ug/l	99
39) Methylcyclohexane	9.109	83	87624	22.028	ug/l	98
40) Benzene	8.079	78	197331	22.058	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14883	19.610	ug/l	93
42) 1,2-Dichloroethane	8.158	62	49803	20.991	ug/l	100
43) Isopropyl Acetate	8.201	43	54326	19.989	ug/l	99
44) Trichloroethene	8.865	130	48185	21.921	ug/l	95
45) 1,2-Dichloropropane	9.140	63	45779	21.896	ug/l	99
46) Dibromomethane	9.231	93	23641	21.396	ug/l	96
47) Bromodichloromethane	9.426	83	63960	21.429	ug/l	99
48) Methyl methacrylate	9.219	41	25905	20.050	ug/l	99
49) 1,4-Dioxane	9.225	88	4698	370.747	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	135892	94.726	ug/l	99
52) Toluene	10.170	92	122615	22.055	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	89982	32.354	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	70570	21.413	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	30195	20.669	ug/l	98
56) Ethyl methacrylate	10.438	69	42515	20.060	ug/l	99
57) 1,3-Dichloropropane	10.713	76	66722	25.621	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.713	63	91434	102.533	ug/l #	71
59) 2-Hexanone	10.761	43	90691	98.464	ug/l	97
60) Dibromochloromethane	10.914	129	41185	21.080	ug/l	100
61) 1,2-Dibromoethane	11.017	107	28561	21.018	ug/l	99
64) Tetrachloroethene	10.646	164	42833	21.919	ug/l	92
65) Chlorobenzene	11.444	112	129331	22.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	43055	21.675	ug/l	97
67) Ethyl Benzene	11.517	91	238433	22.248	ug/l	98
68) m/p-Xylenes	11.627	106	178050	44.684	ug/l #	30
69) o-Xylene	11.956	106	82478	22.185	ug/l	99
70) Styrene	11.969	104	136494	21.974	ug/l	99
71) Bromoform	12.133	173	23329	20.889	ug/l #	98
73) Isopropylbenzene	12.255	105	221703	21.727	ug/l	99
74) N-amyl acetate	12.072	43	47848	20.036	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34416	20.778	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	45694	37.617	ug/l #	100
77) Bromobenzene	12.536	156	47306	21.282	ug/l	98
78) n-propylbenzene	12.596	91	270238	21.981	ug/l	99
79) 2-Chlorotoluene	12.682	91	150281	21.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	180725	21.827	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11746	20.297	ug/l	99
82) 4-Chlorotoluene	12.779	91	156322	21.784	ug/l	99
83) tert-Butylbenzene	12.999	119	156978	20.934	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	199323	24.542	ug/l	95
85) sec-Butylbenzene	13.176	105	237258	21.761	ug/l	100
86) p-Isopropyltoluene	13.291	119	198272	22.057	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	94820	21.610	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	94077	21.648	ug/l	98
89) n-Butylbenzene	13.621	91	189919	22.293	ug/l	100
90) Hexachloroethane	13.883	117	38301	21.500	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	81571	21.456	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9414	35.007	ug/l	57
93) 1,2,4-Trichlorobenzene	14.925	180	49266	21.424	ug/l	98
94) Hexachlorobutadiene	15.029	225	32852	21.854	ug/l	99
95) Naphthalene	15.151	128	80228	20.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	41397	21.307	ug/l	99

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QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

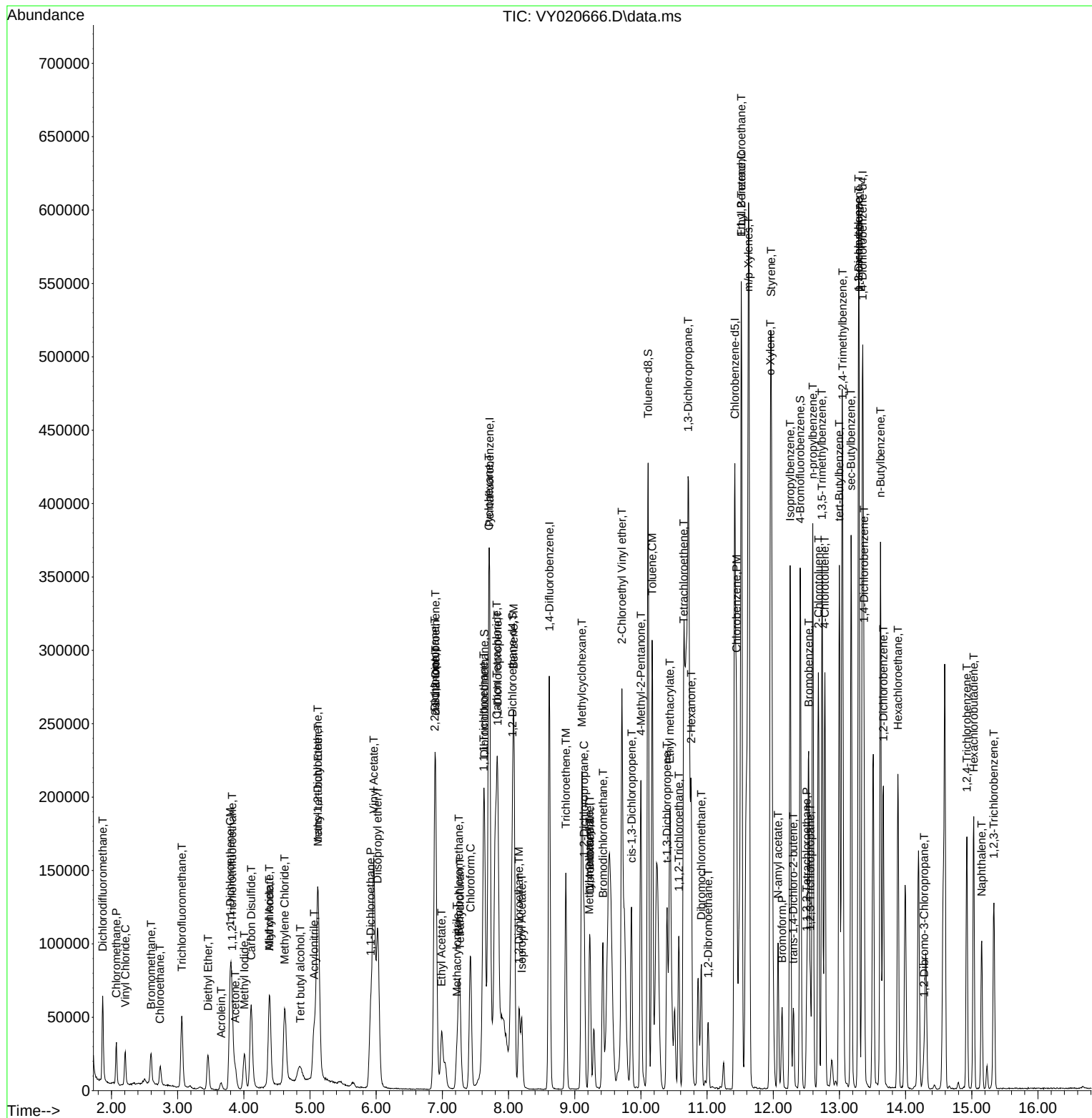
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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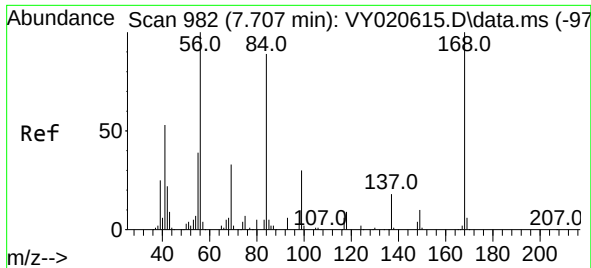
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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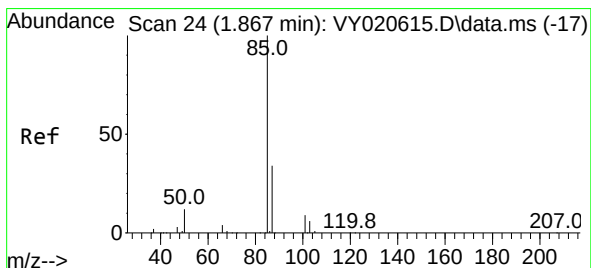
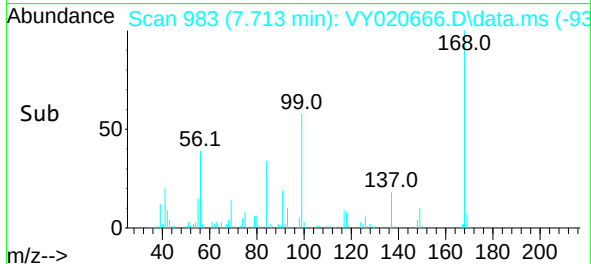
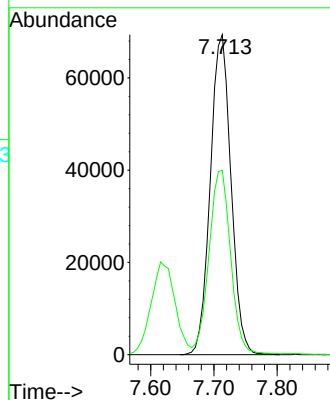
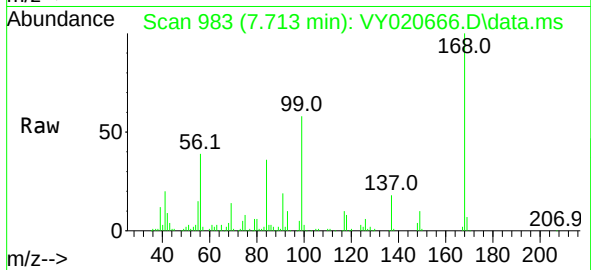




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020666.D
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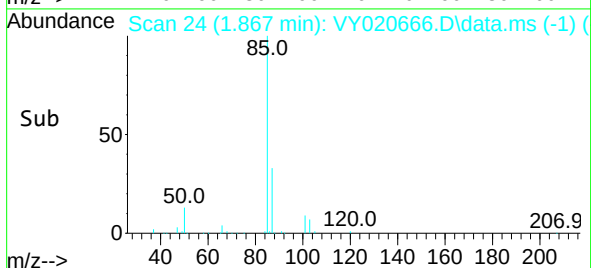
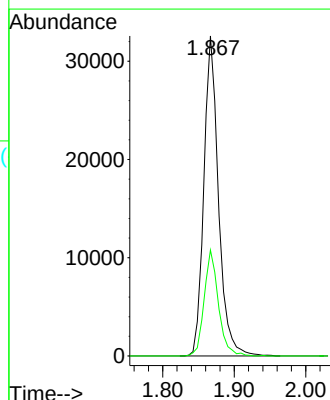
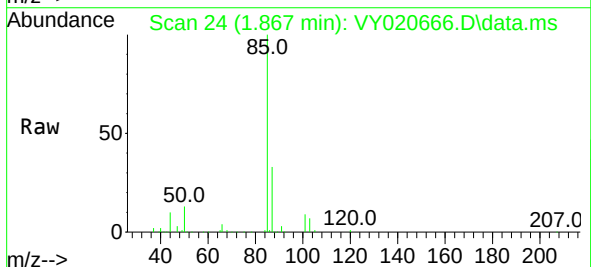
Instrument :
MSVOA_Y
ClientSampleId :

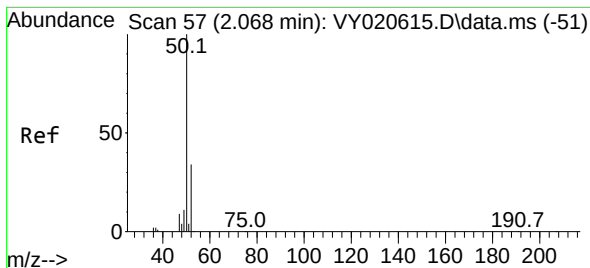
Tgt Ion:168 Resp: 157442
Ion Ratio Lower Upper
168 100
99 57.3 47.0 70.6



#2
Dichlorodifluoromethane
Concen: 23.644 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 85 Resp: 46496
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.3





#3

Chloromethane

Concen: 16.744 ug/l

RT: 2.074 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

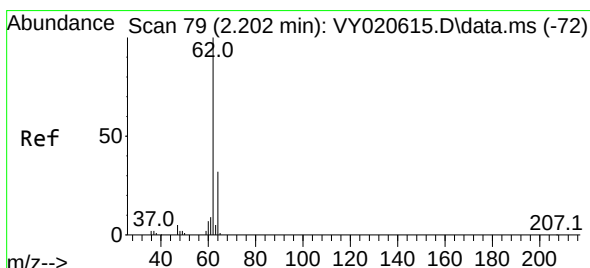
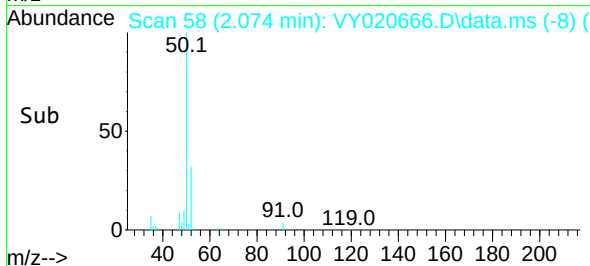
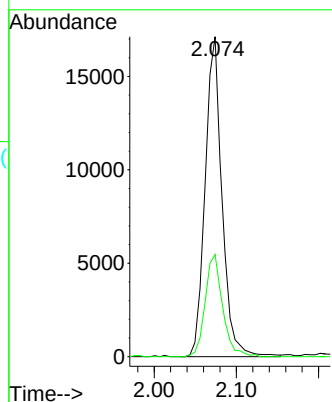
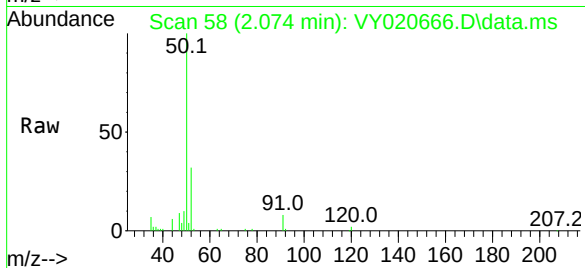
ClientSampleId :

Tgt Ion: 50 Resp: 24398

Ion Ratio Lower Upper

50 100

52 32.0 26.8 40.2



#4

Vinyl Chloride

Concen: 15.785 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020666.D

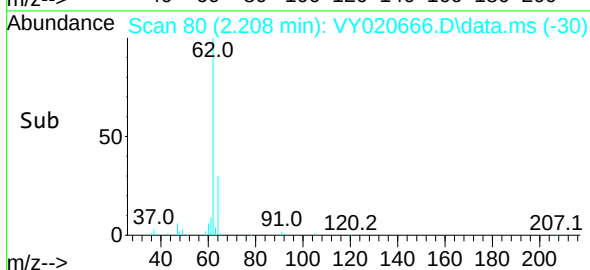
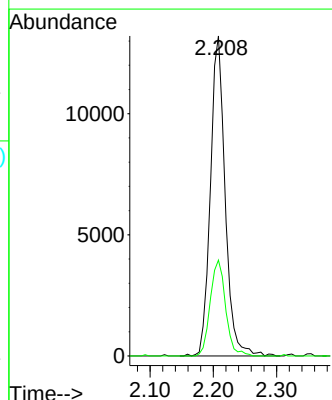
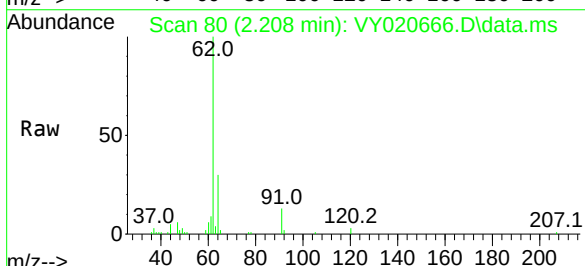
Acq: 20 Dec 2024 13:12

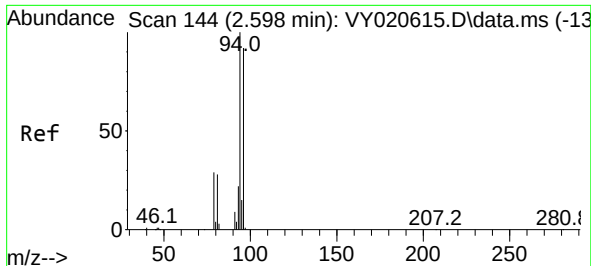
Tgt Ion: 62 Resp: 21407

Ion Ratio Lower Upper

62 100

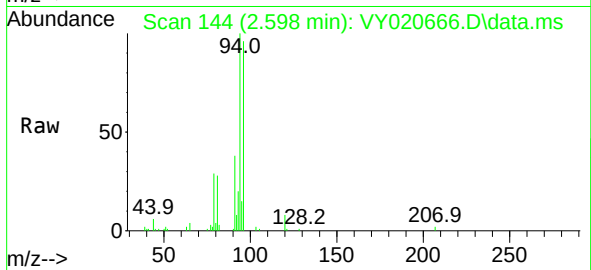
64 29.9 25.3 37.9



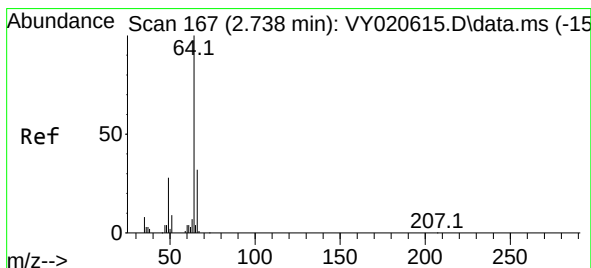
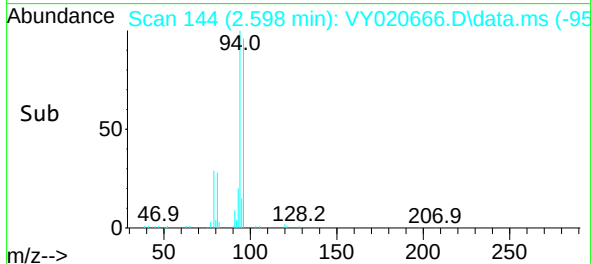
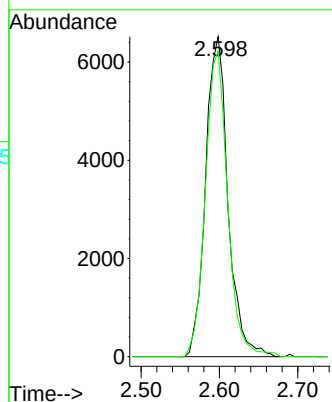


#5
Bromomethane
Concen: 14.895 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020666.D
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ClientSampleId :

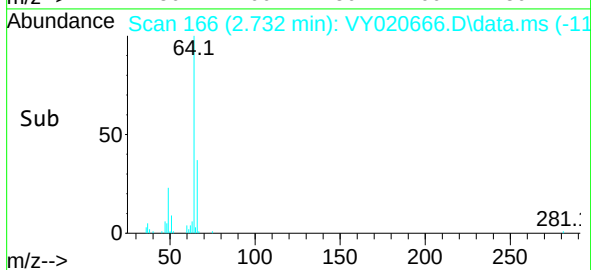
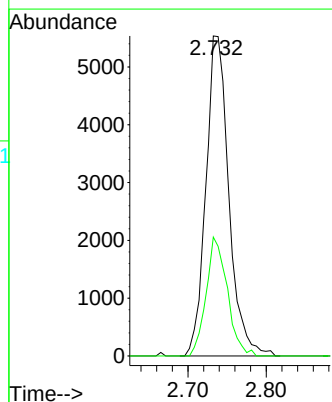
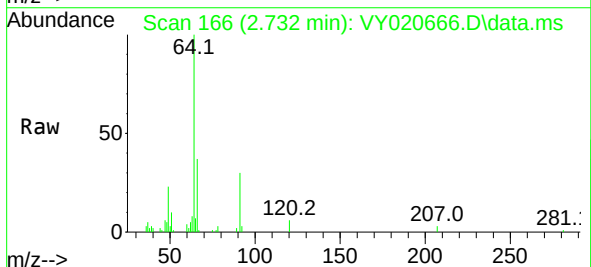


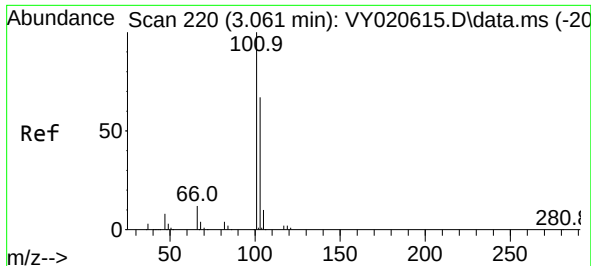
Tgt Ion: 94 Resp: 12985
Ion Ratio Lower Upper
94 100
96 95.5 73.8 110.6



#6
Chloroethane
Concen: 13.462 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 64 Resp: 11282
Ion Ratio Lower Upper
64 100
66 37.1 25.8 38.6

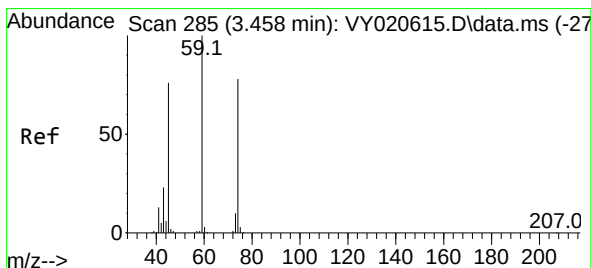
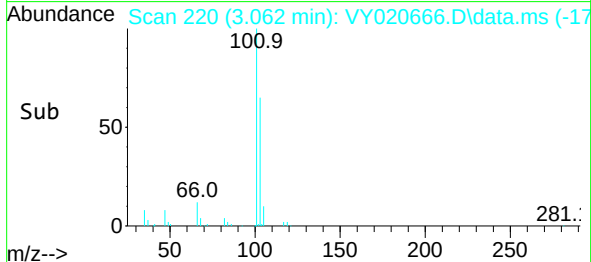
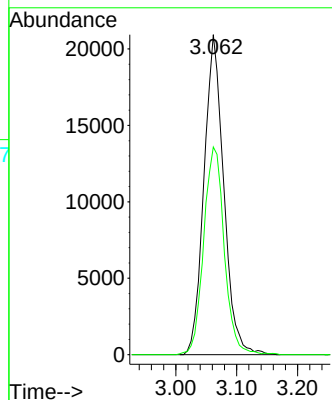
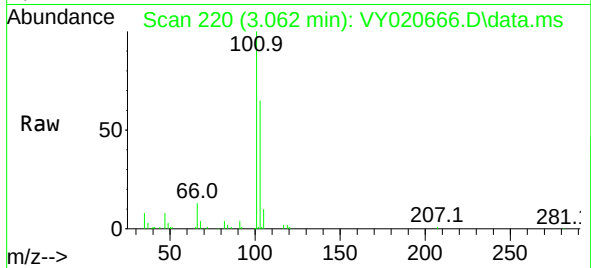




#7
Trichlorofluoromethane
Concen: 16.649 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

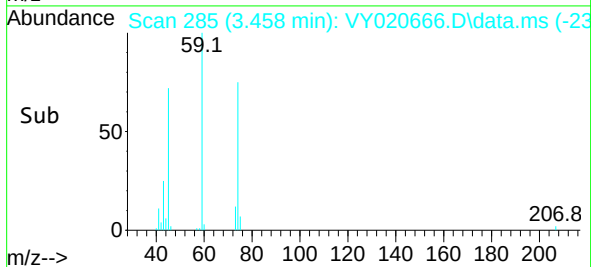
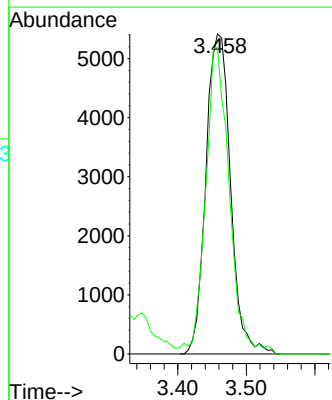
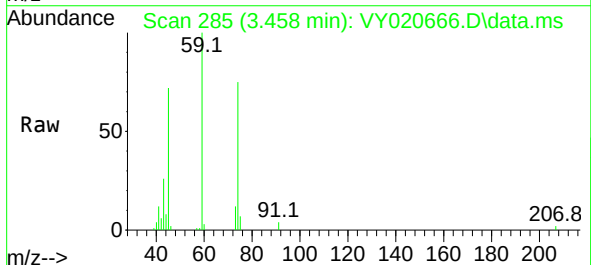
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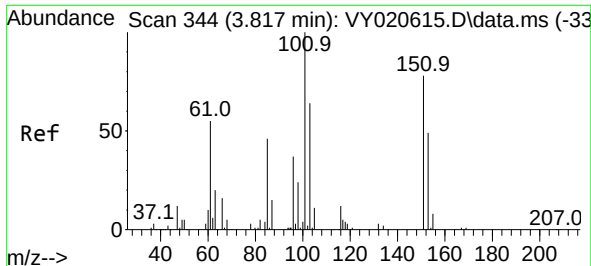
Tgt Ion:101 Resp: 47245
Ion Ratio Lower Upper
101 100
103 64.9 53.4 80.0



#8
Diethyl Ether
Concen: 13.569 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020666.D
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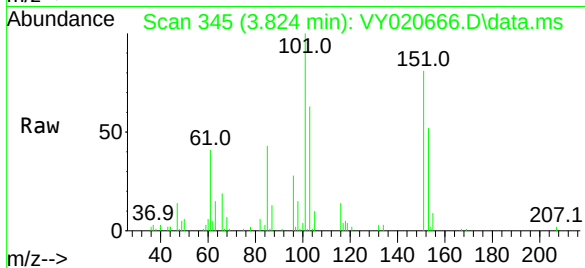
Tgt Ion: 74 Resp: 13504
Ion Ratio Lower Upper
74 100
45 92.8 49.0 147.2



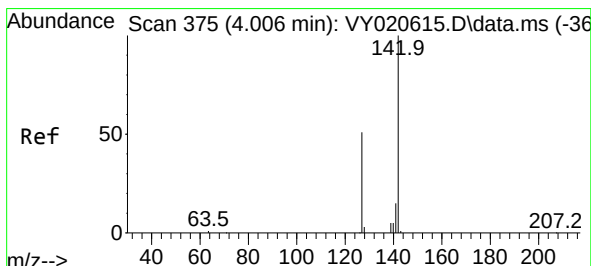
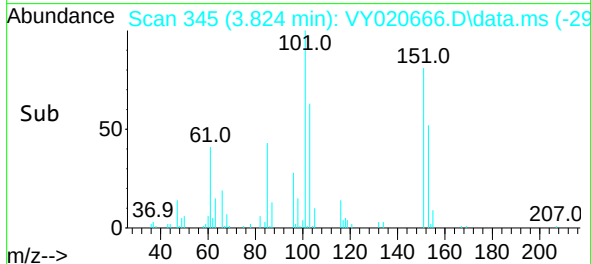
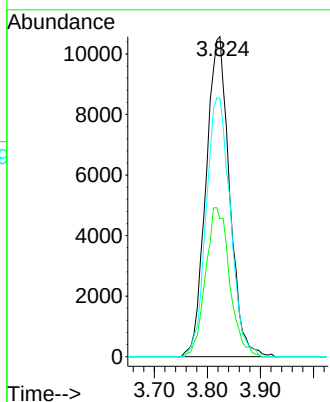


#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.018 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

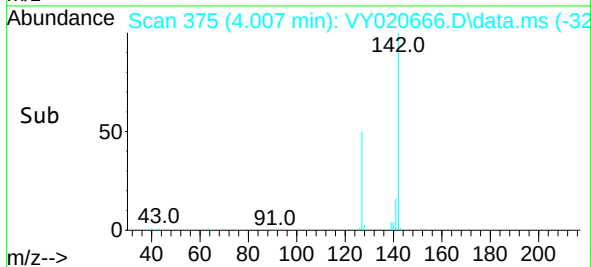
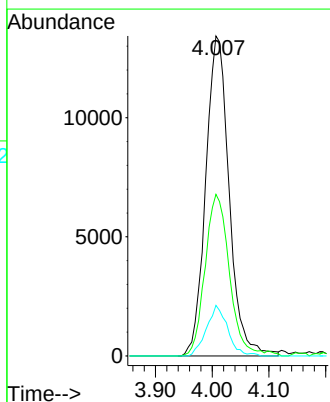
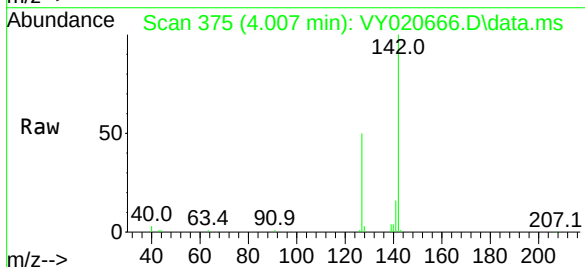


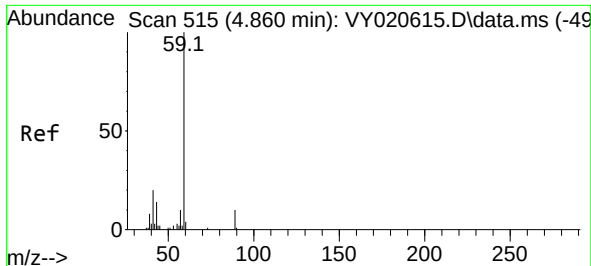
Tgt Ion:101 Resp: 32580
Ion Ratio Lower Upper
101 100
85 47.6 36.6 54.8
151 83.2 61.5 92.3



#10
Methyl Iodide
Concen: 17.014 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion:142 Resp: 38530
Ion Ratio Lower Upper
142 100
127 52.2 40.6 61.0
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 80.656 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

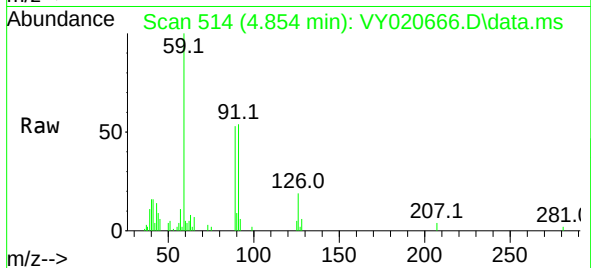
Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

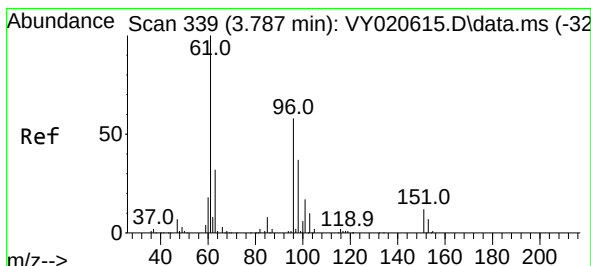
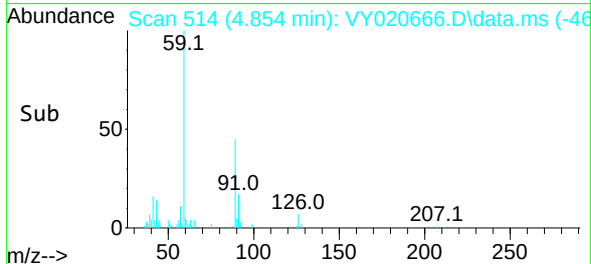
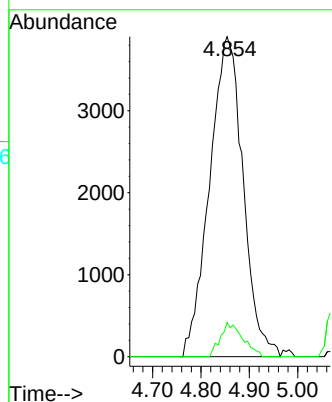


Tgt Ion: 59 Resp: 18773

Ion Ratio Lower Upper

59 100

57 7.1 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 16.099 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

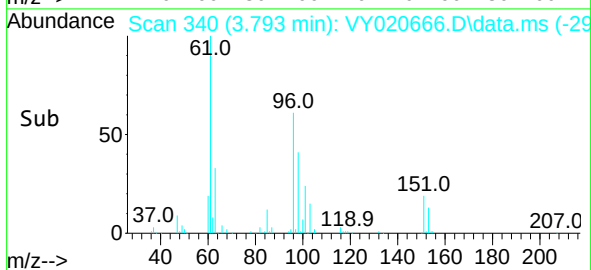
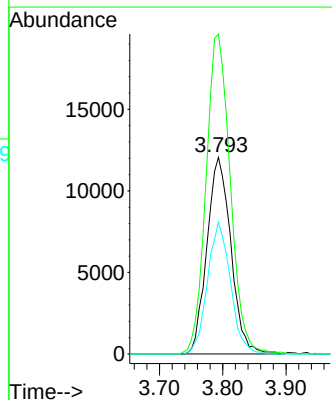
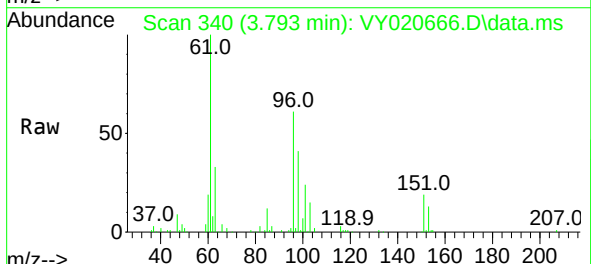
Tgt Ion: 96 Resp: 31773

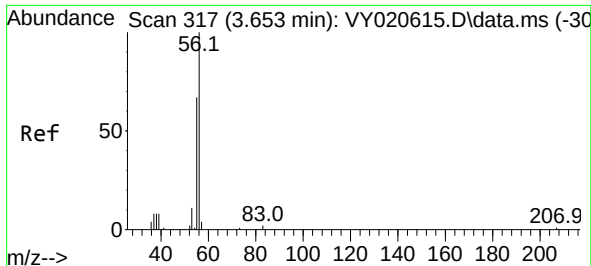
Ion Ratio Lower Upper

96 100

61 162.7 136.9 205.3

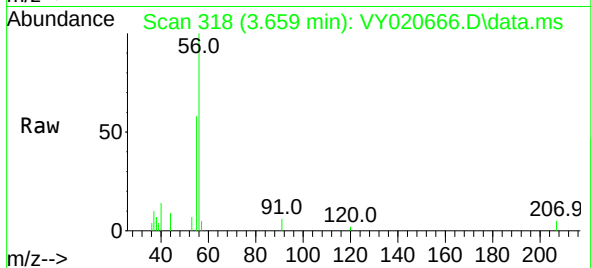
98 67.1 50.2 75.4



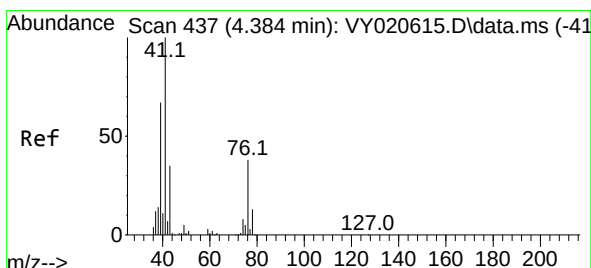
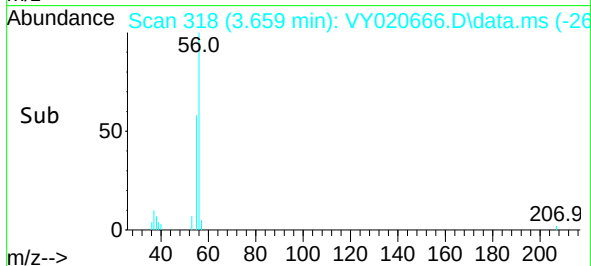
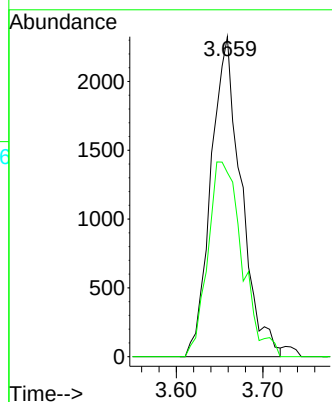


#13
Acrolein
Concen: 69.014 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

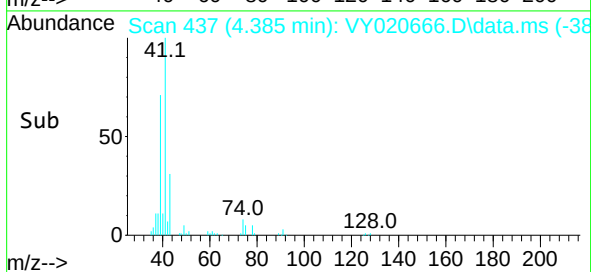
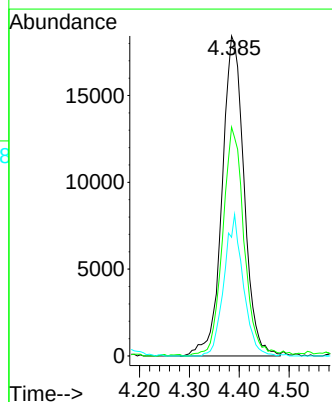
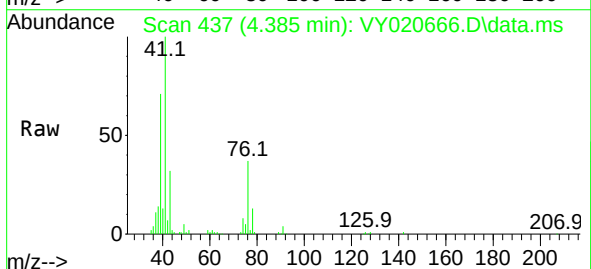


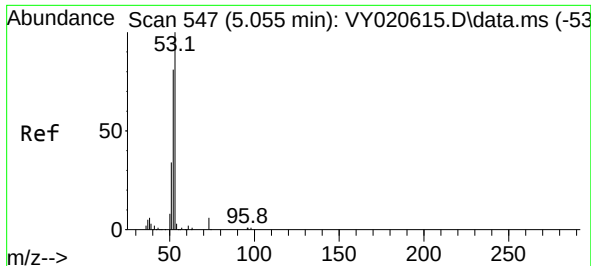
Tgt Ion: 56 Resp: 5627
Ion Ratio Lower Upper
56 100
55 69.1 57.5 86.3



#14
Allyl chloride
Concen: 16.326 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

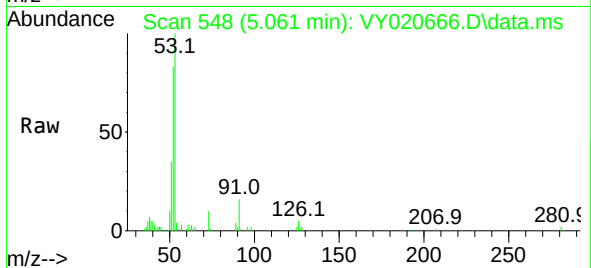
Tgt Ion: 41 Resp: 56459
Ion Ratio Lower Upper
41 100
39 69.5 53.0 79.4
76 38.6 29.5 44.3



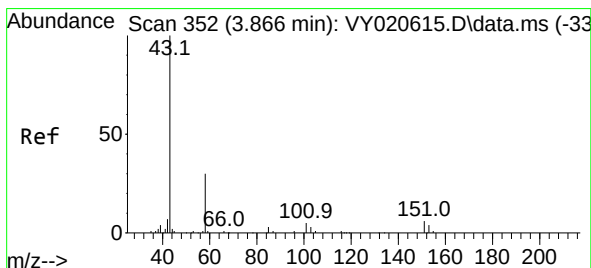
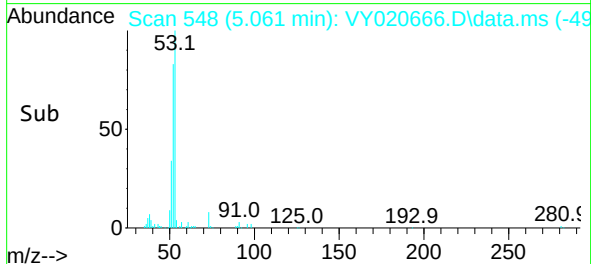
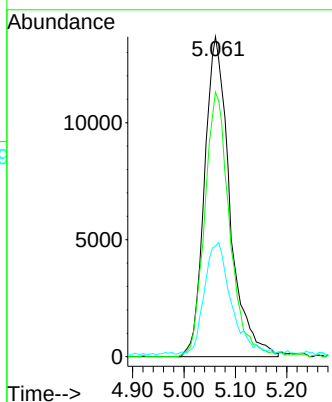


#15
Acrylonitrile
Concen: 97.887 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

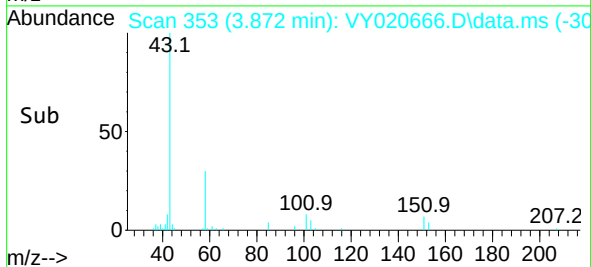
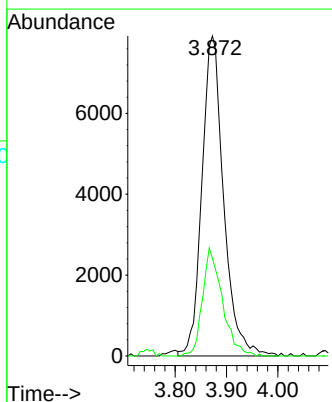
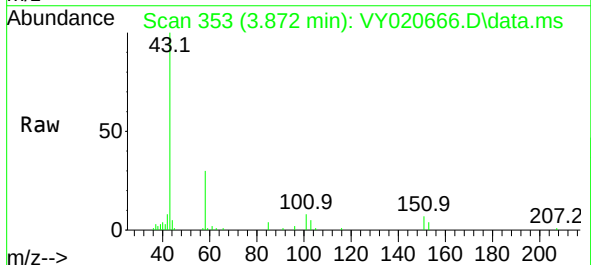


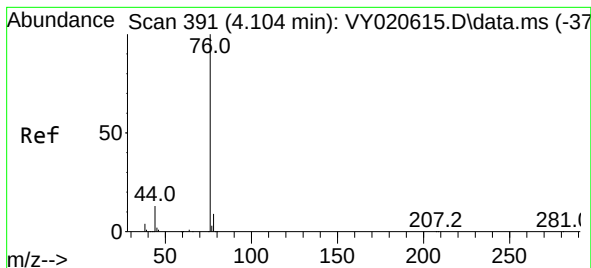
Tgt Ion: 53 Resp: 46605
Ion Ratio Lower Upper
53 100
52 81.6 64.5 96.7
51 37.2 29.4 44.0



#16
Acetone
Concen: 63.034 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 43 Resp: 23242
Ion Ratio Lower Upper
43 100
58 30.5 25.0 37.6





#17

Carbon Disulfide

Concen: 17.411 ug/l

RT: 4.110 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

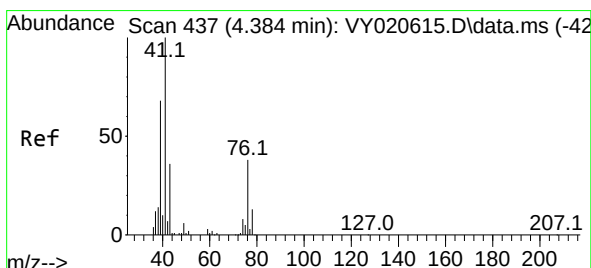
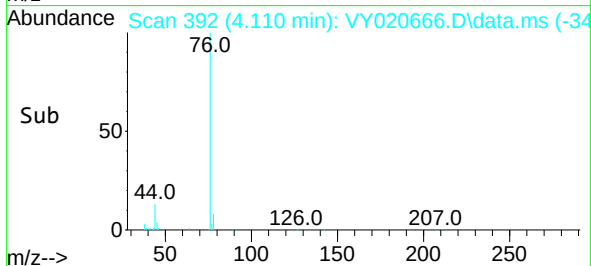
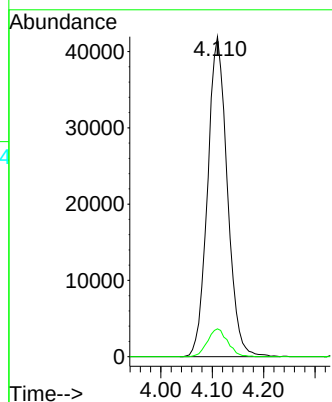
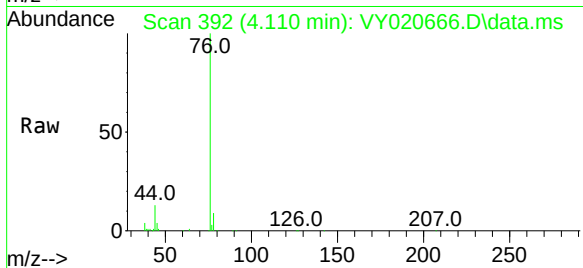
ClientSampleId :

Tgt Ion: 76 Resp: 111849

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 15.218 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020666.D

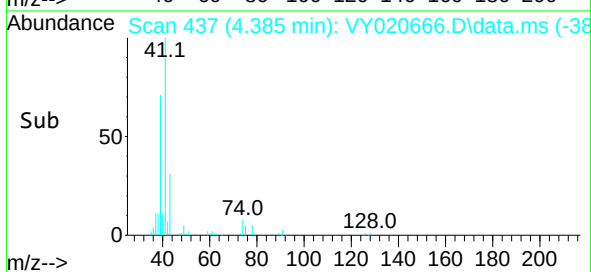
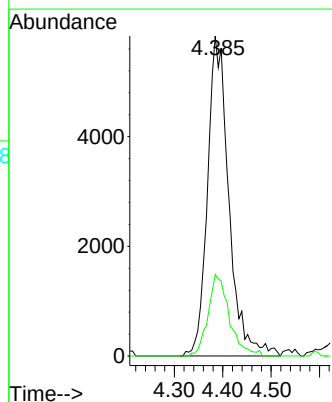
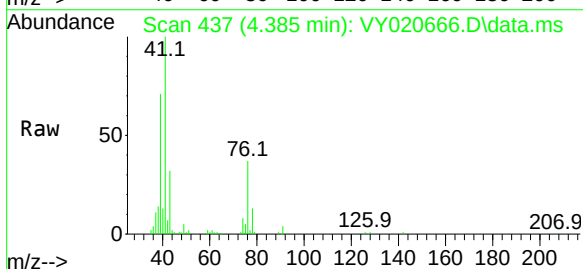
Acq: 20 Dec 2024 13:12

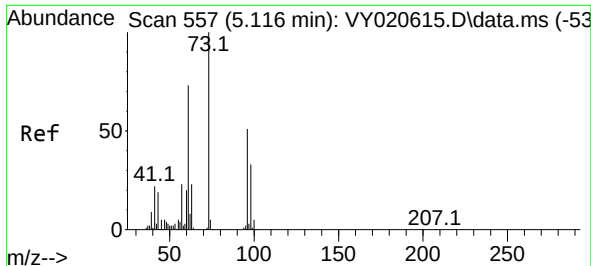
Tgt Ion: 43 Resp: 17854

Ion Ratio Lower Upper

43 100

74 25.3 19.2 28.8

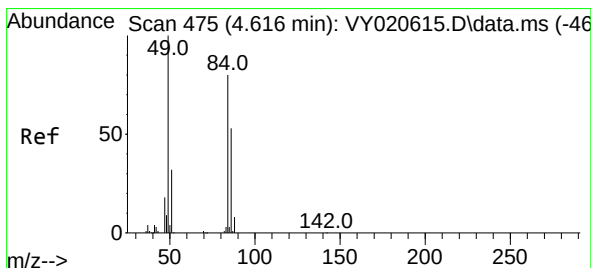
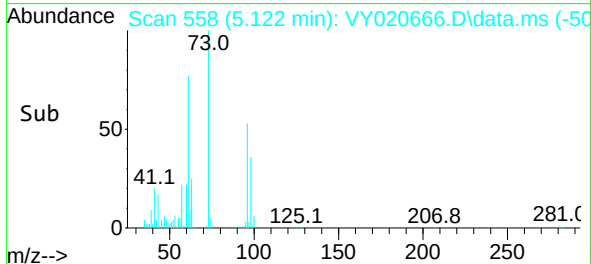
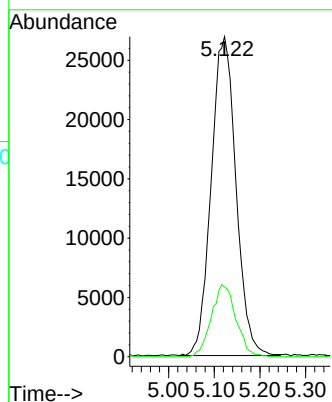
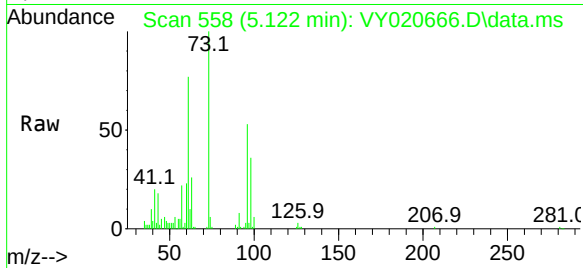




#19
Methyl tert-butyl Ether
Concen: 19.872 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

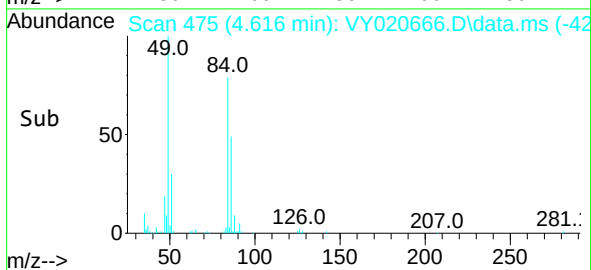
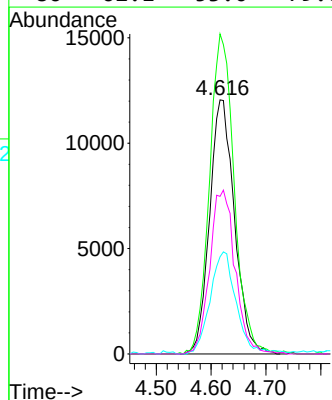
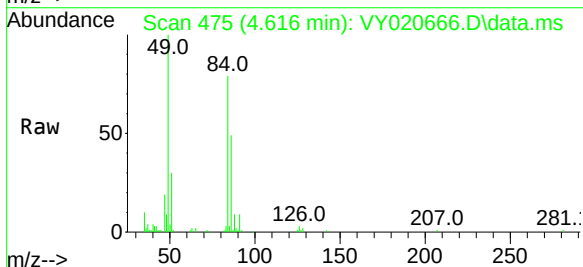
Instrument :
MSVOA_Y
ClientSampleId :

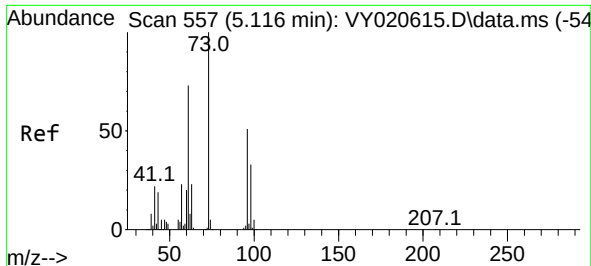
Tgt Ion: 73 Resp: 101223
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7



#20
Methylene Chloride
Concen: 17.737 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 84 Resp: 38027
Ion Ratio Lower Upper
84 100
49 125.5 100.7 151.1
51 38.2 32.2 48.2
86 62.1 53.0 79.6

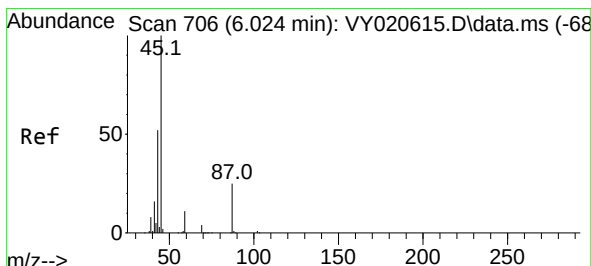
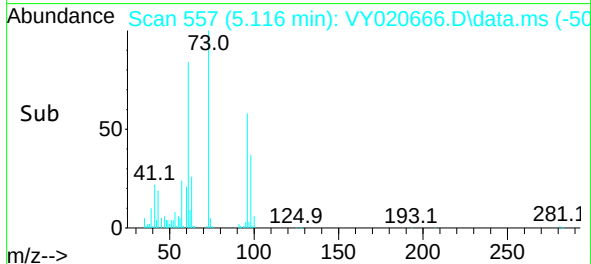
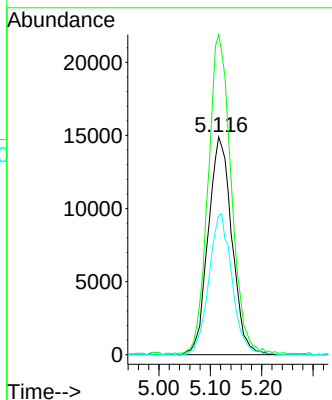
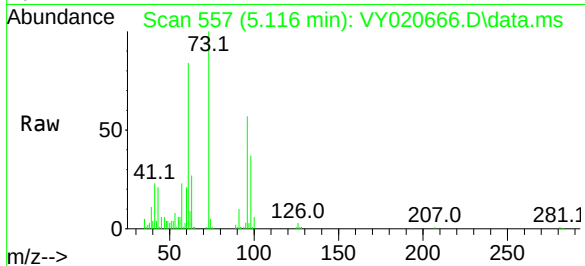




#21
trans-1,2-Dichloroethene
Concen: 21.482 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

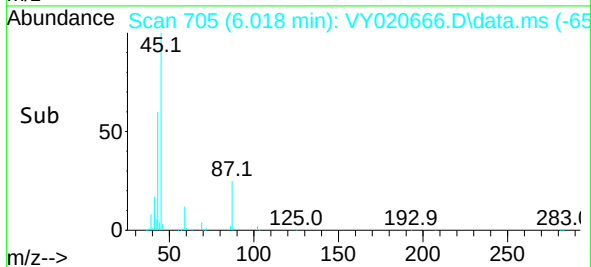
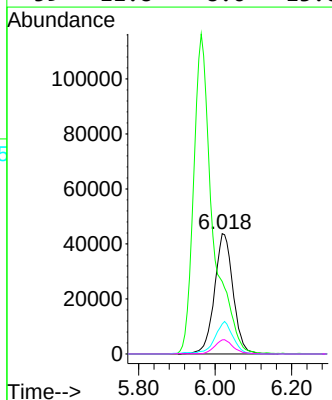
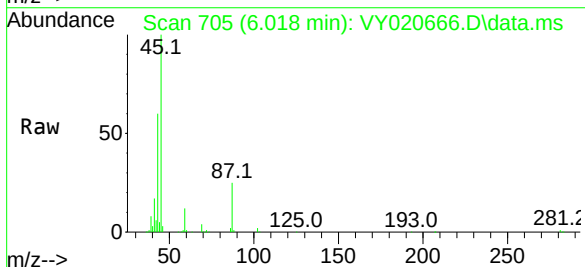
Instrument :
MSVOA_Y
ClientSampleId :

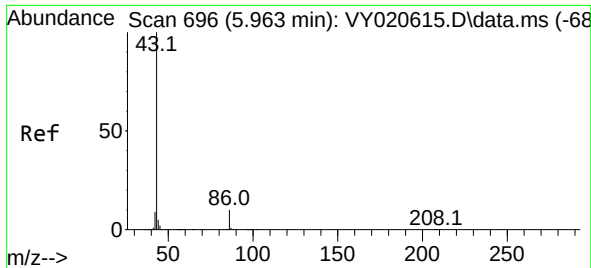
Tgt Ion: 96 Resp: 47558
Ion Ratio Lower Upper
96 100
61 146.4 113.7 170.5
98 64.0 51.7 77.5



#22
Diisopropyl ether
Concen: 20.998 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 45 Resp: 147396
Ion Ratio Lower Upper
45 100
43 59.8 42.6 64.0
87 24.9 20.6 31.0
59 11.8 8.6 13.0

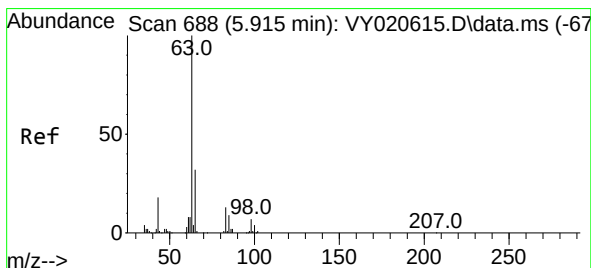
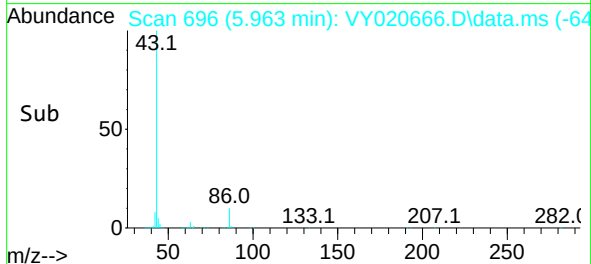
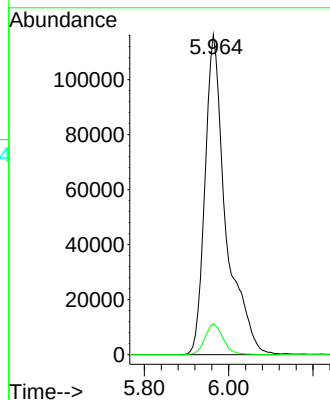
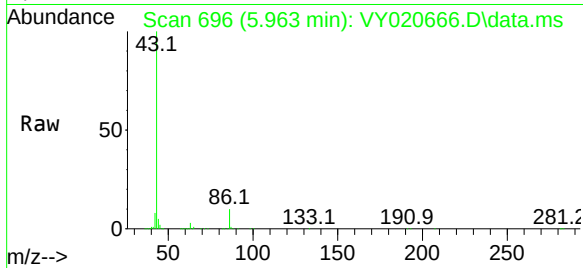




#23
 Vinyl Acetate
 Concen: 100.993 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

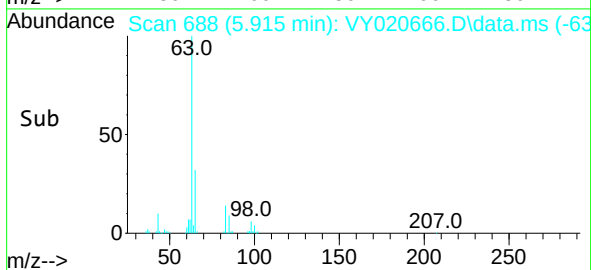
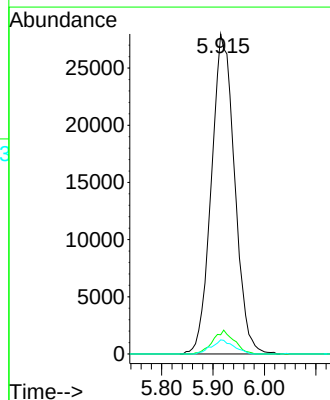
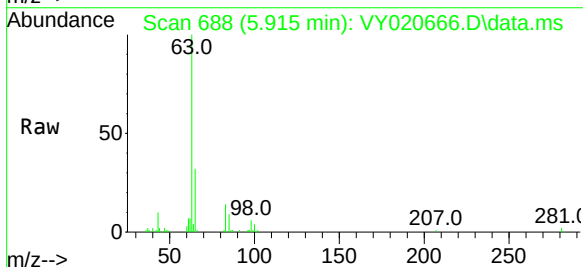
Instrument :
 MSVOA_Y
 ClientSampleId :

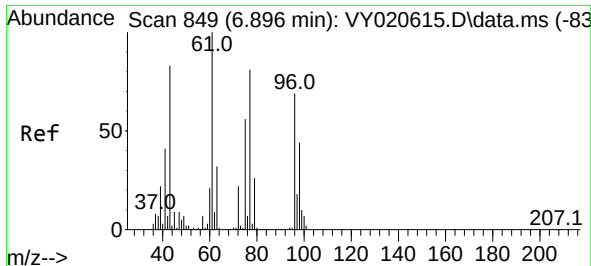
Tgt Ion: 43 Resp: 401517
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.392 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

Tgt Ion: 63 Resp: 87971
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 91.655 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

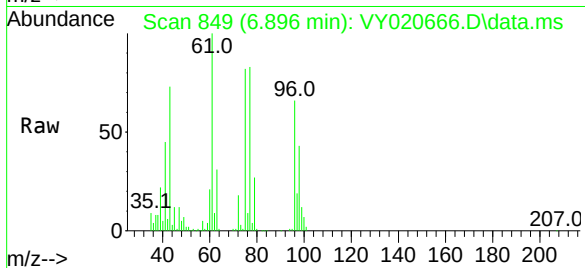
Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

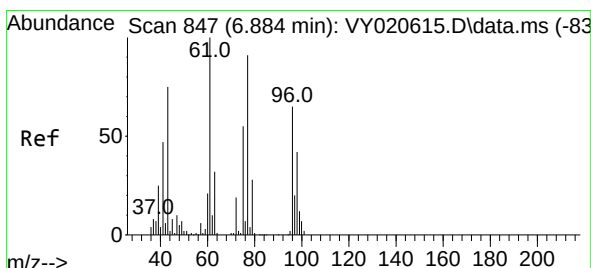
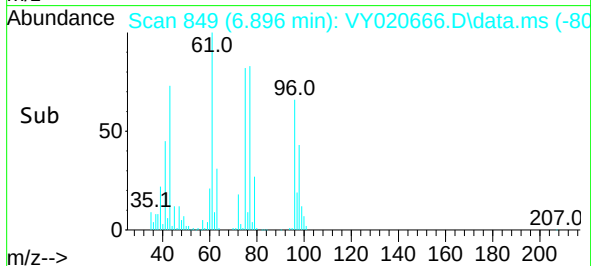
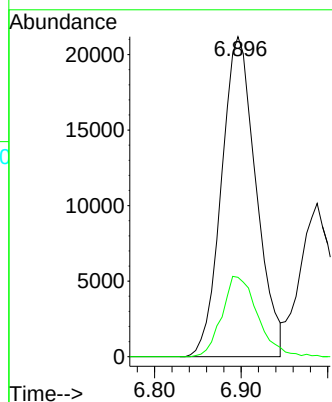


Tgt Ion: 43 Resp: 58734

Ion Ratio Lower Upper

43 100

72 24.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 21.104 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020666.D

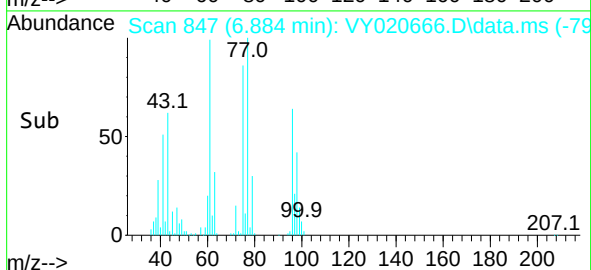
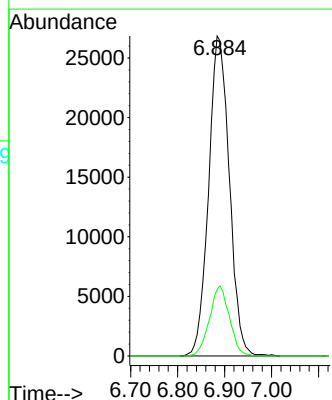
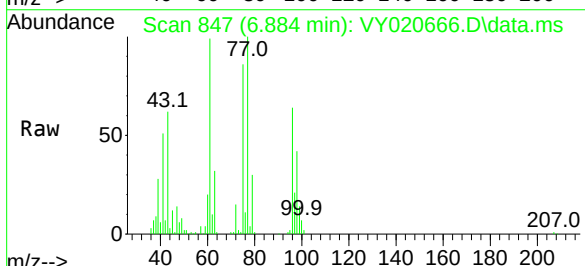
Acq: 20 Dec 2024 13:12

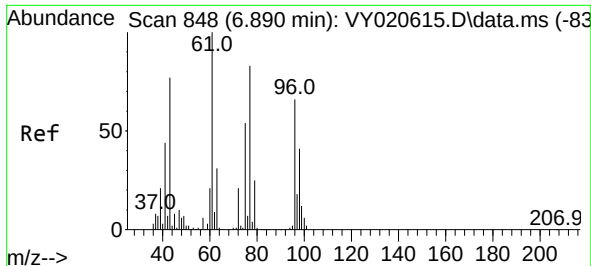
Tgt Ion: 77 Resp: 82041

Ion Ratio Lower Upper

77 100

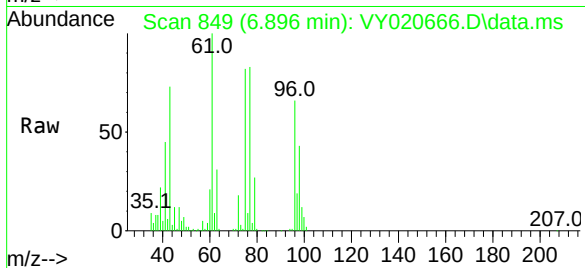
97 21.0 10.9 32.6



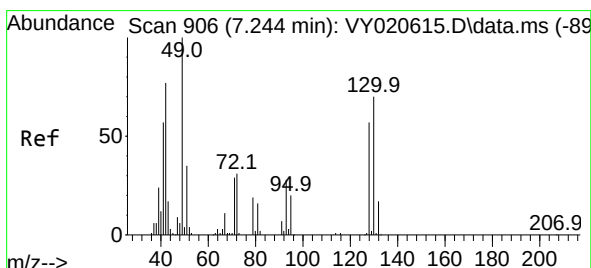
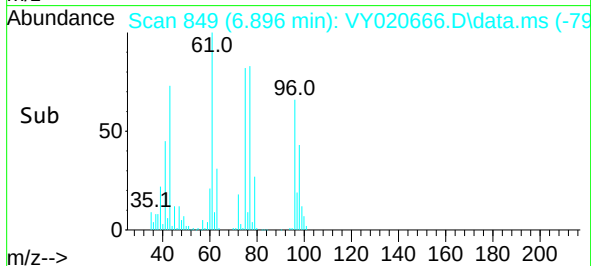
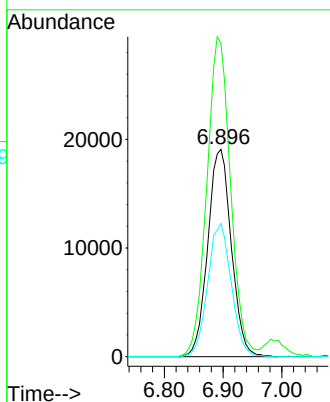


#27
 cis-1,2-Dichloroethene
 Concen: 20.878 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :

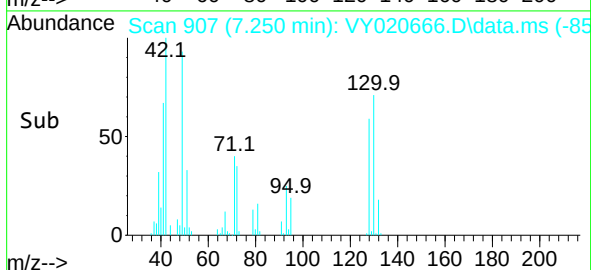
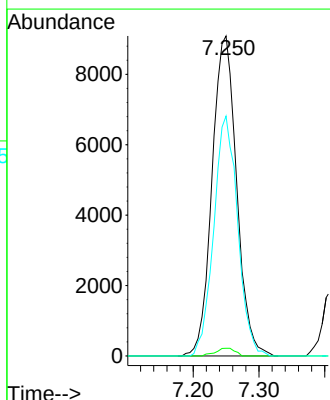
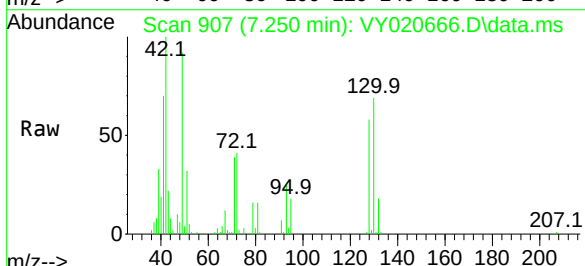


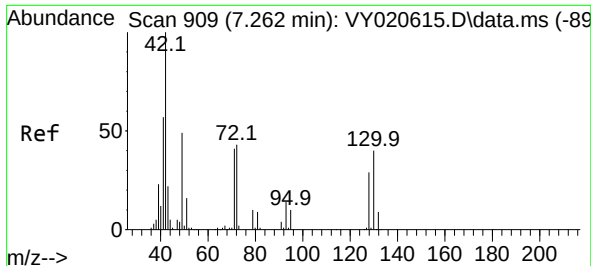
Tgt Ion: 96 Resp: 53177
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 306.2
 98 64.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 17.030 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

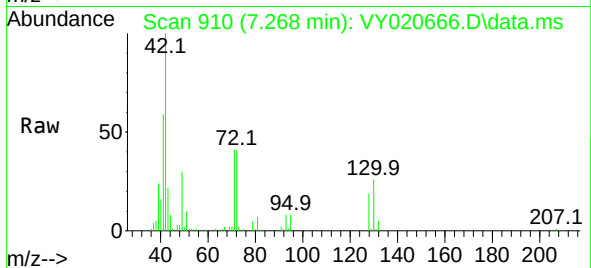
Tgt Ion: 49 Resp: 23622
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.0 58.3 87.5



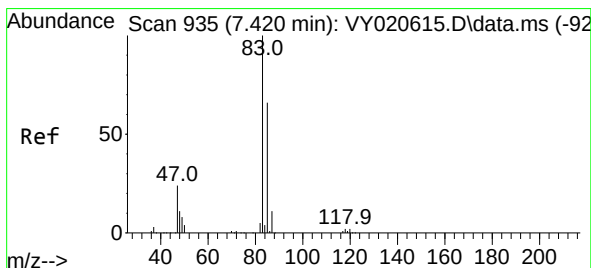
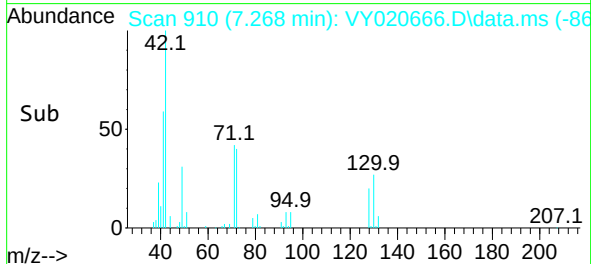
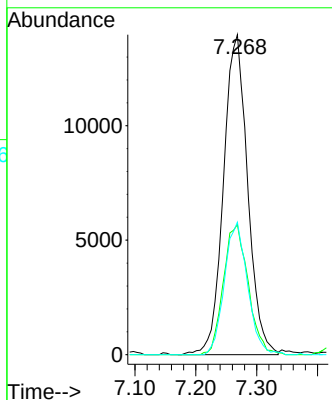


#29
Tetrahydrofuran
Concen: 95.228 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

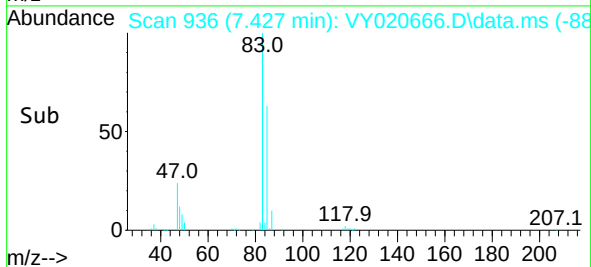
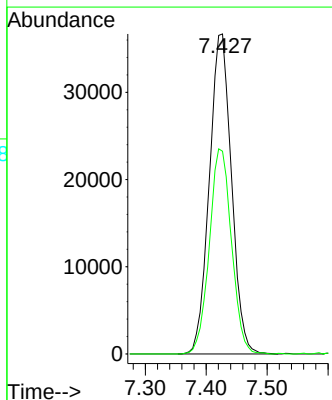
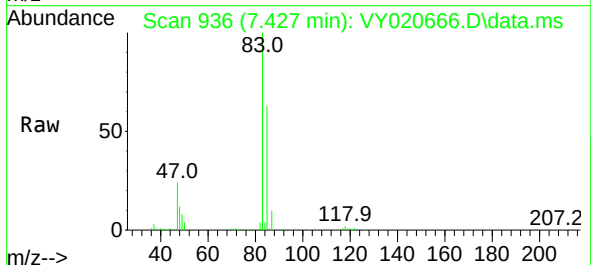


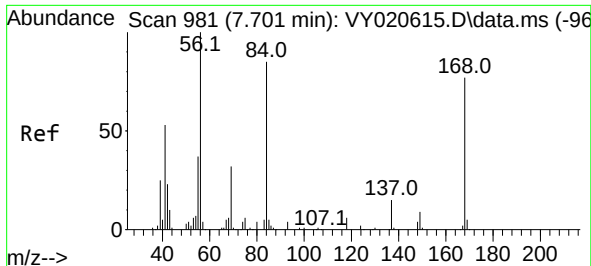
Tgt Ion: 42 Resp: 38523
Ion Ratio Lower Upper
42 100
72 41.7 34.0 51.0
71 39.6 31.6 47.4



#30
Chloroform
Concen: 19.148 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.007 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

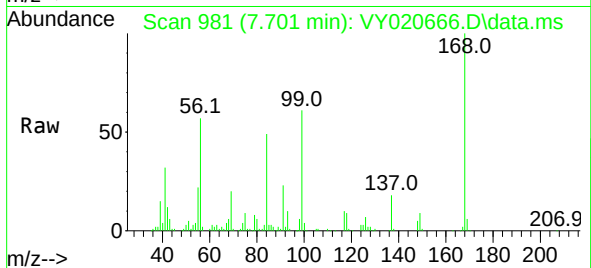
Tgt Ion: 83 Resp: 92559
Ion Ratio Lower Upper
83 100
85 63.4 52.7 79.1



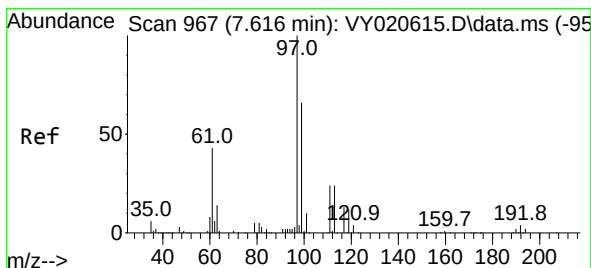
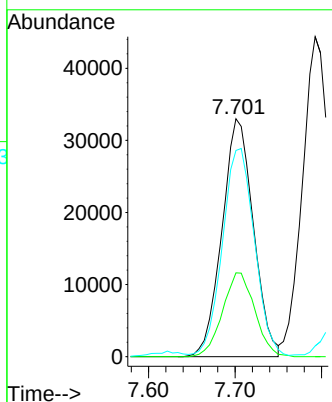
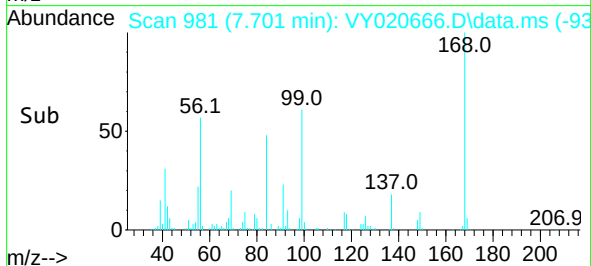


#31
Cyclohexane
Concen: 21.116 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

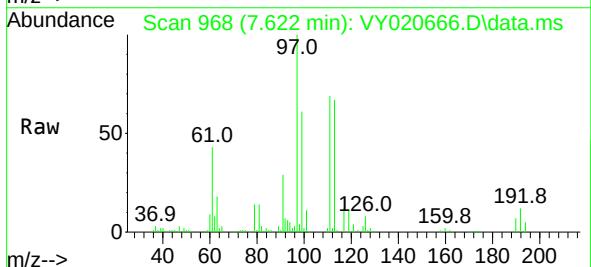
Instrument :
MSVOA_Y
ClientSampleId :



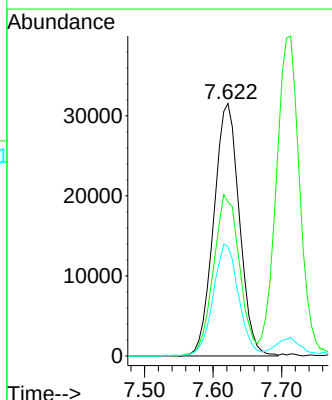
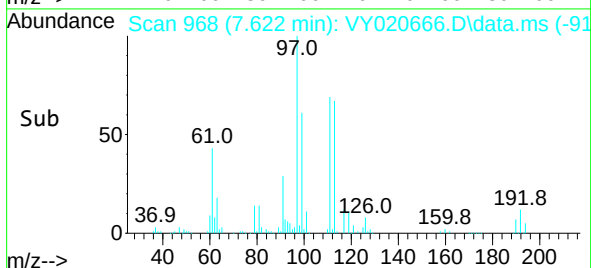
Tgt Ion: 56 Resp: 83030
Ion Ratio Lower Upper
56 100
69 35.3 25.4 38.0
84 85.0 68.3 102.5

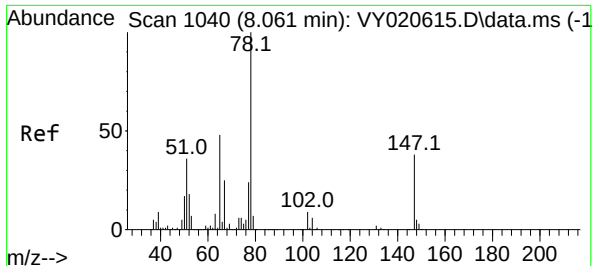


#32
1,1,1-Trichloroethane
Concen: 21.694 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12



Tgt Ion: 97 Resp: 81959
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 43.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 43.102 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

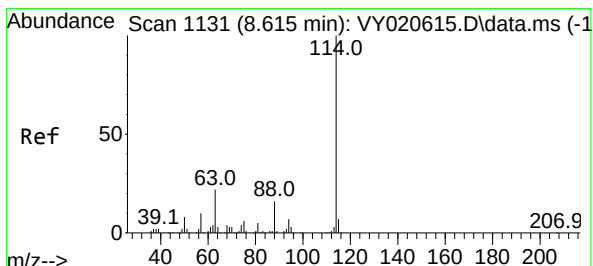
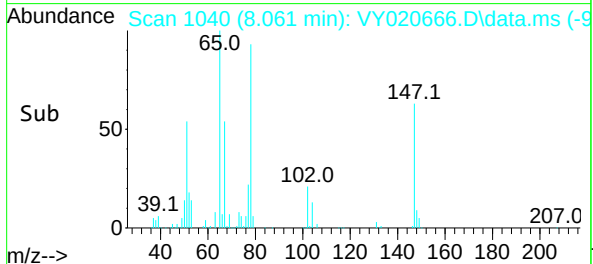
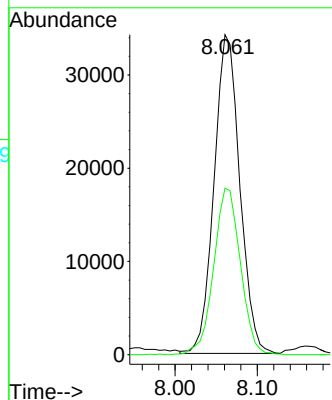
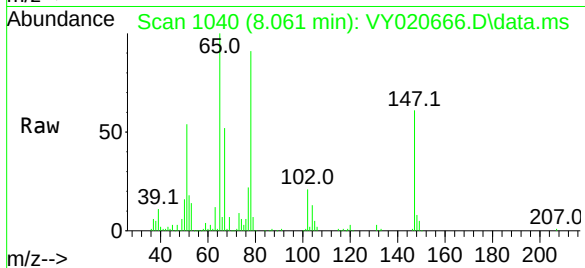
ClientSampleId :

Tgt Ion: 65 Resp: 74322

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

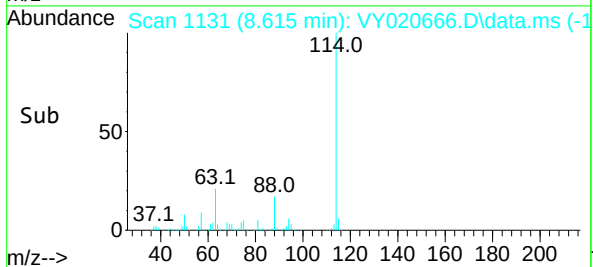
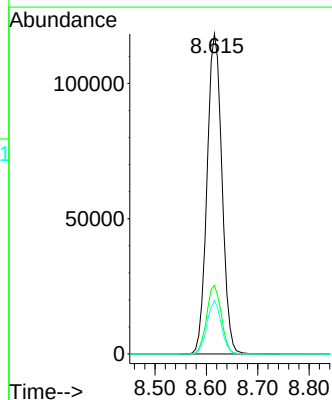
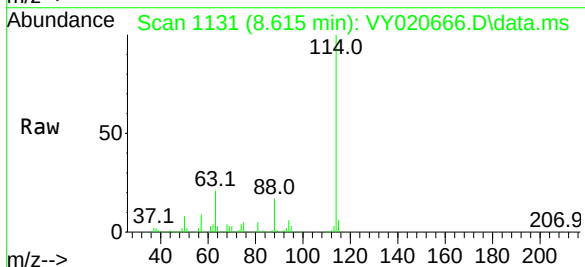
Tgt Ion: 114 Resp: 237485

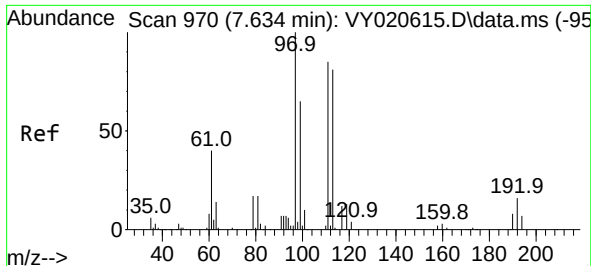
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

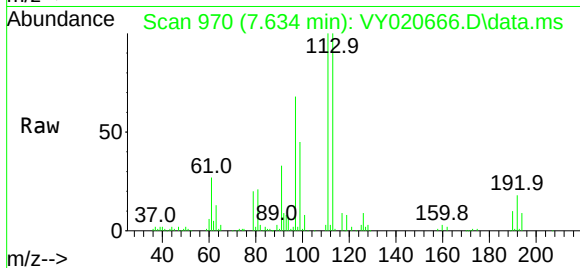
88 16.6 0.0 32.8



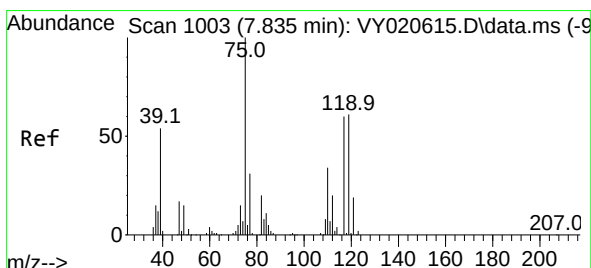
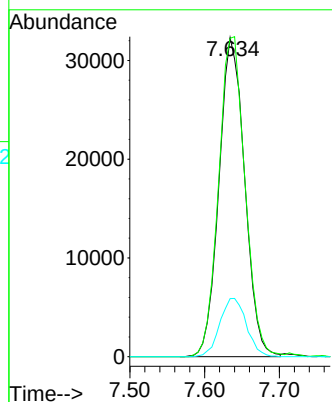
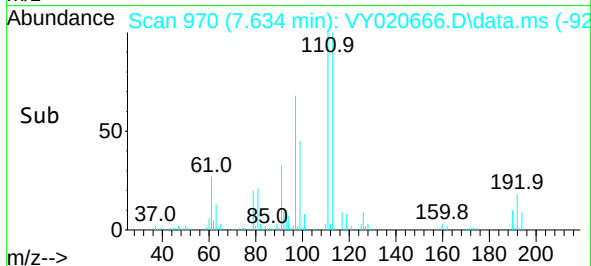


#35
Dibromofluoromethane
Concen: 46.118 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

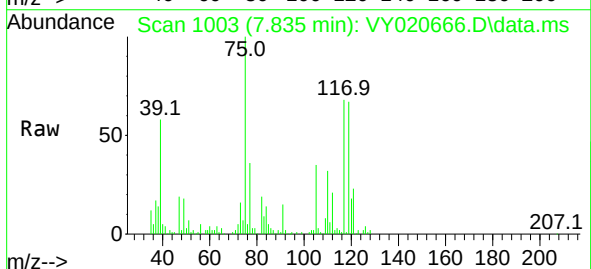
Instrument :
MSVOA_Y
ClientSampleId :



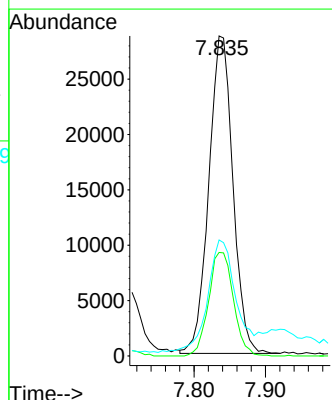
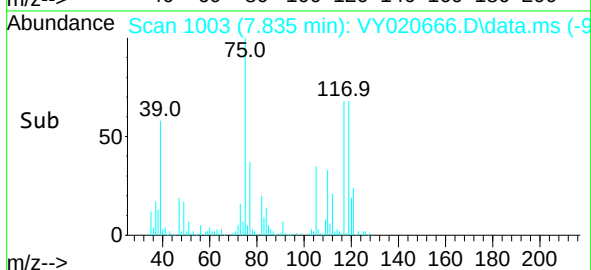
Tgt Ion:113 Resp: 77189
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 15.7 23.5

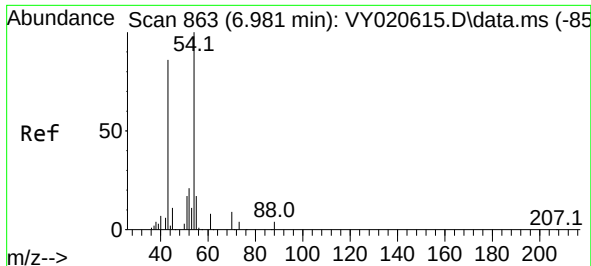


#36
1,1-Dichloropropene
Concen: 21.973 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12



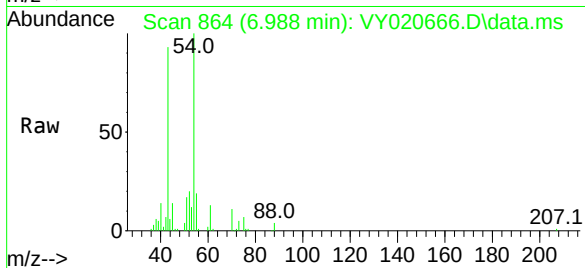
Tgt Ion: 75 Resp: 67060
Ion Ratio Lower Upper
75 100
110 33.6 16.8 50.4
77 41.1 25.0 37.6#



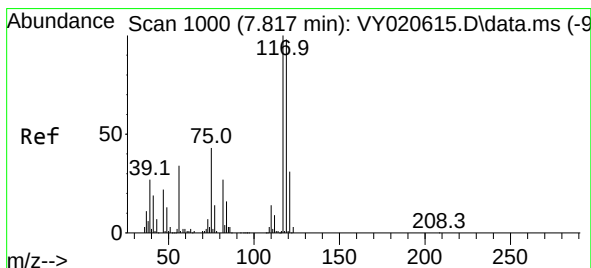
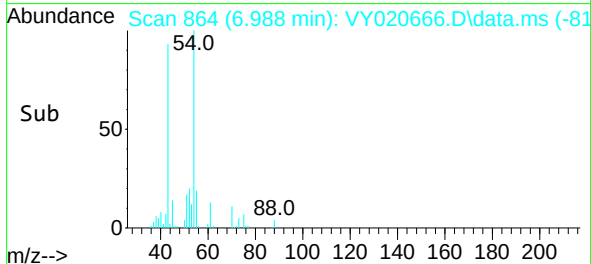
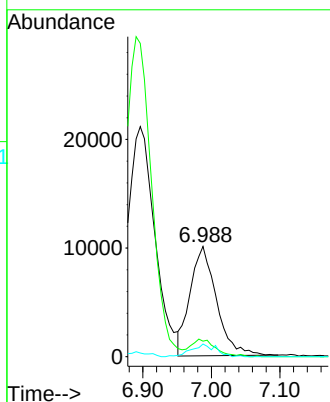


#37
Ethyl Acetate
Concen: 18.775 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

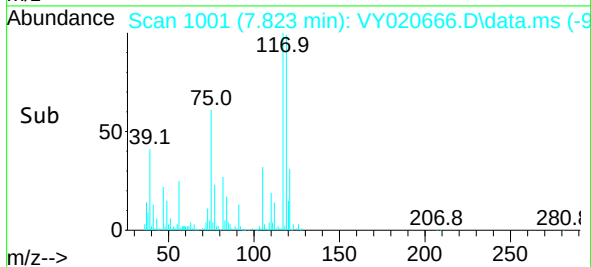
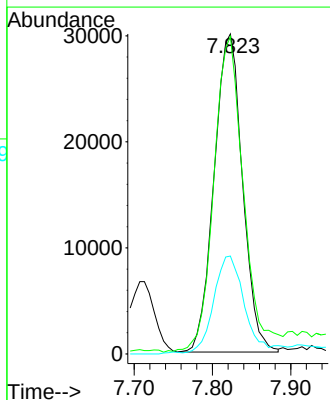
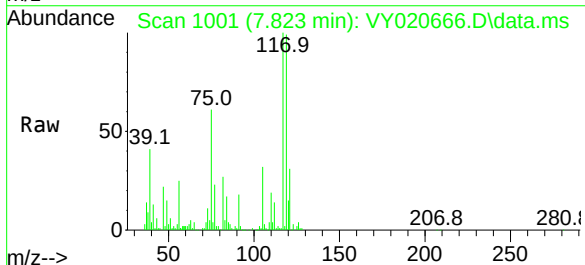


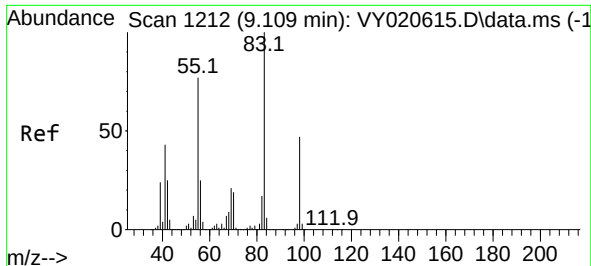
Tgt Ion: 43 Resp: 26953
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.4
70 10.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.399 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 117 Resp: 75634
Ion Ratio Lower Upper
117 100
119 98.4 78.3 117.5
121 30.3 25.1 37.7





#39

Methylcyclohexane

Concen: 22.028 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

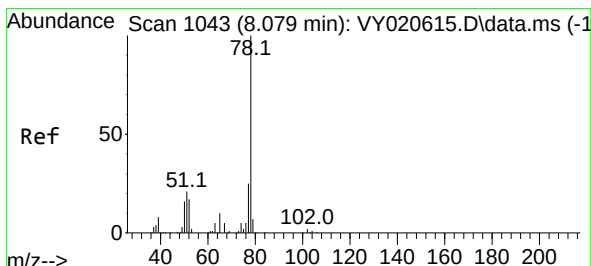
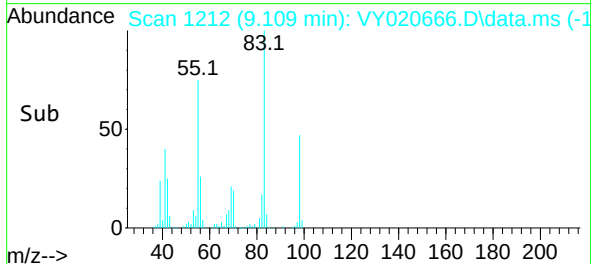
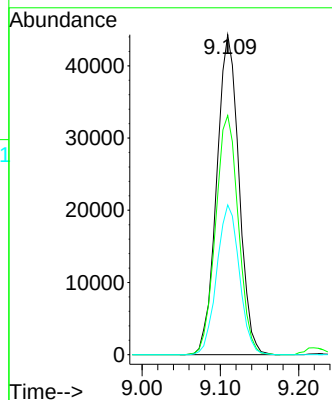
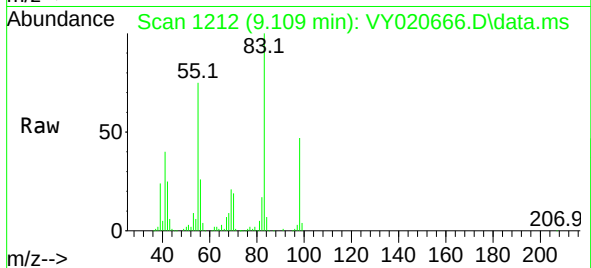
Tgt Ion: 83 Resp: 87624

Ion Ratio Lower Upper

83 100

55 74.7 61.4 92.0

98 46.8 37.3 55.9



#40

Benzene

Concen: 22.058 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020666.D

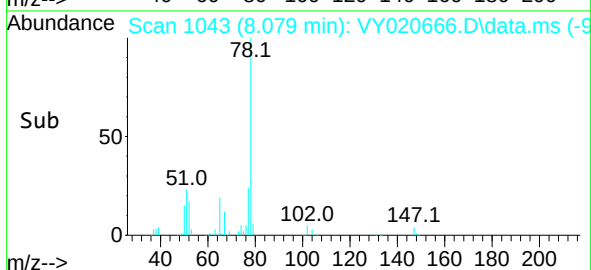
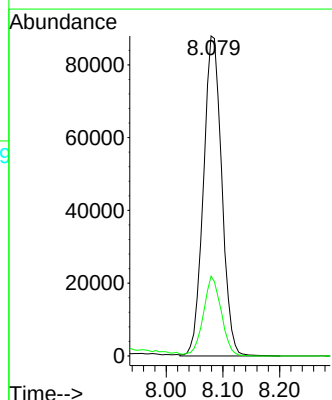
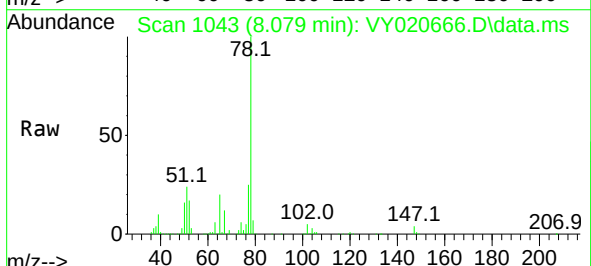
Acq: 20 Dec 2024 13:12

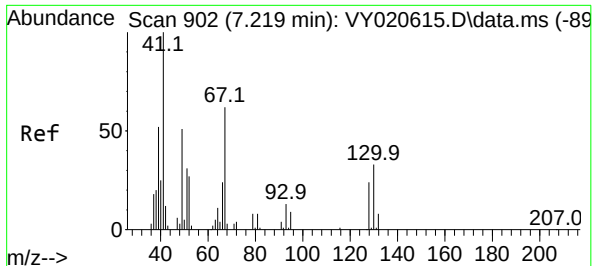
Tgt Ion: 78 Resp: 197331

Ion Ratio Lower Upper

78 100

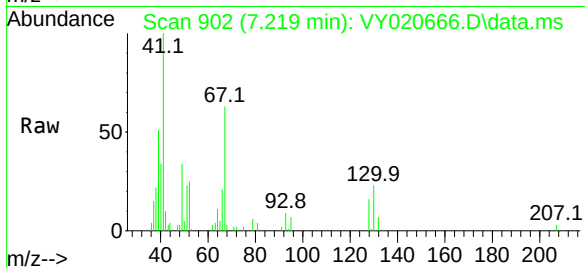
77 24.9 20.1 30.1



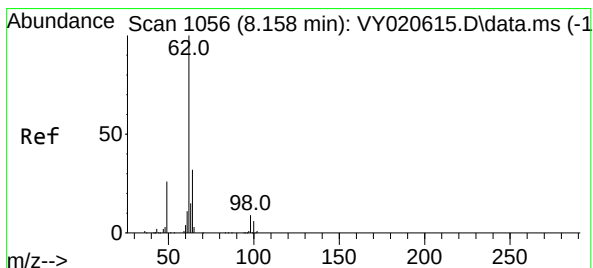
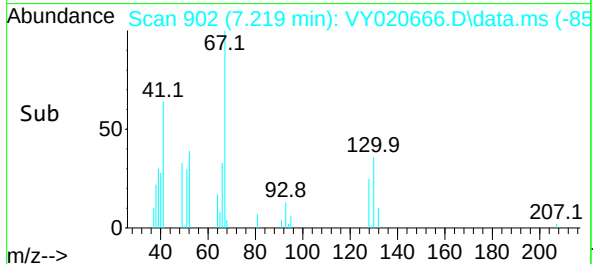
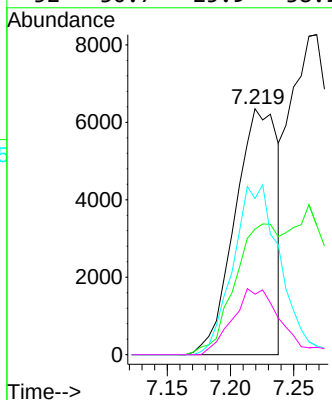


#41
Methacrylonitrile
Concen: 19.610 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

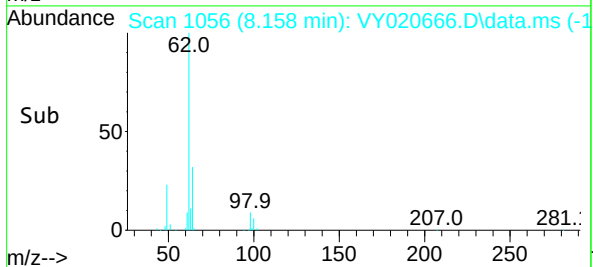
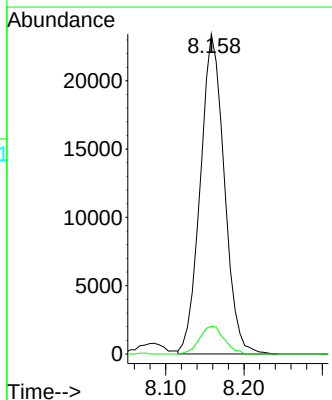
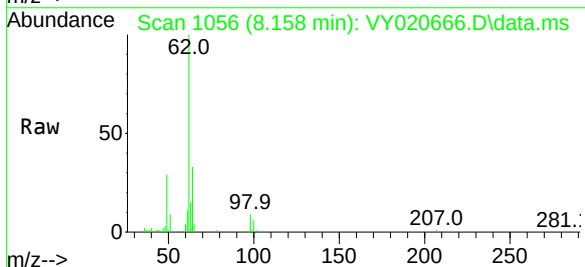


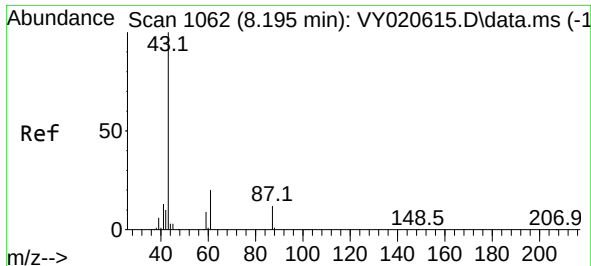
Tgt Ion:	41	Resp:	14883
Ion	Ratio	Lower	Upper
41	100		
39	54.3	53.6	80.4
67	76.1	62.0	93.0
52	30.7	25.9	38.9



#42
1,2-Dichloroethane
Concen: 20.991 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

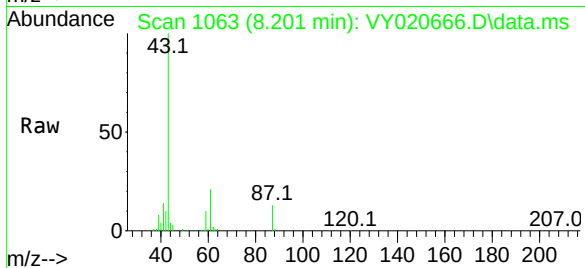
Tgt Ion:	62	Resp:	49803
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



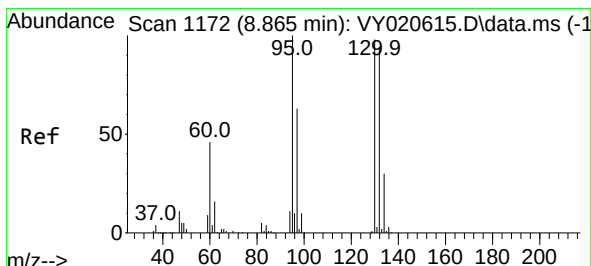
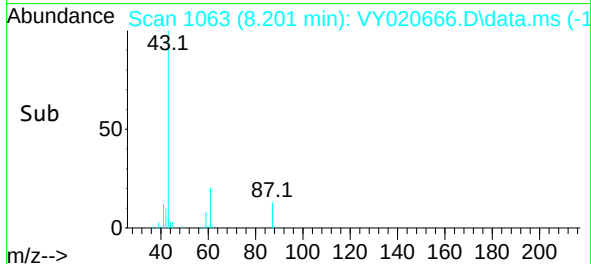
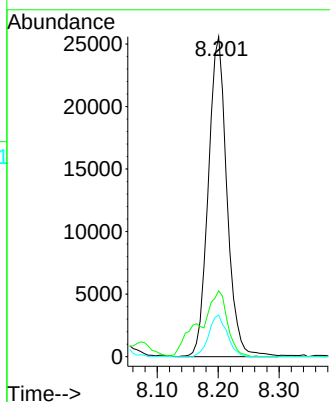


#43
Isopropyl Acetate
Concen: 19.989 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

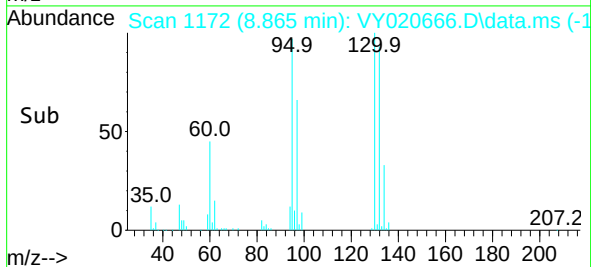
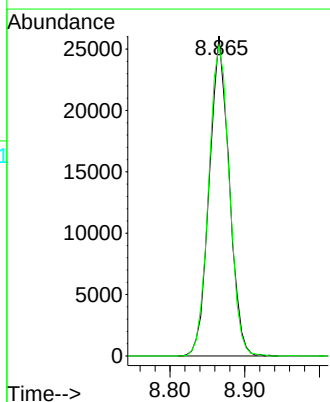
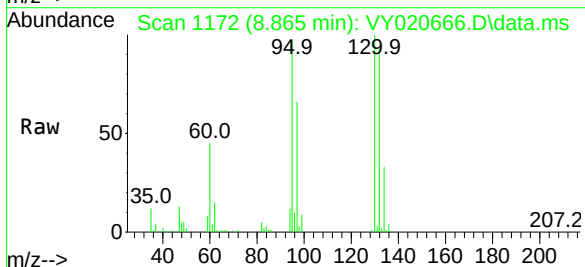


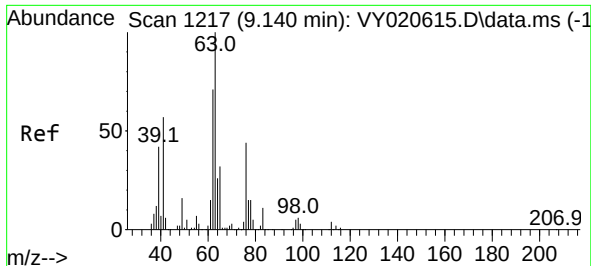
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.8	35.6
87	12.8	10.2	15.4



#44
Trichloroethene
Concen: 21.921 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	203.2





#45

1,2-Dichloropropane

Concen: 21.896 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

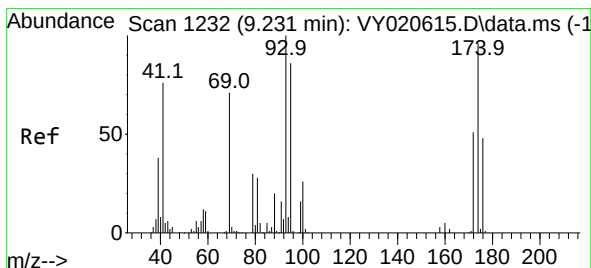
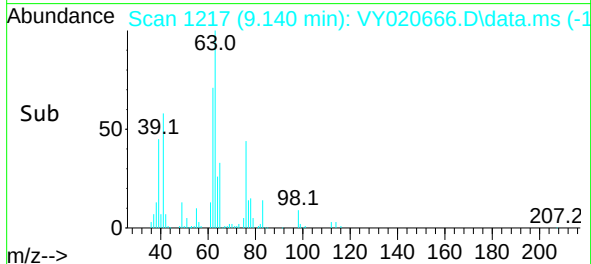
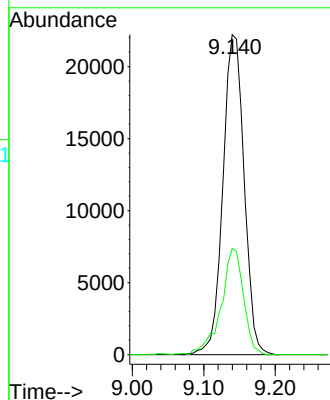
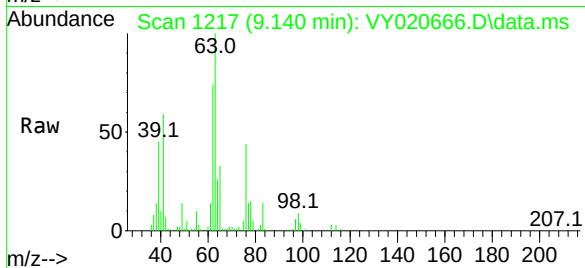
ClientSampleId :

Tgt Ion: 63 Resp: 45779

Ion Ratio Lower Upper

63 100

65 33.1 25.9 38.9



#46

Dibromomethane

Concen: 21.396 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

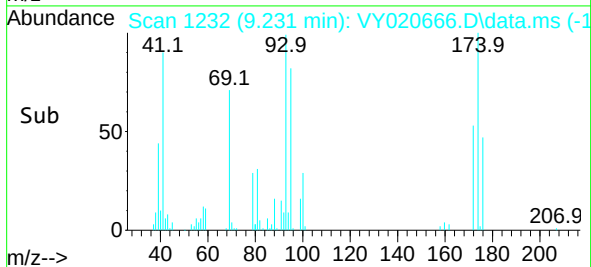
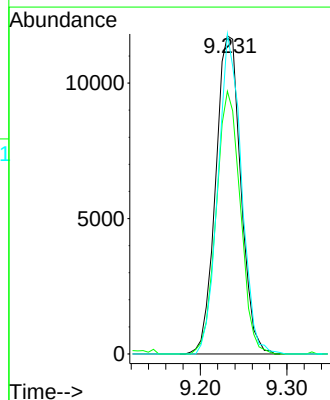
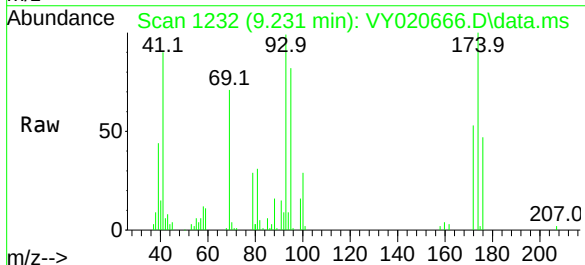
Tgt Ion: 93 Resp: 23641

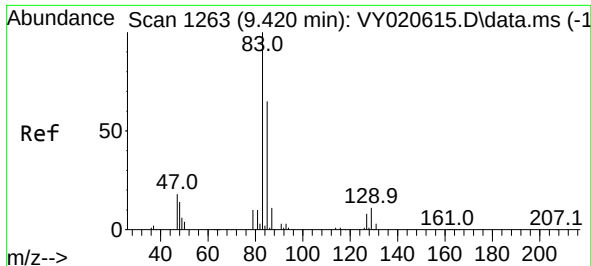
Ion Ratio Lower Upper

93 100

95 79.3 66.7 100.1

174 93.6 77.8 116.6

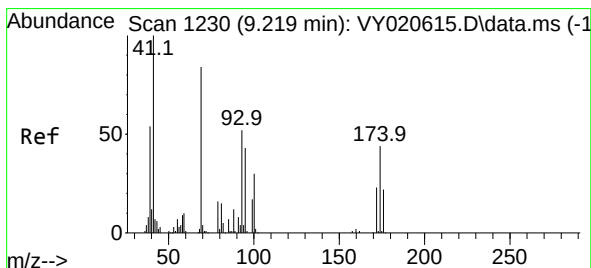
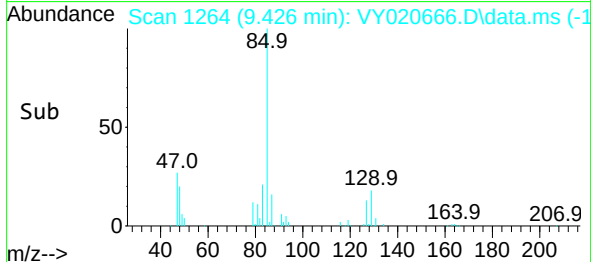
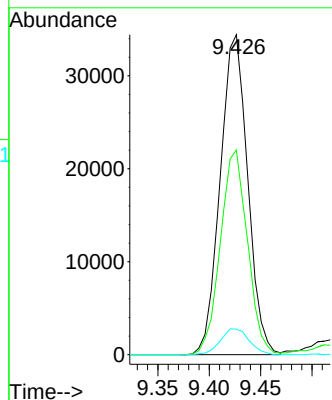
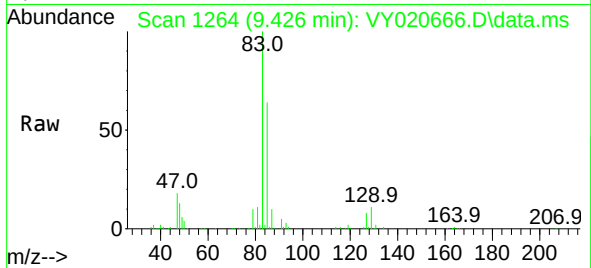




#47
Bromodichloromethane
Concen: 21.429 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

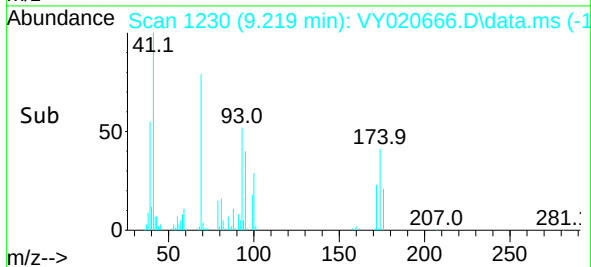
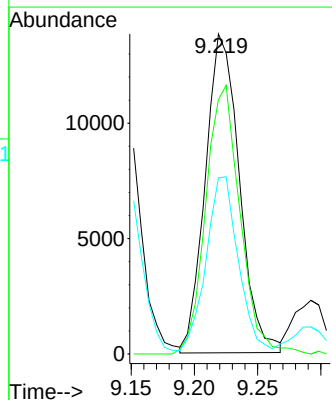
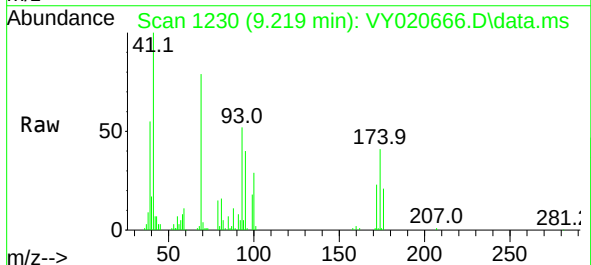
Instrument :
MSVOA_Y
ClientSampleId :

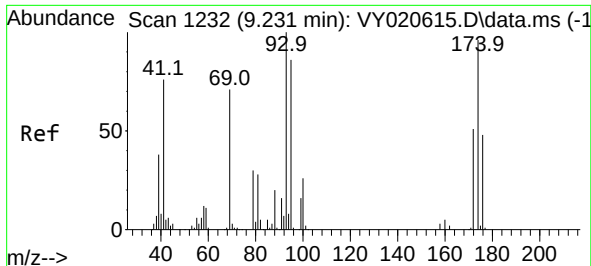
Tgt Ion: 83 Resp: 63960
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 8.0 6.7 10.1



#48
Methyl methacrylate
Concen: 20.050 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 41 Resp: 25905
Ion Ratio Lower Upper
41 100
69 84.6 67.2 100.8
39 51.4 42.2 63.4





#49

1,4-Dioxane

Concen: 370.747 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

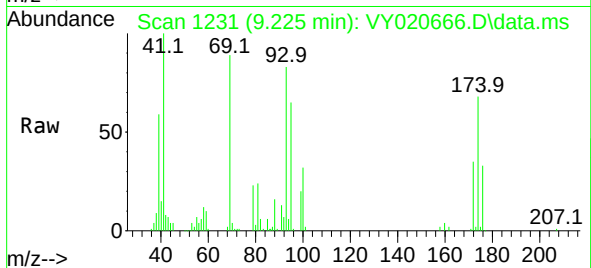
Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :



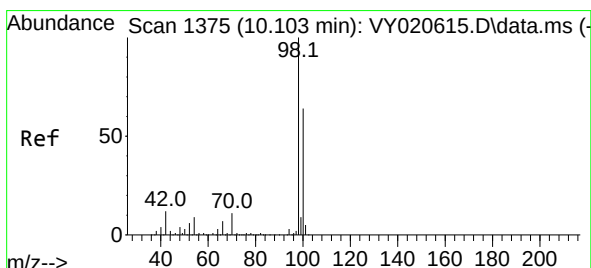
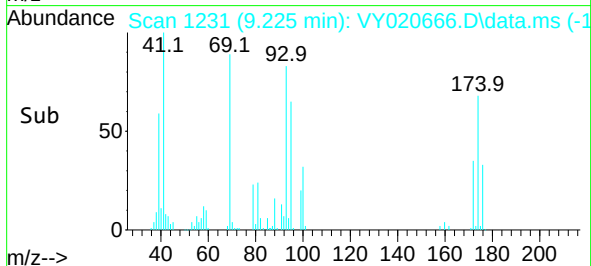
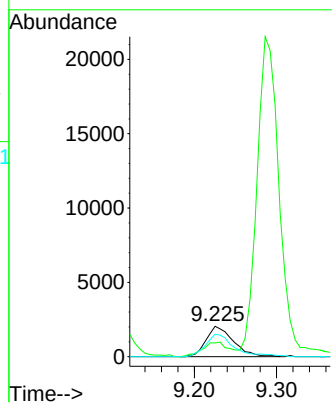
Tgt Ion: 88 Resp: 4698

Ion Ratio Lower Upper

88 100

43 45.8 27.6 41.4#

58 78.0 61.7 92.5



#50

Toluene-d8

Concen: 46.643 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020666.D

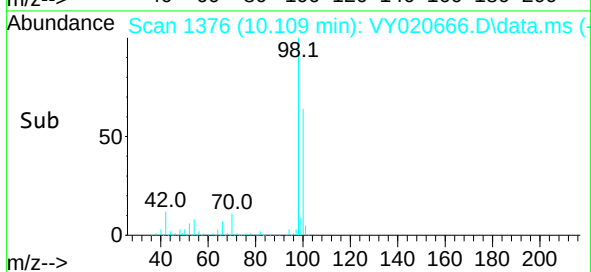
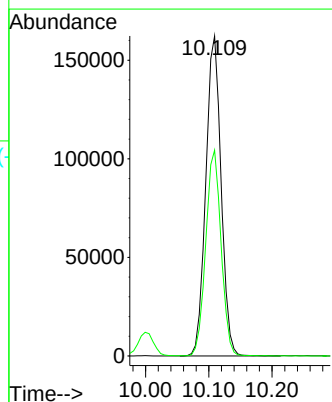
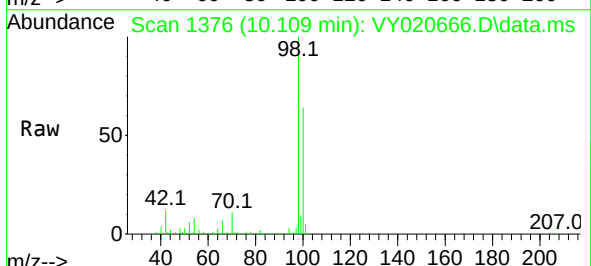
Acq: 20 Dec 2024 13:12

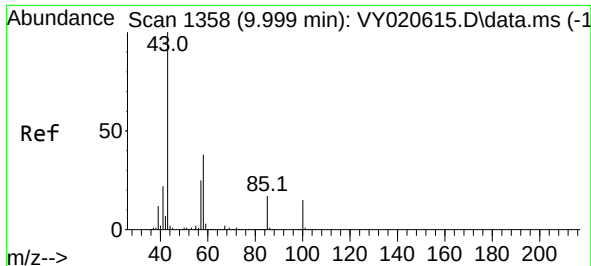
Tgt Ion: 98 Resp: 273250

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 94.726 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

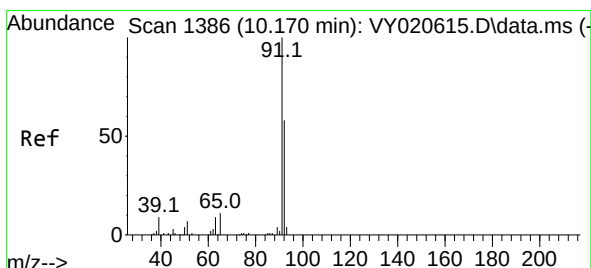
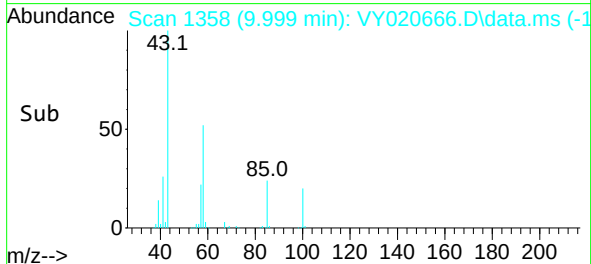
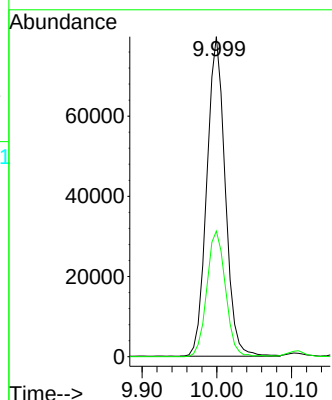
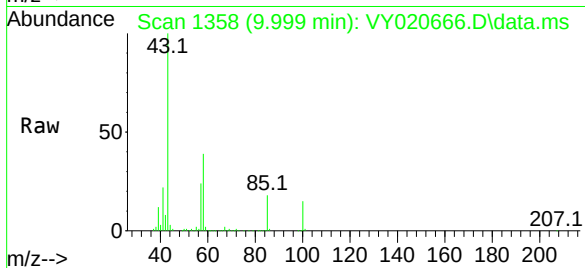
ClientSampleId :

Tgt Ion: 43 Resp: 135892

Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2



#52

Toluene

Concen: 22.055 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020666.D

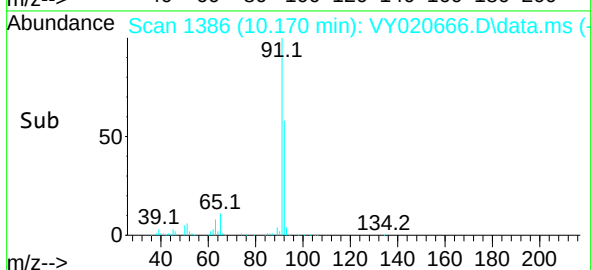
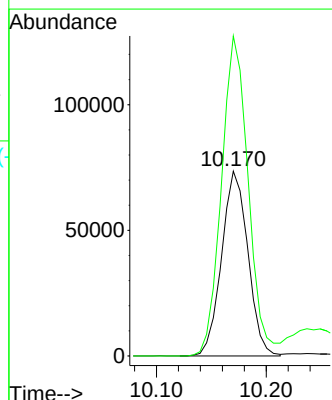
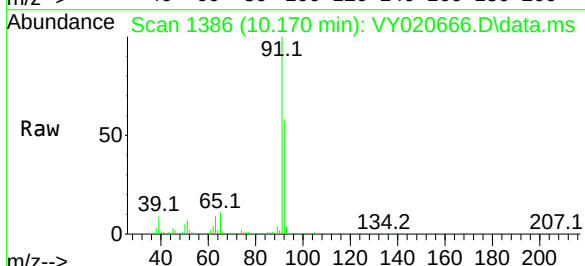
Acq: 20 Dec 2024 13:12

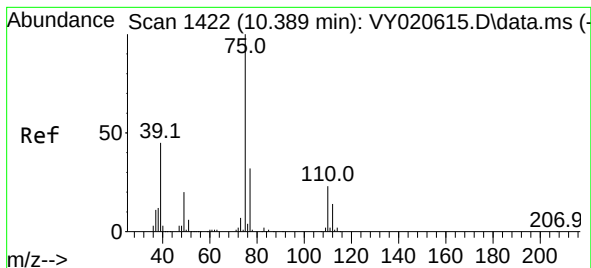
Tgt Ion: 92 Resp: 122615

Ion Ratio Lower Upper

92 100

91 175.0 137.4 206.0

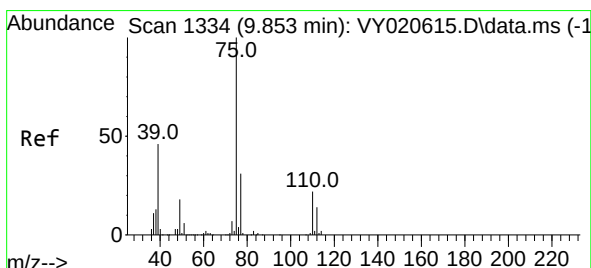
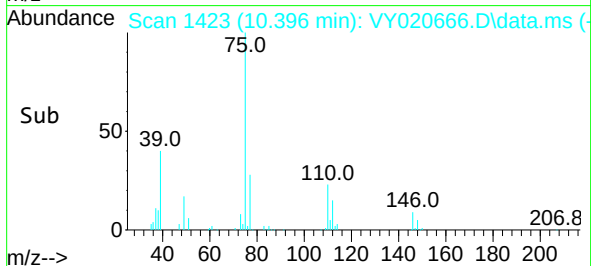
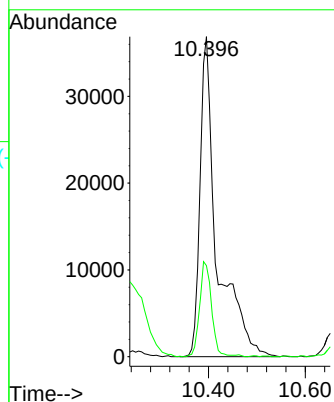
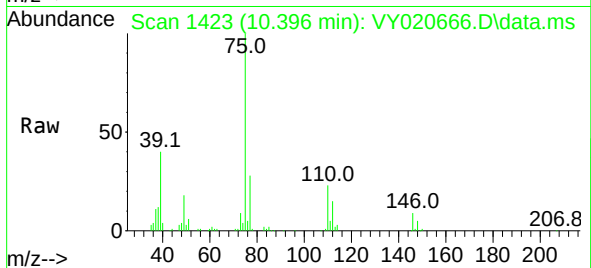




#53
t-1,3-Dichloropropene
Concen: 32.354 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

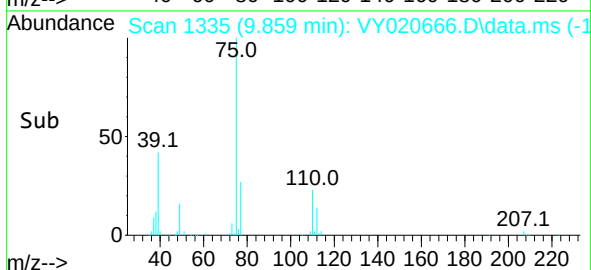
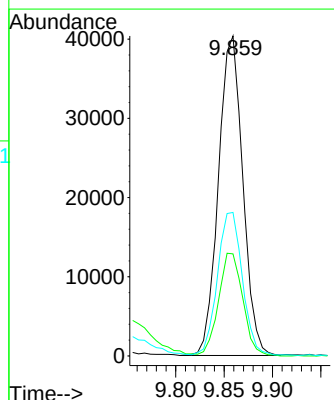
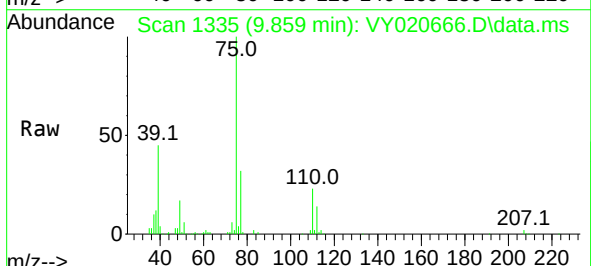
Instrument :
MSVOA_Y
ClientSampleId :

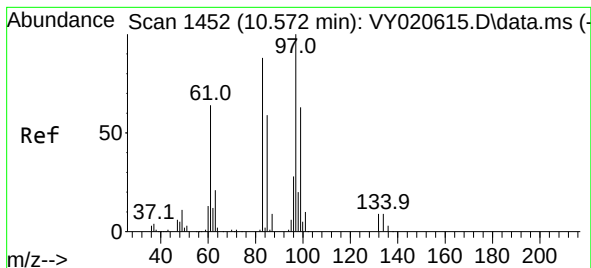
Tgt Ion: 75 Resp: 89982
Ion Ratio Lower Upper
75 100
77 28.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.413 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 75 Resp: 70570
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 44.6 36.4 54.6

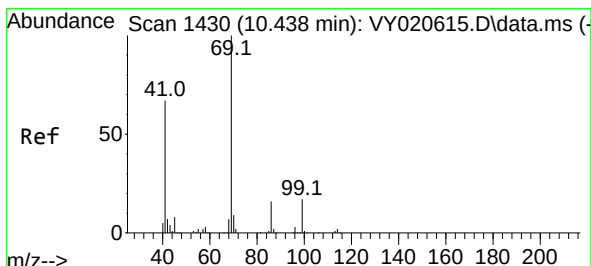
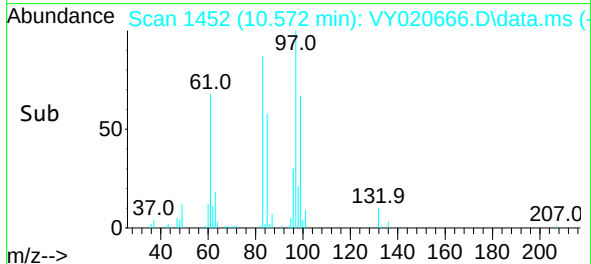
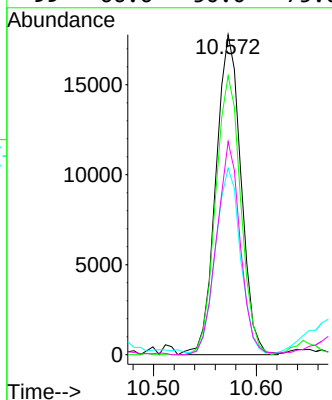
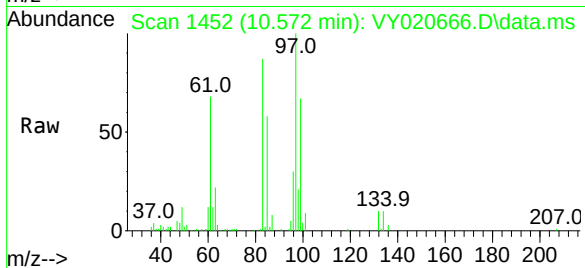




#55
1,1,2-Trichloroethane
Concen: 20.669 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

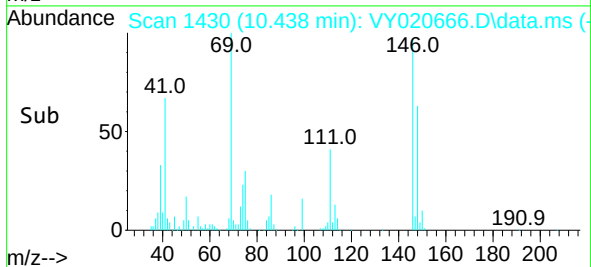
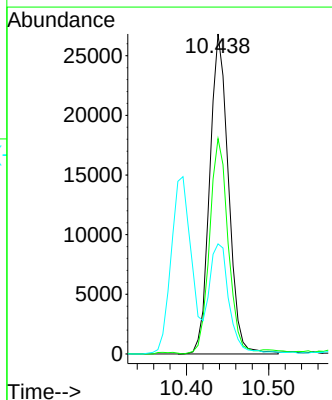
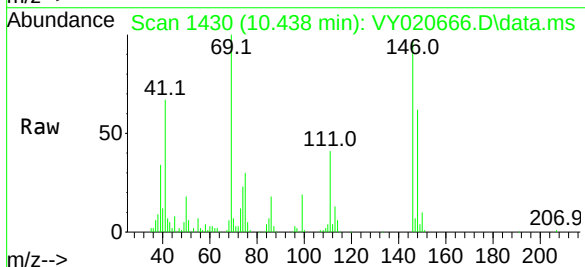
Instrument :
MSVOA_Y
ClientSampleId :

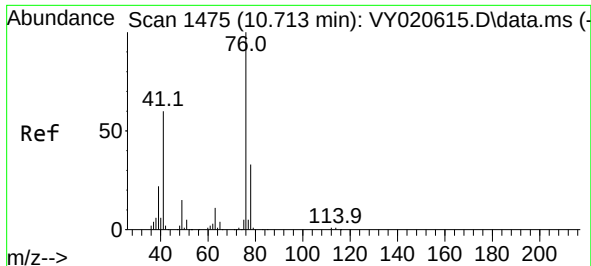
Tgt Ion:	97	Resp:	30195
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.4	105.6
85	57.7	47.2	70.8
99	66.6	50.0	75.0



#56
Ethyl methacrylate
Concen: 20.060 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion:	69	Resp:	42515
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.0	81.0
39	35.1	27.9	41.9





#57

1,3-Dichloropropane

Concen: 25.621 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

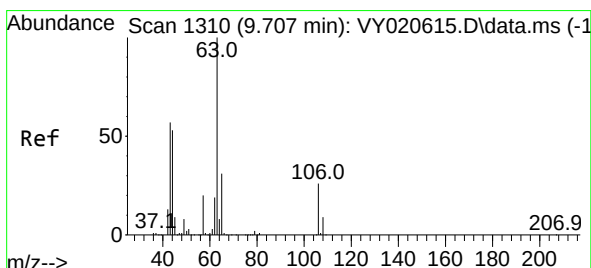
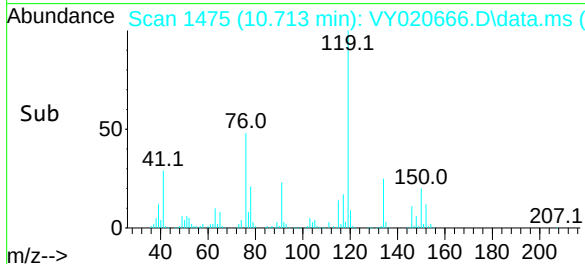
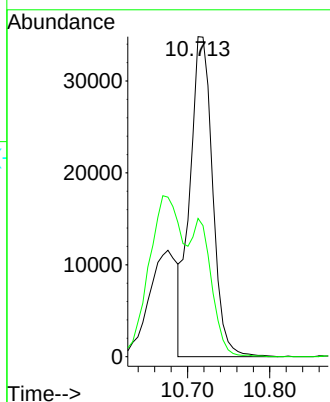
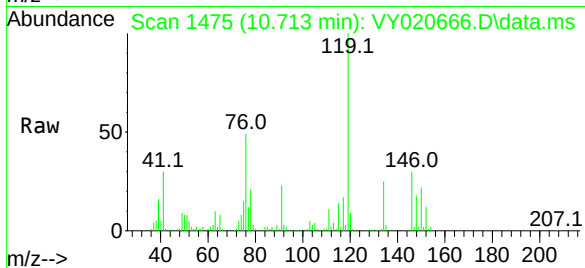
ClientSampleId :

Tgt Ion: 76 Resp: 66722

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#58

2-Chloroethyl Vinyl ether

Concen: 102.533 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY020666.D

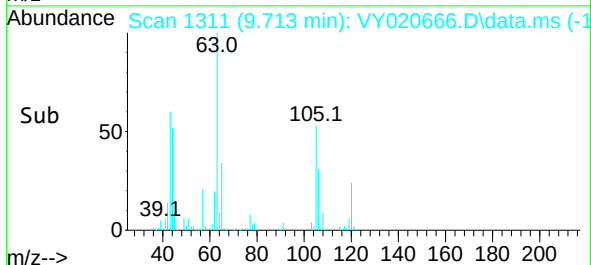
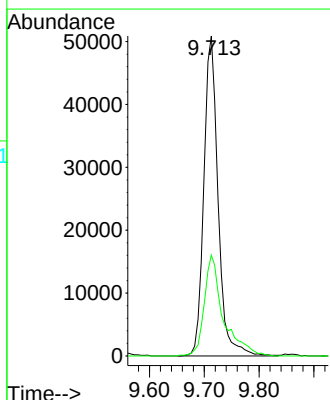
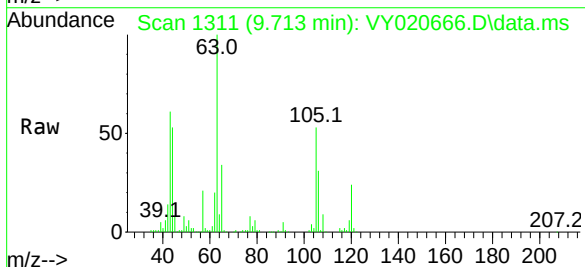
Acq: 20 Dec 2024 13:12

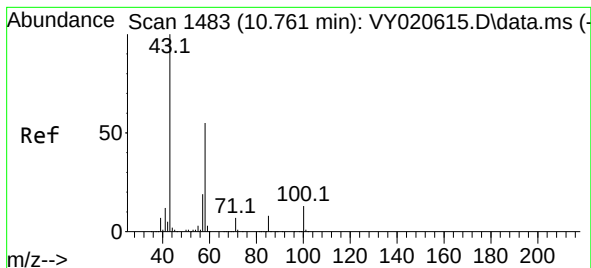
Tgt Ion: 63 Resp: 91434

Ion Ratio Lower Upper

63 100

106 42.0 21.5 32.3#

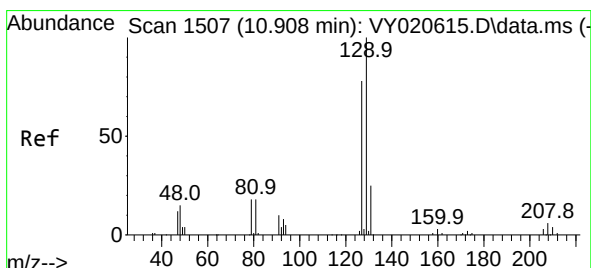
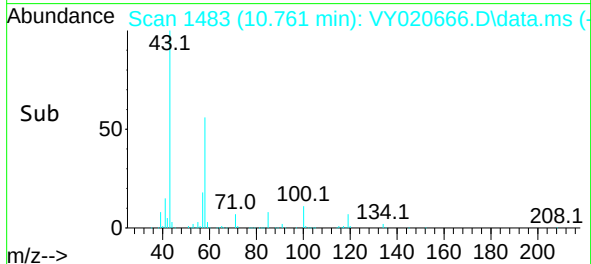
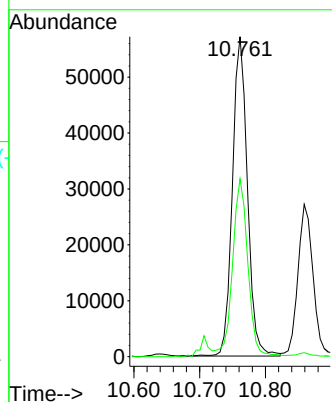
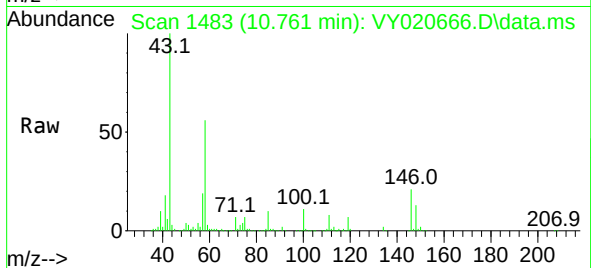




#59
2-Hexanone
Concen: 98.464 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

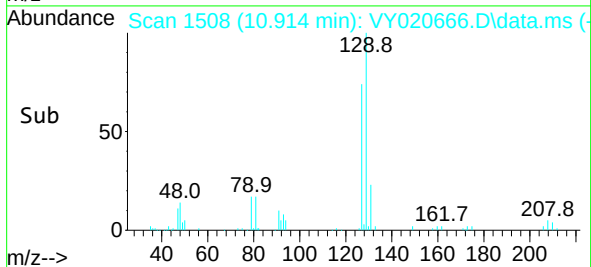
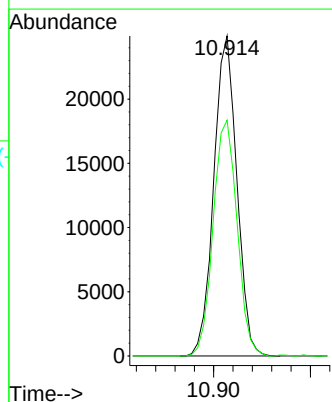
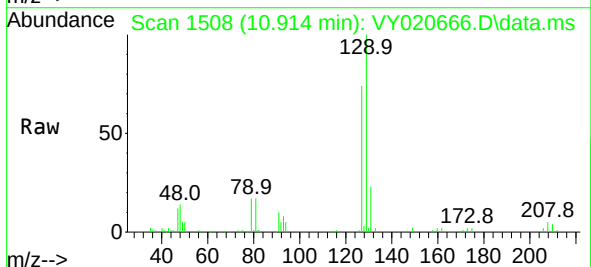
Instrument :
MSVOA_Y
ClientSampleId :

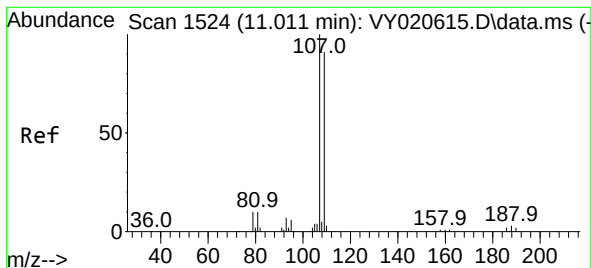
Tgt Ion: 43 Resp: 90691
Ion Ratio Lower Upper
43 100
58 56.8 27.2 81.6



#60
Dibromochloromethane
Concen: 21.080 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 129 Resp: 41185
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.3

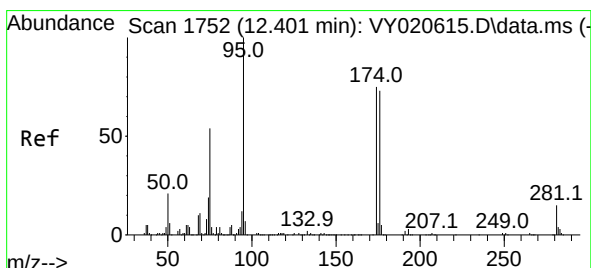
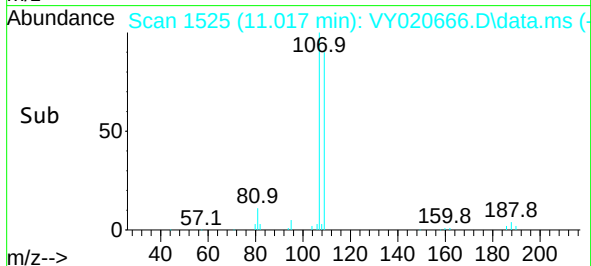
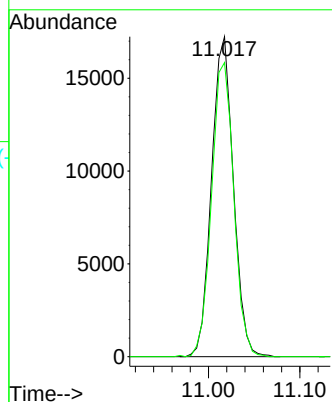
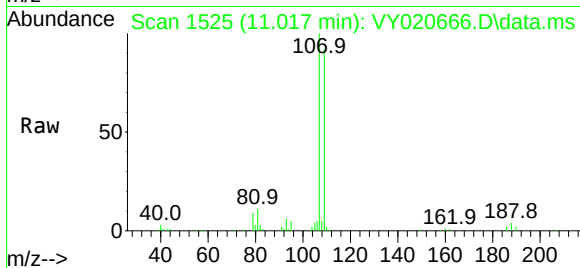




#61
1,2-Dibromoethane
Concen: 21.018 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

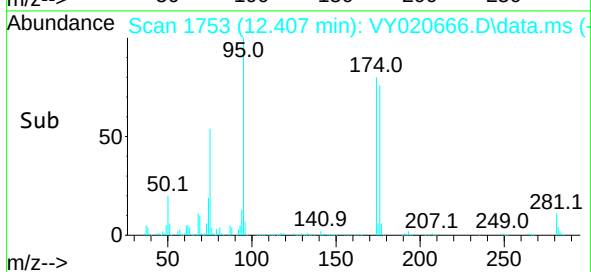
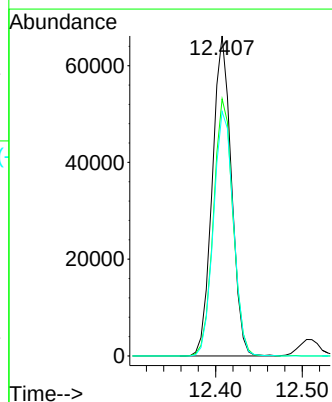
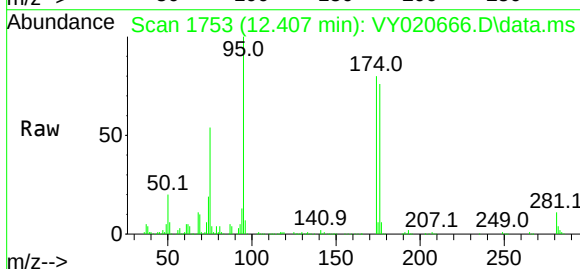
Instrument :
MSVOA_Y
ClientSampleId :

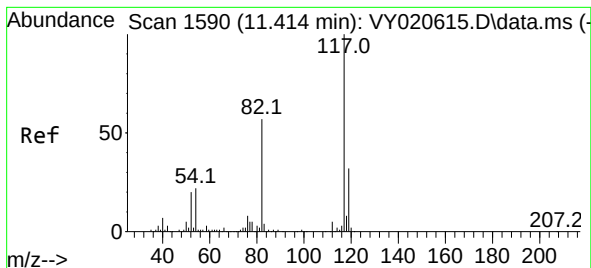
Tgt Ion:107 Resp: 28561
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 44.220 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion: 95 Resp: 101336
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 79.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

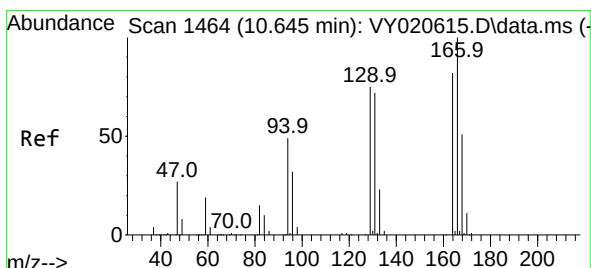
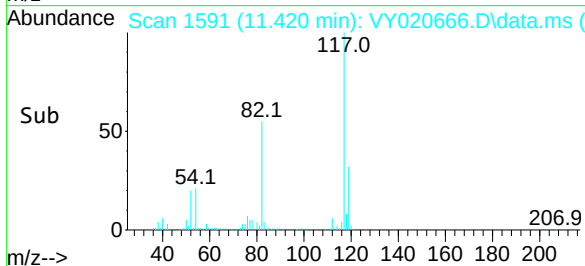
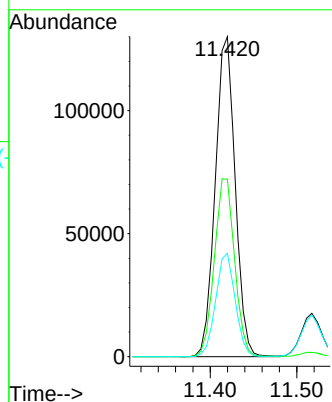
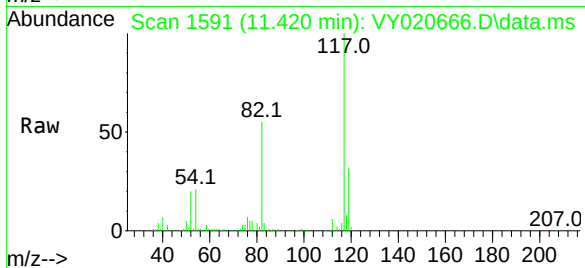
Tgt Ion:117 Resp: 207752

Ion Ratio Lower Upper

117 100

82 55.4 45.8 68.6

119 32.4 25.3 37.9



#64

Tetrachloroethene

Concen: 21.919 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Tgt Ion:164 Resp: 42833

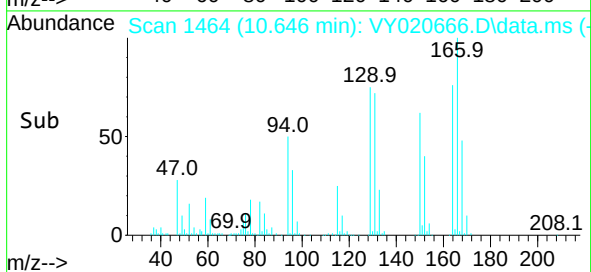
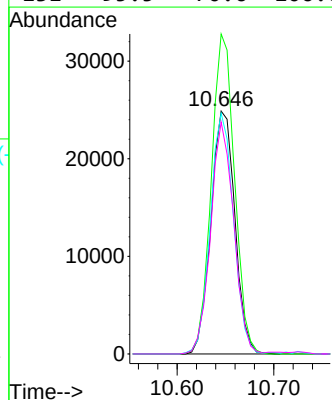
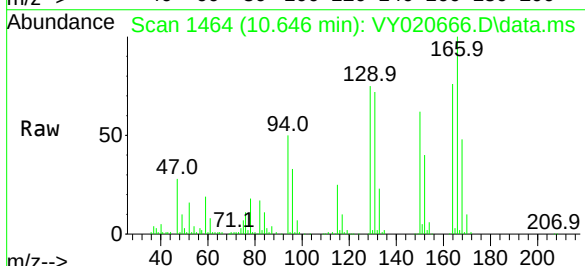
Ion Ratio Lower Upper

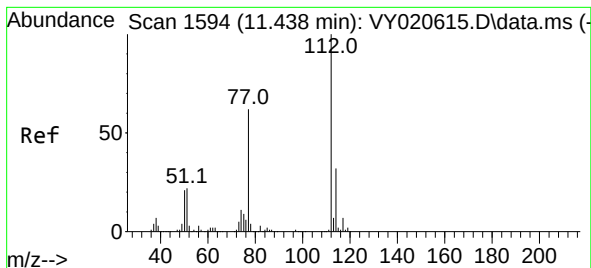
164 100

166 131.8 97.9 146.9

129 99.2 73.4 110.0

131 95.5 70.6 106.0





#65

Chlorobenzene

Concen: 22.264 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

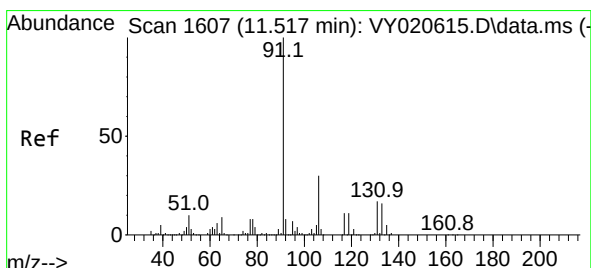
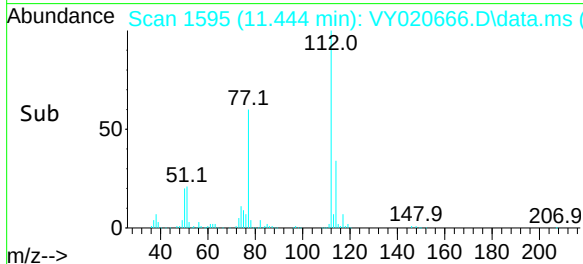
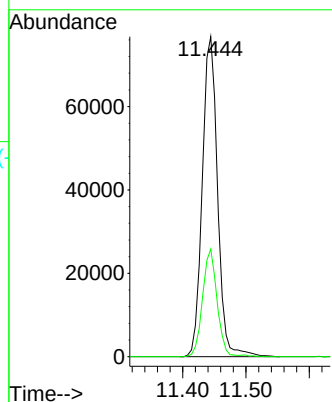
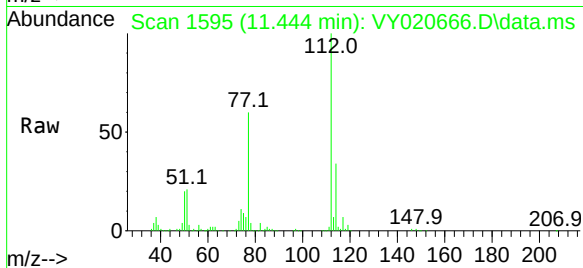
ClientSampleId :

Tgt Ion:112 Resp: 129331

Ion Ratio Lower Upper

112 100

114 33.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.675 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

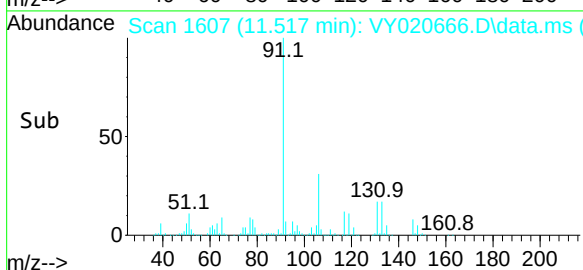
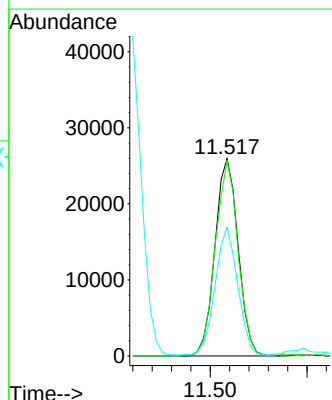
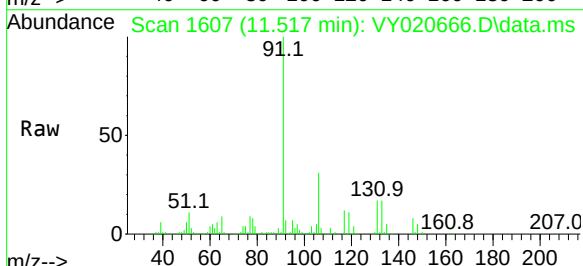
Tgt Ion:131 Resp: 43055

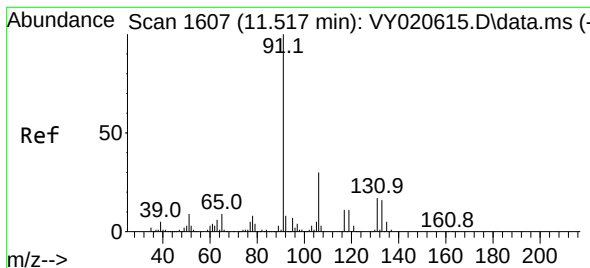
Ion Ratio Lower Upper

131 100

133 97.1 46.8 140.3

119 64.4 31.8 95.3





#67

Ethyl Benzene

Concen: 22.248 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

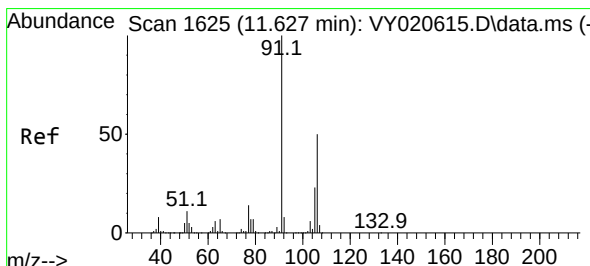
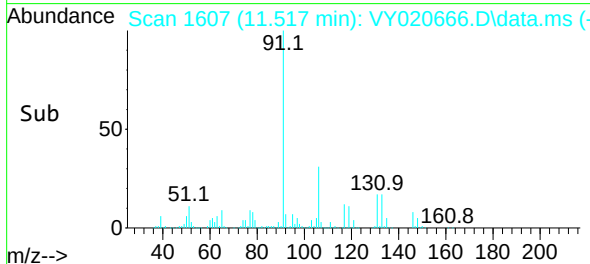
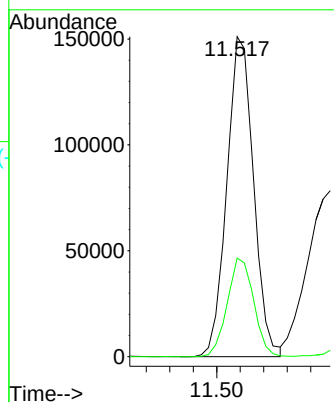
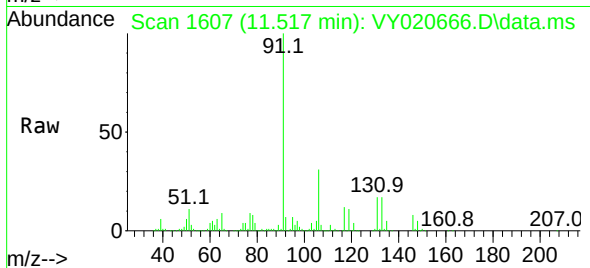
ClientSampleId :

Tgt Ion: 91 Resp: 238433

Ion Ratio Lower Upper

91 100

106 30.8 23.9 35.9



#68

m/p-Xylenes

Concen: 44.684 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020666.D

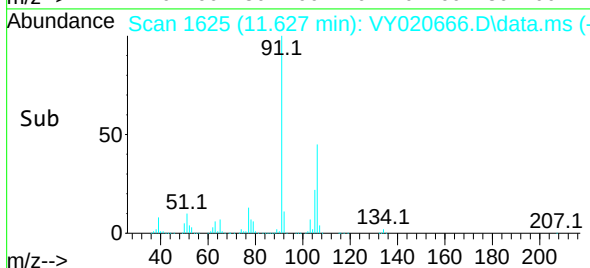
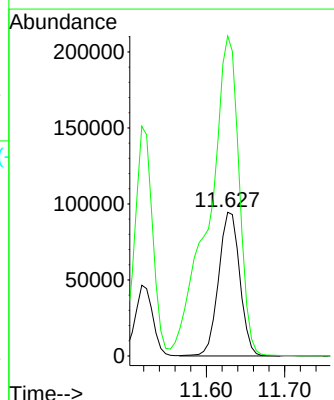
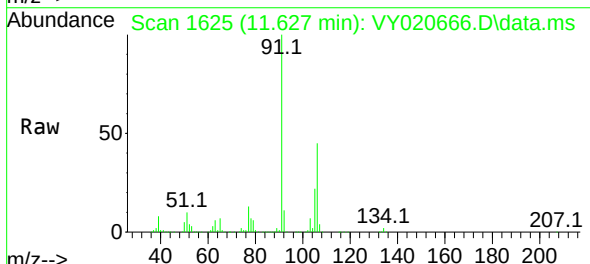
Acq: 20 Dec 2024 13:12

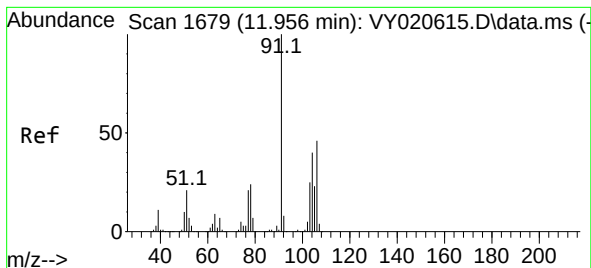
Tgt Ion:106 Resp: 178050

Ion Ratio Lower Upper

106 100

91 314.7 165.0 247.4#





#69

o-Xylene

Concen: 22.185 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

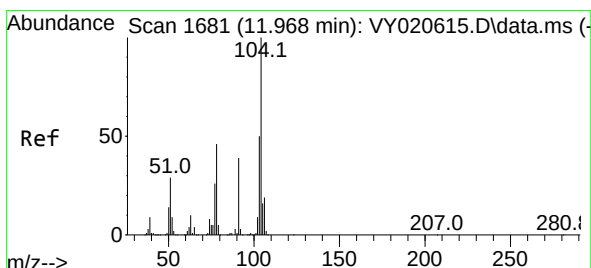
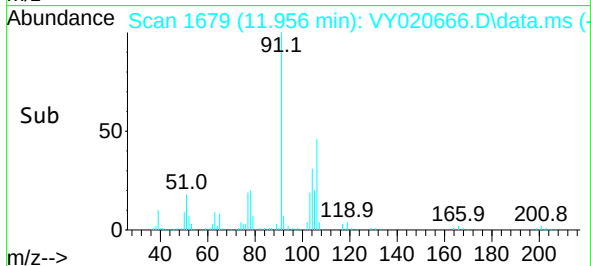
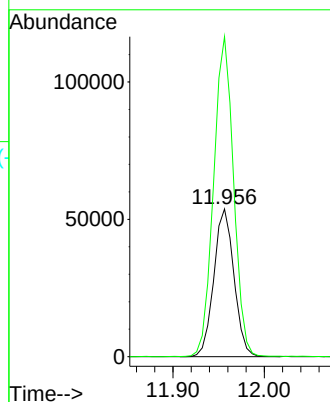
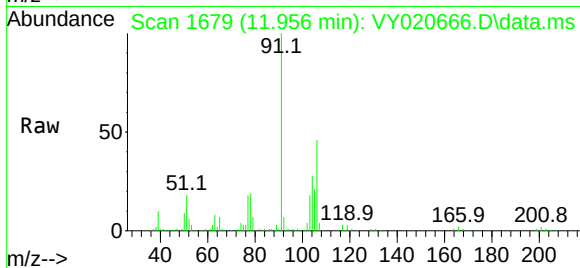
ClientSampleId :

Tgt Ion:106 Resp: 82478

Ion Ratio Lower Upper

106 100

91 215.3 108.4 325.2



#70

Styrene

Concen: 21.974 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

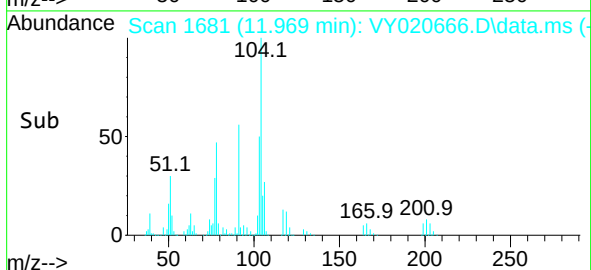
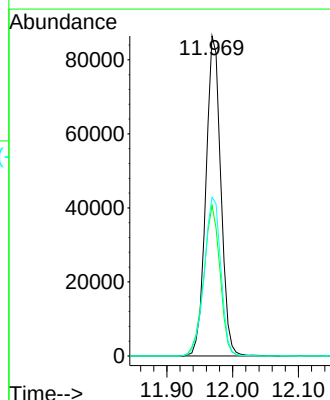
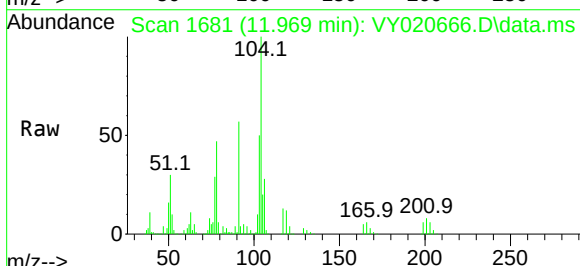
Tgt Ion:104 Resp: 136494

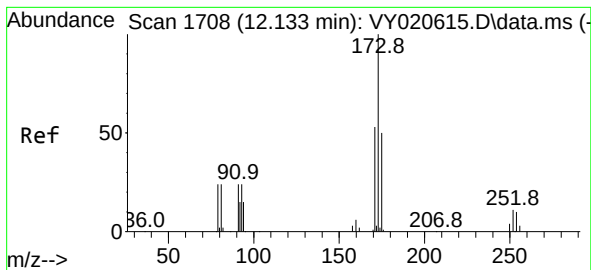
Ion Ratio Lower Upper

104 100

78 51.3 41.6 62.4

103 54.9 43.7 65.5





#71

Bromoform

Concen: 20.889 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

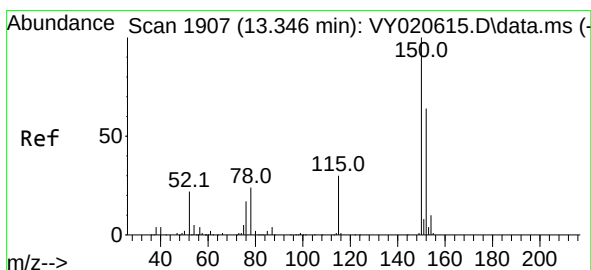
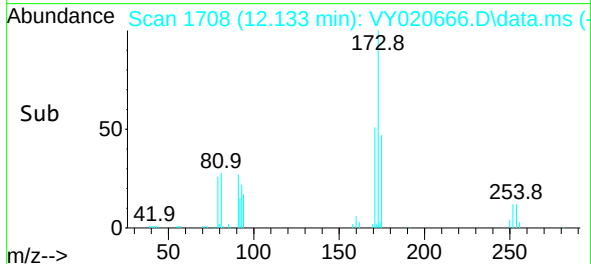
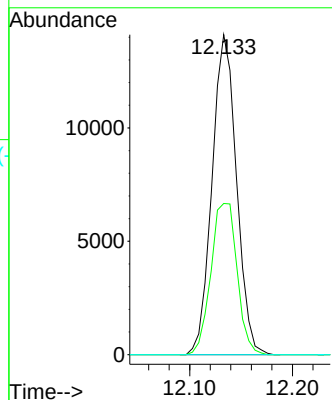
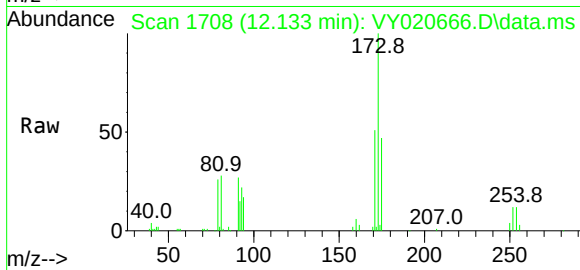
Tgt Ion:173 Resp: 23329

Ion Ratio Lower Upper

173 100

175 50.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

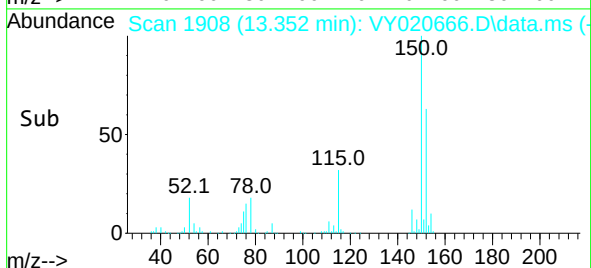
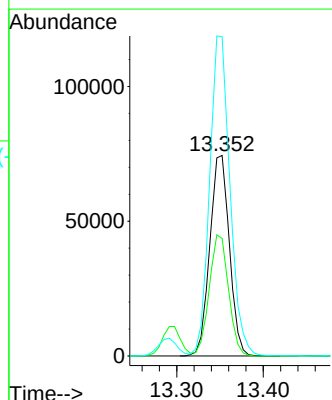
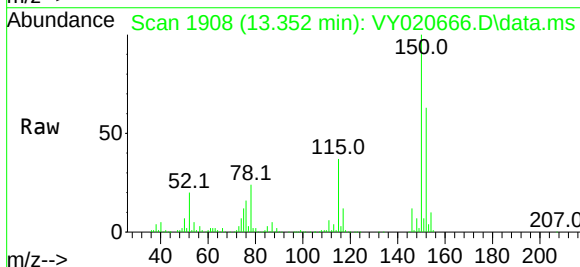
Tgt Ion:152 Resp: 116933

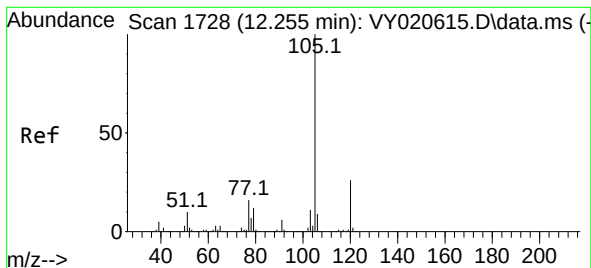
Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 165.3 0.0 355.4





#73

Isopropylbenzene

Concen: 21.727 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

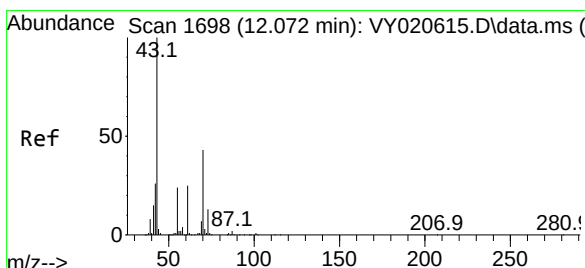
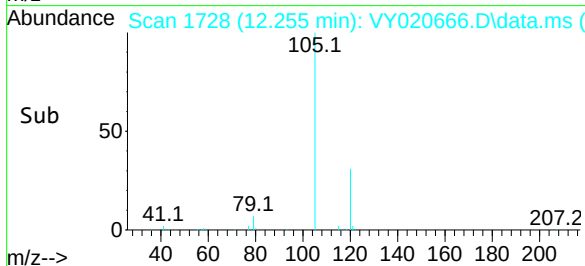
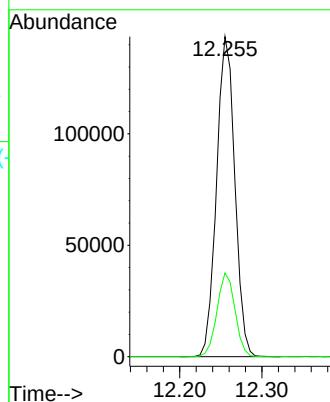
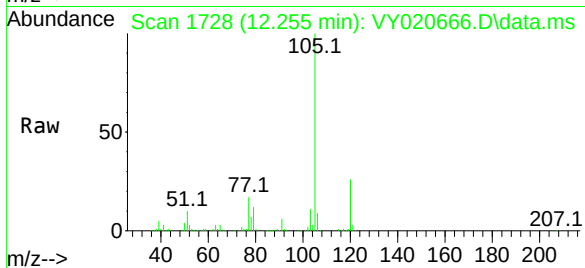
ClientSampleId :

Tgt Ion:105 Resp: 221703

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 20.036 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Tgt Ion: 43 Resp: 47848

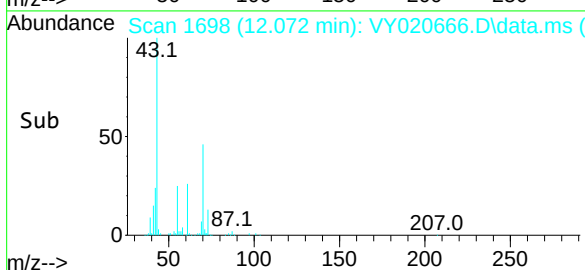
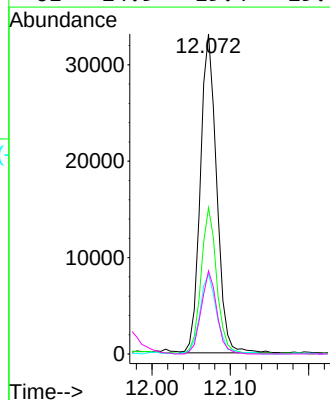
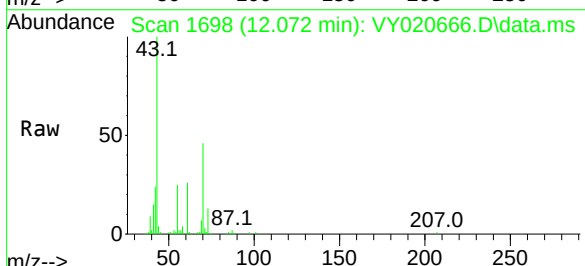
Ion Ratio Lower Upper

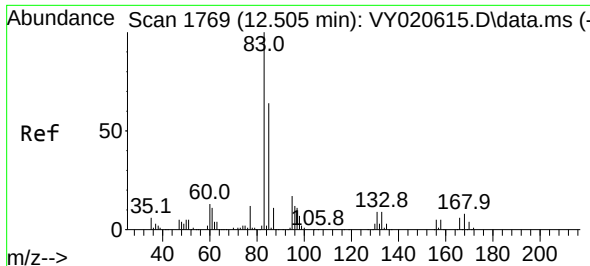
43 100

70 44.5 34.2 51.2

55 26.1 19.6 29.4

61 24.9 19.4 29.0

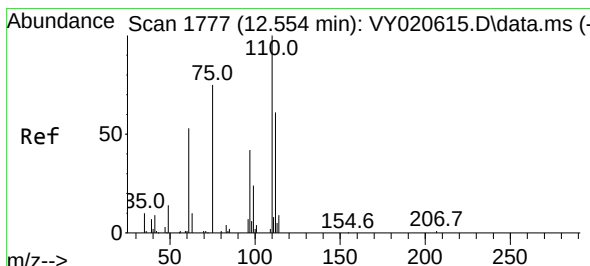
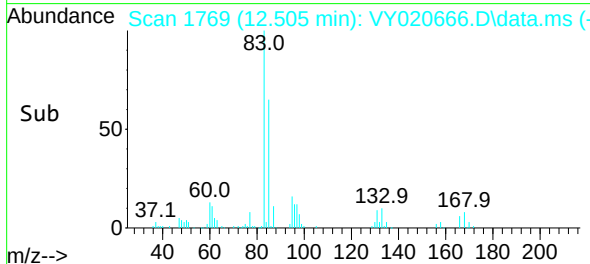
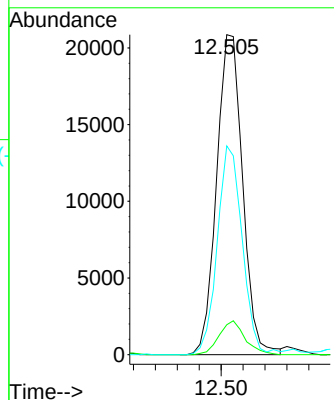
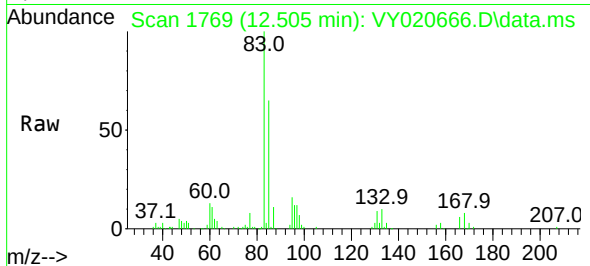




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.778 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

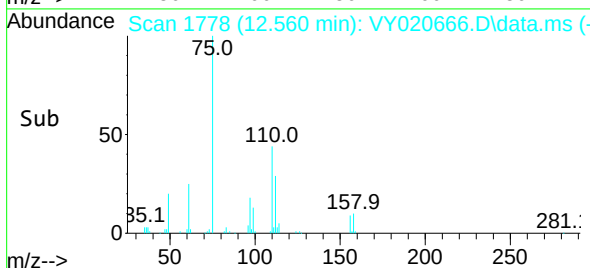
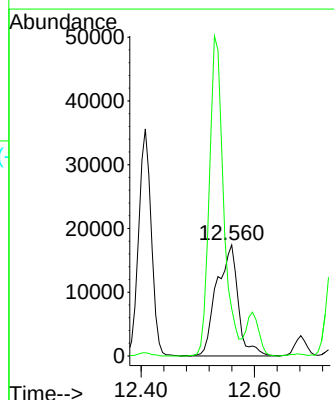
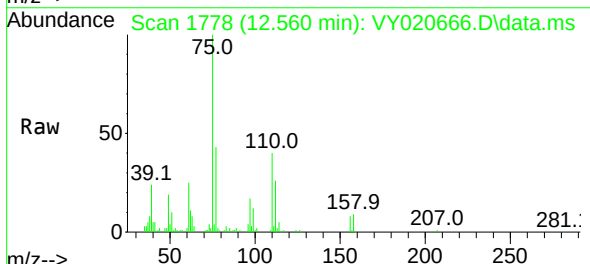
Instrument :
 MSVOA_Y
 ClientSampleId :

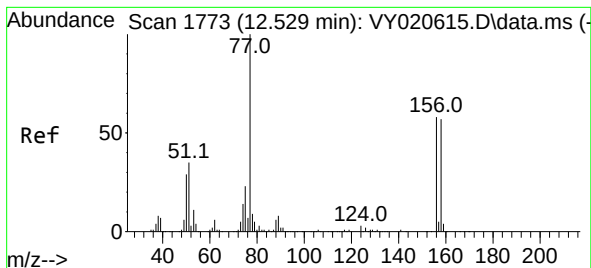
Tgt Ion: 83 Resp: 34416
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.2 15.6
 85 62.7 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 37.617 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY020666.D
 Acq: 20 Dec 2024 13:12

Tgt Ion: 75 Resp: 45694
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.282 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020666.D

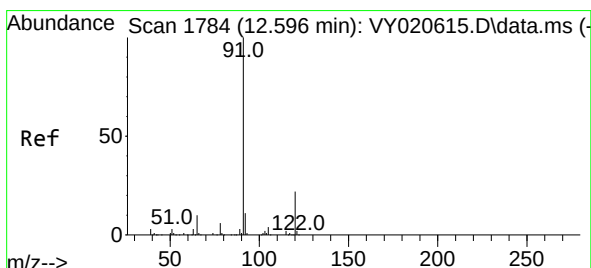
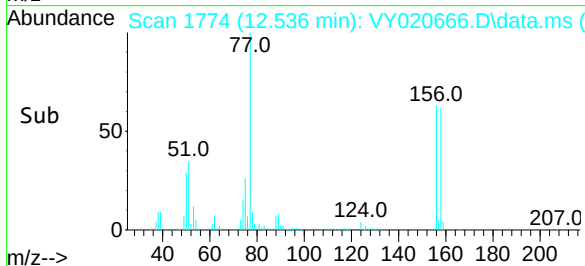
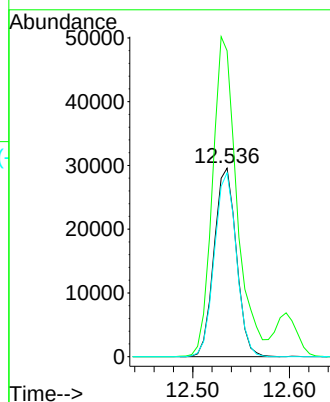
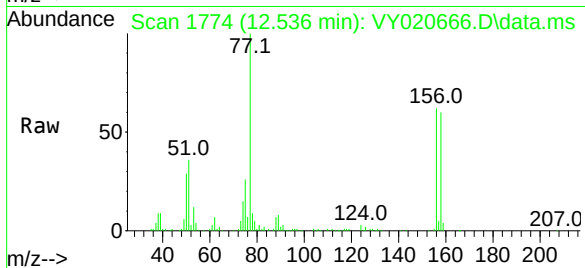
Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	47306
Ion Ratio	Lower	Upper	
156	100		
77	185.1	94.2	282.4
158	96.5	48.9	146.6



#78

n-propylbenzene

Concen: 21.981 ug/l

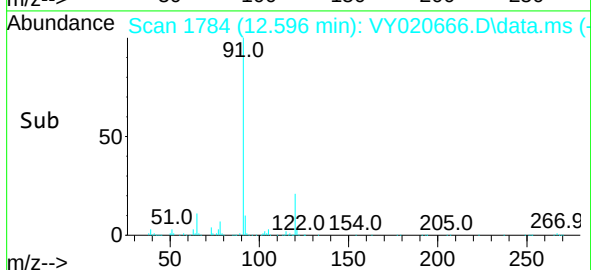
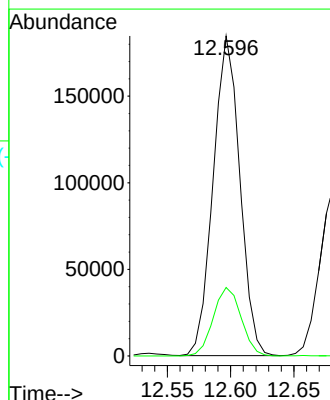
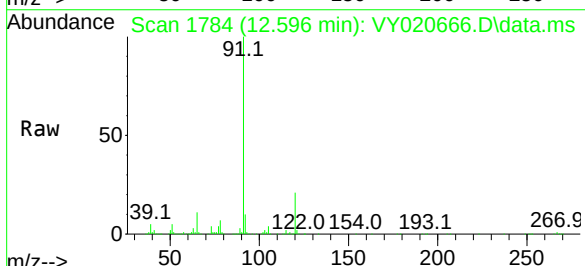
RT: 12.596 min Scan# 1784

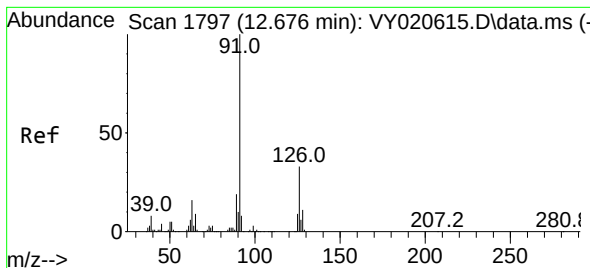
Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Tgt Ion:	91	Resp:	270238
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





#79

2-Chlorotoluene

Concen: 21.727 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

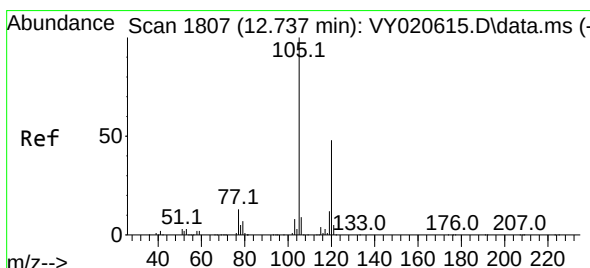
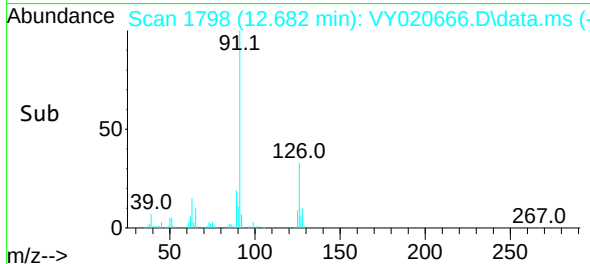
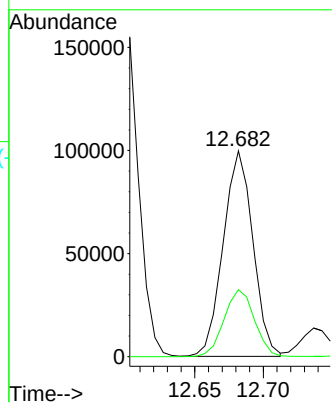
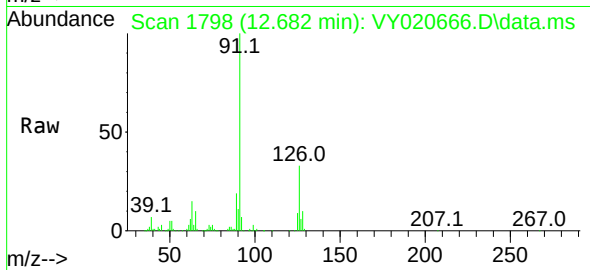
ClientSampleId :

Tgt Ion: 91 Resp: 150281

Ion Ratio Lower Upper

91 100

126 33.4 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 21.827 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020666.D

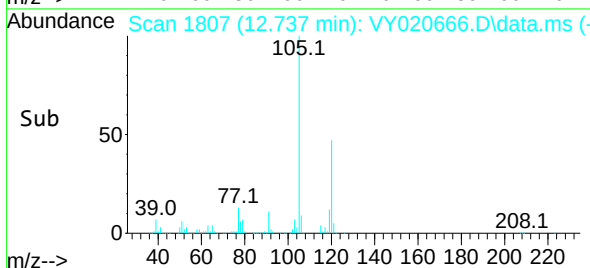
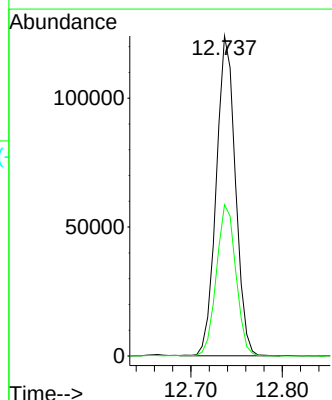
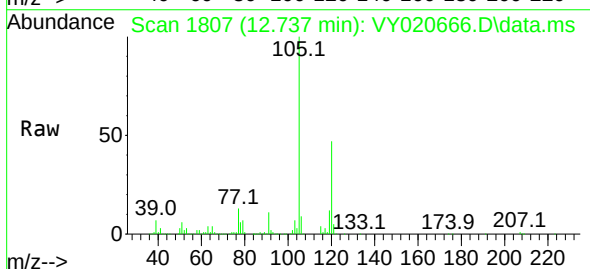
Acq: 20 Dec 2024 13:12

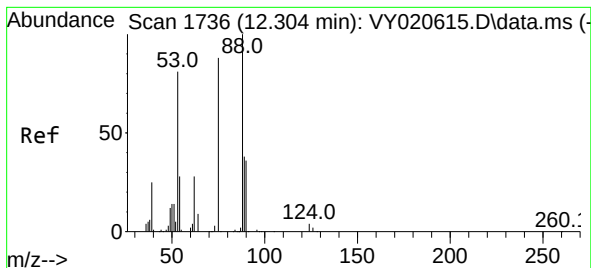
Tgt Ion:105 Resp: 180725

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

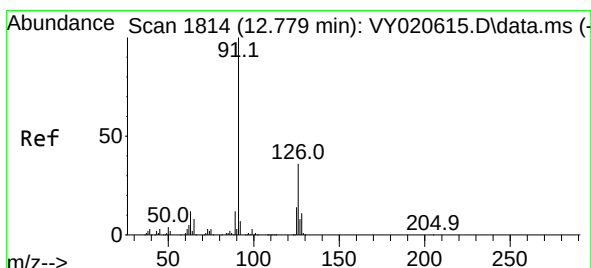
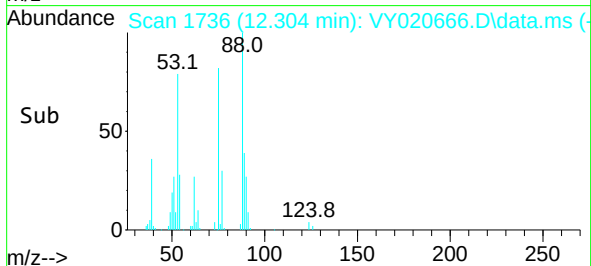
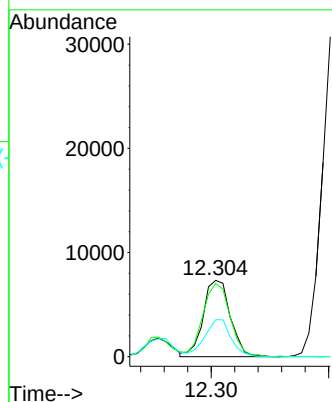
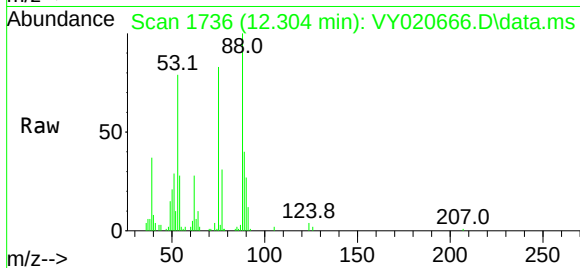




#81
trans-1,4-Dichloro-2-butene
Concen: 20.297 ug/l
RT: 12.304 min Scan# 11746
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

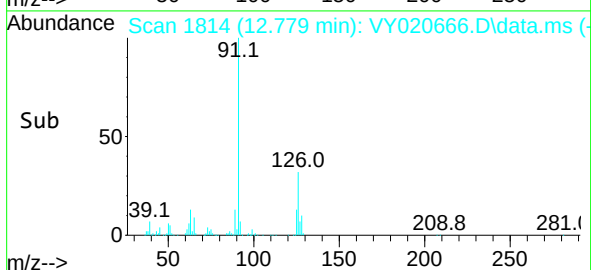
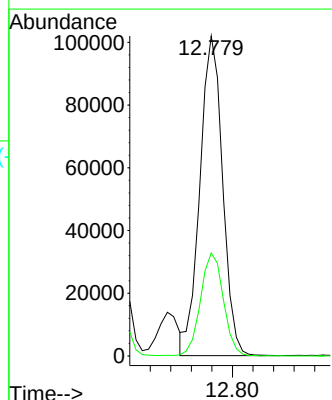
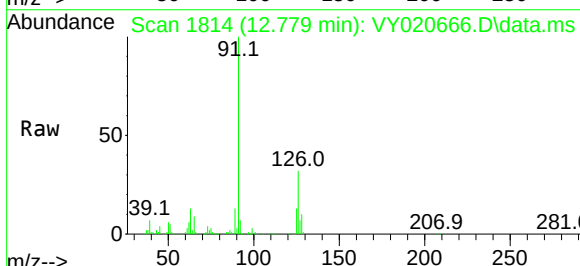
Instrument :
MSVOA_Y
ClientSampleId :

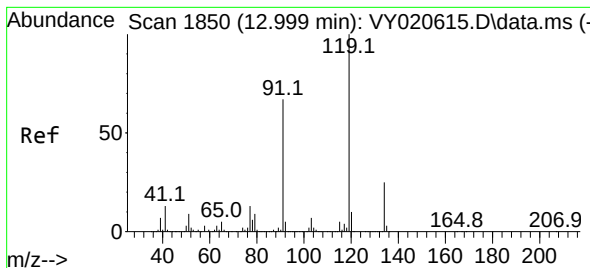
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.4	75.4	113.2
89	46.6	37.0	55.4



#82
4-Chlorotoluene
Concen: 21.784 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.7





#83

tert-Butylbenzene

Concen: 20.934 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

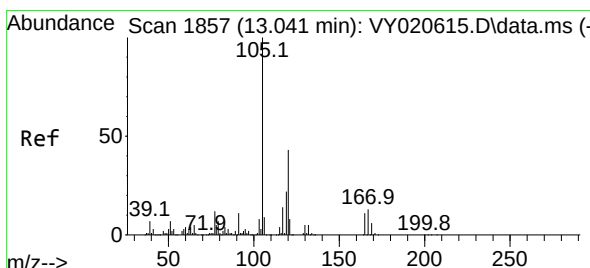
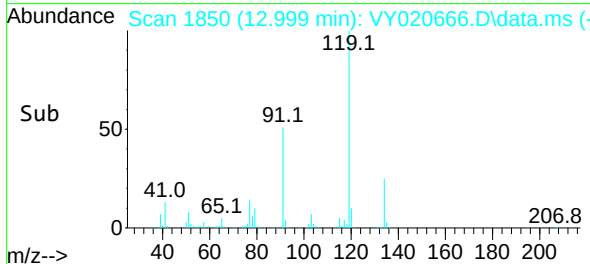
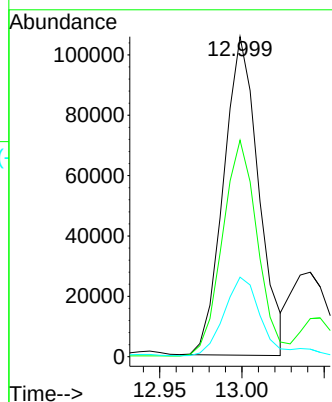
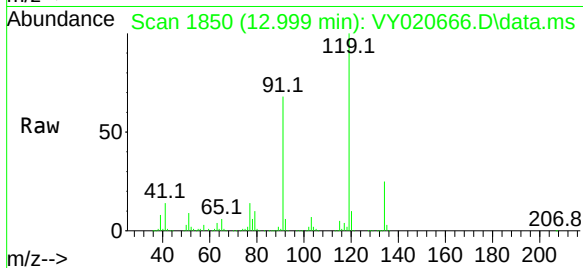
Tgt Ion:119 Resp: 156978

Ion Ratio Lower Upper

119 100

91 68.0 32.9 98.6

134 27.6 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 24.542 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020666.D

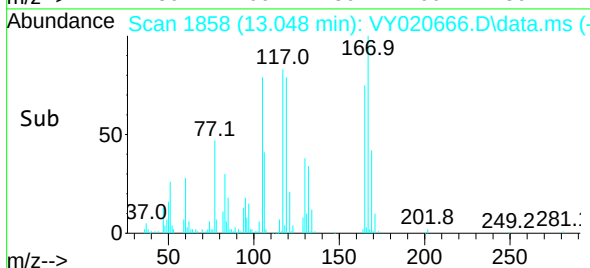
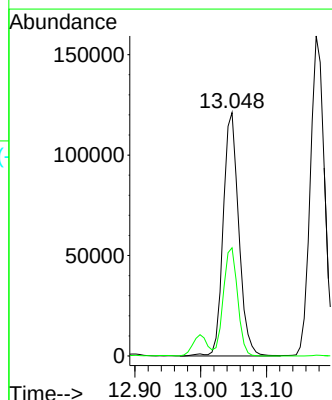
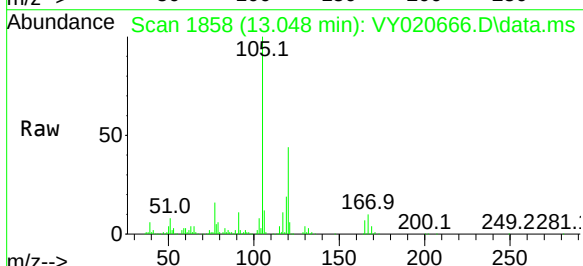
Acq: 20 Dec 2024 13:12

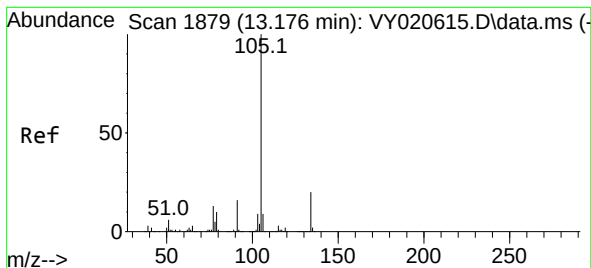
Tgt Ion:105 Resp: 199323

Ion Ratio Lower Upper

105 100

120 40.6 21.8 65.4





#85

sec-Butylbenzene

Concen: 21.761 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

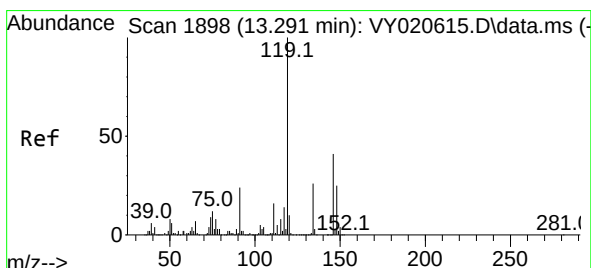
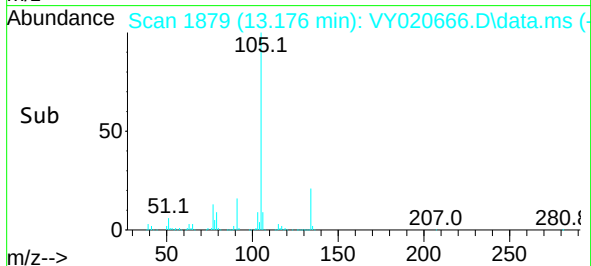
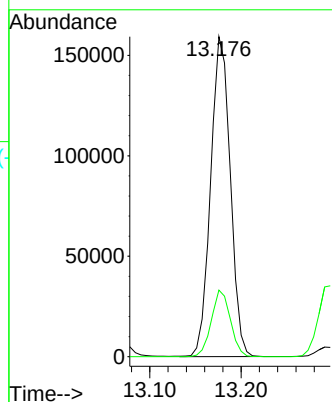
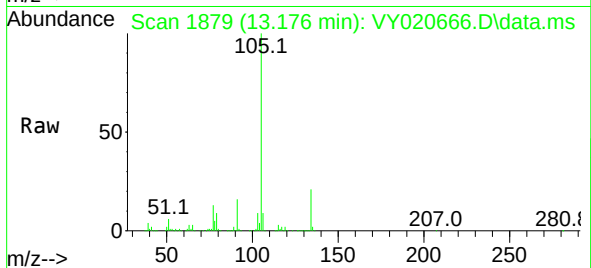
ClientSampleId :

Tgt Ion:105 Resp: 237258

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 22.057 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

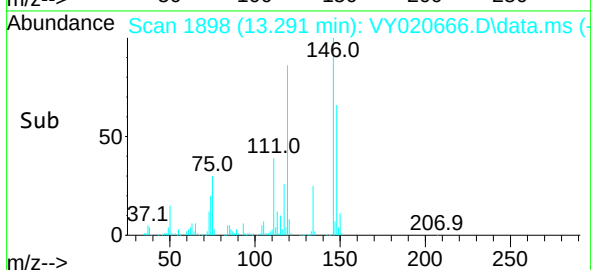
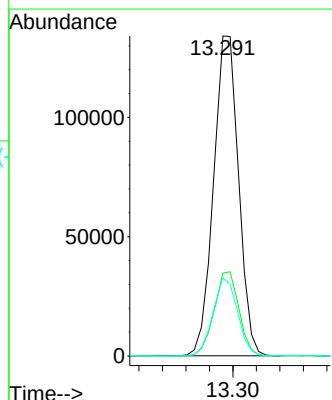
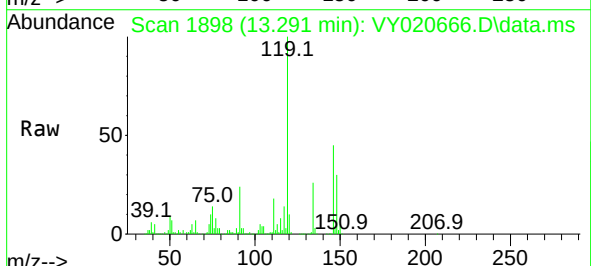
Tgt Ion:119 Resp: 198272

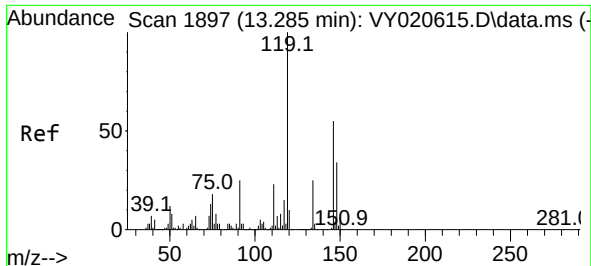
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.610 ug/l

RT: 13.291 min Scan# 11

Delta R.T. 0.006 min

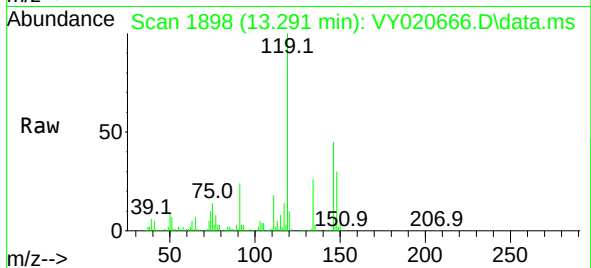
Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :



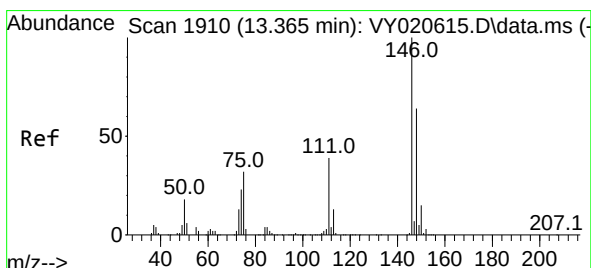
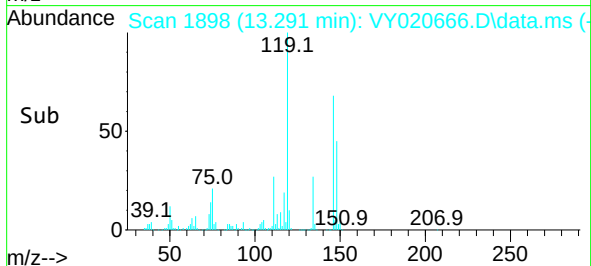
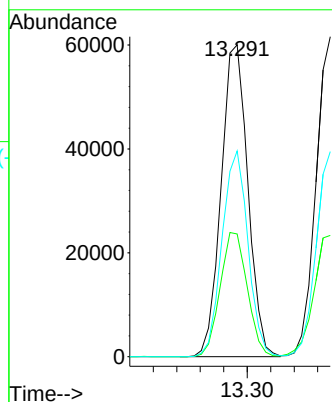
Tgt Ion:146 Resp: 94820

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

148 64.1 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 21.648 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

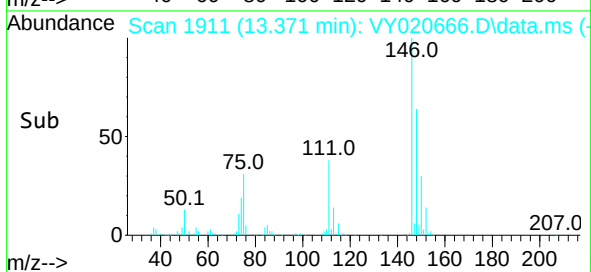
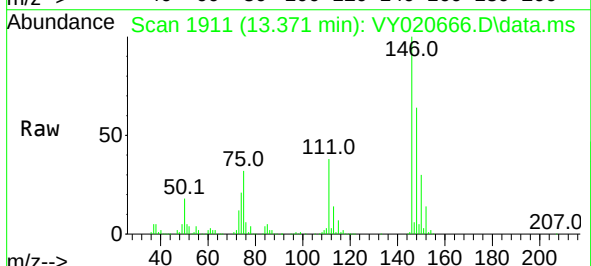
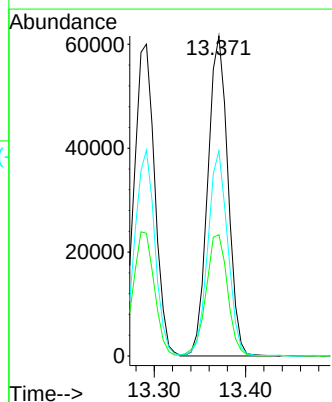
Tgt Ion:146 Resp: 94077

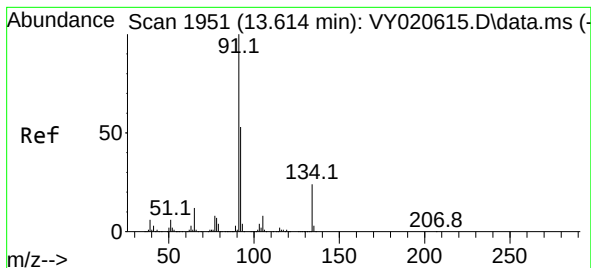
Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.7

148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 22.293 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

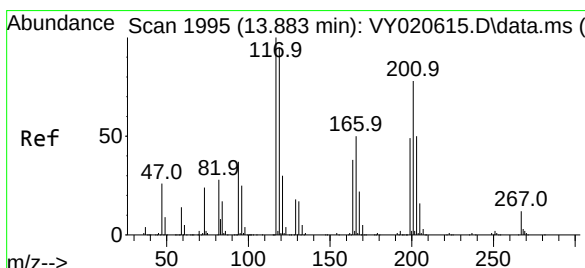
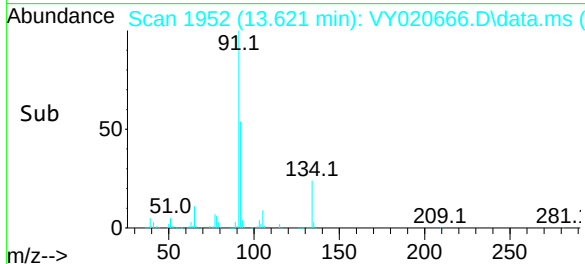
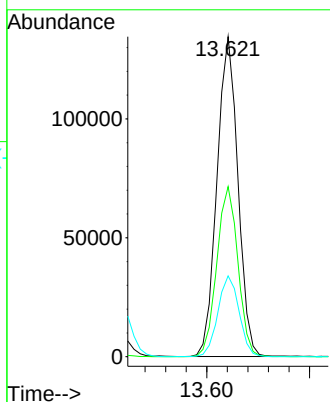
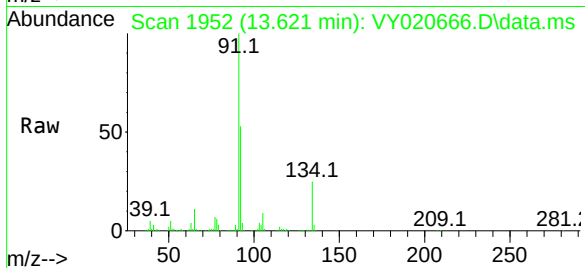
Tgt Ion: 91 Resp: 189919

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.4

134 25.6 12.5 37.5



#90

Hexachloroethane

Concen: 21.500 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020666.D

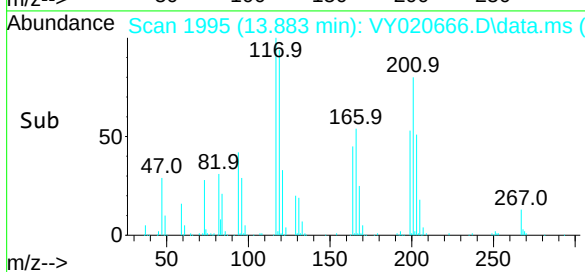
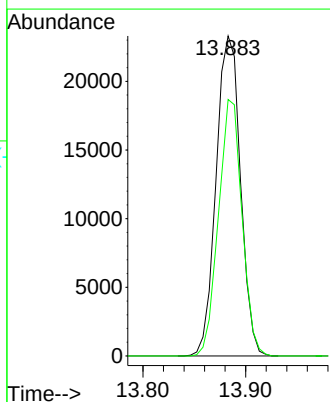
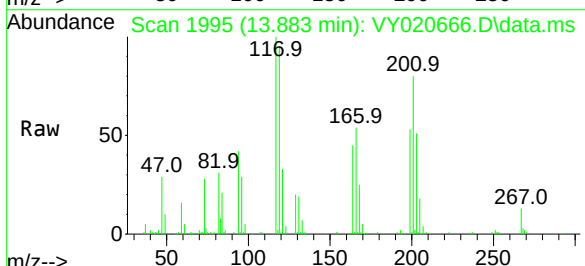
Acq: 20 Dec 2024 13:12

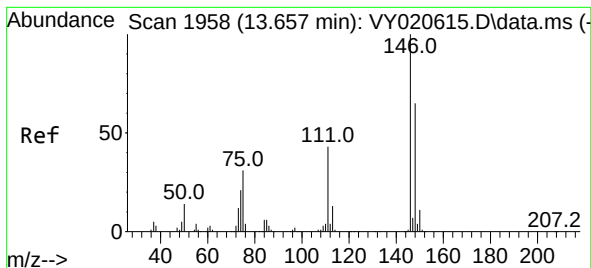
Tgt Ion: 117 Resp: 38301

Ion Ratio Lower Upper

117 100

201 77.4 39.1 117.3

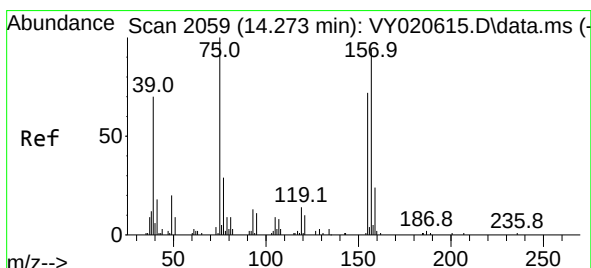
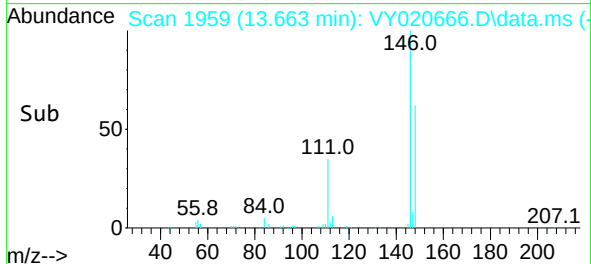
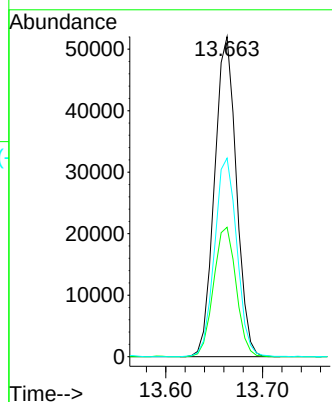
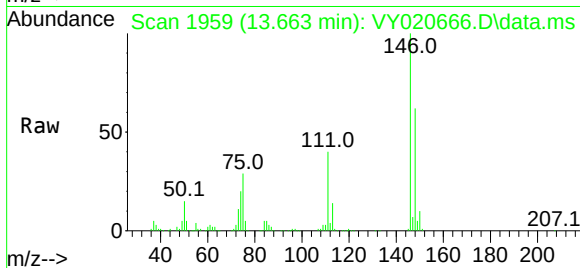




#91
1,2-Dichlorobenzene
Concen: 21.456 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

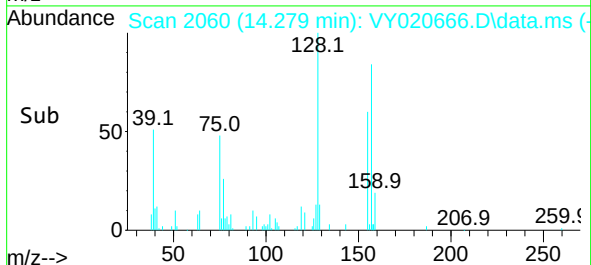
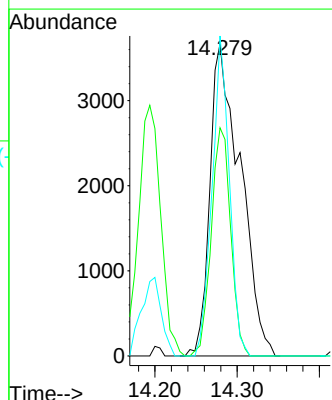
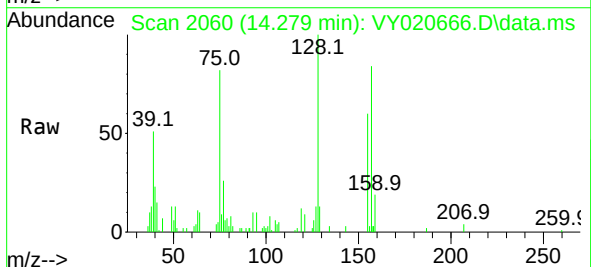
Instrument :
MSVOA_Y
ClientSampleId :

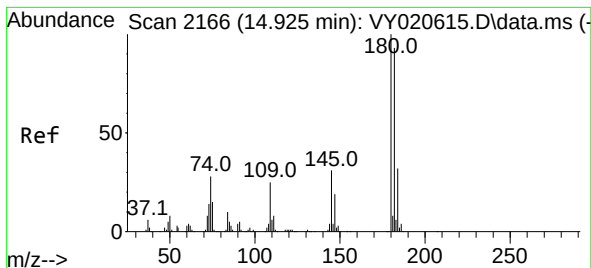
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	63.7	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 35.007 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020666.D
Acq: 20 Dec 2024 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	46.9	41.1	123.3
157	58.3	52.9	158.8





#93

1,2,4-Trichlorobenzene

Concen: 21.424 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

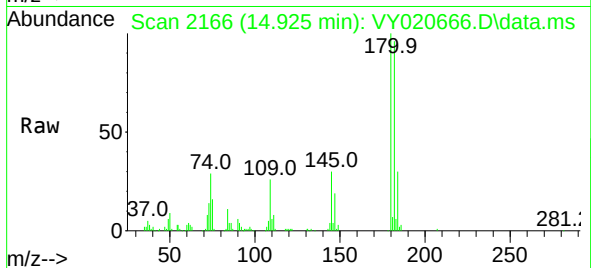
Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :



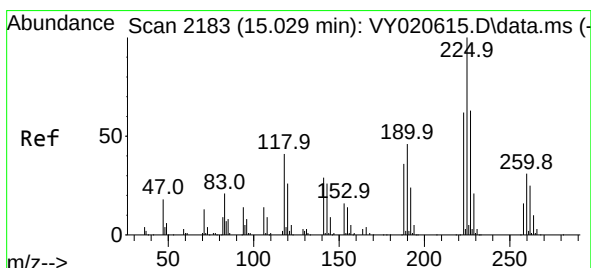
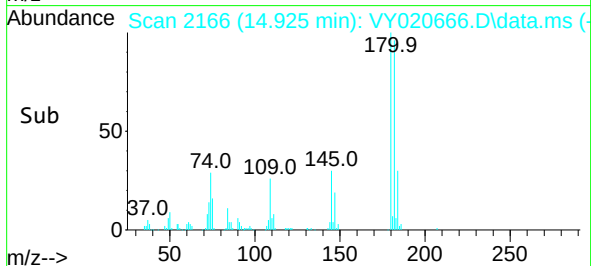
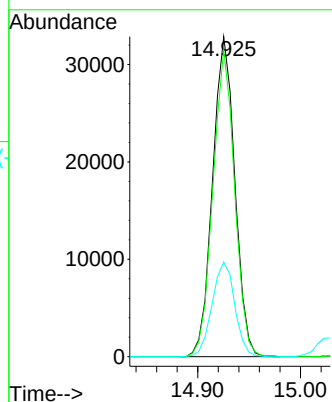
Tgt Ion:180 Resp: 49266

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.6

145 30.2 15.6 46.7



#94

Hexachlorobutadiene

Concen: 21.854 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

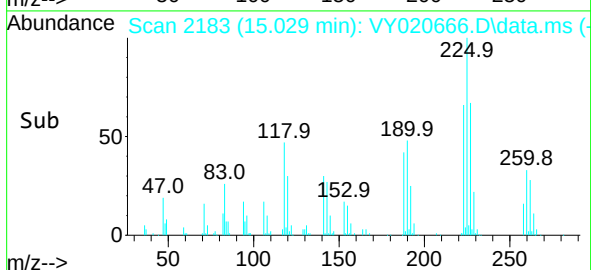
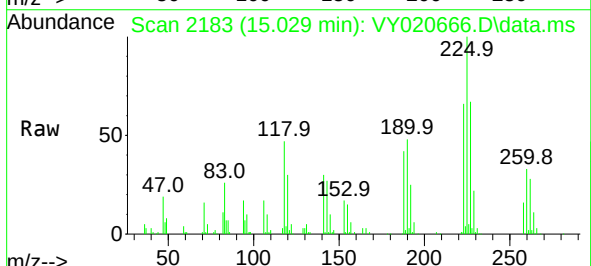
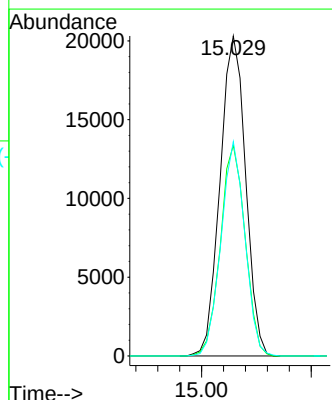
Tgt Ion:225 Resp: 32852

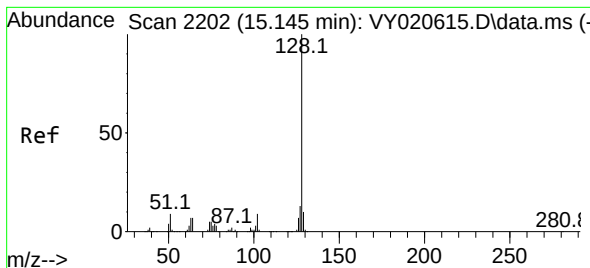
Ion Ratio Lower Upper

225 100

223 63.9 31.8 95.3

227 62.7 32.2 96.6





#95

Naphthalene

Concen: 20.350 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :

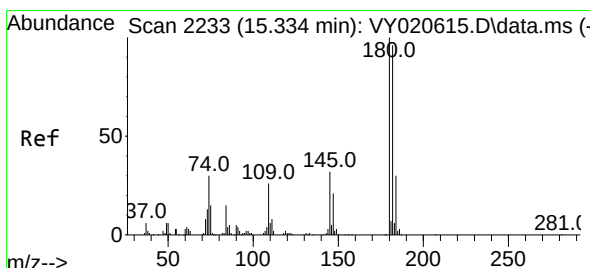
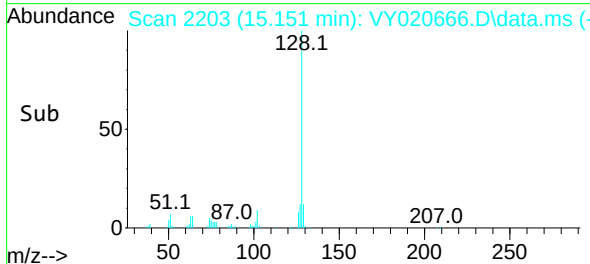
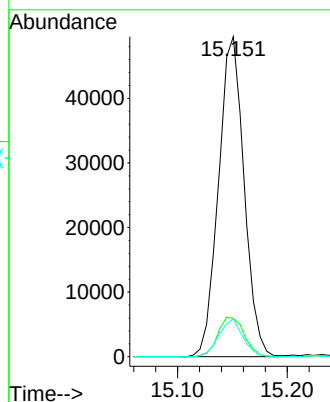
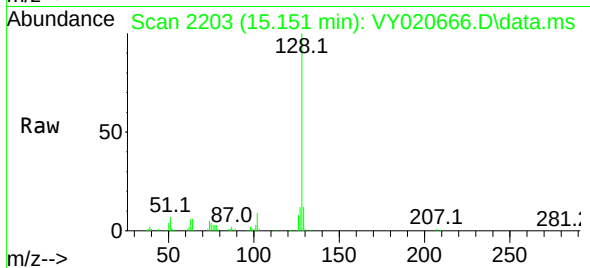
Tgt Ion:128 Resp: 80228

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.307 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020666.D

Acq: 20 Dec 2024 13:12

Tgt Ion:180 Resp: 41397

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 31.0 16.0 48.0

