

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020563.D
 Acq On : 10 Dec 2024 12:17
 Operator : SY/MD
 Sample : VY1210SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:47:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	165679	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	267297	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	223946	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	111842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84570	50.190	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.634	113	82702	49.147	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.300%	
50) Toluene-d8	10.103	98	306158	47.780	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	12.402	95	108196	48.279	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	26155	16.184	ug/l	99
3) Chloromethane	2.068	50	26433	16.154	ug/l	97
4) Vinyl Chloride	2.202	62	27261	16.340	ug/l	95
5) Bromomethane	2.586	94	17256	17.628	ug/l	98
6) Chloroethane	2.726	64	18138	17.738	ug/l	99
7) Trichlorofluoromethane	3.056	101	55308	17.700	ug/l	99
8) Diethyl Ether	3.452	74	17773	20.075	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	33941	18.642	ug/l	96
10) Methyl Iodide	4.001	142	37678	18.435	ug/l	98
11) Tert butyl alcohol	4.854	59	17516	160.251	ug/l #	94
12) 1,1-Dichloroethene	3.781	96	31191	18.136	ug/l	92
13) Acrolein	3.647	56	11123	108.690	ug/l	99
14) Allyl chloride	4.379	41	57426	18.721	ug/l	94
15) Acrylonitrile	5.055	53	41353	112.104	ug/l	99
16) Acetone	3.866	43	45574	108.777	ug/l	96
17) Carbon Disulfide	4.098	76	74144	15.063	ug/l	98
18) Methyl Acetate	4.385	43	20922	23.495	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	94493	21.514	ug/l	99
20) Methylene Chloride	4.610	84	36725	20.606	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	35593	18.632	ug/l	98
22) Diisopropyl ether	6.019	45	125309	20.543	ug/l	98
23) Vinyl Acetate	5.958	43	338395	104.886	ug/l	99
24) 1,1-Dichloroethane	5.915	63	71887	19.576	ug/l	99
25) 2-Butanone	6.890	43	60288	113.956	ug/l	100
26) 2,2-Dichloropropane	6.884	77	67110	19.322	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	44915	20.136	ug/l	97
28) Bromochloromethane	7.244	49	25709	18.747	ug/l	93
29) Tetrahydrofuran	7.262	42	33924	112.400	ug/l	96
30) Chloroform	7.415	83	73968	19.626	ug/l	100
31) Cyclohexane	7.701	56	56061	16.886	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	67959	18.726	ug/l	98
36) 1,1-Dichloropropene	7.835	75	51078	17.974	ug/l	98
37) Ethyl Acetate	6.982	43	24621	21.870	ug/l #	96
38) Carbon Tetrachloride	7.817	117	61004	17.987	ug/l	99
39) Methylcyclohexane	9.103	83	58493	16.588	ug/l	96
40) Benzene	8.079	78	157760	18.829	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13580	21.219	ug/l	95
42) 1,2-Dichloroethane	8.152	62	43934	19.956	ug/l	99
43) Isopropyl Acetate	8.195	43	48623	21.388	ug/l #	87
44) Trichloroethene	8.866	130	39586	19.166	ug/l	91
45) 1,2-Dichloropropane	9.140	63	38098	19.432	ug/l	97
46) Dibromomethane	9.225	93	20595	21.216	ug/l	99
47) Bromodichloromethane	9.420	83	57254	20.018	ug/l	99
48) Methyl methacrylate	9.219	41	21711	20.480	ug/l	96
49) 1,4-Dioxane	9.219	88	4690	505.444	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	128530	114.485	ug/l	97
52) Toluene	10.170	92	100854	19.293	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	51624	20.105	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	60859	20.055	ug/l	93
55) 1,1,2-Trichloroethane	10.567	97	27233	21.030	ug/l	97
56) Ethyl methacrylate	10.432	69	39166	21.376	ug/l	94
57) 1,3-Dichloropropane	10.713	76	48087	20.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	90070	104.991	ug/l	99
59) 2-Hexanone	10.756	43	92293	113.954	ug/l	97
60) Dibromochloromethane	10.908	129	37529	20.816	ug/l	98
61) 1,2-Dibromoethane	11.012	107	25472	21.510	ug/l	99
64) Tetrachloroethene	10.646	164	34909	18.448	ug/l	91
65) Chlorobenzene	11.438	112	109147	19.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	39922	20.054	ug/l	97
67) Ethyl Benzene	11.518	91	198492	18.865	ug/l	98
68) m/p-Xylenes	11.627	106	147521	38.290	ug/l	99
69) o-Xylene	11.950	106	70928	19.651	ug/l	98
70) Styrene	11.969	104	120287	19.975	ug/l	99
71) Bromoform	12.127	173	22118	21.853	ug/l #	100
73) Isopropylbenzene	12.249	105	190432	17.598	ug/l	98
74) N-amyl acetate	12.066	43	43567	20.541	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	31963	20.539	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	41400	36.338	ug/l #	100
77) Bromobenzene	12.530	156	42288	18.870	ug/l	96
78) n-propylbenzene	12.591	91	230685	18.005	ug/l	98
79) 2-Chlorotoluene	12.676	91	134286	18.575	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	160596	18.519	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	10903	19.636	ug/l	95
82) 4-Chlorotoluene	12.773	91	137337	18.615	ug/l	99
83) tert-Butylbenzene	12.993	119	139749	17.825	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	158125	18.760	ug/l	100
85) sec-Butylbenzene	13.170	105	206411	18.370	ug/l	99
86) p-Isopropyltoluene	13.292	119	174318	18.774	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	85227	19.720	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	82935	19.602	ug/l	99
89) n-Butylbenzene	13.615	91	161804	18.789	ug/l	99
90) Hexachloroethane	13.877	117	33984	18.781	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	74260	20.261	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4936	20.952	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	44244	21.468	ug/l	98
94) Hexachlorobutadiene	15.023	225	28679	19.892	ug/l	99
95) Naphthalene	15.145	128	75347	22.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37584	22.601	ug/l	99

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

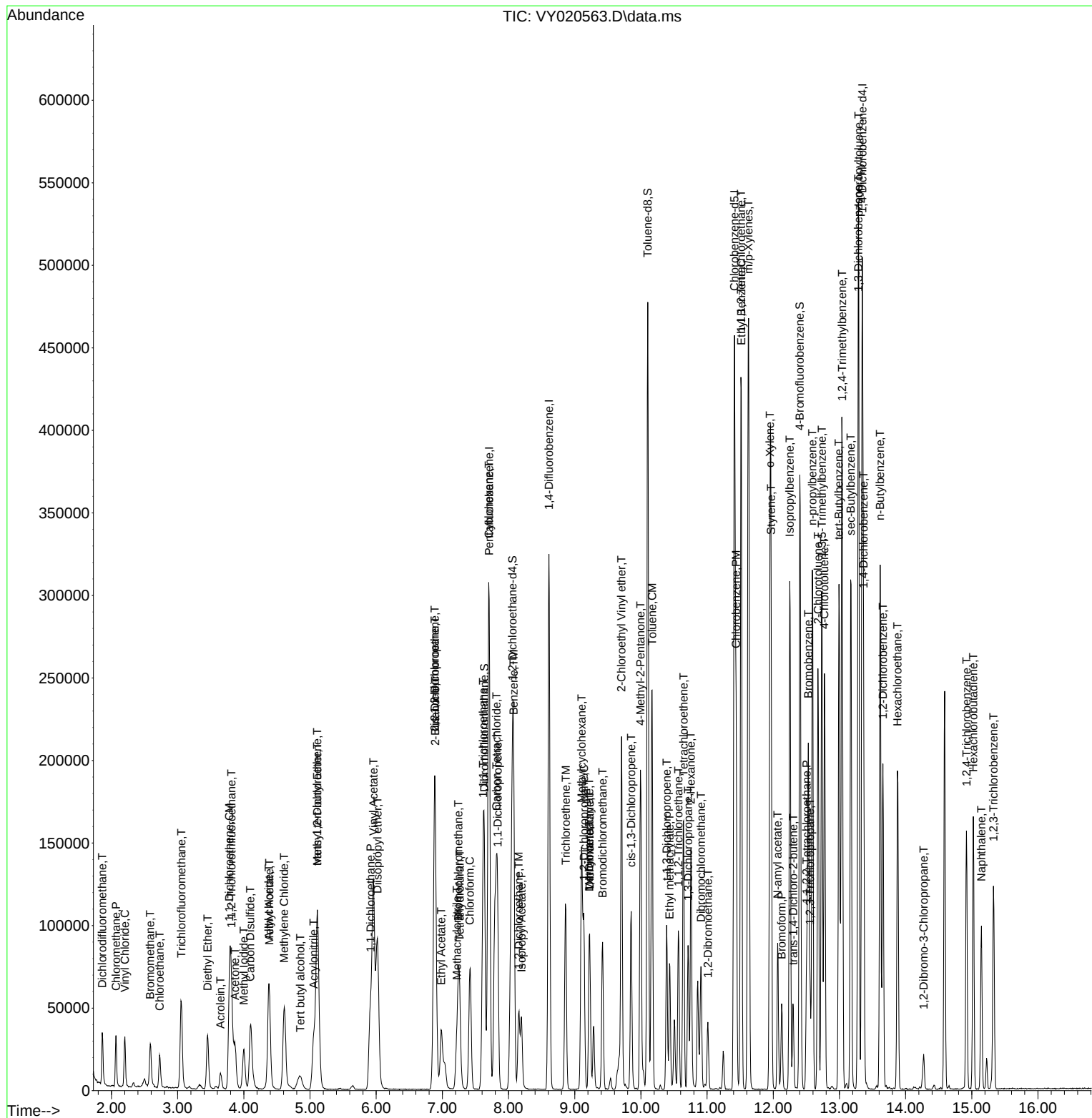
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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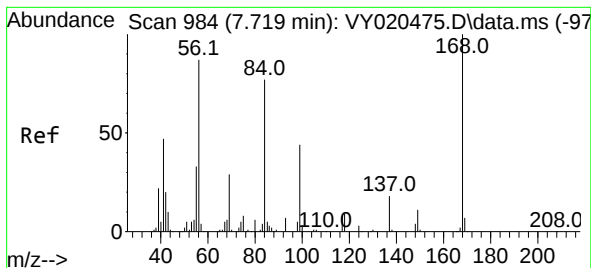
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

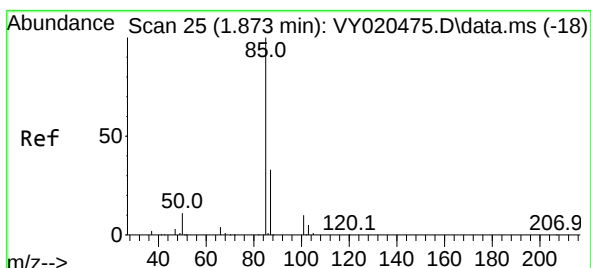
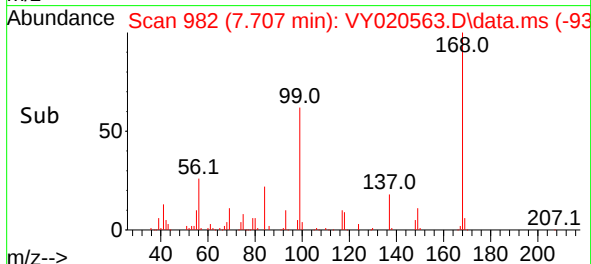
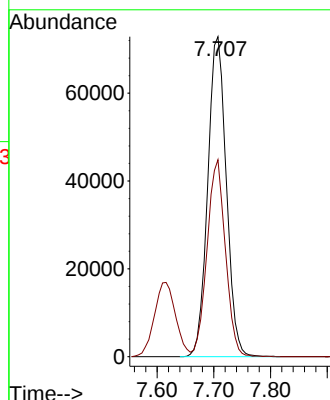
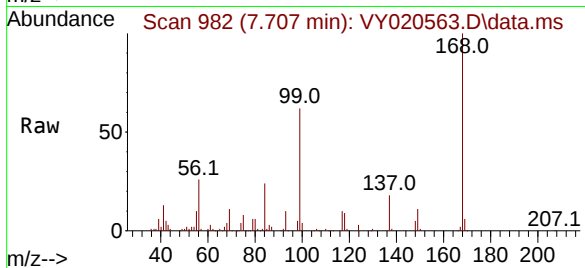
ClientSampleId :

Tgt Ion:168 Resp: 165679

Ion Ratio Lower Upper

168 100

99 61.6 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 16.184 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.012 min

Lab File: VY020563.D

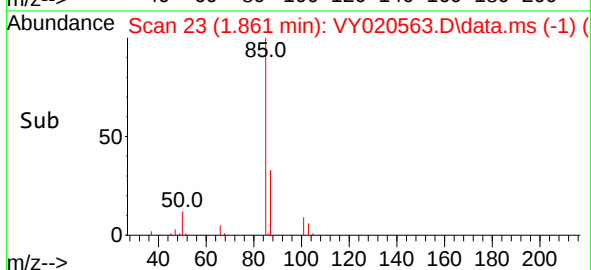
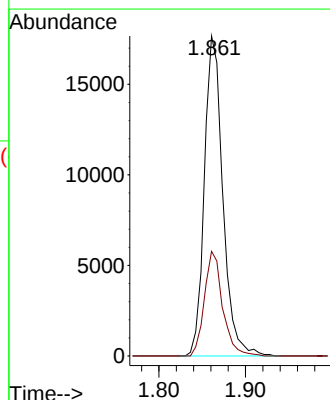
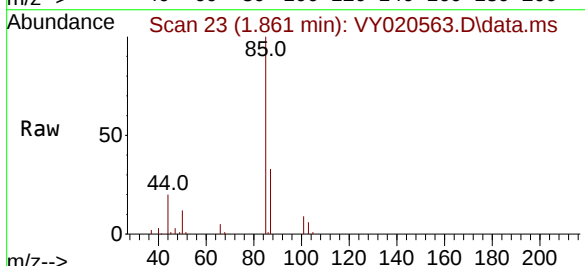
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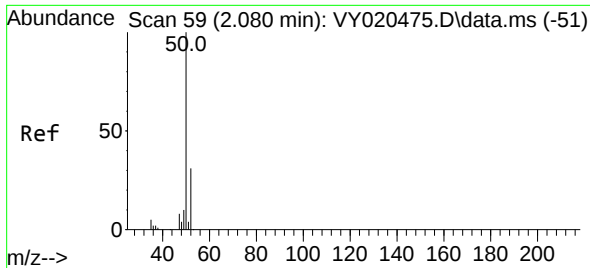
Tgt Ion: 85 Resp: 26155

Ion Ratio Lower Upper

85 100

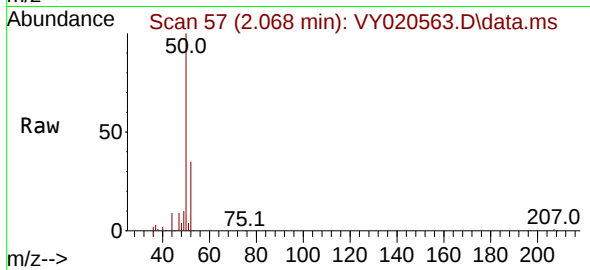
87 32.7 16.1 48.2



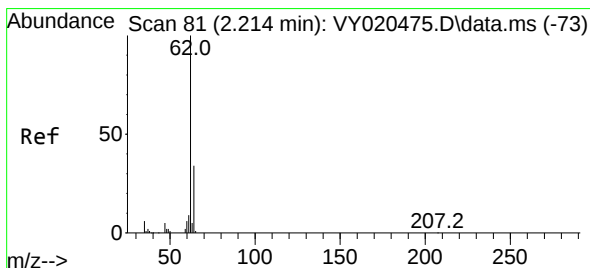
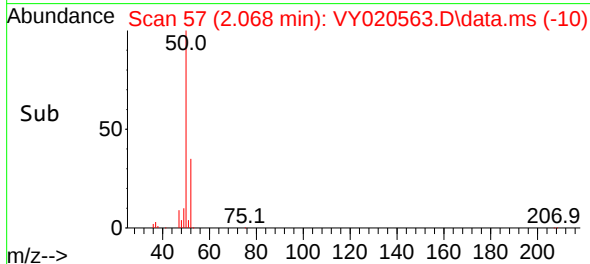
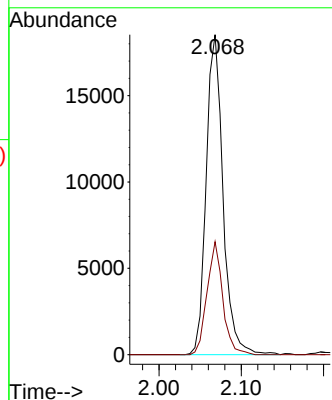


#3
Chloromethane
Concen: 16.154 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

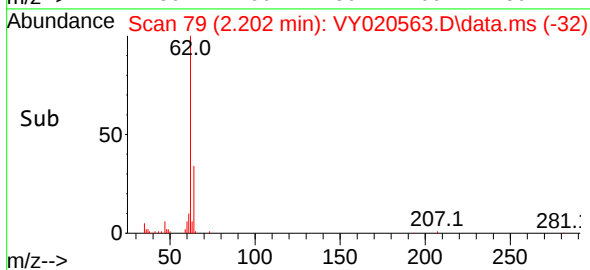
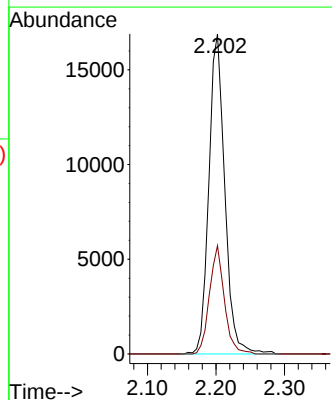
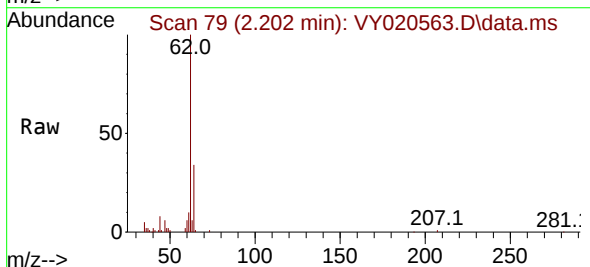


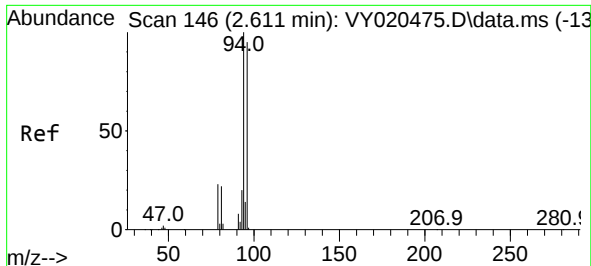
Tgt Ion: 50 Resp: 26433
Ion Ratio Lower Upper
50 100
52 35.3 26.9 40.3



#4
Vinyl Chloride
Concen: 16.340 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 62 Resp: 27261
Ion Ratio Lower Upper
62 100
64 33.8 24.7 37.1

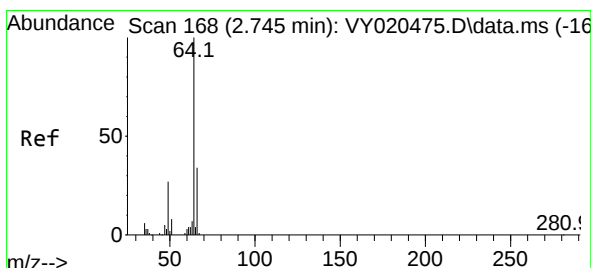
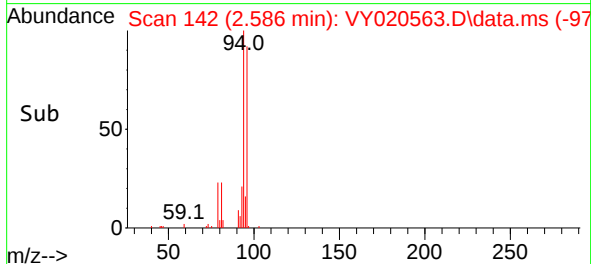
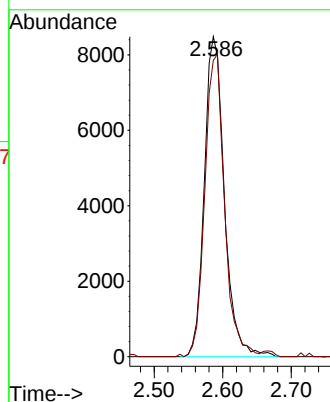
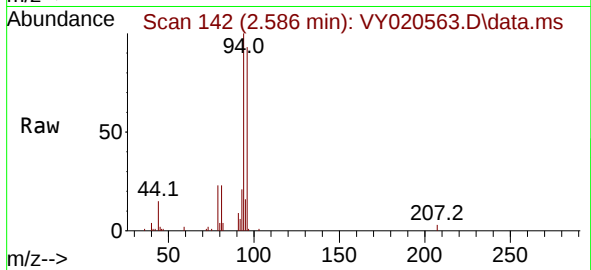




#5
Bromomethane
Concen: 17.628 ug/l
RT: 2.586 min Scan# 146
Delta R.T. -0.024 min
Lab File: VY020563.D
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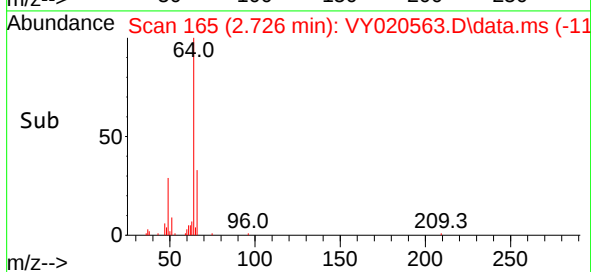
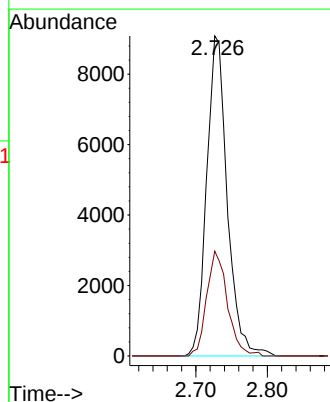
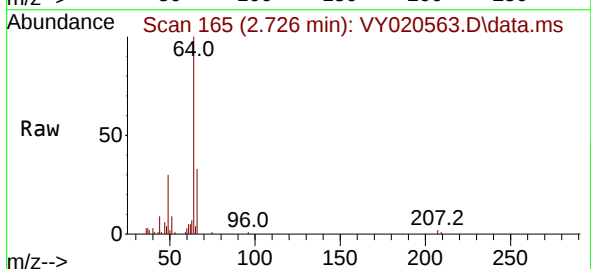
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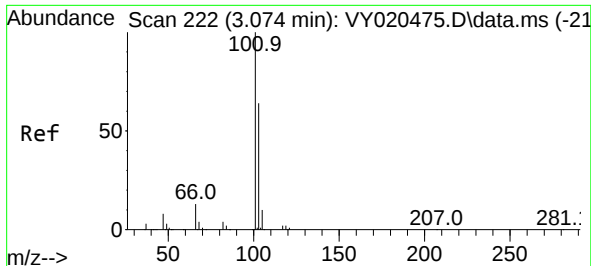
Tgt Ion: 94 Resp: 17256
Ion Ratio Lower Upper
94 100
96 92.6 75.4 113.2



#6
Chloroethane
Concen: 17.738 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 64 Resp: 18138
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5

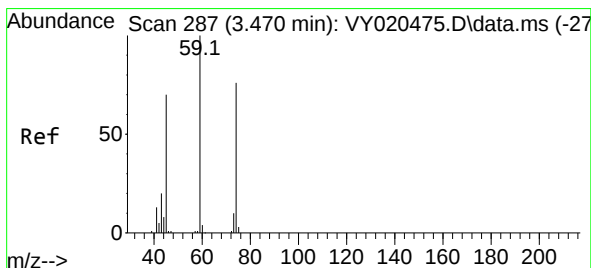
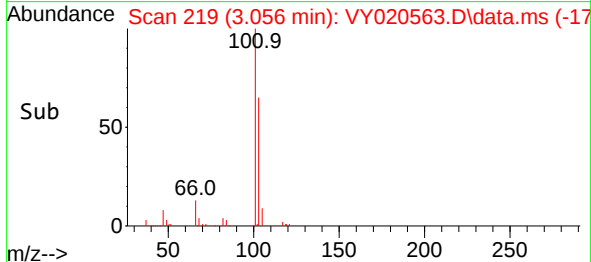
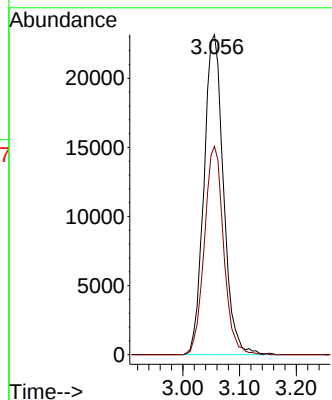
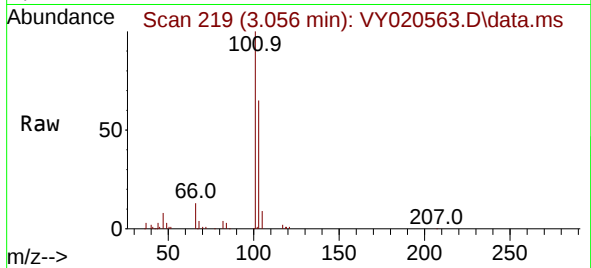




#7
 Trichlorofluoromethane
 Concen: 17.700 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

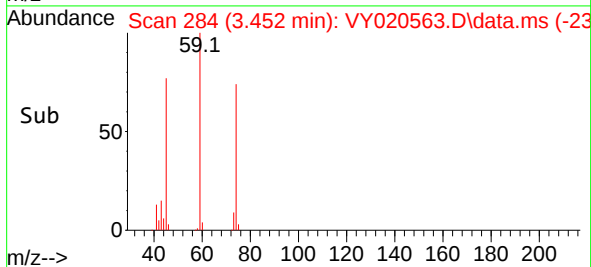
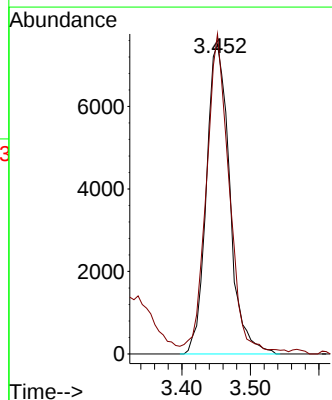
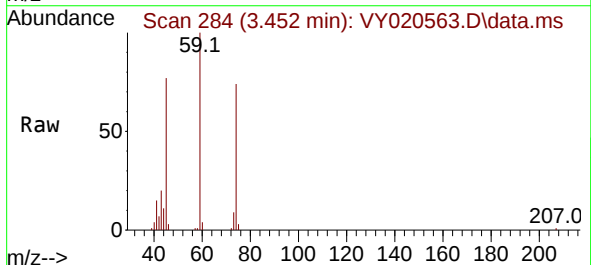
Instrument :
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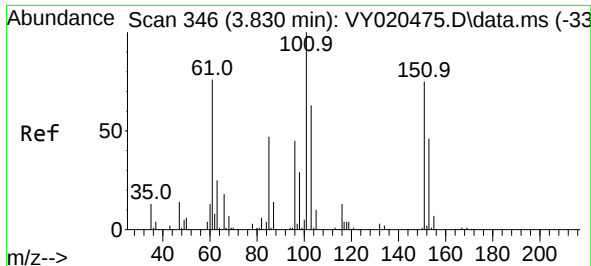
Tgt Ion:101 Resp: 55308
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.075 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.018 min
 Lab File: VY020563.D
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Tgt Ion: 74 Resp: 17773
 Ion Ratio Lower Upper
 74 100
 45 100.0 53.6 160.8

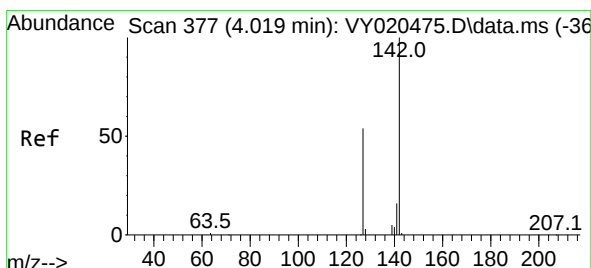
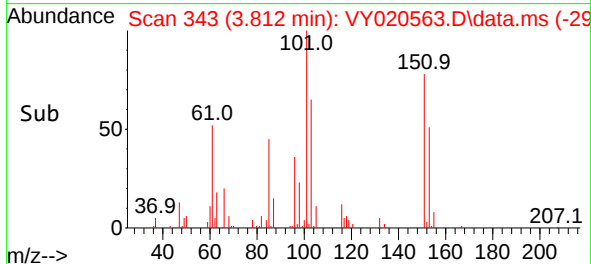
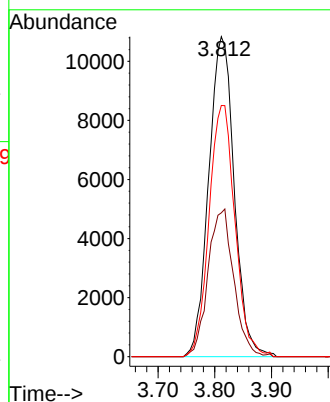
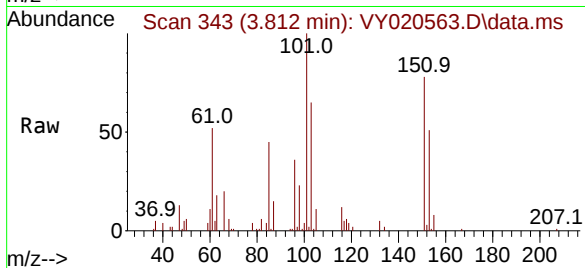




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.642 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

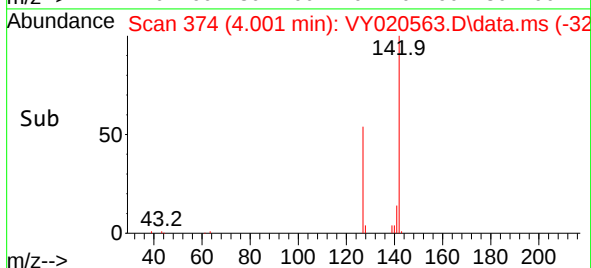
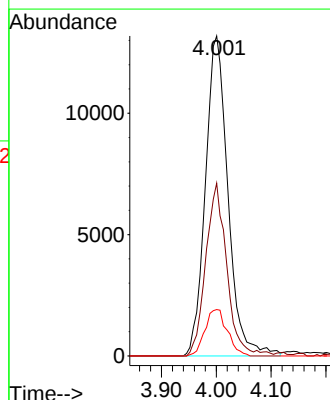
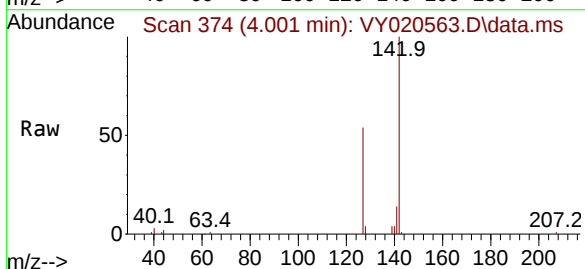
Instrument :
MSVOA_Y
ClientSampleId :

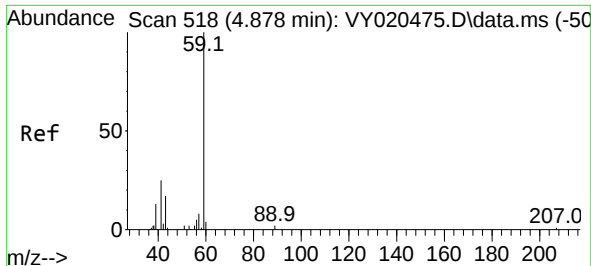
Tgt Ion:101 Resp: 33941
Ion Ratio Lower Upper
101 100
85 46.4 38.0 57.0
151 79.7 59.6 89.4



#10
Methyl Iodide
Concen: 18.435 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

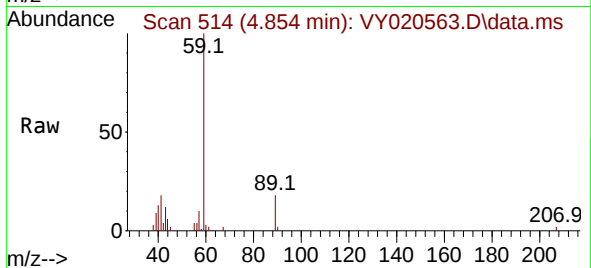
Tgt Ion:142 Resp: 37678
Ion Ratio Lower Upper
142 100
127 50.3 38.9 58.3
141 14.3 11.7 17.5



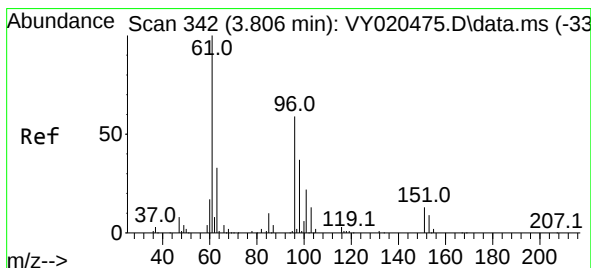
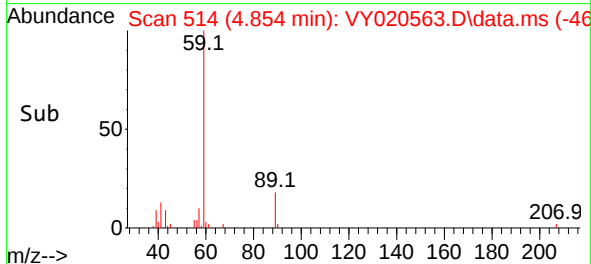
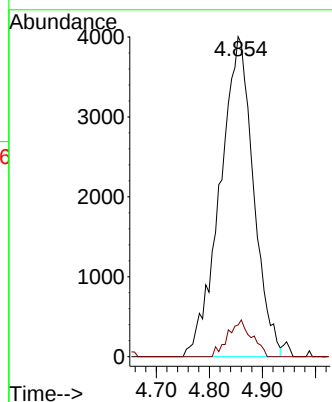


#11
Tert butyl alcohol
Concen: 160.251 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

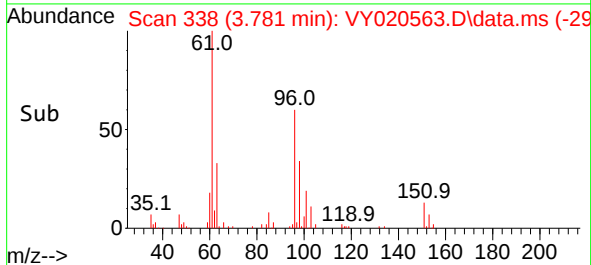
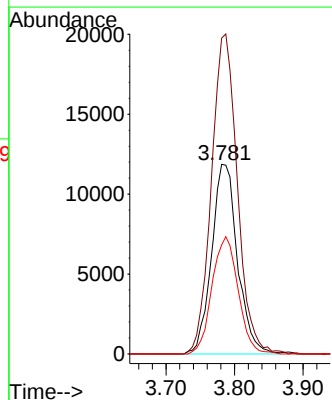
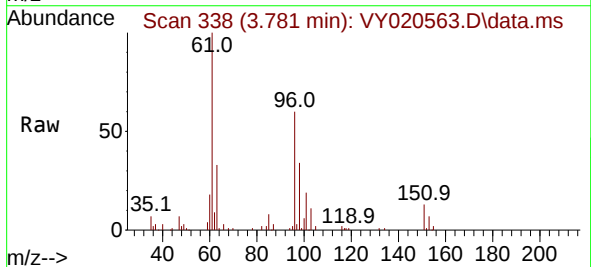


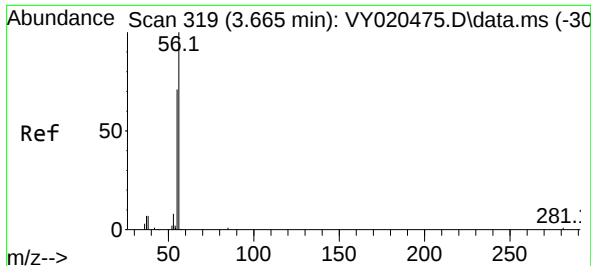
Tgt Ion: 59 Resp: 17516
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 18.136 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.024 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 96 Resp: 31191
Ion Ratio Lower Upper
96 100
61 166.7 143.3 214.9
98 57.5 49.8 74.8

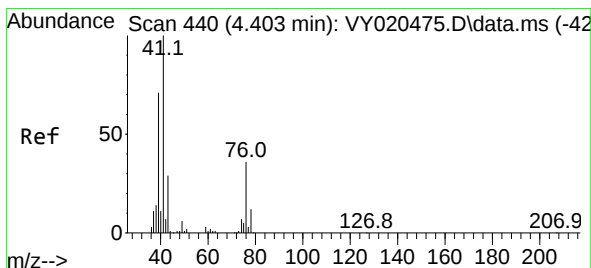
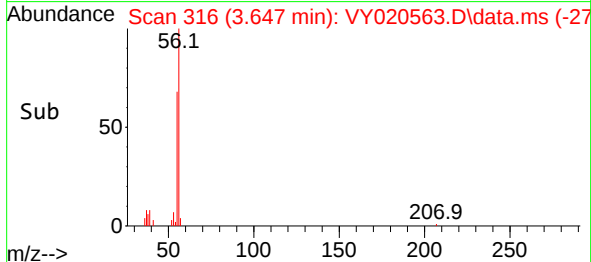
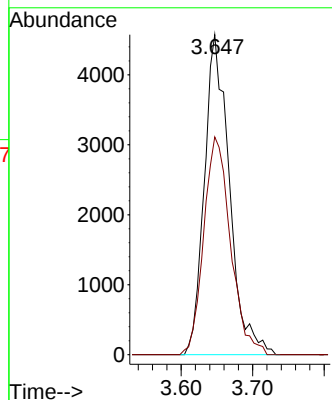
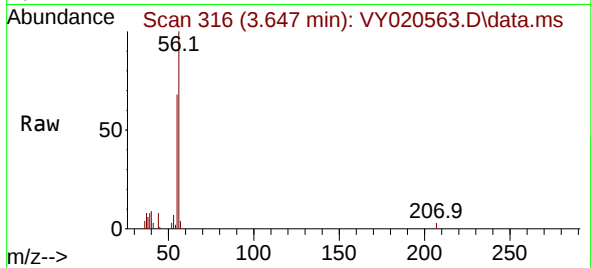




#13
Acrolein
Concen: 108.690 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

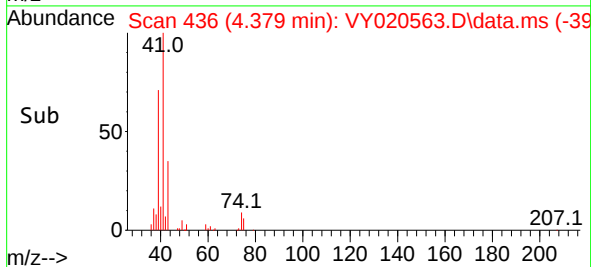
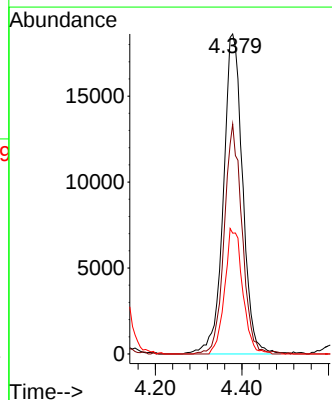
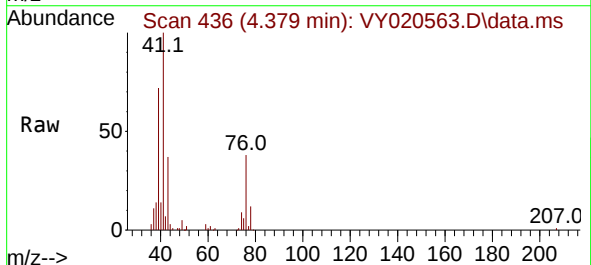
Instrument :
MSVOA_Y
ClientSampleId :

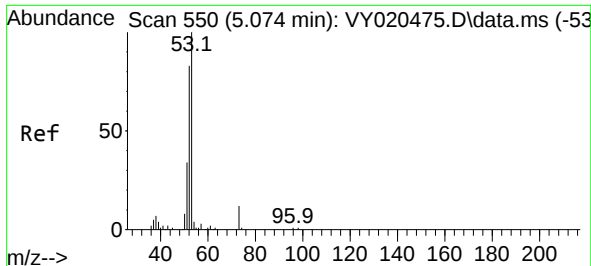
Tgt Ion: 56 Resp: 11123
Ion Ratio Lower Upper
56 100
55 72.8 57.7 86.5



#14
Allyl chloride
Concen: 18.721 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.024 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

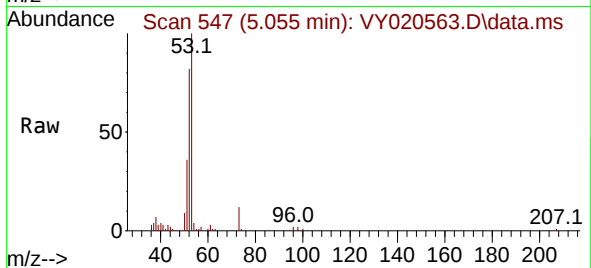
Tgt Ion: 41 Resp: 57426
Ion Ratio Lower Upper
41 100
39 66.5 58.8 88.2
76 36.6 29.7 44.5



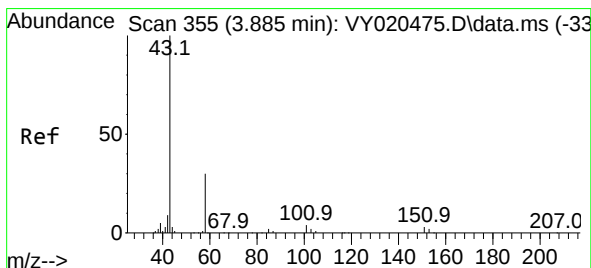
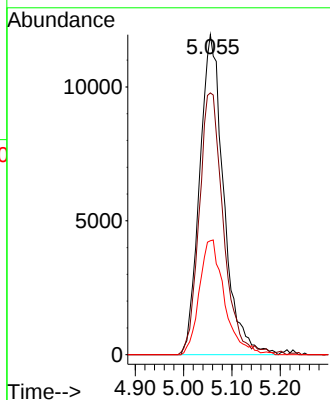
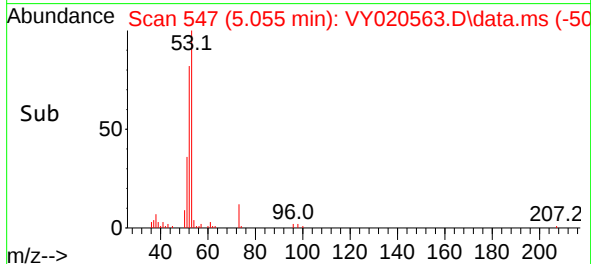


#15
Acrylonitrile
Concen: 112.104 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

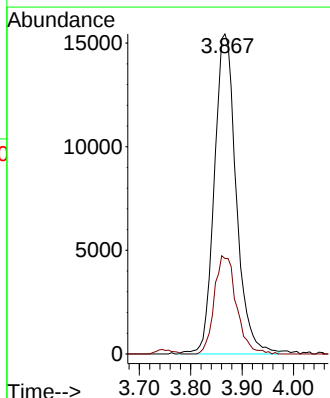
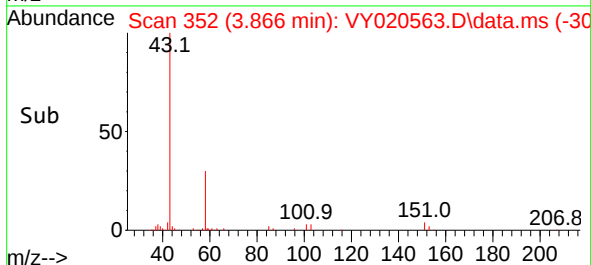
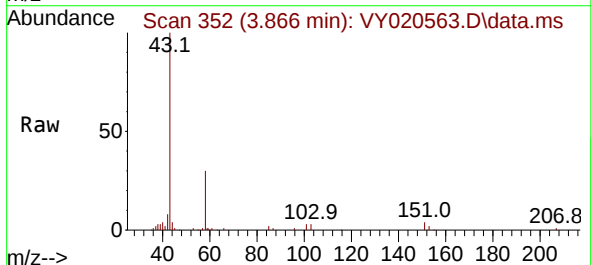


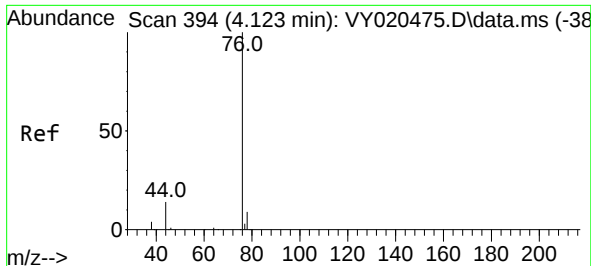
Tgt Ion: 53 Resp: 41353
Ion Ratio Lower Upper
53 100
52 82.0 65.2 97.8
51 37.3 30.2 45.4



#16
Acetone
Concen: 108.777 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 43 Resp: 45574
Ion Ratio Lower Upper
43 100
58 29.9 25.7 38.5

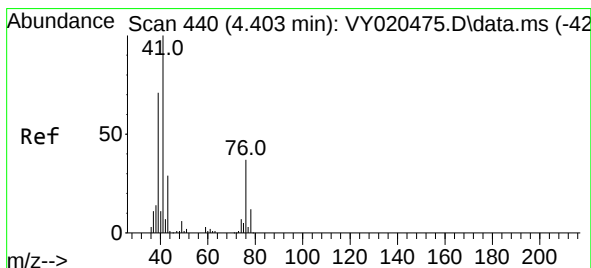
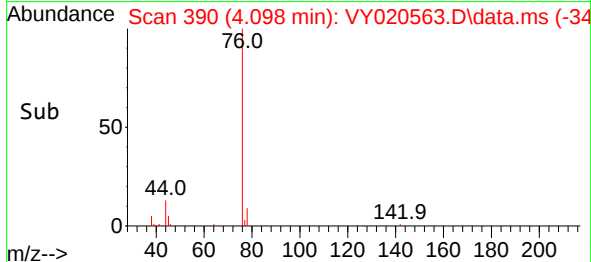
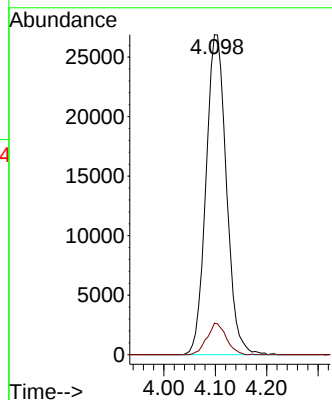
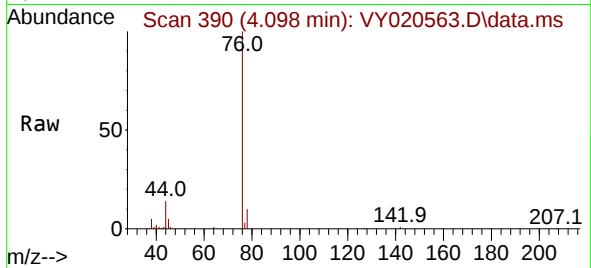




#17
Carbon Disulfide
Concen: 15.063 ug/l
RT: 4.098 min Scan# 394
Delta R.T. -0.024 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

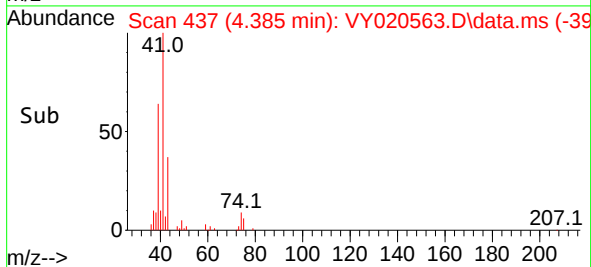
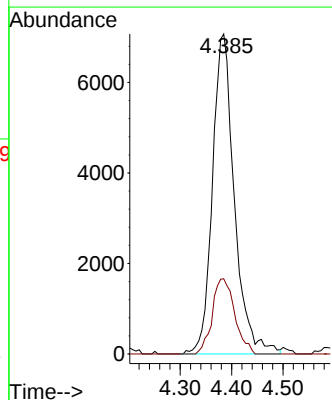
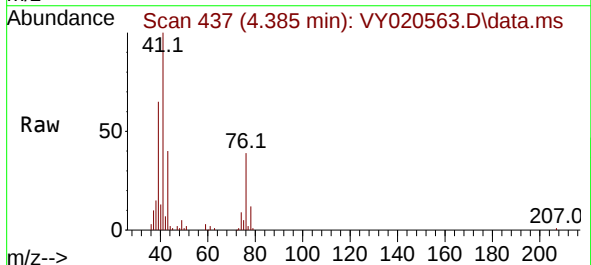
Instrument :
MSVOA_Y
ClientSampleId :

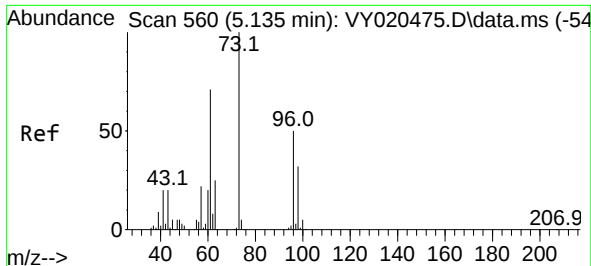
Tgt Ion: 76 Resp: 74144
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 23.495 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 43 Resp: 20922
Ion Ratio Lower Upper
43 100
74 24.1 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 21.514 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

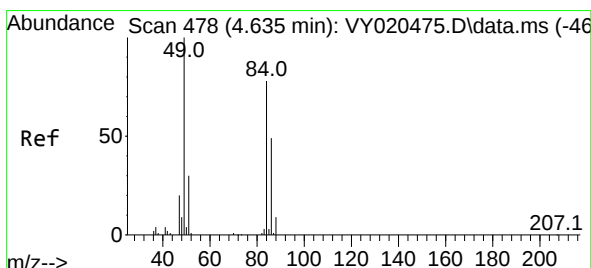
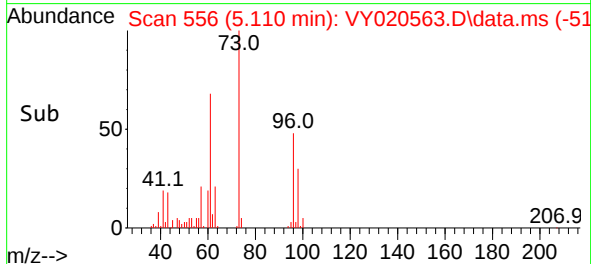
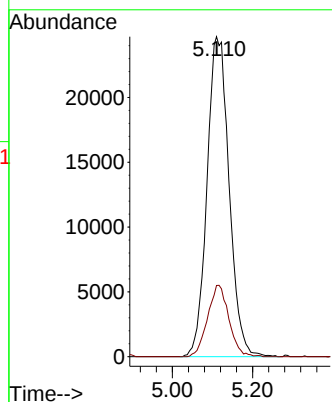
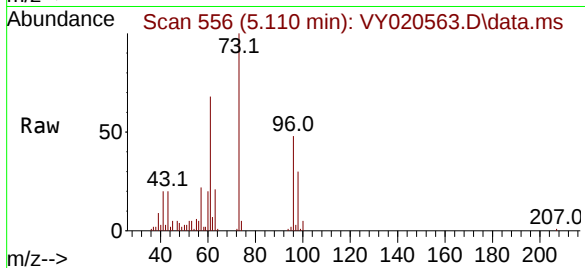
ClientSampleId :

Tgt Ion: 73 Resp: 94493

Ion Ratio Lower Upper

73 100

57 22.3 18.0 27.0



#20

Methylene Chloride

Concen: 20.606 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.024 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Tgt Ion: 84 Resp: 36725

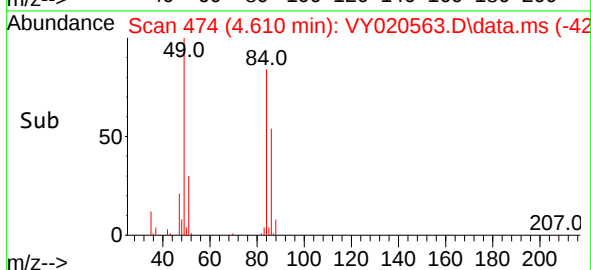
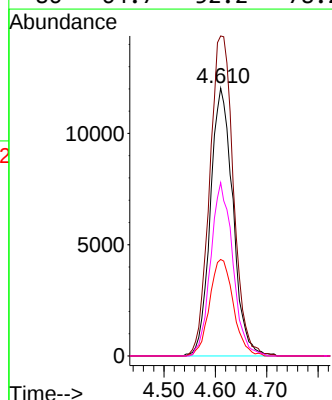
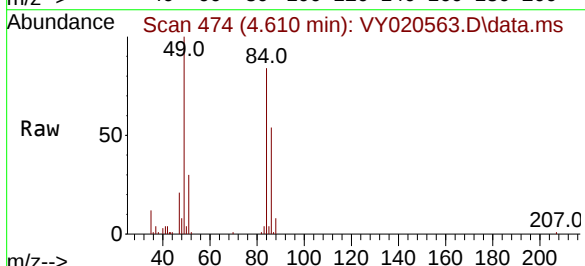
Ion Ratio Lower Upper

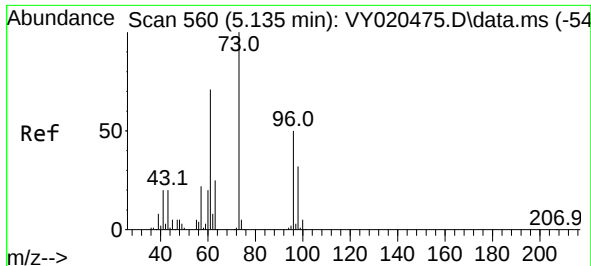
84 100

49 119.5 104.7 157.1

51 36.0 33.4 50.0

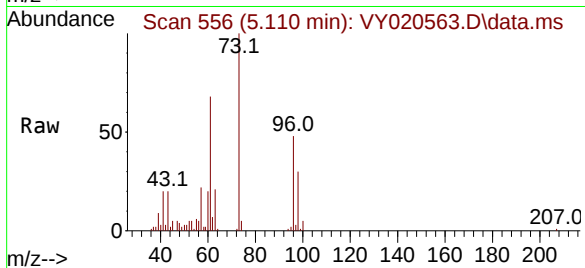
86 64.7 52.2 78.2



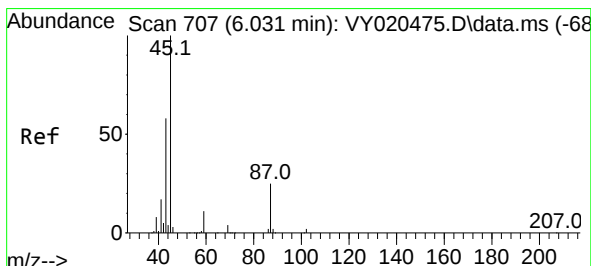
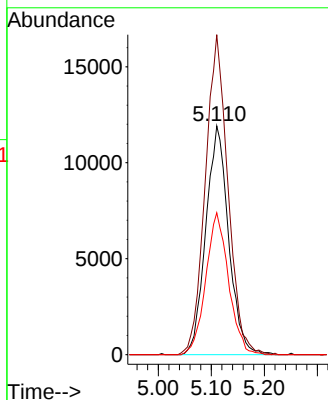
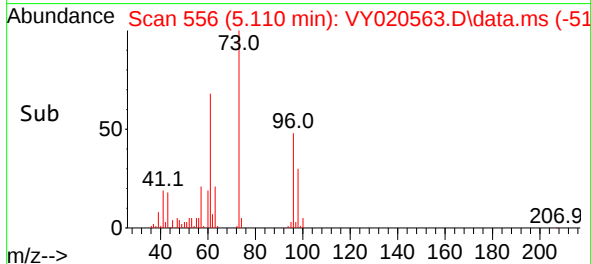


#21
trans-1,2-Dichloroethene
Concen: 18.632 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

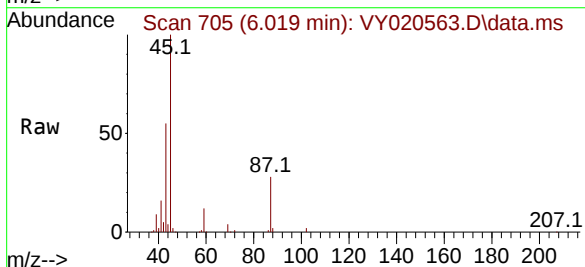
Instrument :
MSVOA_Y
ClientSampleId :



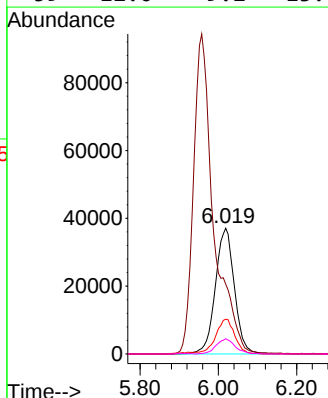
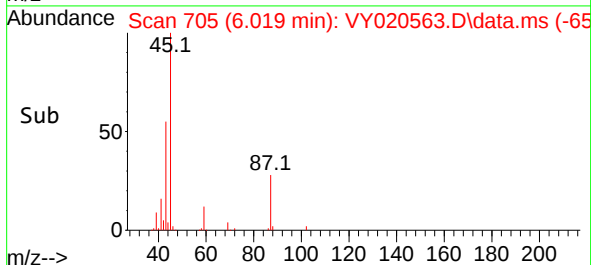
Tgt Ion: 96 Resp: 35593
Ion Ratio Lower Upper
96 100
61 139.8 111.6 167.4
98 62.0 46.7 70.1

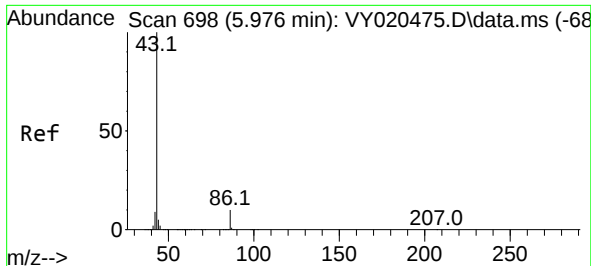


#22
Diisopropyl ether
Concen: 20.543 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17



Tgt Ion: 45 Resp: 125309
Ion Ratio Lower Upper
45 100
43 54.7 44.8 67.2
87 27.6 20.6 30.8
59 12.0 9.2 13.8

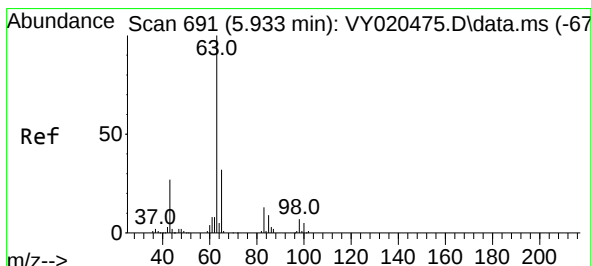
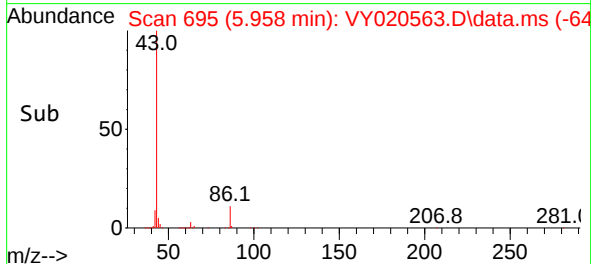
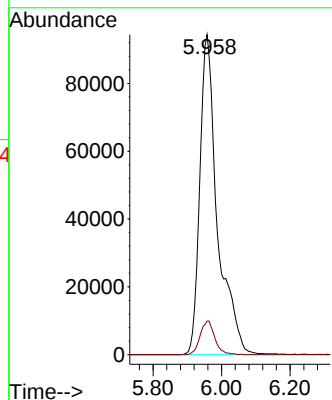
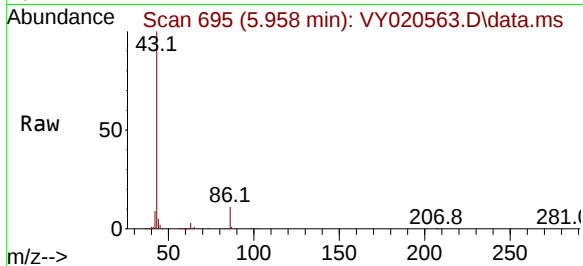




#23
 Vinyl Acetate
 Concen: 104.886 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

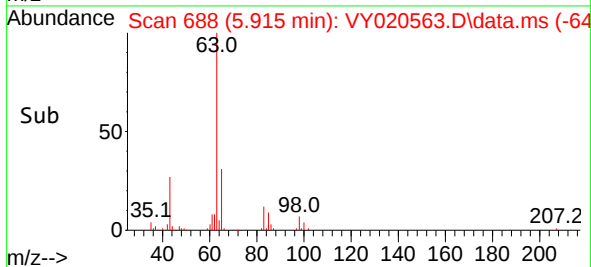
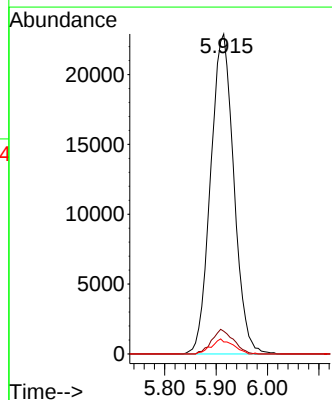
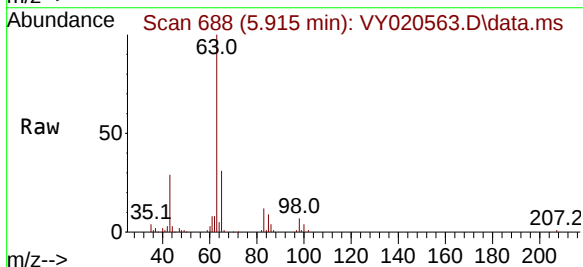
Instrument :
 MSVOA_Y
 ClientSampleId :

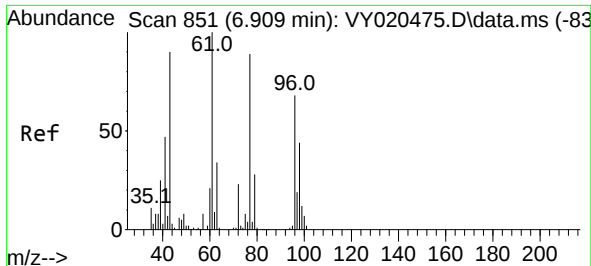
Tgt Ion: 43 Resp: 338395
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.576 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

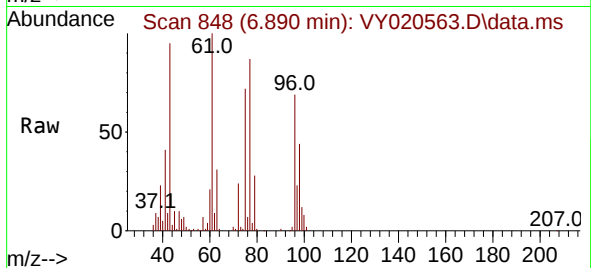
Tgt Ion: 63 Resp: 71887
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 3.8 2.0 5.8



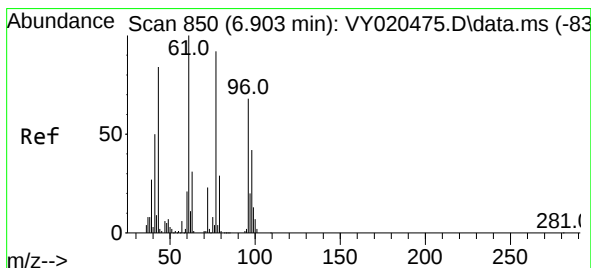
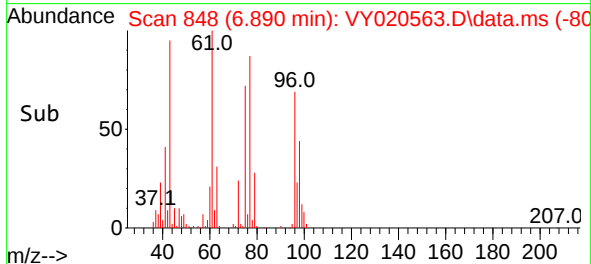
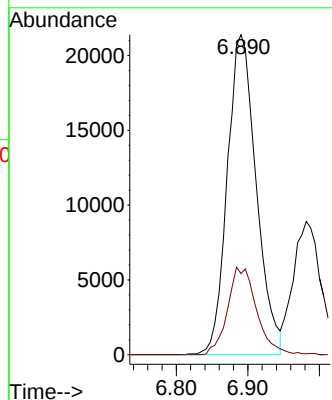


#25
2-Butanone
Concen: 113.956 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

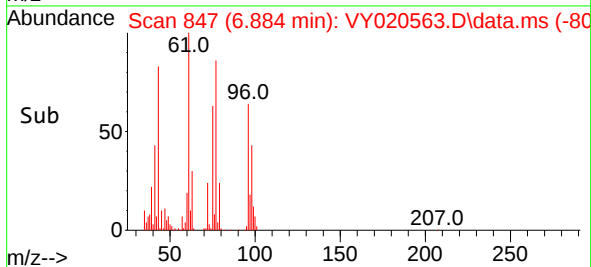
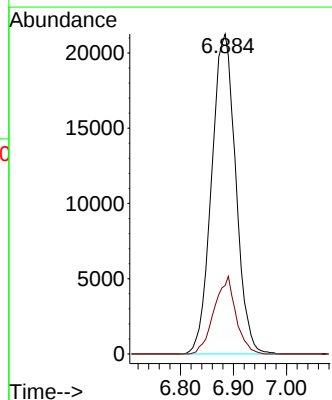
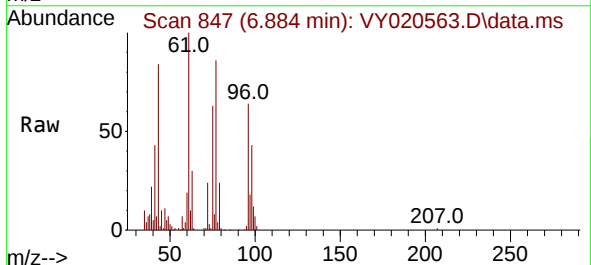


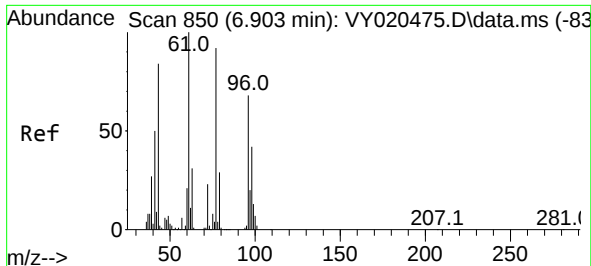
Tgt Ion: 43 Resp: 60288
Ion Ratio Lower Upper
43 100
72 25.4 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.322 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 77 Resp: 67110
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7

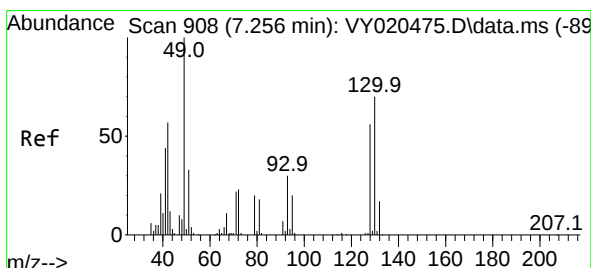
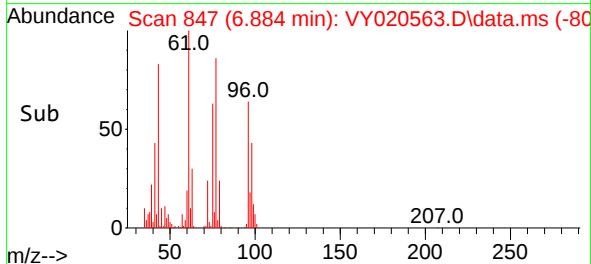
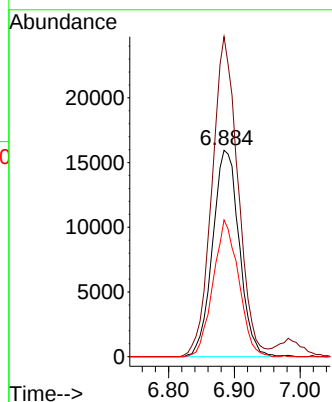
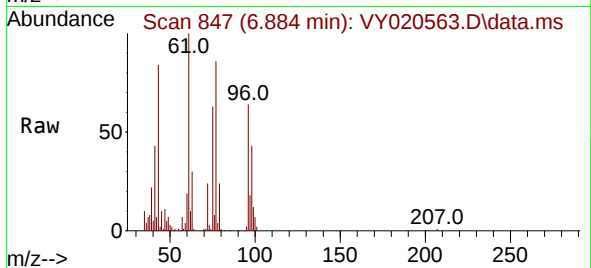




#27
 cis-1,2-Dichloroethene
 Concen: 20.136 ug/l
 RT: 6.884 min Scan# 84
 Delta R.T. -0.018 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

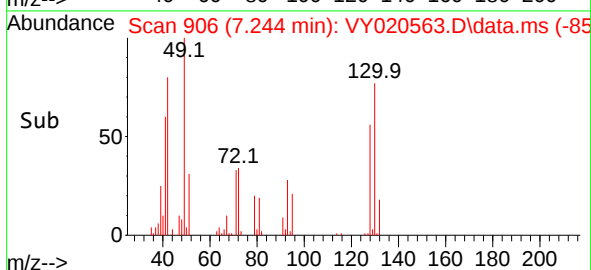
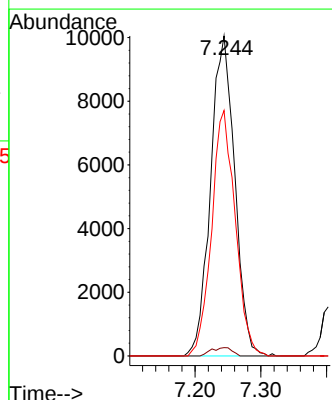
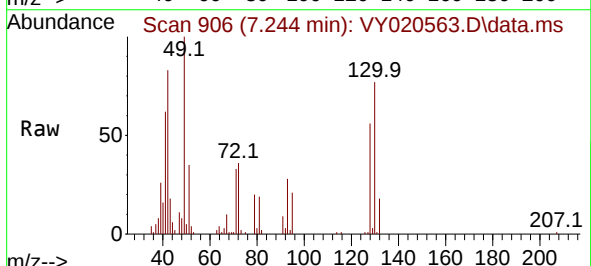
Instrument :
 MSVOA_Y
 ClientSampleId :

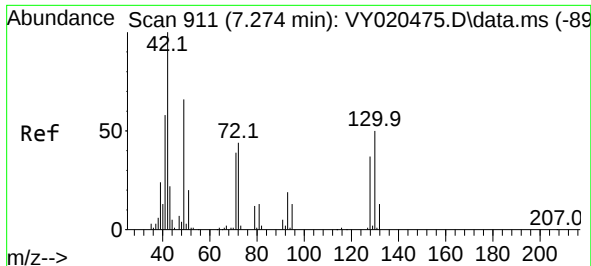
Tgt Ion: 96 Resp: 44915
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 312.4
 98 63.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.747 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

Tgt Ion: 49 Resp: 25709
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.0
 130 75.0 55.0 82.6





#29

Tetrahydrofuran

Concen: 112.400 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY020563.D

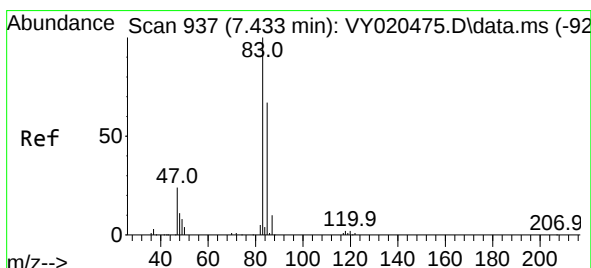
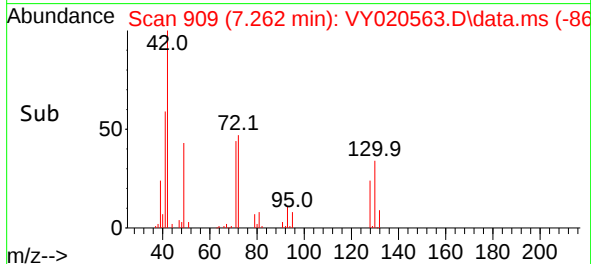
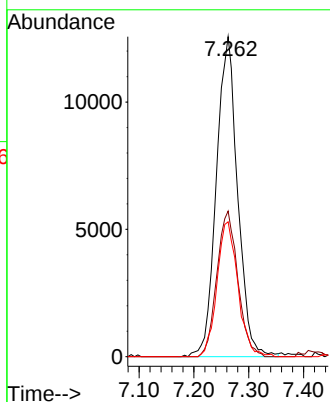
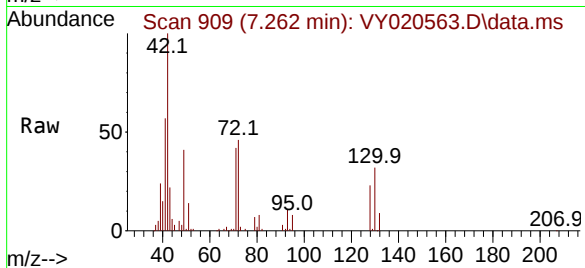
Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	33924
Ion	Ratio	Lower	Upper
42	100		
72	44.8	33.4	50.0
71	41.5	31.9	47.9



#30

Chloroform

Concen: 19.626 ug/l

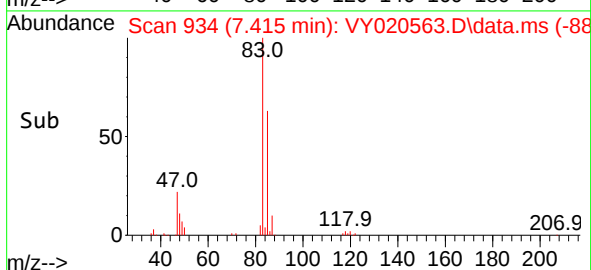
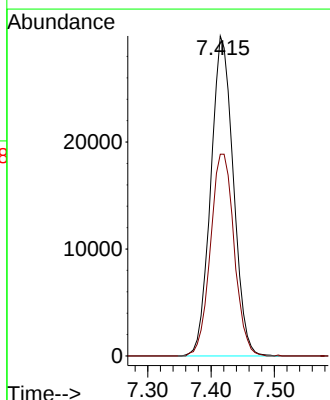
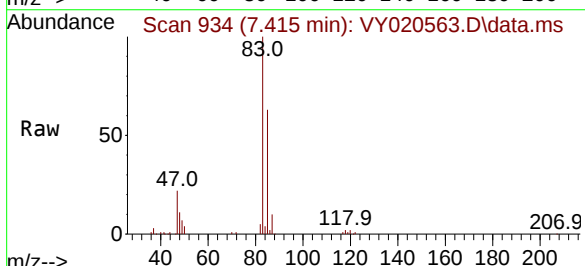
RT: 7.415 min Scan# 934

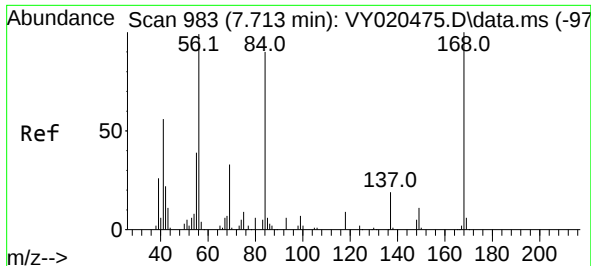
Delta R.T. -0.018 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

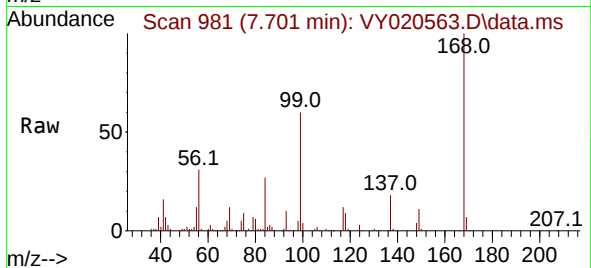
Tgt Ion:	83	Resp:	73968
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5



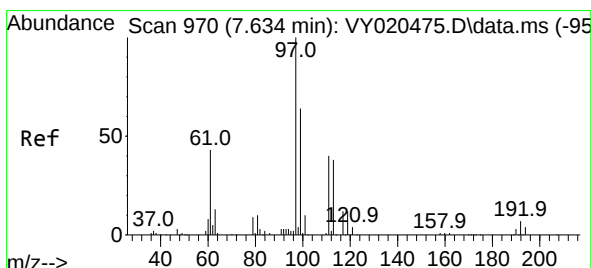
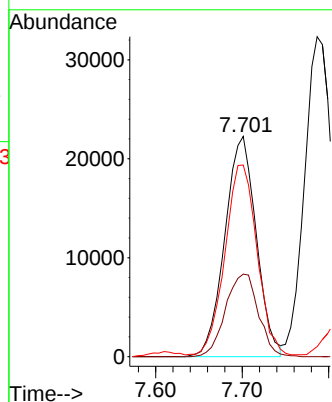
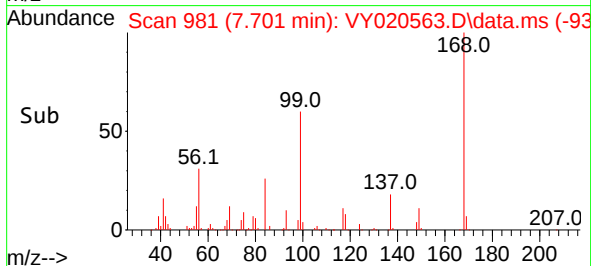


#31
Cyclohexane
Concen: 16.886 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

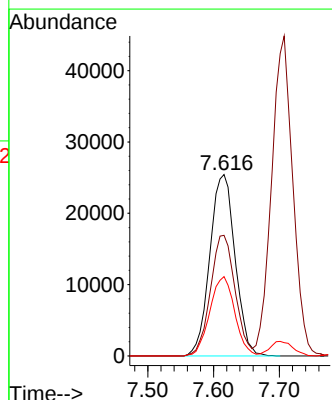
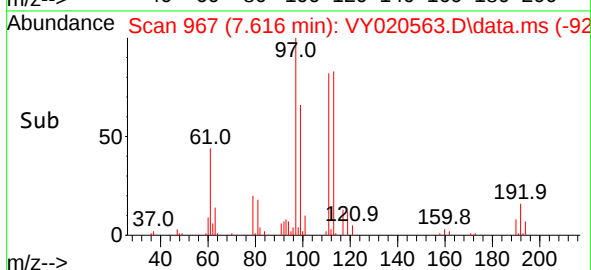
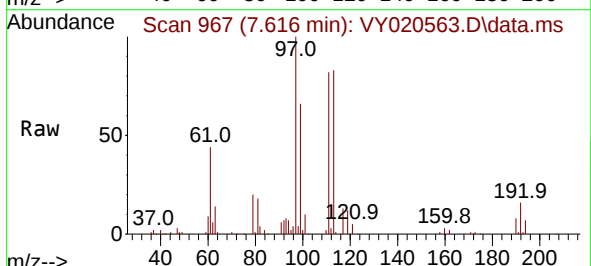


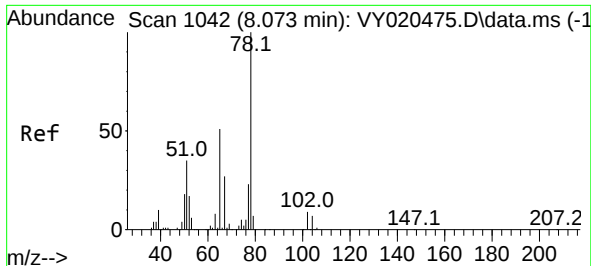
Tgt Ion: 56 Resp: 56061
Ion Ratio Lower Upper
56 100
69 37.5 25.3 37.9
84 85.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 18.726 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 97 Resp: 67959
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 43.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 50.190 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

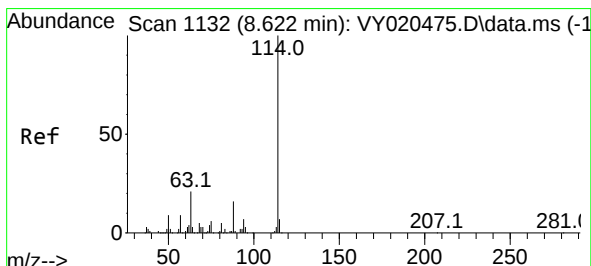
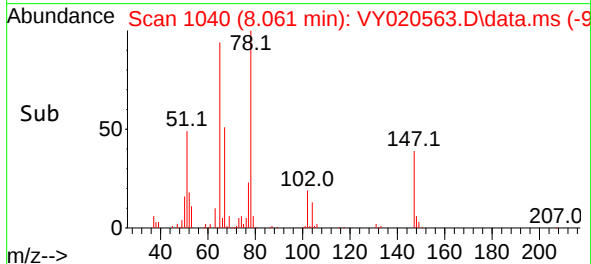
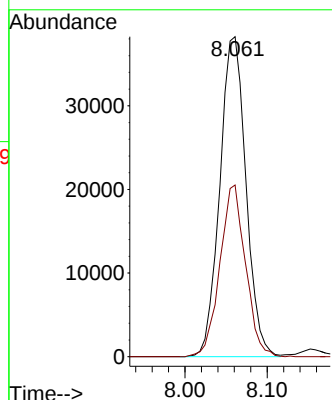
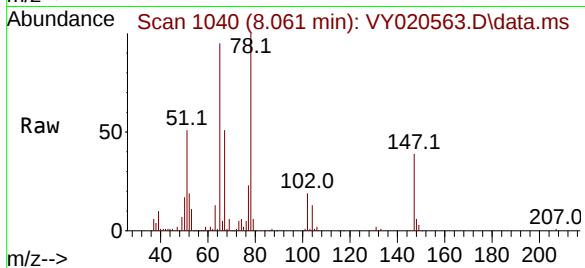
ClientSampleId :

Tgt Ion: 65 Resp: 84570

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

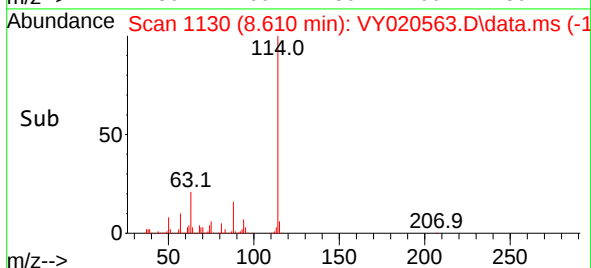
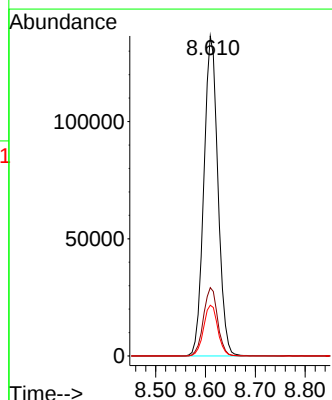
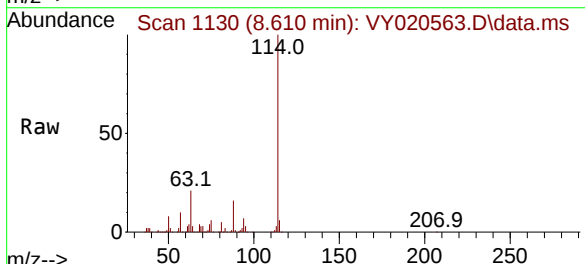
Tgt Ion: 114 Resp: 267297

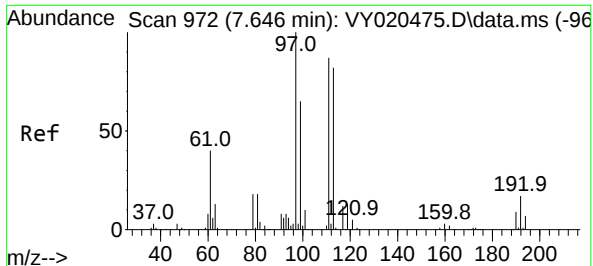
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

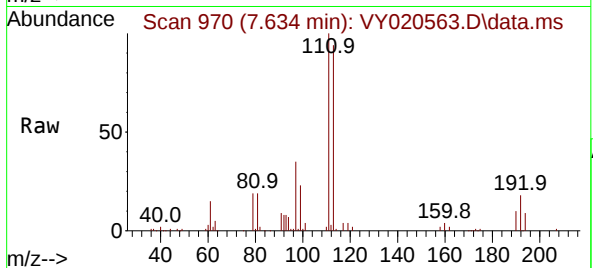
88 15.8 0.0 32.0



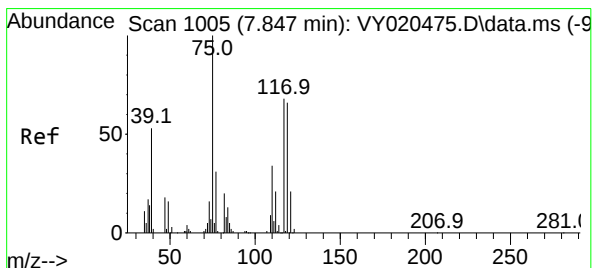
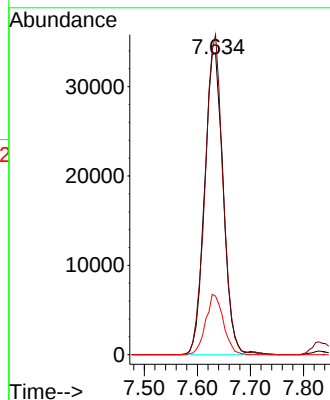
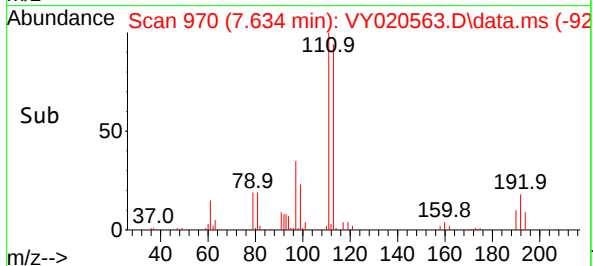


#35
Dibromofluoromethane
Concen: 49.147 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

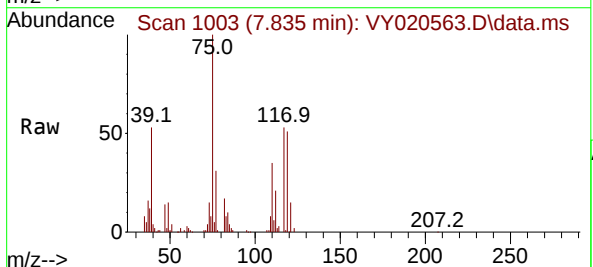
Instrument :
MSVOA_Y
ClientSampleId :



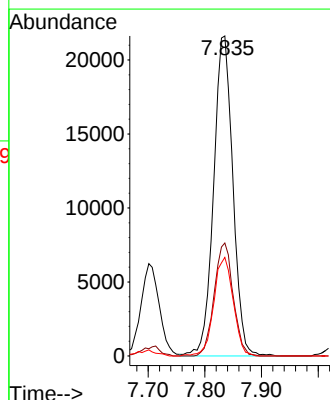
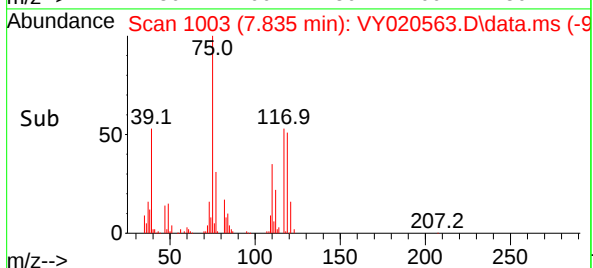
Tgt Ion:113 Resp: 82702
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 19.0 15.1 22.7

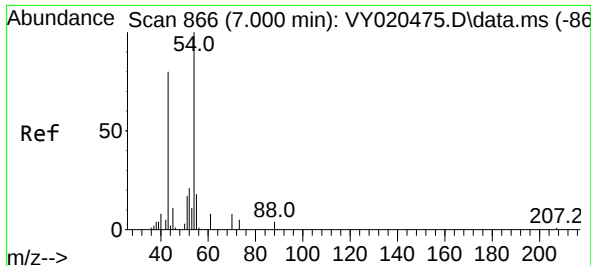


#36
1,1-Dichloropropene
Concen: 17.974 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17



Tgt Ion: 75 Resp: 51078
Ion Ratio Lower Upper
75 100
110 34.6 16.7 50.0
77 31.1 24.6 36.8

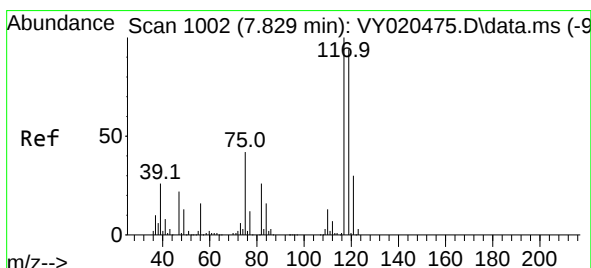
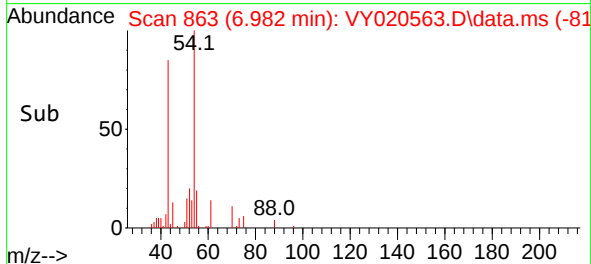
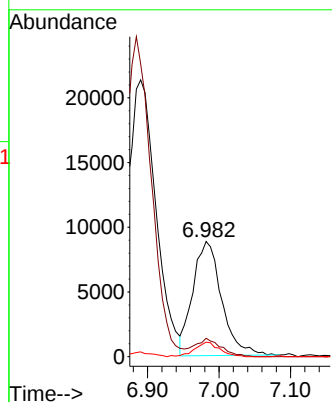
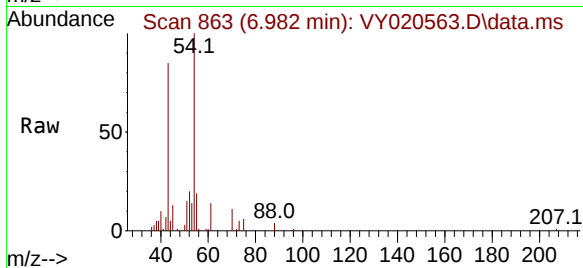




#37
Ethyl Acetate
Concen: 21.870 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

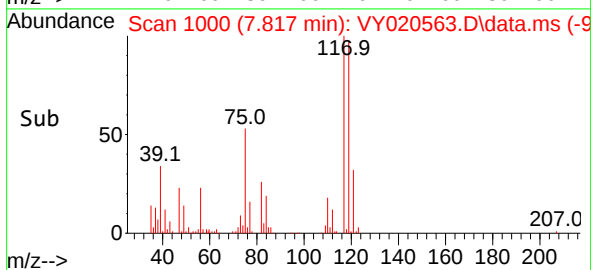
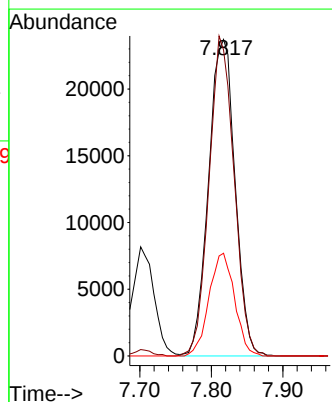
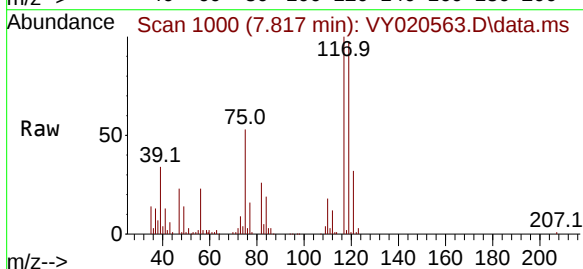
Instrument :
MSVOA_Y
ClientSampleId :

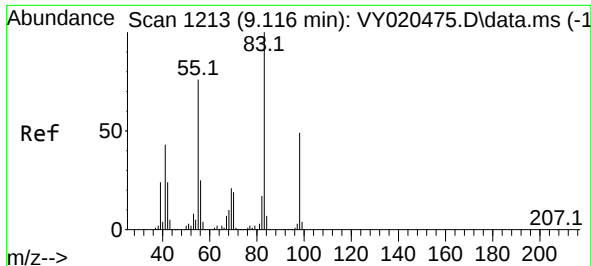
Tgt Ion: 43 Resp: 24621
Ion Ratio Lower Upper
43 100
61 14.8 10.7 16.1
70 11.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 17.987 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 117 Resp: 61004
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
121 32.4 24.6 37.0





#39

Methylcyclohexane

Concen: 16.588 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

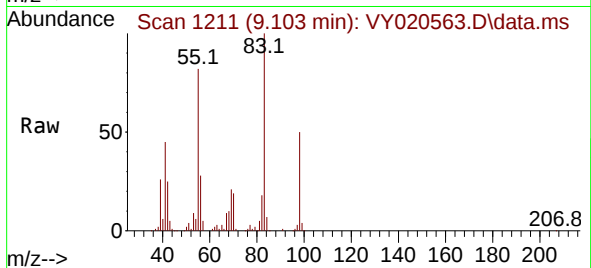
Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

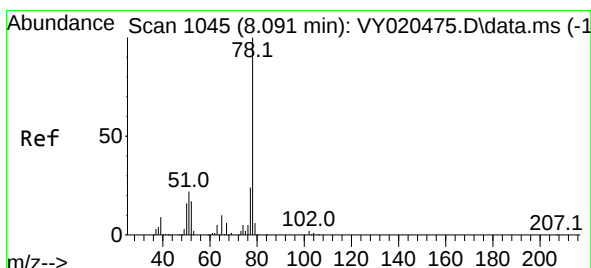
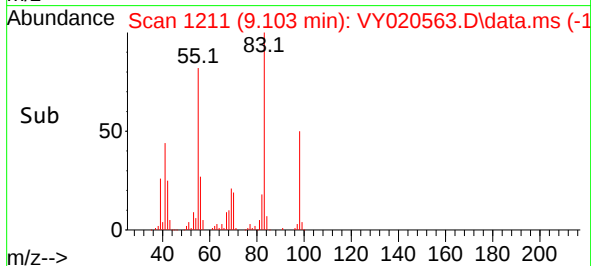
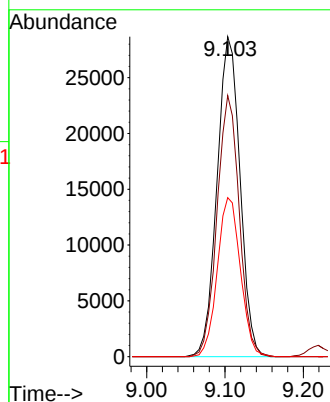
MSVOA_Y

ClientSampleId :



Tgt Ion: 83 Resp: 58493

Ion	Ratio	Lower	Upper
83	100		
55	81.6	62.6	93.8
98	49.7	37.0	55.4



#40

Benzene

Concen: 18.829 ug/l

RT: 8.079 min Scan# 1043

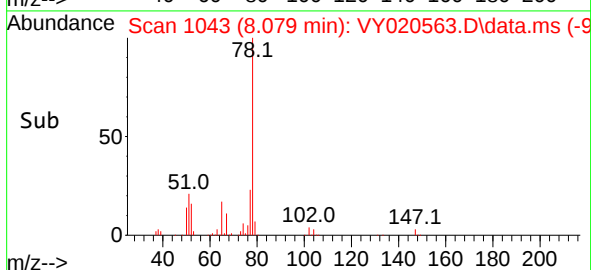
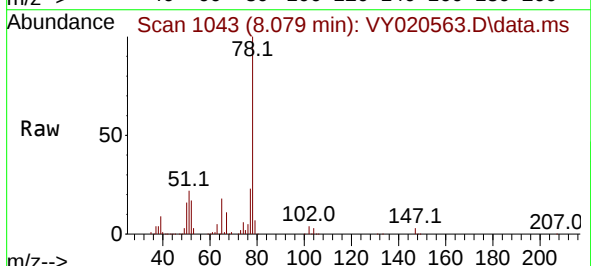
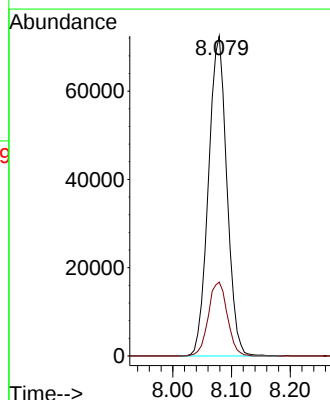
Delta R.T. -0.012 min

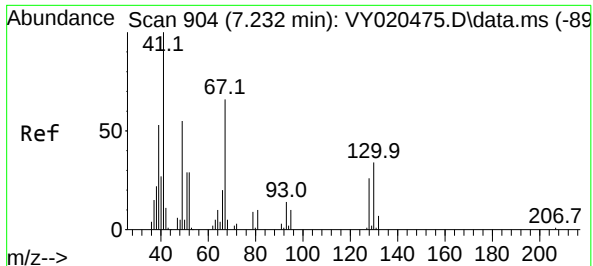
Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Tgt Ion: 78 Resp: 157760

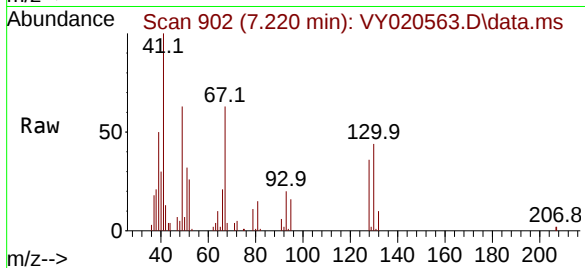
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0



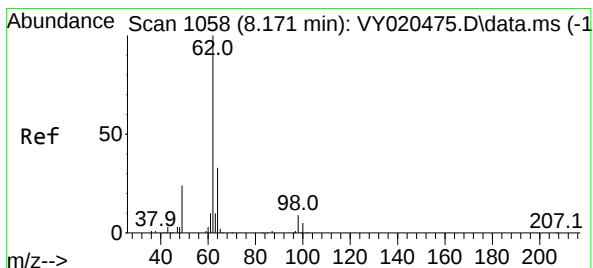
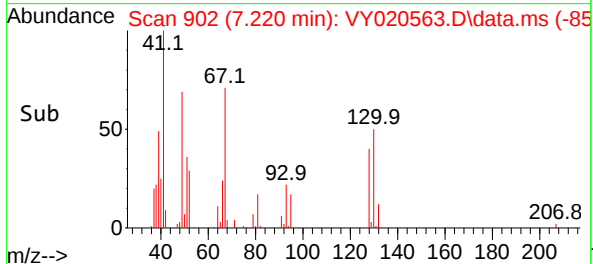
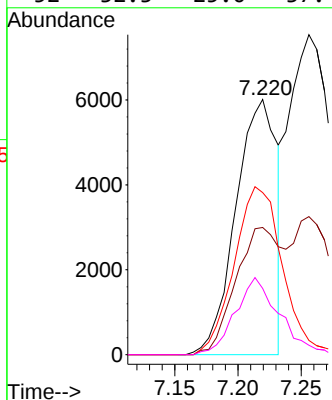


#41
Methacrylonitrile
Concen: 21.219 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

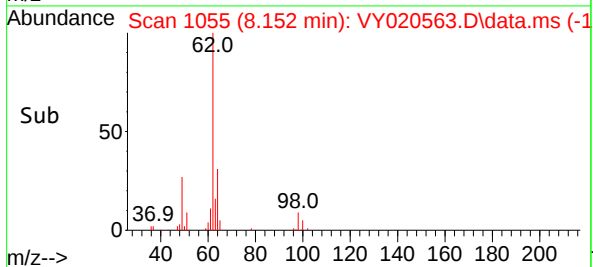
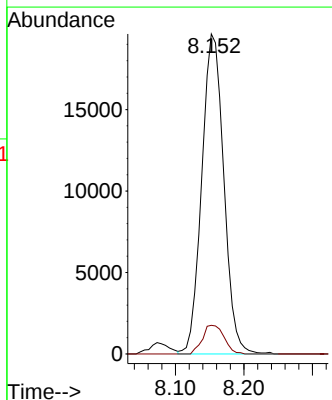
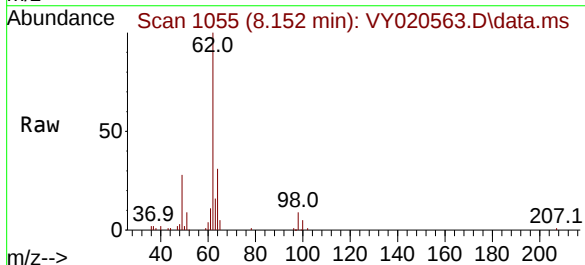


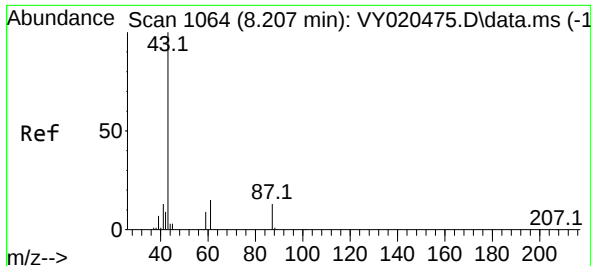
Tgt Ion:	41	Resp:	13580
Ion	Ratio	Lower	Upper
41	100		
39	57.5	49.0	73.4
67	77.3	57.1	85.7
52	32.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.956 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.018 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion:	62	Resp:	43934
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

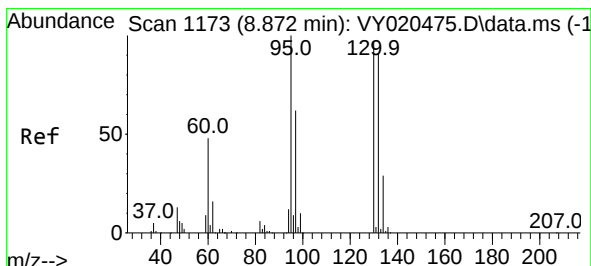
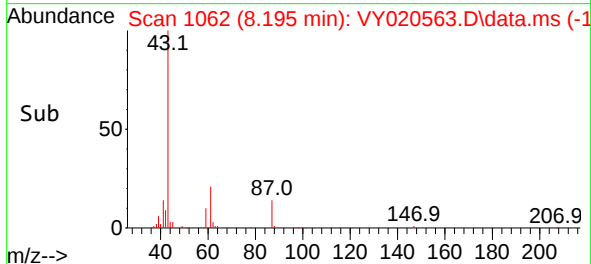
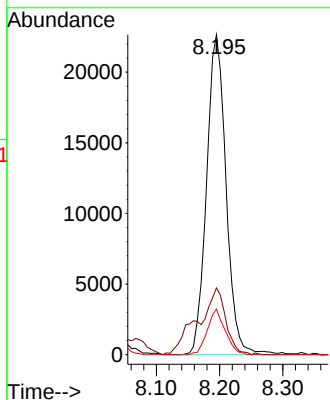
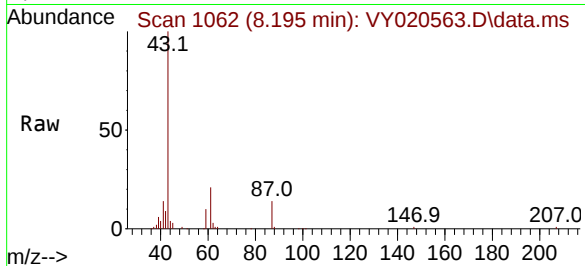




#43
Isopropyl Acetate
Concen: 21.388 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

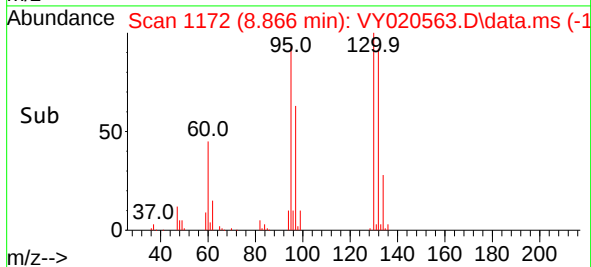
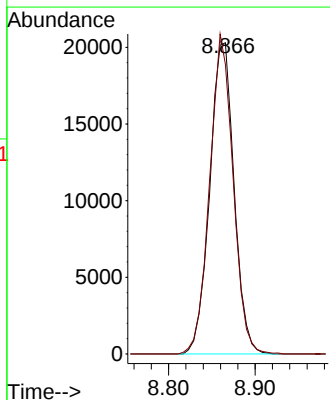
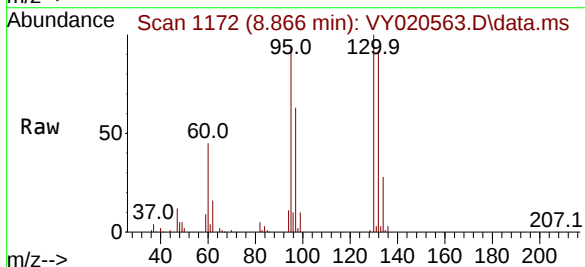
Instrument :
MSVOA_Y
ClientSampleId :

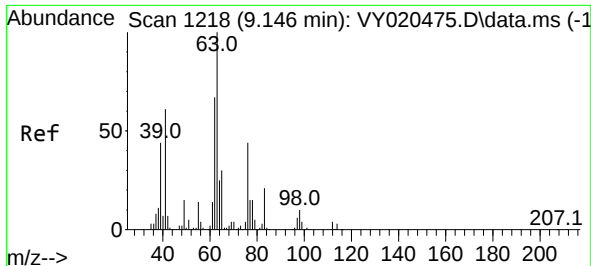
Tgt Ion: 43 Resp: 48623
Ion Ratio Lower Upper
43 100
61 19.6 22.8 34.2#
87 13.0 9.6 14.4



#44
Trichloroethene
Concen: 19.166 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion:130 Resp: 39586
Ion Ratio Lower Upper
130 100
95 93.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.432 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

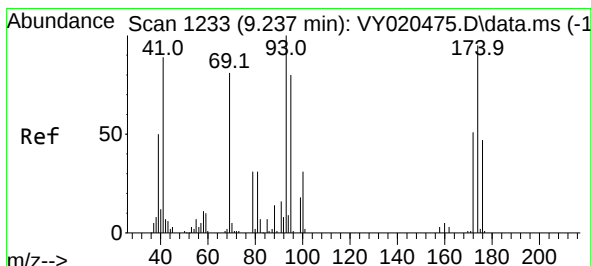
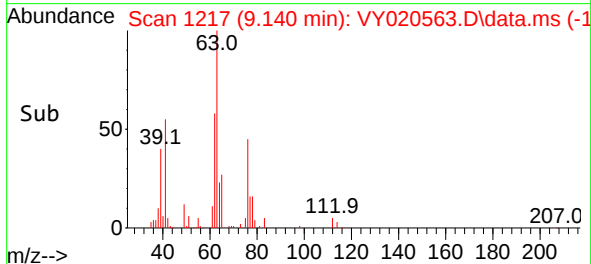
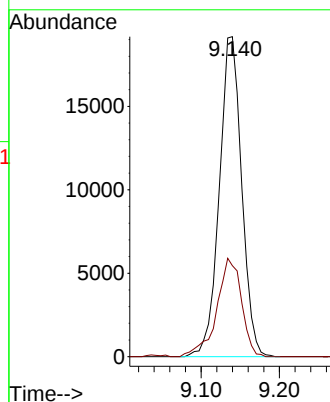
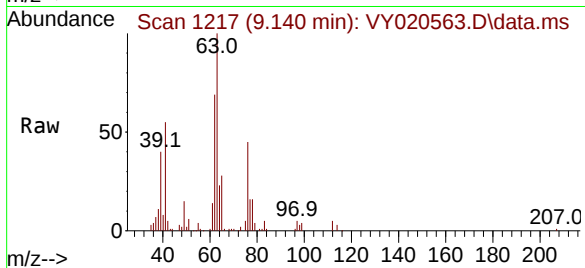
ClientSampleId :

Tgt Ion: 63 Resp: 38098

Ion Ratio Lower Upper

63 100

65 28.4 24.2 36.4



#46

Dibromomethane

Concen: 21.216 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

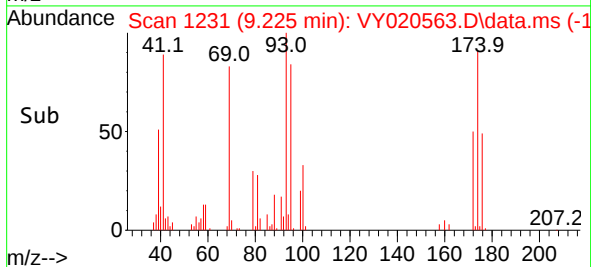
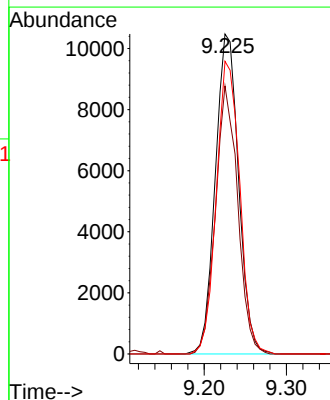
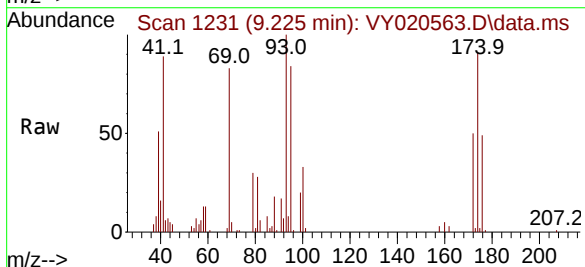
Tgt Ion: 93 Resp: 20595

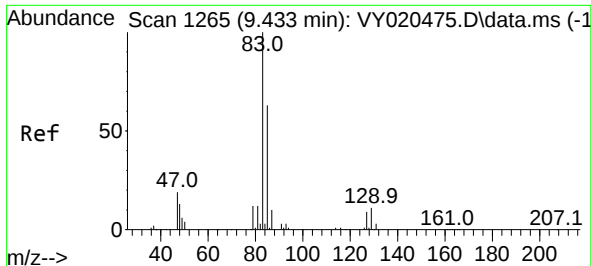
Ion Ratio Lower Upper

93 100

95 80.0 65.3 97.9

174 92.0 74.4 111.6

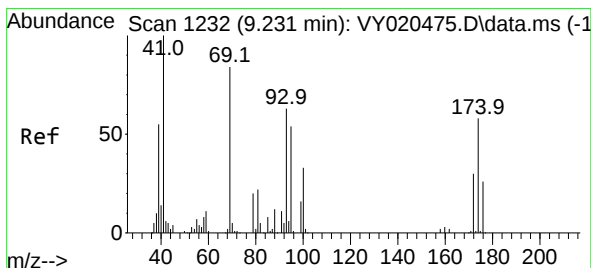
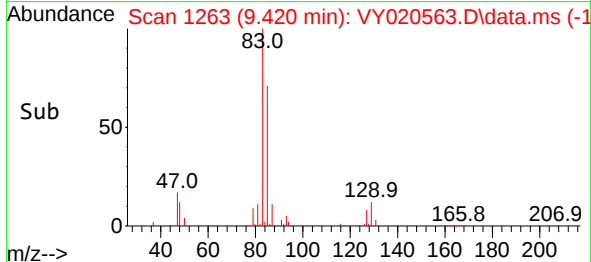
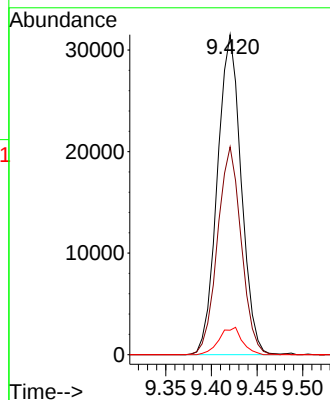
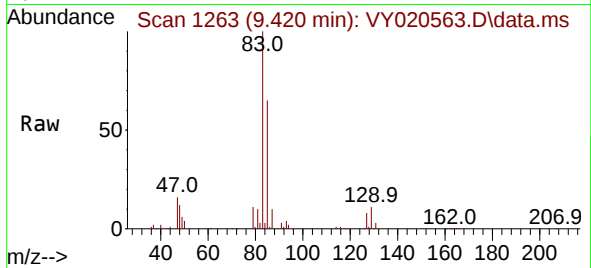




#47
Bromodichloromethane
Concen: 20.018 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

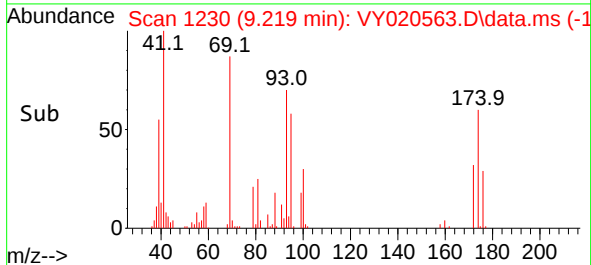
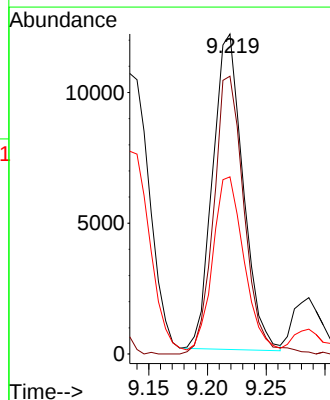
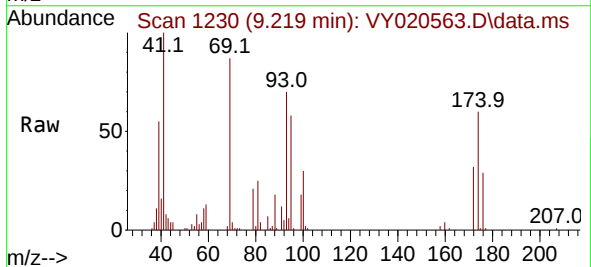
Instrument :
MSVOA_Y
ClientSampleId :

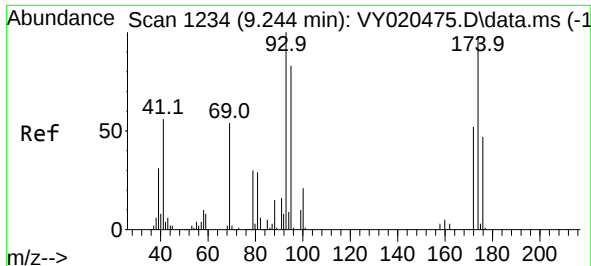
Tgt Ion: 83 Resp: 57254
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 20.480 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 41 Resp: 21711
Ion Ratio Lower Upper
41 100
69 88.1 66.1 99.1
39 58.9 46.0 69.0





#49

1,4-Dioxane

Concen: 505.444 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

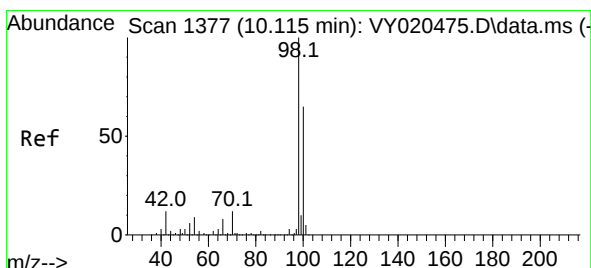
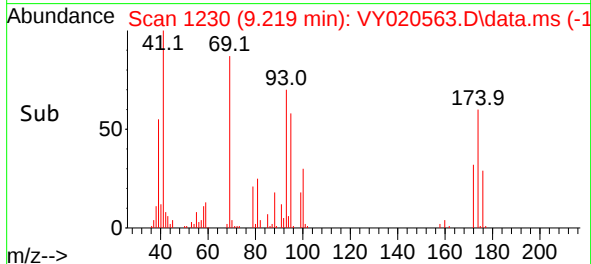
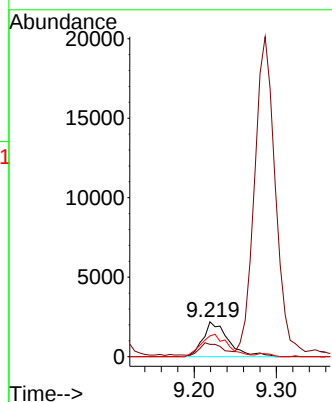
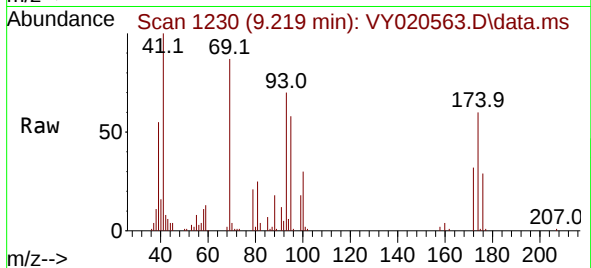
Tgt Ion: 88 Resp: 4690

Ion Ratio Lower Upper

88 100

43 32.1 24.6 37.0

58 67.1 59.6 89.4



#50

Toluene-d8

Concen: 47.780 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020563.D

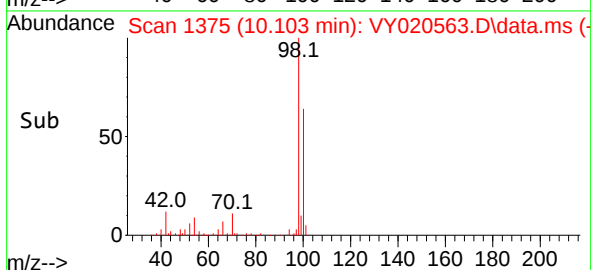
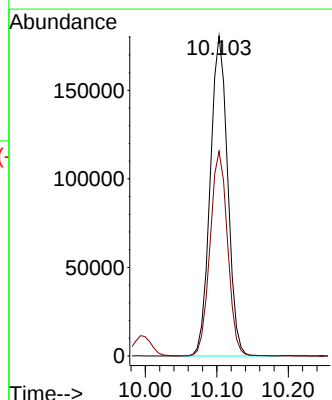
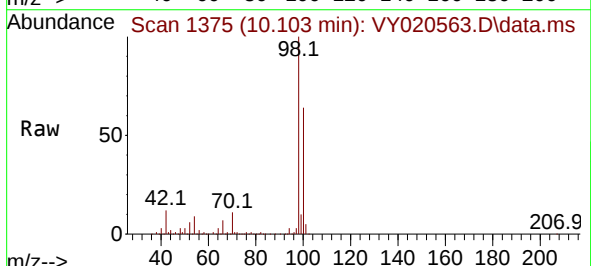
Acq: 10 Dec 2024 12:17

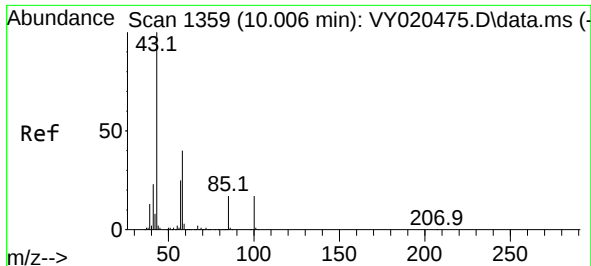
Tgt Ion: 98 Resp: 306158

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9

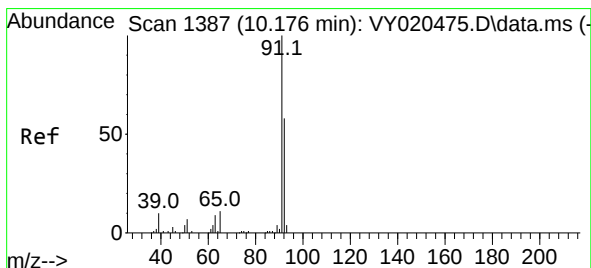
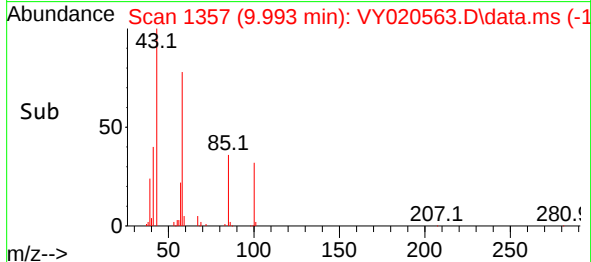
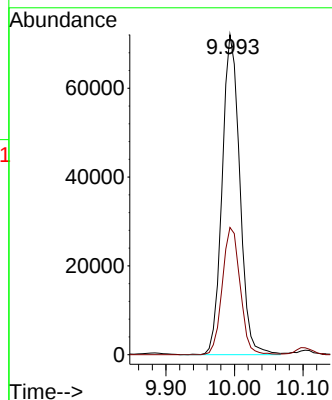
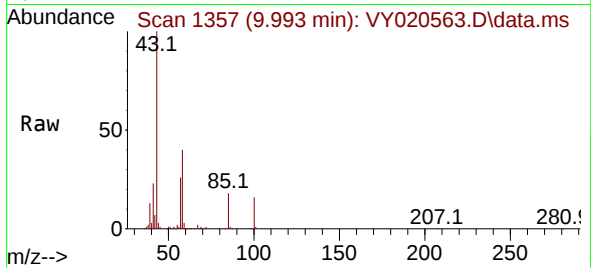




#51
4-Methyl-2-Pentanone
Concen: 114.485 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

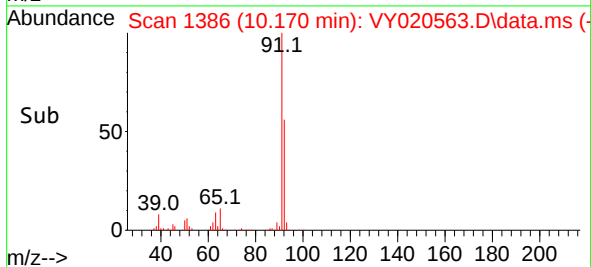
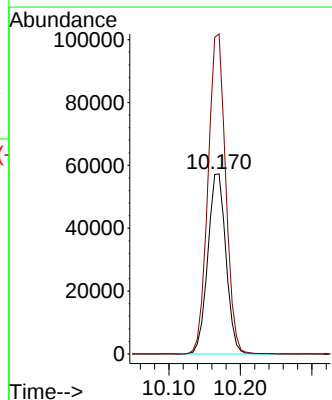
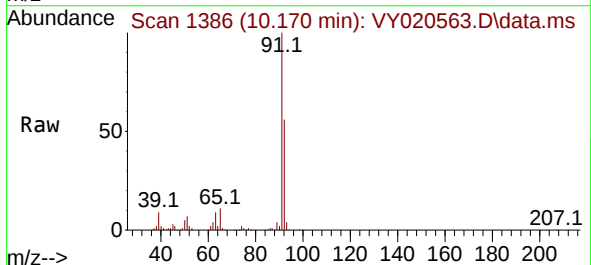
Instrument :
MSVOA_Y
ClientSampleId :

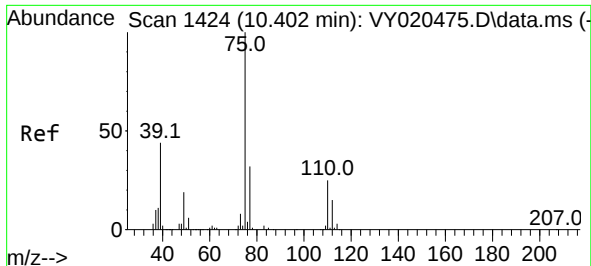
Tgt Ion: 43 Resp: 128530
Ion Ratio Lower Upper
43 100
58 40.2 30.9 46.3



#52
Toluene
Concen: 19.293 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 92 Resp: 100854
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.105 ug/l

RT: 10.390 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

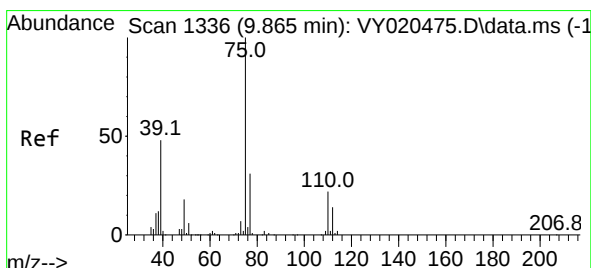
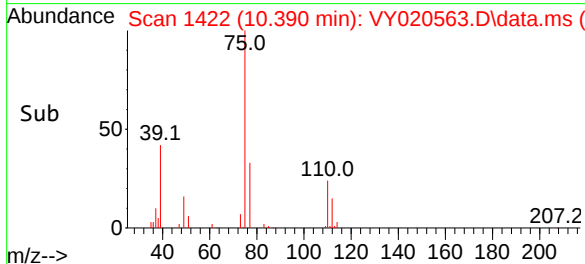
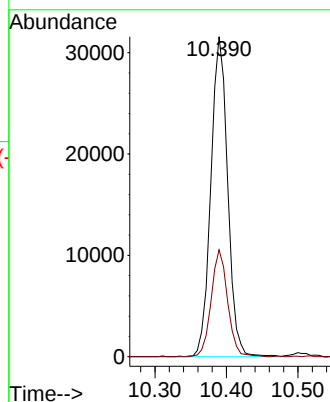
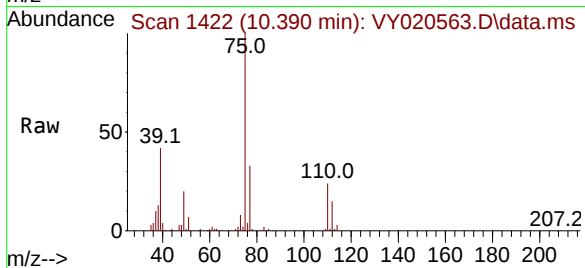
ClientSampleId :

Tgt Ion: 75 Resp: 51624

Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.055 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

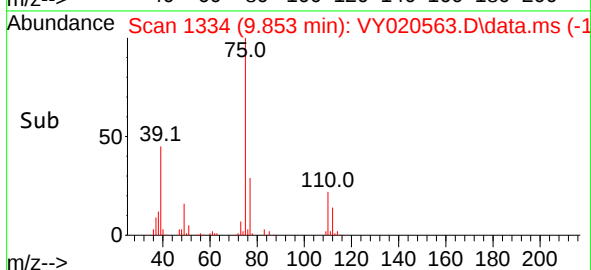
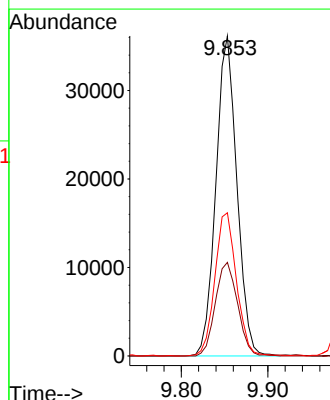
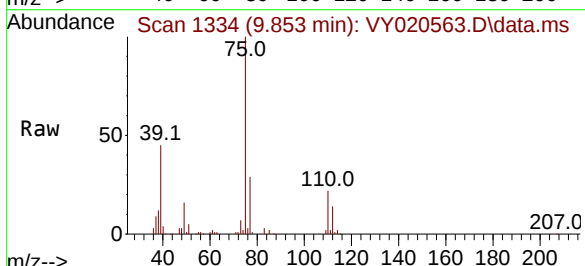
Tgt Ion: 75 Resp: 60859

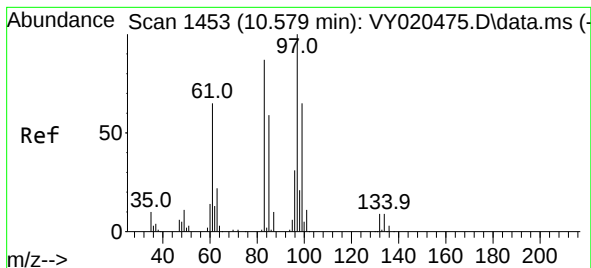
Ion Ratio Lower Upper

75 100

77 29.2 25.0 37.4

39 44.8 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 21.030 ug/l

RT: 10.567 min Scan# 14

Delta R.T. -0.012 min

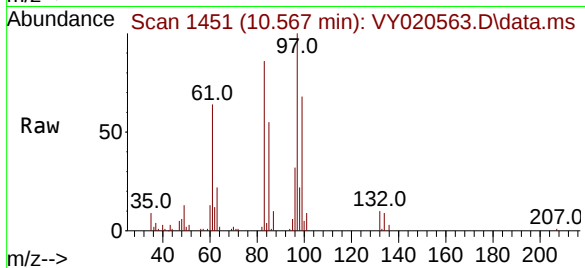
Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 27233

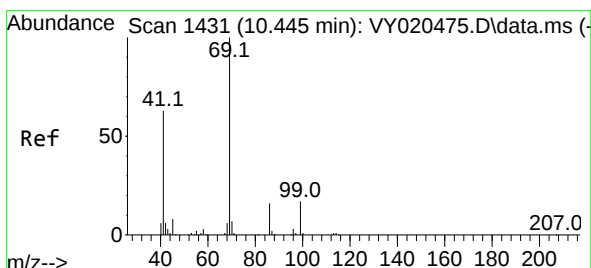
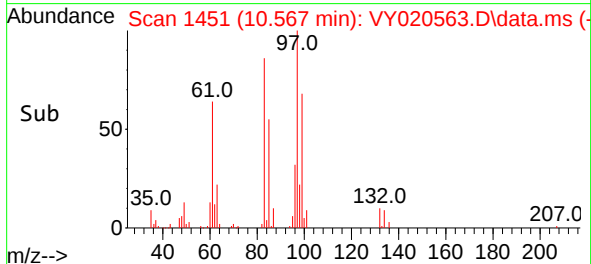
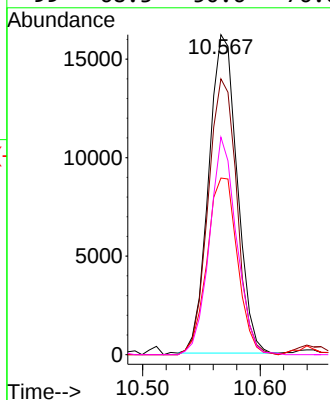
Ion Ratio Lower Upper

97 100

83 86.6 70.8 106.2

85 55.5 44.9 67.3

99 68.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 21.376 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

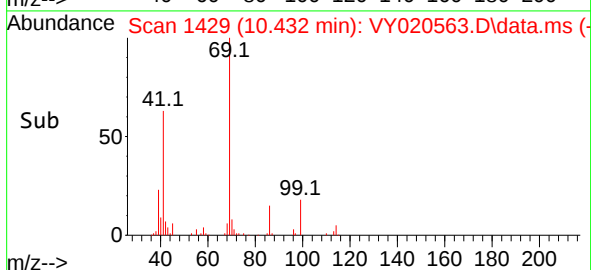
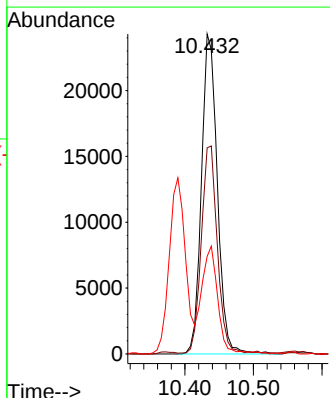
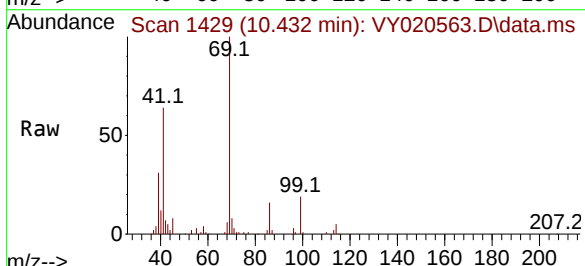
Tgt Ion: 69 Resp: 39166

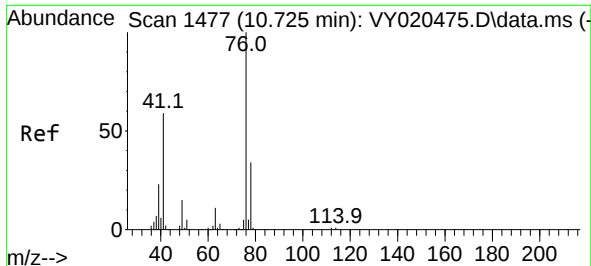
Ion Ratio Lower Upper

69 100

41 65.1 56.1 84.1

39 34.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 20.737 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

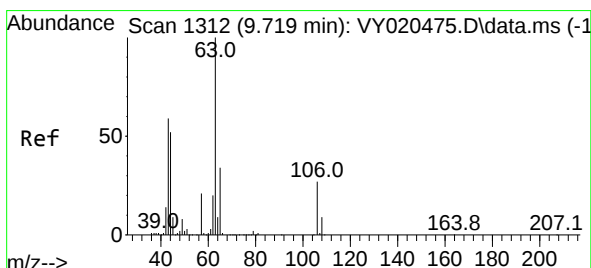
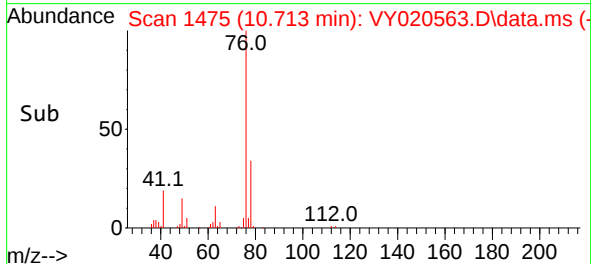
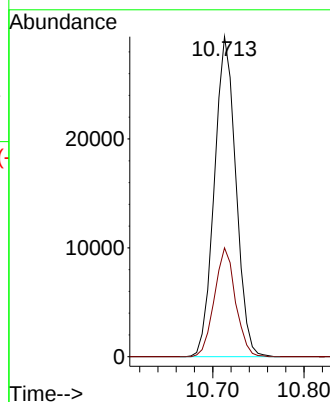
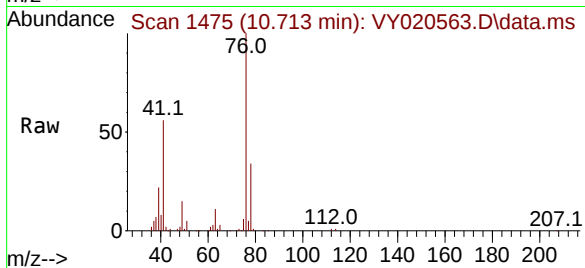
ClientSampleId :

Tgt Ion: 76 Resp: 48087

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.991 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020563.D

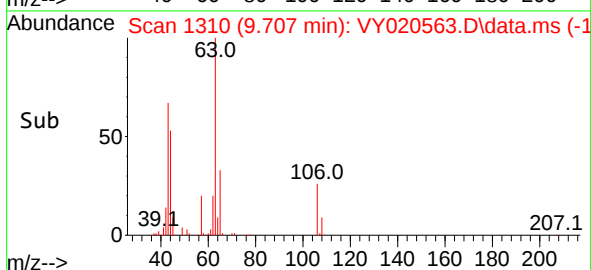
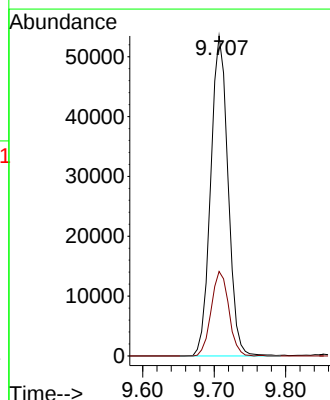
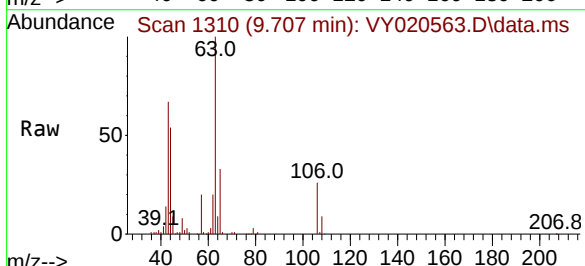
Acq: 10 Dec 2024 12:17

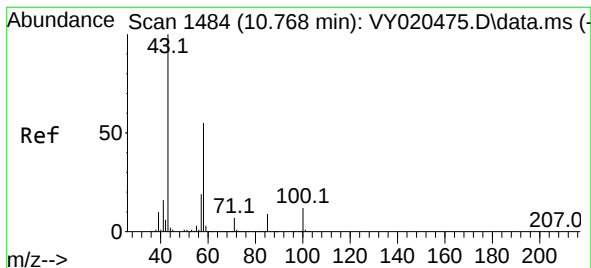
Tgt Ion: 63 Resp: 90070

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

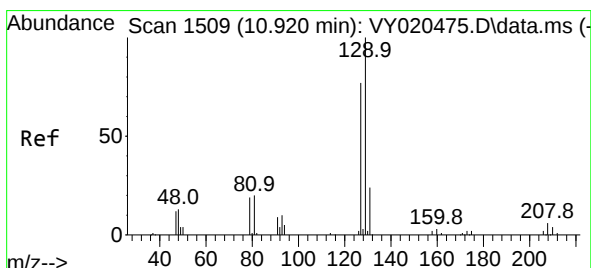
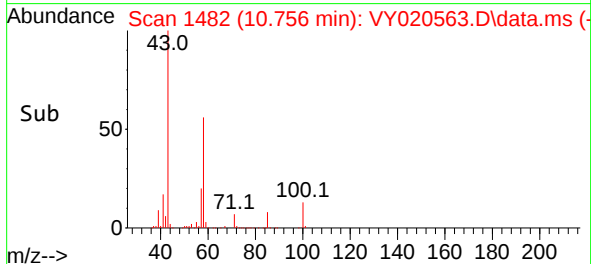
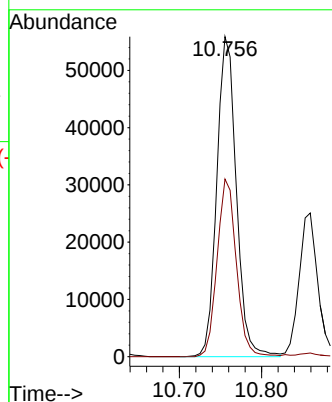
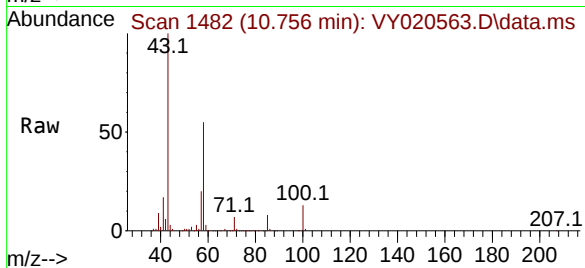




#59
2-Hexanone
Concen: 113.954 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

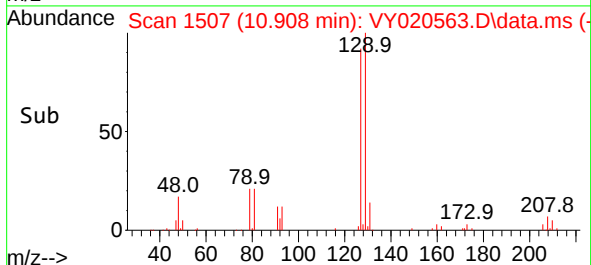
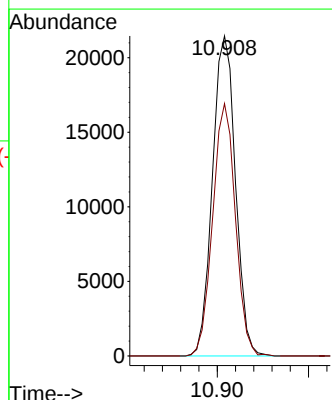
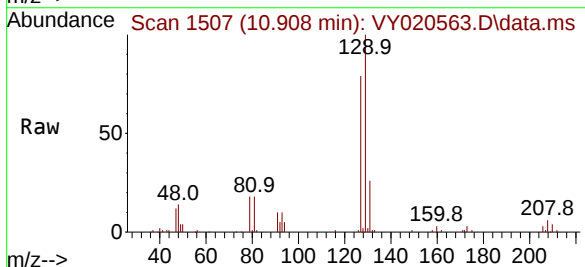
Instrument :
MSVOA_Y
ClientSampleId :

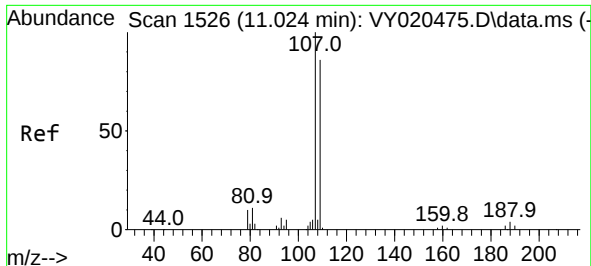
Tgt Ion: 43 Resp: 92293
Ion Ratio Lower Upper
43 100
58 54.7 26.4 79.2



#60
Dibromochloromethane
Concen: 20.816 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 129 Resp: 37529
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9

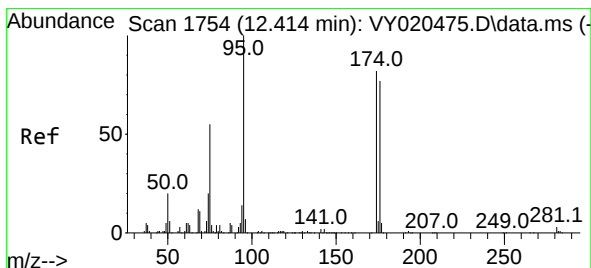
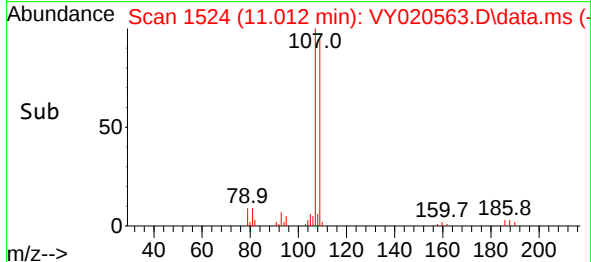
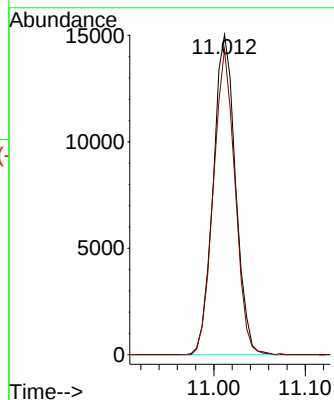
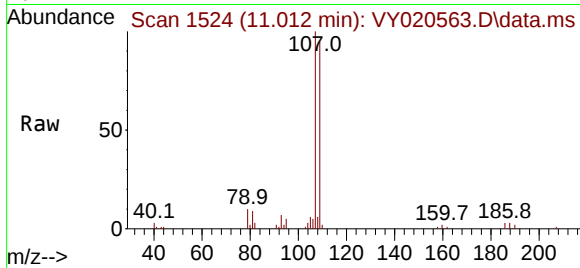




#61
1,2-Dibromoethane
Concen: 21.510 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

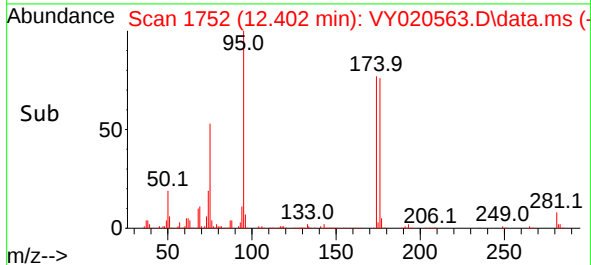
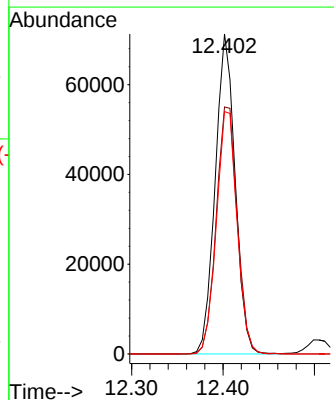
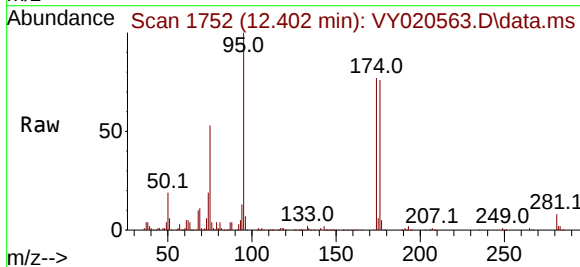
Instrument :
MSVOA_Y
ClientSampleId :

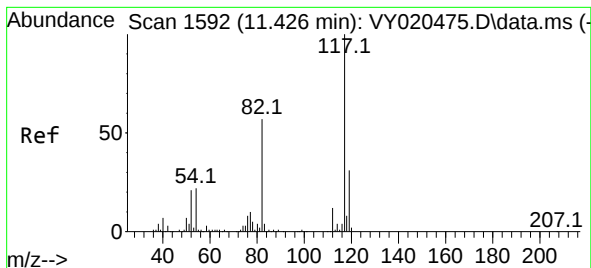
Tgt Ion:107 Resp: 25472
Ion Ratio Lower Upper
107 100
109 92.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 95 Resp: 108196
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 78.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

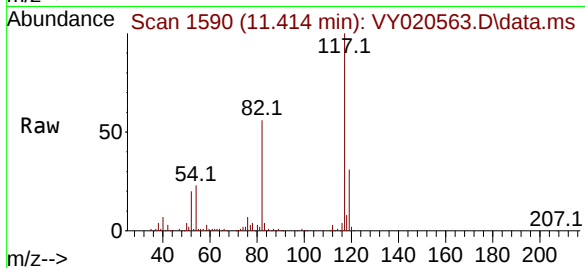
Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :



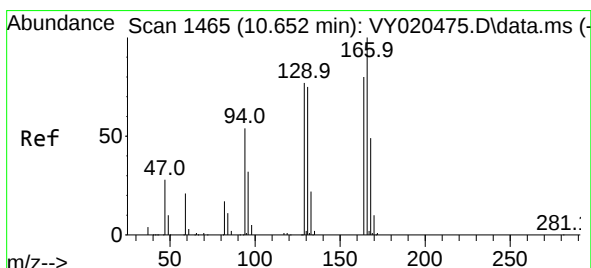
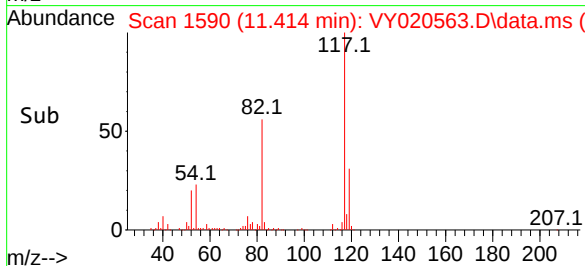
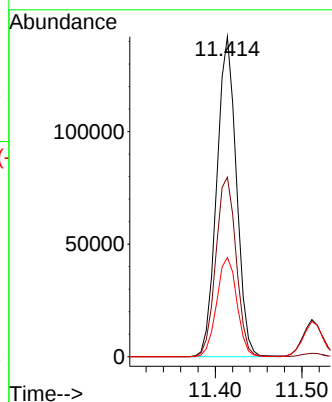
Tgt Ion:117 Resp: 223946

Ion Ratio Lower Upper

117 100

82 56.1 48.2 72.4

119 31.0 25.8 38.8



#64

Tetrachloroethene

Concen: 18.448 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Tgt Ion:164 Resp: 34909

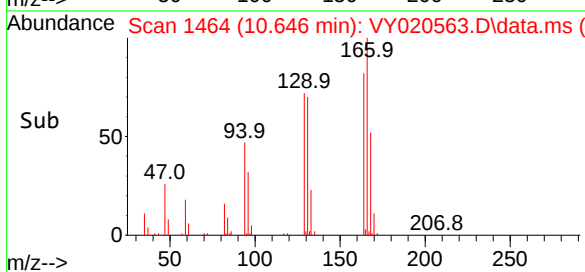
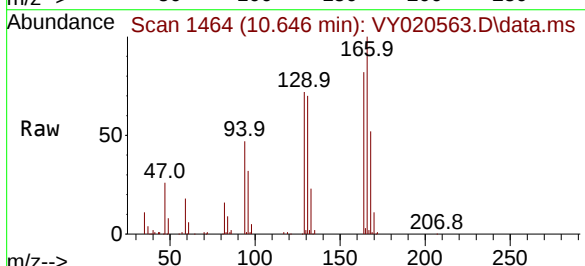
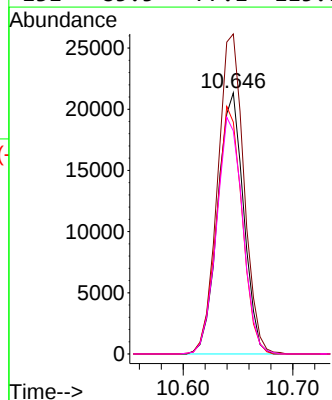
Ion Ratio Lower Upper

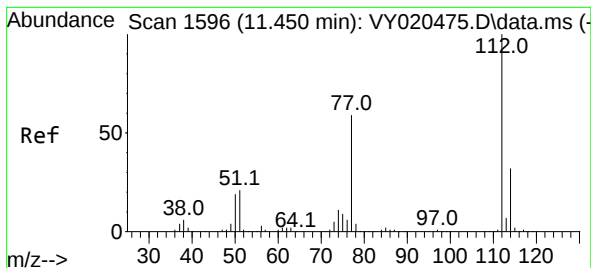
164 100

166 122.6 103.8 155.8

129 88.8 79.0 118.4

131 85.5 77.1 115.7

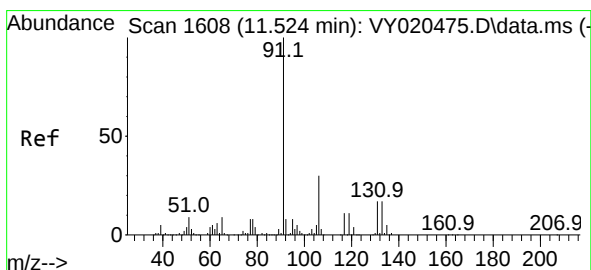
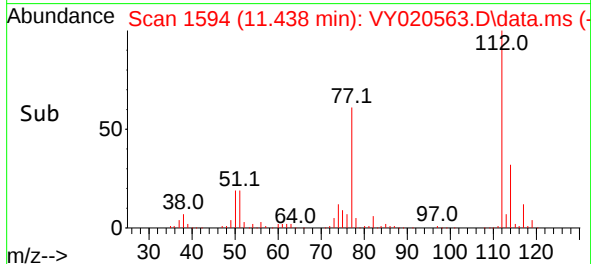
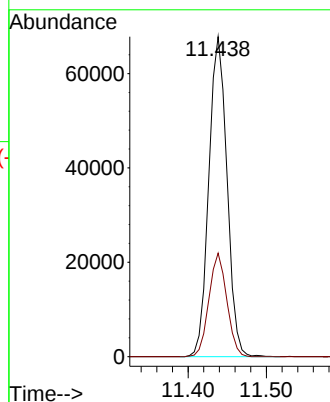
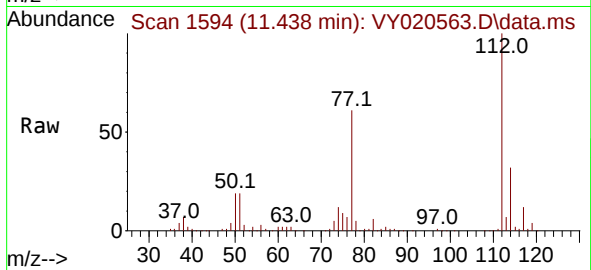




#65
Chlorobenzene
Concen: 19.444 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

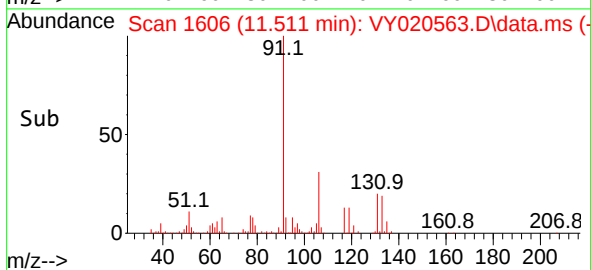
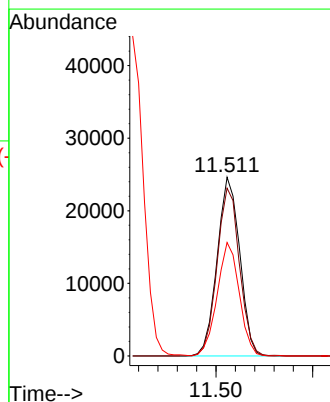
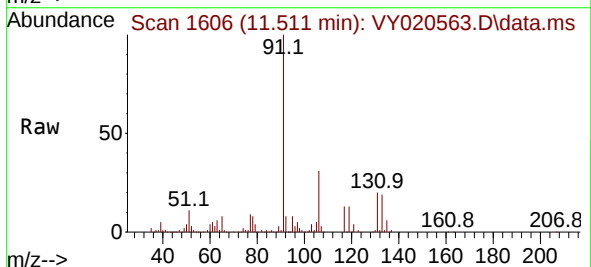
Instrument :
MSVOA_Y
ClientSampleId :

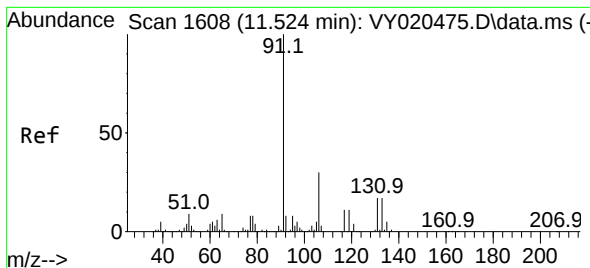
Tgt Ion:112 Resp: 109147
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.054 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion:131 Resp: 39922
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 62.1 32.5 97.5





#67

Ethyl Benzene

Concen: 18.865 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

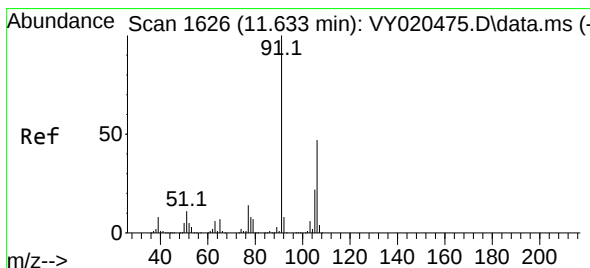
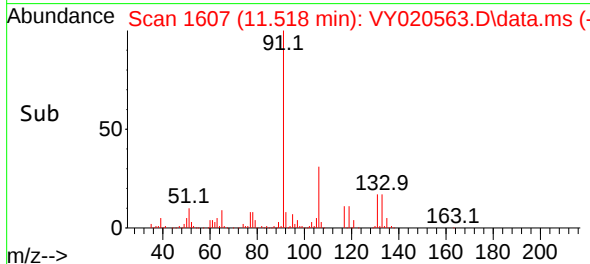
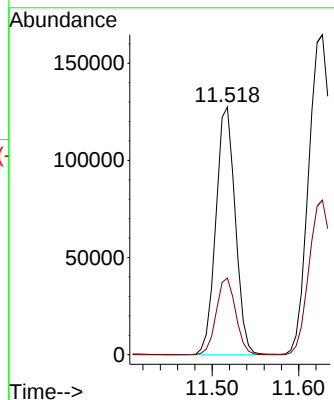
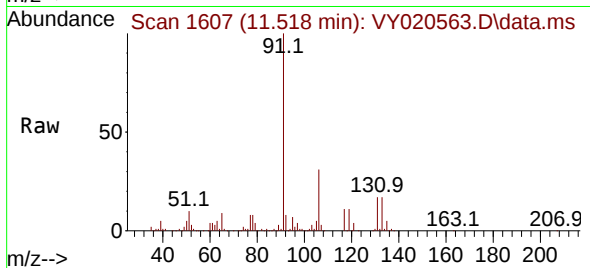
ClientSampleId :

Tgt Ion: 91 Resp: 198492

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 38.290 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020563.D

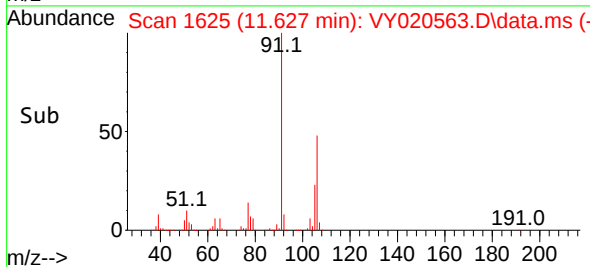
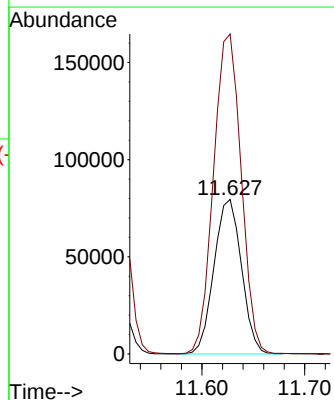
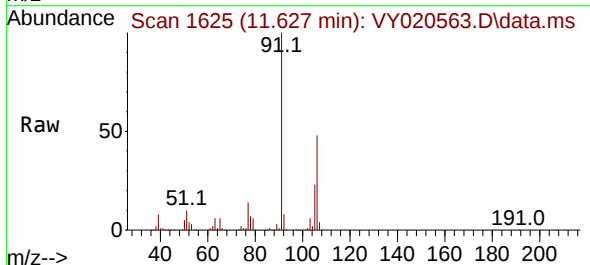
Acq: 10 Dec 2024 12:17

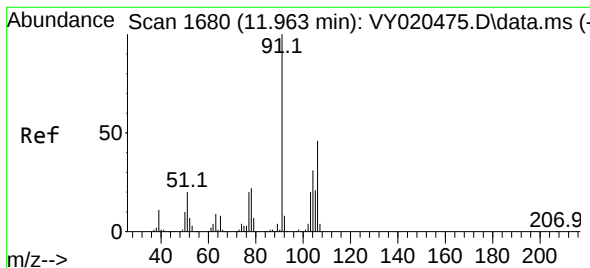
Tgt Ion:106 Resp: 147521

Ion Ratio Lower Upper

106 100

91 208.8 166.0 249.0





#69

o-Xylene

Concen: 19.651 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

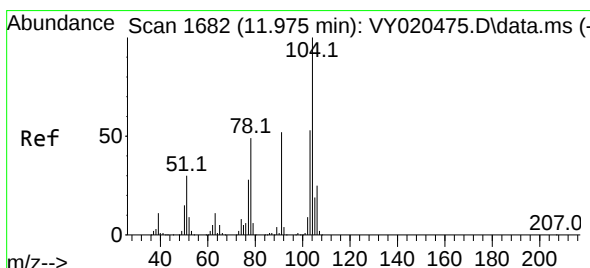
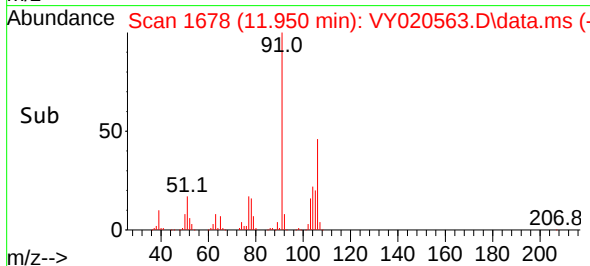
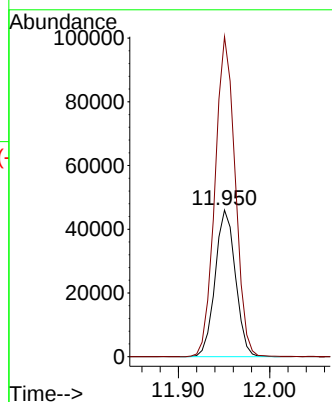
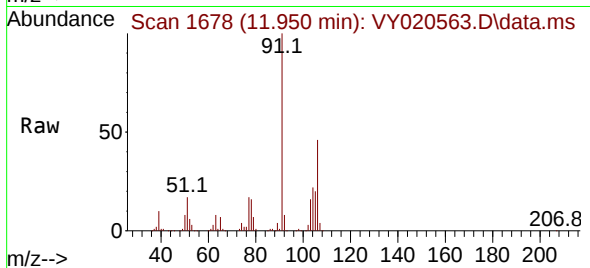
ClientSampleId :

Tgt Ion:106 Resp: 70928

Ion Ratio Lower Upper

106 100

91 217.5 110.0 330.0



#70

Styrene

Concen: 19.975 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

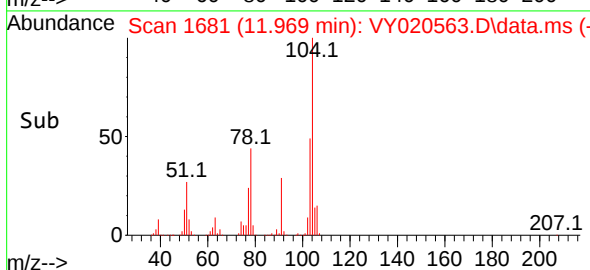
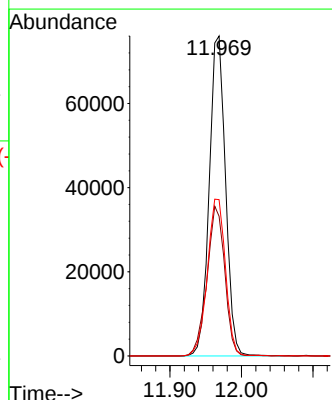
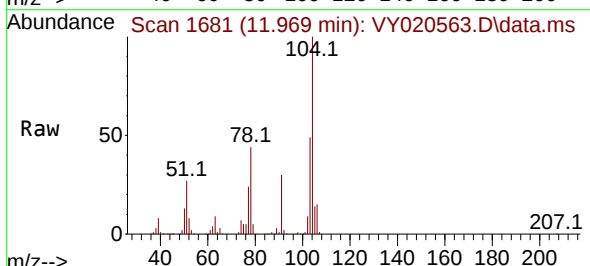
Tgt Ion:104 Resp: 120287

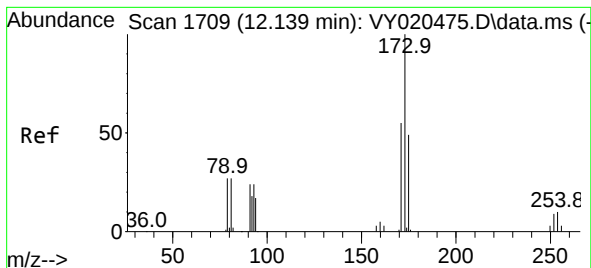
Ion Ratio Lower Upper

104 100

78 51.1 41.4 62.2

103 54.7 44.2 66.4





#71

Bromoform

Concen: 21.853 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

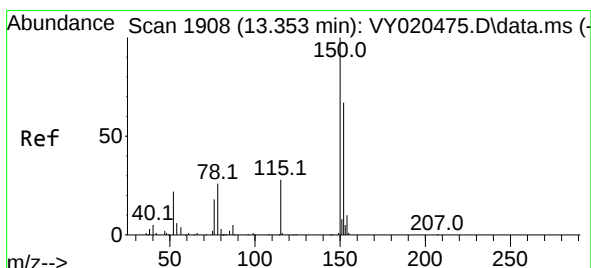
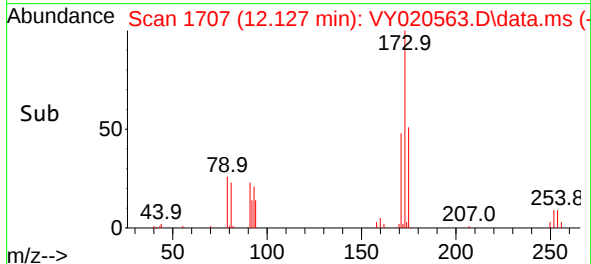
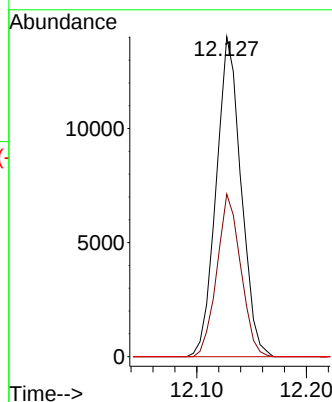
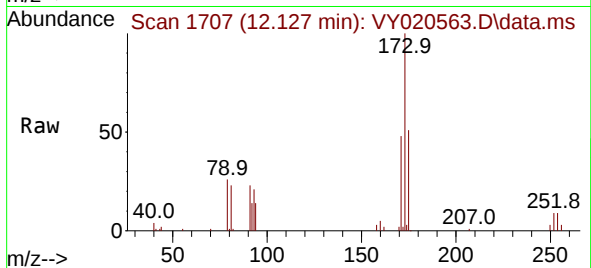
Tgt Ion:173 Resp: 22118

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

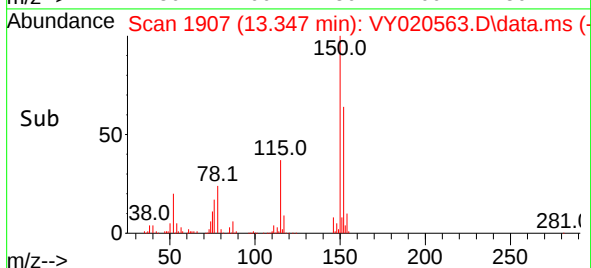
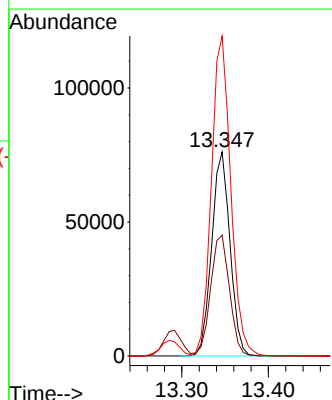
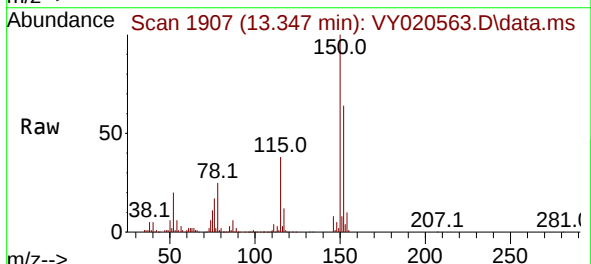
Tgt Ion:152 Resp: 111842

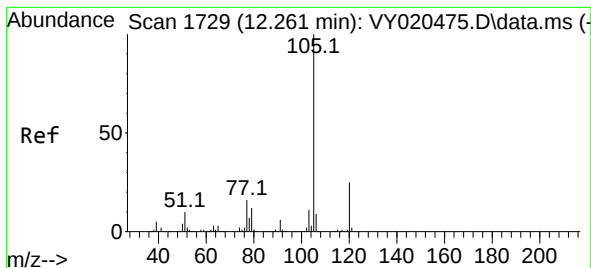
Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 165.4 0.0 348.2





#73

Isopropylbenzene

Concen: 17.598 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

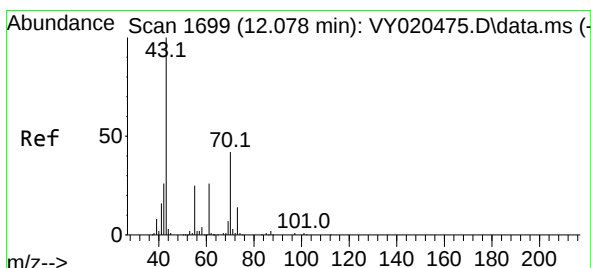
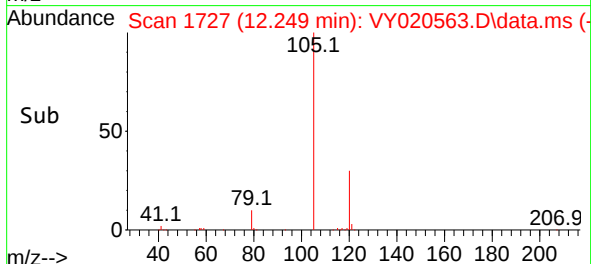
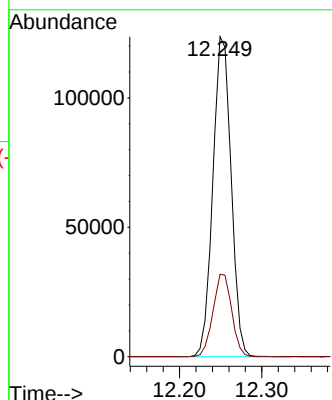
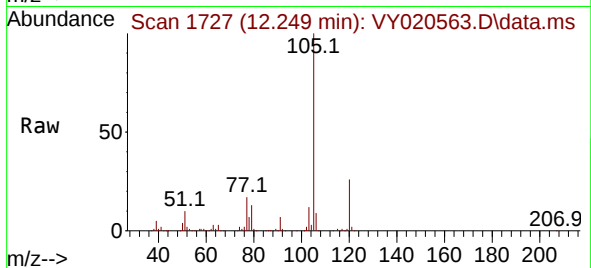
ClientSampleId :

Tgt Ion:105 Resp: 190432

Ion Ratio Lower Upper

105 100

120 26.4 12.7 38.1



#74

N-ethyl acetate

Concen: 20.541 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Tgt Ion: 43 Resp: 43567

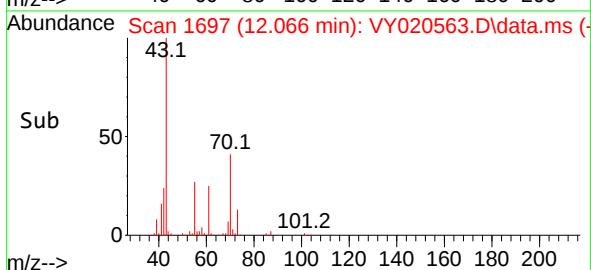
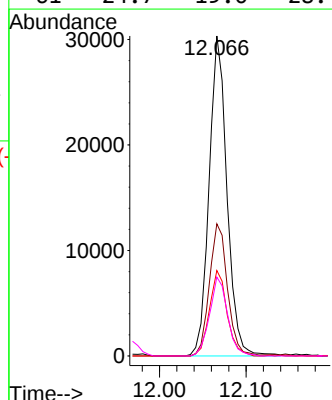
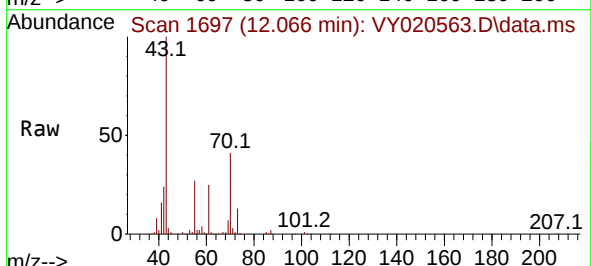
Ion Ratio Lower Upper

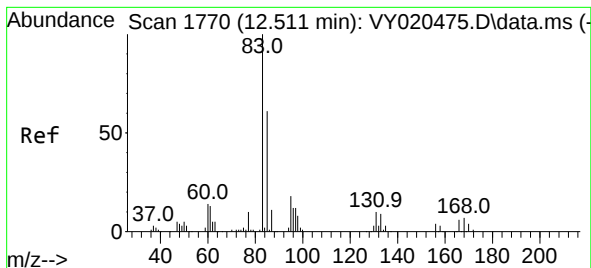
43 100

70 41.8 32.9 49.3

55 26.3 19.3 28.9

61 24.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.539 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

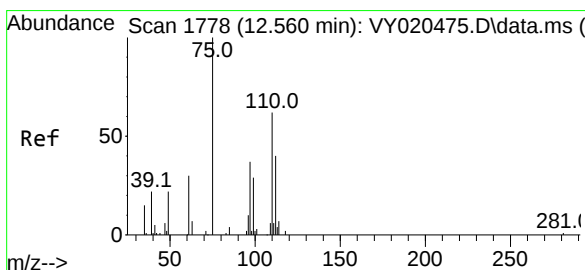
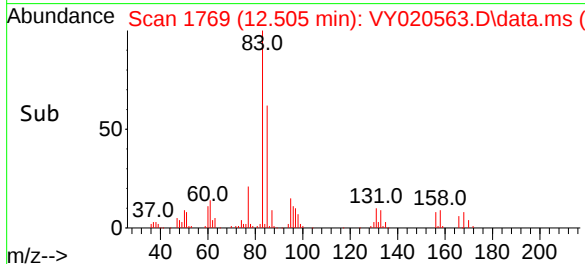
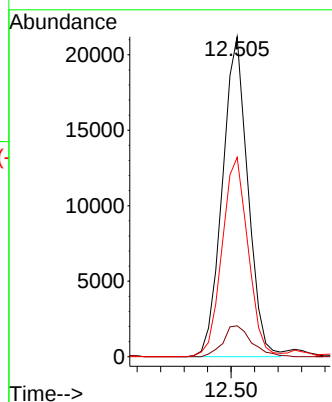
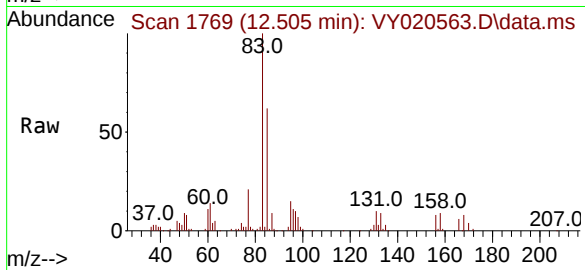
Tgt Ion: 83 Resp: 31963

Ion Ratio Lower Upper

83 100

131 10.8 4.8 14.4

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.338 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020563.D

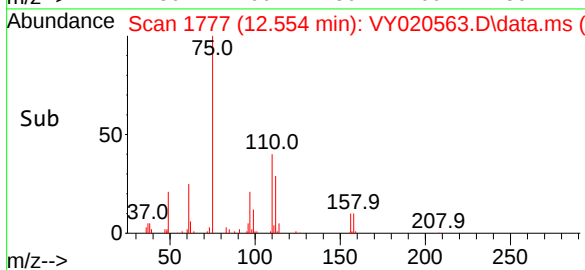
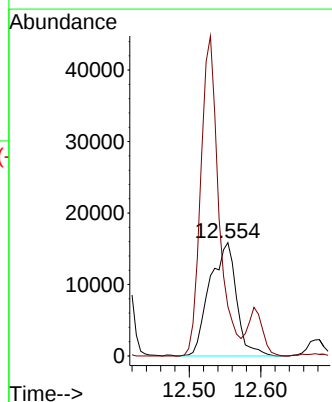
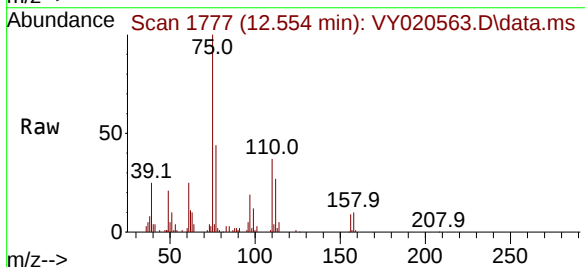
Acq: 10 Dec 2024 12:17

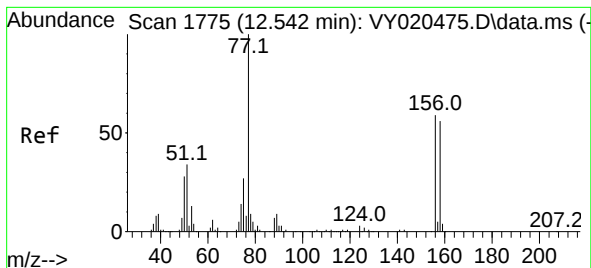
Tgt Ion: 75 Resp: 41400

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.870 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

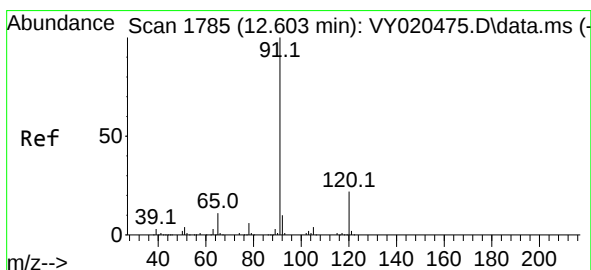
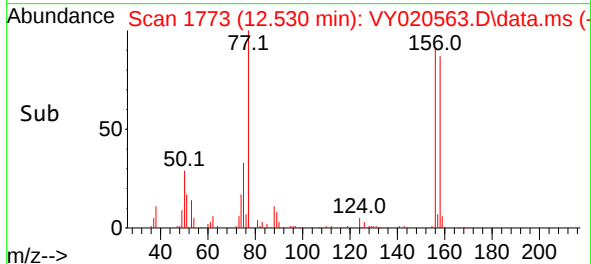
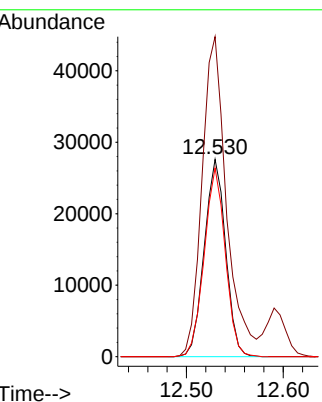
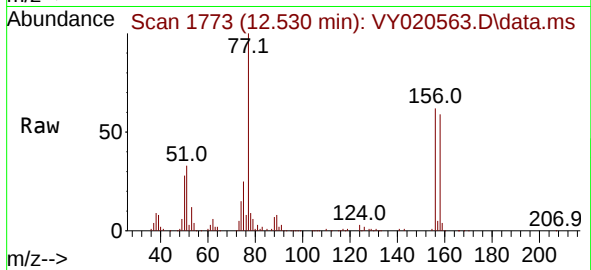
Tgt Ion:156 Resp: 42288

Ion Ratio Lower Upper

156 100

77 186.0 97.2 291.6

158 94.8 47.8 143.4



#78

n-propylbenzene

Concen: 18.005 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.012 min

Lab File: VY020563.D

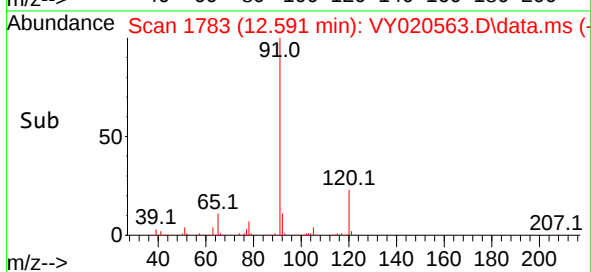
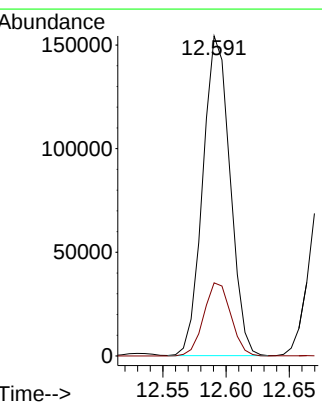
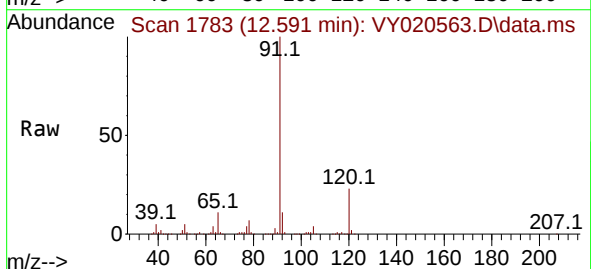
Acq: 10 Dec 2024 12:17

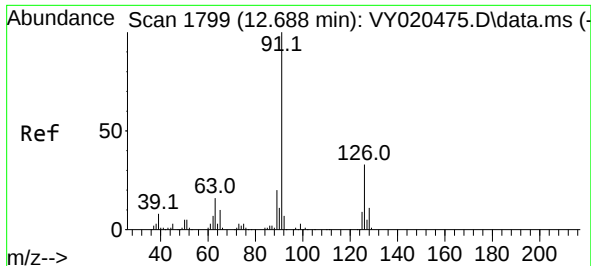
Tgt Ion: 91 Resp: 230685

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.6





#79

2-Chlorotoluene

Concen: 18.575 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

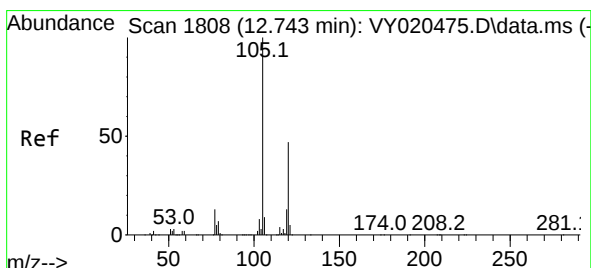
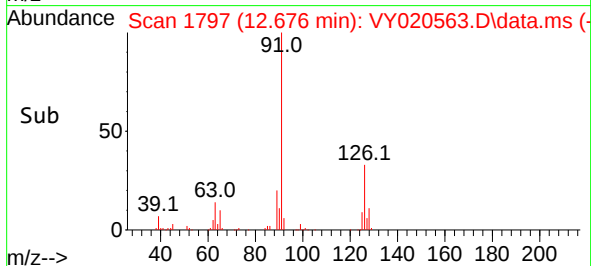
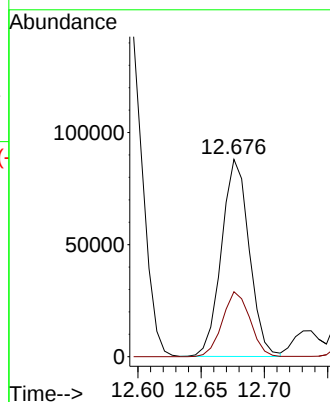
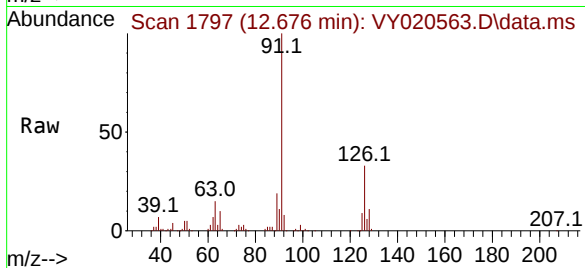
ClientSampleId :

Tgt Ion: 91 Resp: 134286

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.519 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020563.D

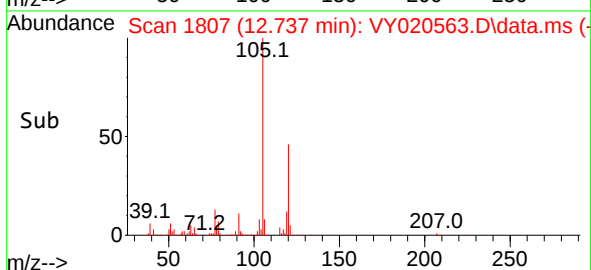
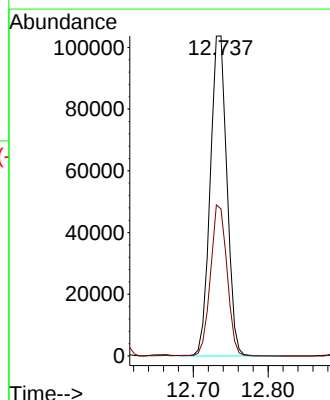
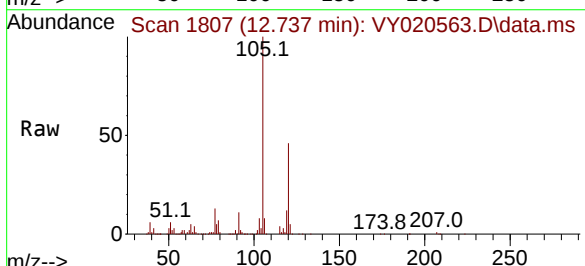
Acq: 10 Dec 2024 12:17

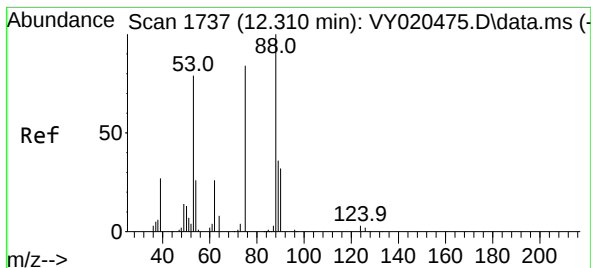
Tgt Ion:105 Resp: 160596

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.8

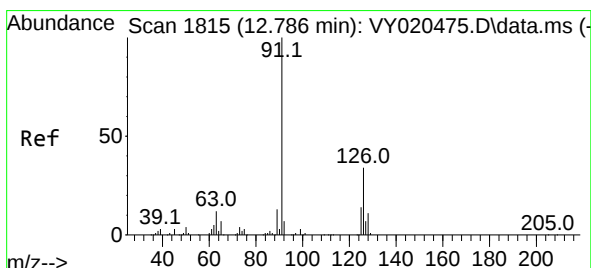
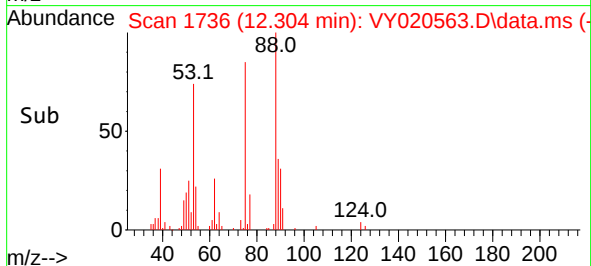
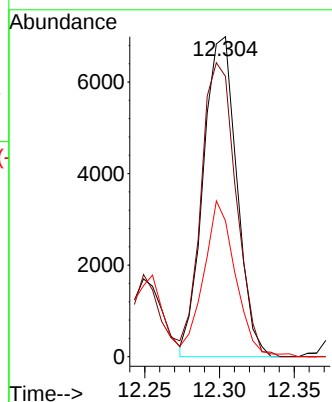
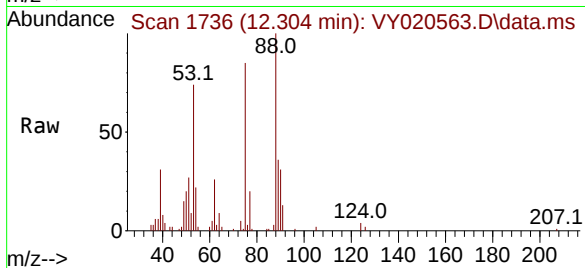




#81
trans-1,4-Dichloro-2-butene
Concen: 19.636 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

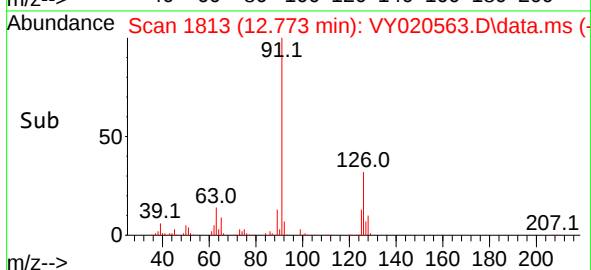
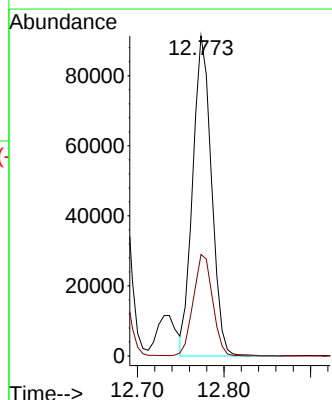
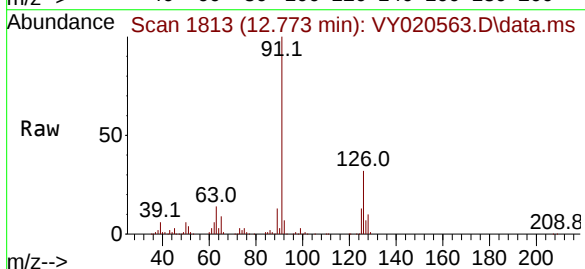
Instrument :
MSVOA_Y
ClientSampleId :

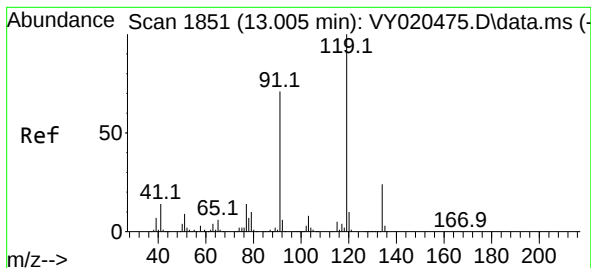
Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
53 95.7 81.1 121.7
89 46.1 35.1 52.7



#82
4-Chlorotoluene
Concen: 18.615 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020563.D
Acq: 10 Dec 2024 12:17

Tgt Ion: 91 Resp: 137337
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.8





#83

tert-Butylbenzene

Concen: 17.825 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

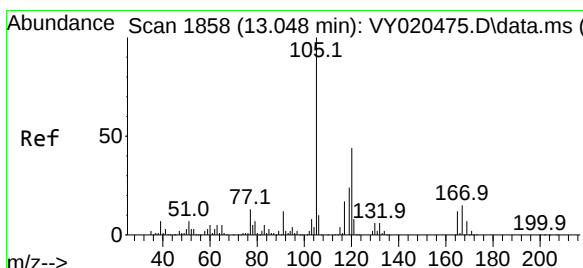
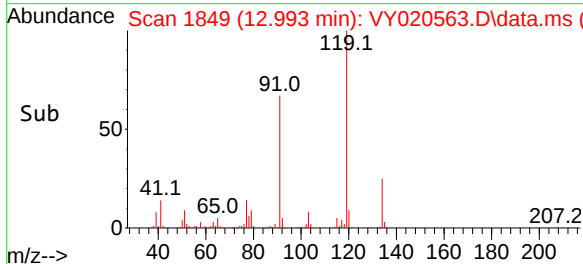
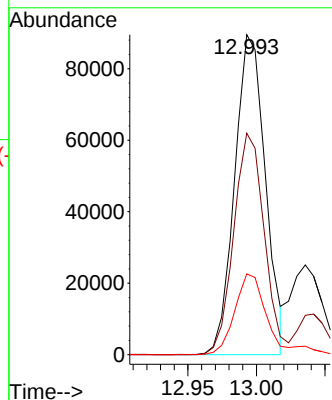
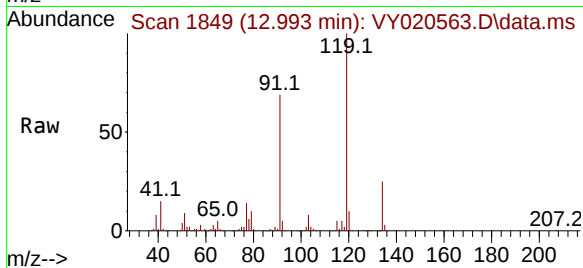
Tgt Ion:119 Resp: 139749

Ion Ratio Lower Upper

119 100

91 68.9 33.3 99.9

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.760 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020563.D

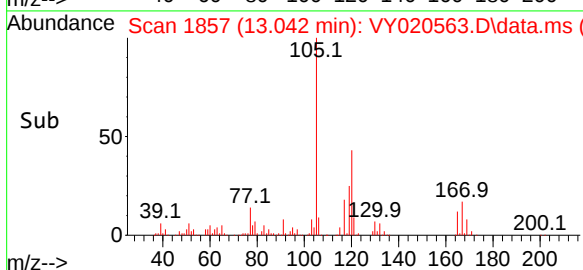
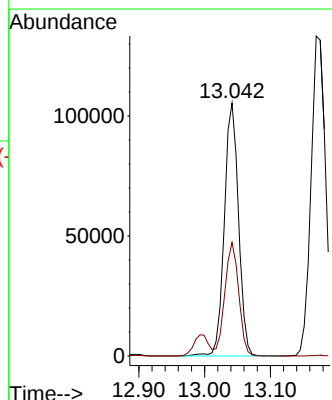
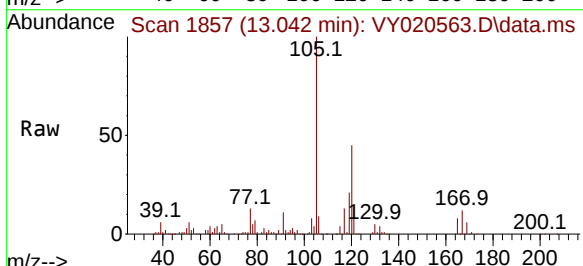
Acq: 10 Dec 2024 12:17

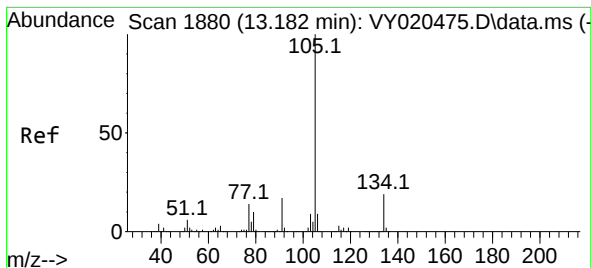
Tgt Ion:105 Resp: 158125

Ion Ratio Lower Upper

105 100

120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.370 ug/l

RT: 13.170 min Scan# 1880

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

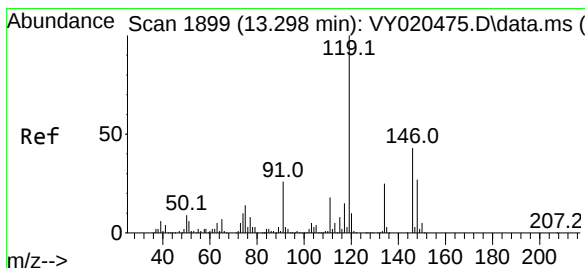
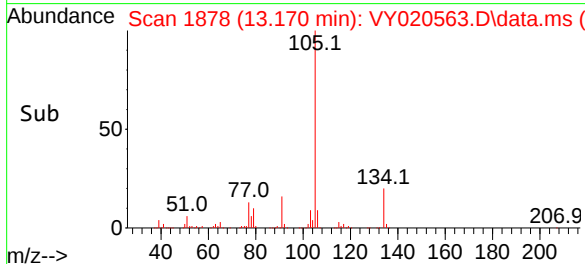
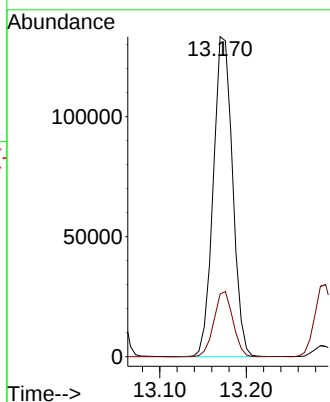
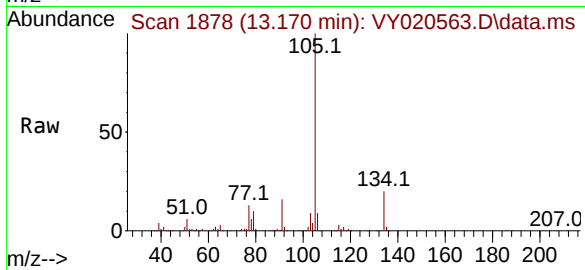
ClientSampleId :

Tgt Ion:105 Resp: 206411

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.5



#86

p-Isopropyltoluene

Concen: 18.774 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

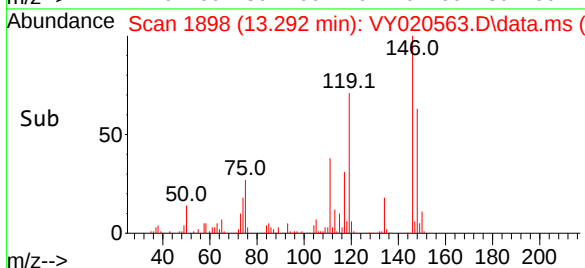
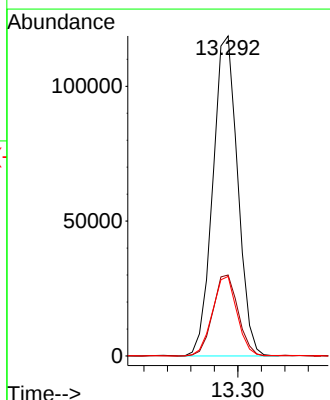
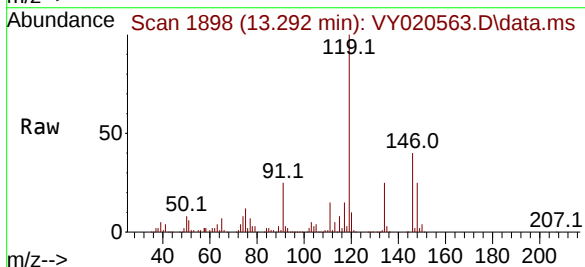
Tgt Ion:119 Resp: 174318

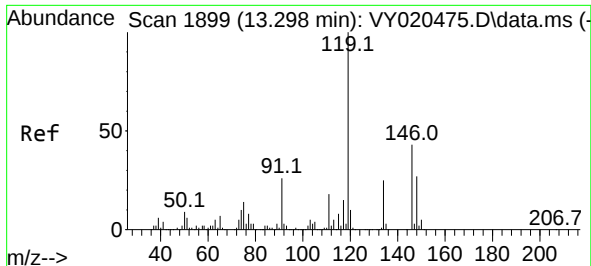
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.6 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.720 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

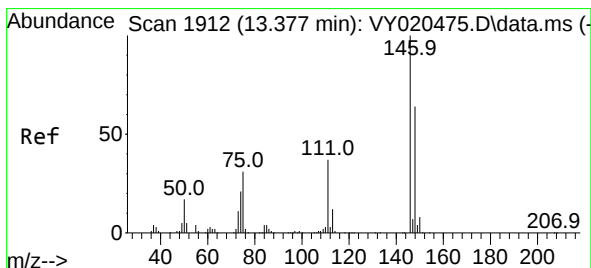
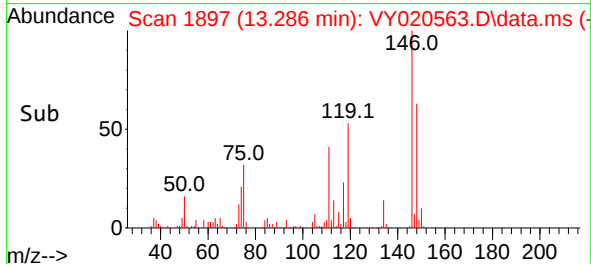
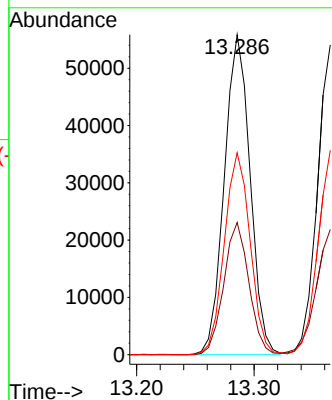
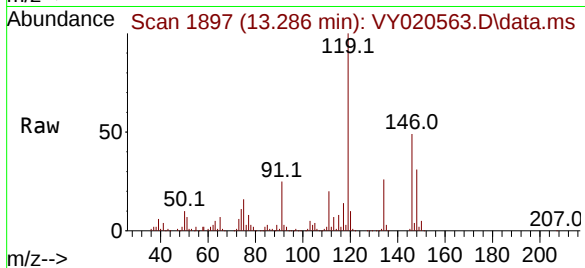
Tgt Ion:146 Resp: 85227

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 19.602 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

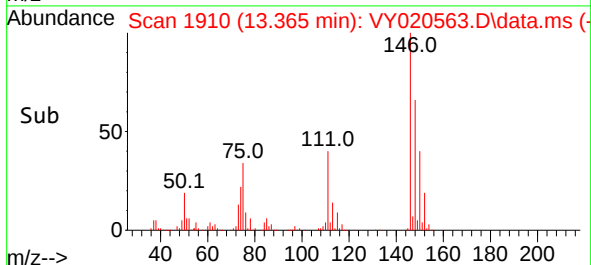
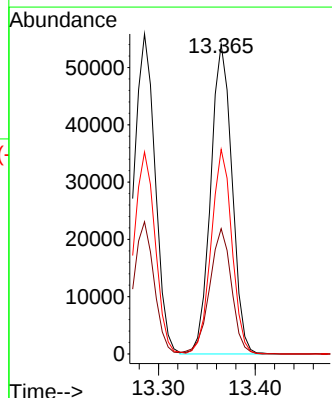
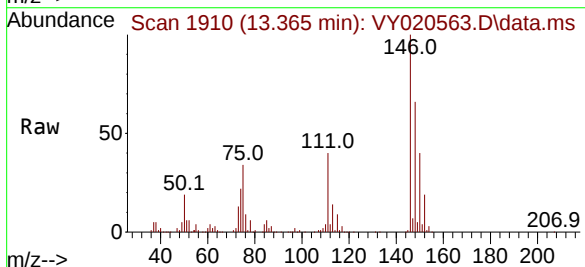
Tgt Ion:146 Resp: 82935

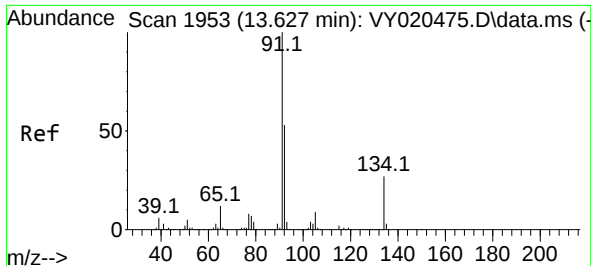
Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.6

148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 18.789 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

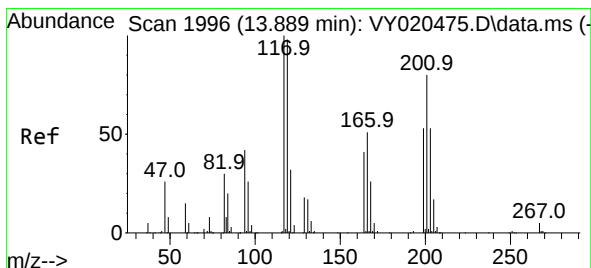
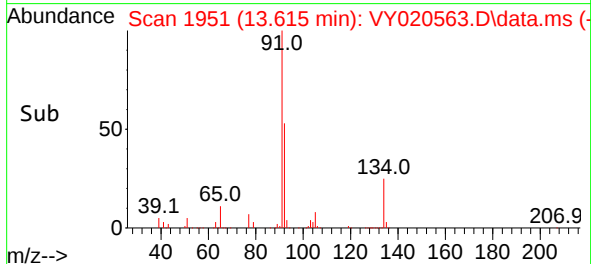
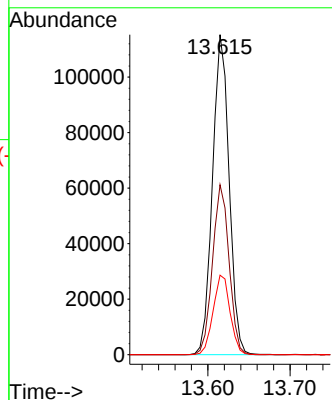
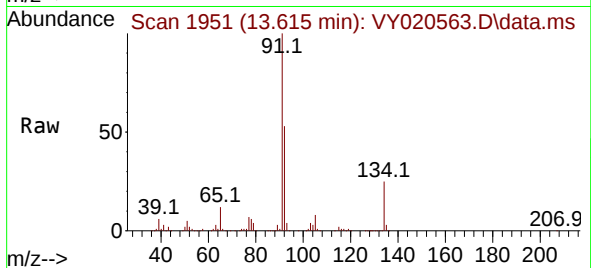
Tgt Ion: 91 Resp: 161804

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.5

134 25.4 12.2 36.4



#90

Hexachloroethane

Concen: 18.781 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.012 min

Lab File: VY020563.D

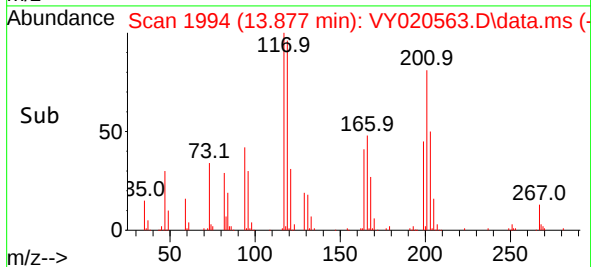
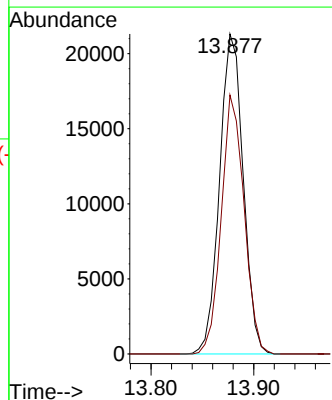
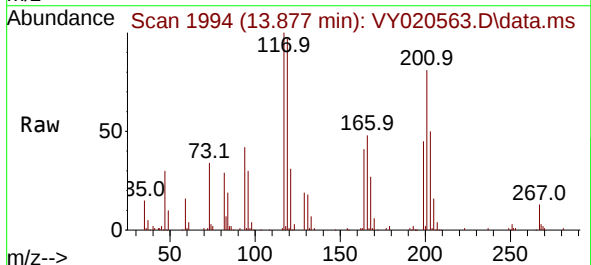
Acq: 10 Dec 2024 12:17

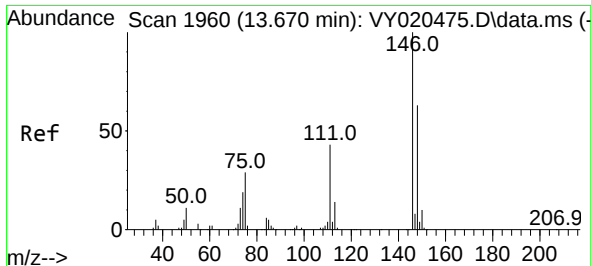
Tgt Ion: 117 Resp: 33984

Ion Ratio Lower Upper

117 100

201 78.1 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 20.261 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

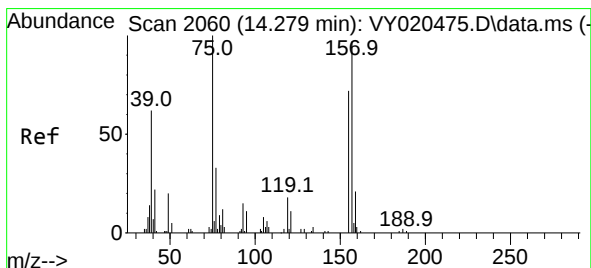
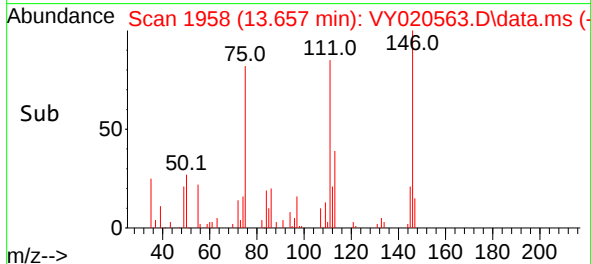
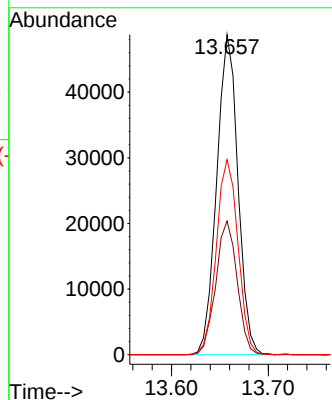
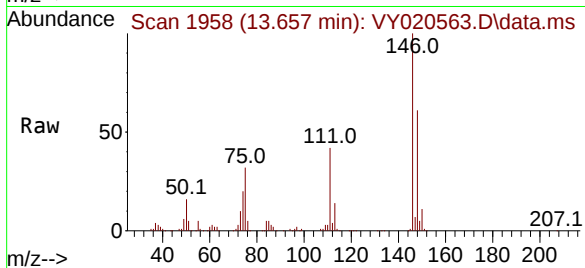
Tgt Ion:146 Resp: 74260

Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.5

148 62.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.952 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

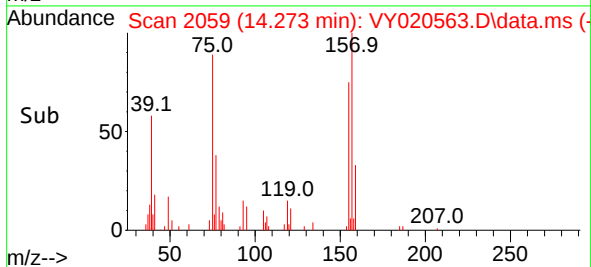
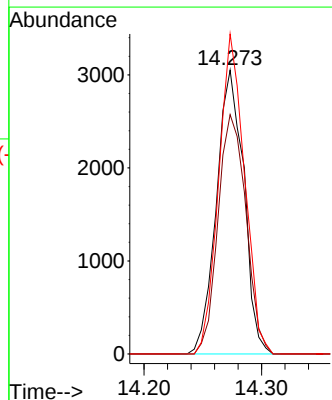
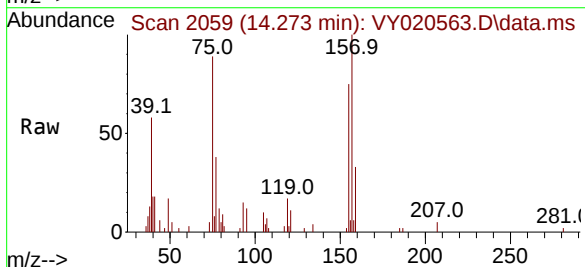
Tgt Ion: 75 Resp: 4936

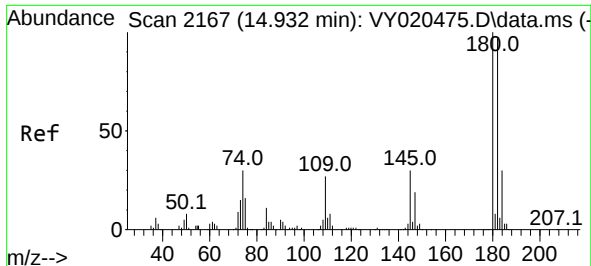
Ion Ratio Lower Upper

75 100

155 86.1 39.7 119.1

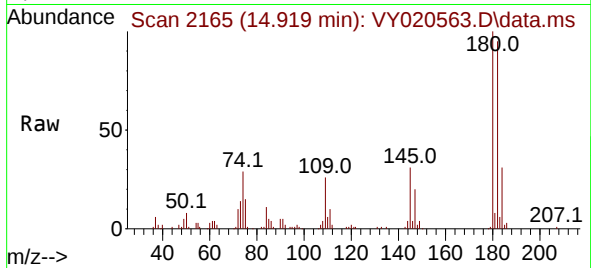
157 106.5 52.6 157.8



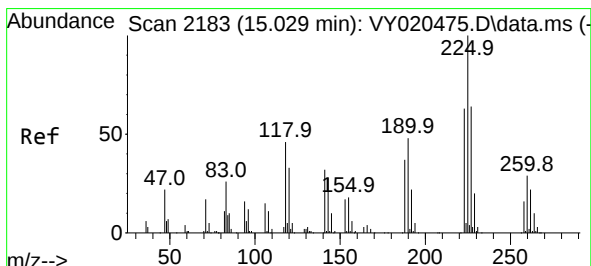
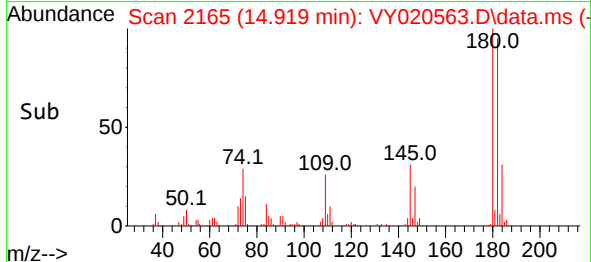
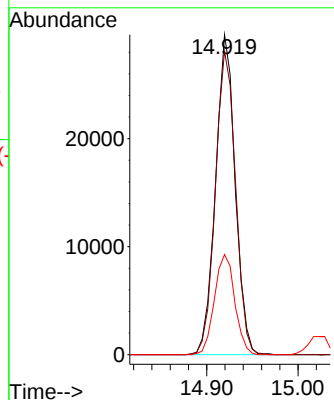


#93
 1,2,4-Trichlorobenzene
 Concen: 21.468 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.012 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :

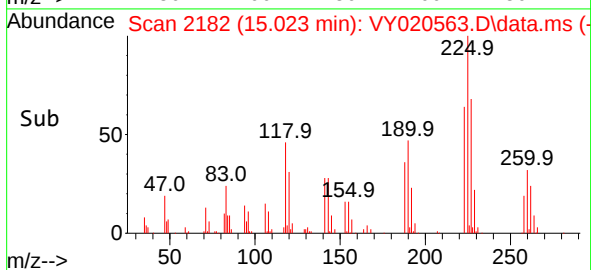
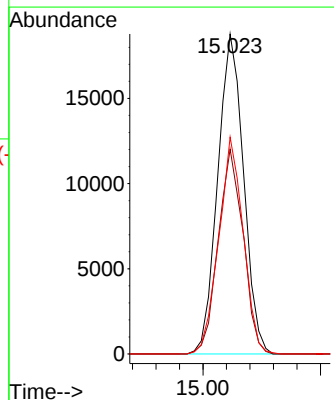
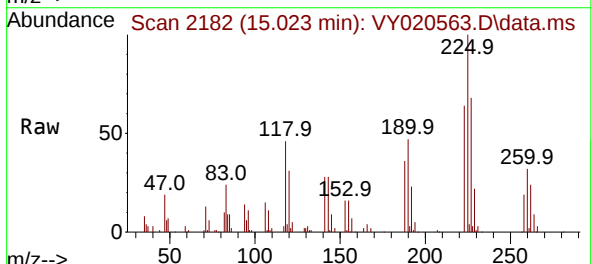


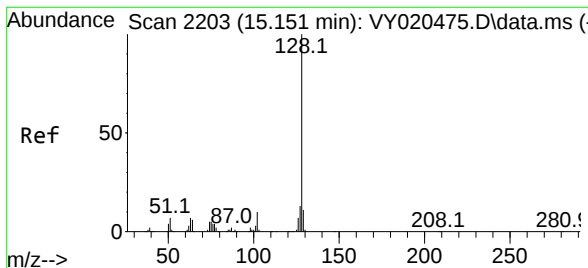
Tgt Ion:180 Resp: 44244
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.6 142.8
 145 32.3 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 19.892 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY020563.D
 Acq: 10 Dec 2024 12:17

Tgt Ion:225 Resp: 28679
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.9 95.5
 227 64.2 32.3 96.8





#95

Naphthalene

Concen: 22.593 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

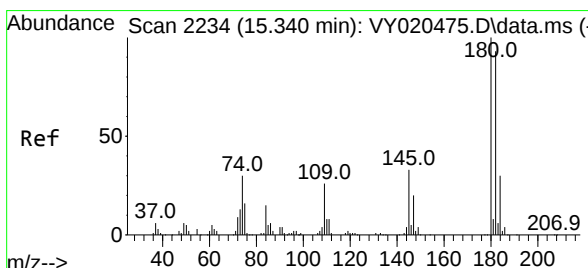
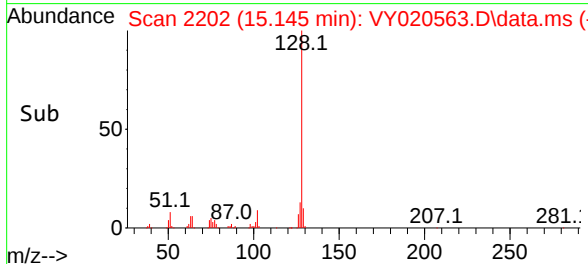
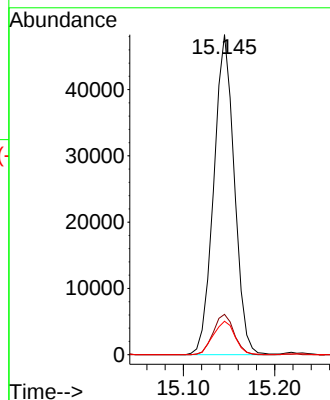
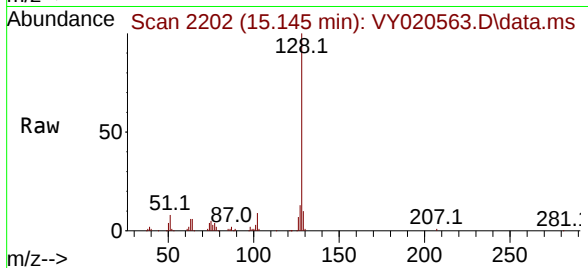
Tgt Ion:128 Resp: 75347

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.601 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020563.D

Acq: 10 Dec 2024 12:17

Tgt Ion:180 Resp: 37584

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 32.8 16.9 50.6

