

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020583.D
 Acq On : 11 Dec 2024 12:55
 Operator : SY/MD
 Sample : VY1211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 22:12:08 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	155182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	247256	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	209237	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	108573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	78621	49.816	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.634	113	74880	48.105	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	278244	46.943	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.401	95	100902	48.674	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26377	17.425	ug/l	98
3) Chloromethane	2.068	50	28314	18.474	ug/l	96
4) Vinyl Chloride	2.202	62	28652	18.336	ug/l	94
5) Bromomethane	2.586	94	16867	18.396	ug/l	96
6) Chloroethane	2.726	64	18117	18.916	ug/l	99
7) Trichlorofluoromethane	3.055	101	51795	17.697	ug/l	99
8) Diethyl Ether	3.458	74	18107	21.836	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	32967	19.332	ug/l	96
10) Methyl Iodide	4.000	142	34596	18.072	ug/l	94
11) Tert butyl alcohol	4.860	59	17438	170.329	ug/l	98
12) 1,1-Dichloroethene	3.793	96	29945	18.589	ug/l	95
13) Acrolein	3.653	56	9622	100.382	ug/l	97
14) Allyl chloride	4.378	41	56876	19.796	ug/l	95
15) Acrylonitrile	5.055	53	45511	131.722	ug/l	99
16) Acetone	3.866	43	50420	128.484	ug/l	99
17) Carbon Disulfide	4.104	76	70289	15.245	ug/l	99
18) Methyl Acetate	4.378	43	23148	27.753	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	94130	22.881	ug/l	100
20) Methylene Chloride	4.610	84	38963	23.340	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	33039	18.465	ug/l	91
22) Diisopropyl ether	6.018	45	130284	22.804	ug/l	97
23) Vinyl Acetate	5.964	43	355201	117.542	ug/l	100
24) 1,1-Dichloroethane	5.915	63	71142	20.683	ug/l	99
25) 2-Butanone	6.890	43	69560	140.375	ug/l	96
26) 2,2-Dichloropropane	6.884	77	65927	20.265	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	42589	20.385	ug/l	100
28) Bromochloromethane	7.244	49	24686	19.219	ug/l	98
29) Tetrahydrofuran	7.262	42	37651	133.187	ug/l	99
30) Chloroform	7.421	83	74703	21.162	ug/l	97
31) Cyclohexane	7.701	56	55898	17.976	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	66690	19.620	ug/l	98
36) 1,1-Dichloropropene	7.835	75	49977	19.013	ug/l	99
37) Ethyl Acetate	6.982	43	27686	26.585	ug/l	99
38) Carbon Tetrachloride	7.817	117	59324	18.909	ug/l	99
39) Methylcyclohexane	9.103	83	58063	17.801	ug/l	97
40) Benzene	8.079	78	154612	19.949	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14534	24.550	ug/l	93
42) 1,2-Dichloroethane	8.158	62	44797	21.997	ug/l	99
43) Isopropyl Acetate	8.195	43	53212	25.304	ug/l	99
44) Trichloroethene	8.865	130	37472	19.613	ug/l	97
45) 1,2-Dichloropropane	9.140	63	38746	21.364	ug/l	99
46) Dibromomethane	9.231	93	20627	22.971	ug/l	97
47) Bromodichloromethane	9.420	83	57165	21.607	ug/l	99
48) Methyl methacrylate	9.213	41	23674	24.142	ug/l	97
49) 1,4-Dioxane	9.225	88	4824	562.024	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	144521	139.162	ug/l	100
52) Toluene	10.164	92	98935	20.460	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	53440	22.499	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	61034	21.743	ug/l	93
55) 1,1,2-Trichloroethane	10.566	97	29010	24.218	ug/l	95
56) Ethyl methacrylate	10.432	69	39997	23.599	ug/l	97
57) 1,3-Dichloropropane	10.713	76	50177	23.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	88576	111.619	ug/l	97
59) 2-Hexanone	10.755	43	103462	138.098	ug/l	97
60) Dibromochloromethane	10.908	129	38282	22.955	ug/l	100
61) 1,2-Dibromoethane	11.011	107	25657	23.422	ug/l	97
64) Tetrachloroethene	10.646	164	34930	19.757	ug/l	95
65) Chlorobenzene	11.438	112	108293	20.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	39754	21.373	ug/l	98
67) Ethyl Benzene	11.517	91	196013	19.939	ug/l	100
68) m/p-Xylenes	11.627	106	144470	40.134	ug/l	100
69) o-Xylene	11.950	106	68698	20.371	ug/l	99
70) Styrene	11.969	104	118553	21.071	ug/l	100
71) Bromoform	12.127	173	22585	23.883	ug/l #	99
73) Isopropylbenzene	12.249	105	189630	18.051	ug/l	99
74) N-amyl acetate	12.066	43	47613	23.125	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34129	22.591	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	44662	40.381	ug/l #	100
77) Bromobenzene	12.529	156	42677	19.617	ug/l	99
78) n-propylbenzene	12.590	91	231826	18.639	ug/l	99
79) 2-Chlorotoluene	12.676	91	132038	18.814	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	157484	18.707	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	11699	21.704	ug/l	97
82) 4-Chlorotoluene	12.773	91	137951	19.262	ug/l	99
83) tert-Butylbenzene	12.993	119	138923	18.253	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	157213	19.214	ug/l	99
85) sec-Butylbenzene	13.176	105	209049	19.165	ug/l	100
86) p-Isopropyltoluene	13.291	119	173770	19.278	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	85120	20.288	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	85619	20.846	ug/l	98
89) n-Butylbenzene	13.615	91	166896	19.964	ug/l	100
90) Hexachloroethane	13.877	117	34430	19.600	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	76343	21.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5495	24.027	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	46172	23.078	ug/l	99
94) Hexachlorobutadiene	15.023	225	30220	21.591	ug/l	97
95) Naphthalene	15.145	128	79241	24.476	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39400	24.406	ug/l	98

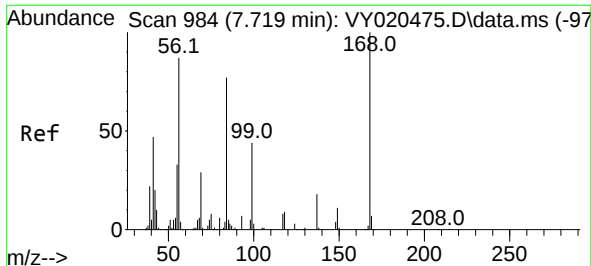
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Response via : Initial Calibration

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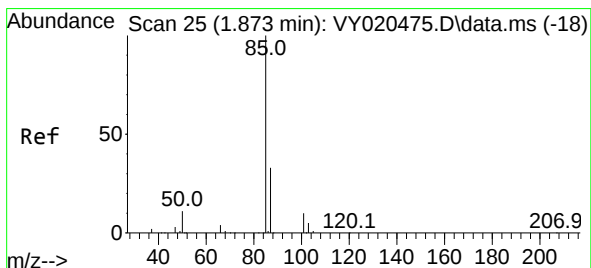
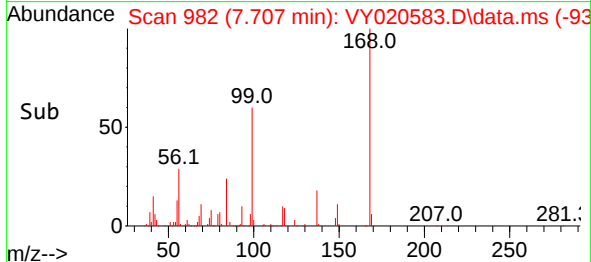
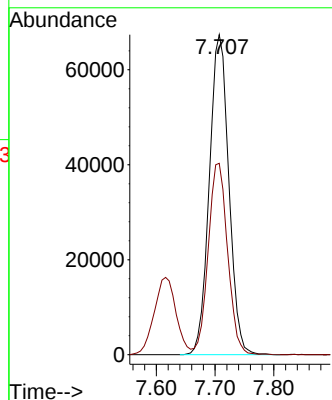
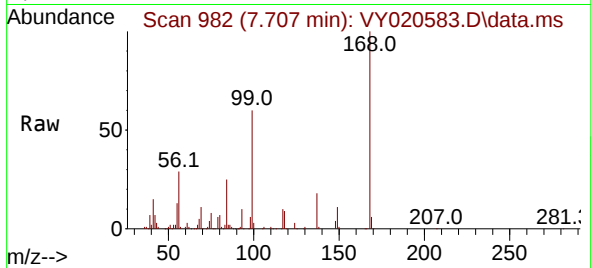
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

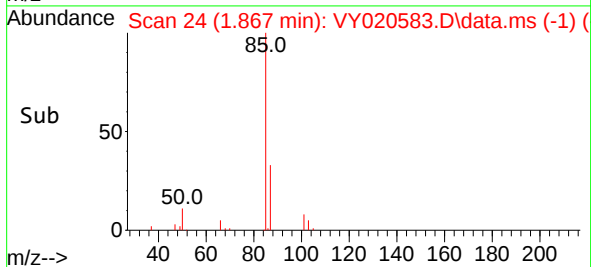
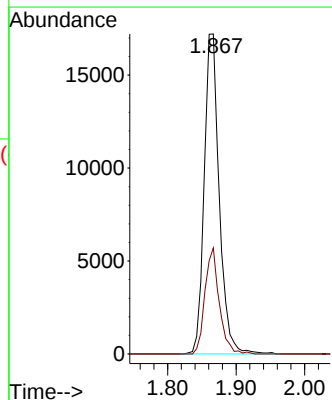
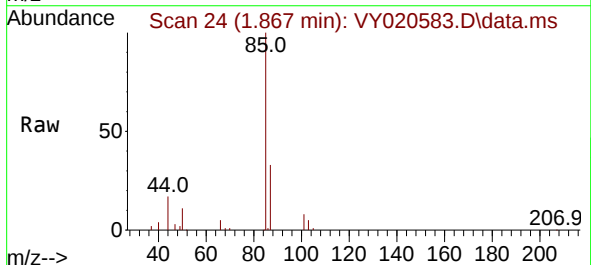
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MSVOA_Y
ClientSampleId :

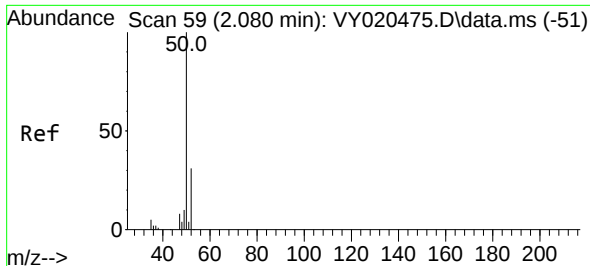
Tgt Ion:168 Resp: 155182
Ion Ratio Lower Upper
168 100
99 59.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 17.425 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

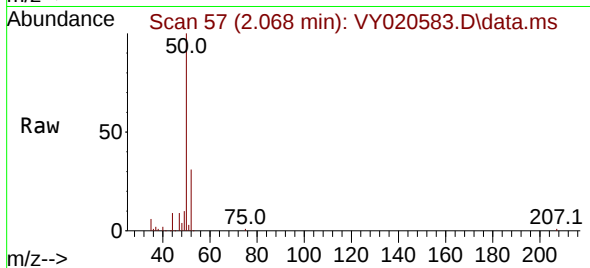
Tgt Ion: 85 Resp: 26377
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2



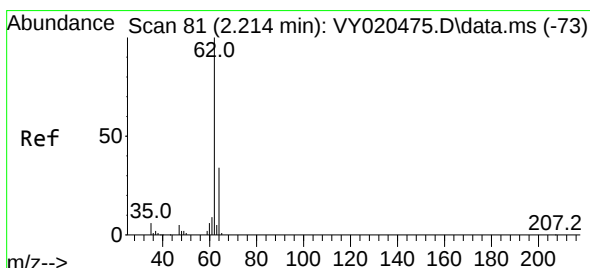
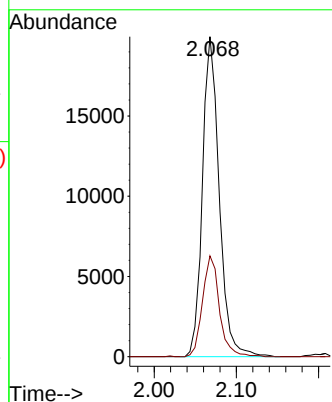
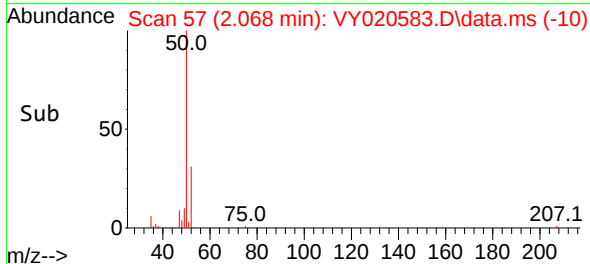


#3
Chloromethane
Concen: 18.474 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

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MSVOA_Y
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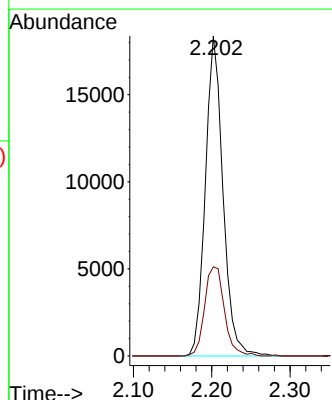
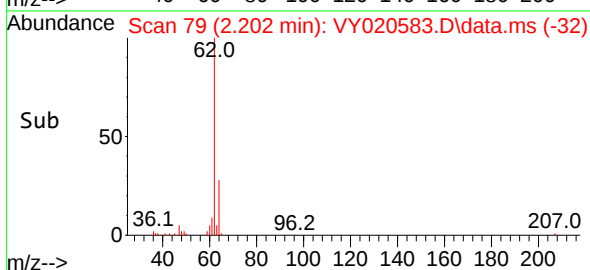
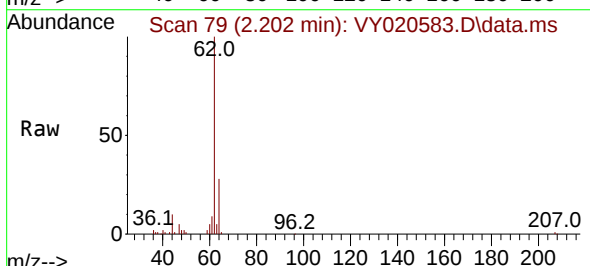


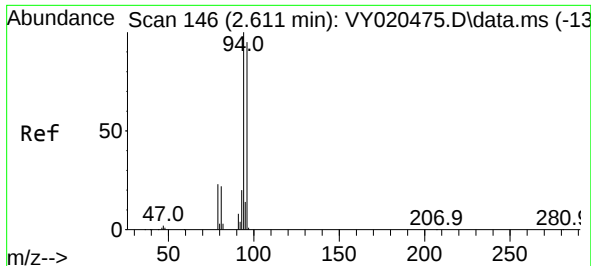
Tgt Ion: 50 Resp: 28314
Ion Ratio Lower Upper
50 100
52 31.5 26.9 40.3



#4
Vinyl Chloride
Concen: 18.336 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 62 Resp: 28652
Ion Ratio Lower Upper
62 100
64 27.8 24.7 37.1

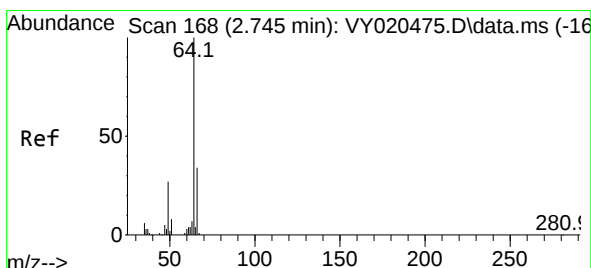
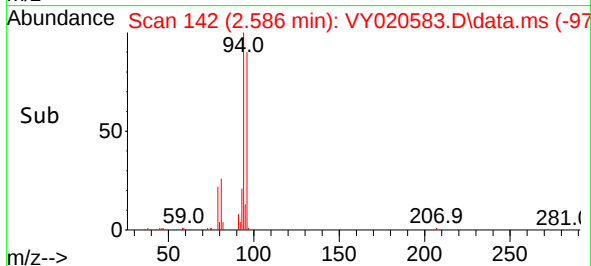
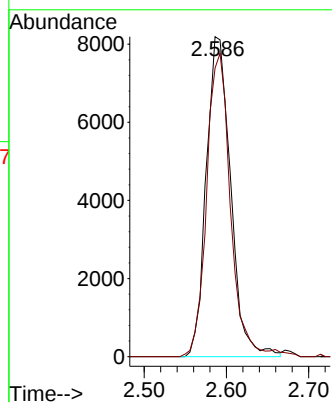
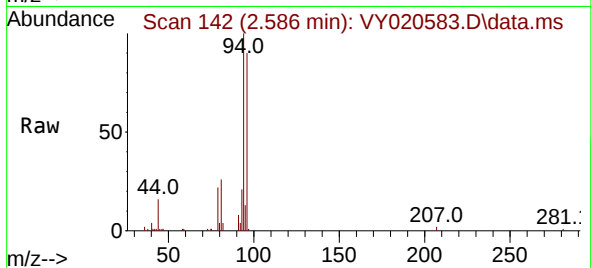




#5
Bromomethane
Concen: 18.396 ug/l
RT: 2.586 min Scan# 146
Delta R.T. -0.025 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

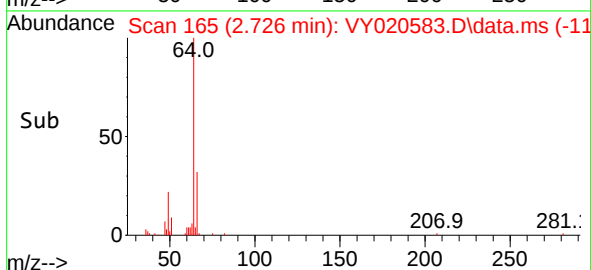
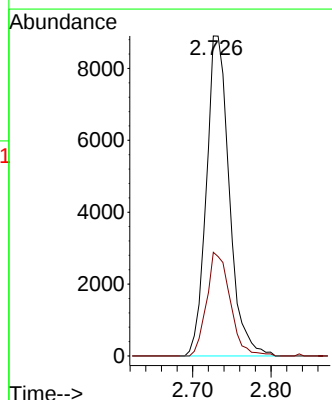
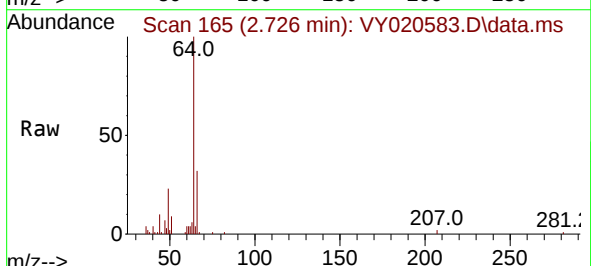
Instrument :
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ClientSampleId :

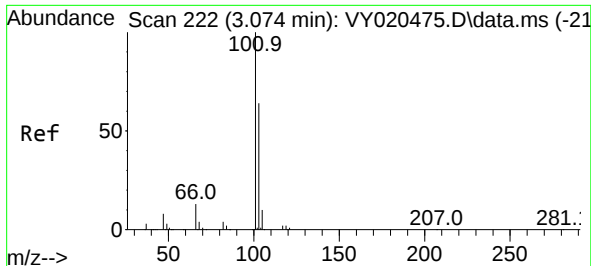
Tgt Ion: 94 Resp: 16867
Ion Ratio Lower Upper
94 100
96 90.2 75.4 113.2



#6
Chloroethane
Concen: 18.916 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 64 Resp: 18117
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5

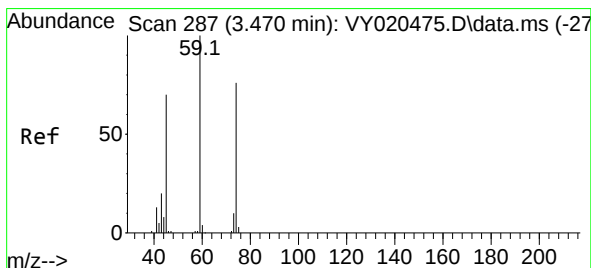
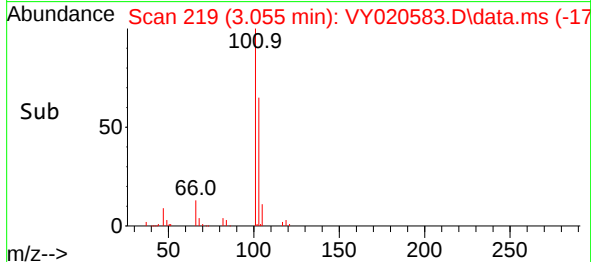
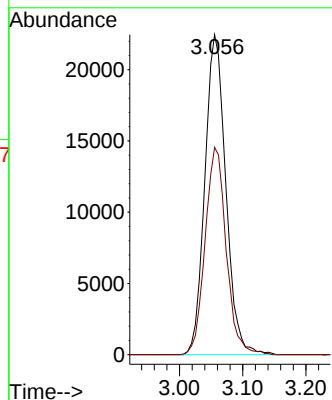
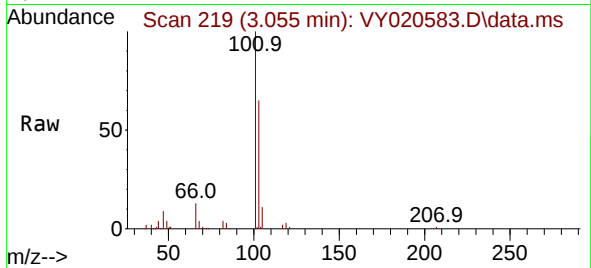




#7
 Trichlorofluoromethane
 Concen: 17.697 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

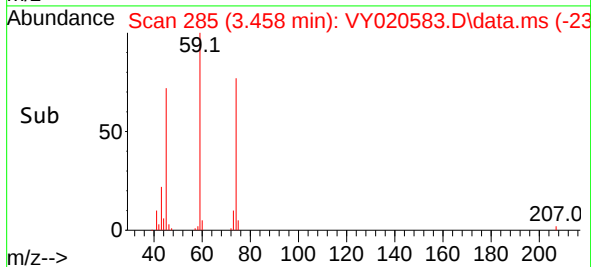
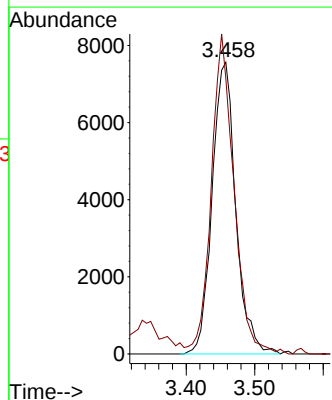
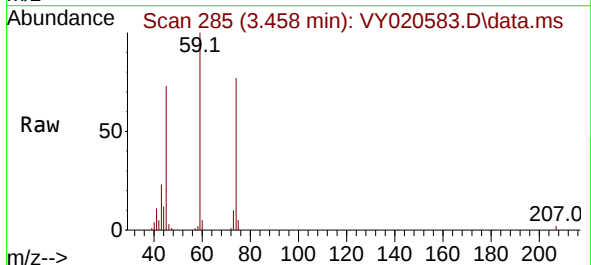
Instrument :
 MSVOA_Y
 ClientSampleId :

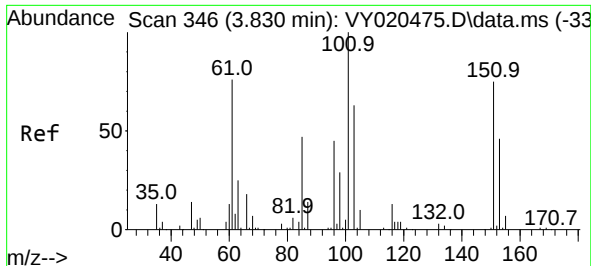
Tgt Ion:101 Resp: 51795
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.836 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.012 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

Tgt Ion: 74 Resp: 18107
 Ion Ratio Lower Upper
 74 100
 45 105.3 53.6 160.8

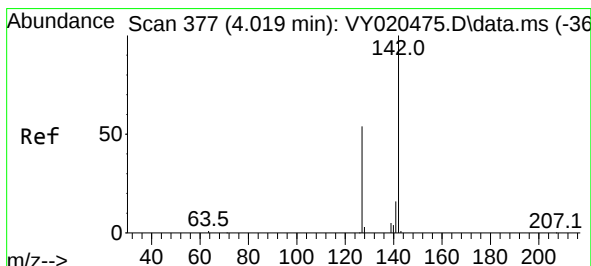
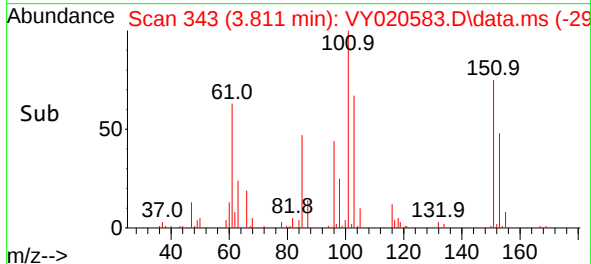
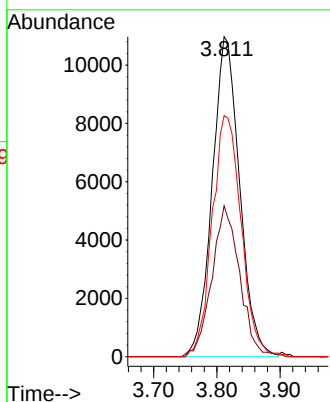
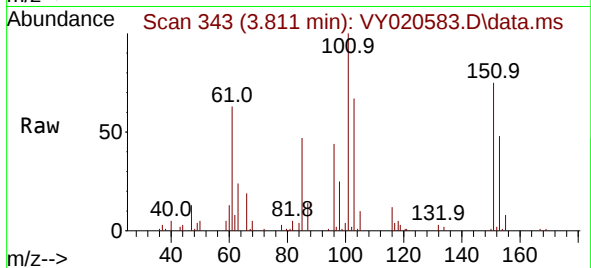




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.332 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020583.D
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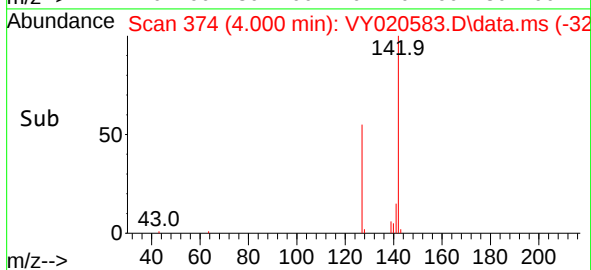
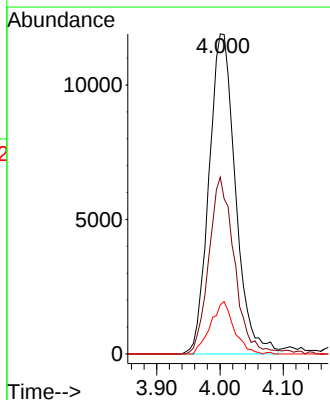
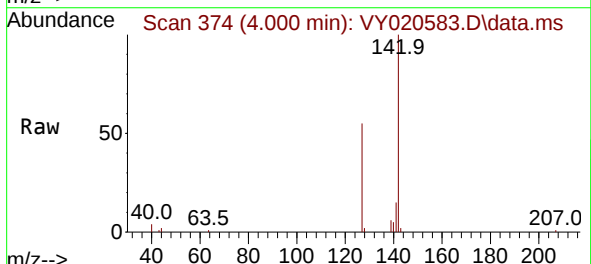
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MSVOA_Y
ClientSampleId :

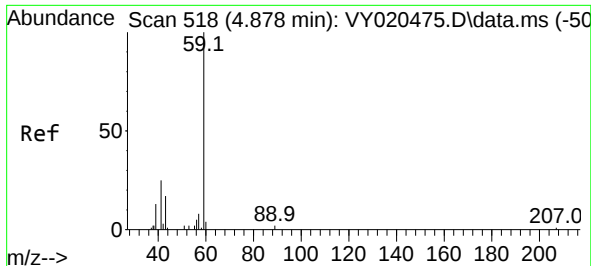
Tgt Ion:101 Resp: 32967
Ion Ratio Lower Upper
101 100
85 47.8 38.0 57.0
151 79.8 59.6 89.4



#10
Methyl Iodide
Concen: 18.072 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion:142 Resp: 34596
Ion Ratio Lower Upper
142 100
127 53.6 38.9 58.3
141 14.5 11.7 17.5

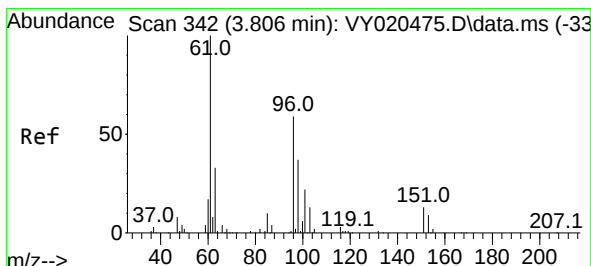
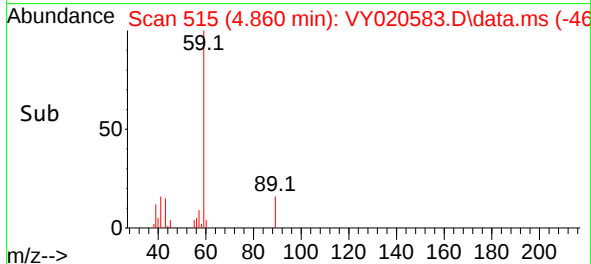
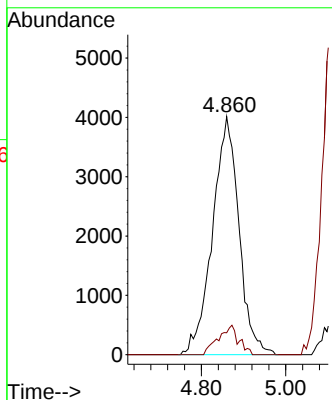
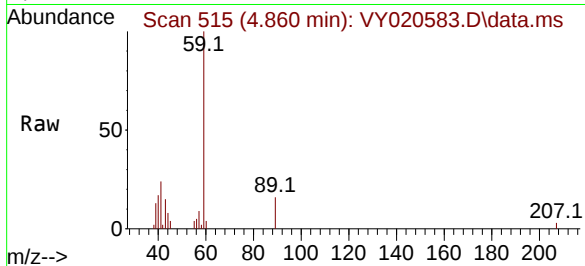




#11
Tert butyl alcohol
Concen: 170.329 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

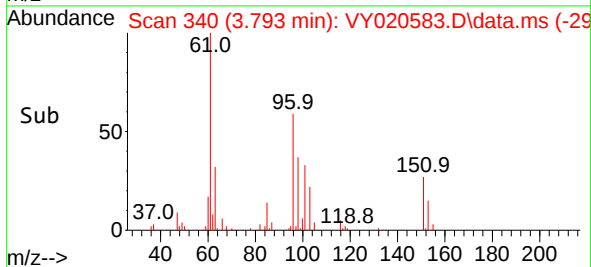
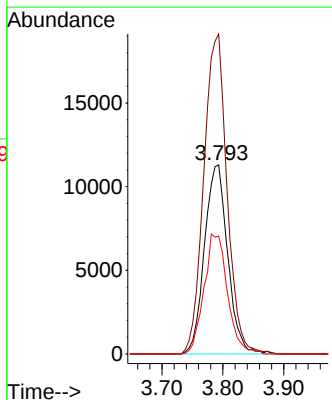
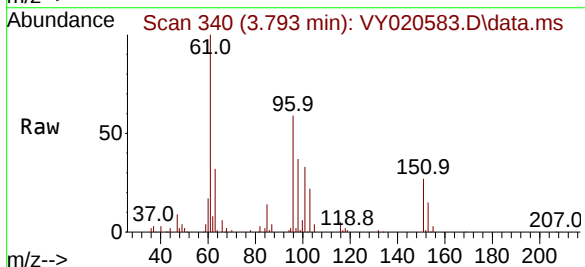
Instrument :
MSVOA_Y
ClientSampleId :

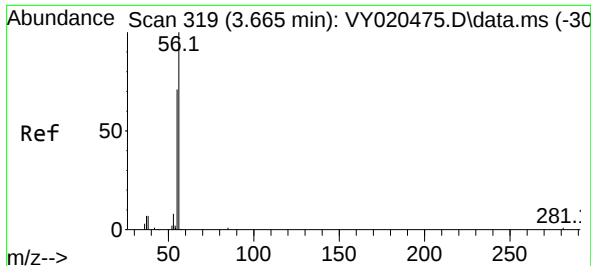
Tgt Ion: 59 Resp: 17438
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.589 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

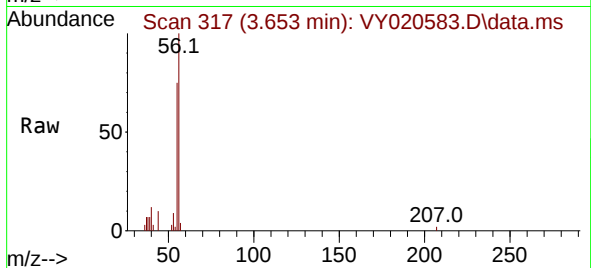
Tgt Ion: 96 Resp: 29945
Ion Ratio Lower Upper
96 100
61 169.2 143.3 214.9
98 62.4 49.8 74.8



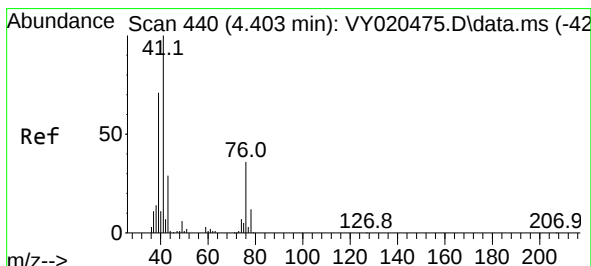
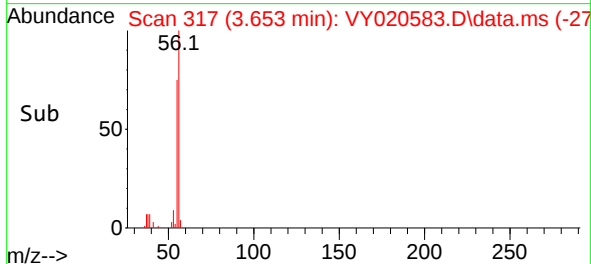
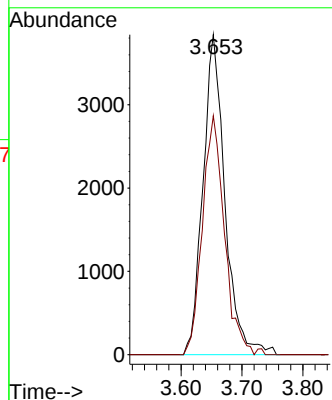


#13
Acrolein
Concen: 100.382 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

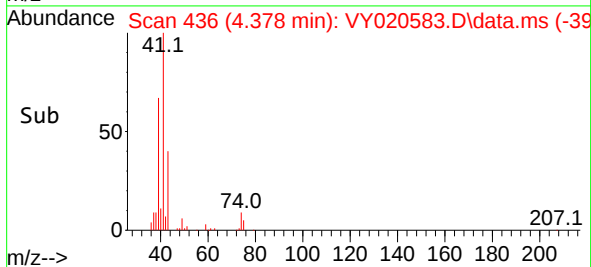
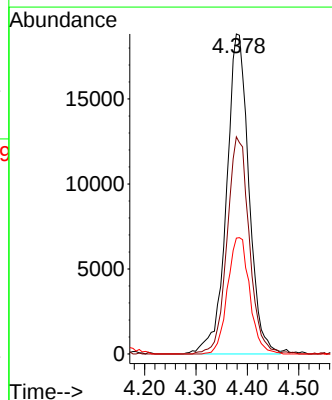
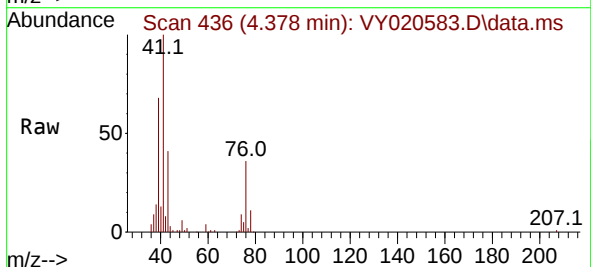


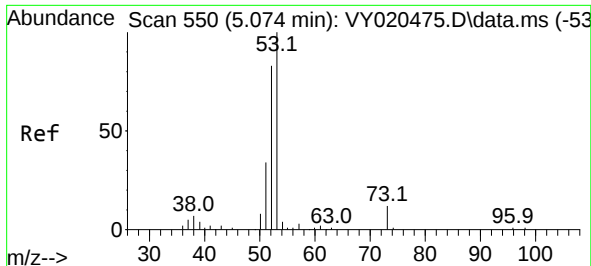
Tgt Ion: 56 Resp: 9622
Ion Ratio Lower Upper
56 100
55 74.6 57.7 86.5



#14
Allyl chloride
Concen: 19.796 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.025 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

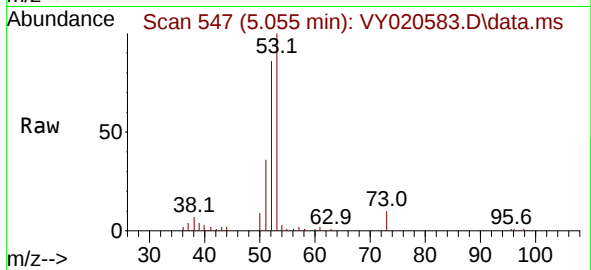
Tgt Ion: 41 Resp: 56876
Ion Ratio Lower Upper
41 100
39 67.5 58.8 88.2
76 35.9 29.7 44.5



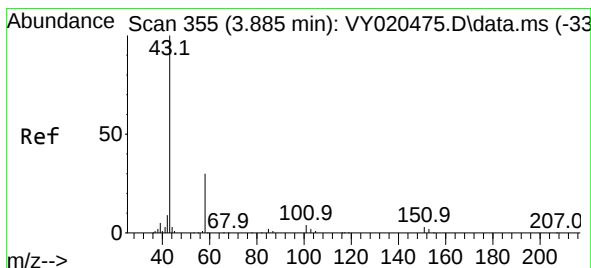
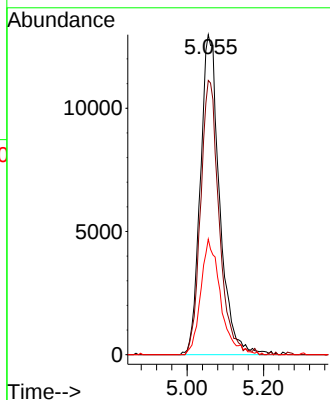
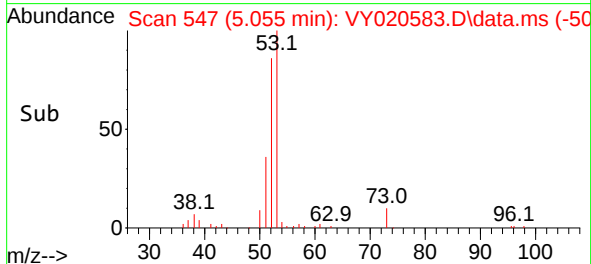


#15
Acrylonitrile
Concen: 131.722 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

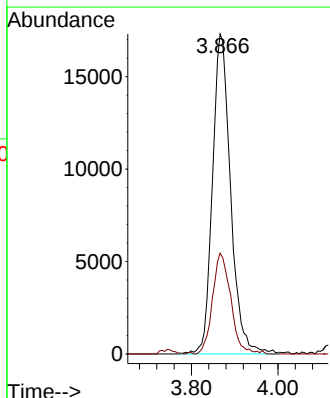
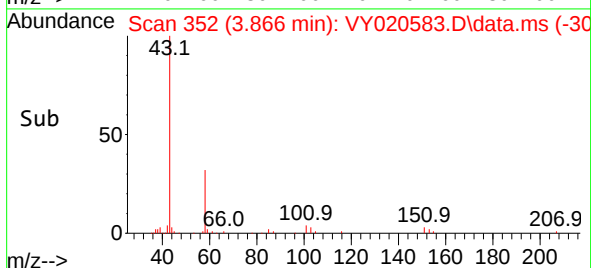
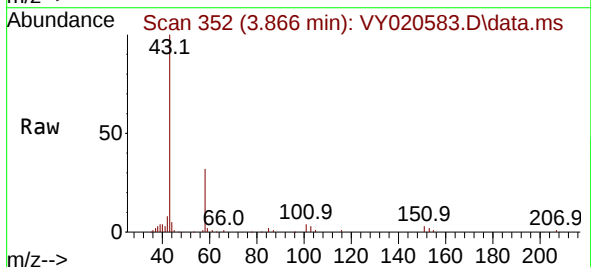


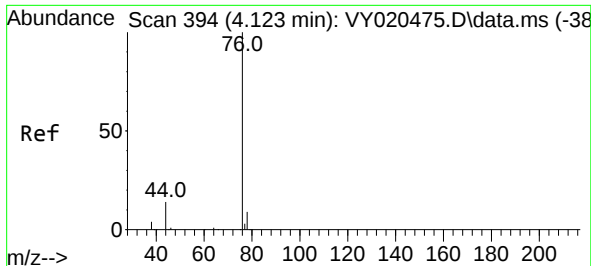
Tgt Ion: 53 Resp: 45511
Ion Ratio Lower Upper
53 100
52 81.9 65.2 97.8
51 37.1 30.2 45.4



#16
Acetone
Concen: 128.484 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

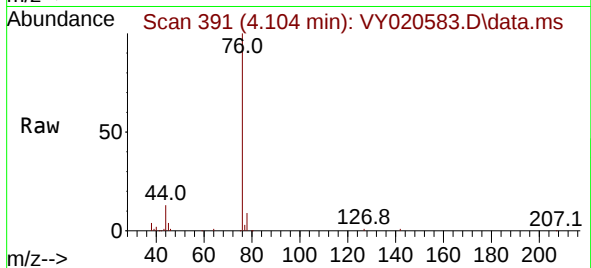
Tgt Ion: 43 Resp: 50420
Ion Ratio Lower Upper
43 100
58 31.5 25.7 38.5



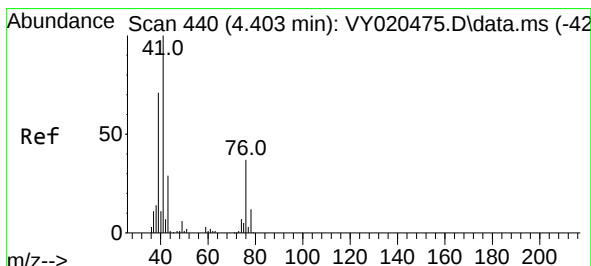
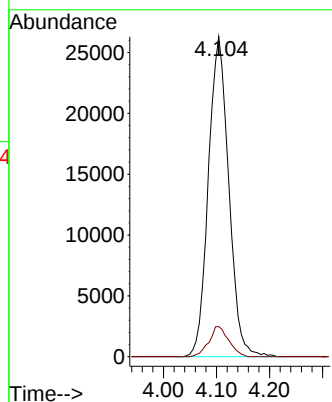
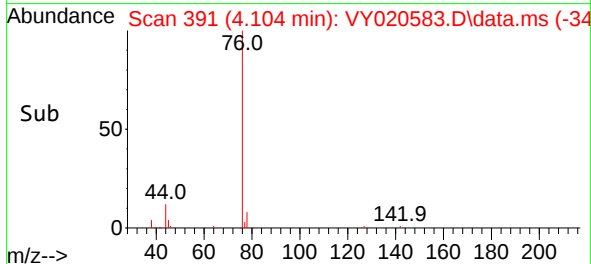


#17
Carbon Disulfide
Concen: 15.245 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

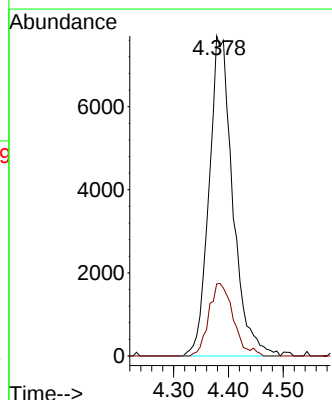
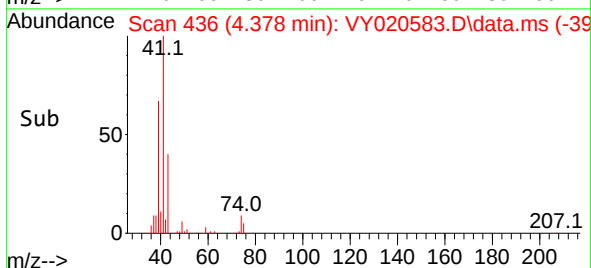
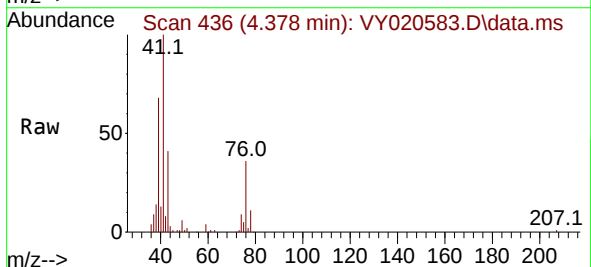


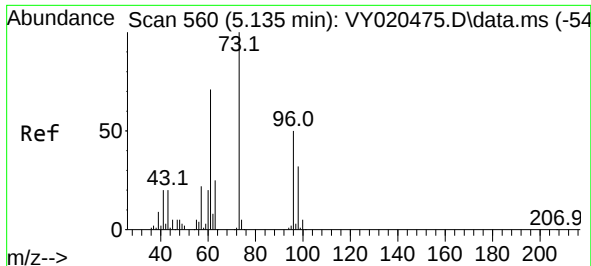
Tgt Ion: 76 Resp: 70289
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 27.753 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.025 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 43 Resp: 23148
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8

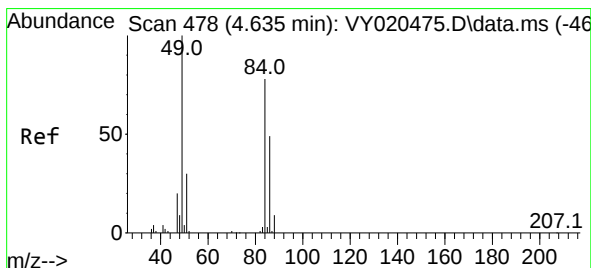
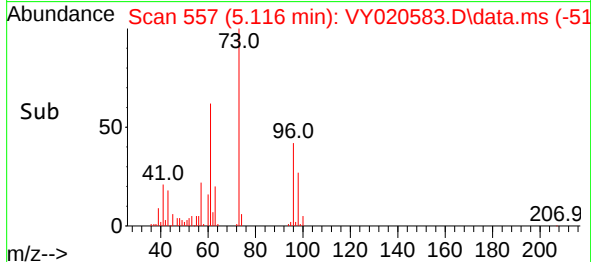
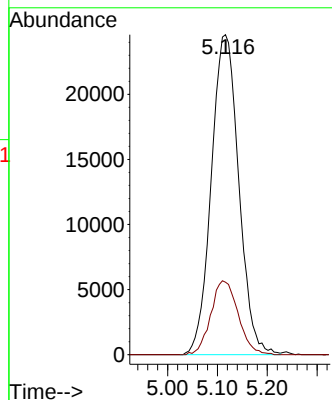
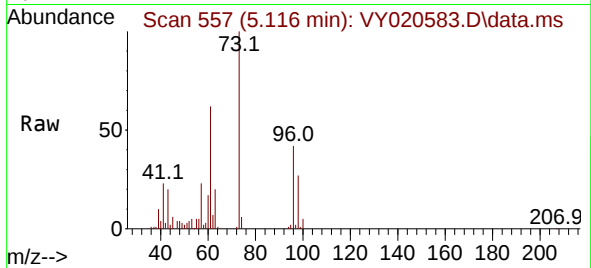




#19
Methyl tert-butyl Ether
Concen: 22.881 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

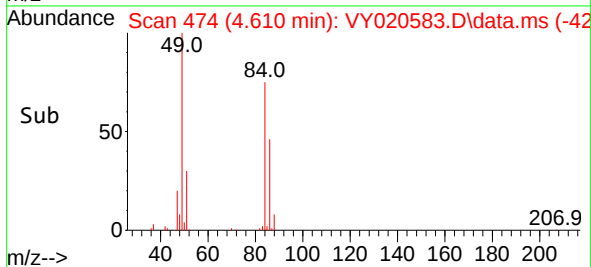
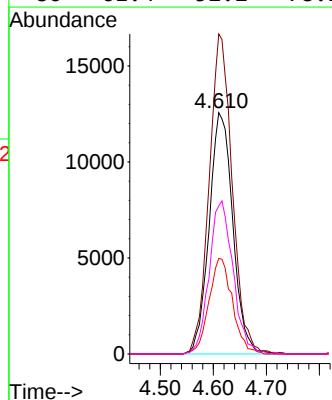
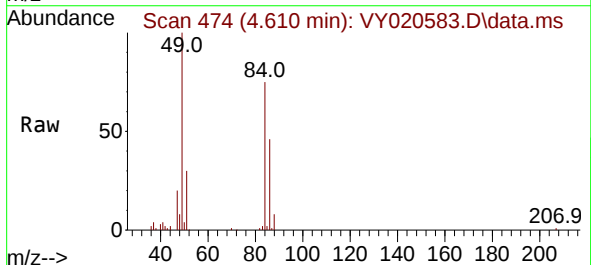
Instrument :
MSVOA_Y
ClientSampleId :

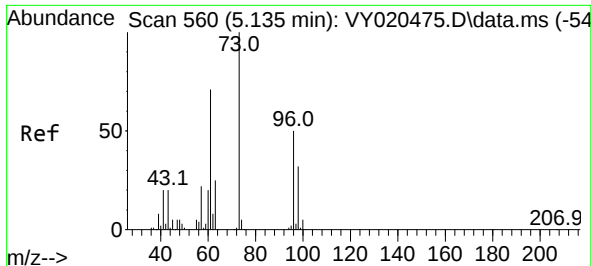
Tgt Ion: 73 Resp: 94130
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 23.340 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.025 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

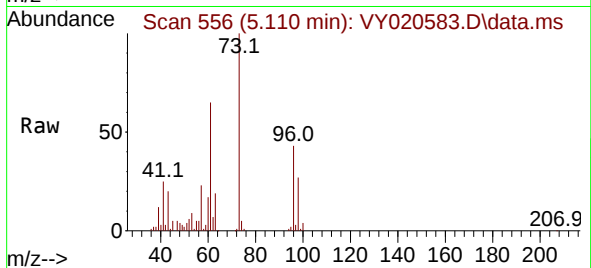
Tgt Ion: 84 Resp: 38963
Ion Ratio Lower Upper
84 100
49 132.6 104.7 157.1
51 39.6 33.4 50.0
86 61.4 52.2 78.2



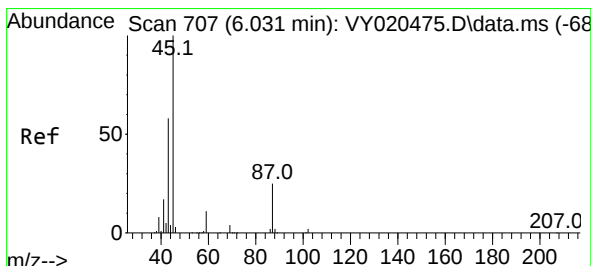
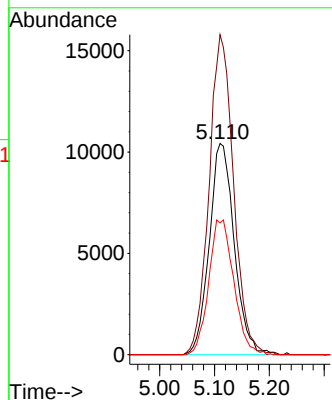
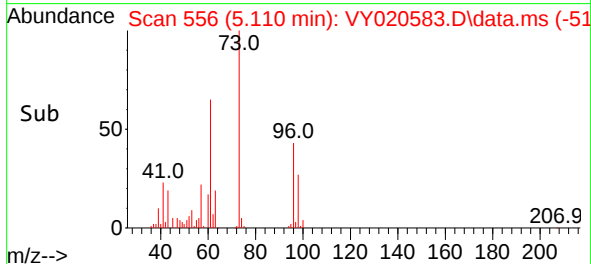


#21
trans-1,2-Dichloroethene
Concen: 18.465 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

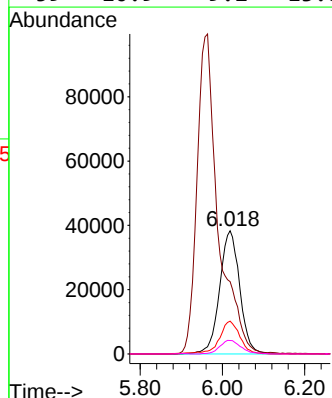
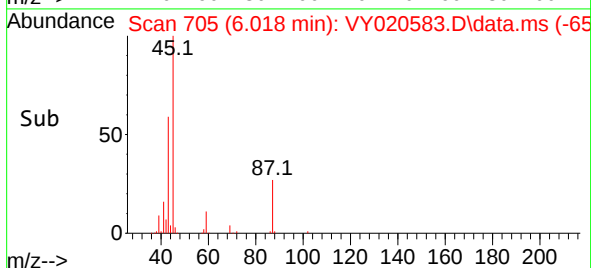
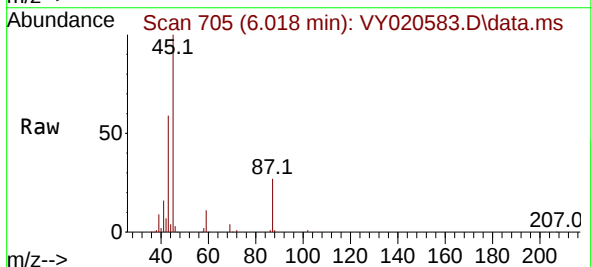


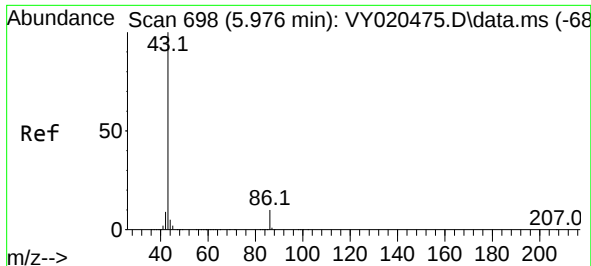
Tgt Ion: 96 Resp: 33039
Ion Ratio Lower Upper
96 100
61 151.6 111.6 167.4
98 62.5 46.7 70.1



#22
Diisopropyl ether
Concen: 22.804 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 45 Resp: 130284
Ion Ratio Lower Upper
45 100
43 58.3 44.8 67.2
87 26.6 20.6 30.8
59 10.9 9.2 13.8

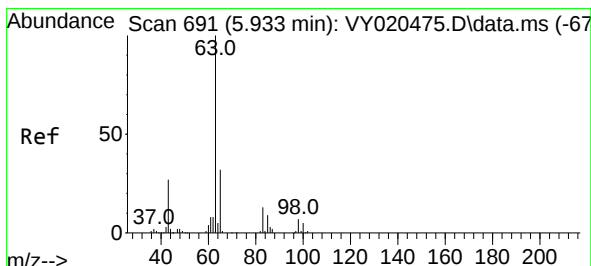
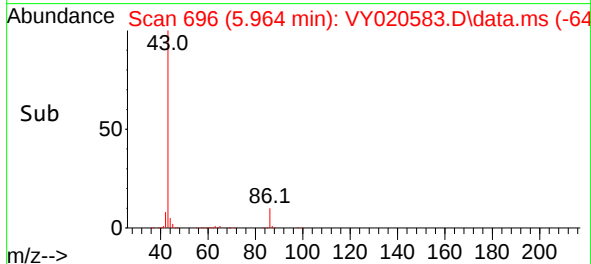
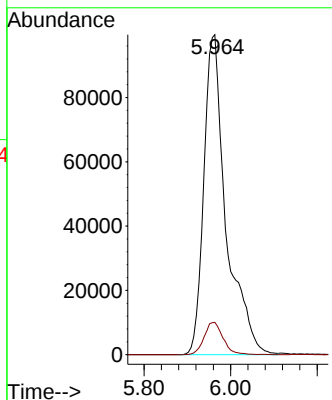
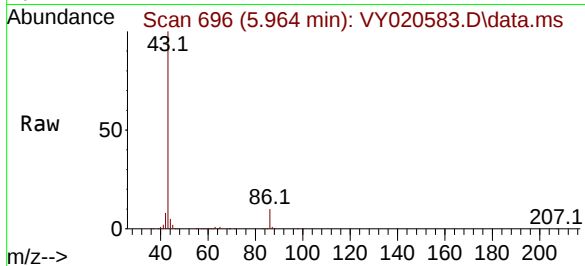




#23
 Vinyl Acetate
 Concen: 117.542 ug/l
 RT: 5.964 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

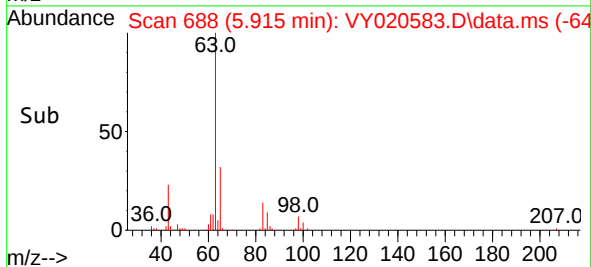
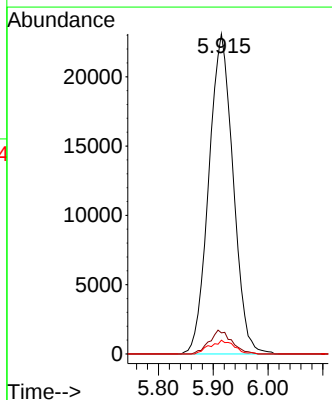
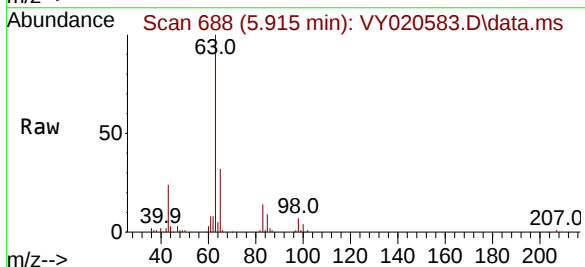
Instrument :
 MSVOA_Y
 ClientSampleId :

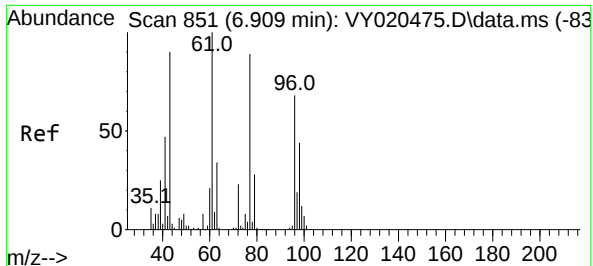
Tgt Ion: 43 Resp: 355201
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.683 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

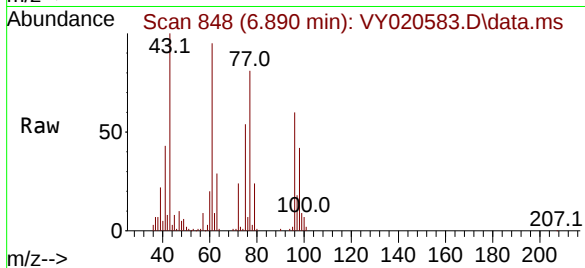
Tgt Ion: 63 Resp: 71142
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.3 2.0 5.8



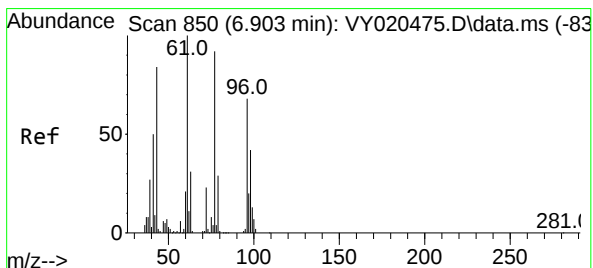
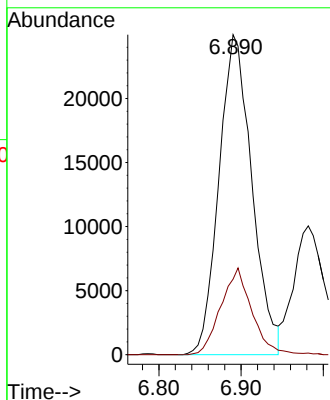
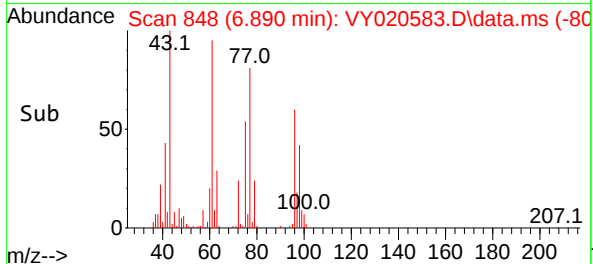


#25
2-Butanone
Concen: 140.375 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

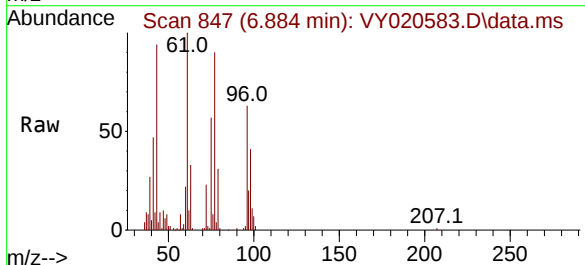
Instrument :
MSVOA_Y
ClientSampleId :



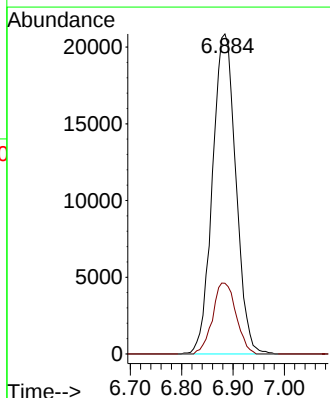
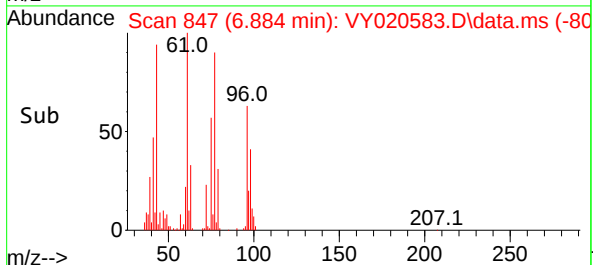
Tgt Ion: 43 Resp: 69560
Ion Ratio Lower Upper
43 100
72 23.6 20.4 30.6

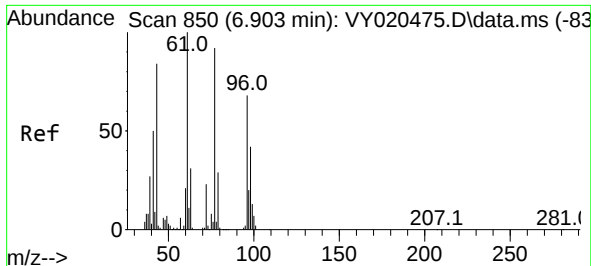


#26
2,2-Dichloropropane
Concen: 20.265 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55



Tgt Ion: 77 Resp: 65927
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 20.385 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

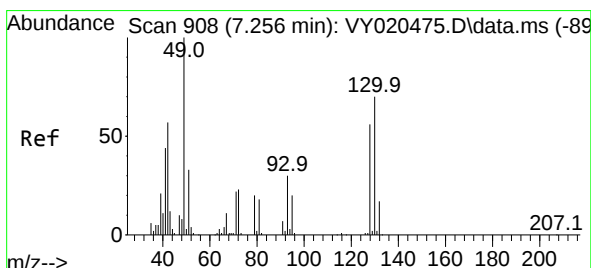
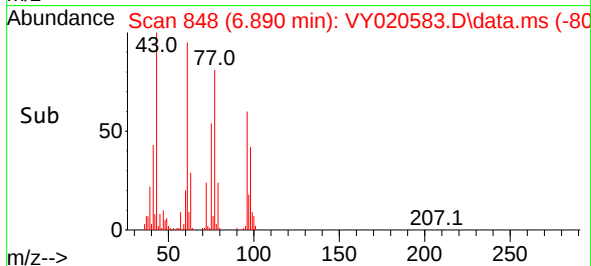
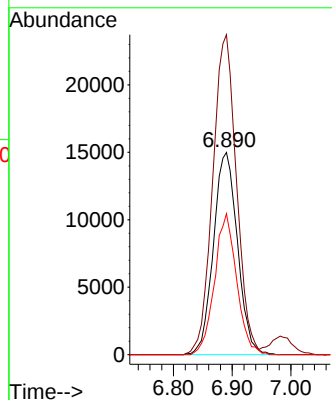
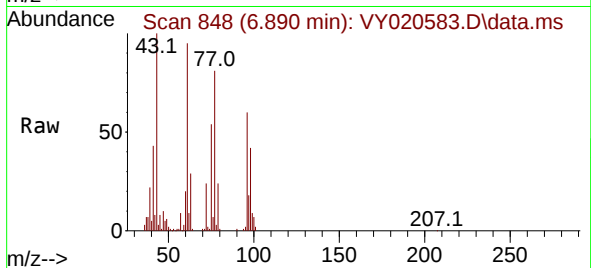
Tgt Ion: 96 Resp: 42589

Ion Ratio Lower Upper

96 100

61 156.4 0.0 312.4

98 64.1 0.0 126.8



#28

Bromochloromethane

Concen: 19.219 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

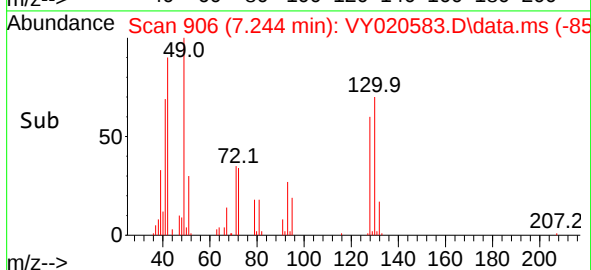
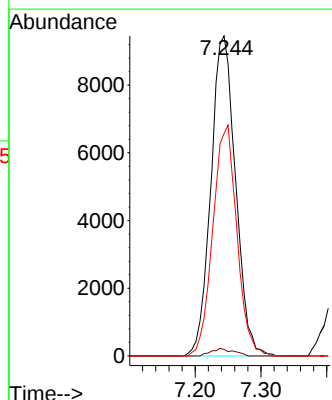
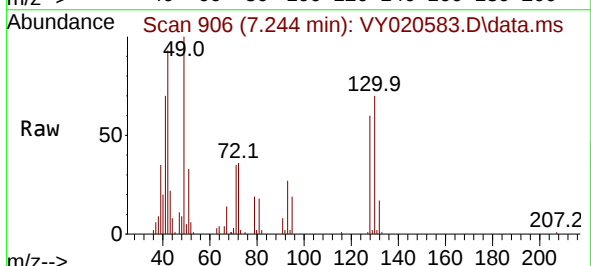
Tgt Ion: 49 Resp: 24686

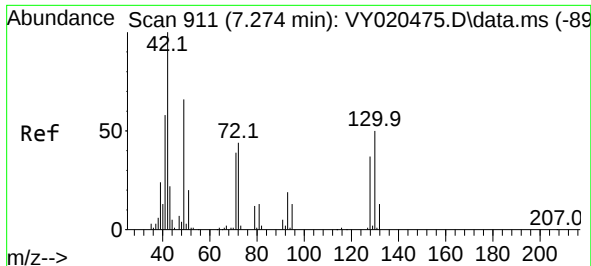
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 70.2 55.0 82.6





#29

Tetrahydrofuran

Concen: 133.187 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

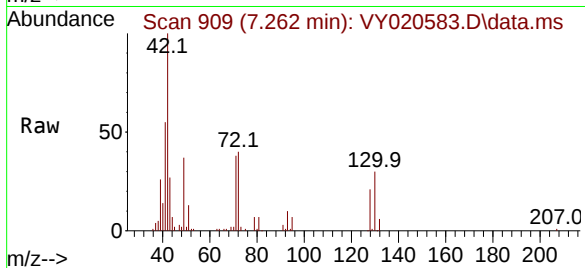
Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

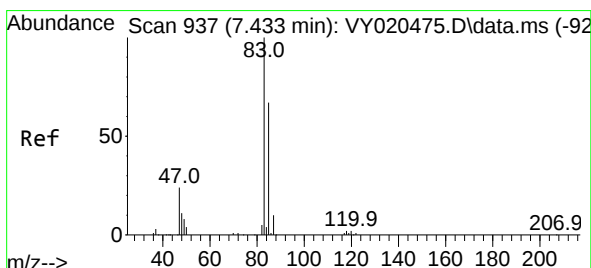
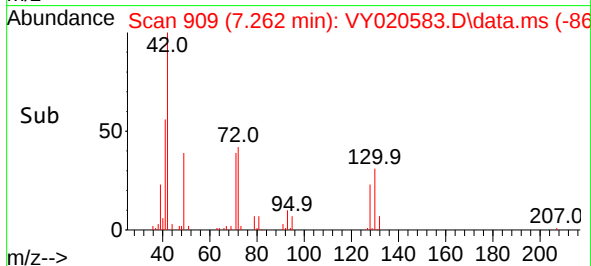
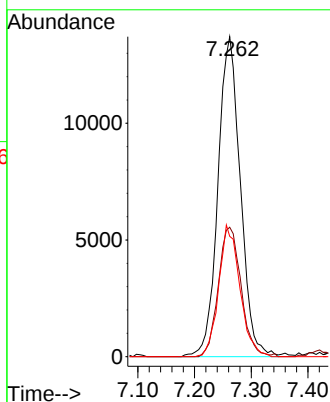
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	37651
Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.4	50.0
71	38.7	31.9	47.9



#30

Chloroform

Concen: 21.162 ug/l

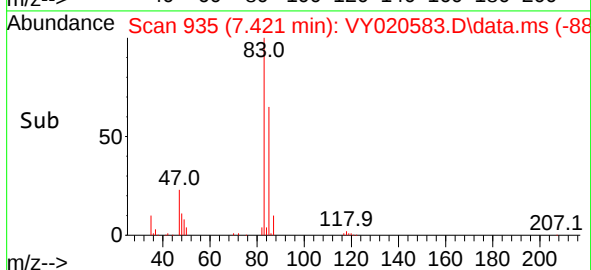
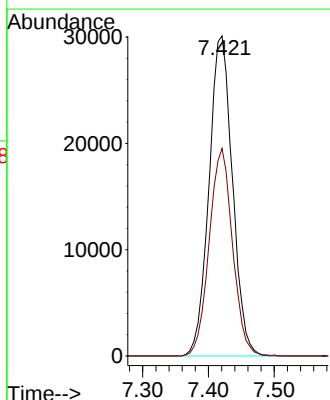
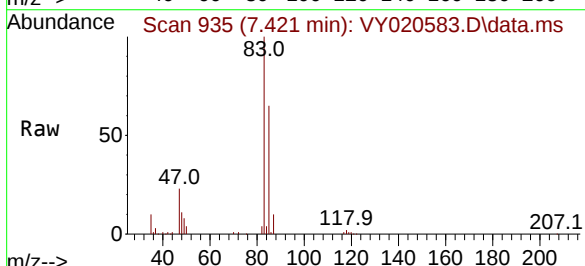
RT: 7.421 min Scan# 935

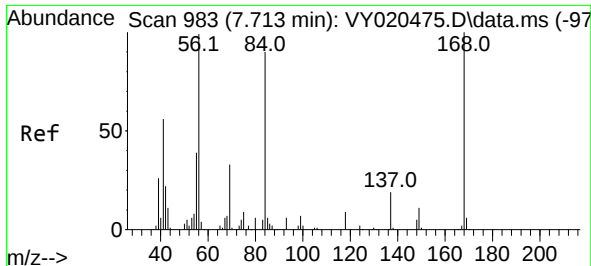
Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

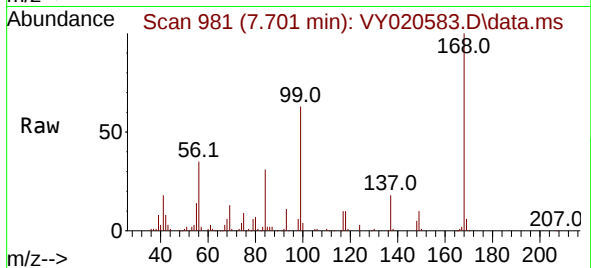
Tgt Ion:	83	Resp:	74703
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5



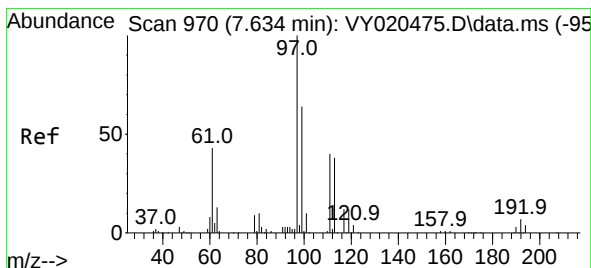
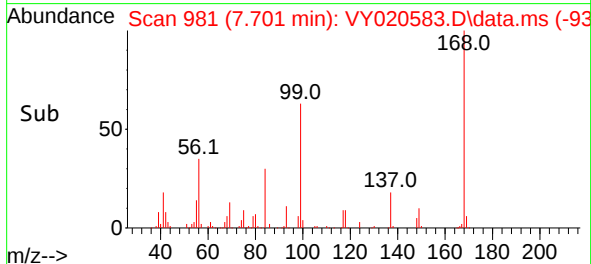
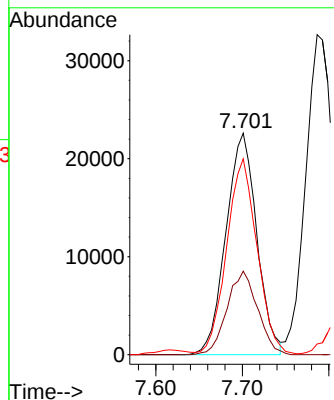


#31
Cyclohexane
Concen: 17.976 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

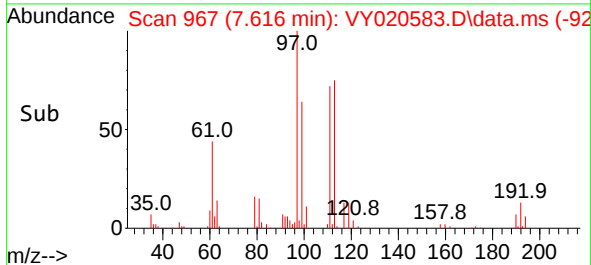
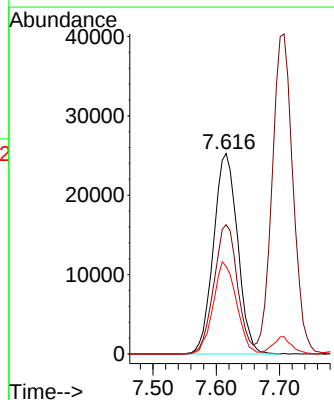
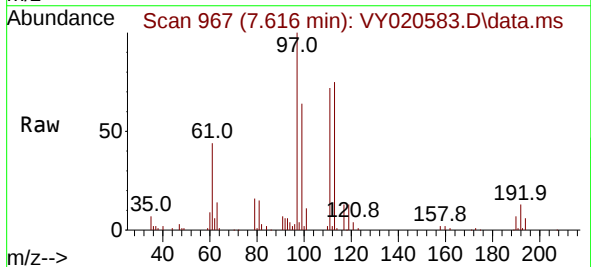


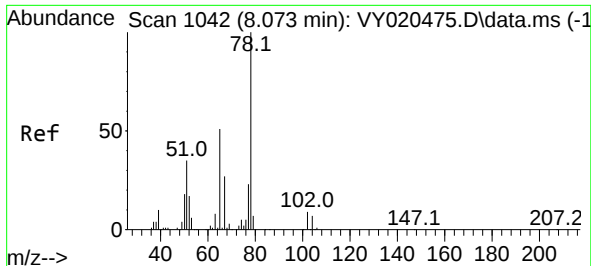
Tgt Ion: 56 Resp: 55898
Ion Ratio Lower Upper
56 100
69 37.7 25.3 37.9
84 86.7 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 19.620 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 97 Resp: 66690
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 44.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 49.816 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

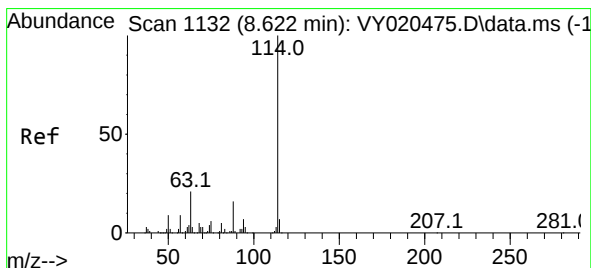
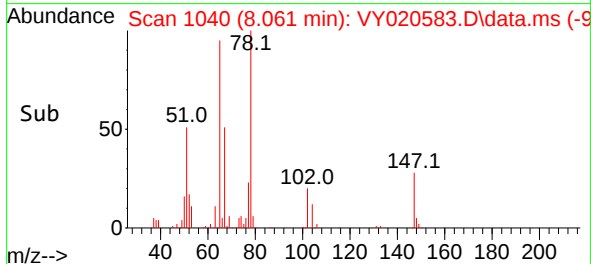
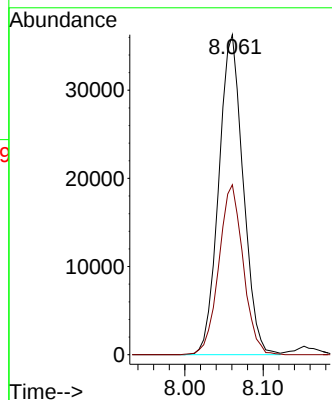
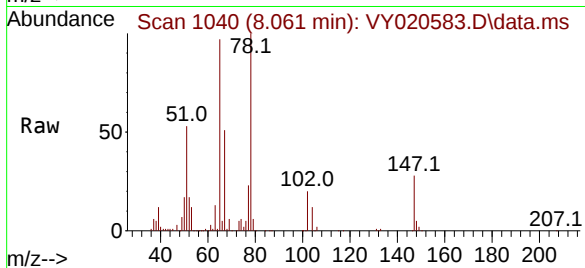
ClientSampleId :

Tgt Ion: 65 Resp: 78621

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

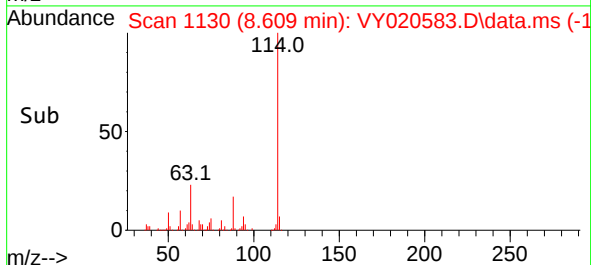
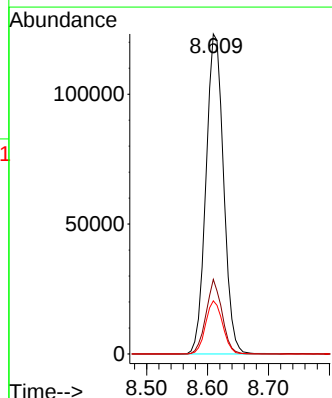
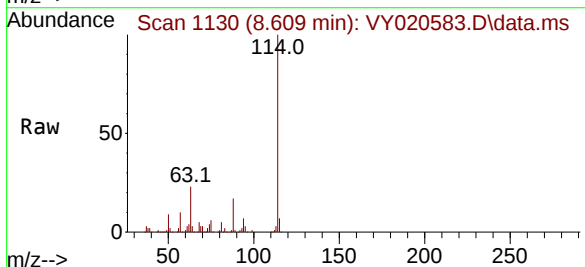
Tgt Ion:114 Resp: 247256

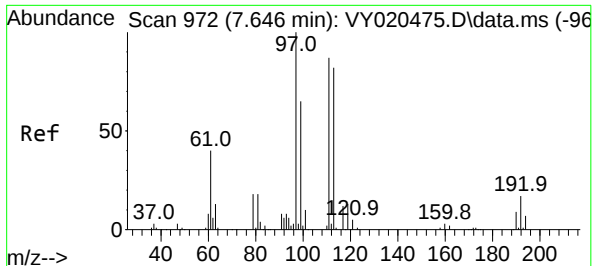
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.8

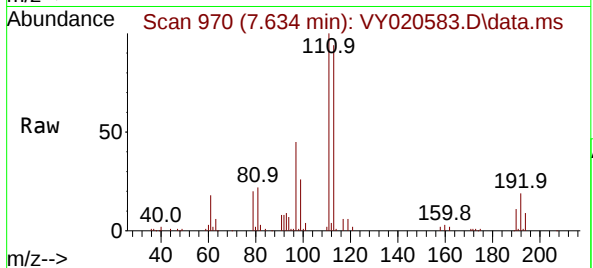
88 16.6 0.0 32.0



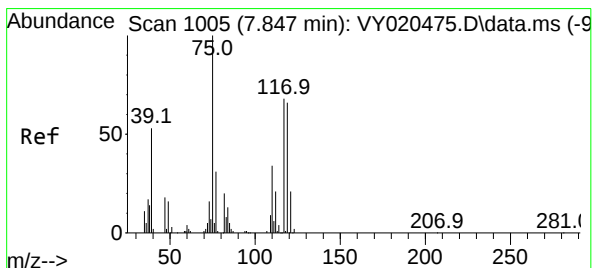
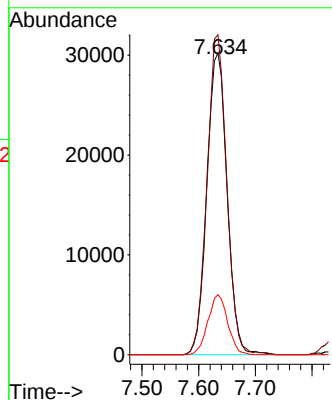
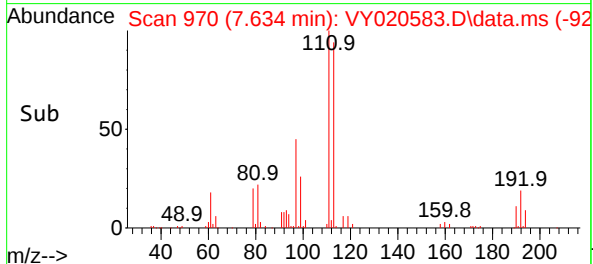


#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

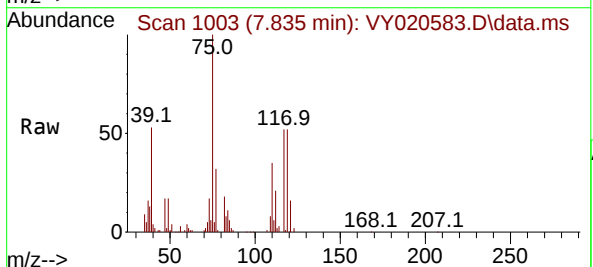
Instrument :
MSVOA_Y
ClientSampleId :



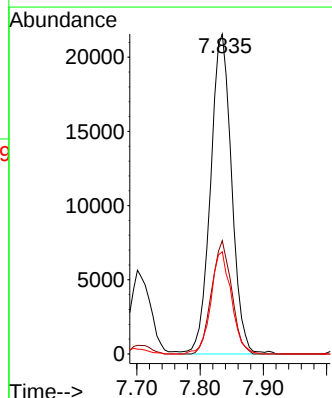
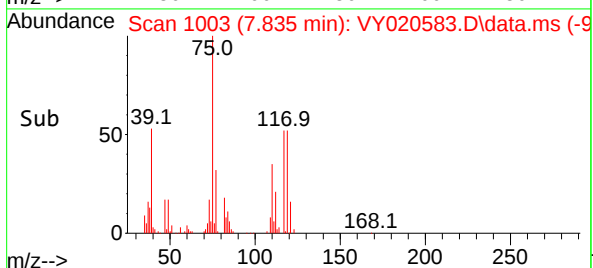
Tgt Ion:113 Resp: 74880
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.3 15.1 22.7

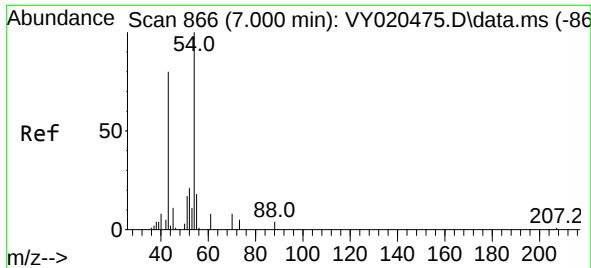


#36
1,1-Dichloropropene
Concen: 19.013 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55



Tgt Ion: 75 Resp: 49977
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.0
77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 26.585 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.018 min

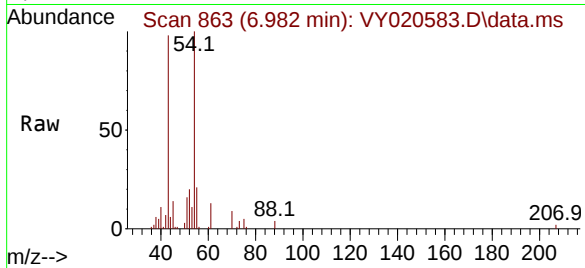
Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :



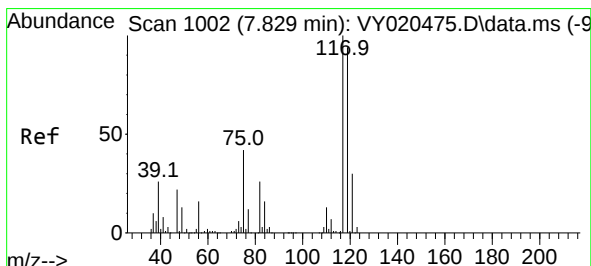
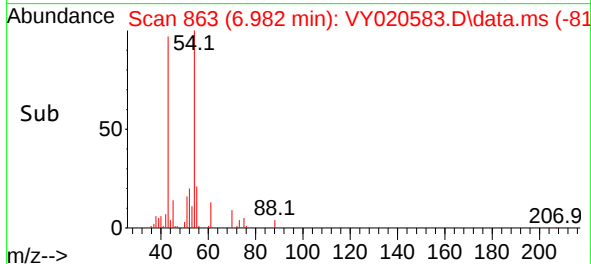
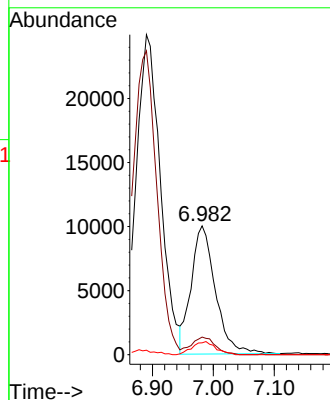
Tgt Ion: 43 Resp: 27686

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 9.8 7.3 10.9



#38

Carbon Tetrachloride

Concen: 18.909 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

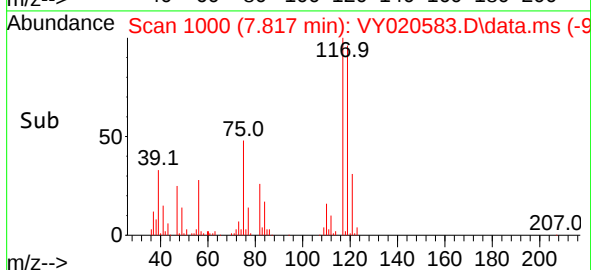
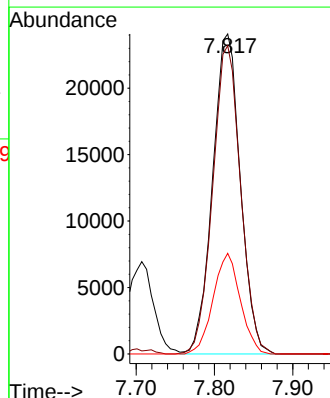
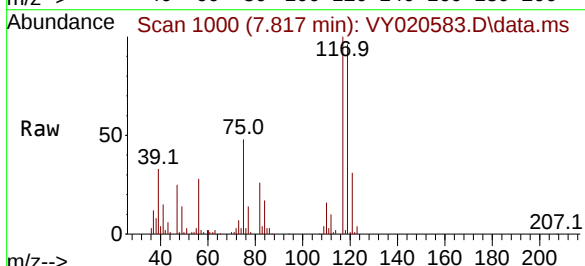
Tgt Ion: 117 Resp: 59324

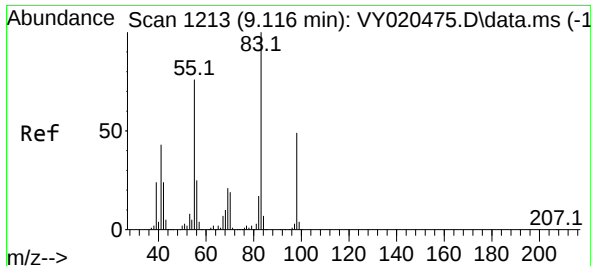
Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6

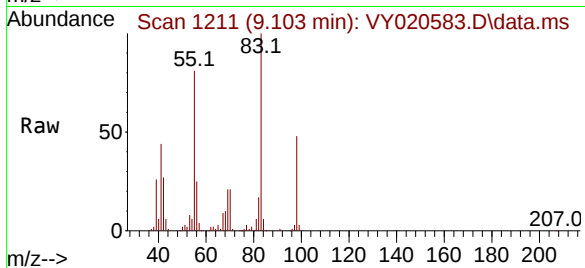
121 31.4 24.6 37.0



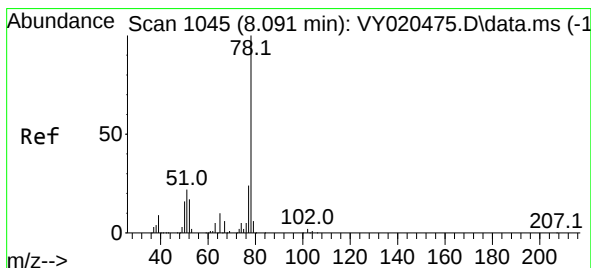
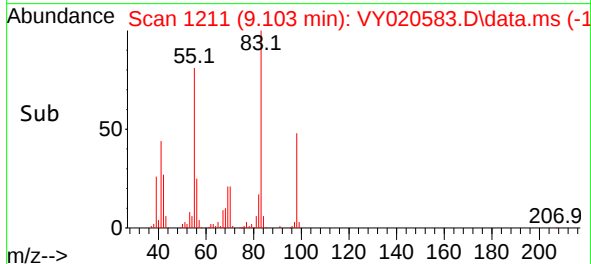
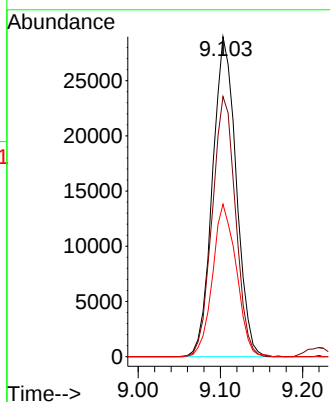


#39
Methylcyclohexane
Concen: 17.801 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

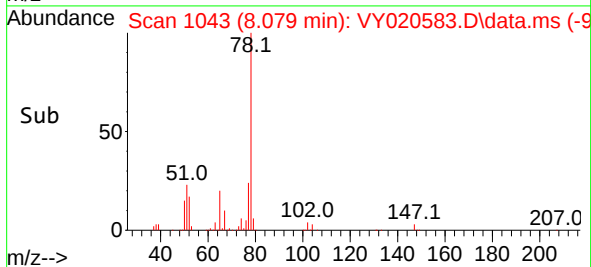
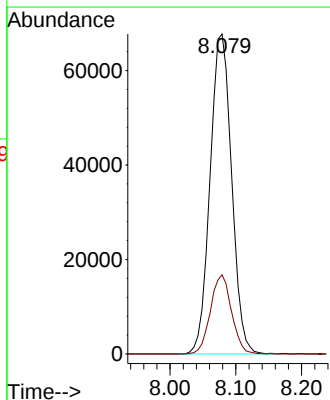
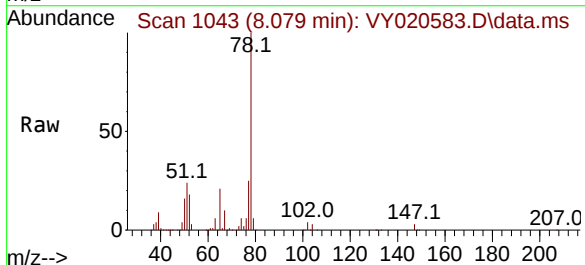


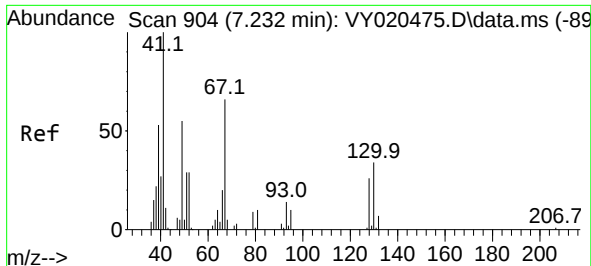
Tgt Ion: 83 Resp: 58063
Ion Ratio Lower Upper
83 100
55 81.3 62.6 93.8
98 47.7 37.0 55.4



#40
Benzene
Concen: 19.949 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

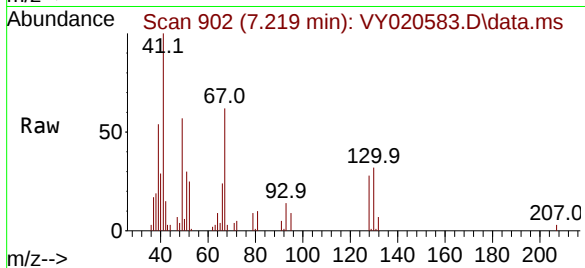
Tgt Ion: 78 Resp: 154612
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0



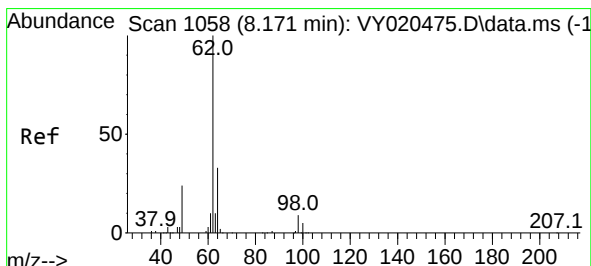
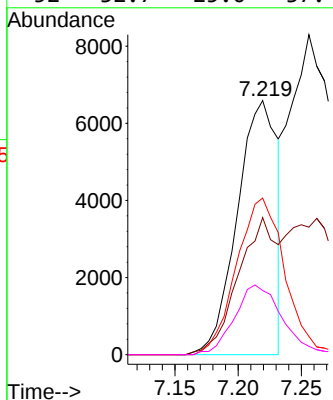
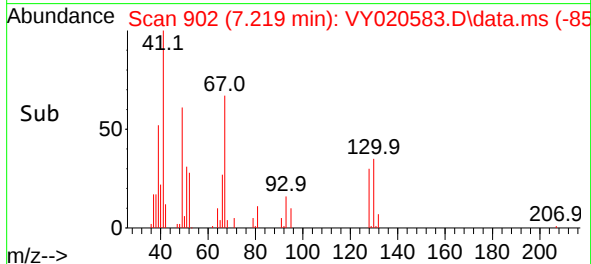


#41
Methacrylonitrile
Concen: 24.550 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

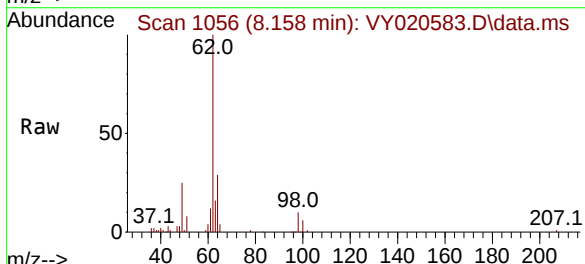
Instrument :
MSVOA_Y
ClientSampleId :



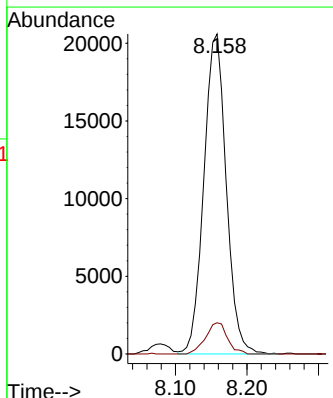
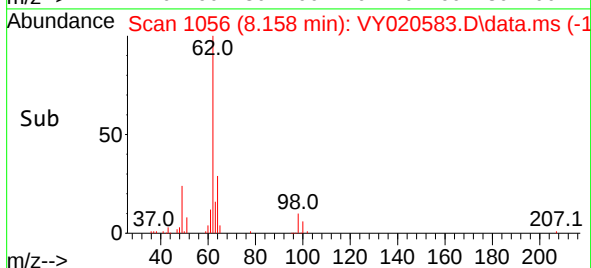
Tgt Ion:	41	Resp:	14534
Ion	Ratio	Lower	Upper
41	100		
39	52.1	49.0	73.4
67	74.5	57.1	85.7
52	32.7	25.0	37.4

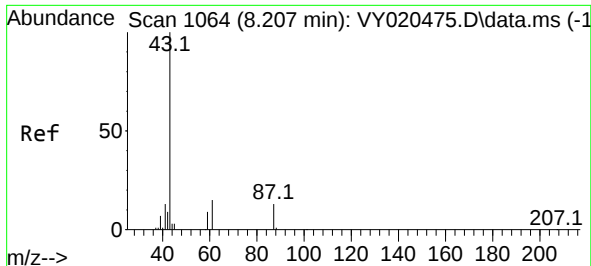


#42
1,2-Dichloroethane
Concen: 21.997 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55



Tgt Ion:	62	Resp:	44797
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

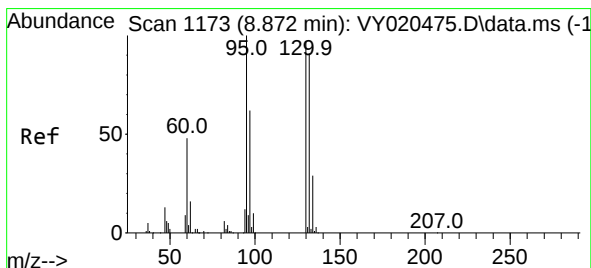
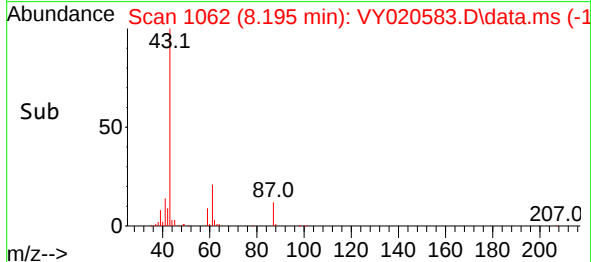
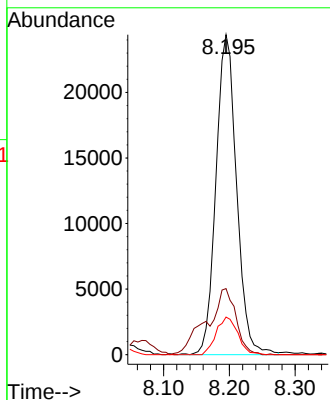
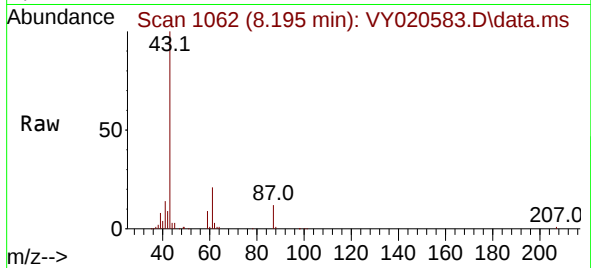




#43
Isopropyl Acetate
Concen: 25.304 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

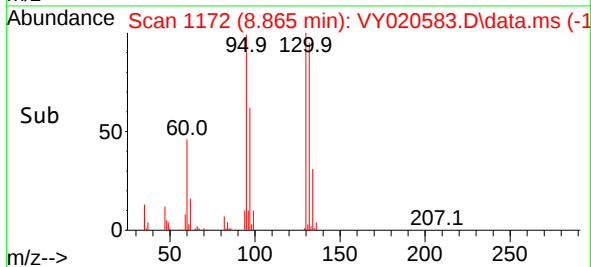
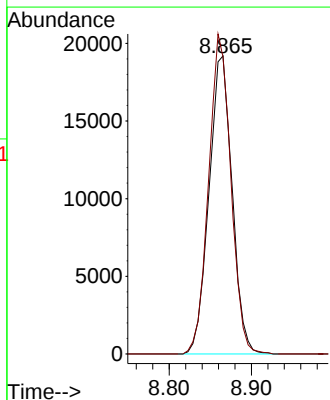
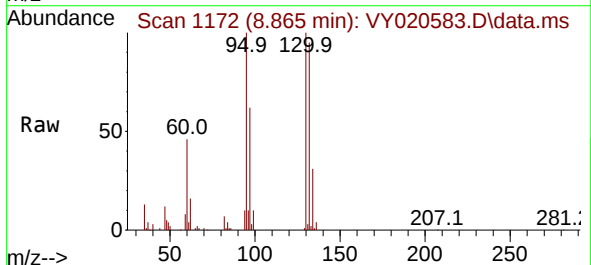
Instrument :
MSVOA_Y
ClientSampleId :

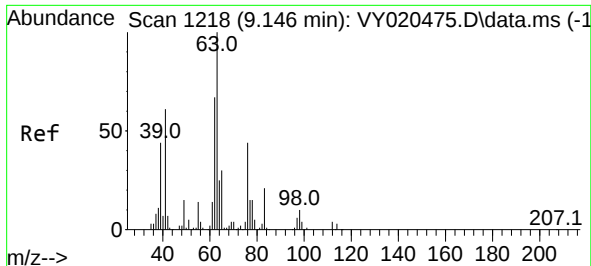
Tgt Ion: 43 Resp: 53212
Ion Ratio Lower Upper
43 100
61 29.2 22.8 34.2
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 19.613 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion:130 Resp: 37472
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.364 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

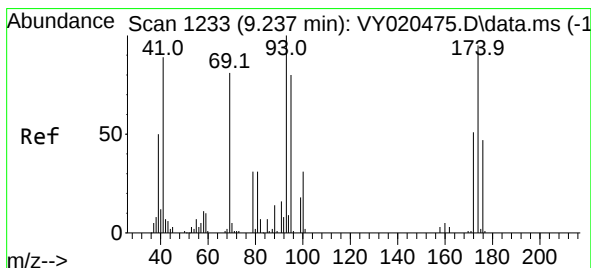
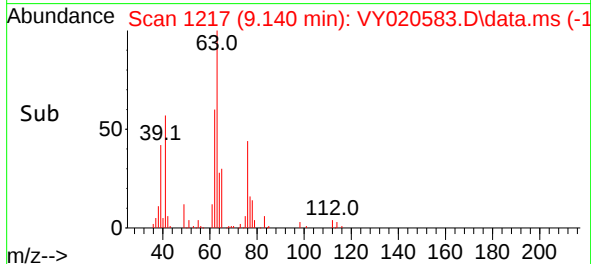
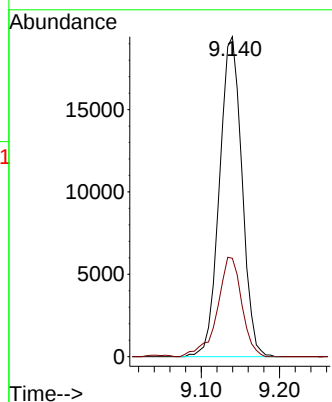
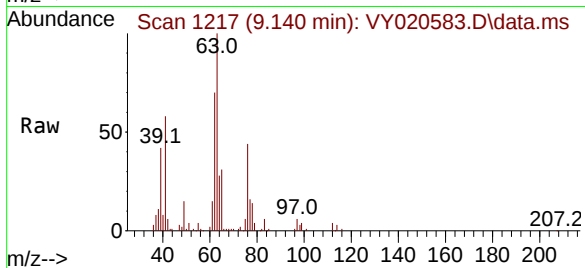
ClientSampleId :

Tgt Ion: 63 Resp: 38746

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.4



#46

Dibromomethane

Concen: 22.971 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

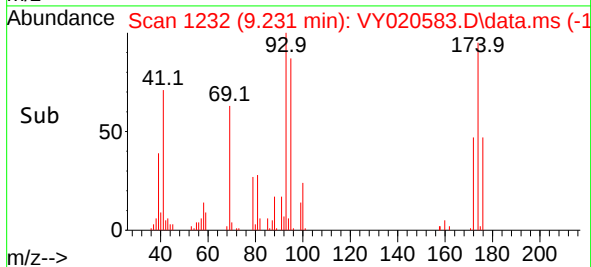
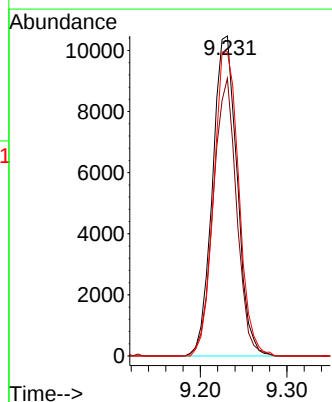
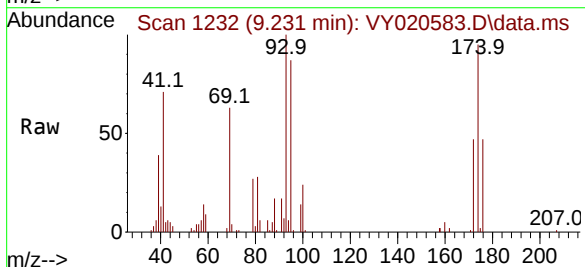
Tgt Ion: 93 Resp: 20627

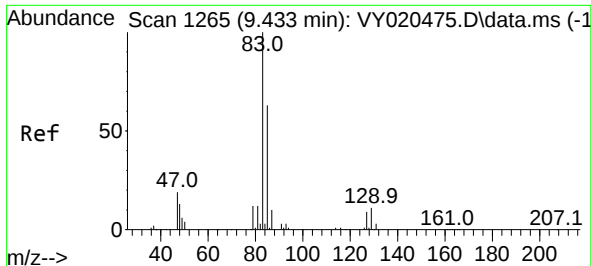
Ion Ratio Lower Upper

93 100

95 82.6 65.3 97.9

174 97.0 74.4 111.6

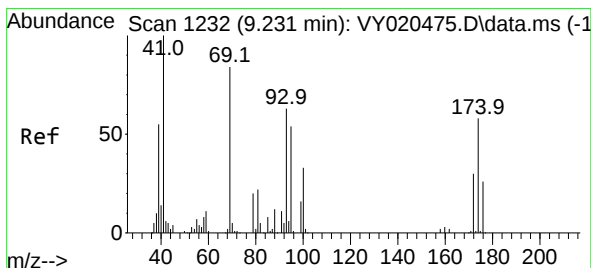
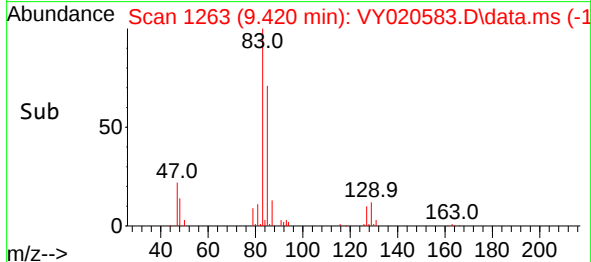
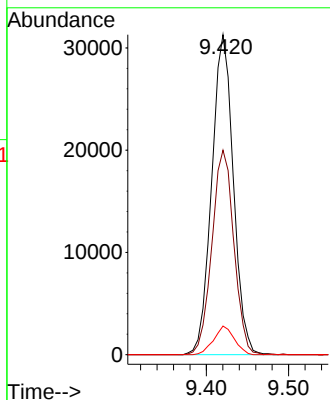
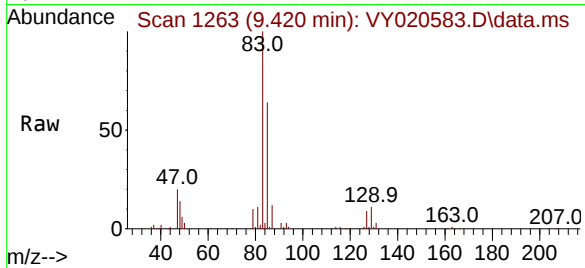




#47
Bromodichloromethane
Concen: 21.607 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

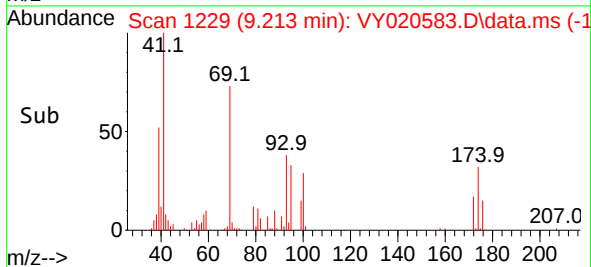
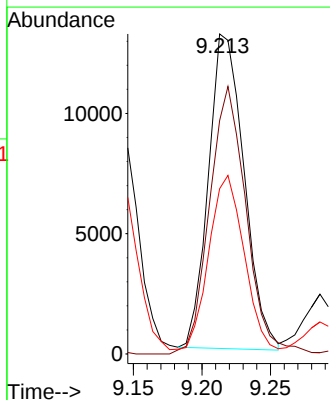
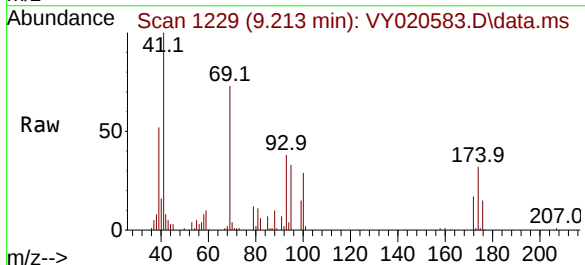
Instrument :
MSVOA_Y
ClientSampleId :

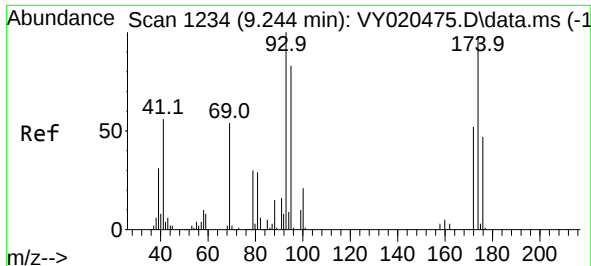
Tgt Ion: 83 Resp: 57165
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 24.142 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.018 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 41 Resp: 23674
Ion Ratio Lower Upper
41 100
69 87.4 66.1 99.1
39 57.6 46.0 69.0





#49

1,4-Dioxane

Concen: 562.024 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

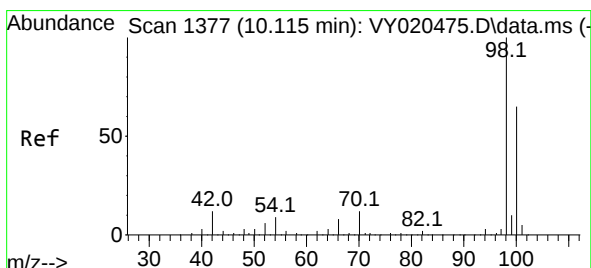
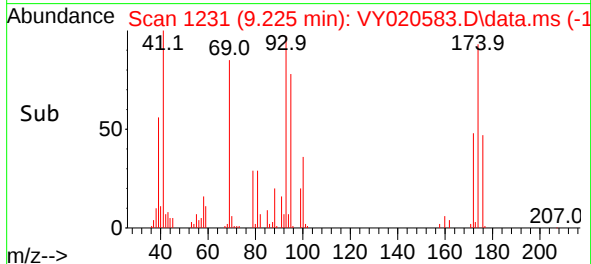
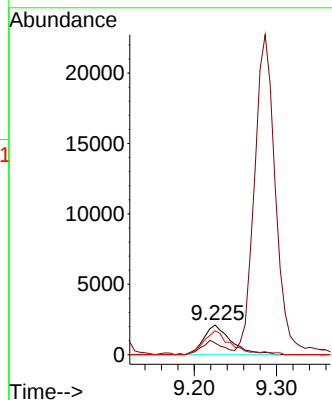
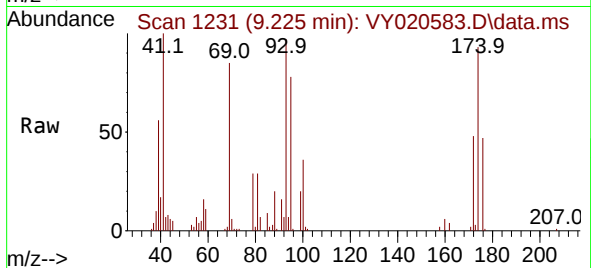
Tgt Ion: 88 Resp: 4824

Ion Ratio Lower Upper

88 100

43 38.5 24.6 37.0#

58 82.8 59.6 89.4



#50

Toluene-d8

Concen: 46.943 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020583.D

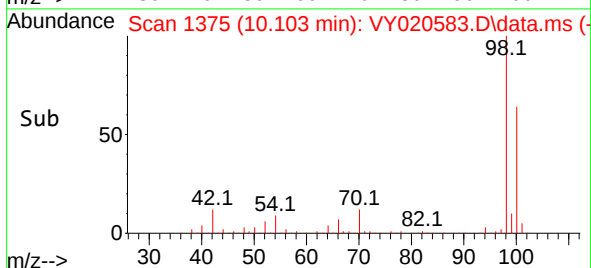
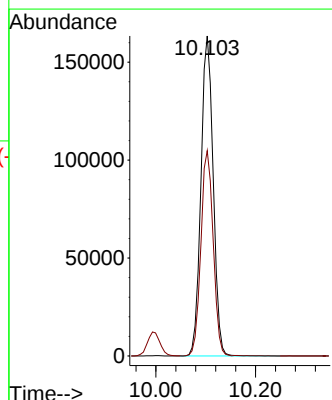
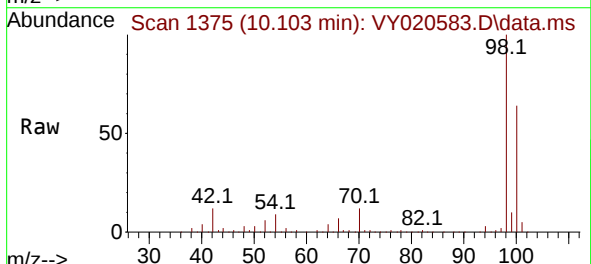
Acq: 11 Dec 2024 12:55

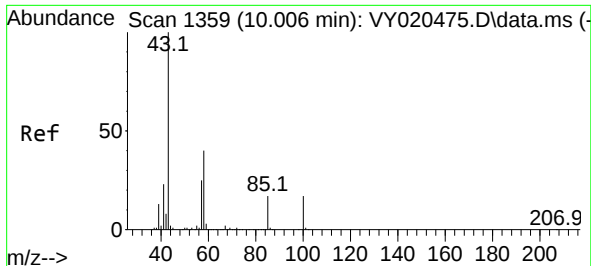
Tgt Ion: 98 Resp: 278244

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

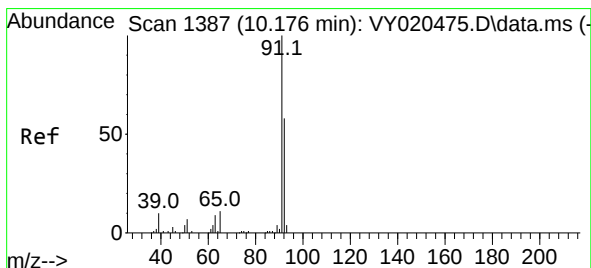
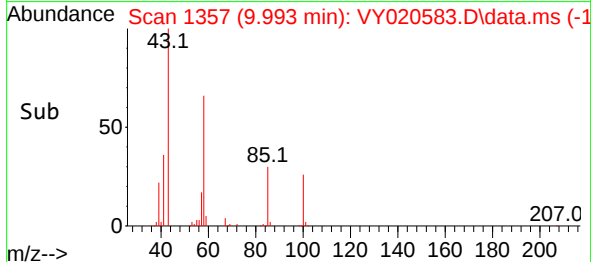
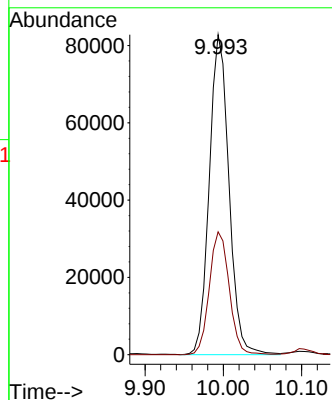
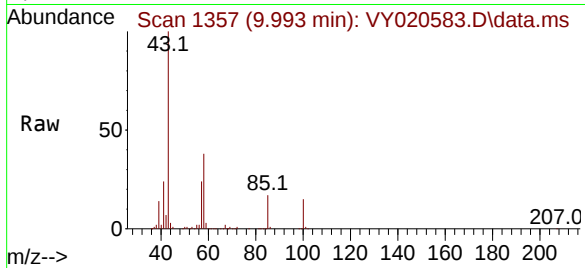




#51
4-Methyl-2-Pentanone
Concen: 139.162 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

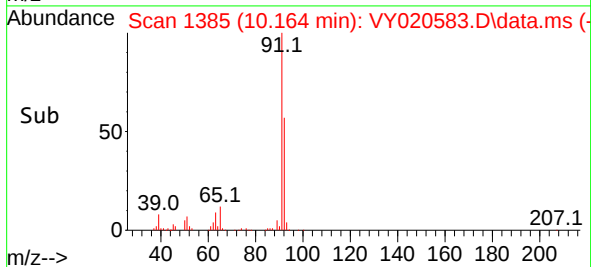
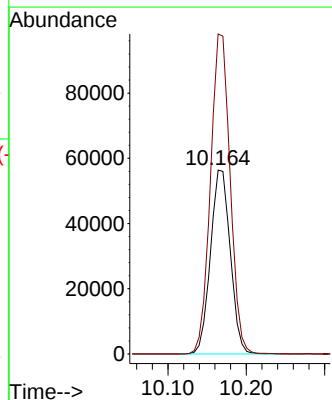
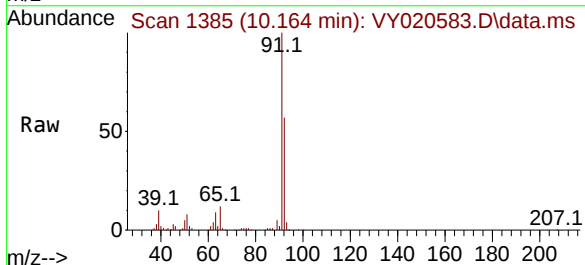
Instrument :
MSVOA_Y
ClientSampleId :

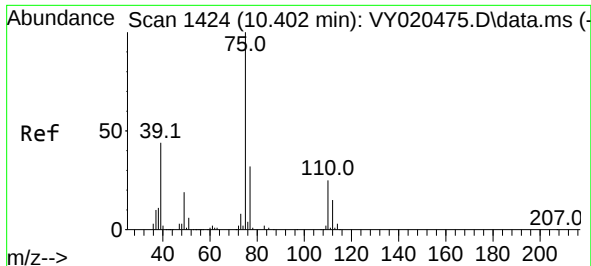
Tgt Ion: 43 Resp: 144521
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3



#52
Toluene
Concen: 20.460 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 92 Resp: 98935
Ion Ratio Lower Upper
92 100
91 172.9 139.7 209.5

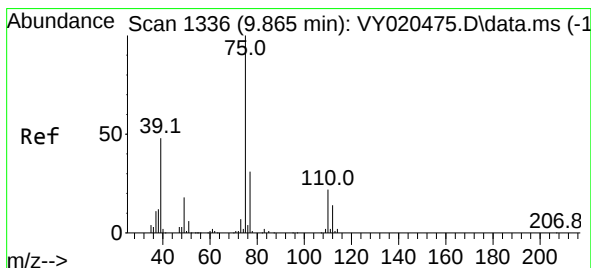
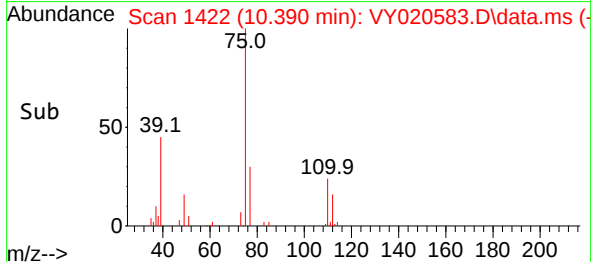
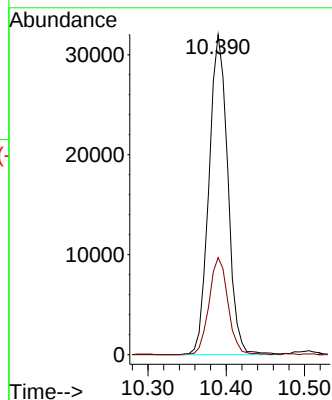
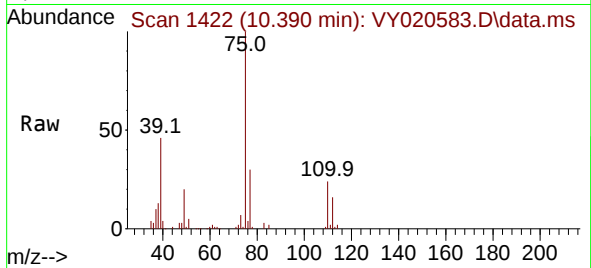




#53
 t-1,3-Dichloropropene
 Concen: 22.499 ug/l
 RT: 10.390 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

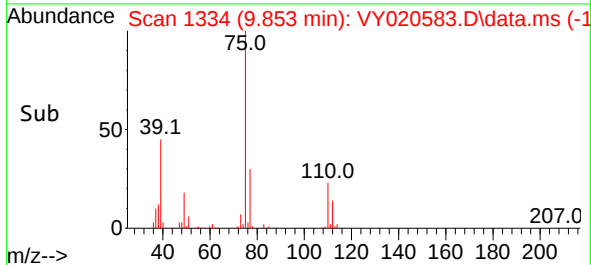
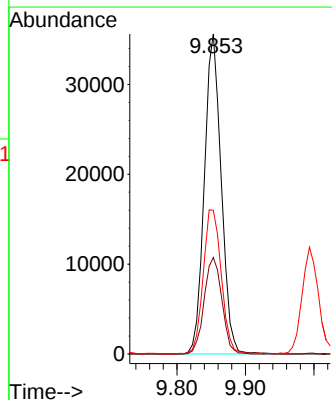
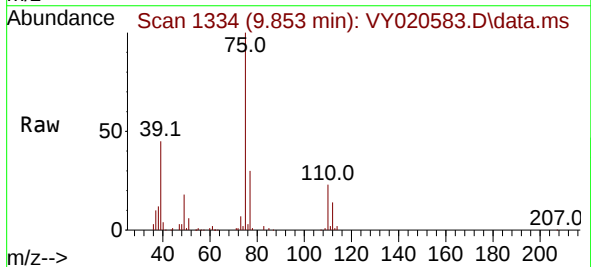
Instrument :
 MSVOA_Y
 ClientSampleId :

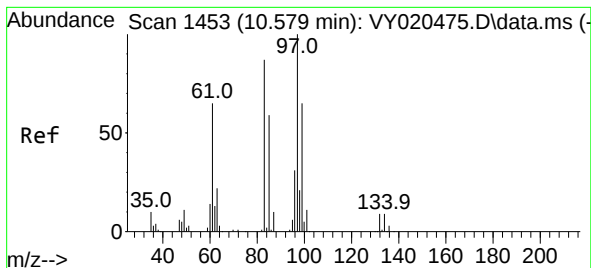
Tgt Ion: 75 Resp: 53440
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.743 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.012 min
 Lab File: VY020583.D
 Acq: 11 Dec 2024 12:55

Tgt Ion: 75 Resp: 61034
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4
 39 44.7 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 24.218 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 29010

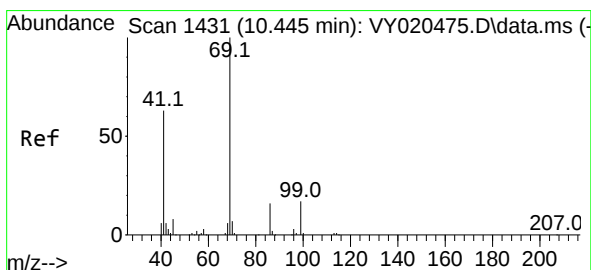
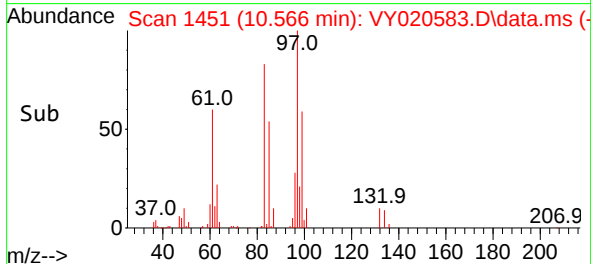
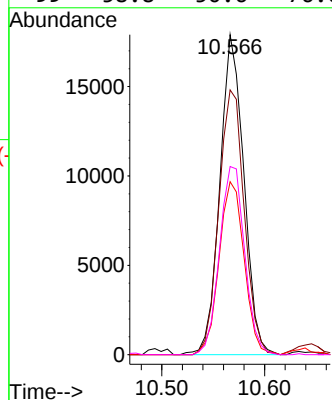
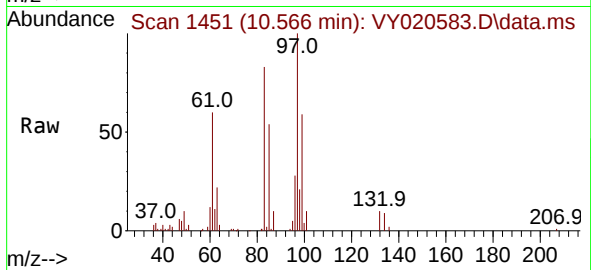
Ion Ratio Lower Upper

97 100

83 82.8 70.8 106.2

85 54.0 44.9 67.3

99 58.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 23.599 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

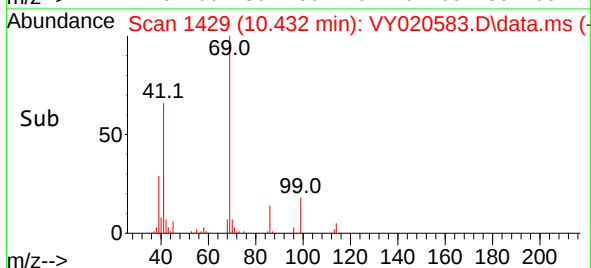
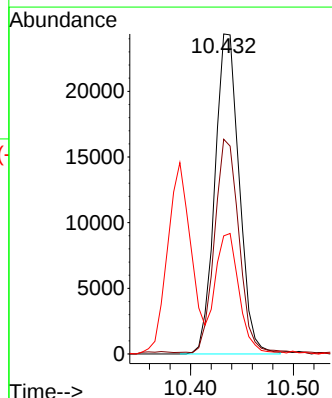
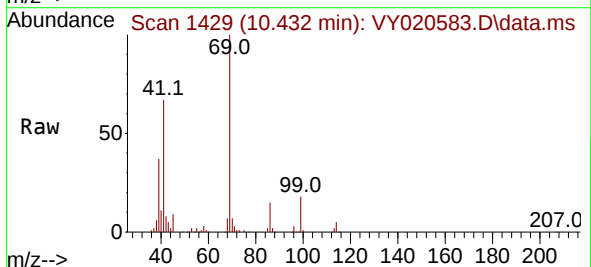
Tgt Ion: 69 Resp: 39997

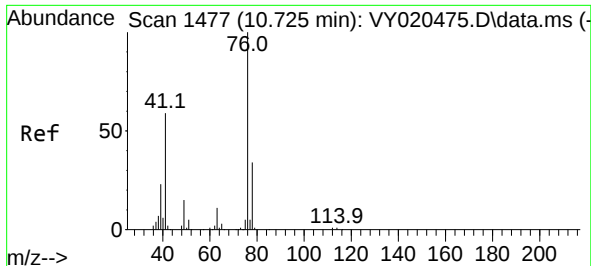
Ion Ratio Lower Upper

69 100

41 66.6 56.1 84.1

39 36.6 29.7 44.5





#57

1,3-Dichloropropane

Concen: 23.393 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

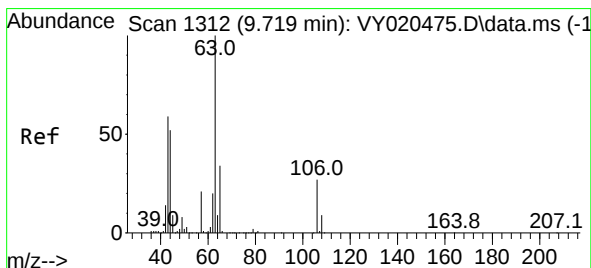
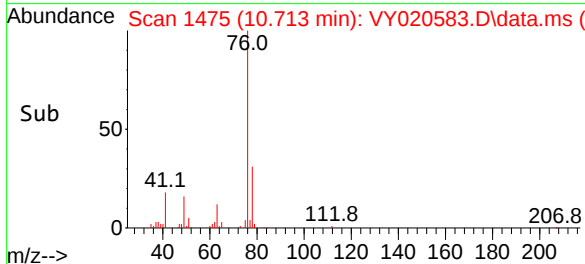
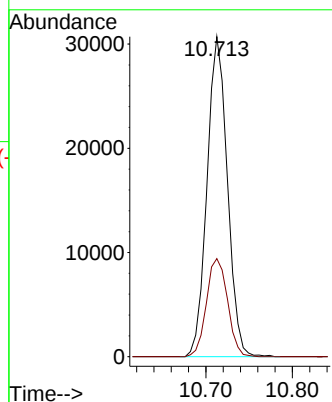
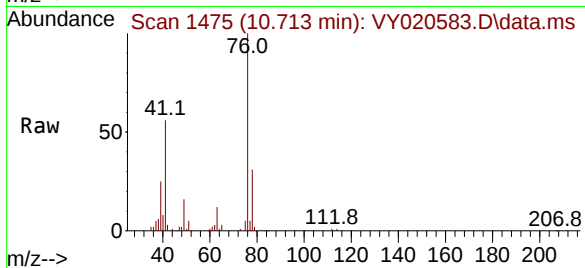
ClientSampleId :

Tgt Ion: 76 Resp: 50177

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 111.619 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020583.D

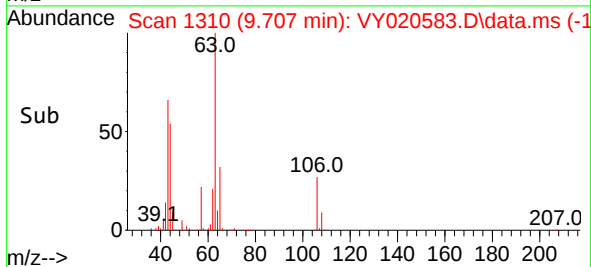
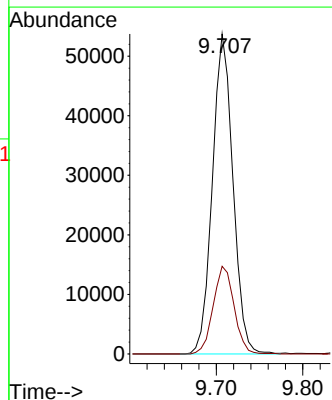
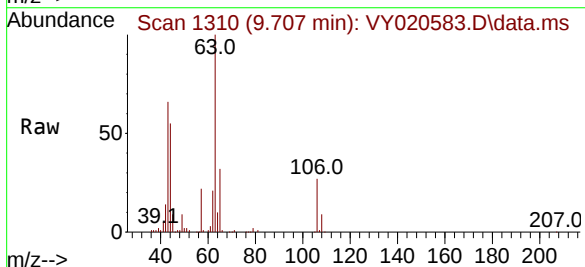
Acq: 11 Dec 2024 12:55

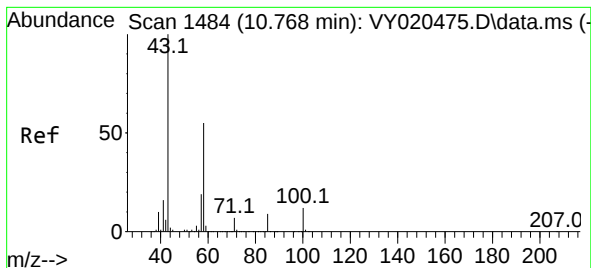
Tgt Ion: 63 Resp: 88576

Ion Ratio Lower Upper

63 100

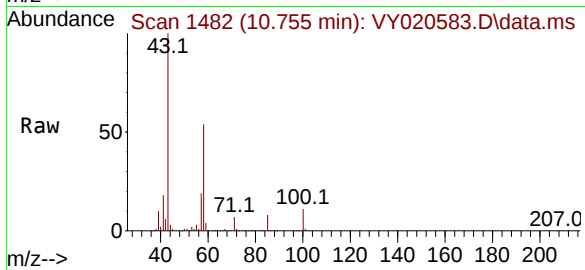
106 27.8 21.0 31.4



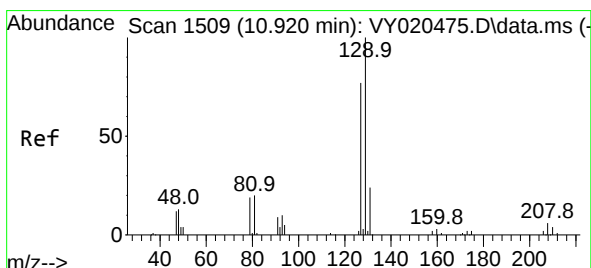
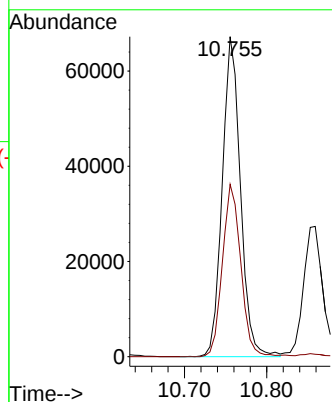
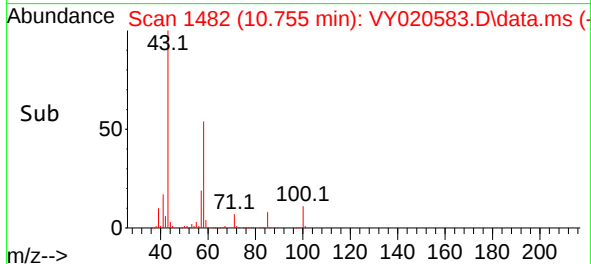


#59
2-Hexanone
Concen: 138.098 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

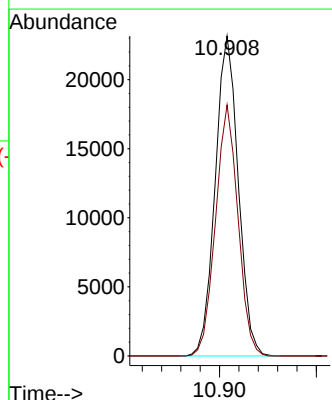
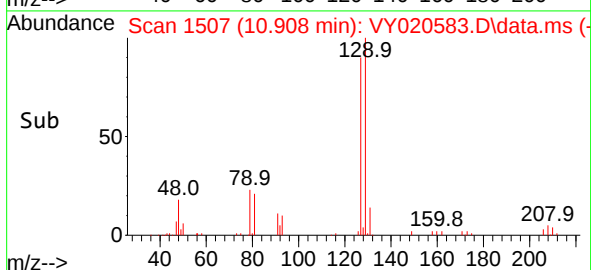
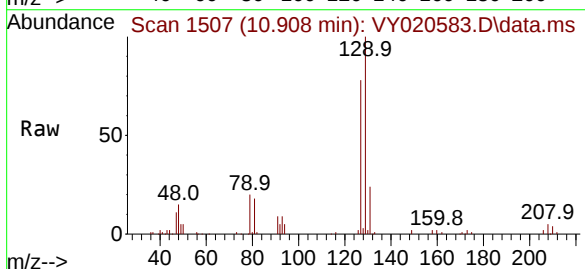


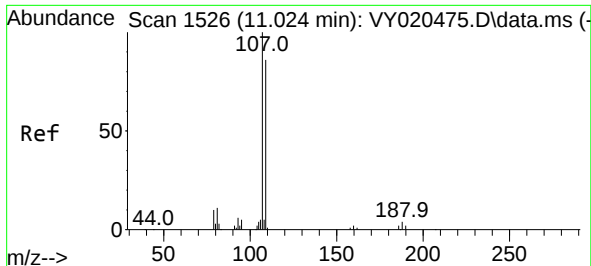
Tgt Ion: 43 Resp: 103462
Ion Ratio Lower Upper
43 100
58 54.6 26.4 79.2



#60
Dibromochloromethane
Concen: 22.955 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 129 Resp: 38282
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9

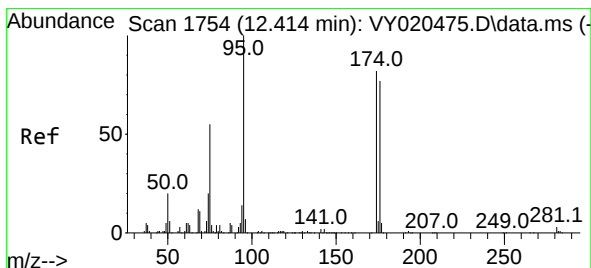
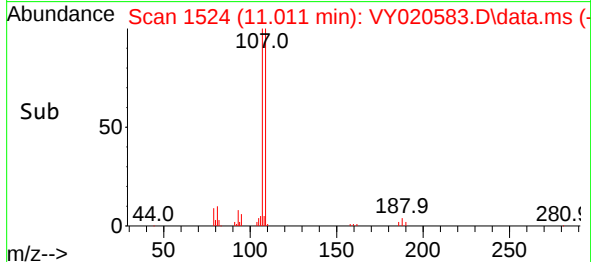
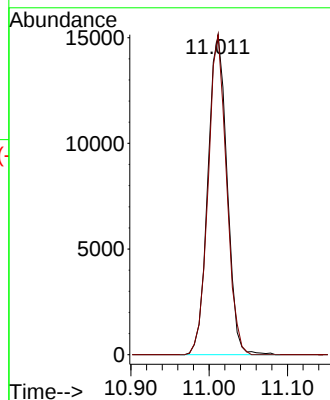
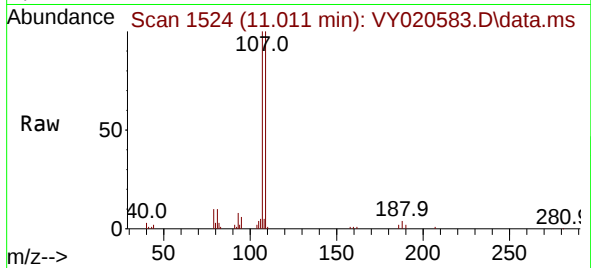




#61
1,2-Dibromoethane
Concen: 23.422 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

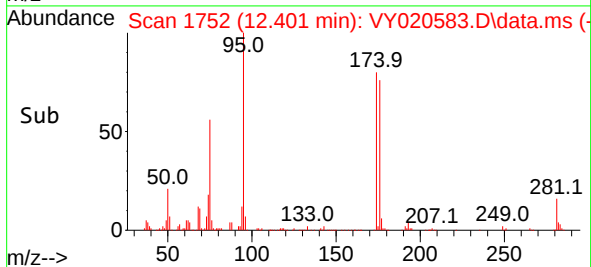
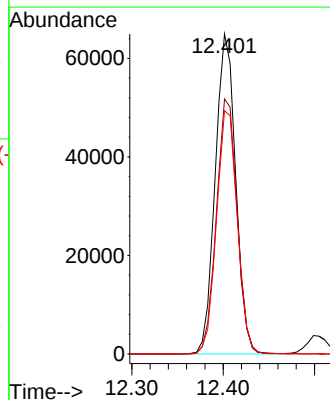
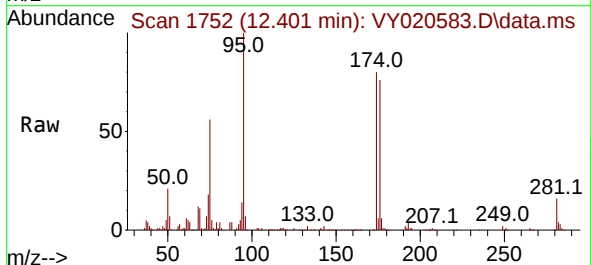
Instrument :
MSVOA_Y
ClientSampleId :

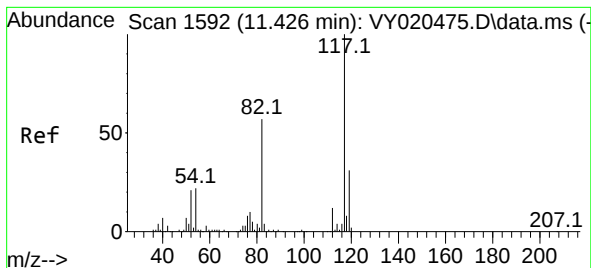
Tgt Ion:107 Resp: 25657
Ion Ratio Lower Upper
107 100
109 96.0 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.674 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 95 Resp: 100902
Ion Ratio Lower Upper
95 100
174 81.0 0.0 156.8
176 77.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

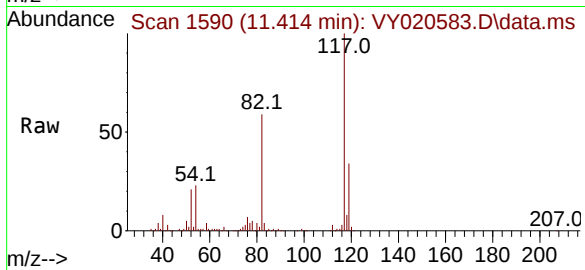
Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :



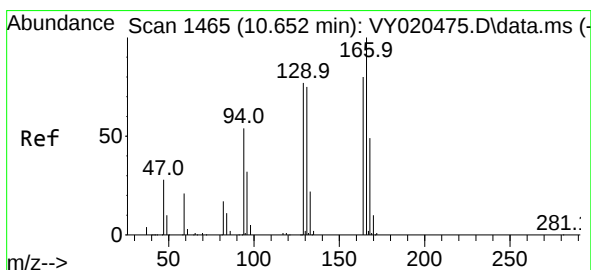
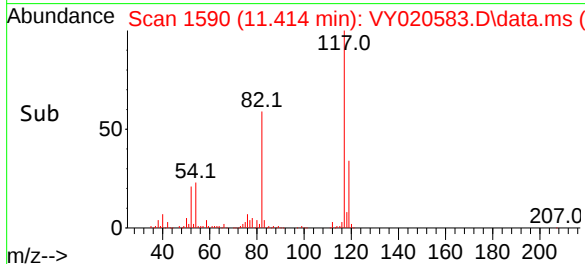
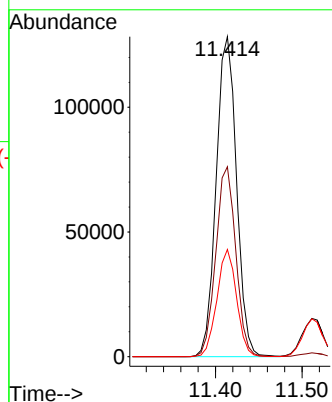
Tgt Ion:117 Resp: 209237

Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

119 33.5 25.8 38.8



#64

Tetrachloroethene

Concen: 19.757 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Tgt Ion:164 Resp: 34930

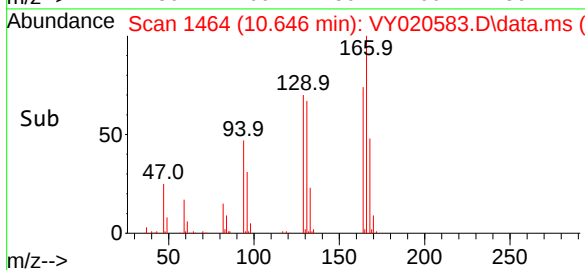
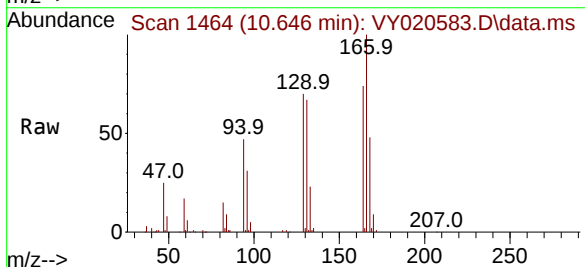
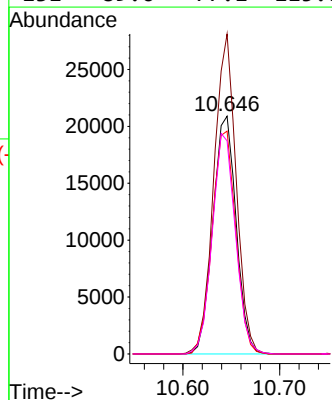
Ion Ratio Lower Upper

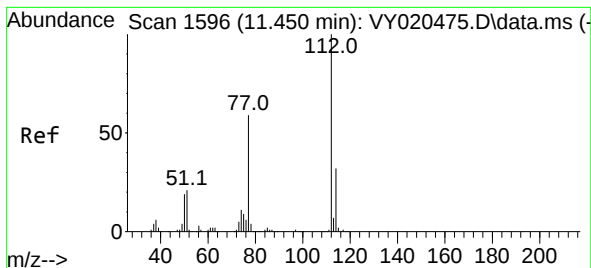
164 100

166 134.6 103.8 155.8

129 93.7 79.0 118.4

131 89.6 77.1 115.7





#65

Chlorobenzene

Concen: 20.648 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

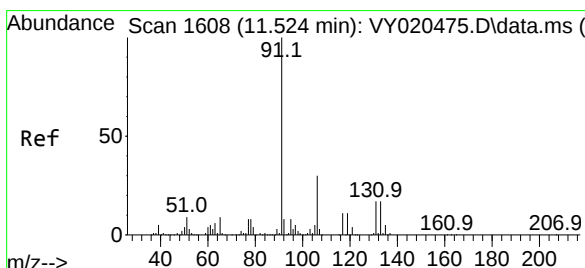
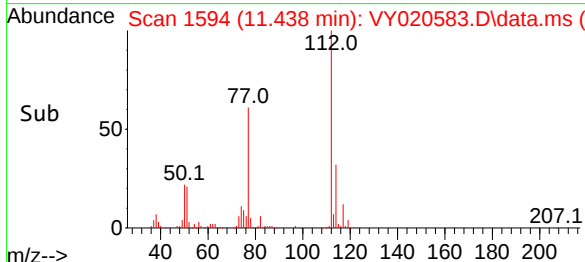
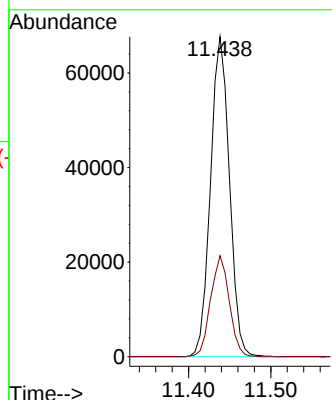
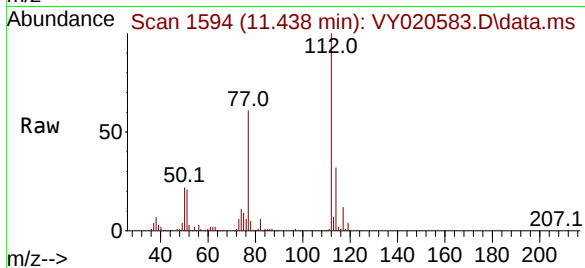
ClientSampleId :

Tgt Ion:112 Resp: 108293

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.373 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

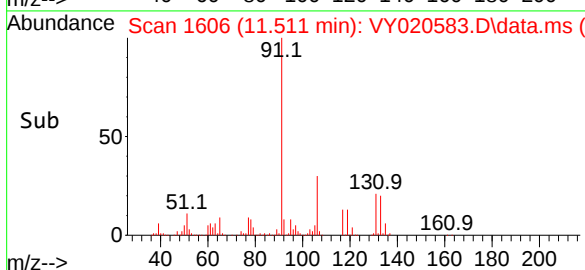
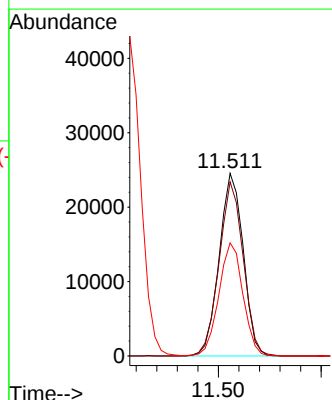
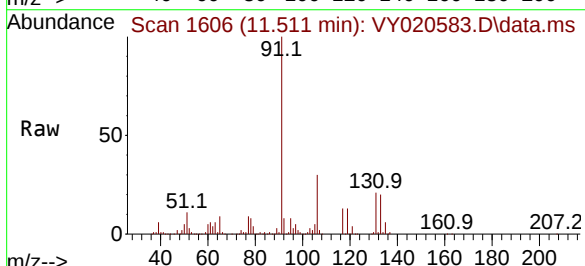
Tgt Ion:131 Resp: 39754

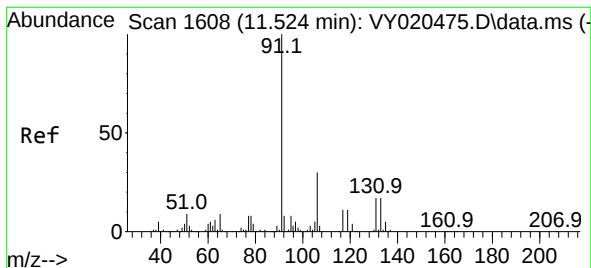
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 62.2 32.5 97.5





#67

Ethyl Benzene

Concen: 19.939 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

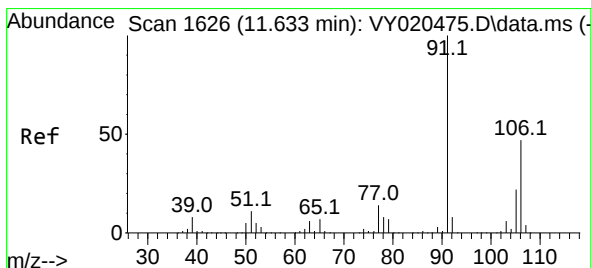
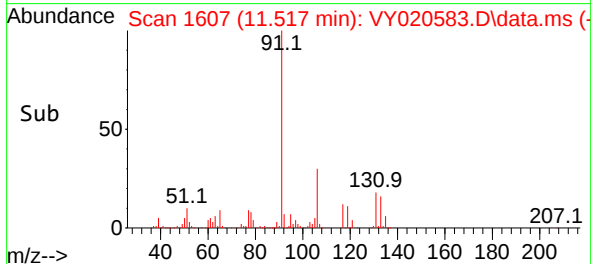
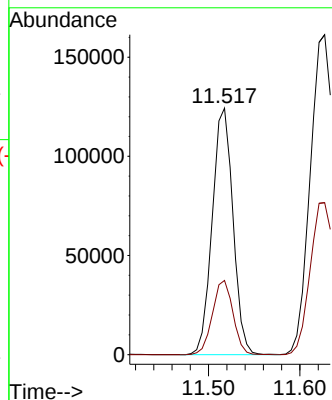
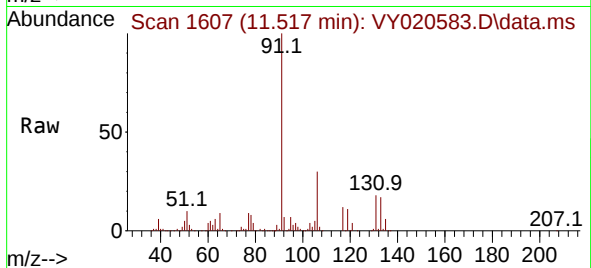
ClientSampleId :

Tgt Ion: 91 Resp: 196013

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 40.134 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020583.D

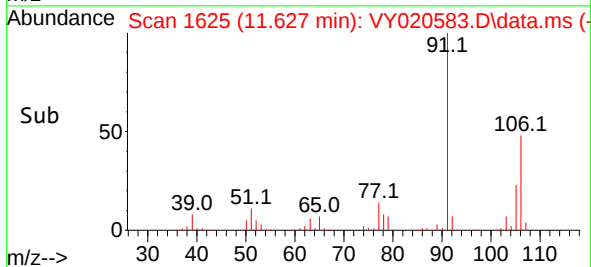
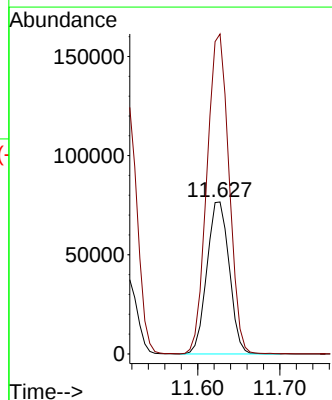
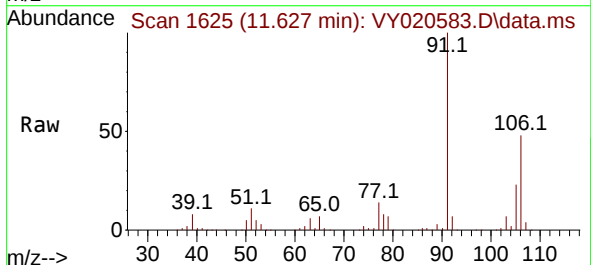
Acq: 11 Dec 2024 12:55

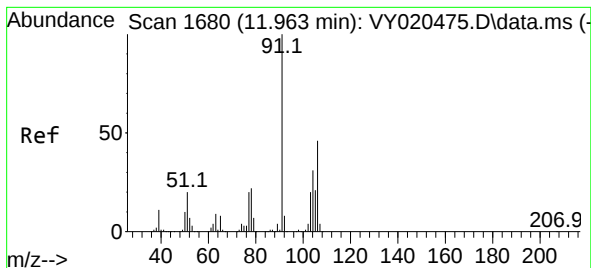
Tgt Ion:106 Resp: 144470

Ion Ratio Lower Upper

106 100

91 208.3 166.0 249.0





#69

o-Xylene

Concen: 20.371 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

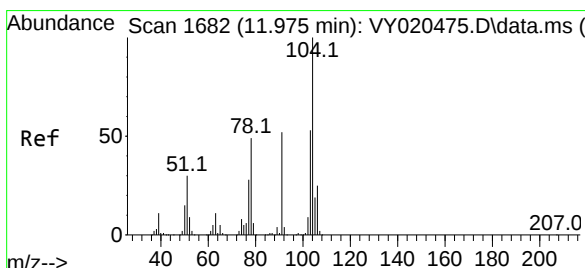
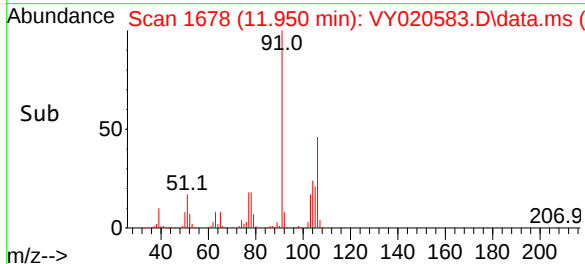
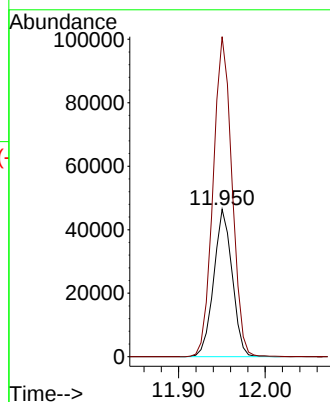
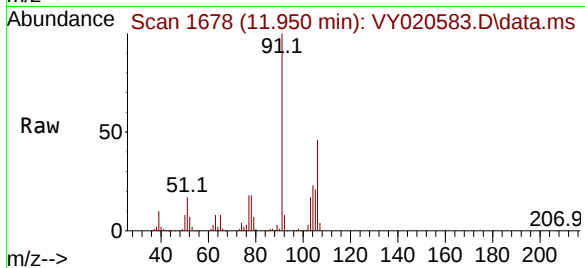
ClientSampleId :

Tgt Ion:106 Resp: 68698

Ion Ratio Lower Upper

106 100

91 221.9 110.0 330.0



#70

Styrene

Concen: 21.071 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

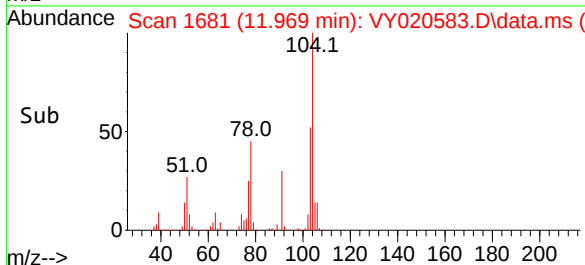
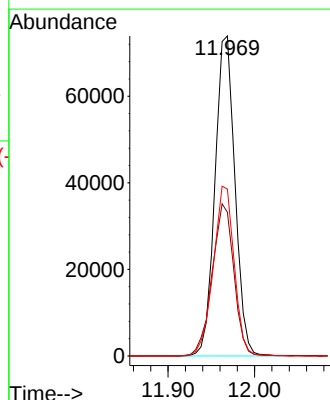
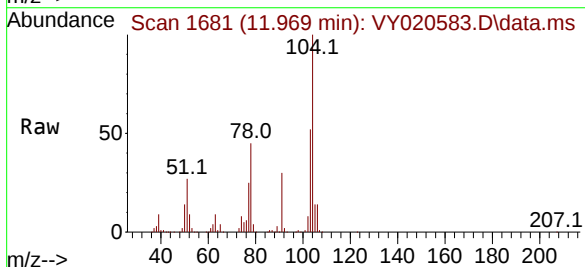
Tgt Ion:104 Resp: 118553

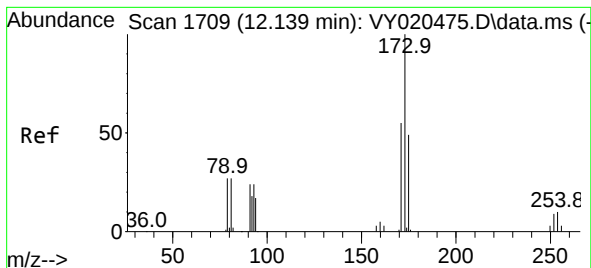
Ion Ratio Lower Upper

104 100

78 51.7 41.4 62.2

103 55.8 44.2 66.4





#71

Bromoform

Concen: 23.883 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

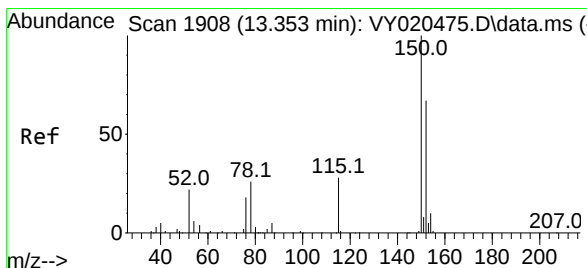
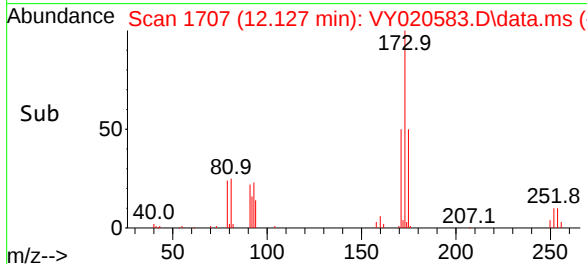
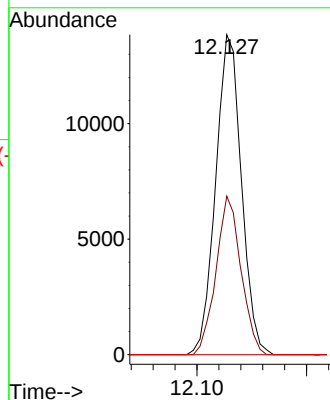
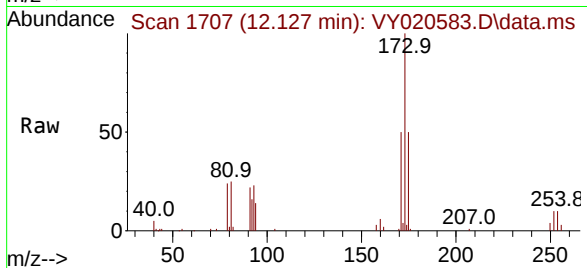
Tgt Ion:173 Resp: 22585

Ion Ratio Lower Upper

173 100

175 48.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

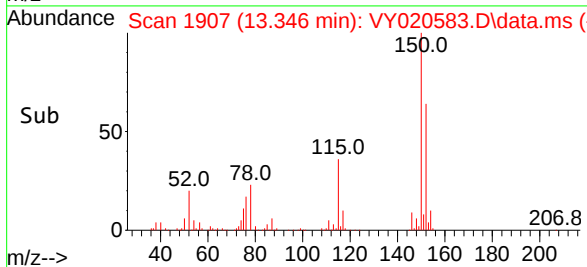
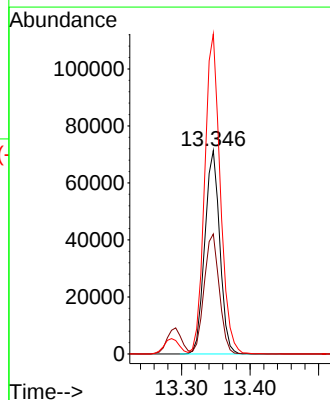
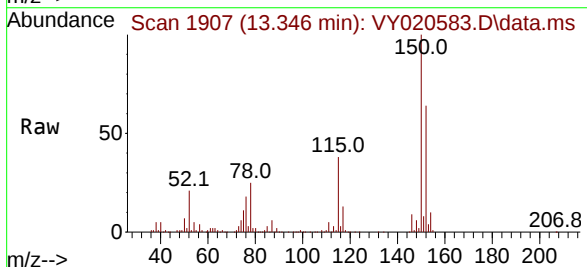
Tgt Ion:152 Resp: 108573

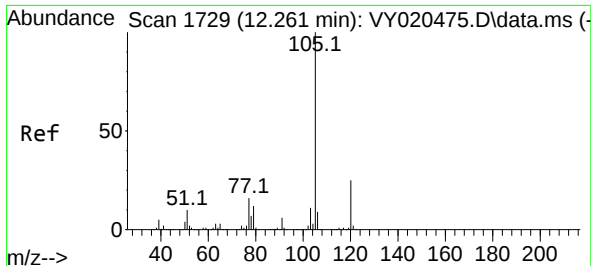
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

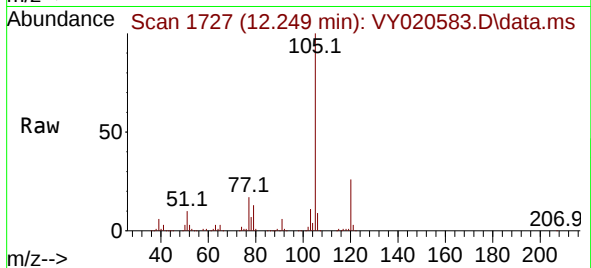
150 164.0 0.0 348.2



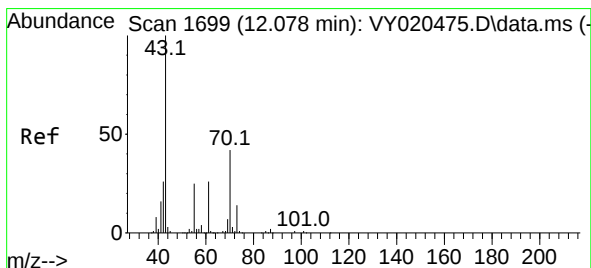
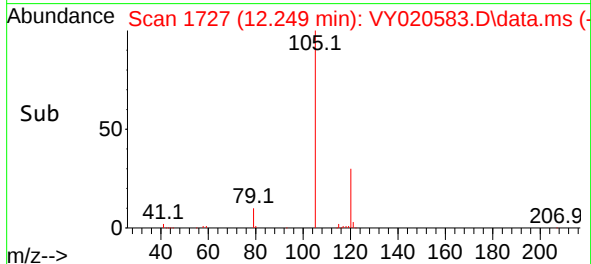
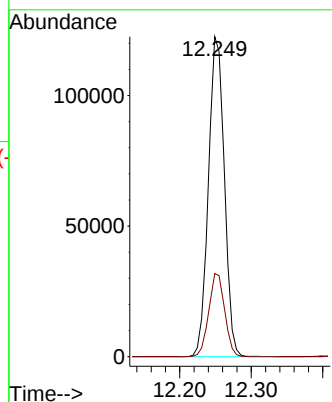


#73
Isopropylbenzene
Concen: 18.051 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

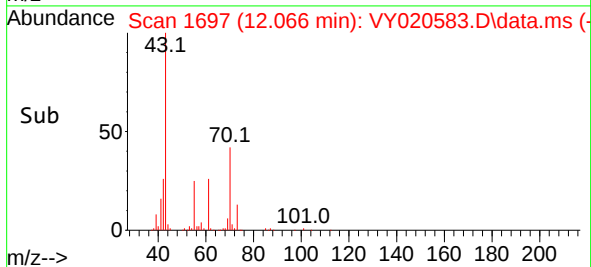
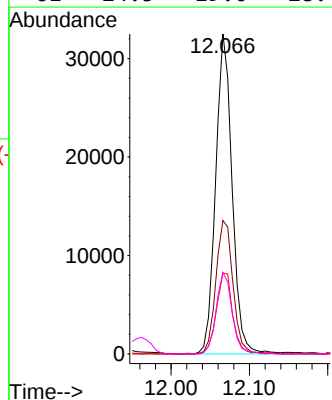
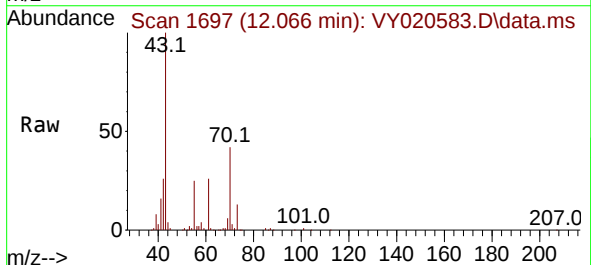


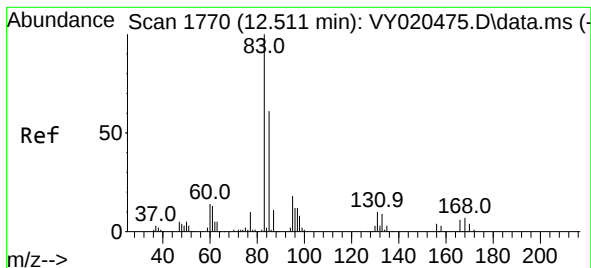
Tgt Ion:105 Resp: 189630
Ion Ratio Lower Upper
105 100
120 25.9 12.7 38.1



#74
N-amy1 acetate
Concen: 23.125 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 43 Resp: 47613
Ion Ratio Lower Upper
43 100
70 43.2 32.9 49.3
55 25.1 19.3 28.9
61 24.5 19.0 28.4

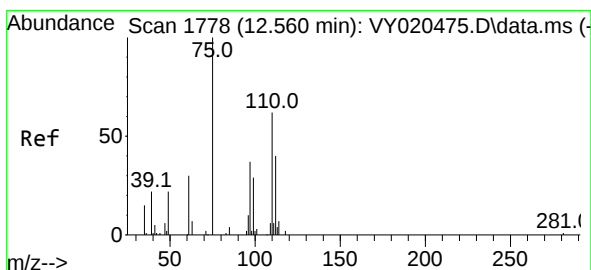
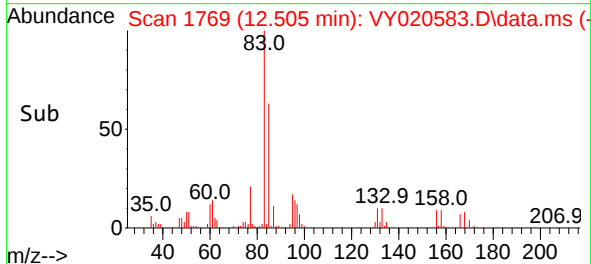
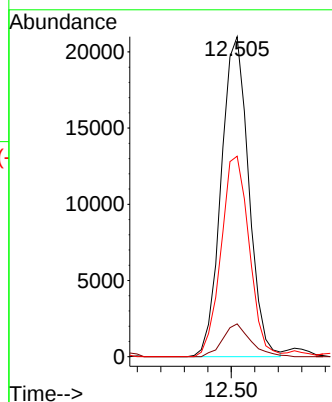
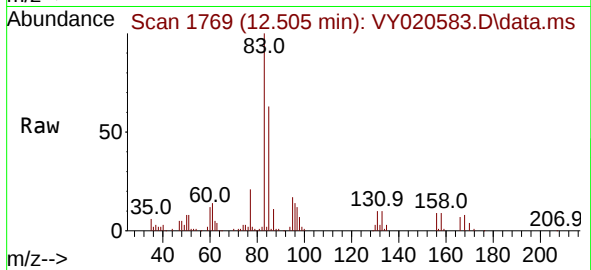




#75
1,1,2,2-Tetrachloroethane
Concen: 22.591 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

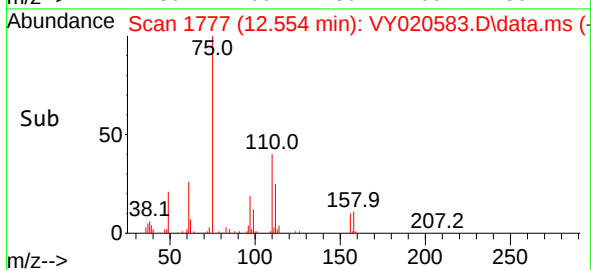
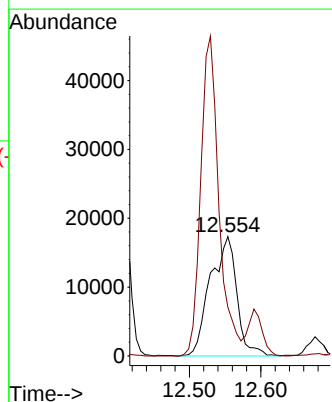
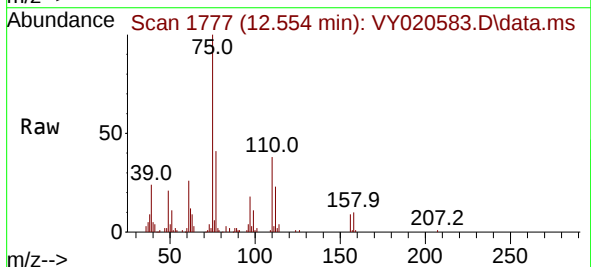
Instrument :
MSVOA_Y
ClientSampleId :

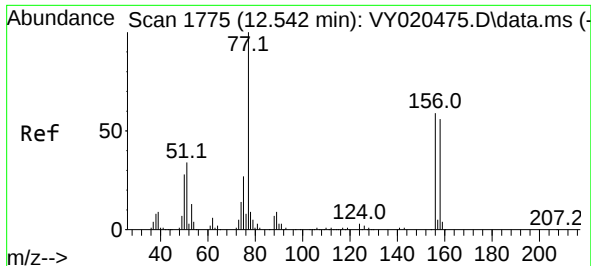
Tgt Ion: 83 Resp: 34129
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 40.381 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 75 Resp: 44662
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

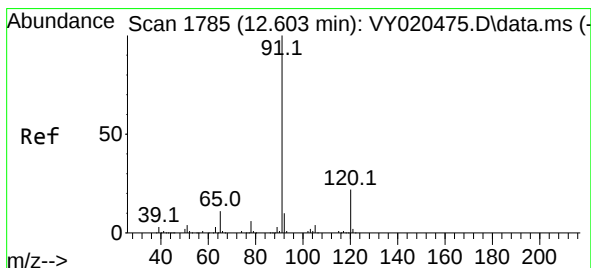
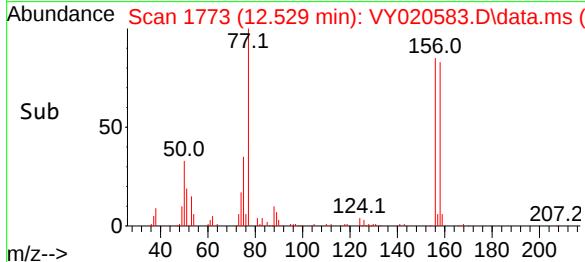
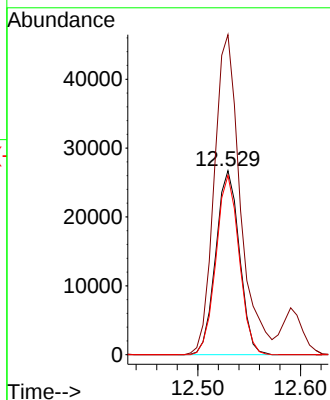
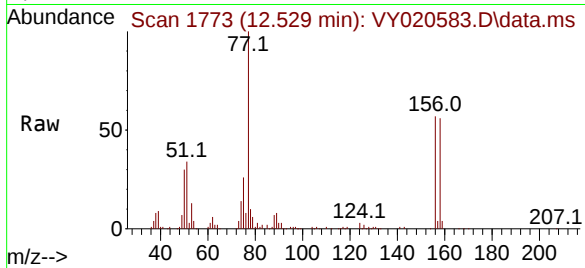




#77
Bromobenzene
Concen: 19.617 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

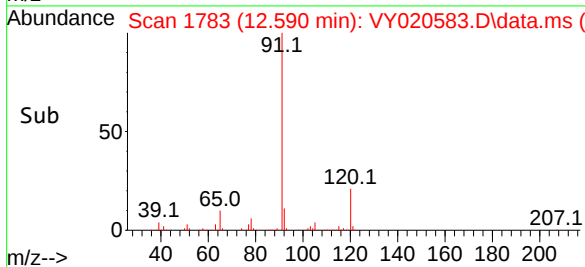
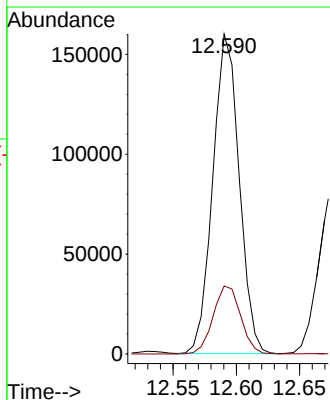
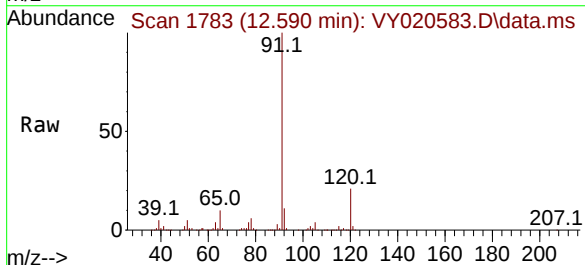
Instrument :
MSVOA_Y
ClientSampleId :

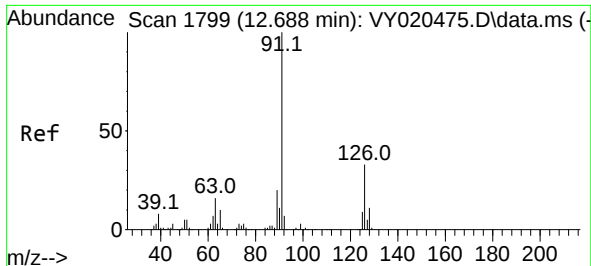
Tgt Ion:156 Resp: 42677
Ion Ratio Lower Upper
156 100
77 191.9 97.2 291.6
158 95.1 47.8 143.4



#78
n-propylbenzene
Concen: 18.639 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 91 Resp: 231826
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6

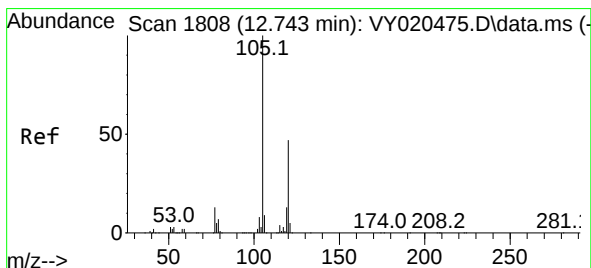
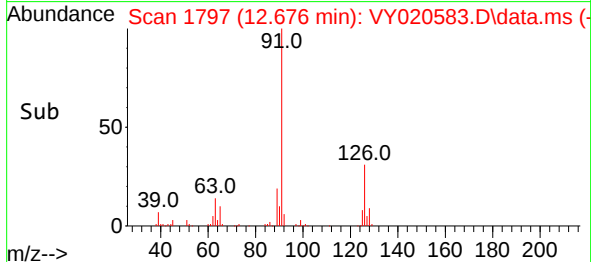
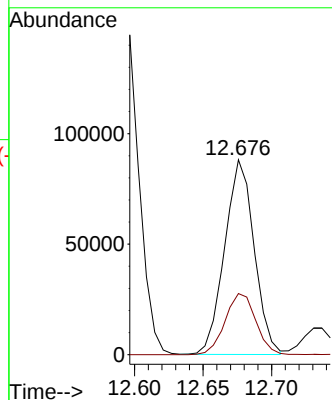
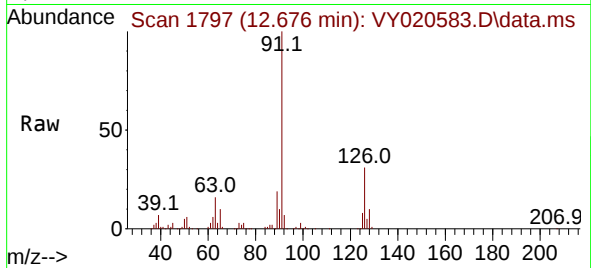




#79
2-Chlorotoluene
Concen: 18.814 ug/l
RT: 12.676 min Scan# 1799
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

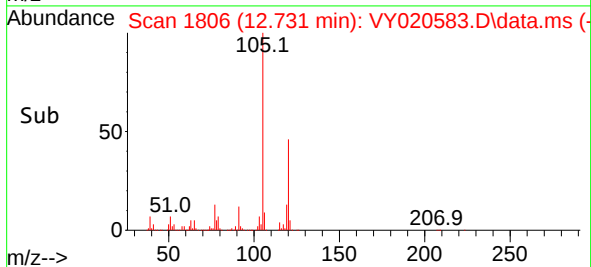
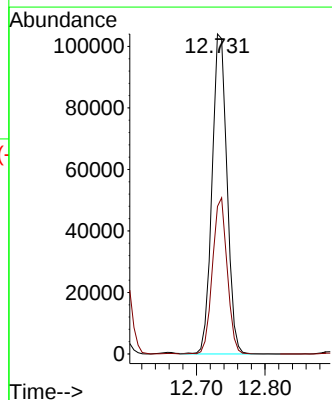
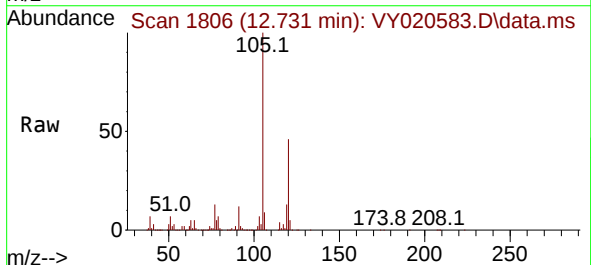
Instrument :
MSVOA_Y
ClientSampleId :

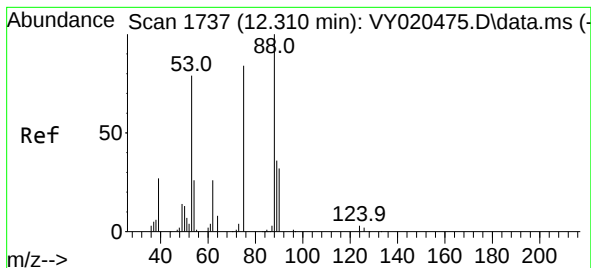
Tgt Ion: 91 Resp: 132038
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.707 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 105 Resp: 157484
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8

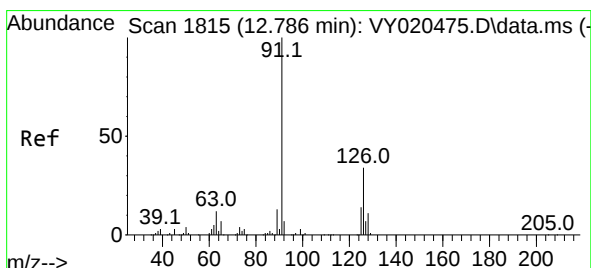
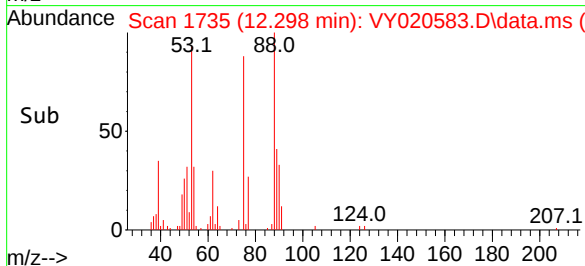
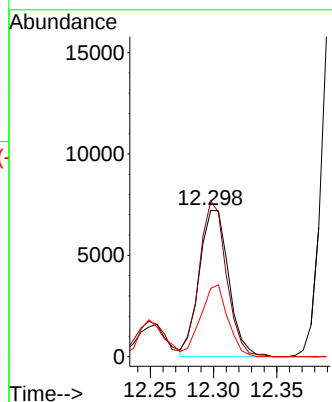
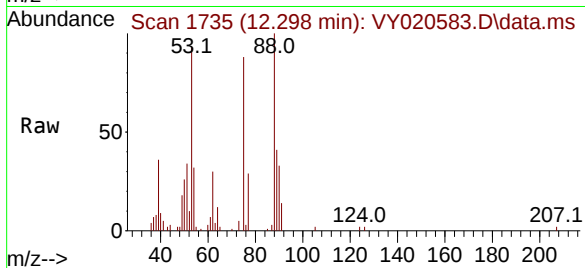




#81
trans-1,4-Dichloro-2-butene
Concen: 21.704 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

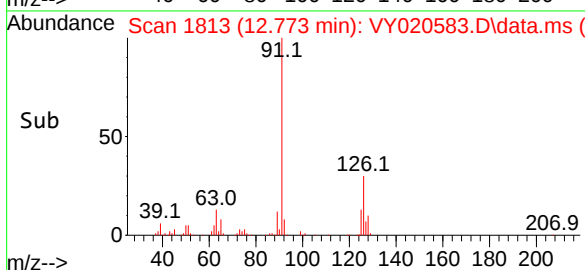
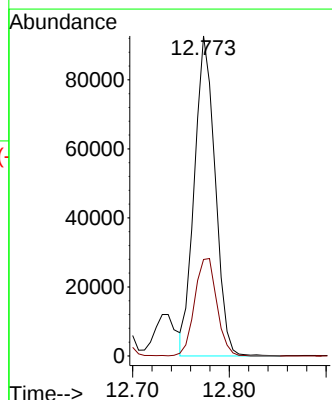
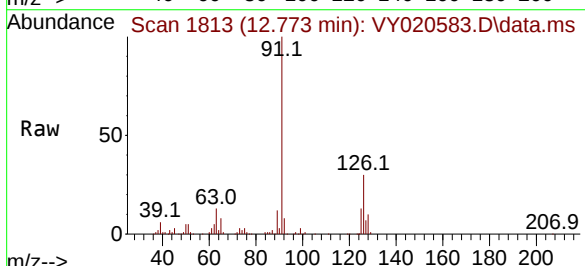
Instrument :
MSVOA_Y
ClientSampleId :

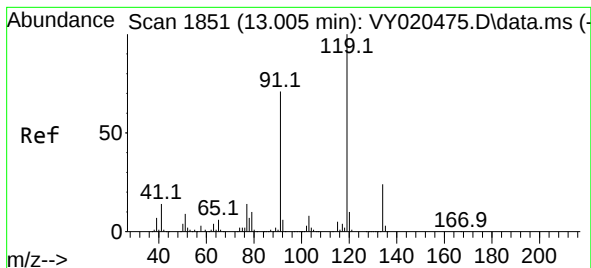
Tgt Ion: 75 Resp: 11699
Ion Ratio Lower Upper
75 100
53 98.0 81.1 121.7
89 45.4 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.262 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 91 Resp: 137951
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.8





#83

tert-Butylbenzene

Concen: 18.253 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

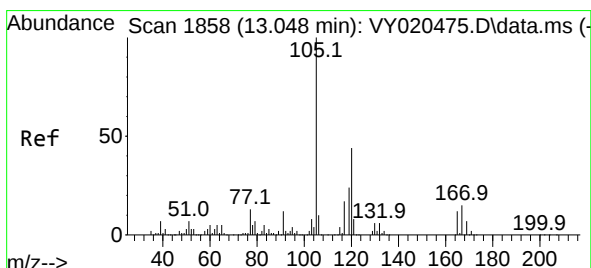
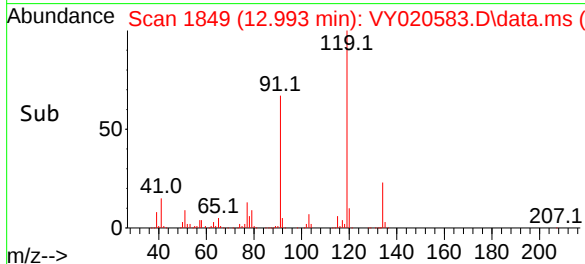
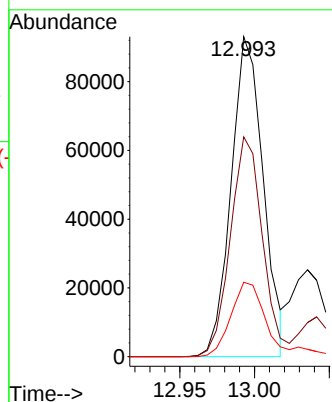
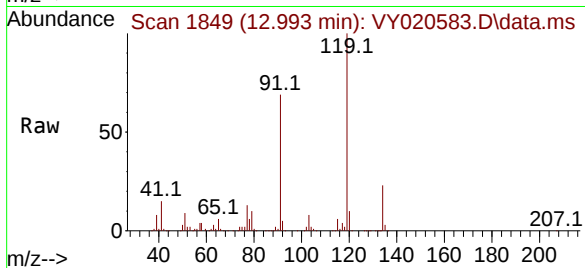
Tgt Ion:119 Resp: 138923

Ion Ratio Lower Upper

119 100

91 69.0 33.3 99.9

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.214 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020583.D

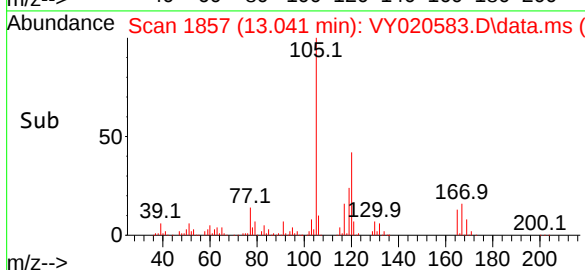
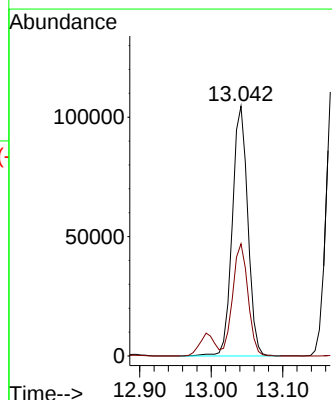
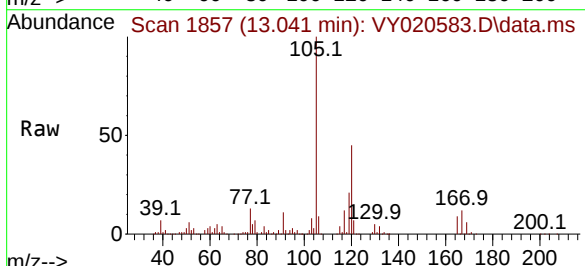
Acq: 11 Dec 2024 12:55

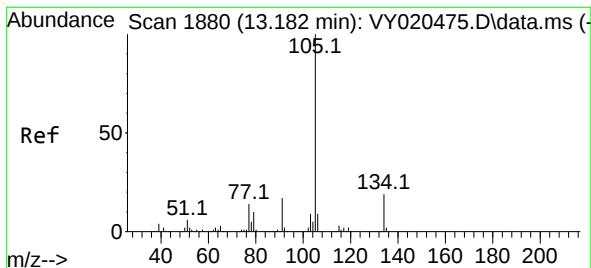
Tgt Ion:105 Resp: 157213

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.165 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

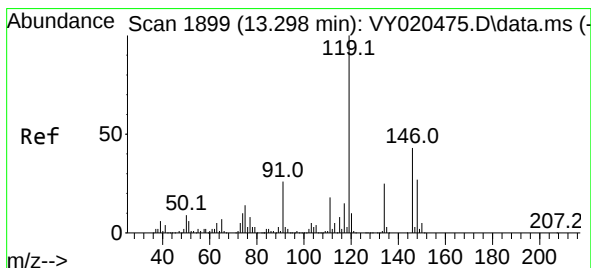
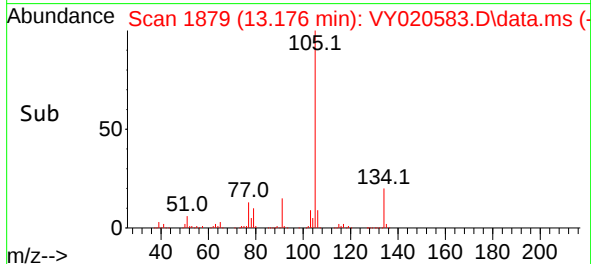
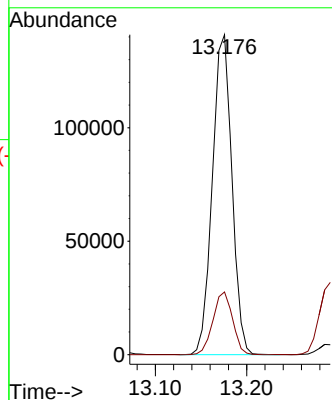
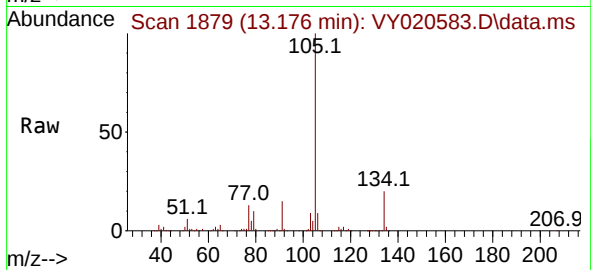
ClientSampleId :

Tgt Ion:105 Resp: 209049

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.278 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

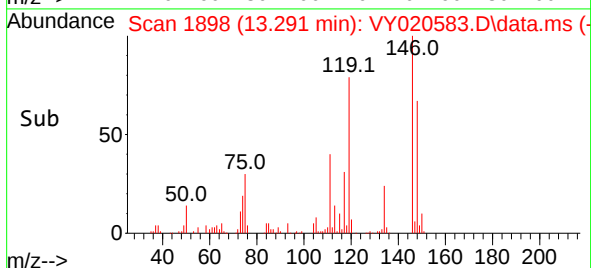
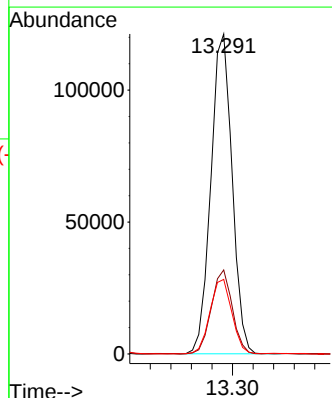
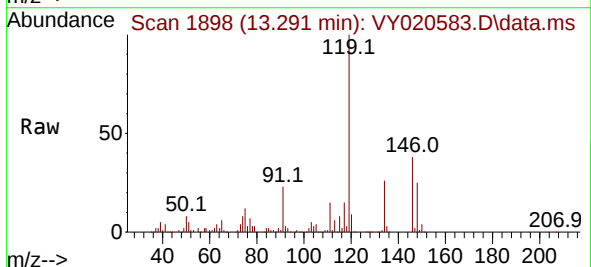
Tgt Ion:119 Resp: 173770

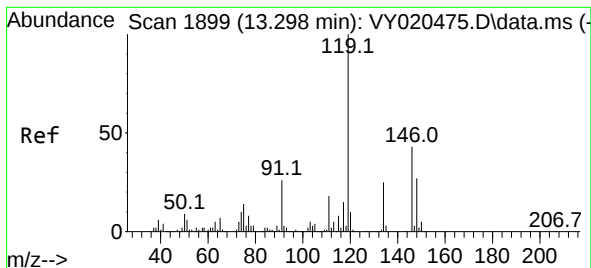
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.288 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

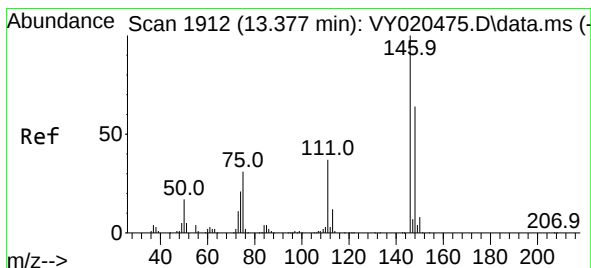
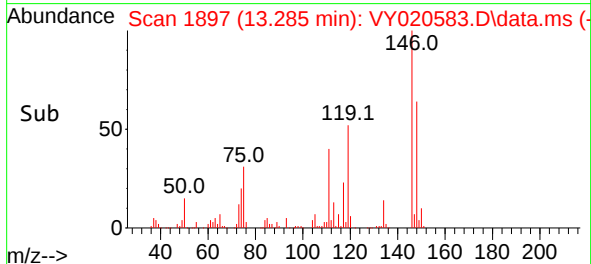
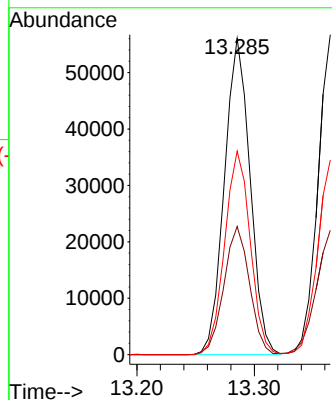
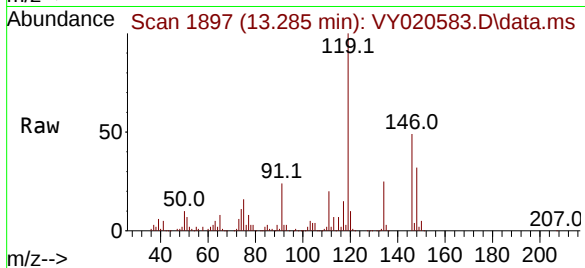
Tgt Ion:146 Resp: 85120

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.846 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

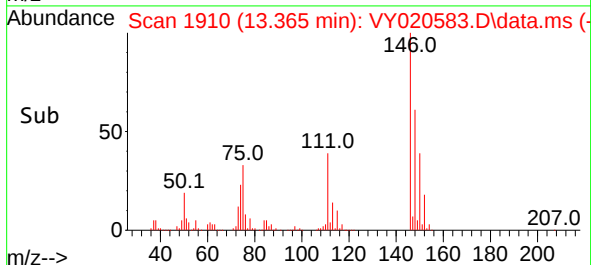
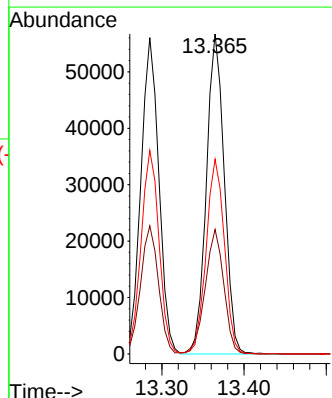
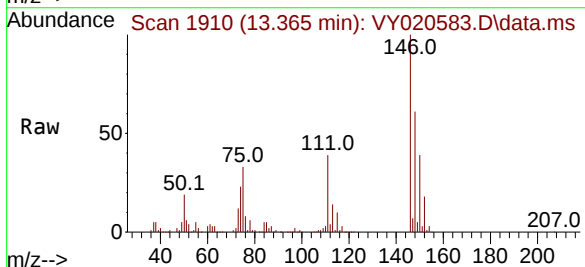
Tgt Ion:146 Resp: 85619

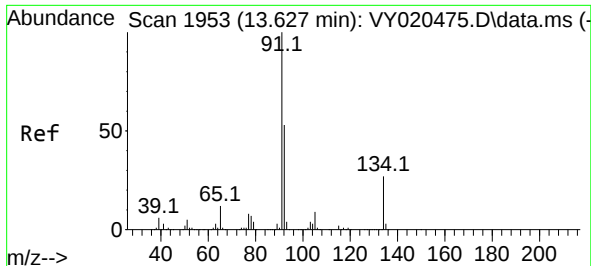
Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.6

148 62.2 32.0 96.2





#89

n-Butylbenzene

Concen: 19.964 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

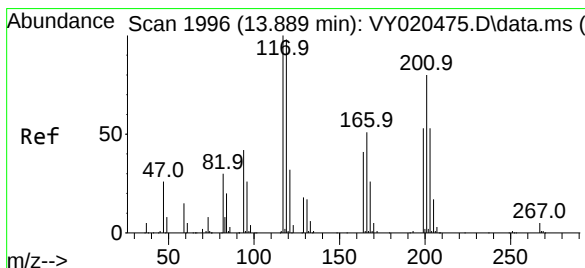
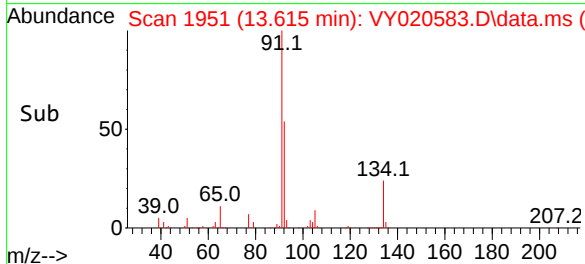
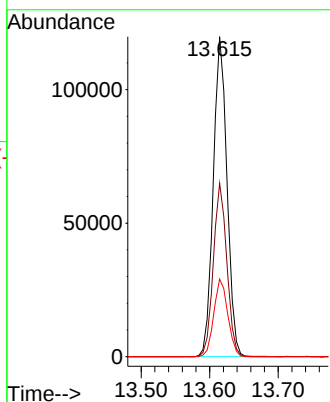
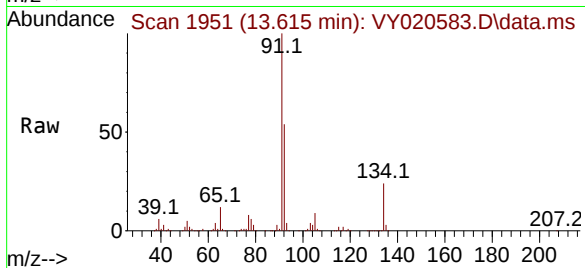
Tgt Ion: 91 Resp: 166896

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 24.7 12.2 36.4



#90

Hexachloroethane

Concen: 19.600 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.012 min

Lab File: VY020583.D

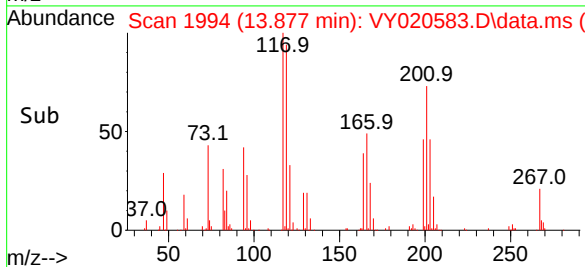
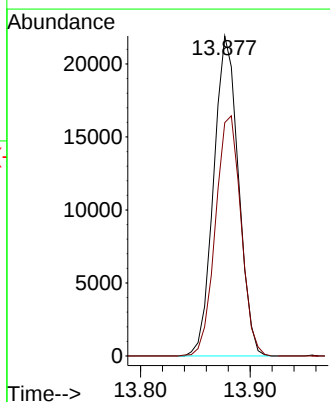
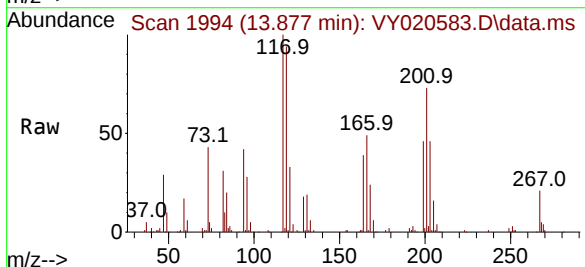
Acq: 11 Dec 2024 12:55

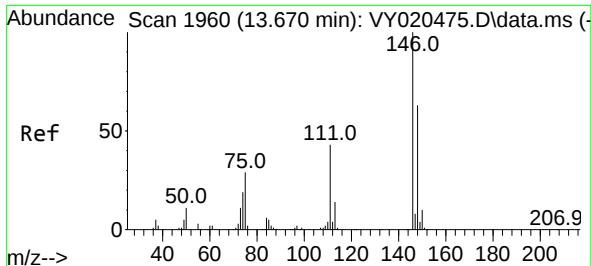
Tgt Ion: 117 Resp: 34430

Ion Ratio Lower Upper

117 100

201 77.2 37.1 111.3

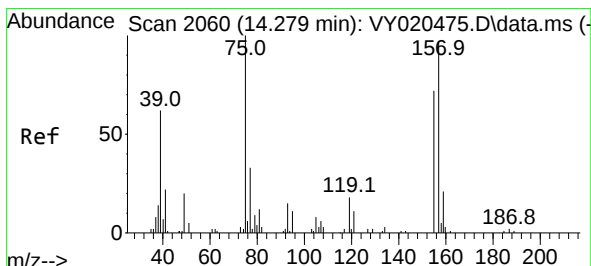
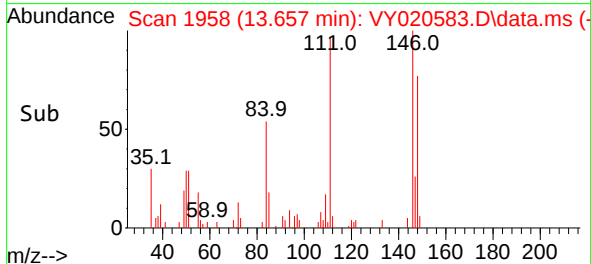
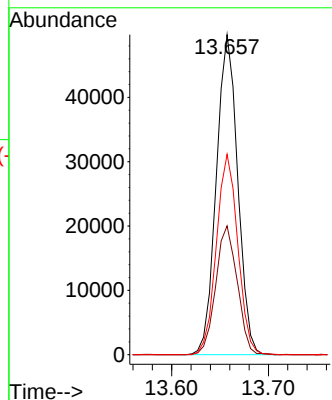
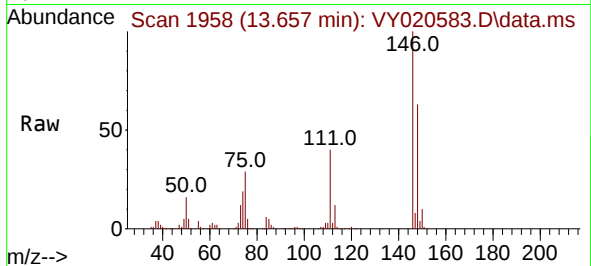




#91
1,2-Dichlorobenzene
Concen: 21.457 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

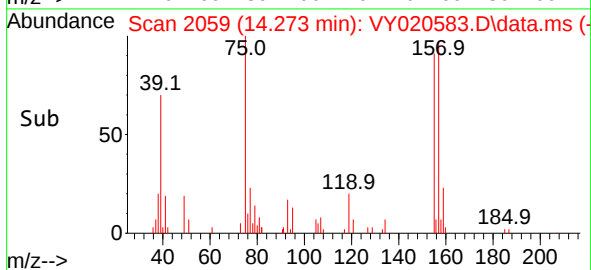
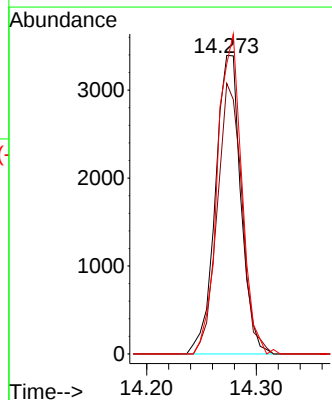
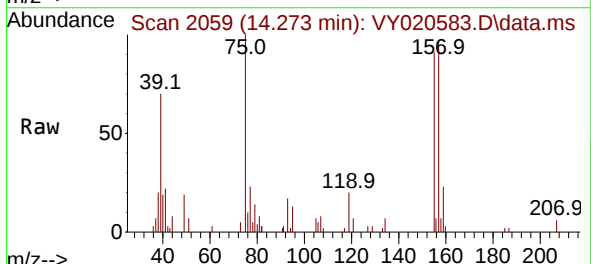
Instrument :
MSVOA_Y
ClientSampleId :

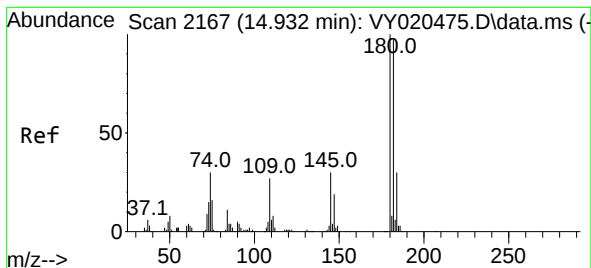
Tgt Ion:146 Resp: 76343
Ion Ratio Lower Upper
146 100
111 40.4 20.8 62.5
148 62.7 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.027 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020583.D
Acq: 11 Dec 2024 12:55

Tgt Ion: 75 Resp: 5495
Ion Ratio Lower Upper
75 100
155 87.5 39.7 119.1
157 101.6 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 23.078 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

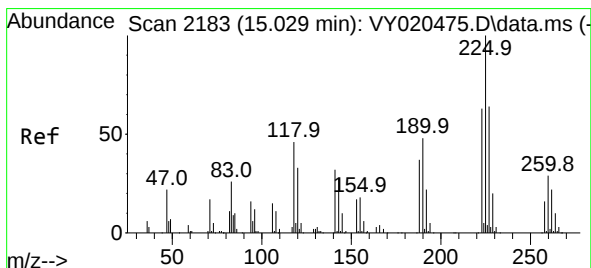
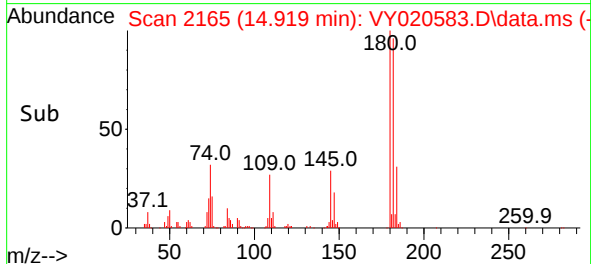
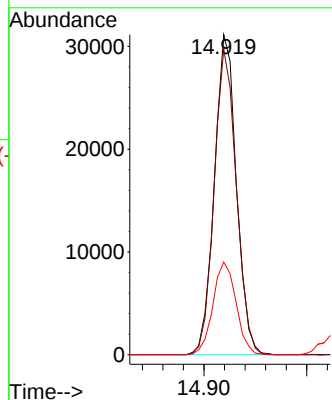
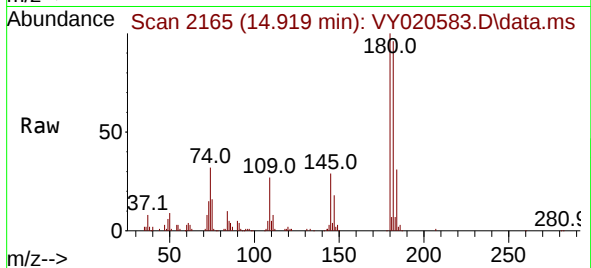
Tgt Ion:180 Resp: 46172

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.8

145 30.4 15.8 47.3



#94

Hexachlorobutadiene

Concen: 21.591 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

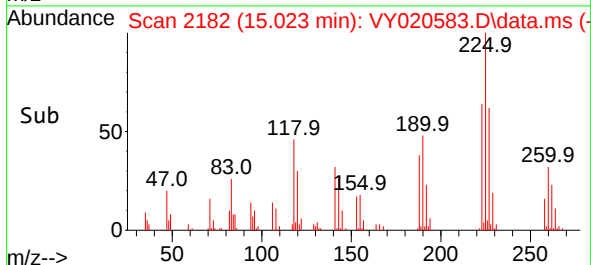
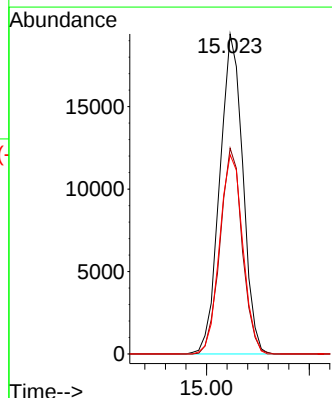
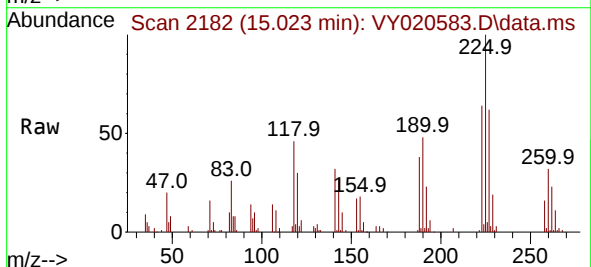
Tgt Ion:225 Resp: 30220

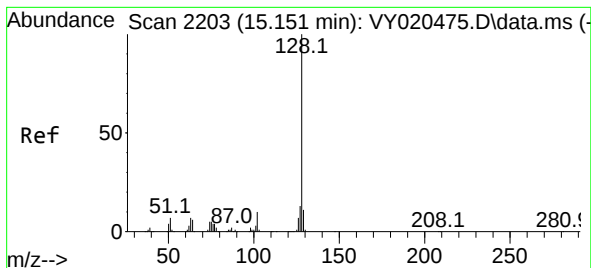
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.5

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 24.476 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

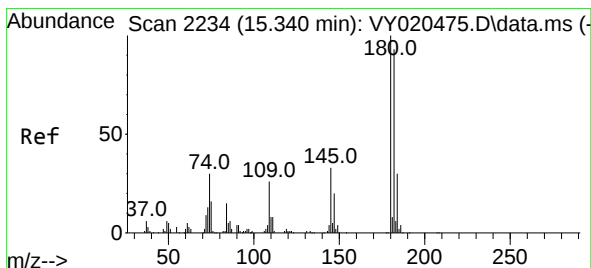
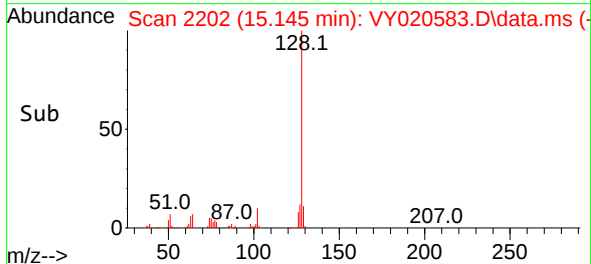
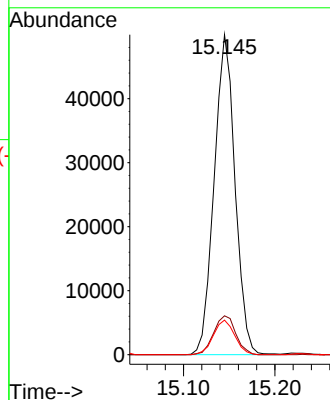
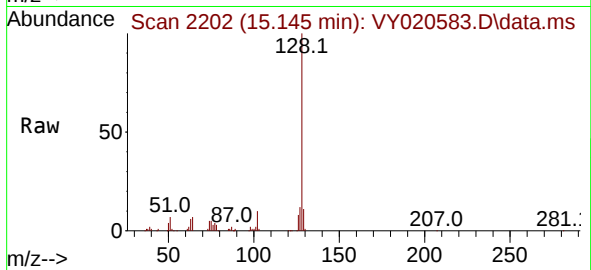
Tgt Ion:128 Resp: 79241

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.406 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020583.D

Acq: 11 Dec 2024 12:55

Tgt Ion:180 Resp: 39400

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 32.1 16.9 50.6

