

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020573.D
 Acq On : 10 Dec 2024 16:56
 Operator : SY/MD
 Sample : VY1210SBS02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:51:26 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	134581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	220995	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	194831	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	99277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85445	62.427	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.860%	
35) Dibromofluoromethane	7.634	113	81275	58.418	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.840%	
50) Toluene-d8	10.103	98	295988	55.871	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.740%	
62) 4-Bromofluorobenzene	12.402	95	108455	58.534	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 117.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	23607	17.983	ug/l	99
3) Chloromethane	2.068	50	24860	18.703	ug/l	100
4) Vinyl Chloride	2.202	62	24865	18.348	ug/l	97
5) Bromomethane	2.586	94	16264	20.454	ug/l	96
6) Chloroethane	2.726	64	15946	19.198	ug/l	96
7) Trichlorofluoromethane	3.056	101	48722	19.196	ug/l	98
8) Diethyl Ether	3.452	74	16891	23.487	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	30260	20.461	ug/l	96
10) Methyl Iodide	4.001	142	32641	19.661	ug/l	95
11) Tert butyl alcohol	4.854	59	16815	189.385	ug/l	97
12) 1,1-Dichloroethene	3.787	96	28325	20.275	ug/l	94
13) Acrolein	3.647	56	9034	108.675	ug/l	98
14) Allyl chloride	4.379	41	51802	20.790	ug/l	96
15) Acrylonitrile	5.061	53	40642	135.636	ug/l	97
16) Acetone	3.866	43	37160	109.189	ug/l	98
17) Carbon Disulfide	4.104	76	67613	16.910	ug/l	100
18) Methyl Acetate	4.385	43	22163	30.640	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	88634	24.843	ug/l	98
20) Methylene Chloride	4.616	84	34641	23.928	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	31964	20.599	ug/l	99
22) Diisopropyl ether	6.019	45	118821	23.981	ug/l	98
23) Vinyl Acetate	5.958	43	312377	119.194	ug/l	98
24) 1,1-Dichloroethane	5.909	63	66397	22.259	ug/l	97
25) 2-Butanone	6.896	43	55950	130.193	ug/l	96
26) 2,2-Dichloropropane	6.884	77	53110	18.824	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	41363	22.829	ug/l	96
28) Bromochloromethane	7.244	49	24225	21.747	ug/l	94
29) Tetrahydrofuran	7.262	42	34715	141.599	ug/l	99
30) Chloroform	7.421	83	71839	23.466	ug/l	100
31) Cyclohexane	7.701	56	48999	18.170	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	61943	21.013	ug/l	98
36) 1,1-Dichloropropene	7.835	75	44891	19.107	ug/l	98
37) Ethyl Acetate	6.988	43	23965	25.747	ug/l	97
38) Carbon Tetrachloride	7.811	117	55814	19.905	ug/l	95
39) Methylcyclohexane	9.103	83	53618	18.391	ug/l	99
40) Benzene	8.079	78	145531	21.009	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	12833	24.253	ug/l	93
42) 1,2-Dichloroethane	8.158	62	42782	23.504	ug/l	99
43) Isopropyl Acetate	8.195	43	47678	25.367	ug/l #	89
44) Trichloroethene	8.859	130	35110	20.560	ug/l	99
45) 1,2-Dichloropropane	9.140	63	36792	22.697	ug/l	97
46) Dibromomethane	9.231	93	19572	24.386	ug/l	100
47) Bromodichloromethane	9.420	83	54401	23.006	ug/l	98
48) Methyl methacrylate	9.219	41	21895	24.981	ug/l	96
49) 1,4-Dioxane	9.225	88	4797	625.290	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	129064	139.046	ug/l	98
52) Toluene	10.164	92	93871	21.720	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	48484	22.838	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	56511	22.524	ug/l	94
55) 1,1,2-Trichloroethane	10.566	97	27116	25.327	ug/l	96
56) Ethyl methacrylate	10.438	69	38608	25.486	ug/l	94
57) 1,3-Dichloropropane	10.713	76	47443	24.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	78624	110.851	ug/l	97
59) 2-Hexanone	10.755	43	84807	126.650	ug/l	97
60) Dibromochloromethane	10.908	129	37130	24.910	ug/l	99
61) 1,2-Dibromoethane	11.012	107	23734	24.241	ug/l	95
64) Tetrachloroethene	10.646	164	36431	22.129	ug/l	93
65) Chlorobenzene	11.438	112	101856	20.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	37088	21.414	ug/l	98
67) Ethyl Benzene	11.518	91	183402	20.036	ug/l	100
68) m/p-Xylenes	11.627	106	136728	40.792	ug/l	99
69) o-Xylene	11.950	106	66105	21.051	ug/l	98
70) Styrene	11.969	104	112869	21.544	ug/l	99
71) Bromoform	12.133	173	21002	23.851	ug/l #	99
73) Isopropylbenzene	12.255	105	178907	18.625	ug/l	99
74) N-amyl acetate	12.066	43	41462	22.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	31172	22.566	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	41171	40.710	ug/l #	100
77) Bromobenzene	12.530	156	40365	20.292	ug/l	97
78) n-propylbenzene	12.591	91	214004	18.817	ug/l	99
79) 2-Chlorotoluene	12.676	91	123670	19.271	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	147867	19.209	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10104	20.500	ug/l	95
82) 4-Chlorotoluene	12.773	91	126703	19.348	ug/l	100
83) tert-Butylbenzene	12.993	119	132972	19.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	146488	19.579	ug/l	99
85) sec-Butylbenzene	13.176	105	193881	19.439	ug/l	100
86) p-Isopropyltoluene	13.292	119	161550	19.601	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	81410	21.221	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	78467	20.893	ug/l	99
89) n-Butylbenzene	13.615	91	150438	19.680	ug/l	98
90) Hexachloroethane	13.883	117	32121	19.998	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	70155	21.564	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5020	24.005	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	41327	22.591	ug/l	97
94) Hexachlorobutadiene	15.023	225	26963	21.068	ug/l	100
95) Naphthalene	15.145	128	71079	24.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	34975	23.694	ug/l	98

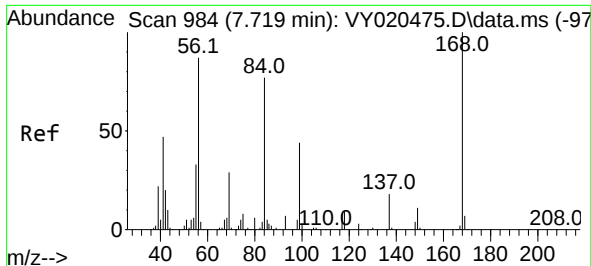
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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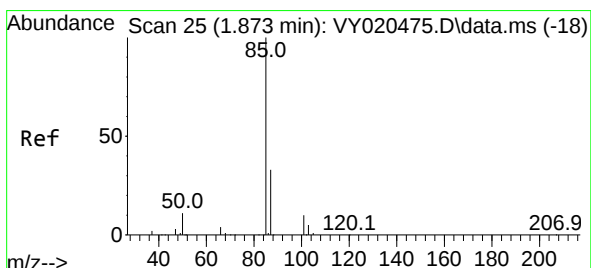
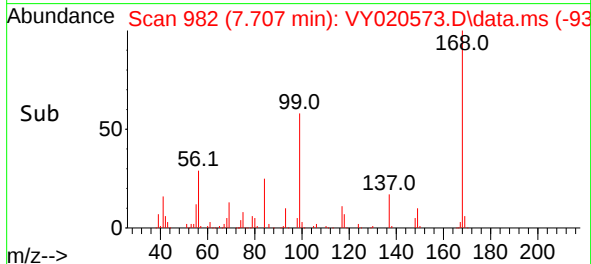
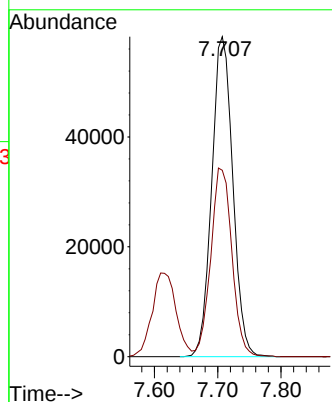
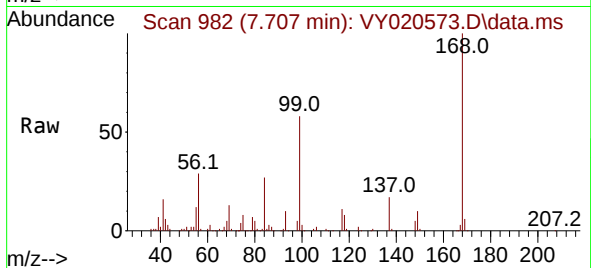
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

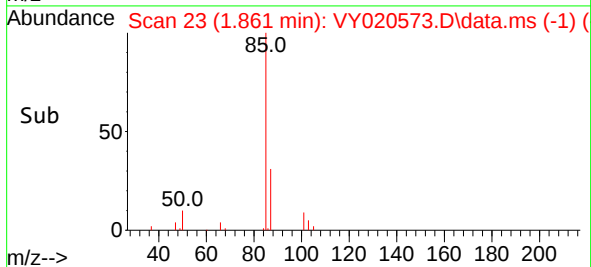
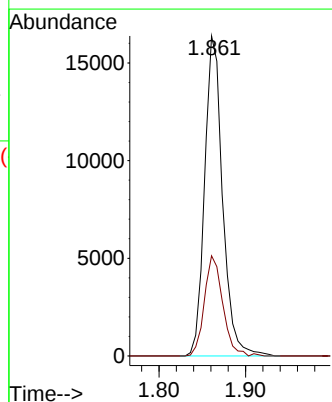
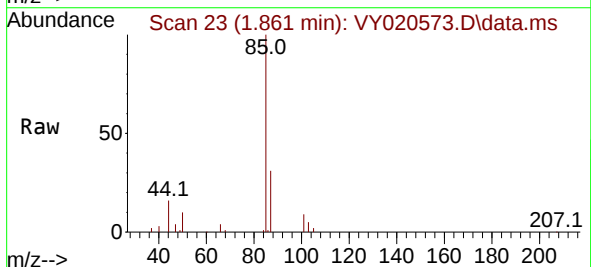
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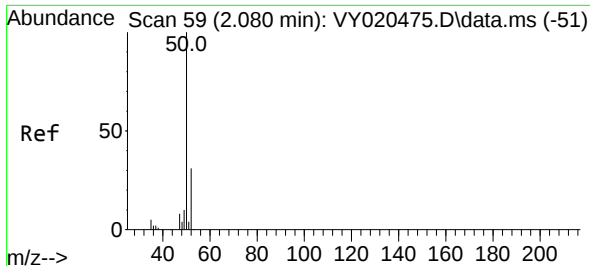
Tgt Ion:168 Resp: 134581
Ion Ratio Lower Upper
168 100
99 58.3 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 17.983 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

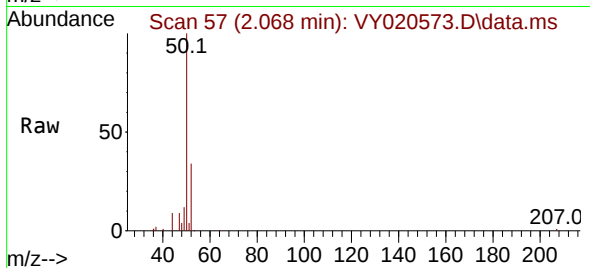
Tgt Ion: 85 Resp: 23607
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2



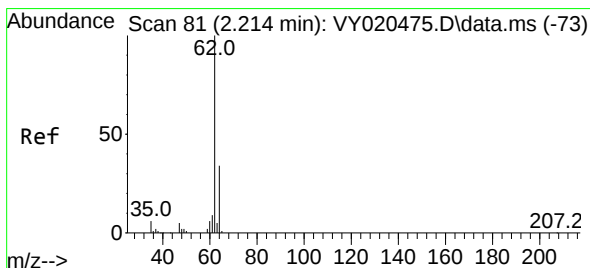
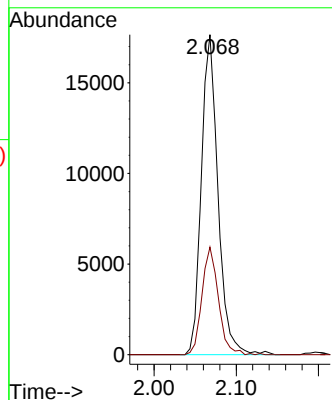
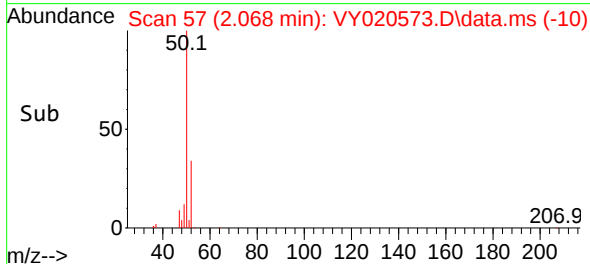


#3
Chloromethane
Concen: 18.703 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

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ClientSampleId :

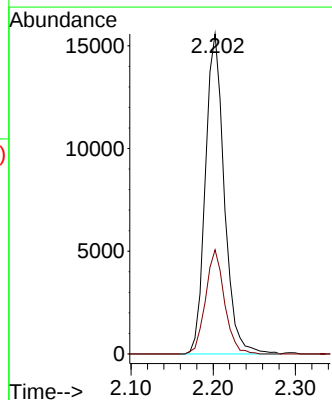
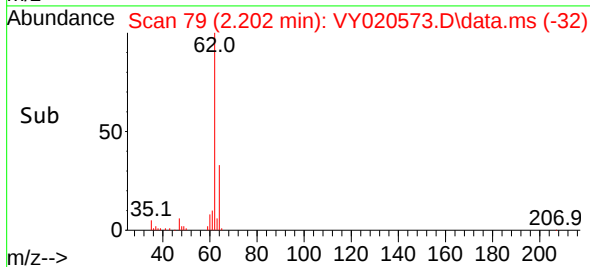
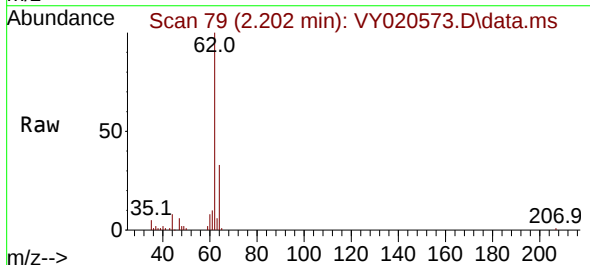


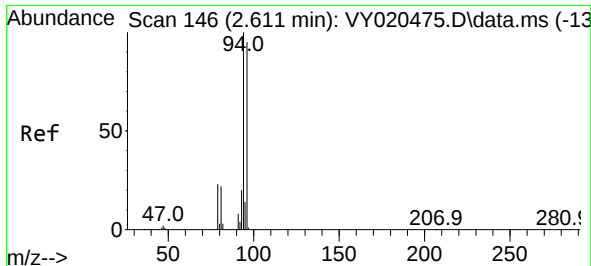
Tgt Ion: 50 Resp: 24860
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 18.348 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 62 Resp: 24865
Ion Ratio Lower Upper
62 100
64 32.6 24.7 37.1

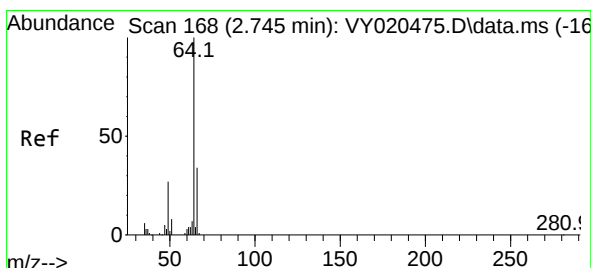
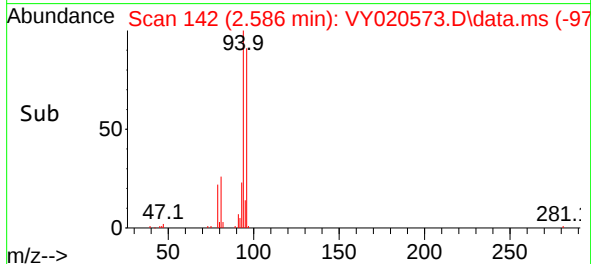
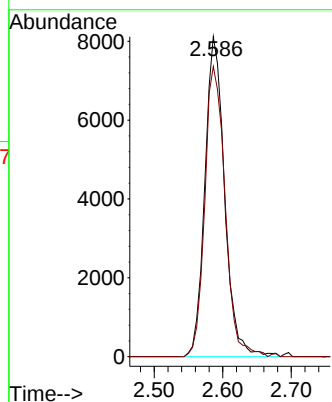
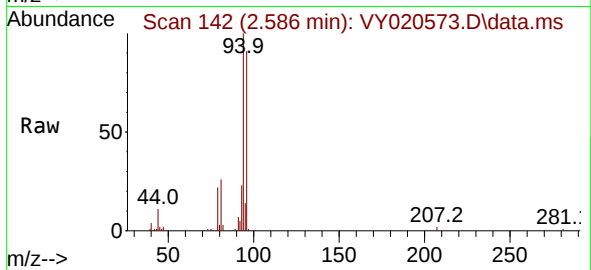




#5
Bromomethane
Concen: 20.454 ug/l
RT: 2.586 min Scan# 146
Delta R.T. -0.024 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

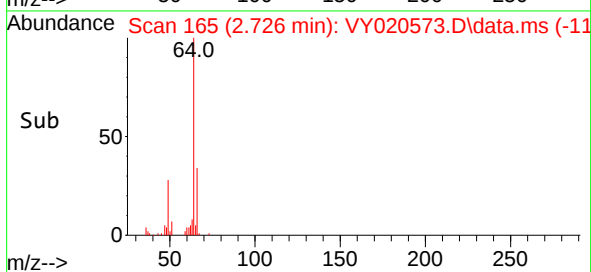
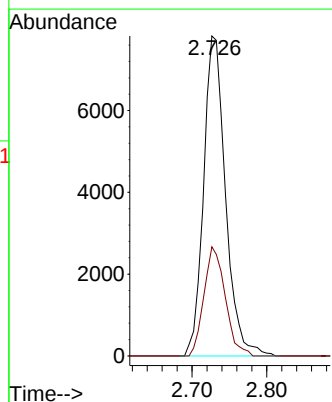
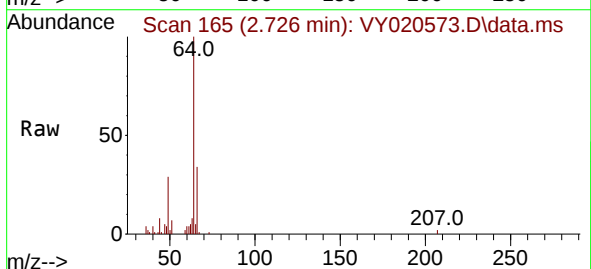
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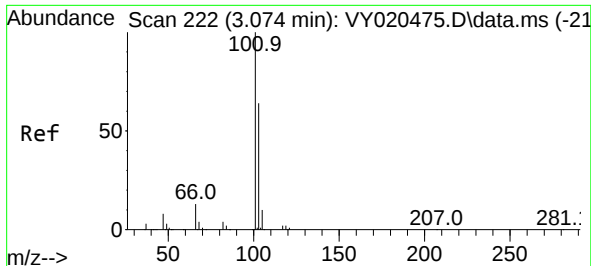
Tgt Ion: 94 Resp: 16264
Ion Ratio Lower Upper
94 100
96 90.6 75.4 113.2



#6
Chloroethane
Concen: 19.198 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 64 Resp: 15946
Ion Ratio Lower Upper
64 100
66 34.1 25.7 38.5

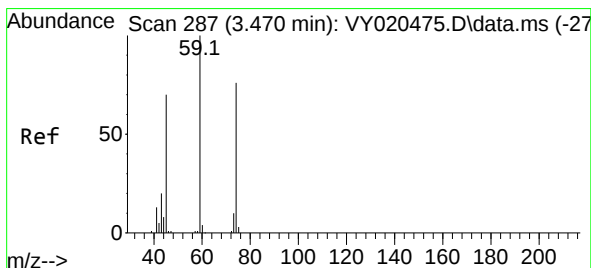
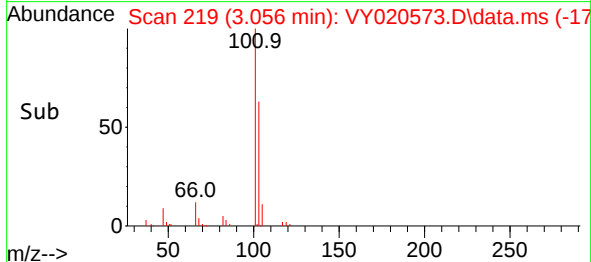
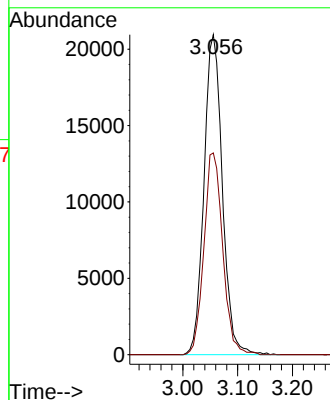
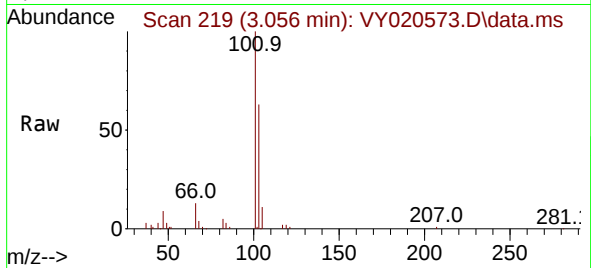




#7
 Trichlorofluoromethane
 Concen: 19.196 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY020573.D
 Acq: 10 Dec 2024 16:56

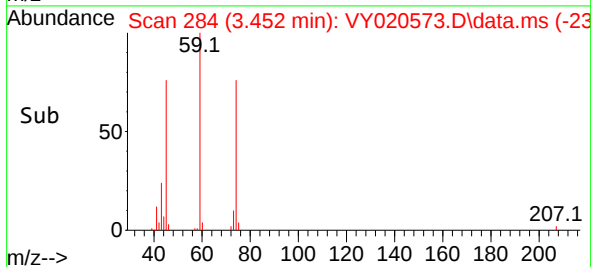
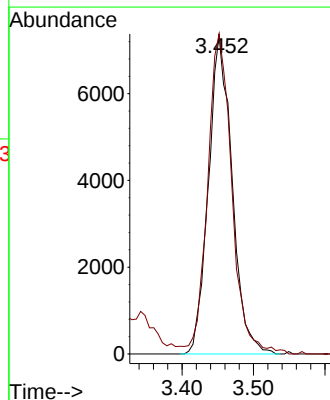
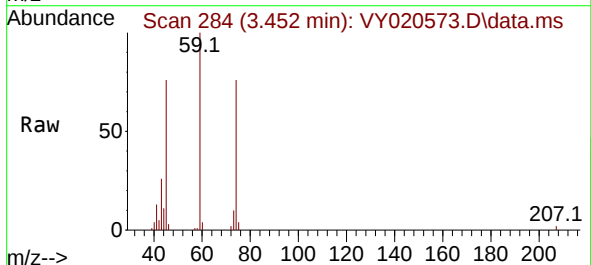
Instrument :
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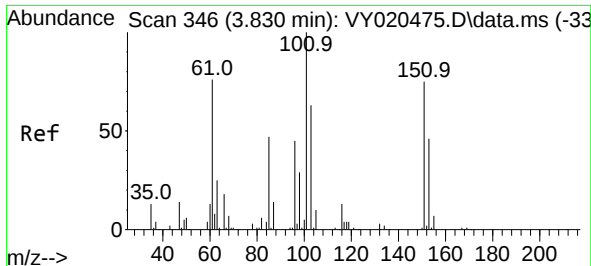
Tgt Ion:101 Resp: 48722
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3



#8
 Diethyl Ether
 Concen: 23.487 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.018 min
 Lab File: VY020573.D
 Acq: 10 Dec 2024 16:56

Tgt Ion: 74 Resp: 16891
 Ion Ratio Lower Upper
 74 100
 45 102.7 53.6 160.8

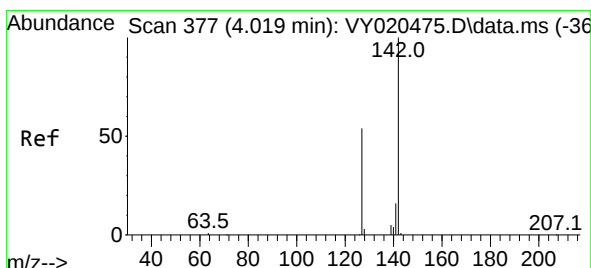
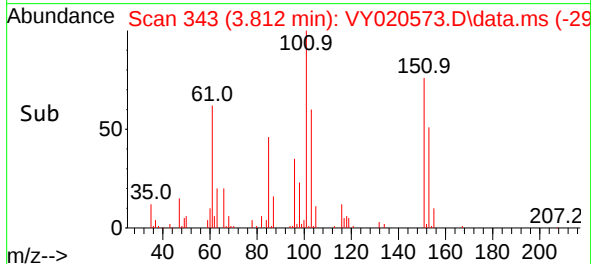
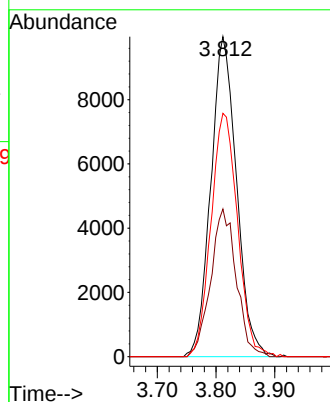
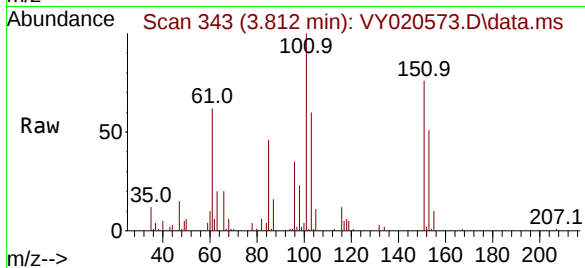




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.461 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY020573.D
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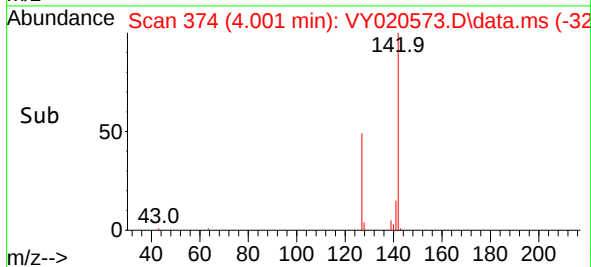
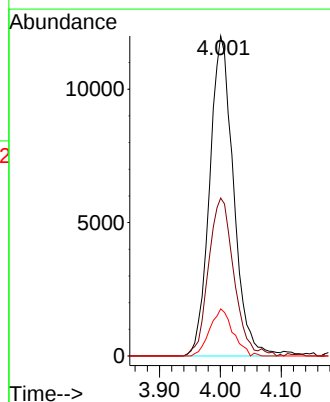
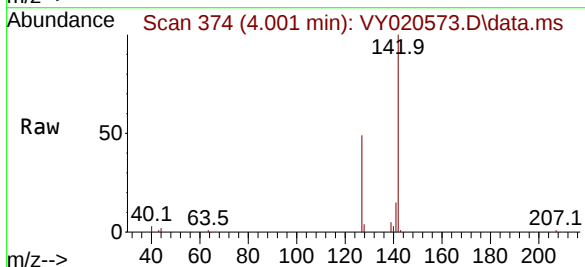
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MSVOA_Y
ClientSampleId :

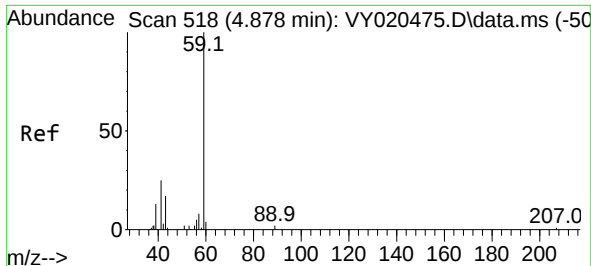
Tgt Ion:101 Resp: 30260
Ion Ratio Lower Upper
101 100
85 46.0 38.0 57.0
151 78.6 59.6 89.4



#10
Methyl Iodide
Concen: 19.661 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion:142 Resp: 32641
Ion Ratio Lower Upper
142 100
127 52.7 38.9 58.3
141 14.3 11.7 17.5

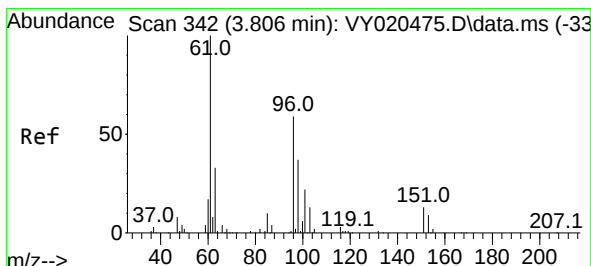
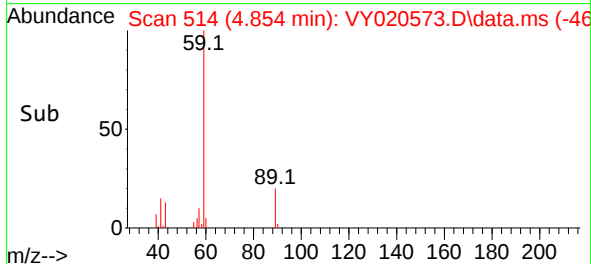
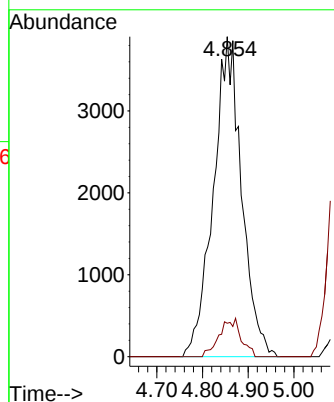
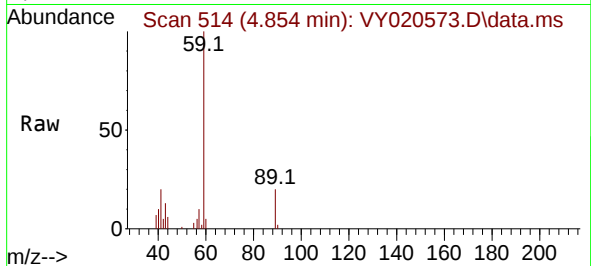




#11
Tert butyl alcohol
Concen: 189.385 ug/l
RT: 4.854 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

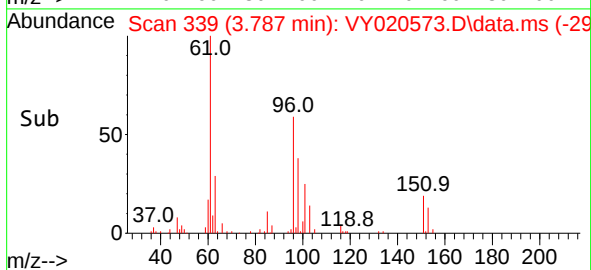
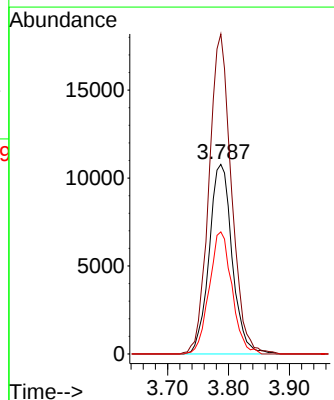
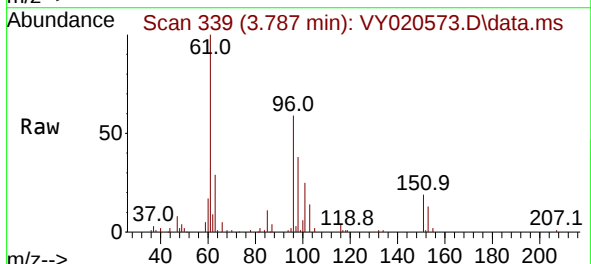
Instrument :
MSVOA_Y
ClientSampleId :

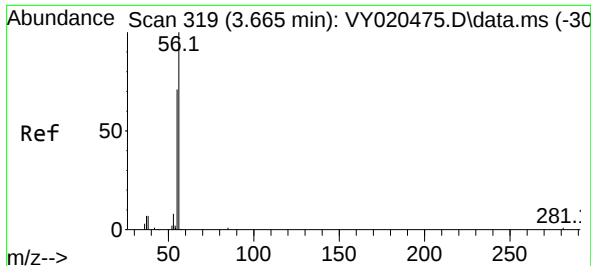
Tgt Ion: 59 Resp: 16815
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.275 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

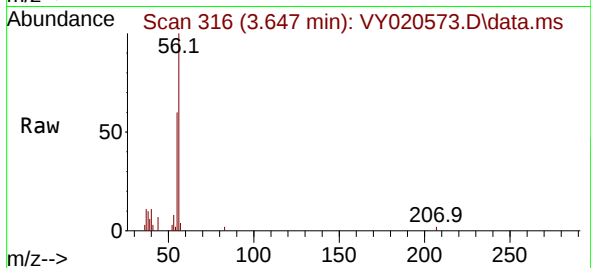
Tgt Ion: 96 Resp: 28325
Ion Ratio Lower Upper
96 100
61 168.8 143.3 214.9
98 64.4 49.8 74.8



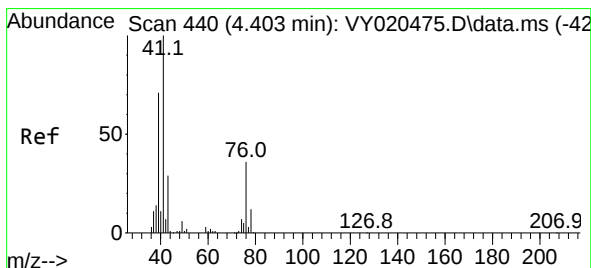
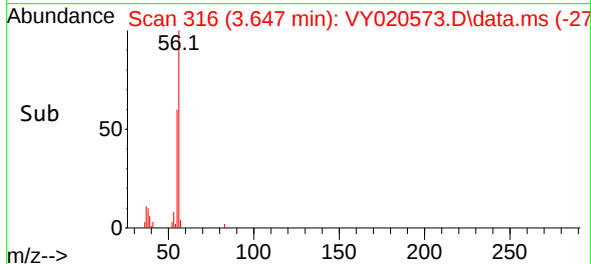
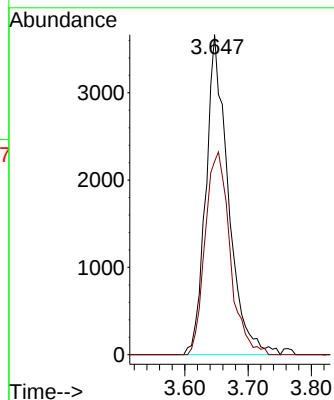


#13
Acrolein
Concen: 108.675 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

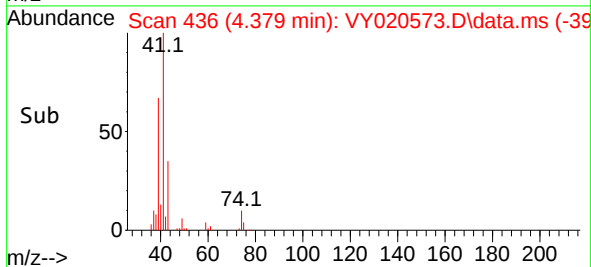
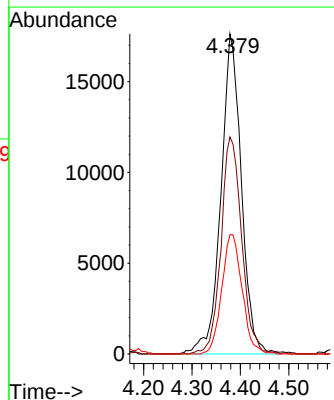
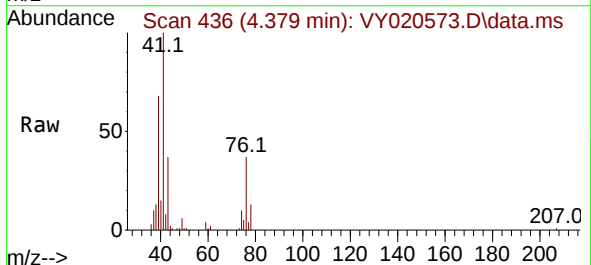


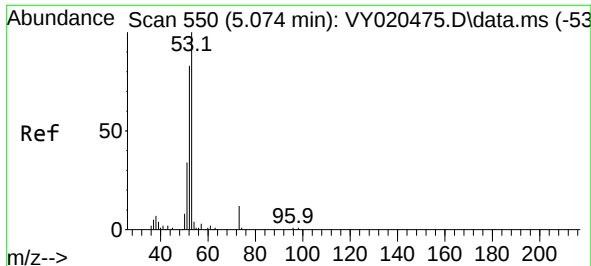
Tgt Ion: 56 Resp: 9034
Ion Ratio Lower Upper
56 100
55 70.2 57.7 86.5



#14
Allyl chloride
Concen: 20.790 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.024 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

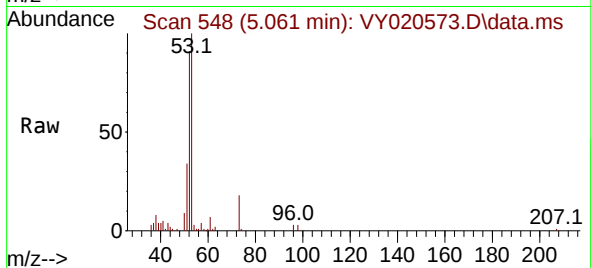
Tgt Ion: 41 Resp: 51802
Ion Ratio Lower Upper
41 100
39 68.5 58.8 88.2
76 37.2 29.7 44.5



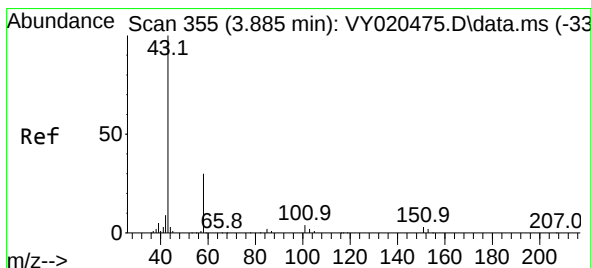
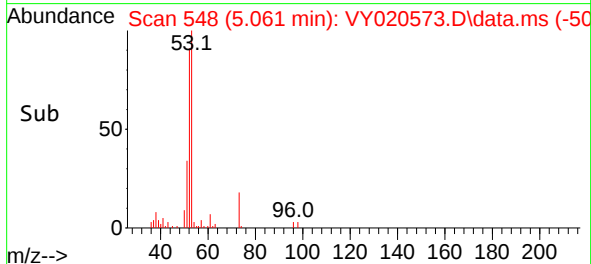
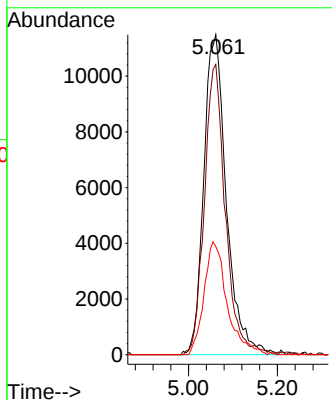


#15
Acrylonitrile
Concen: 135.636 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

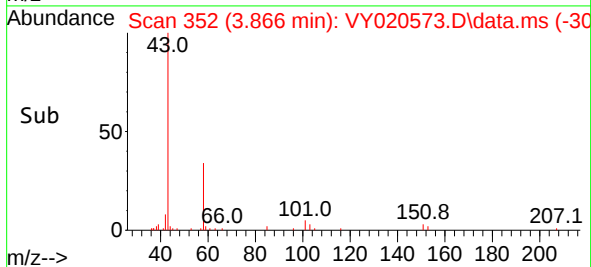
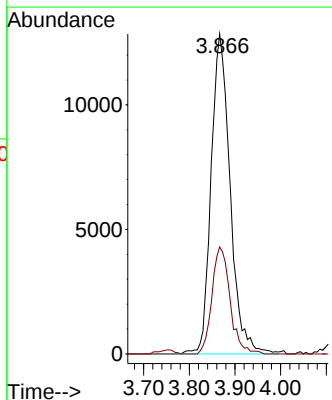
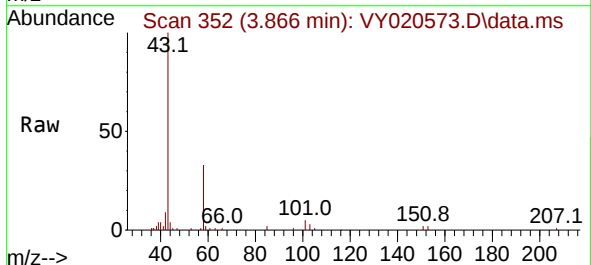


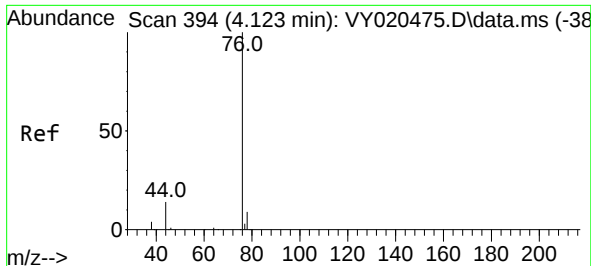
Tgt Ion:	53	Resp:	40642
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.2	97.8
51	36.0	30.2	45.4



#16
Acetone
Concen: 109.189 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion:	43	Resp:	37160
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.7	38.5

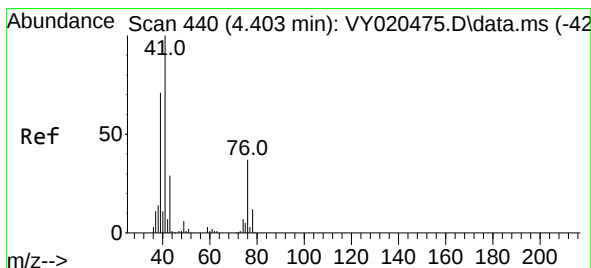
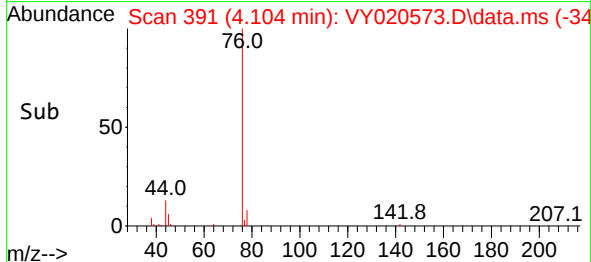
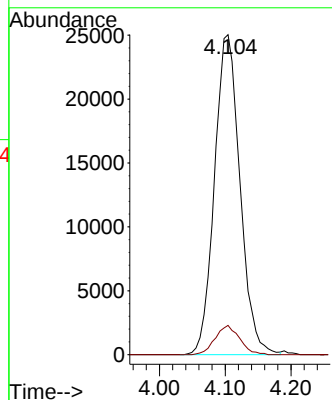
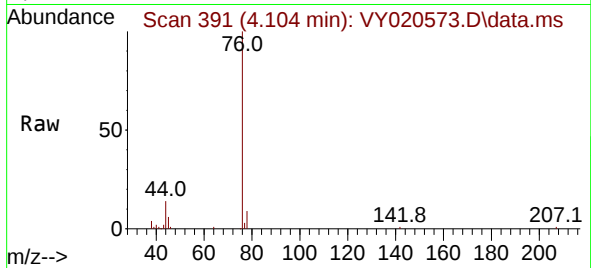




#17
Carbon Disulfide
Concen: 16.910 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

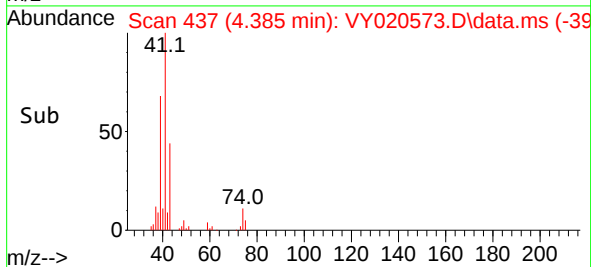
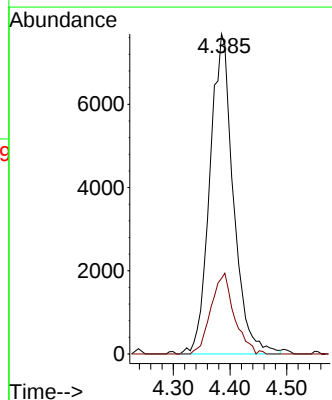
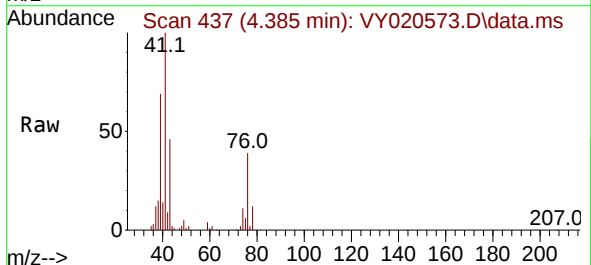
Instrument :
MSVOA_Y
ClientSampleId :

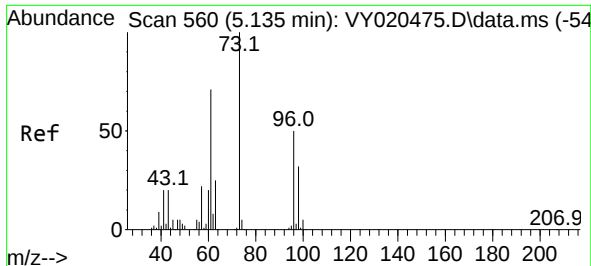
Tgt Ion: 76 Resp: 67613
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 30.640 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 43 Resp: 22163
Ion Ratio Lower Upper
43 100
74 25.0 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 24.843 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

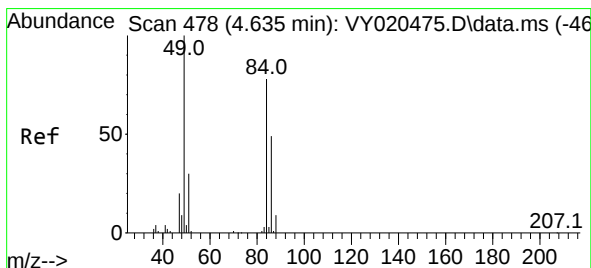
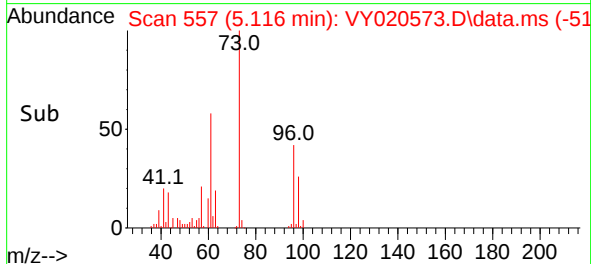
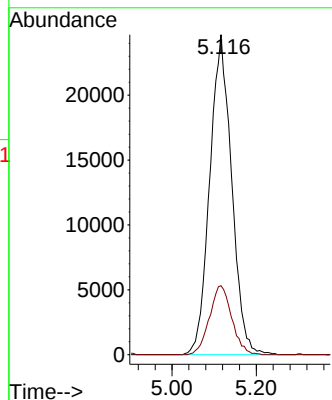
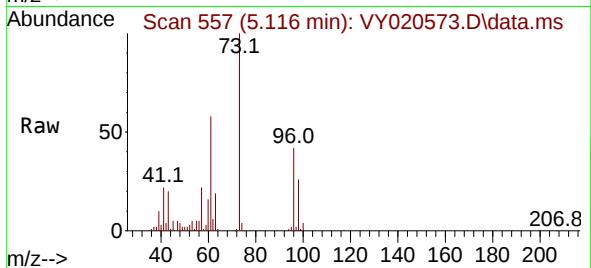
ClientSampleId :

Tgt Ion: 73 Resp: 88634

Ion Ratio Lower Upper

73 100

57 21.6 18.0 27.0



#20

Methylene Chloride

Concen: 23.928 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.018 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Tgt Ion: 84 Resp: 34641

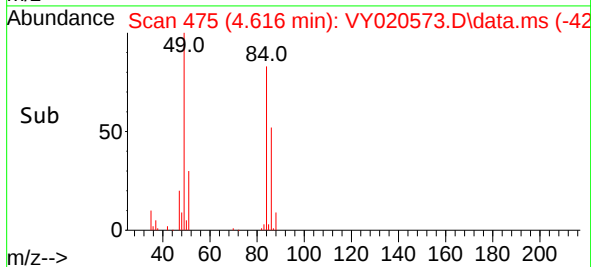
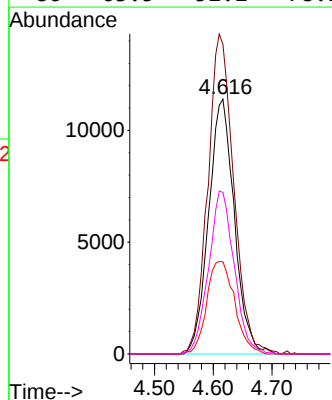
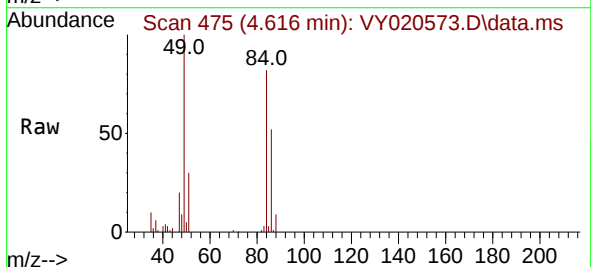
Ion Ratio Lower Upper

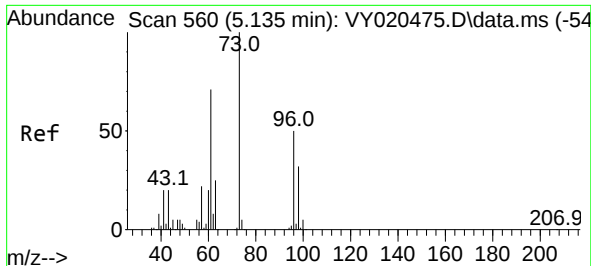
84 100

49 121.7 104.7 157.1

51 36.2 33.4 50.0

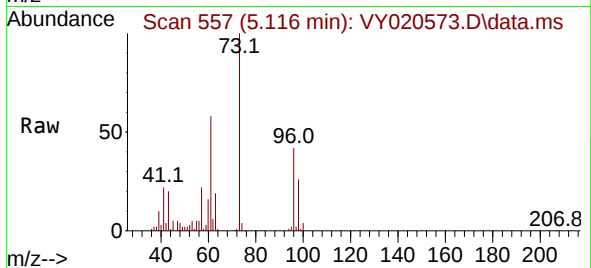
86 63.5 52.2 78.2



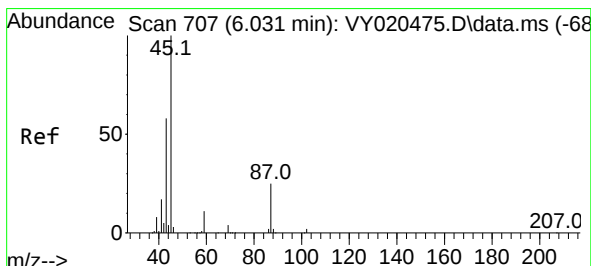
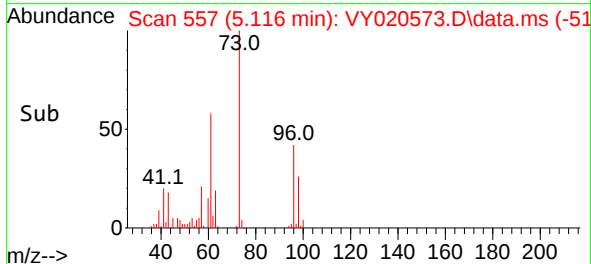
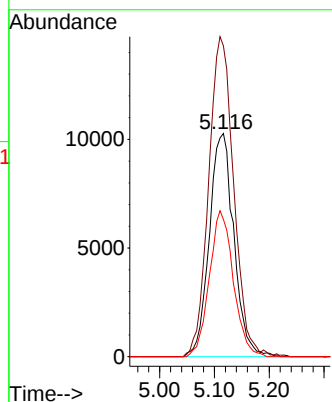


#21
trans-1,2-Dichloroethene
Concen: 20.599 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

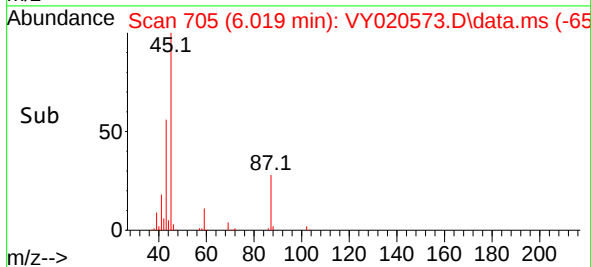
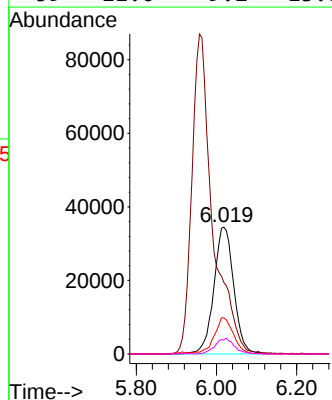
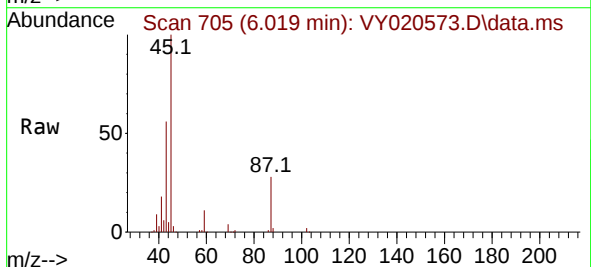


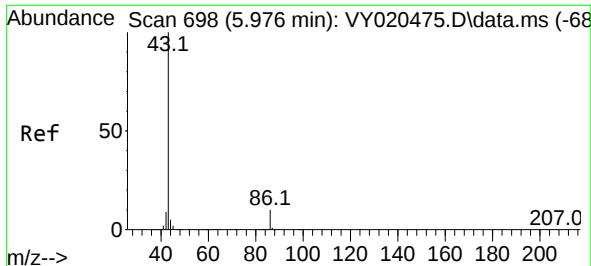
Tgt Ion: 96 Resp: 31964
Ion Ratio Lower Upper
96 100
61 139.3 111.6 167.4
98 61.5 46.7 70.1



#22
Diisopropyl ether
Concen: 23.981 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

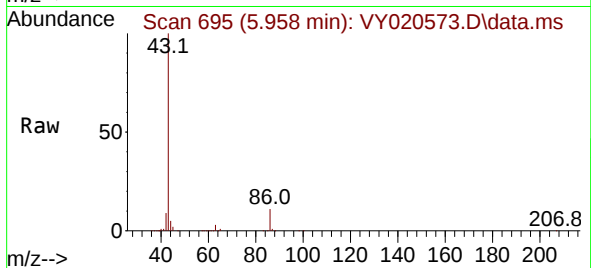
Tgt Ion: 45 Resp: 118821
Ion Ratio Lower Upper
45 100
43 55.8 44.8 67.2
87 28.4 20.6 30.8
59 11.0 9.2 13.8



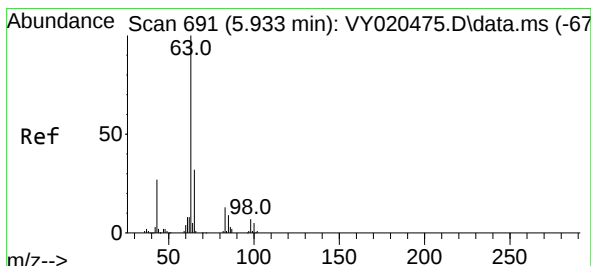
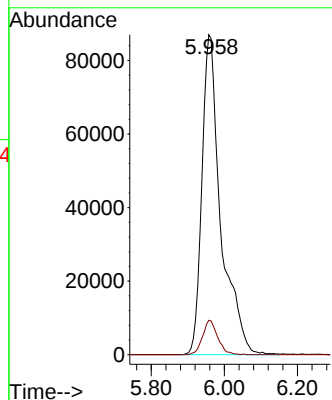
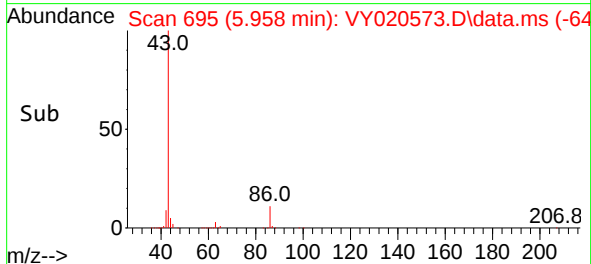


#23
 Vinyl Acetate
 Concen: 119.194 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY020573.D
 Acq: 10 Dec 2024 16:56

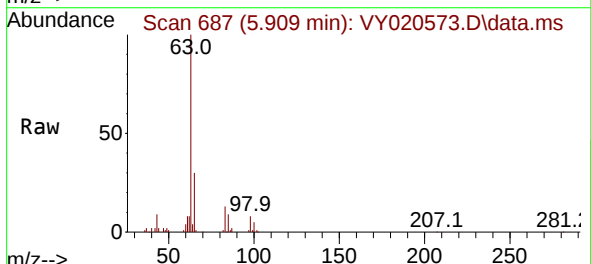
Instrument :
 MSVOA_Y
 ClientSampleId :



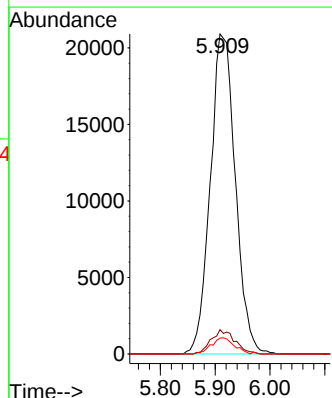
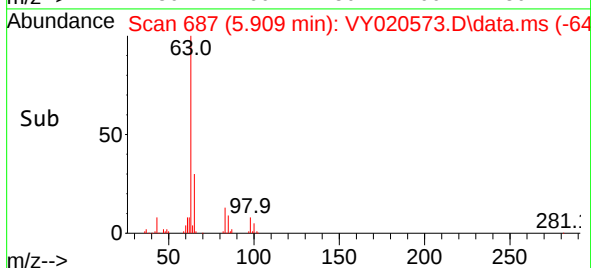
Tgt Ion: 43 Resp: 312377
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.0 12.0

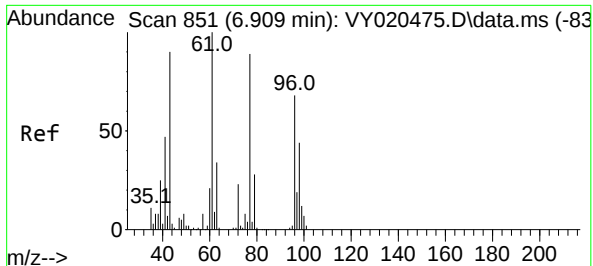


#24
 1,1-Dichloroethane
 Concen: 22.259 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.024 min
 Lab File: VY020573.D
 Acq: 10 Dec 2024 16:56



Tgt Ion: 63 Resp: 66397
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 5.0 2.0 5.8





#25

2-Butanone

Concen: 130.193 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

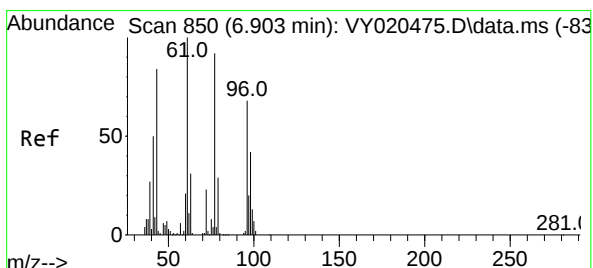
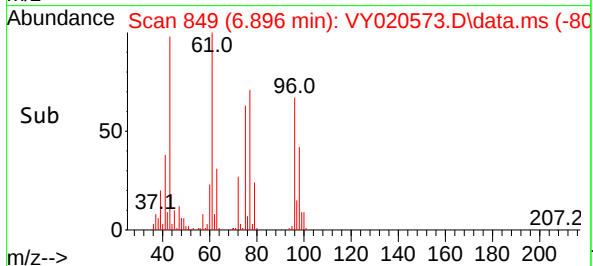
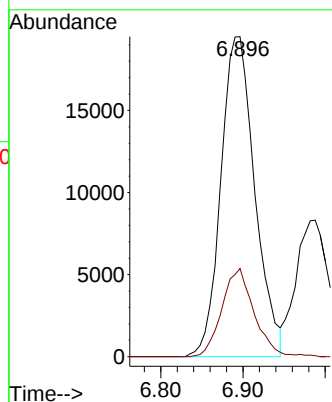
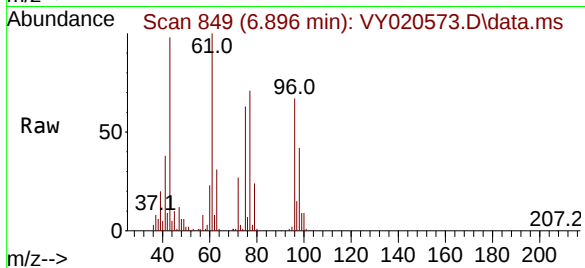
ClientSampleId :

Tgt Ion: 43 Resp: 55950

Ion Ratio Lower Upper

43 100

72 27.6 20.4 30.6



#26

2,2-Dichloropropane

Concen: 18.824 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY020573.D

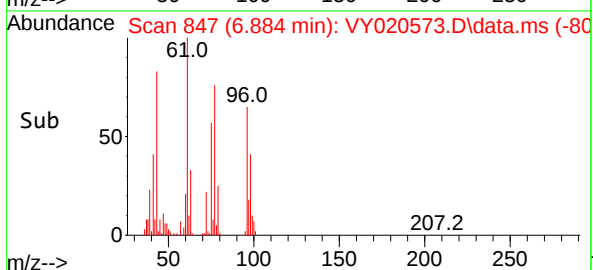
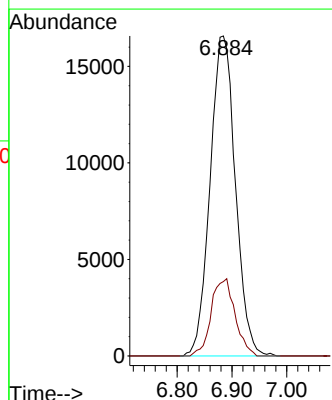
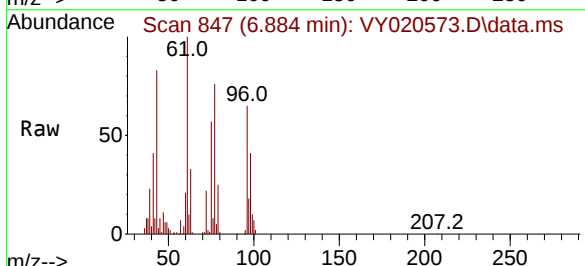
Acq: 10 Dec 2024 16:56

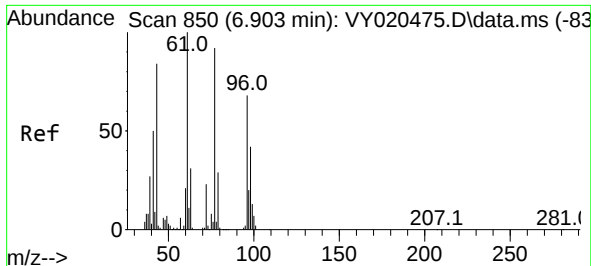
Tgt Ion: 77 Resp: 53110

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 22.829 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.012 min

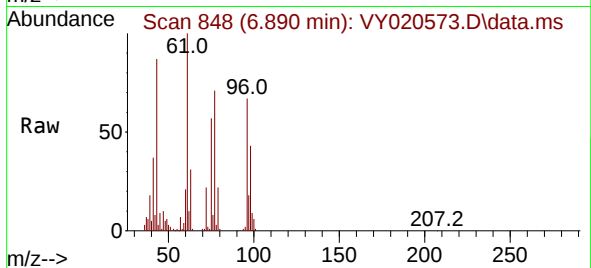
Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :



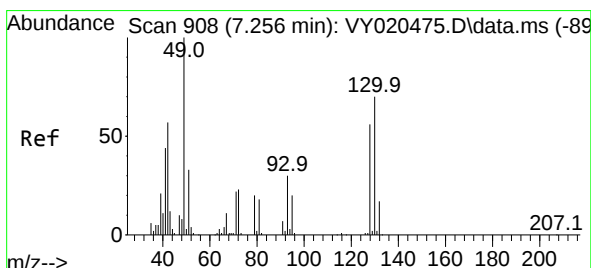
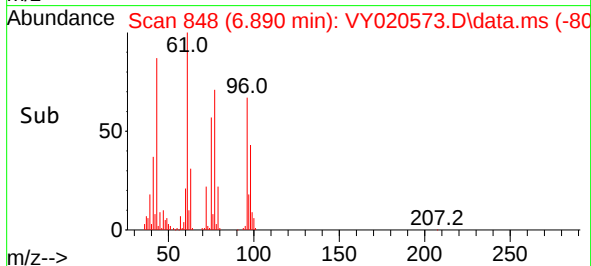
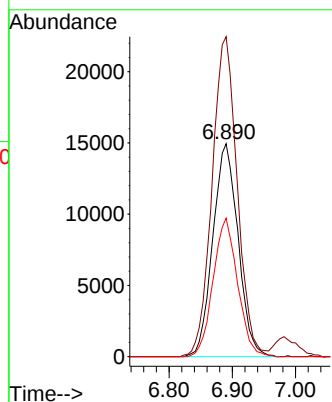
Tgt Ion: 96 Resp: 41363

Ion Ratio Lower Upper

96 100

61 149.9 0.0 312.4

98 63.0 0.0 126.8



#28

Bromochloromethane

Concen: 21.747 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

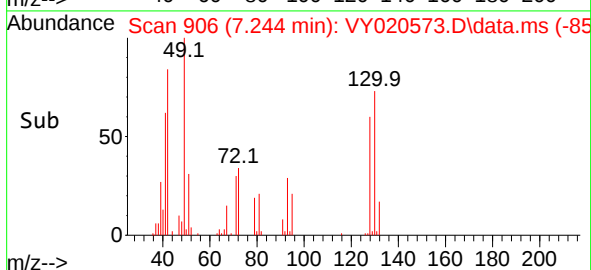
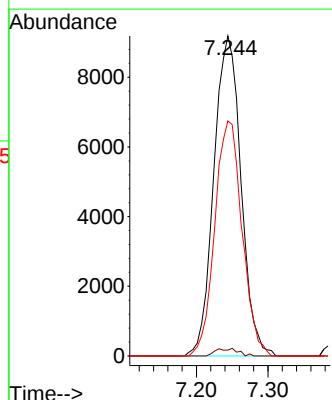
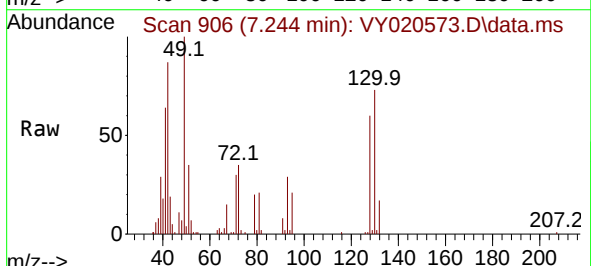
Tgt Ion: 49 Resp: 24225

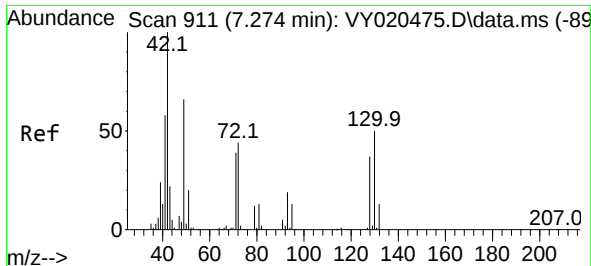
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 73.7 55.0 82.6





#29

Tetrahydrofuran

Concen: 141.599 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY020573.D

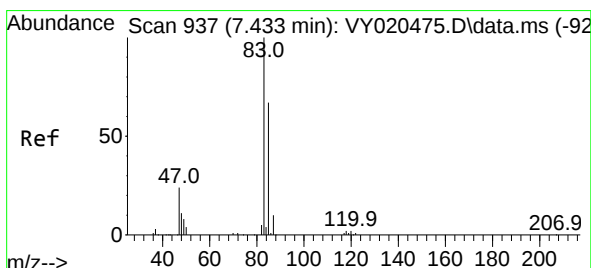
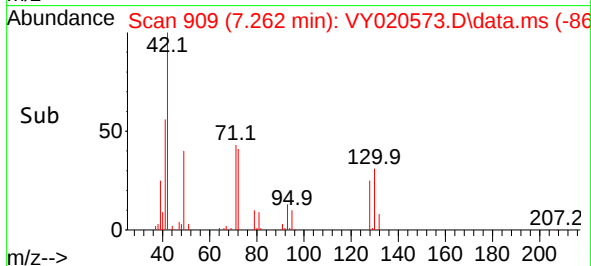
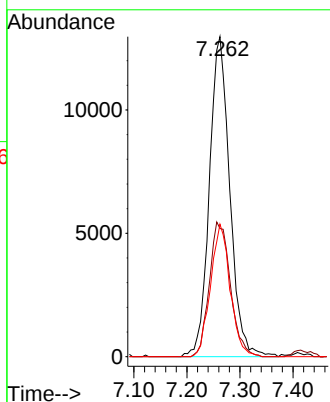
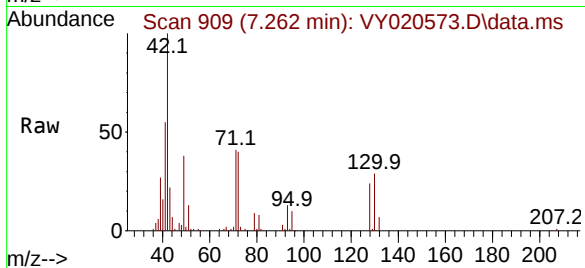
Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	34715
Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.4	50.0
71	39.8	31.9	47.9



#30

Chloroform

Concen: 23.466 ug/l

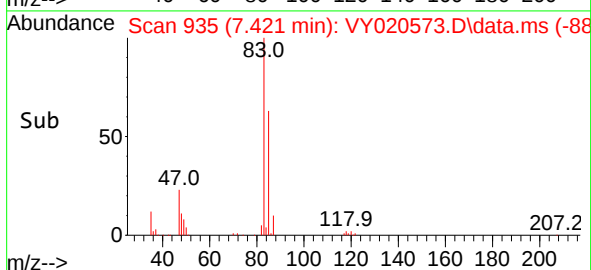
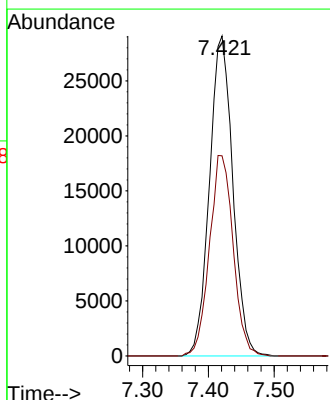
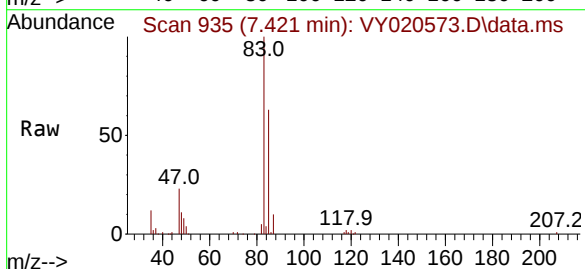
RT: 7.421 min Scan# 935

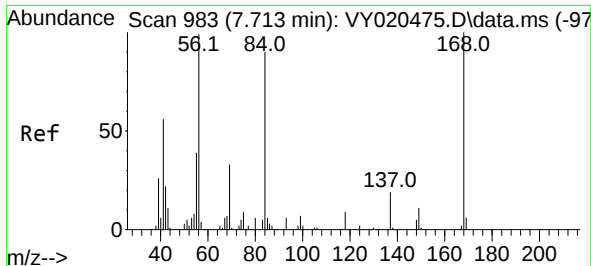
Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

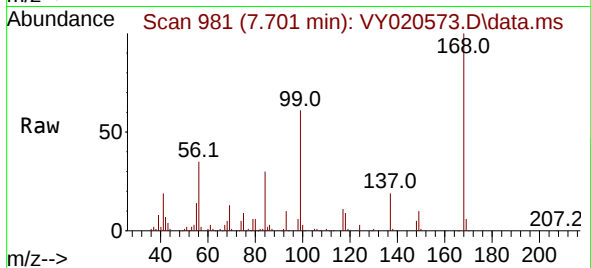
Tgt Ion:	83	Resp:	71839
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.3	75.5



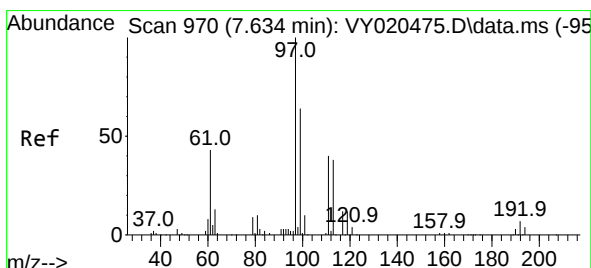
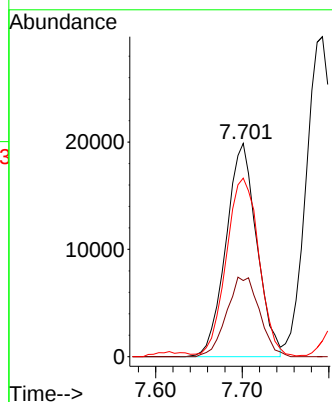
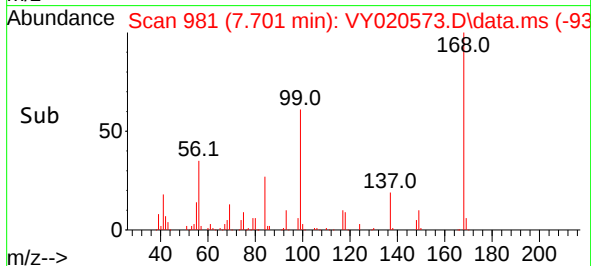


#31
Cyclohexane
Concen: 18.170 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

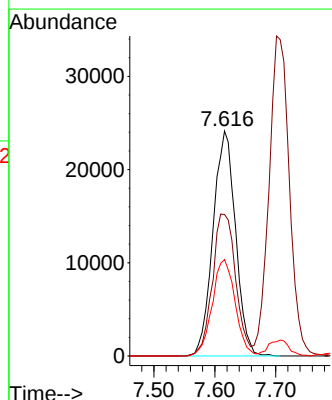
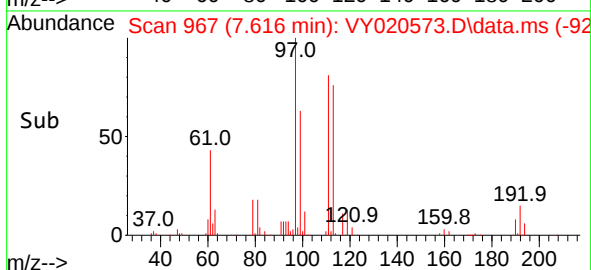
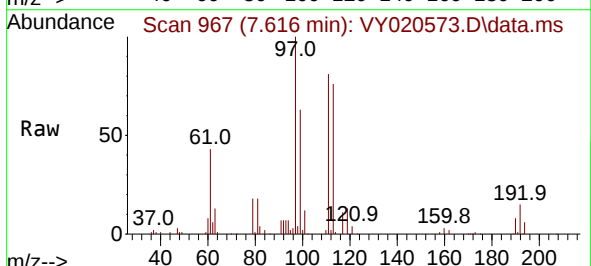


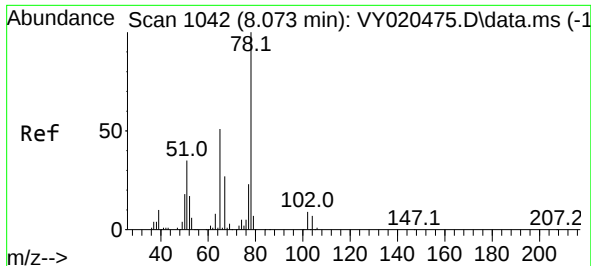
Tgt Ion: 56 Resp: 48999
Ion Ratio Lower Upper
56 100
69 35.7 25.3 37.9
84 81.9 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 21.013 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 97 Resp: 61943
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 43.6 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 62.427 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

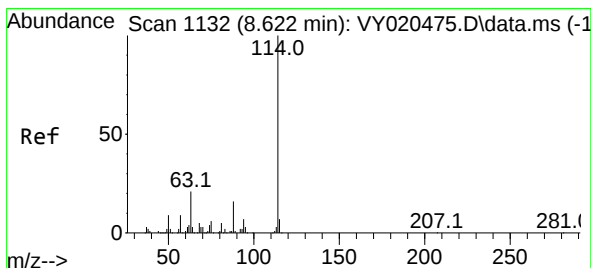
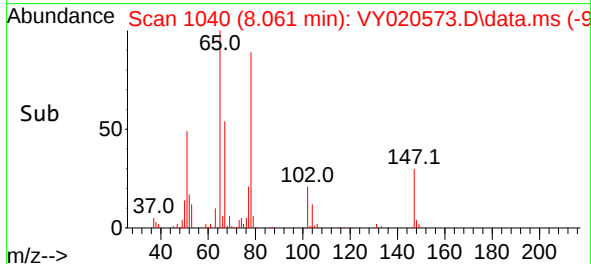
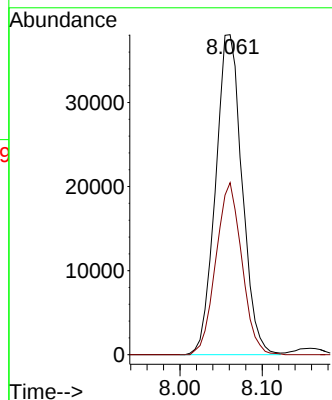
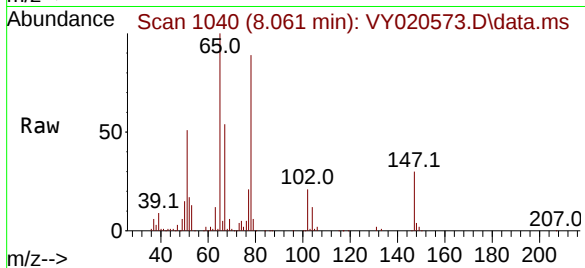
ClientSampleId :

Tgt Ion: 65 Resp: 85445

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

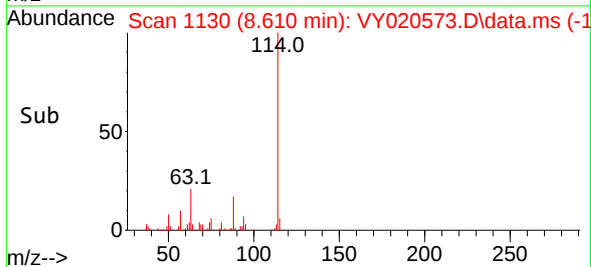
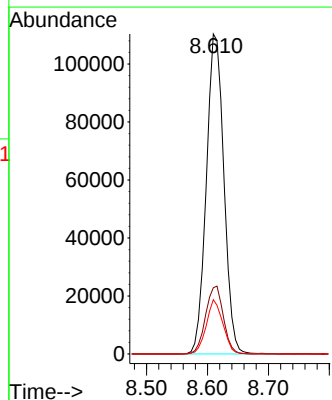
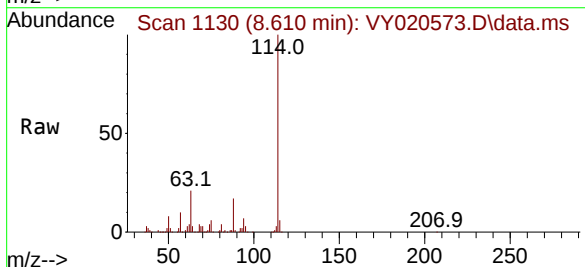
Tgt Ion: 114 Resp: 220995

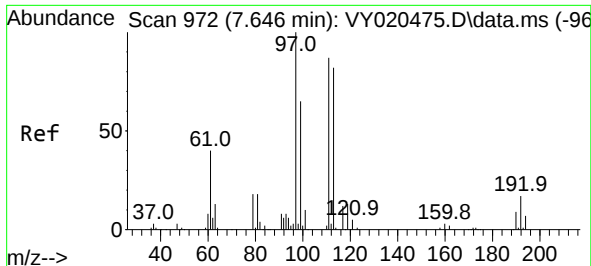
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.8

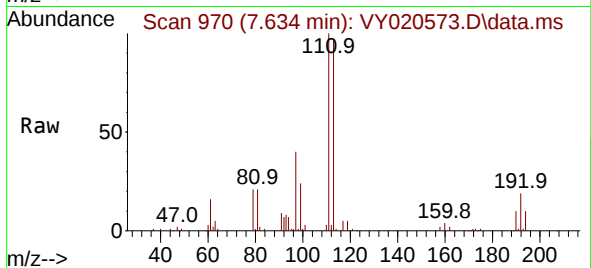
88 16.9 0.0 32.0



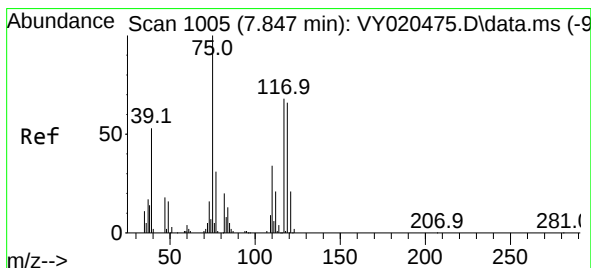
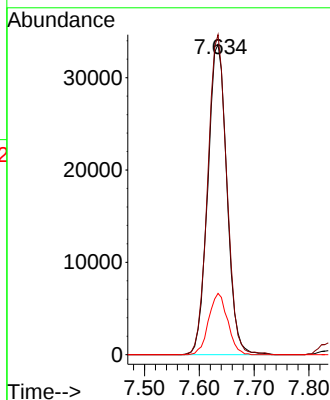
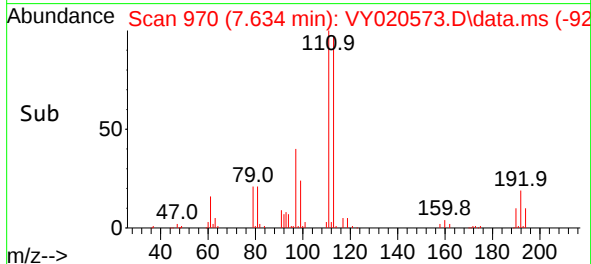


#35
Dibromofluoromethane
Concen: 58.418 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

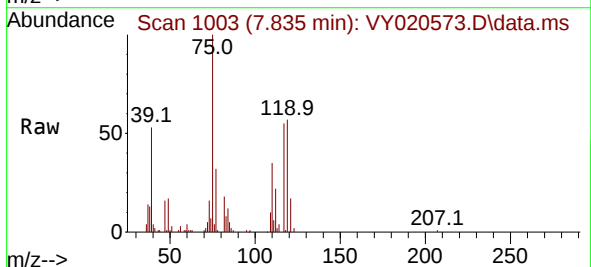
Instrument :
MSVOA_Y
ClientSampleId :



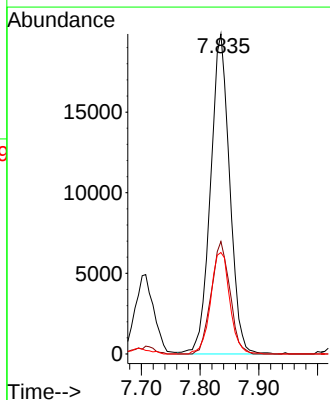
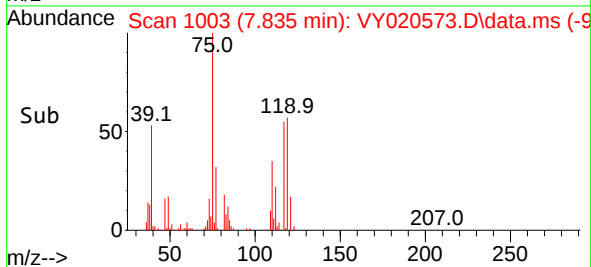
Tgt Ion:113 Resp: 81275
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.6 15.1 22.7

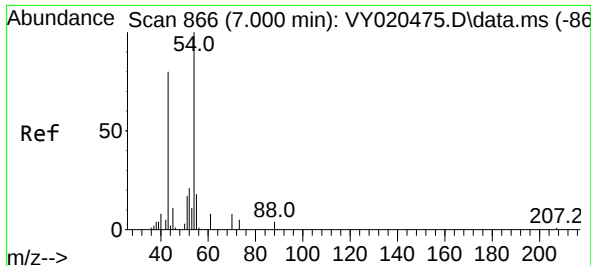


#36
1,1-Dichloropropene
Concen: 19.107 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56



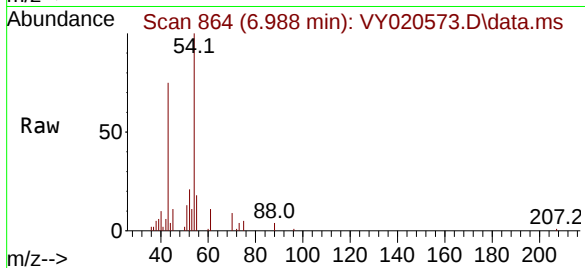
Tgt Ion: 75 Resp: 44891
Ion Ratio Lower Upper
75 100
110 34.2 16.7 50.0
77 31.9 24.6 36.8



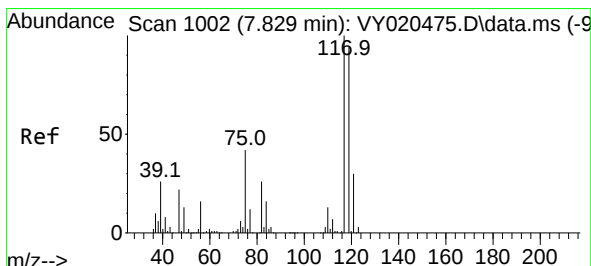
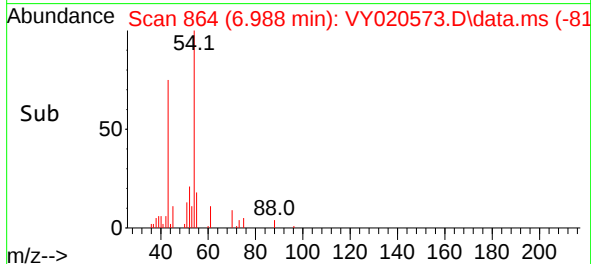
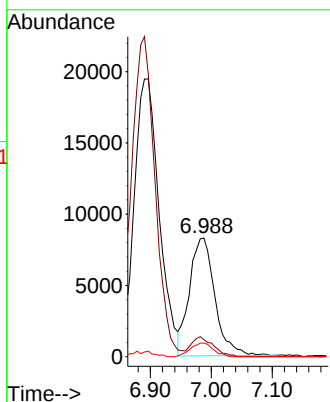


#37
Ethyl Acetate
Concen: 25.747 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

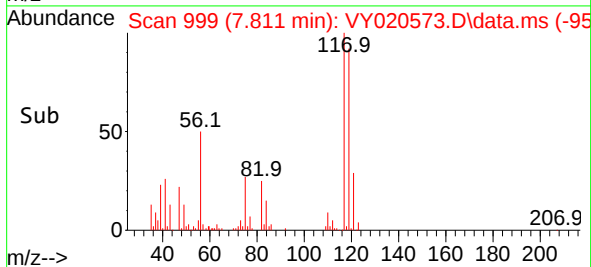
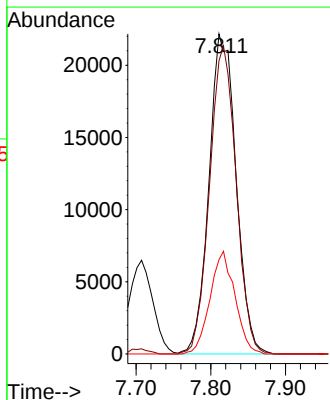
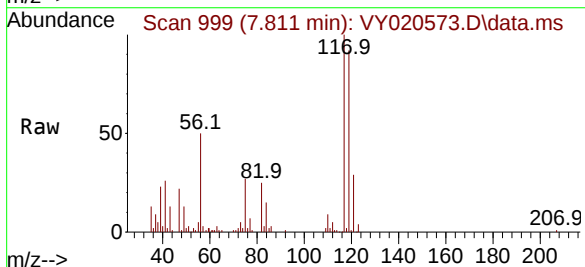


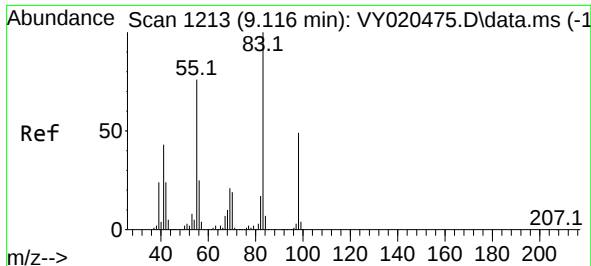
Tgt Ion: 43 Resp: 23965
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 10.4 7.3 10.9



#38
Carbon Tetrachloride
Concen: 19.905 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.018 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 117 Resp: 55814
Ion Ratio Lower Upper
117 100
119 91.6 77.8 116.6
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 18.391 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

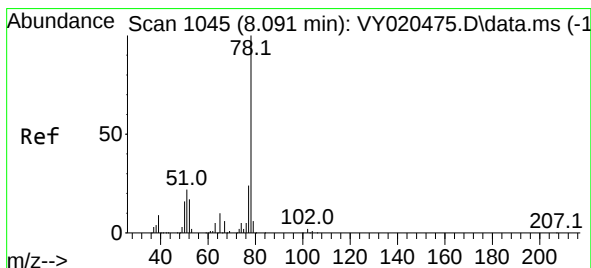
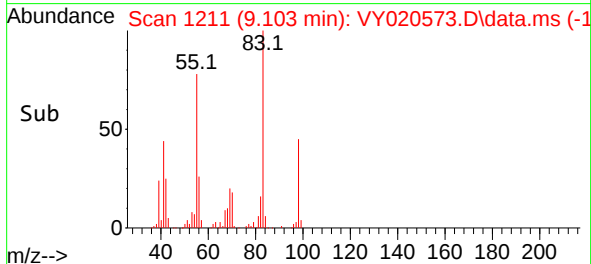
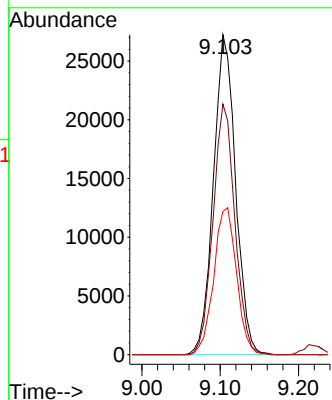
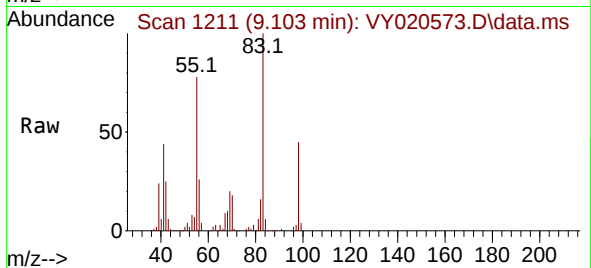
Tgt Ion: 83 Resp: 53618

Ion Ratio Lower Upper

83 100

55 78.3 62.6 93.8

98 44.8 37.0 55.4



#40

Benzene

Concen: 21.009 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY020573.D

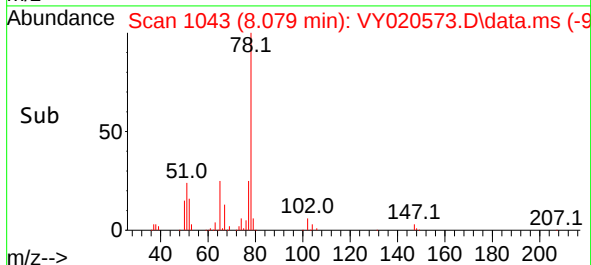
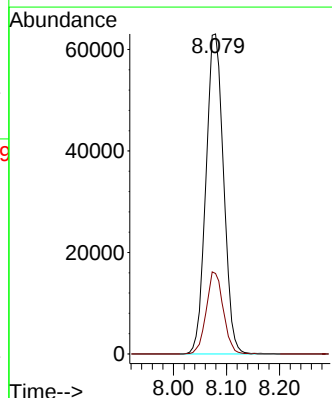
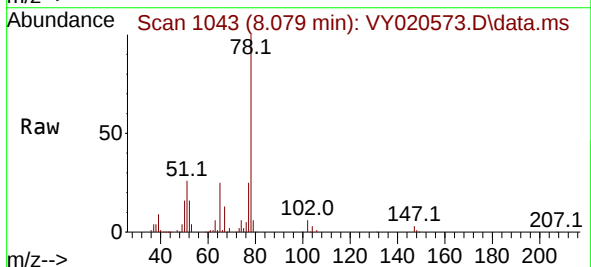
Acq: 10 Dec 2024 16:56

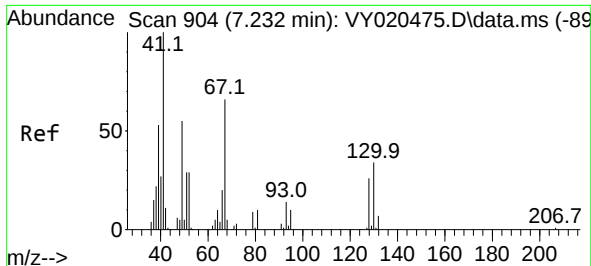
Tgt Ion: 78 Resp: 145531

Ion Ratio Lower Upper

78 100

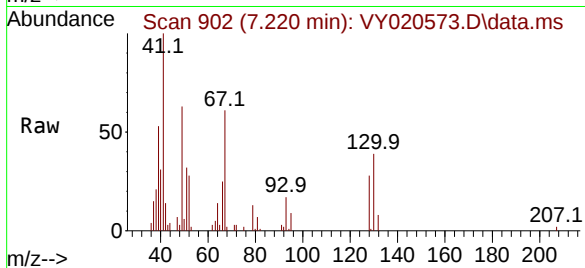
77 25.2 19.4 29.0



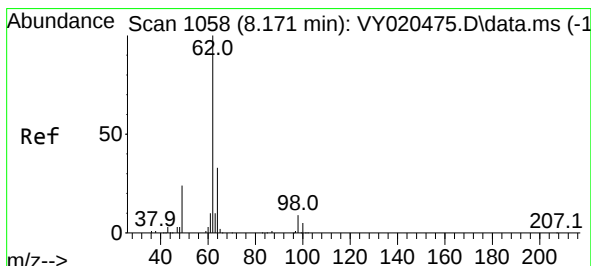
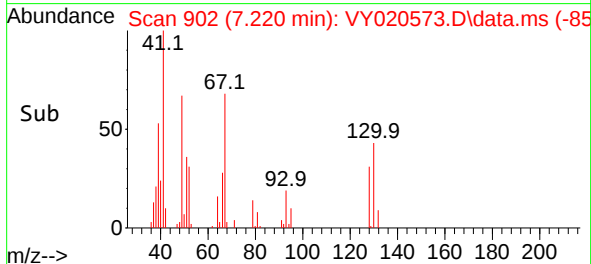
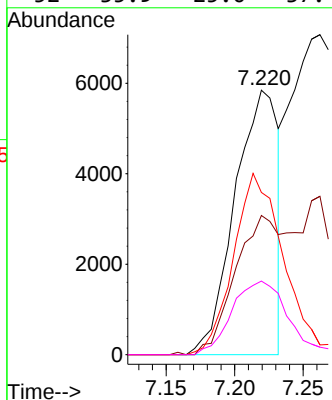


#41
Methacrylonitrile
Concen: 24.253 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

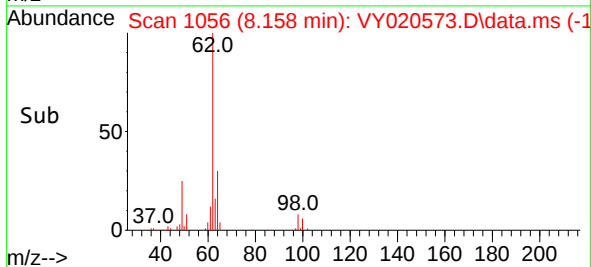
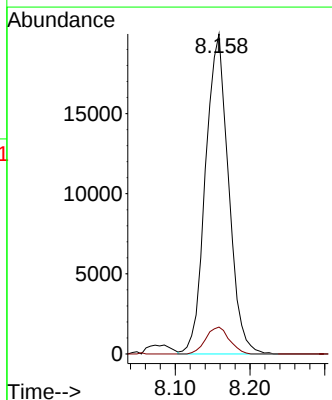
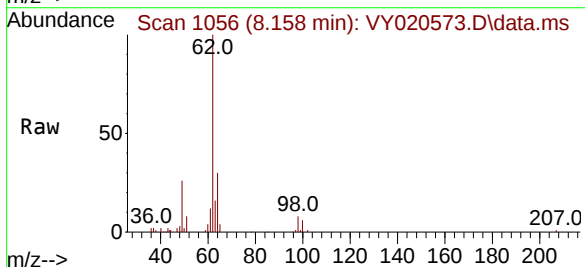


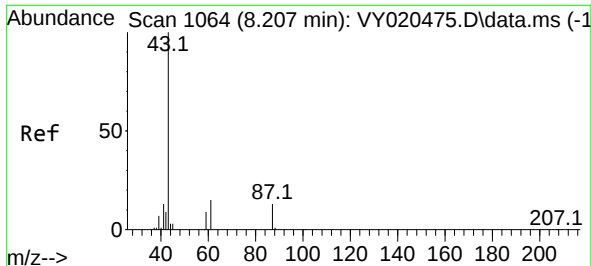
Tgt Ion: 41 Resp: 12833
Ion Ratio Lower Upper
41 100
39 60.0 49.0 73.4
67 80.2 57.1 85.7
52 35.9 25.0 37.4



#42
1,2-Dichloroethane
Concen: 23.504 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 62 Resp: 42782
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0

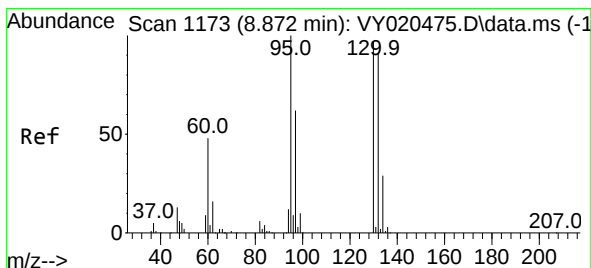
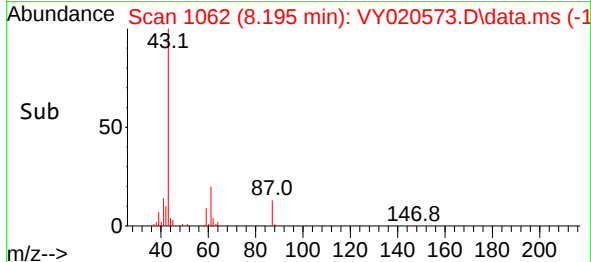
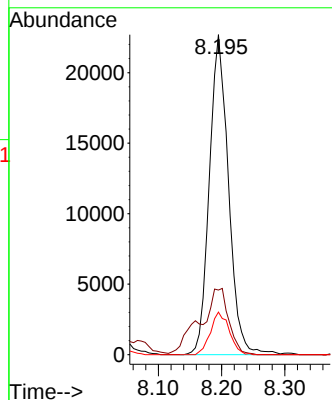
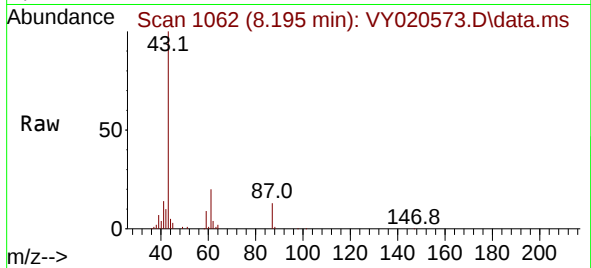




#43
Isopropyl Acetate
Concen: 25.367 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

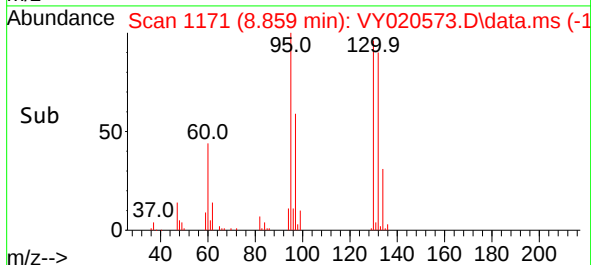
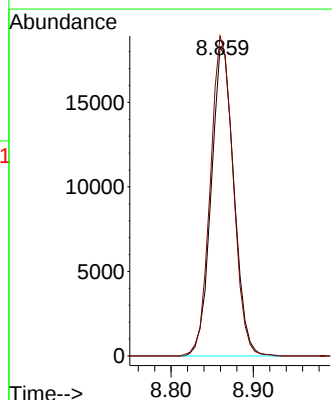
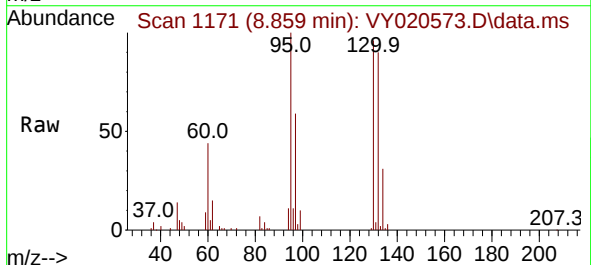
Instrument :
MSVOA_Y
ClientSampleId :

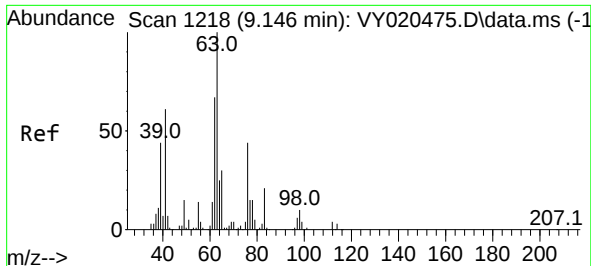
Tgt Ion: 43 Resp: 47678
Ion Ratio Lower Upper
43 100
61 21.0 22.8 34.2#
87 13.1 9.6 14.4



#44
Trichloroethene
Concen: 20.560 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion:130 Resp: 35110
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 22.697 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

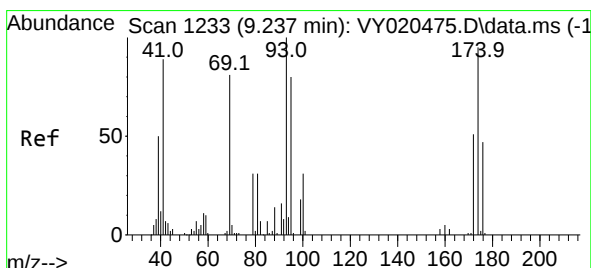
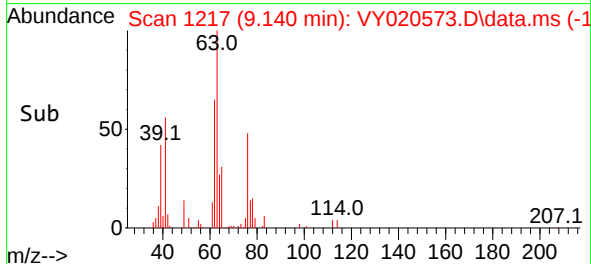
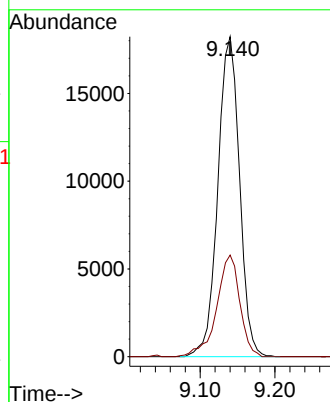
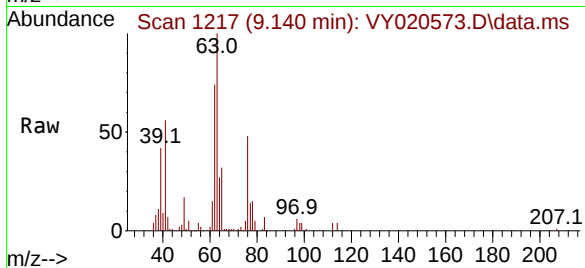
ClientSampleId :

Tgt Ion: 63 Resp: 36792

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.4



#46

Dibromomethane

Concen: 24.386 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

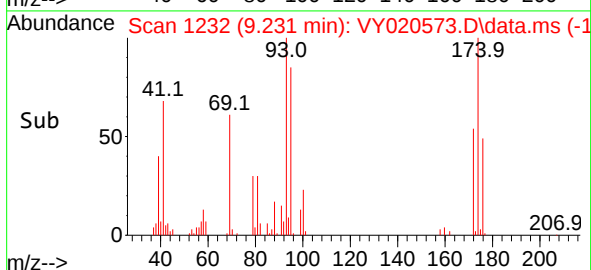
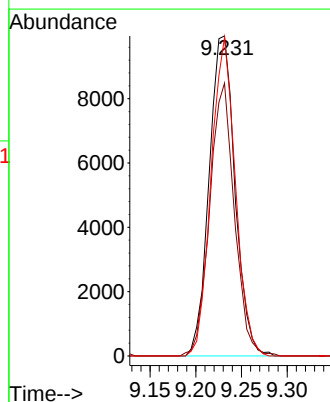
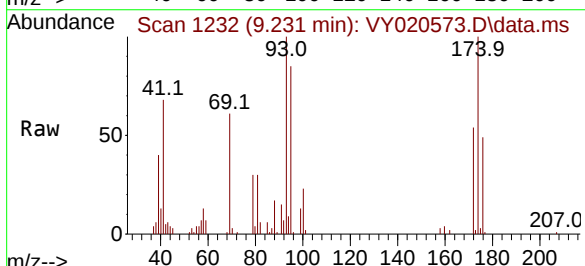
Tgt Ion: 93 Resp: 19572

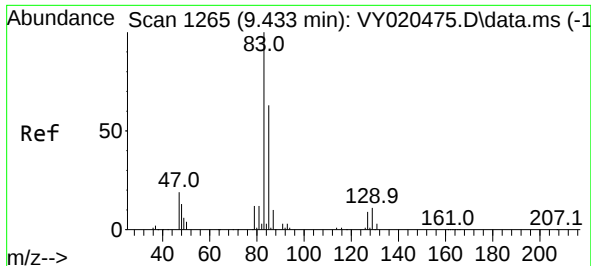
Ion Ratio Lower Upper

93 100

95 81.2 65.3 97.9

174 93.5 74.4 111.6

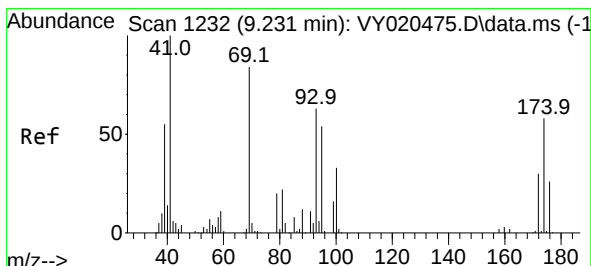
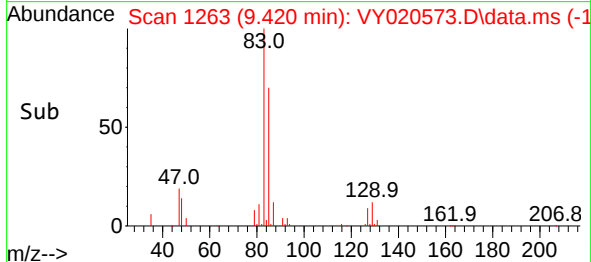
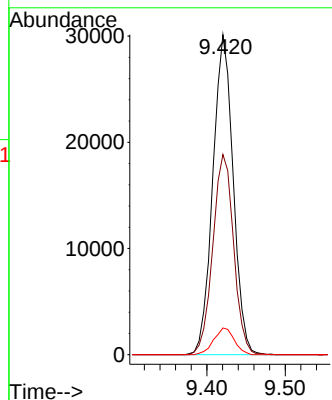
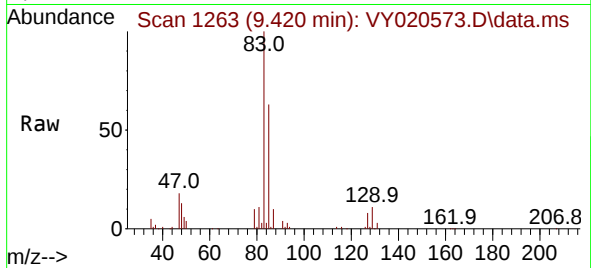




#47
Bromodichloromethane
Concen: 23.006 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

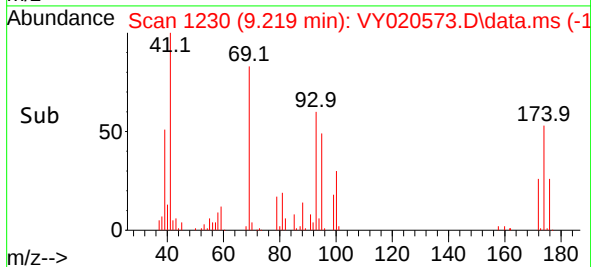
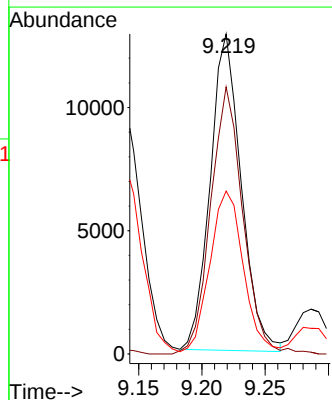
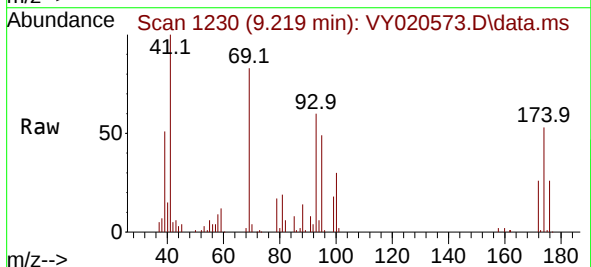
Instrument :
MSVOA_Y
ClientSampleId :

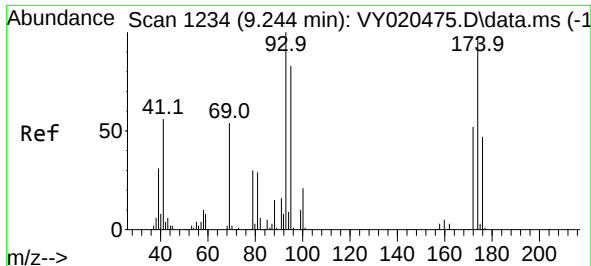
Tgt Ion: 83 Resp: 54401
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 24.981 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 41 Resp: 21895
Ion Ratio Lower Upper
41 100
69 87.7 66.1 99.1
39 56.2 46.0 69.0





#49

1,4-Dioxane

Concen: 625.290 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

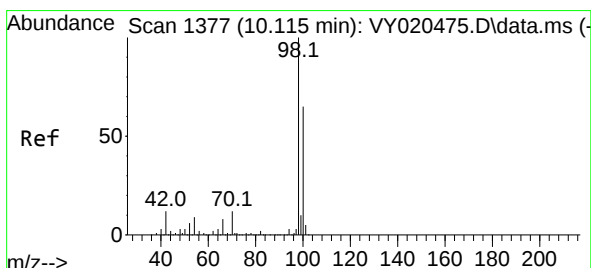
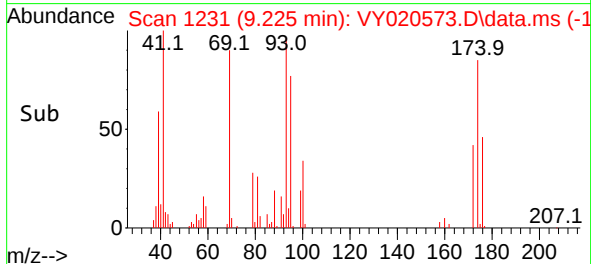
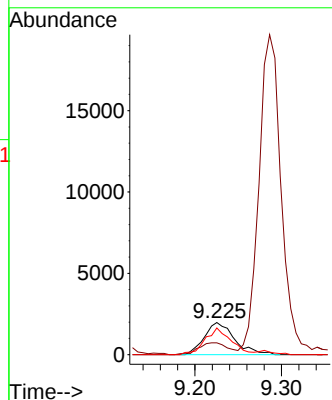
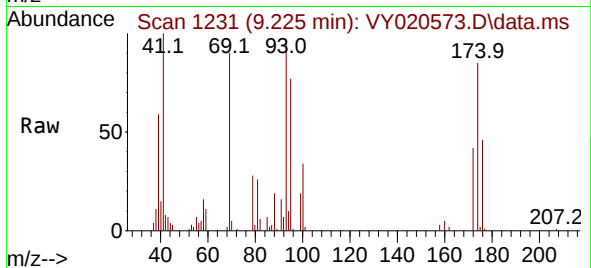
Tgt Ion: 88 Resp: 4797

Ion Ratio Lower Upper

88 100

43 36.6 24.6 37.0

58 71.7 59.6 89.4



#50

Toluene-d8

Concen: 55.871 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020573.D

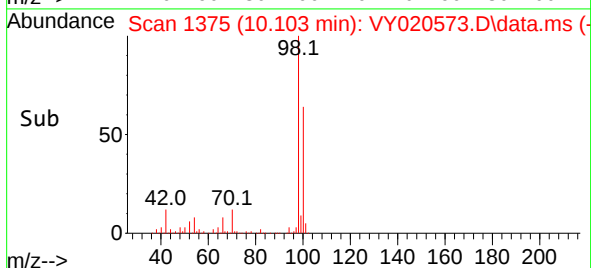
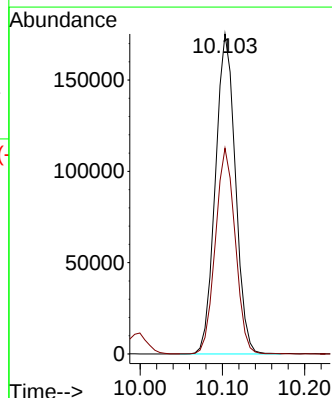
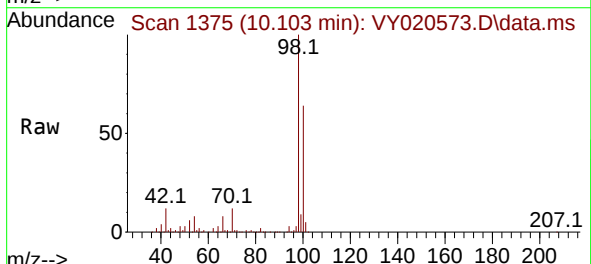
Acq: 10 Dec 2024 16:56

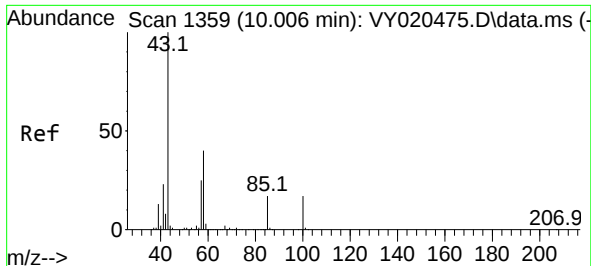
Tgt Ion: 98 Resp: 295988

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9

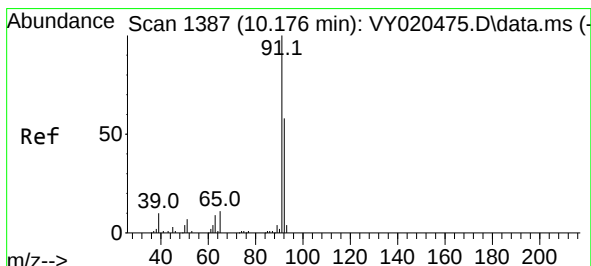
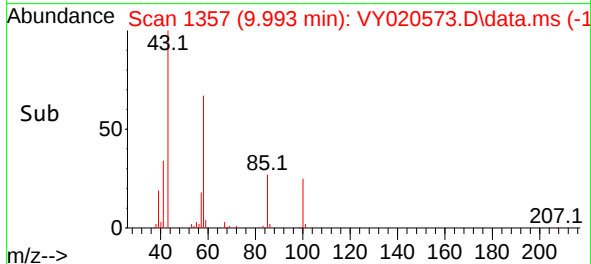
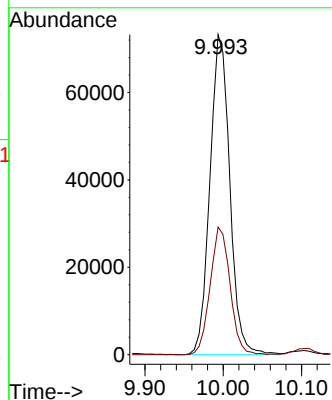
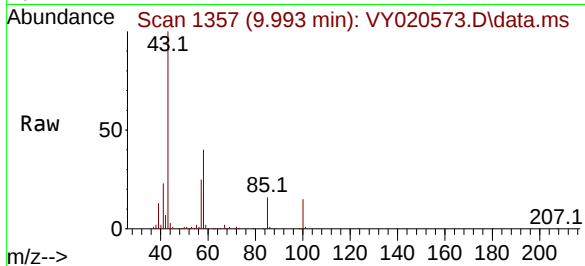




#51
4-Methyl-2-Pentanone
Concen: 139.046 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

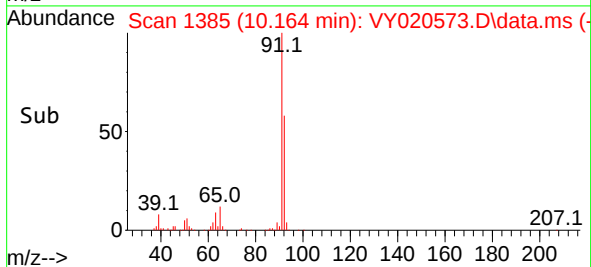
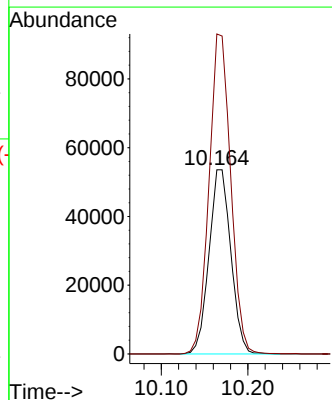
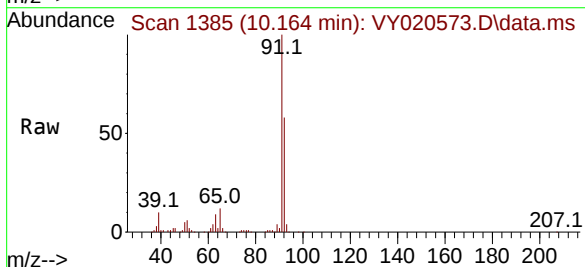
Instrument :
MSVOA_Y
ClientSampleId :

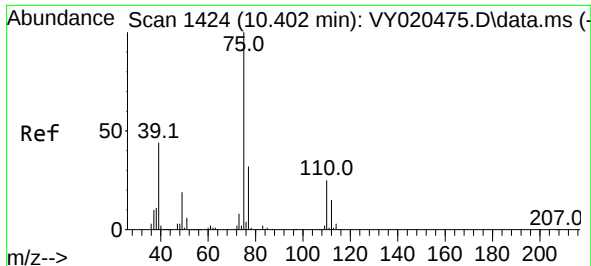
Tgt Ion: 43 Resp: 129064
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3



#52
Toluene
Concen: 21.720 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 92 Resp: 93871
Ion Ratio Lower Upper
92 100
91 172.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 22.838 ug/l

RT: 10.390 min Scan# 1424

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

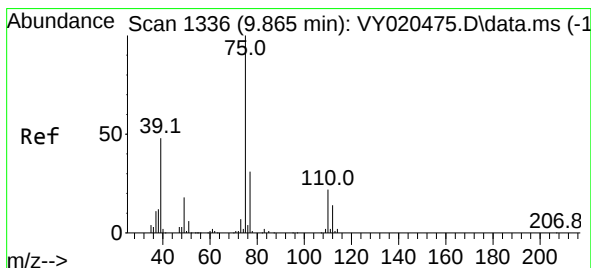
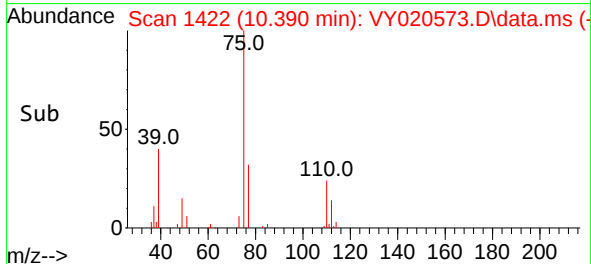
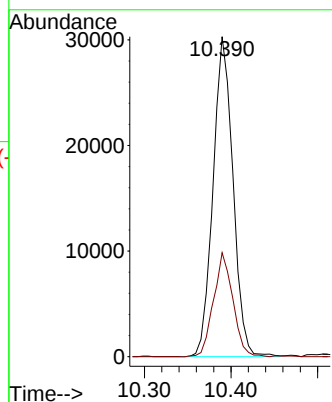
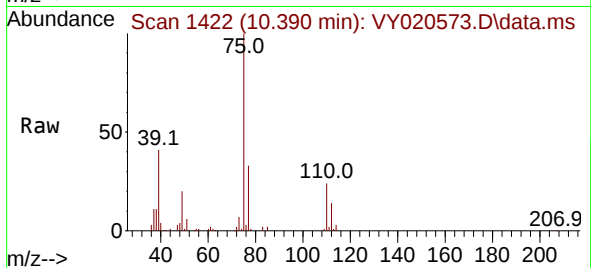
ClientSampleId :

Tgt Ion: 75 Resp: 48484

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 22.524 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

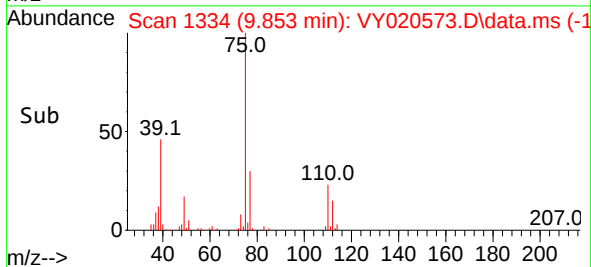
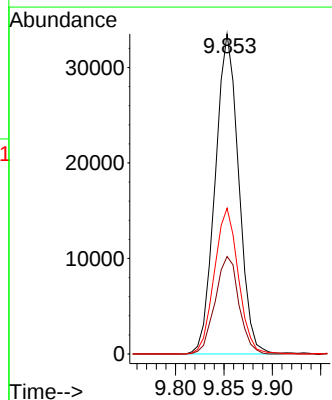
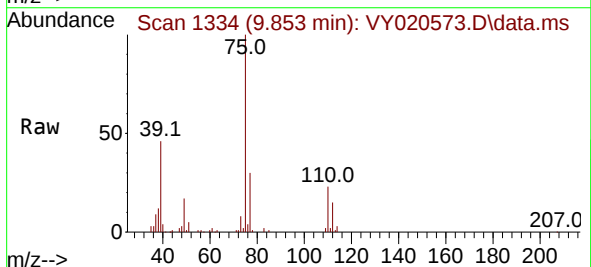
Tgt Ion: 75 Resp: 56511

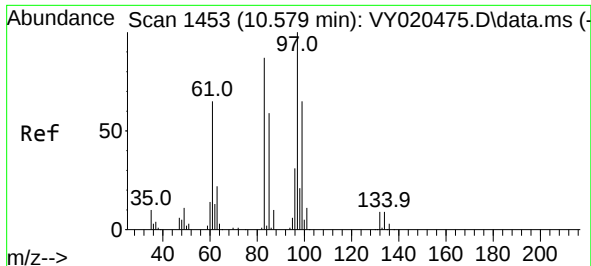
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 45.5 41.0 61.6

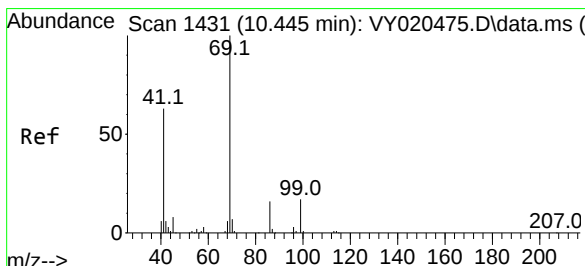
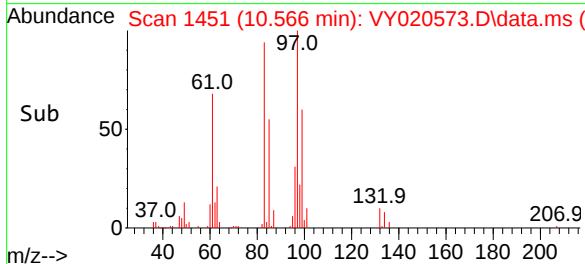
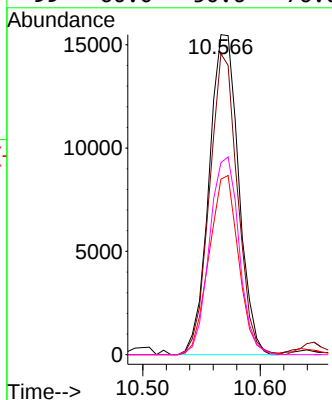
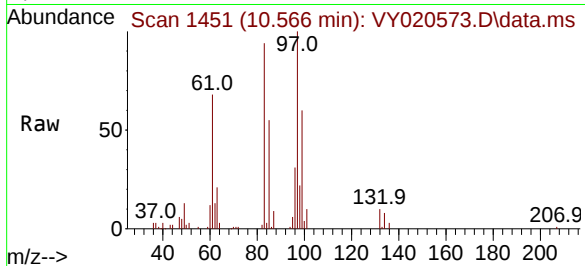




#55
1,1,2-Trichloroethane
Concen: 25.327 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

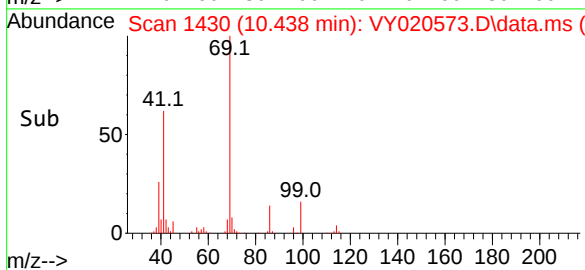
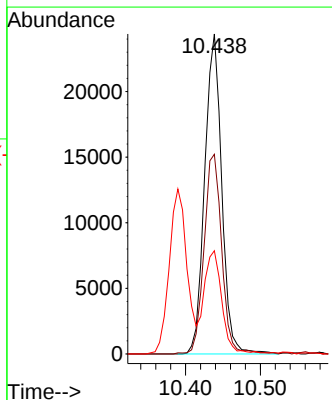
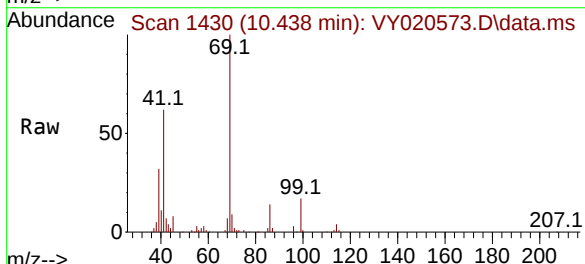
Instrument :
MSVOA_Y
ClientSampleId :

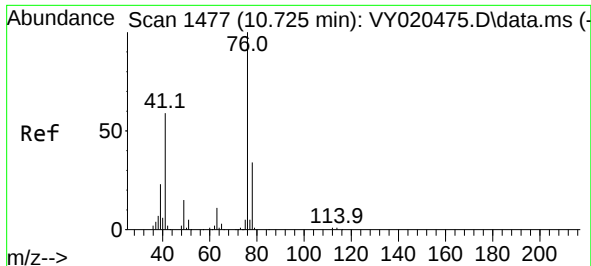
Tgt Ion: 97	Resp: 27116
Ion Ratio	Lower Upper
97 100	
83 94.1	70.8 106.2
85 54.8	44.9 67.3
99 60.0	50.6 76.0



#56
Ethyl methacrylate
Concen: 25.486 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 69	Resp: 38608		
Ion Ratio	Lower	Upper	
69 100			
41 65.0	56.1	84.1	
39 33.0	29.7	44.5	





#57

1,3-Dichloropropane

Concen: 24.746 ug/l

RT: 10.713 min Scan# 1477

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

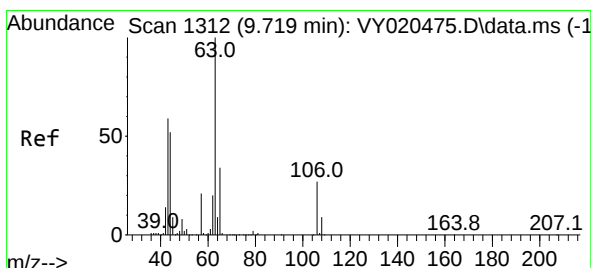
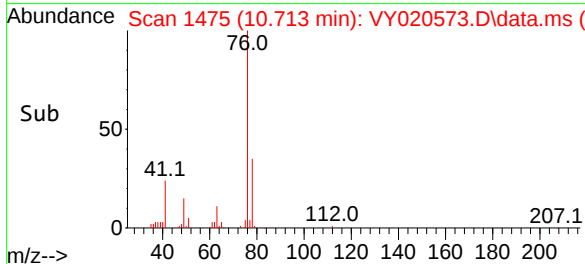
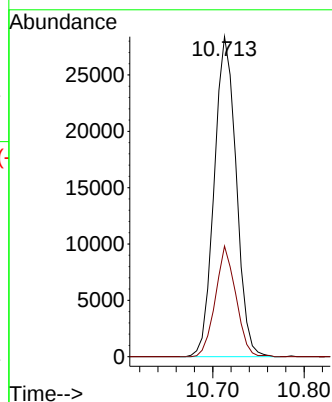
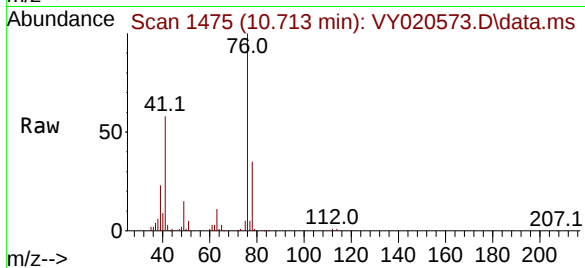
ClientSampleId :

Tgt Ion: 76 Resp: 47443

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 110.851 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.012 min

Lab File: VY020573.D

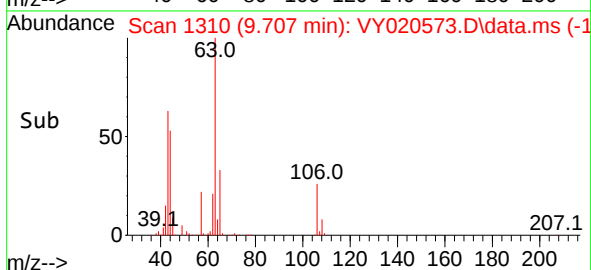
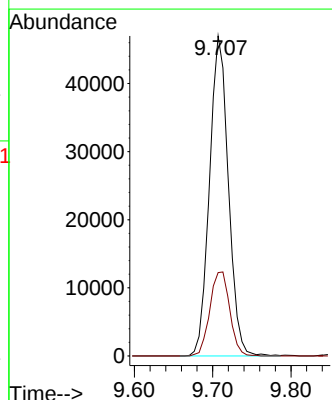
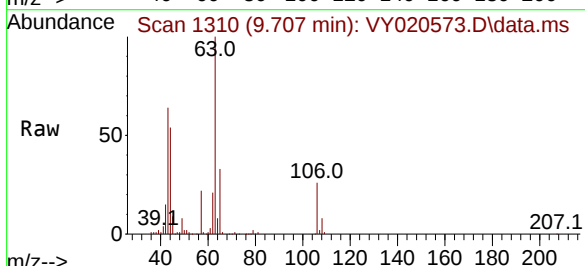
Acq: 10 Dec 2024 16:56

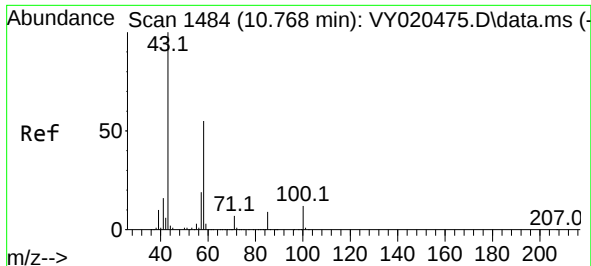
Tgt Ion: 63 Resp: 78624

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4





#59

2-Hexanone

Concen: 126.650 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

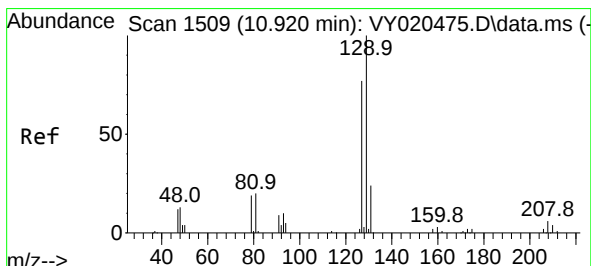
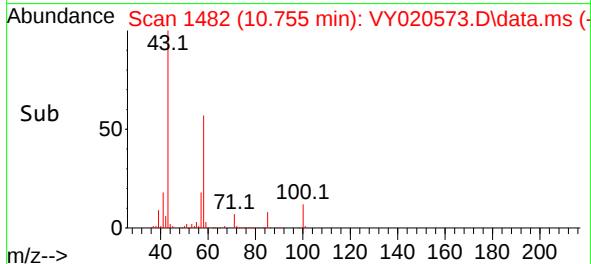
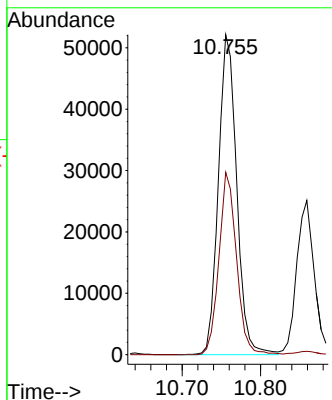
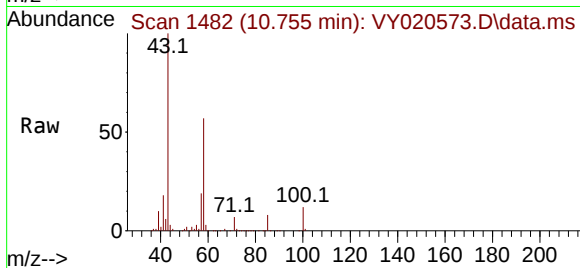
ClientSampleId :

Tgt Ion: 43 Resp: 84807

Ion Ratio Lower Upper

43 100

58 54.8 26.4 79.2



#60

Dibromochloromethane

Concen: 24.910 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.012 min

Lab File: VY020573.D

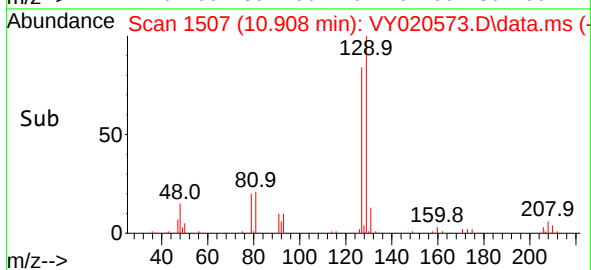
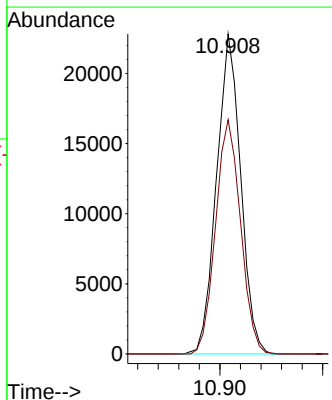
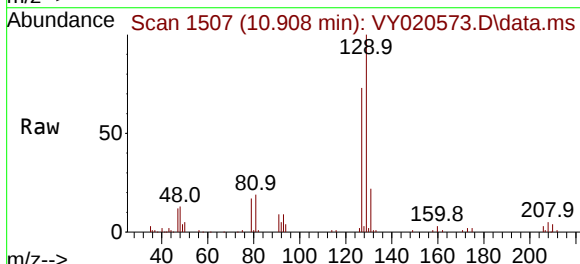
Acq: 10 Dec 2024 16:56

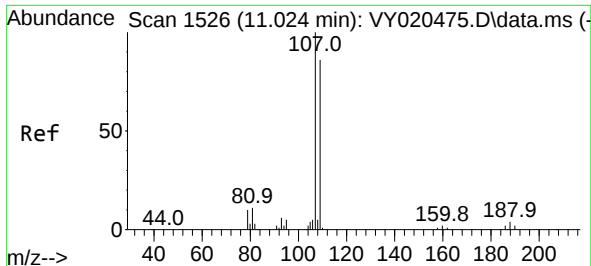
Tgt Ion:129 Resp: 37130

Ion Ratio Lower Upper

129 100

127 75.8 38.3 114.9

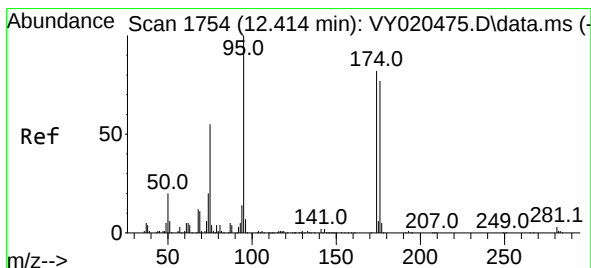
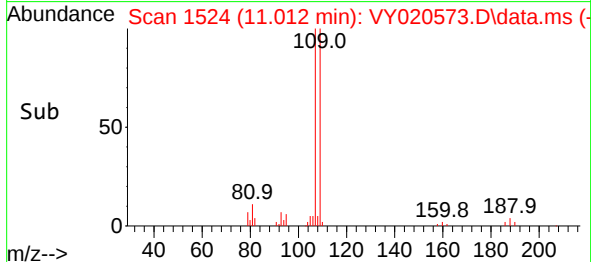
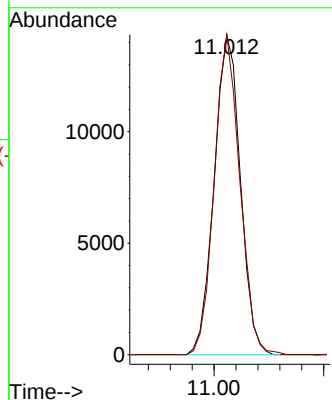
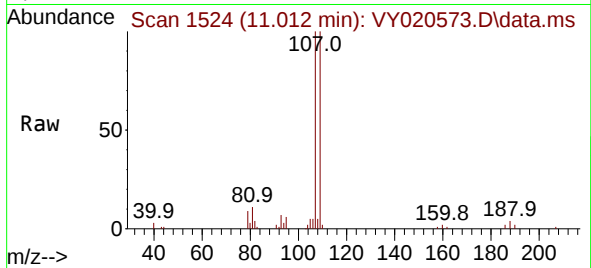




#61
1,2-Dibromoethane
Concen: 24.241 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

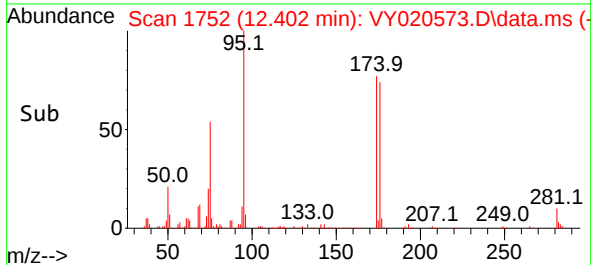
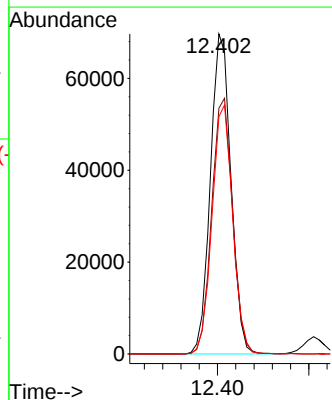
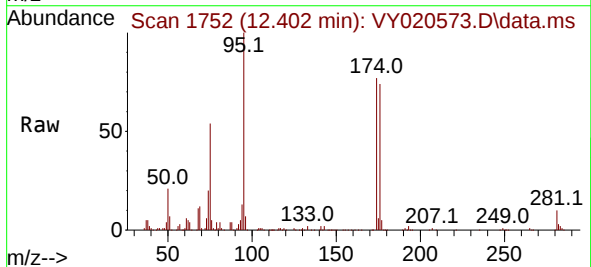
Instrument :
MSVOA_Y
ClientSampleId :

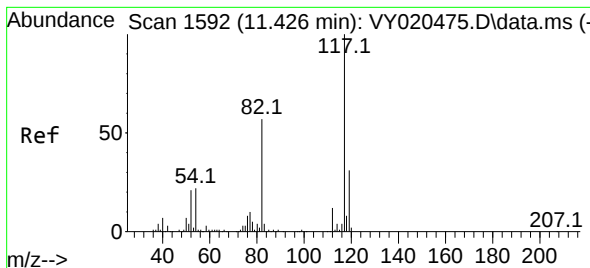
Tgt Ion:107 Resp: 23734
Ion Ratio Lower Upper
107 100
109 97.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 58.534 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 95 Resp: 108455
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 78.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.012 min

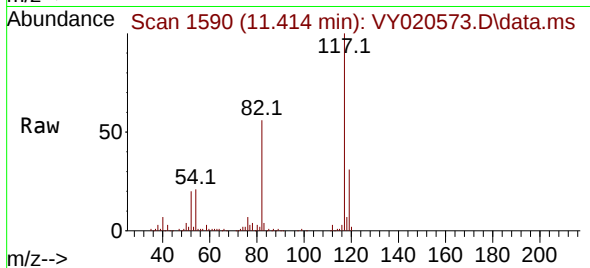
Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :



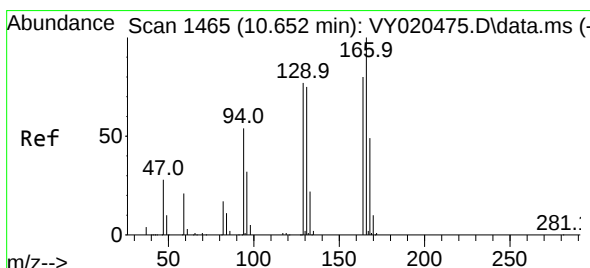
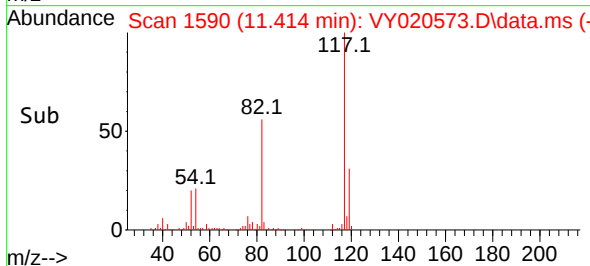
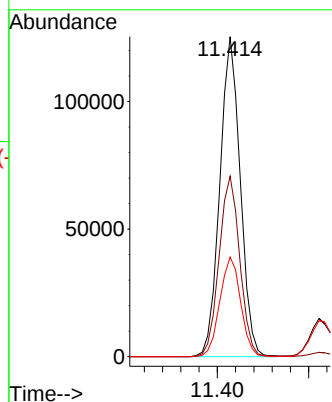
Tgt Ion:117 Resp: 194831

Ion Ratio Lower Upper

117 100

82 56.4 48.2 72.4

119 31.2 25.8 38.8



#64

Tetrachloroethene

Concen: 22.129 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Tgt Ion:164 Resp: 36431

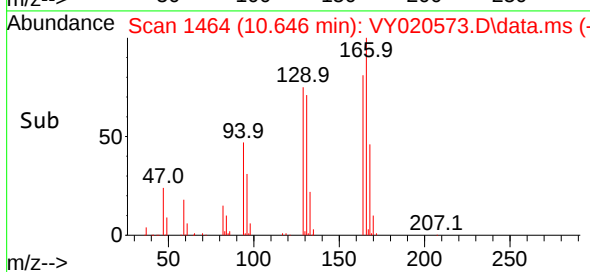
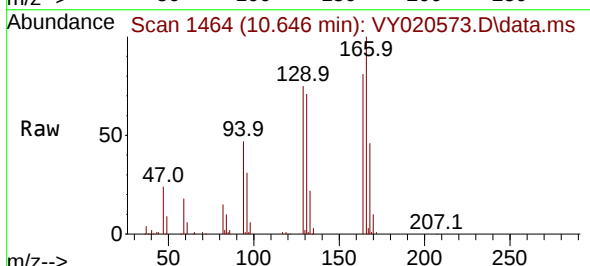
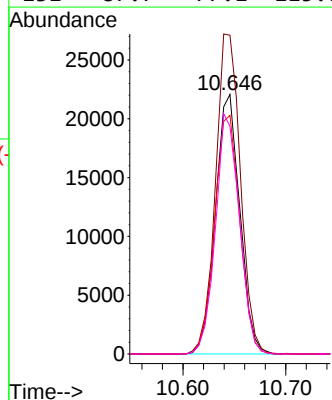
Ion Ratio Lower Upper

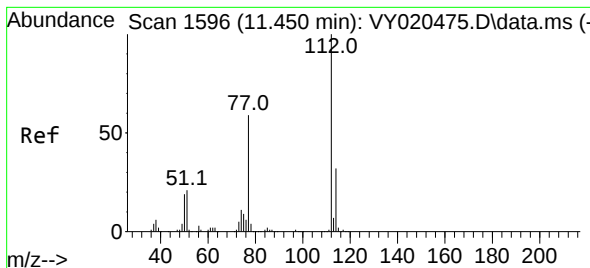
164 100

166 122.8 103.8 155.8

129 91.9 79.0 118.4

131 87.7 77.1 115.7





#65

Chlorobenzene

Concen: 20.857 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

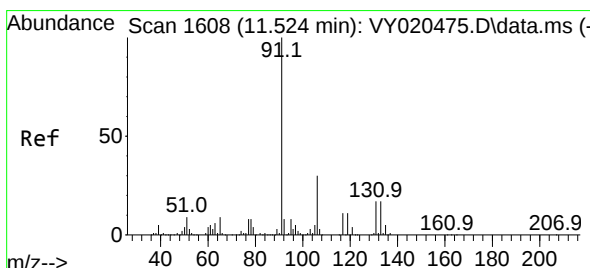
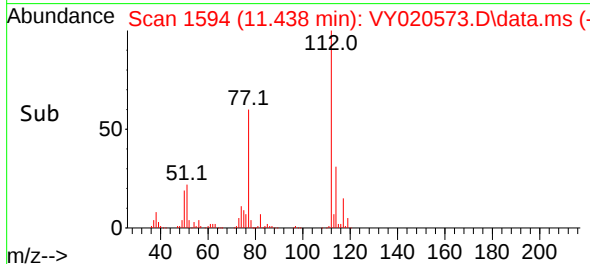
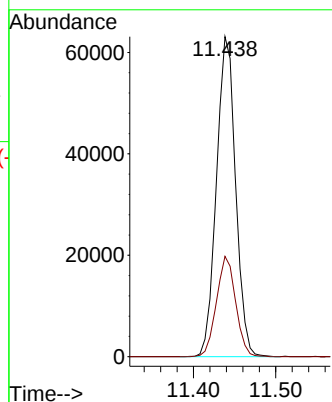
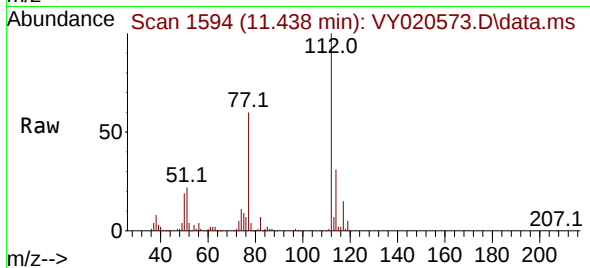
ClientSampleId :

Tgt Ion:112 Resp: 101856

Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 21.414 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

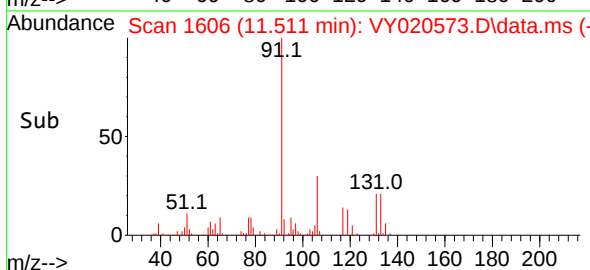
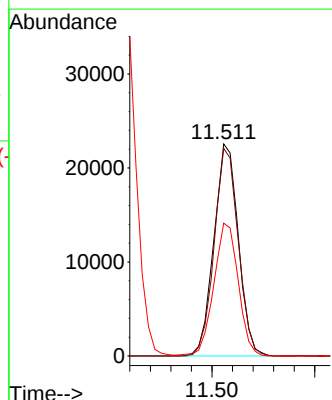
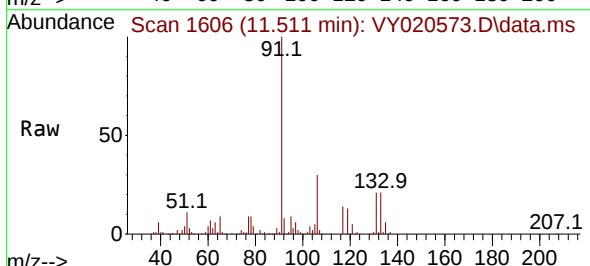
Tgt Ion:131 Resp: 37088

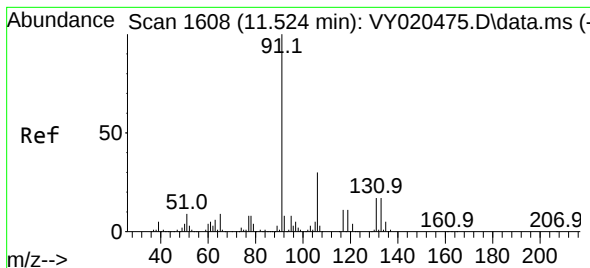
Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.3

119 62.7 32.5 97.5





#67

Ethyl Benzene

Concen: 20.036 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

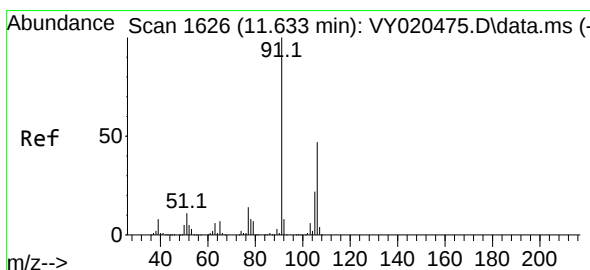
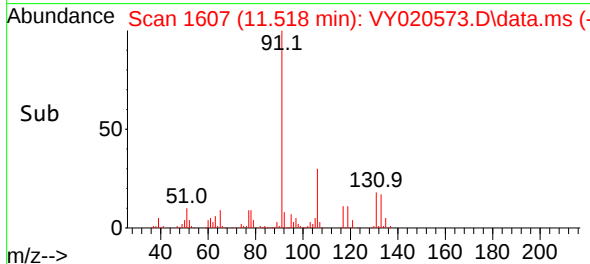
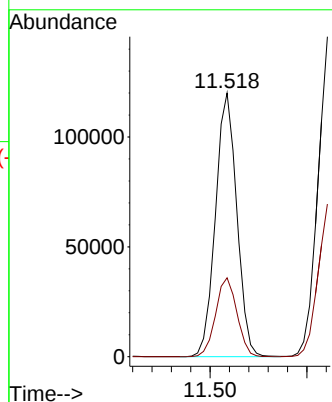
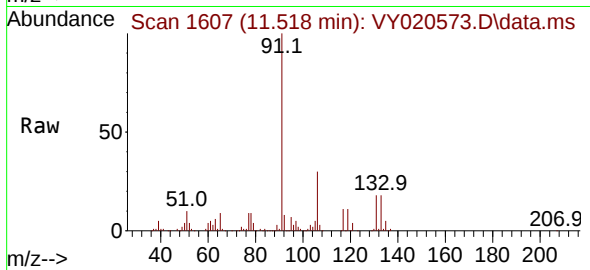
ClientSampleId :

Tgt Ion: 91 Resp: 183402

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 40.792 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020573.D

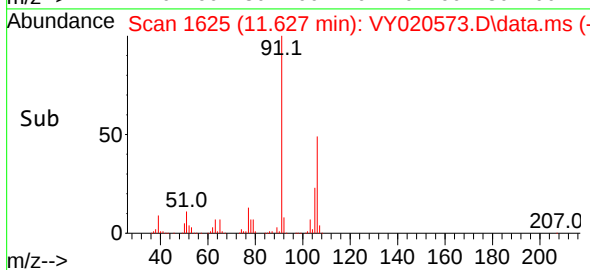
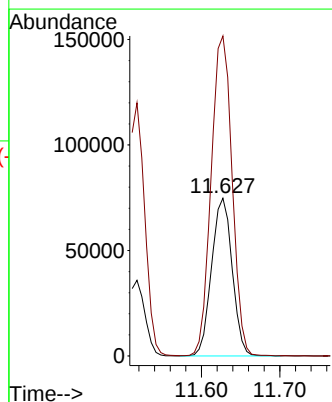
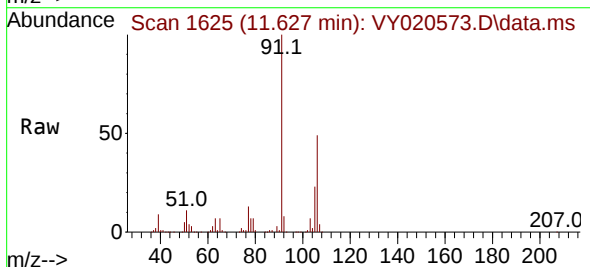
Acq: 10 Dec 2024 16:56

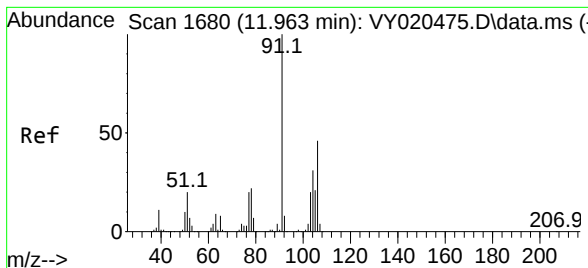
Tgt Ion:106 Resp: 136728

Ion Ratio Lower Upper

106 100

91 205.9 166.0 249.0





#69

o-Xylene

Concen: 21.051 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

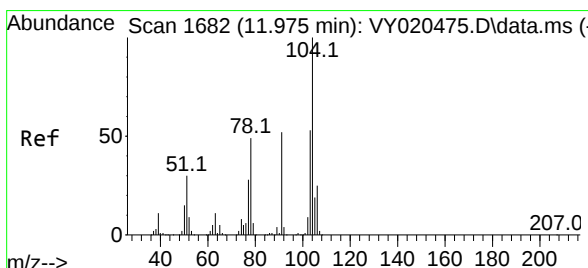
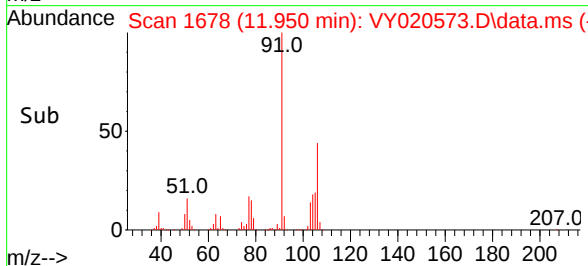
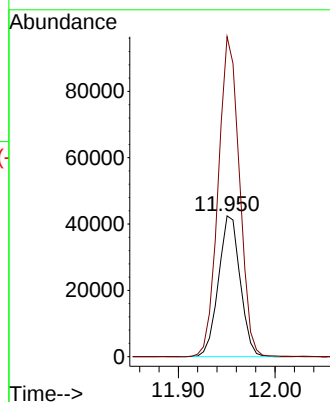
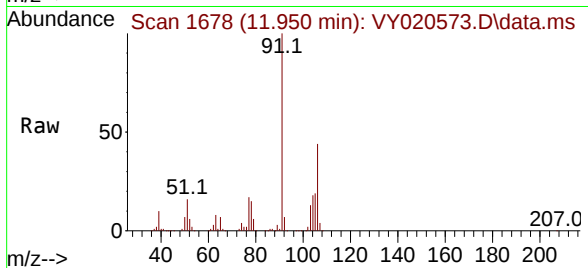
ClientSampleId :

Tgt Ion:106 Resp: 66105

Ion Ratio Lower Upper

106 100

91 222.6 110.0 330.0



#70

Styrene

Concen: 21.544 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

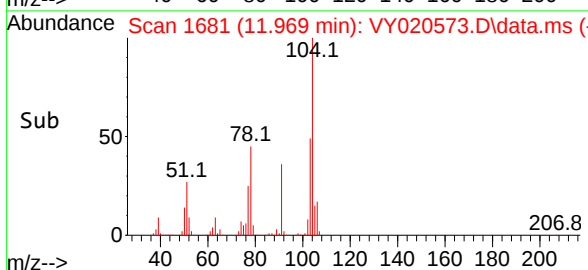
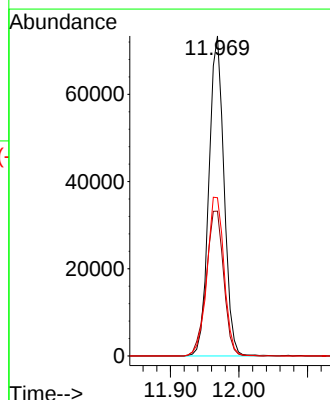
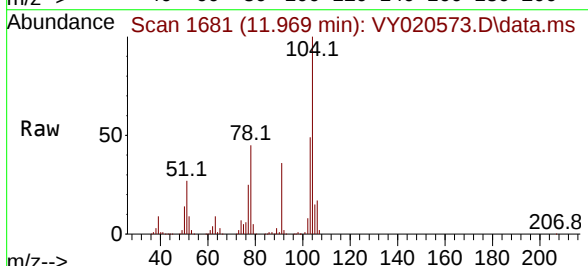
Tgt Ion:104 Resp: 112869

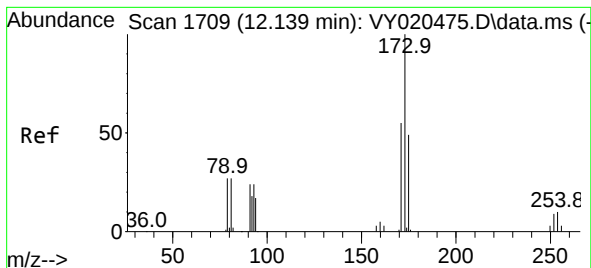
Ion Ratio Lower Upper

104 100

78 52.3 41.4 62.2

103 55.9 44.2 66.4





#71

Bromoform

Concen: 23.851 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

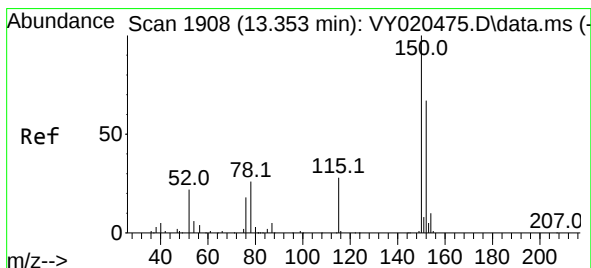
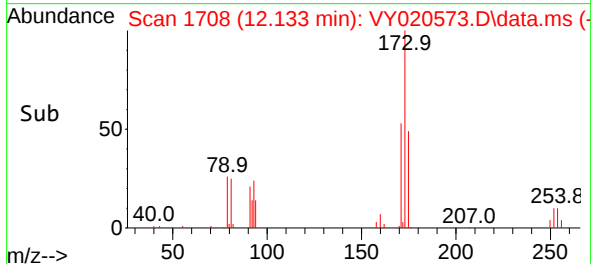
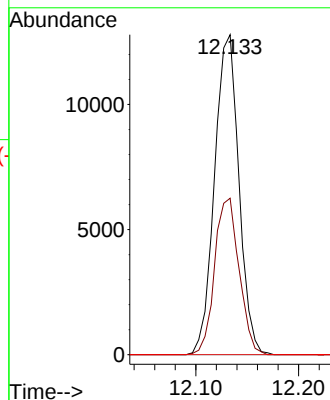
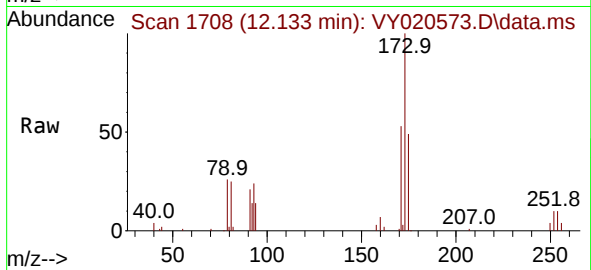
Tgt Ion:173 Resp: 21002

Ion Ratio Lower Upper

173 100

175 49.2 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: VY020573.D

Acq: 10 Dec 2024 16:56

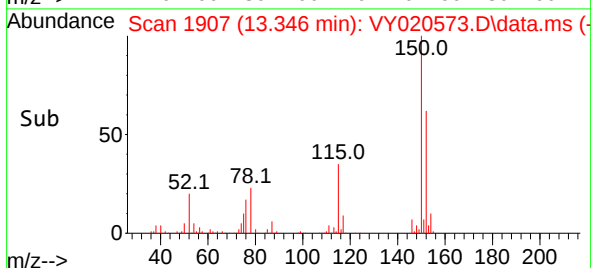
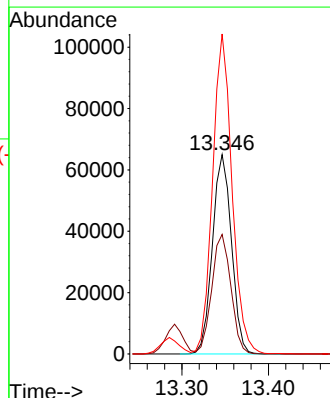
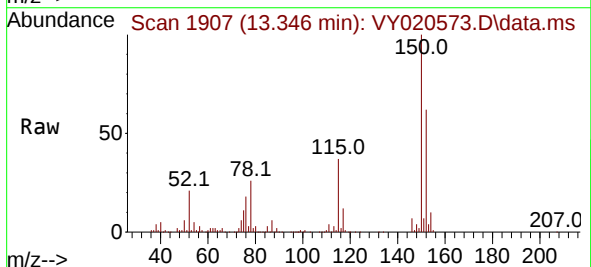
Tgt Ion:152 Resp: 99277

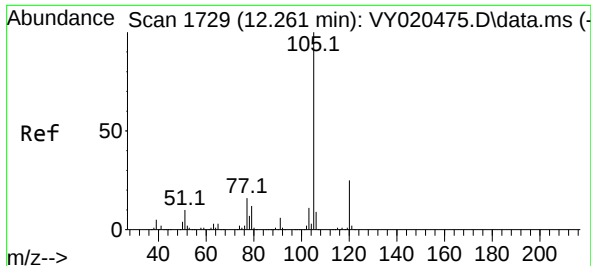
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 163.5 0.0 348.2

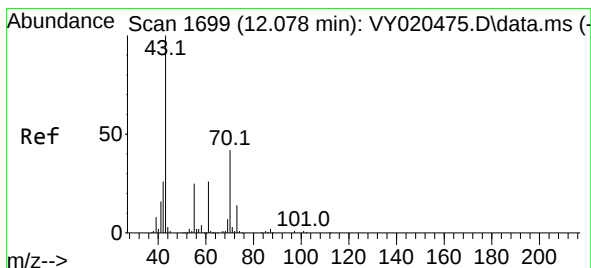
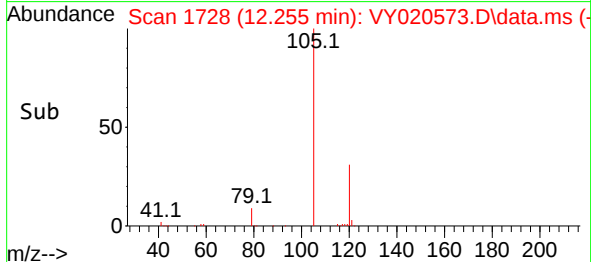
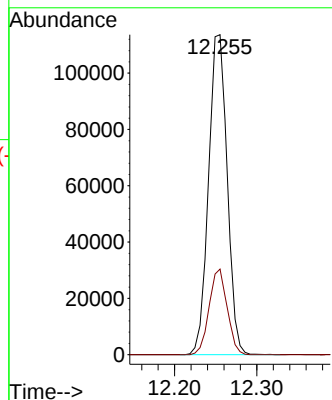
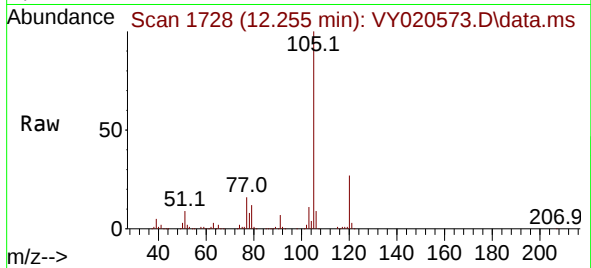




#73
Isopropylbenzene
Concen: 18.625 ug/l
RT: 12.255 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

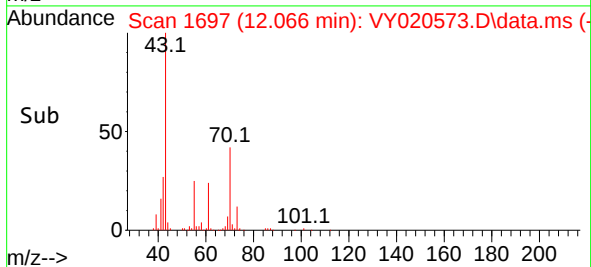
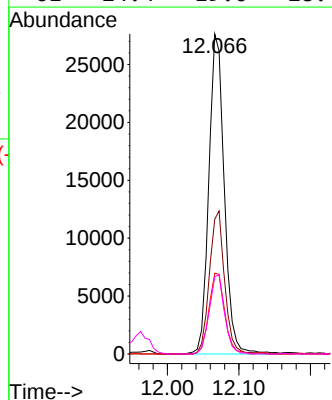
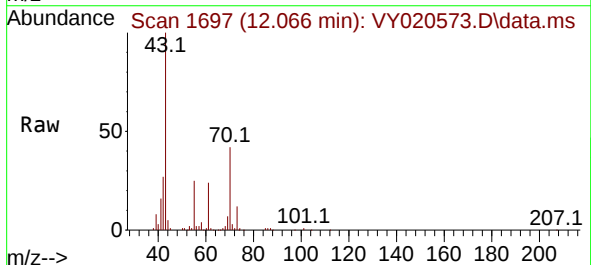
Instrument :
MSVOA_Y
ClientSampleId :

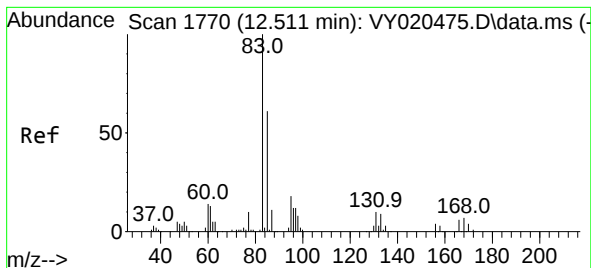
Tgt Ion:105 Resp: 178907
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#74
N-ethyl acetate
Concen: 22.023 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 43 Resp: 41462
Ion Ratio Lower Upper
43 100
70 44.1 32.9 49.3
55 25.8 19.3 28.9
61 24.4 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 22.566 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

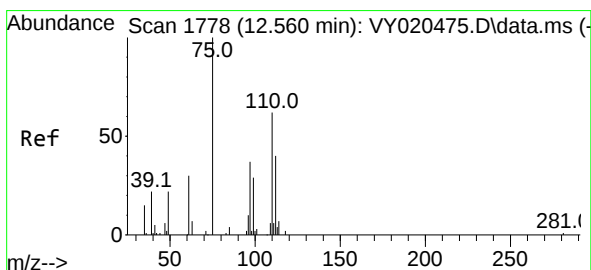
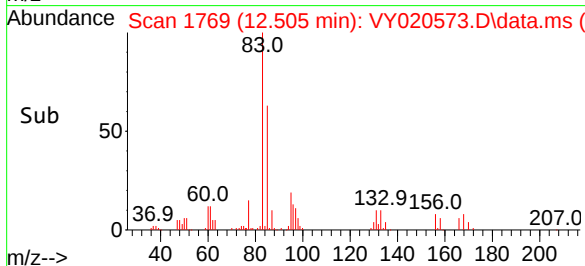
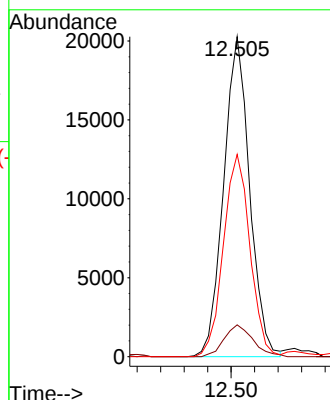
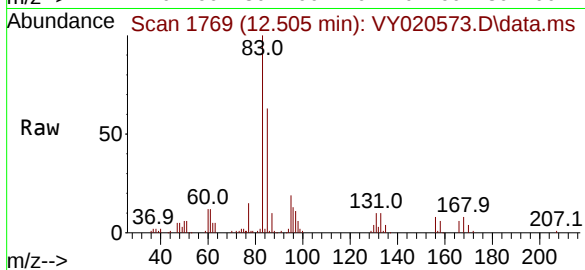
Tgt Ion: 83 Resp: 31172

Ion Ratio Lower Upper

83 100

131 11.0 4.8 14.4

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.710 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020573.D

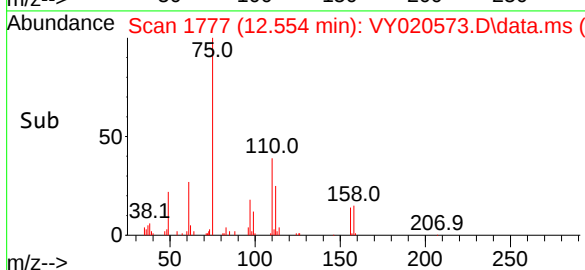
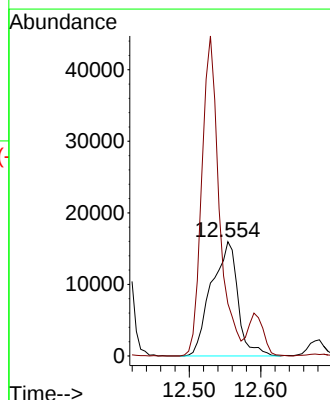
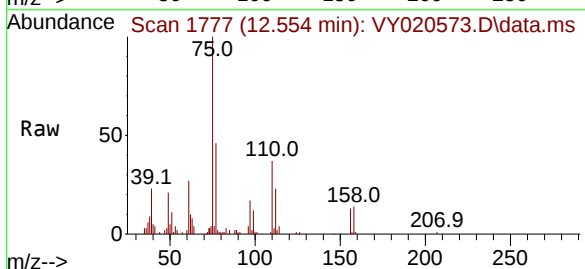
Acq: 10 Dec 2024 16:56

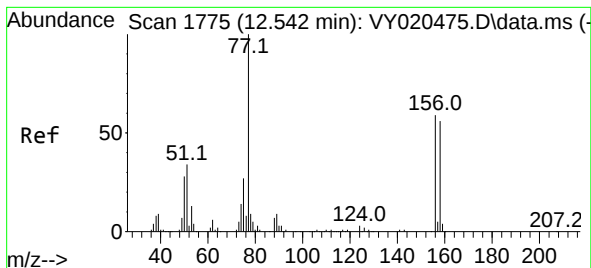
Tgt Ion: 75 Resp: 41171

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.292 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY020573.D

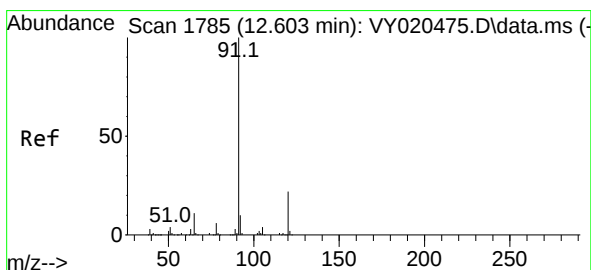
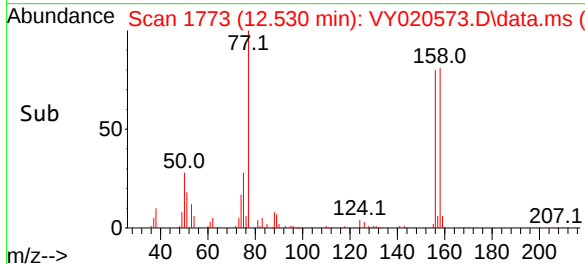
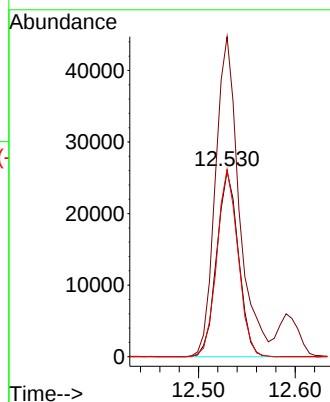
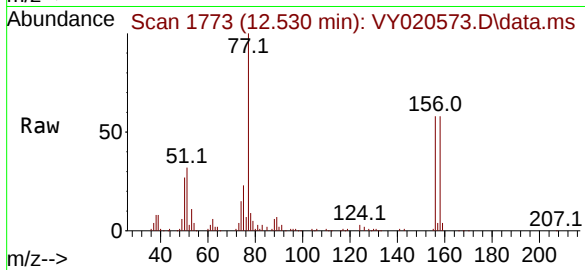
Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	40365
Ion Ratio	Lower	Upper	
156	100		
77	189.0	97.2	291.6
158	98.6	47.8	143.4



#78

n-propylbenzene

Concen: 18.817 ug/l

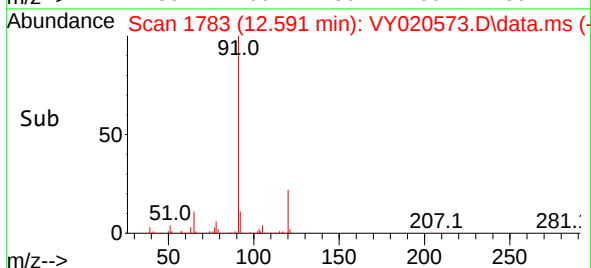
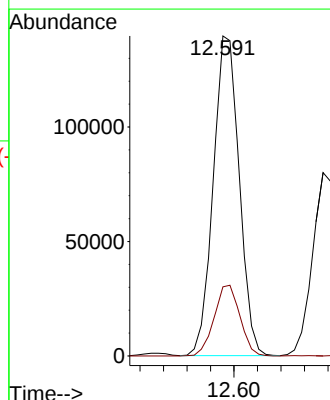
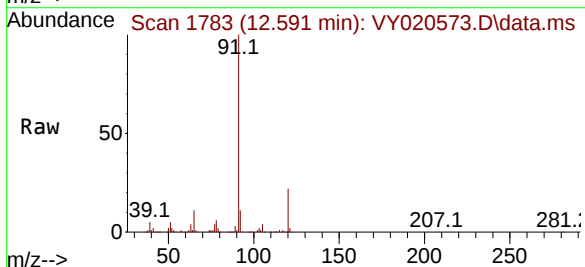
RT: 12.591 min Scan# 1783

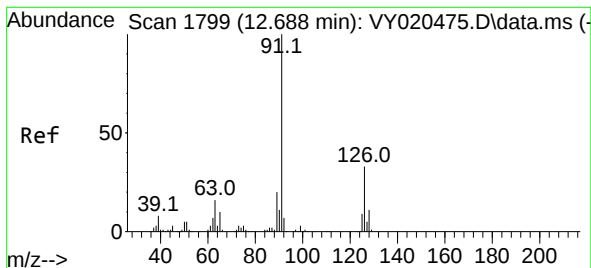
Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Tgt Ion:	91	Resp:	214004
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.9	32.6





#79

2-Chlorotoluene

Concen: 19.271 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

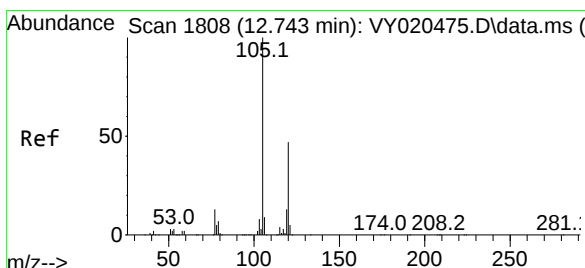
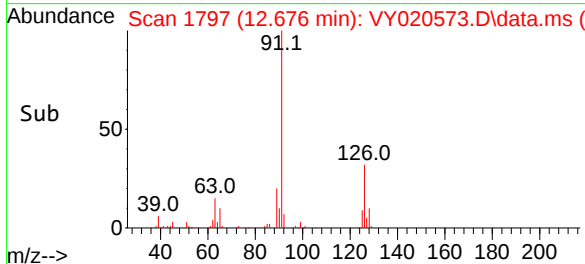
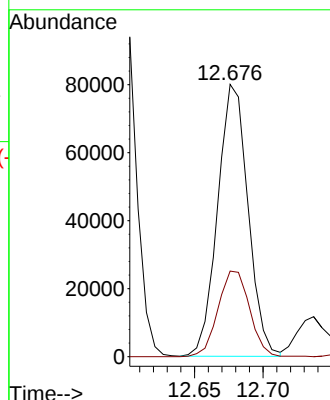
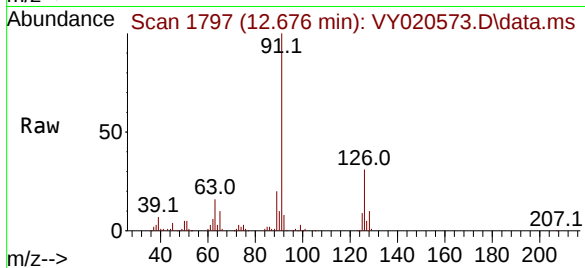
ClientSampleId :

Tgt Ion: 91 Resp: 123670

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.209 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020573.D

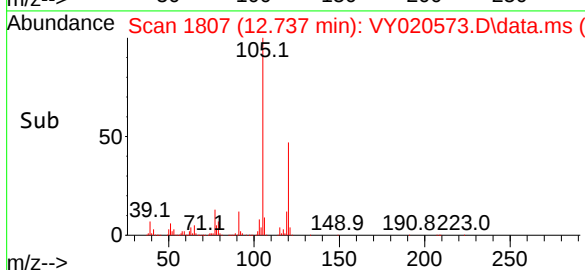
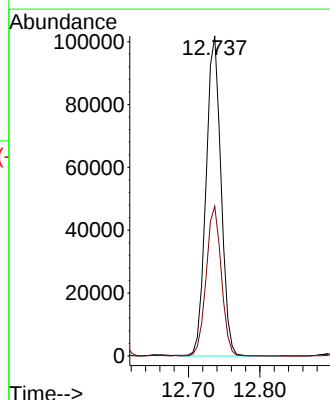
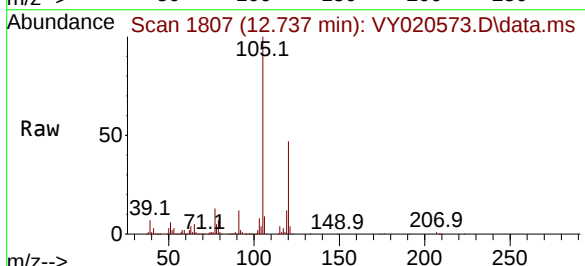
Acq: 10 Dec 2024 16:56

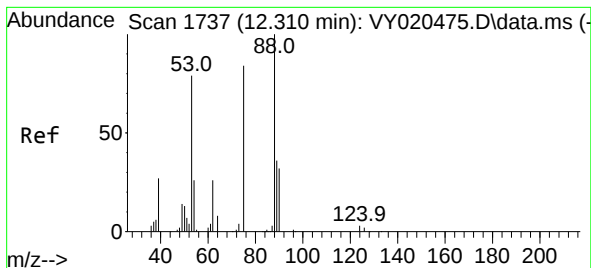
Tgt Ion: 105 Resp: 147867

Ion Ratio Lower Upper

105 100

120 47.3 24.3 72.8

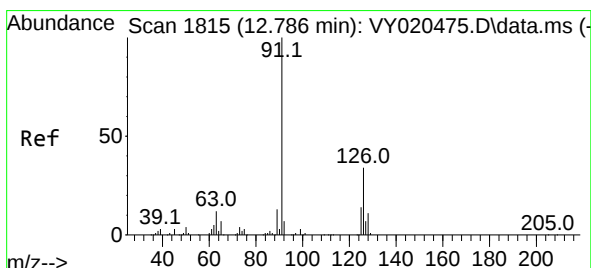
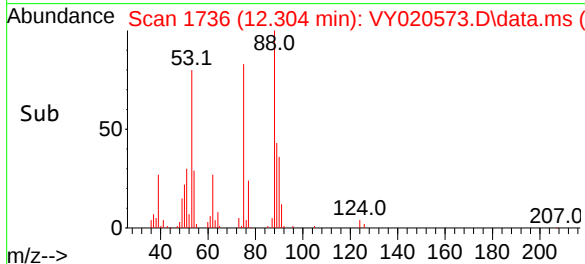
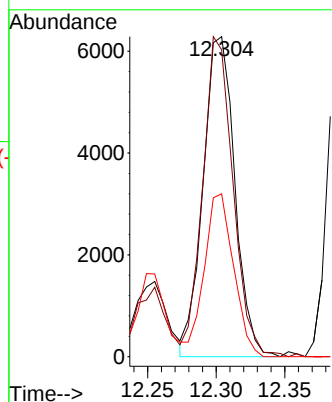
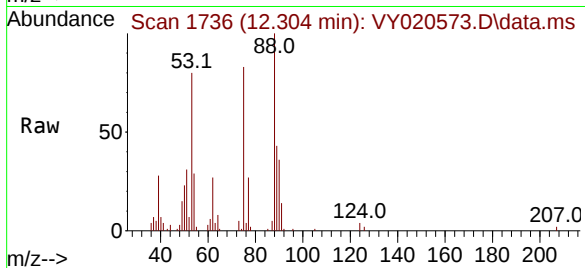




#81
trans-1,4-Dichloro-2-butene
Concen: 20.500 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

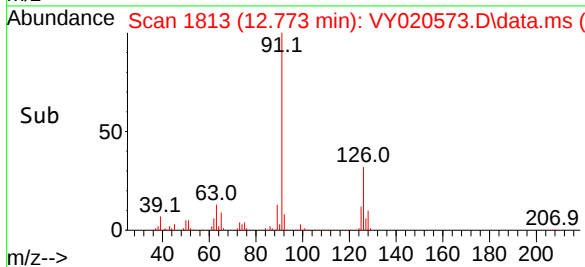
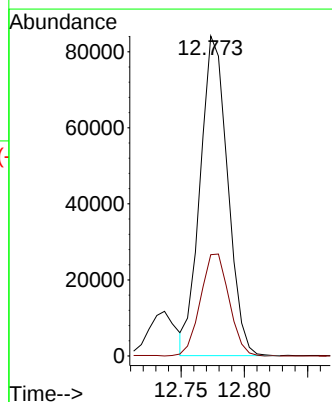
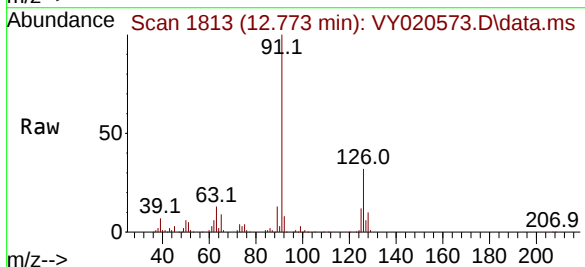
Instrument :
MSVOA_Y
ClientSampleId :

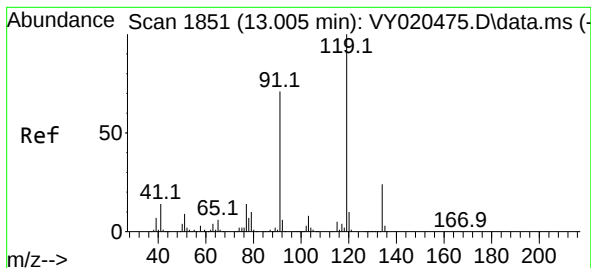
Tgt Ion: 75 Resp: 10104
Ion Ratio Lower Upper
75 100
53 95.9 81.1 121.7
89 46.7 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.348 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 91 Resp: 126703
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8





#83

tert-Butylbenzene

Concen: 19.107 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

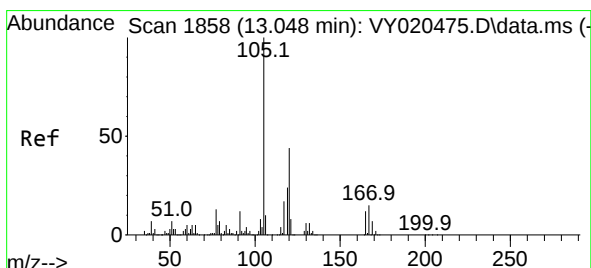
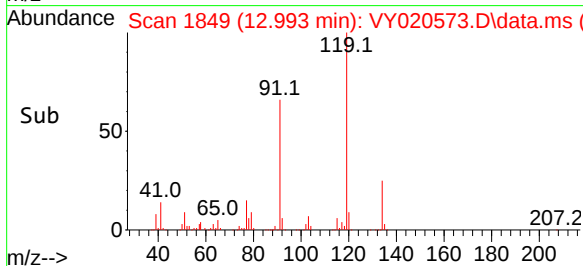
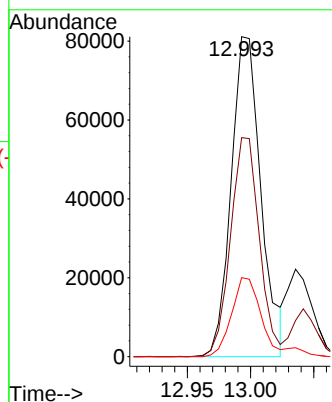
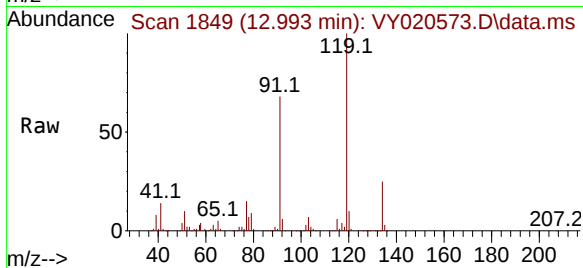
Tgt Ion:119 Resp: 132972

Ion Ratio Lower Upper

119 100

91 66.4 33.3 99.9

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.579 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020573.D

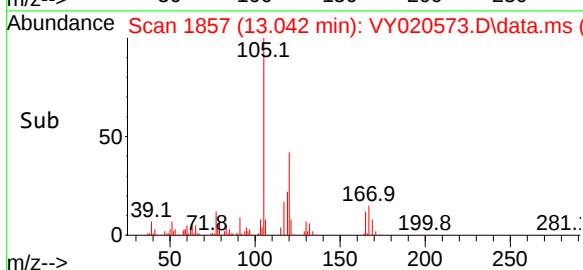
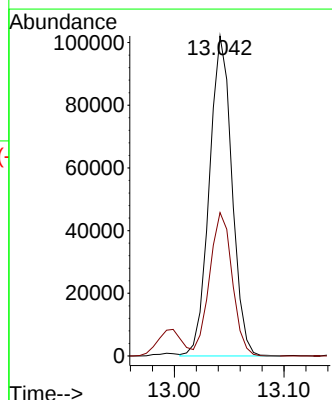
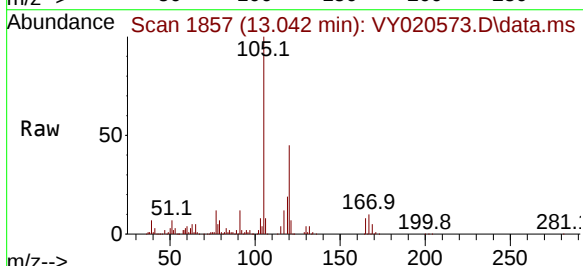
Acq: 10 Dec 2024 16:56

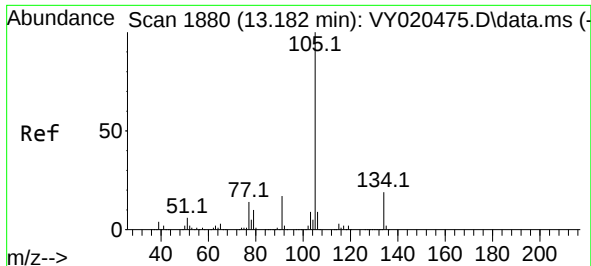
Tgt Ion:105 Resp: 146488

Ion Ratio Lower Upper

105 100

120 44.7 22.0 66.0

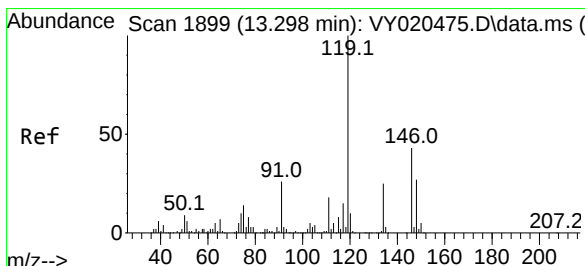
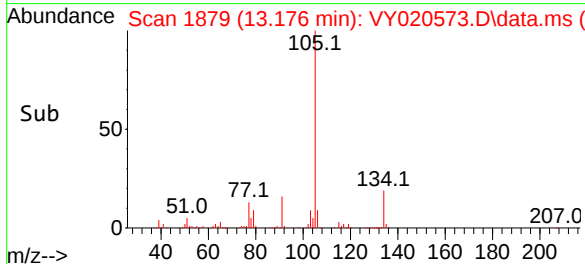
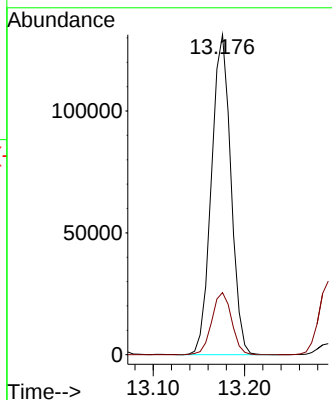
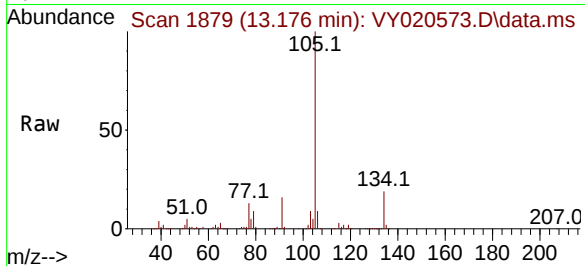




#85
sec-Butylbenzene
Concen: 19.439 ug/l
RT: 13.176 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

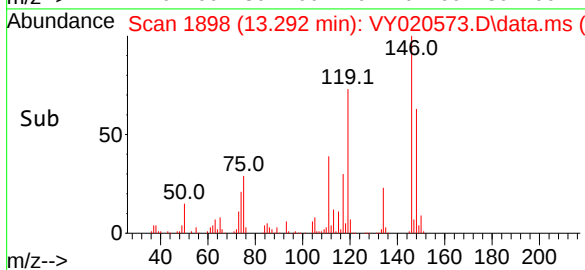
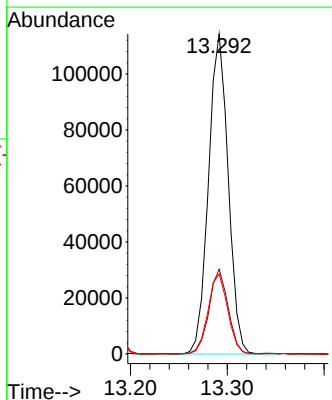
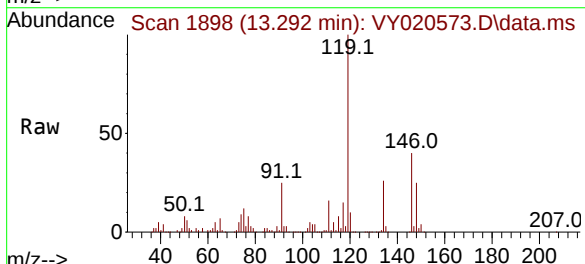
Instrument :
MSVOA_Y
ClientSampleId :

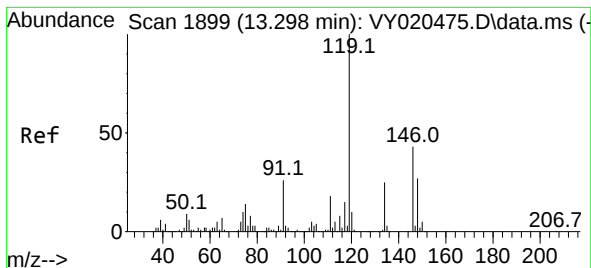
Tgt Ion:105 Resp: 193881
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5



#86
p-Isopropyltoluene
Concen: 19.601 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion:119 Resp: 161550
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.4
91 25.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 21.221 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

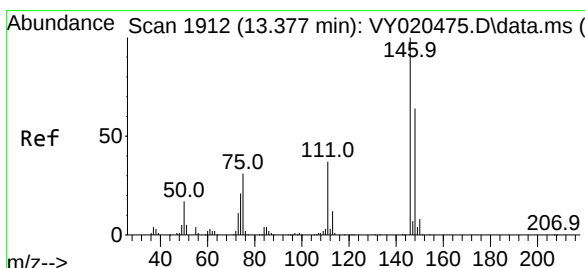
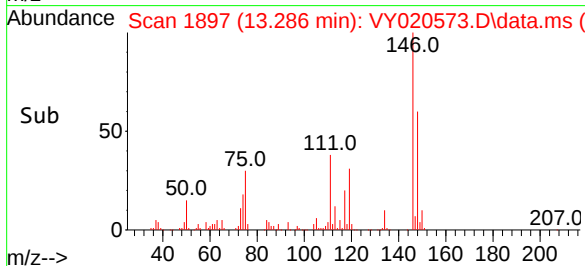
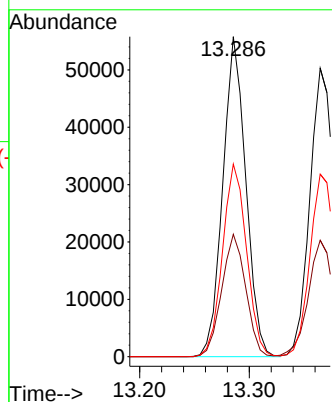
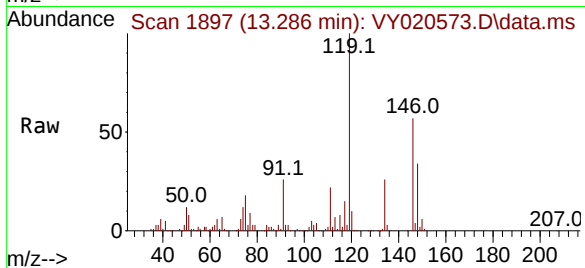
Tgt Ion:146 Resp: 81410

Ion Ratio Lower Upper

146 100

111 39.9 20.5 61.6

148 62.8 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 20.893 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

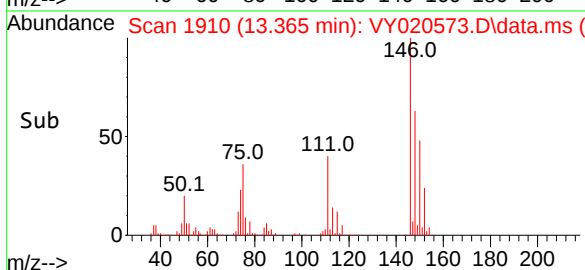
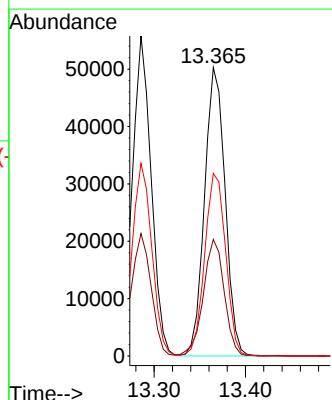
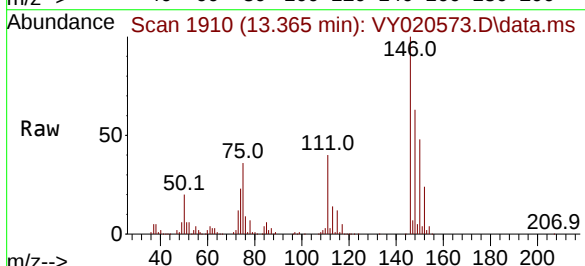
Tgt Ion:146 Resp: 78467

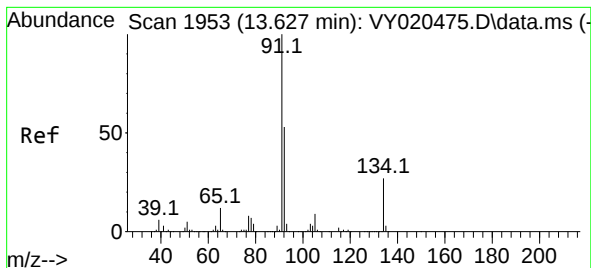
Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.6

148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.680 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

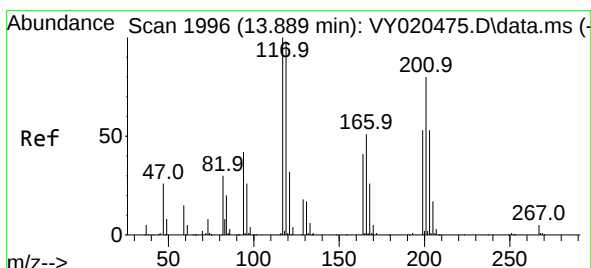
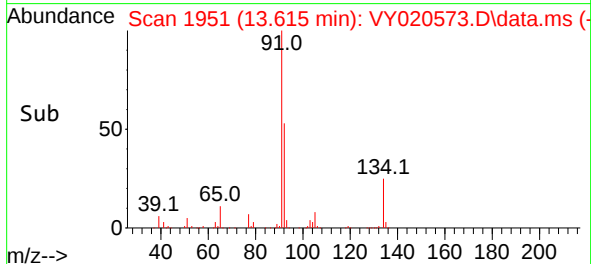
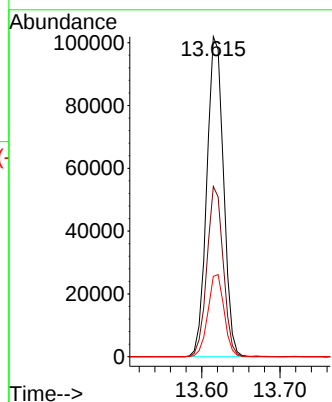
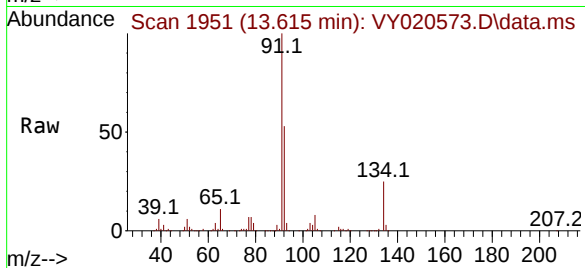
Tgt Ion: 91 Resp: 150438

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 25.0 12.2 36.4



#90

Hexachloroethane

Concen: 19.998 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020573.D

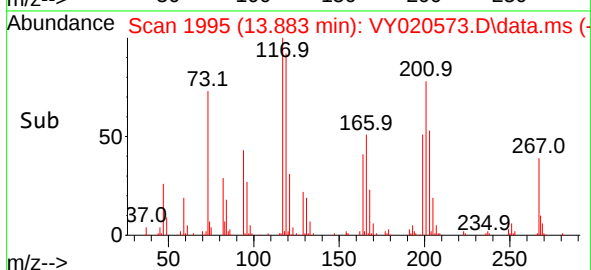
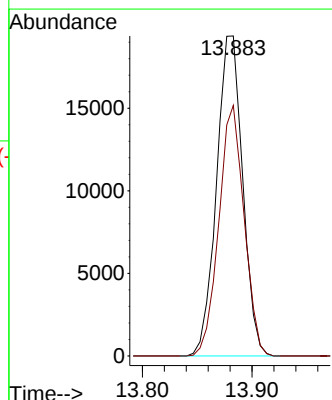
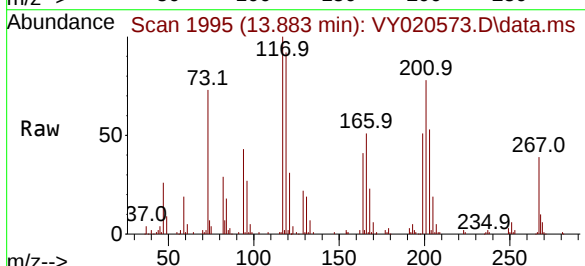
Acq: 10 Dec 2024 16:56

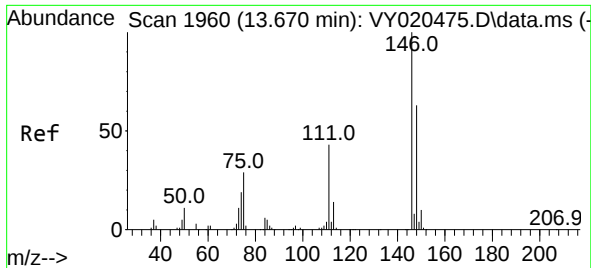
Tgt Ion: 117 Resp: 32121

Ion Ratio Lower Upper

117 100

201 75.5 37.1 111.3

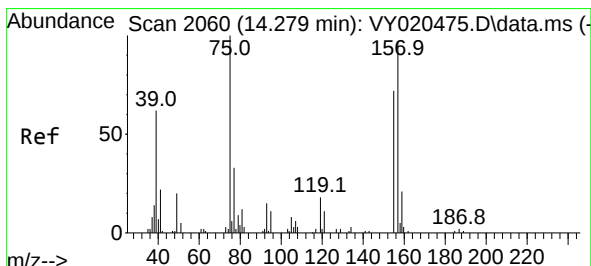
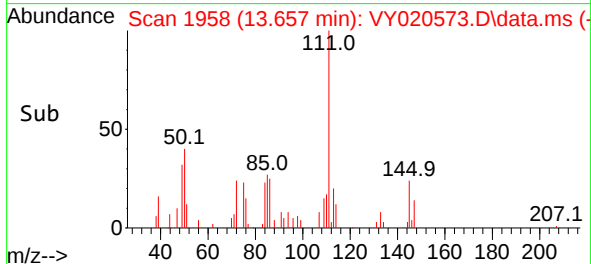
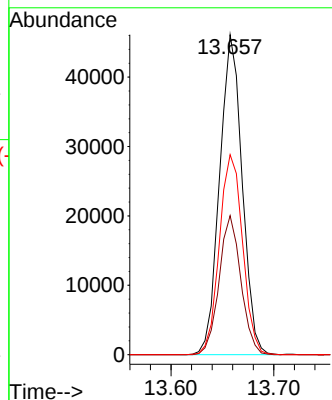
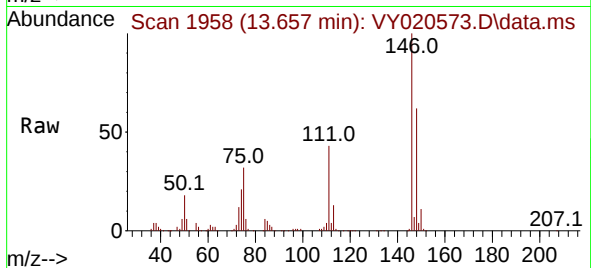




#91
1,2-Dichlorobenzene
Concen: 21.564 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

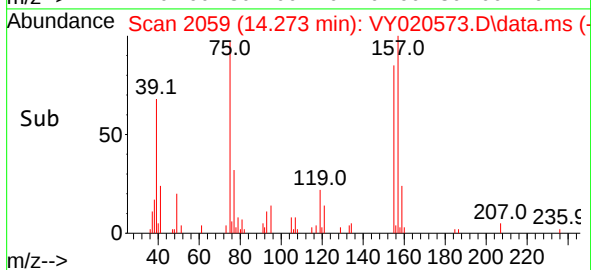
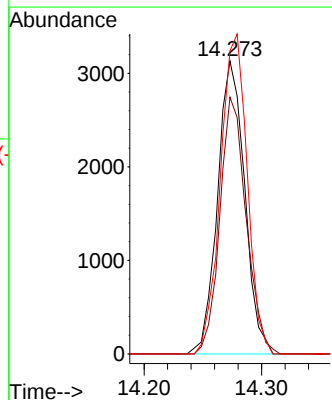
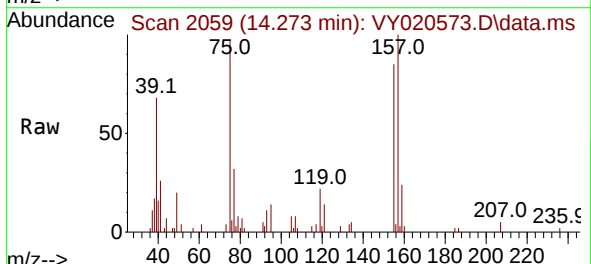
Instrument :
MSVOA_Y
ClientSampleId :

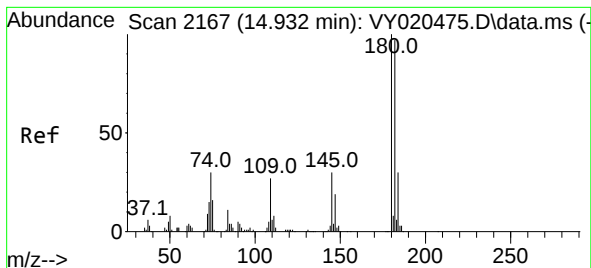
Tgt Ion:146 Resp: 70155
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.5
148 64.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.005 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY020573.D
Acq: 10 Dec 2024 16:56

Tgt Ion: 75 Resp: 5020
Ion Ratio Lower Upper
75 100
155 85.0 39.7 119.1
157 107.9 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 22.591 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

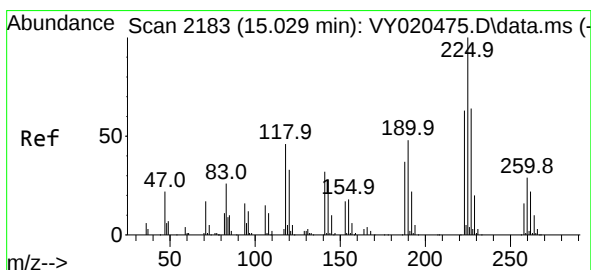
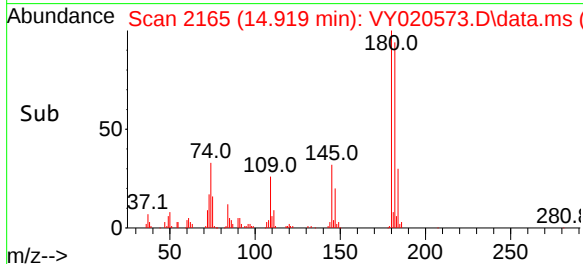
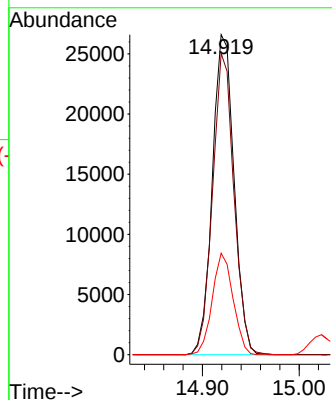
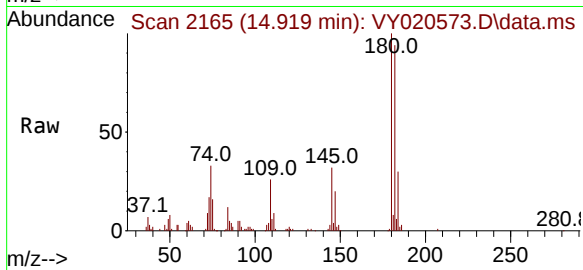
Tgt Ion:180 Resp: 41327

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.8

145 30.4 15.8 47.3



#94

Hexachlorobutadiene

Concen: 21.068 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

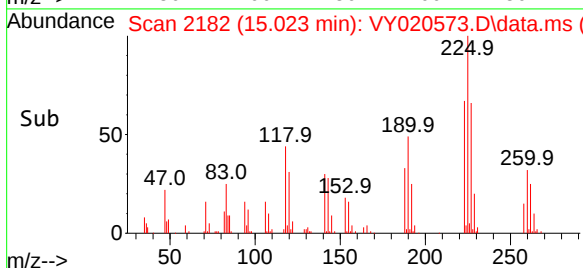
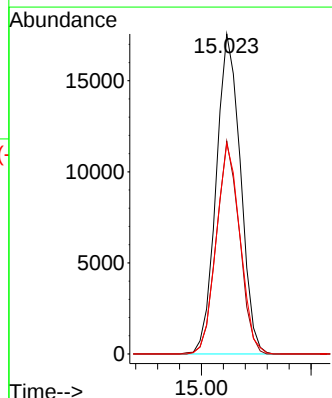
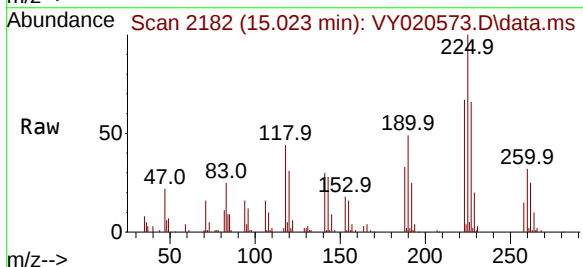
Tgt Ion:225 Resp: 26963

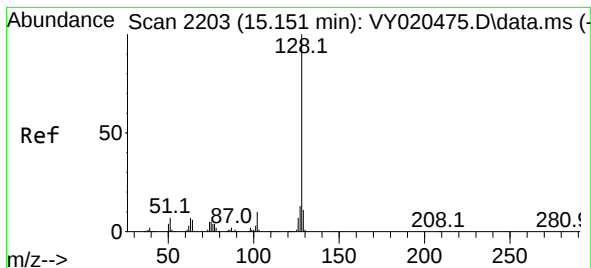
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.5

227 64.4 32.3 96.8





#95

Naphthalene

Concen: 24.010 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

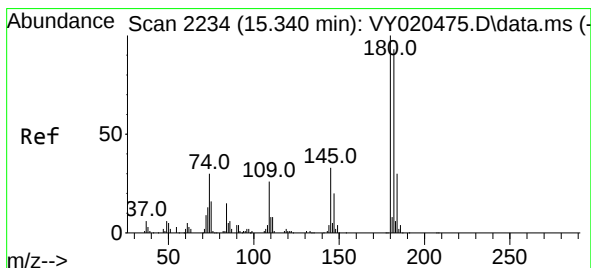
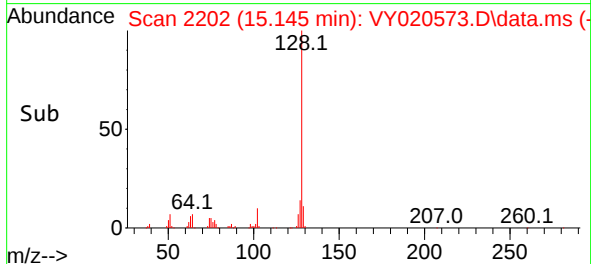
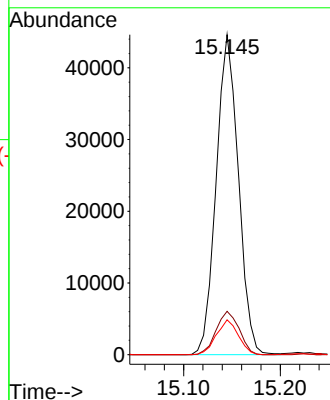
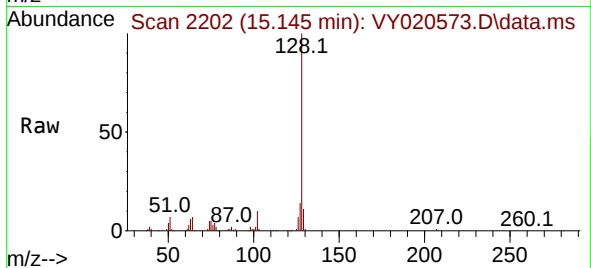
Tgt Ion:128 Resp: 71079

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.694 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020573.D

Acq: 10 Dec 2024 16:56

Tgt Ion:180 Resp: 34975

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.3

145 32.7 16.9 50.6

