

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021247.D
 Acq On : 20 Feb 2025 14:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:39:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	185084	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.634	114	287974	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	245962	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	116013	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	95366	50.290	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.580%	
35) Dibromofluoromethane	7.658	113	92770	50.267	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.127	98	339634	48.339	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	12.426	95	114707	49.973	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	68306	41.407	ug/l	96
3) Chloromethane	2.086	50	82880	50.915	ug/l	99
4) Vinyl Chloride	2.220	62	83761	51.123	ug/l	96
5) Bromomethane	2.623	94	48352	47.748	ug/l	98
6) Chloroethane	2.757	64	50853	52.140	ug/l	100
7) Trichlorofluoromethane	3.086	101	141061	47.257	ug/l	100
8) Diethyl Ether	3.476	74	48509	52.058	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.848	101	87799	46.866	ug/l	97
10) Methyl Iodide	4.037	142	116603	56.024	ug/l	95
11) Tert butyl alcohol	4.933	59	27963	217.601	ug/l	97
12) 1,1-Dichloroethene	3.818	96	82467	46.730	ug/l	90
13) Acrolein	3.683	56	31145	157.390	ug/l	95
14) Allyl chloride	4.415	41	151468	50.927	ug/l	95
15) Acrylonitrile	5.098	53	102409	263.919	ug/l	98
16) Acetone	3.909	43	74874	253.184	ug/l	95
17) Carbon Disulfide	4.141	76	230468	41.648	ug/l	99
18) Methyl Acetate	4.421	43	58577	56.425	ug/l	99
19) Methyl tert-butyl Ether	5.147	73	238476	53.465	ug/l	99
20) Methylene Chloride	4.647	84	91654	49.855	ug/l	92
21) trans-1,2-Dichloroethene	5.147	96	93086	47.920	ug/l	92
22) Diisopropyl ether	6.049	45	333223	54.355	ug/l	97
23) Vinyl Acetate	5.988	43	923149	270.125	ug/l	99
24) 1,1-Dichloroethane	5.951	63	182583	50.834	ug/l	98
25) 2-Butanone	6.927	43	126163	259.614	ug/l	100
26) 2,2-Dichloropropane	6.915	77	165826	49.896	ug/l	97
27) cis-1,2-Dichloroethene	6.921	96	112157	50.161	ug/l	92
28) Bromochloromethane	7.274	49	84983	59.836	ug/l	96
29) Tetrahydrofuran	7.293	42	86238	262.254	ug/l	94
30) Chloroform	7.445	83	190805	51.719	ug/l	99
31) Cyclohexane	7.725	56	144541	44.688	ug/l	96
32) 1,1,1-Trichloroethane	7.646	97	167997	48.978	ug/l	100
36) 1,1-Dichloropropene	7.860	75	130970	47.912	ug/l	99
37) Ethyl Acetate	7.012	43	63053	52.580	ug/l	99
38) Carbon Tetrachloride	7.841	117	150782	47.207	ug/l	98
39) Methylcyclohexane	9.128	83	156143	46.698	ug/l	97
40) Benzene	8.103	78	398704	49.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	38322	55.237	ug/l	94
42) 1,2-Dichloroethane	8.183	62	113239	50.887	ug/l	96
43) Isopropyl Acetate	8.219	43	128560	53.953	ug/l	96
44) Trichloroethene	8.884	130	98760	47.651	ug/l	99
45) 1,2-Dichloropropane	9.164	63	97955	51.446	ug/l	100
46) Dibromomethane	9.250	93	52562	49.859	ug/l	96
47) Bromodichloromethane	9.445	83	144299	51.037	ug/l	98
48) Methyl methacrylate	9.237	41	58550	53.944	ug/l	94
49) 1,4-Dioxane	9.262	88	9328	950.480	ug/l #	68
51) 4-Methyl-2-Pentanone	10.018	43	322814	269.407	ug/l	97
52) Toluene	10.188	92	249979	49.628	ug/l	100
53) t-1,3-Dichloropropene	10.414	75	132925	52.359	ug/l	100
54) cis-1,3-Dichloropropene	9.877	75	155197	51.630	ug/l	94
55) 1,1,2-Trichloroethane	10.591	97	69180	50.676	ug/l	98
56) Ethyl methacrylate	10.457	69	98203	53.772	ug/l	91
57) 1,3-Dichloropropane	10.737	76	124286	52.599	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.731	63	214908	247.351	ug/l	100
59) 2-Hexanone	10.780	43	208882	270.749	ug/l	96
60) Dibromochloromethane	10.932	129	96811	50.498	ug/l	99
61) 1,2-Dibromoethane	11.036	107	63524	49.679	ug/l	99
64) Tetrachloroethene	10.664	164	84373	46.209	ug/l	97
65) Chlorobenzene	11.463	112	270811	49.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.536	131	98920	50.825	ug/l	98
67) Ethyl Benzene	11.536	91	484643	50.030	ug/l	99
68) m/p-Xylenes	11.645	106	361045	99.629	ug/l	96
69) o-Xylene	11.975	106	170639	50.505	ug/l	98
70) Styrene	11.987	104	289372	51.387	ug/l	98
71) Bromoform	12.151	173	54240	50.067	ug/l #	97
73) Isopropylbenzene	12.273	105	463626	51.160	ug/l	99
74) N-amyl acetate	12.090	43	107904	54.462	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.523	83	77883	51.675	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	102056	96.976	ug/l #	100
77) Bromobenzene	12.548	156	104061	49.760	ug/l	95
78) n-propylbenzene	12.615	91	549460	50.898	ug/l	99
79) 2-Chlorotoluene	12.694	91	314055	50.794	ug/l	99
80) 1,3,5-Trimethylbenzene	12.755	105	372424	50.688	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.322	75	25986	50.385	ug/l	93
82) 4-Chlorotoluene	12.798	91	323012	51.276	ug/l	99
83) tert-Butylbenzene	13.017	119	339870	50.891	ug/l	97
84) 1,2,4-Trimethylbenzene	13.060	105	366859	51.066	ug/l	100
85) sec-Butylbenzene	13.194	105	486259	50.581	ug/l	98
86) p-Isopropyltoluene	13.310	119	404618	50.668	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	197446	48.898	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	194091	48.818	ug/l	99
89) n-Butylbenzene	13.633	91	379096	52.037	ug/l	99
90) Hexachloroethane	13.901	117	83728	50.259	ug/l	88
91) 1,2-Dichlorobenzene	13.676	146	171920	49.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	11444	50.811	ug/l	95
93) 1,2,4-Trichlorobenzene	14.938	180	98831	50.661	ug/l	99
94) Hexachlorobutadiene	15.041	225	64101	49.584	ug/l	98
95) Naphthalene	15.163	128	166223	53.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	82093	50.566	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

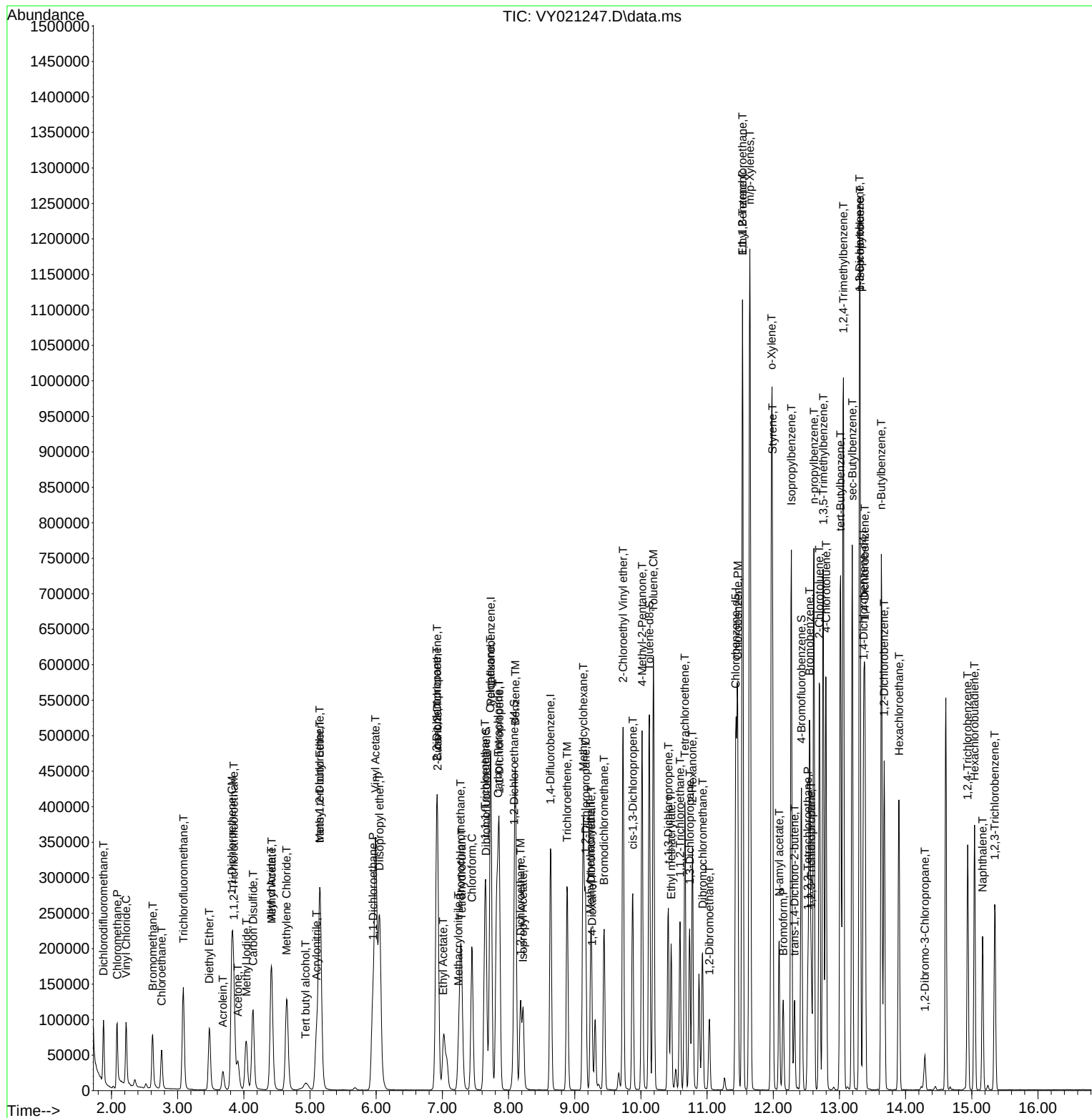
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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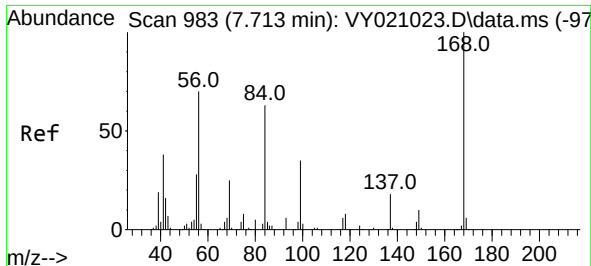
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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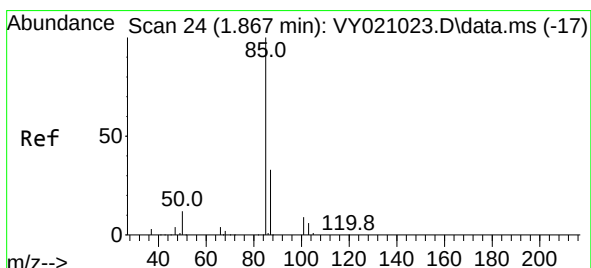
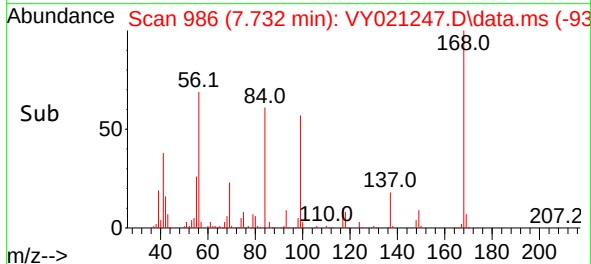
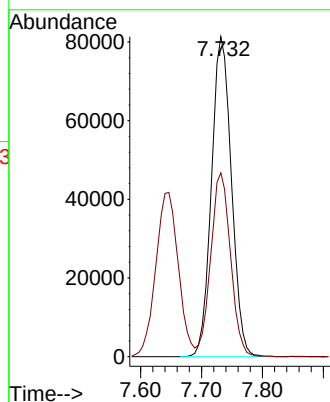
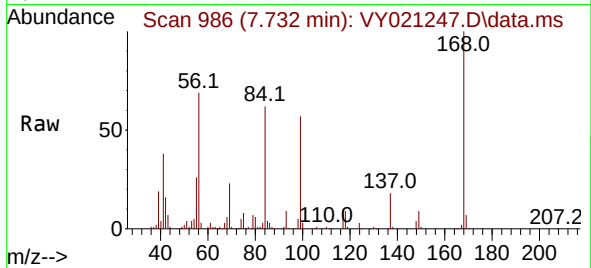




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY021247.D
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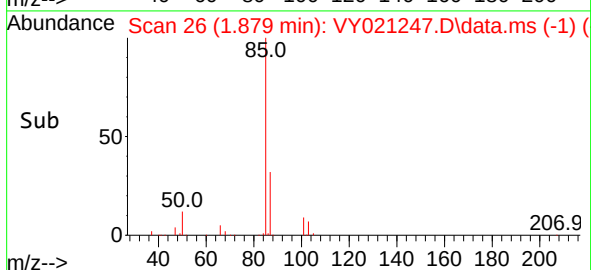
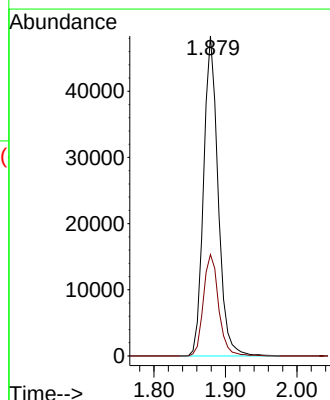
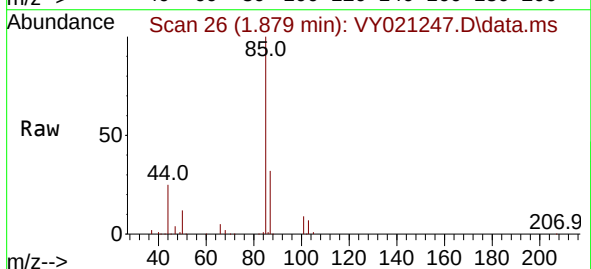
Instrument :
MSVOA_Y
ClientSampleId :

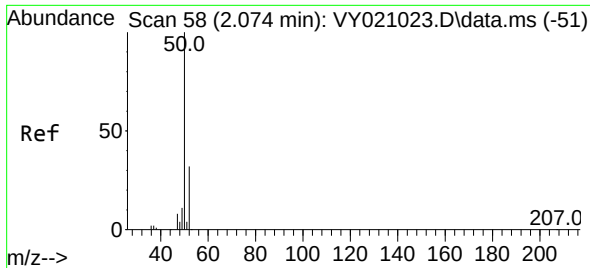
Tgt Ion:168 Resp: 185084
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 41.407 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

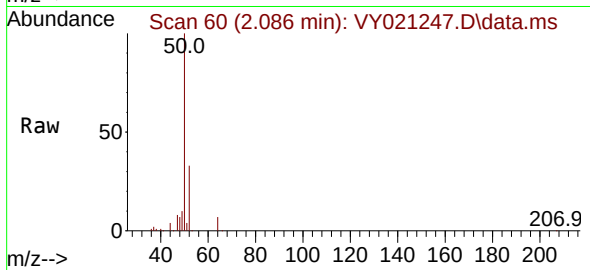
Tgt Ion: 85 Resp: 68306
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3



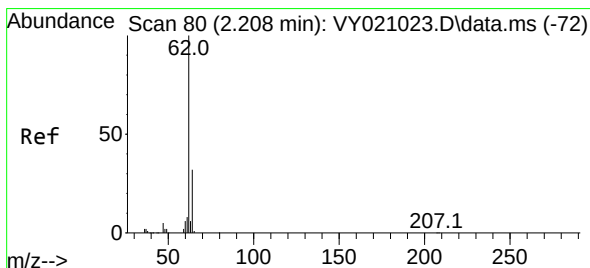
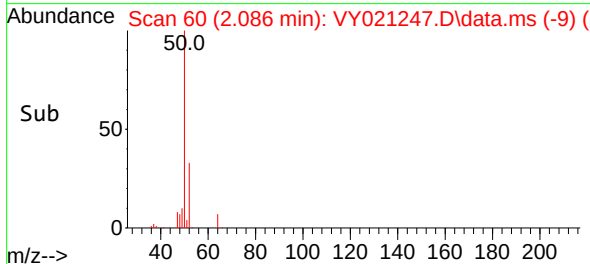
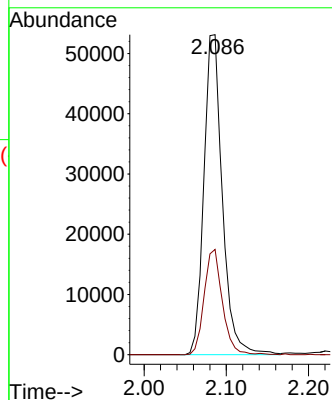


#3
Chloromethane
Concen: 50.915 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Instrument :
MSVOA_Y
ClientSampleId :

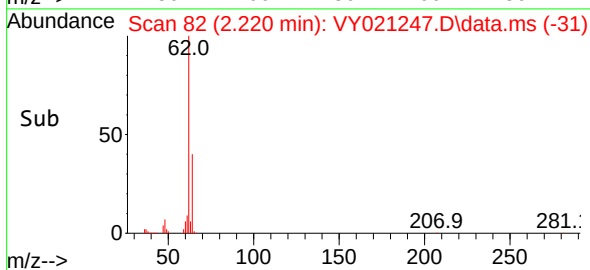
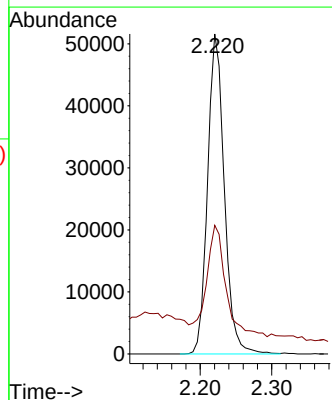
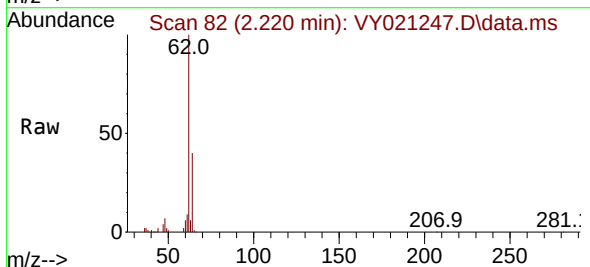


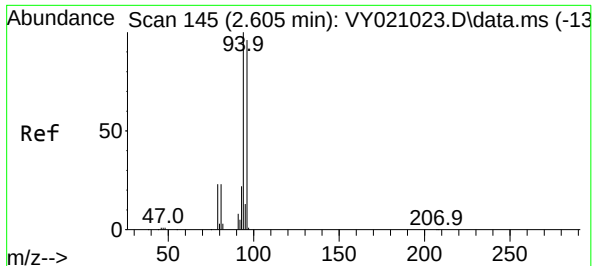
Tgt Ion: 50 Resp: 82880
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 51.123 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 62 Resp: 83761
Ion Ratio Lower Upper
62 100
64 34.5 25.7 38.5

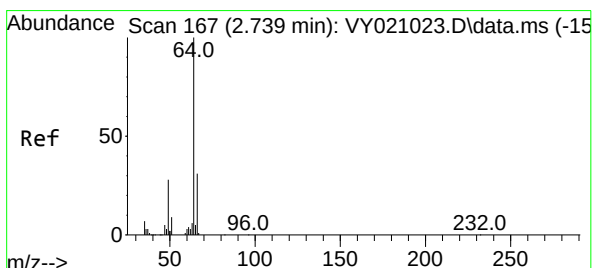
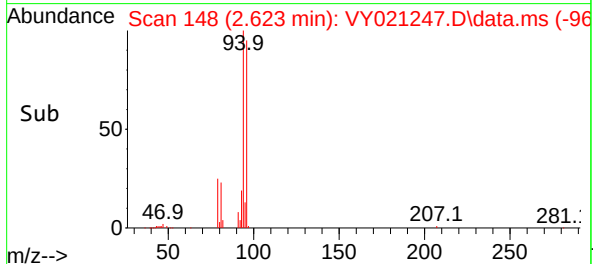
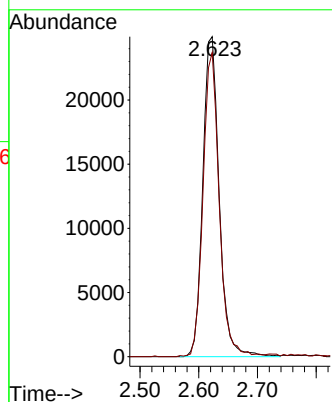
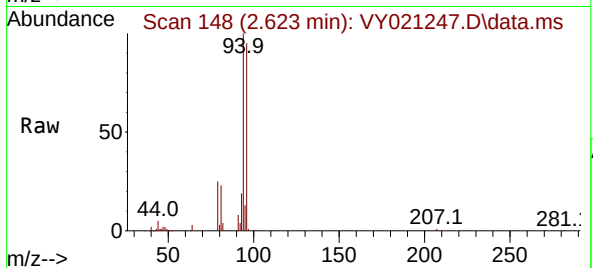




#5
Bromomethane
Concen: 47.748 ug/l
RT: 2.623 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

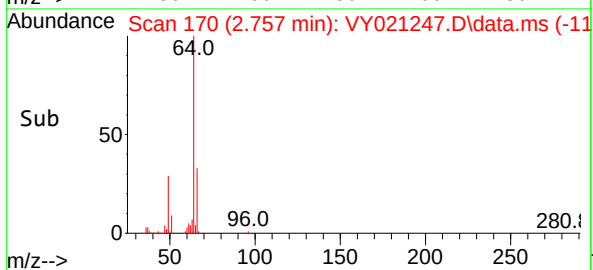
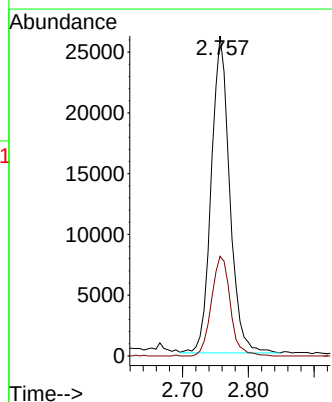
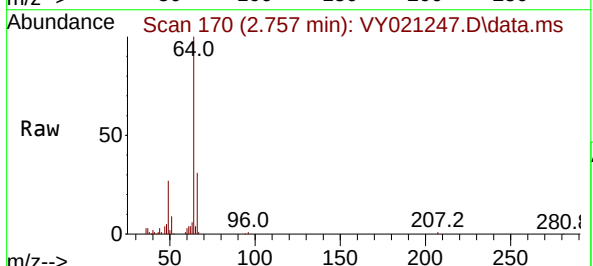
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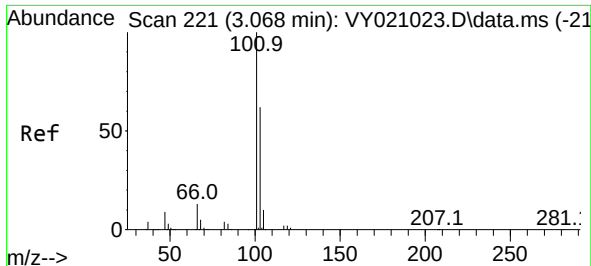
Tgt Ion: 94 Resp: 48352
Ion Ratio Lower Upper
94 100
96 94.8 77.3 115.9



#6
Chloroethane
Concen: 52.140 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 64 Resp: 50853
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

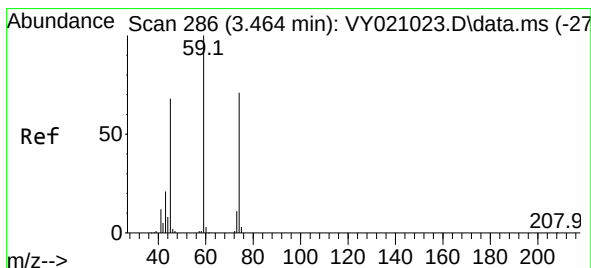
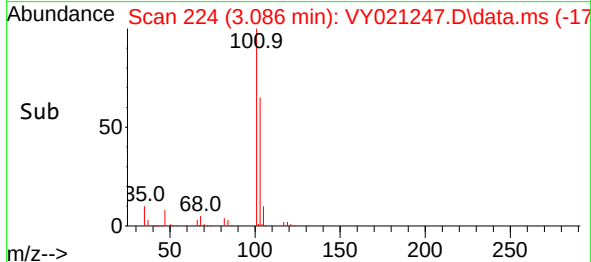
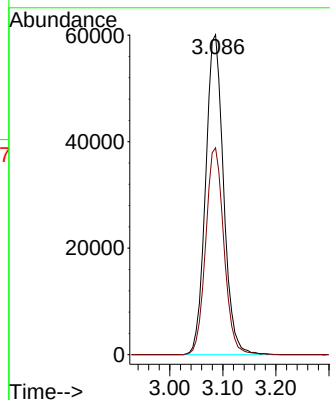
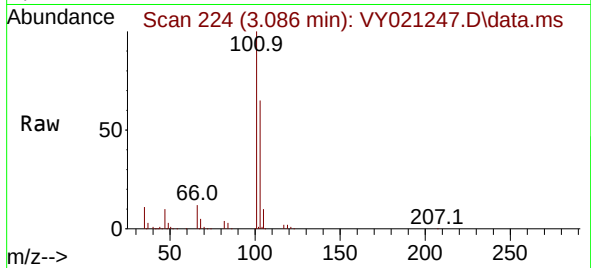




#7
Trichlorofluoromethane
Concen: 47.257 ug/l
RT: 3.086 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

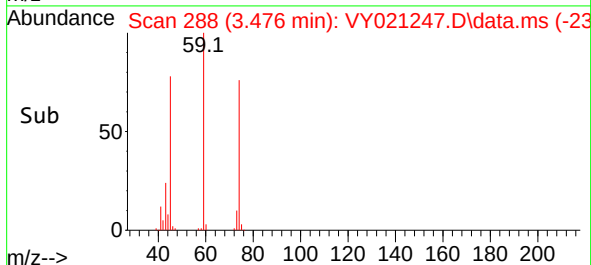
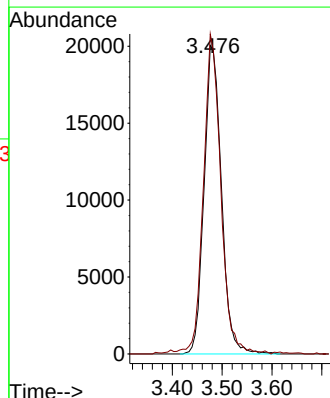
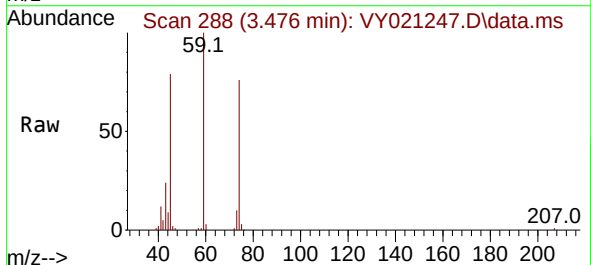
Instrument :
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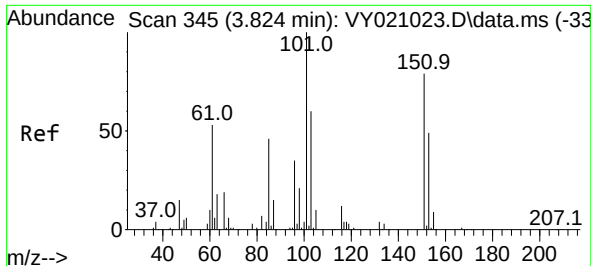
Tgt Ion:101 Resp: 141061
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 52.058 ug/l
RT: 3.476 min Scan# 288
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 74 Resp: 48509
Ion Ratio Lower Upper
74 100
45 104.0 47.9 143.7

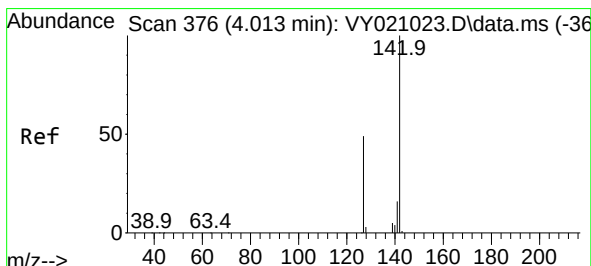
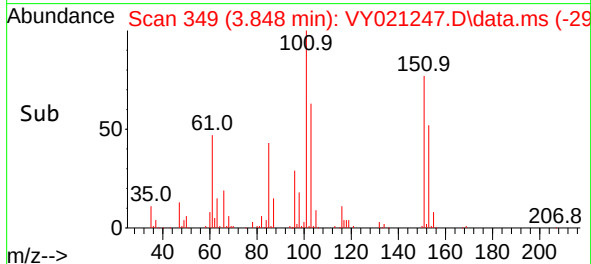
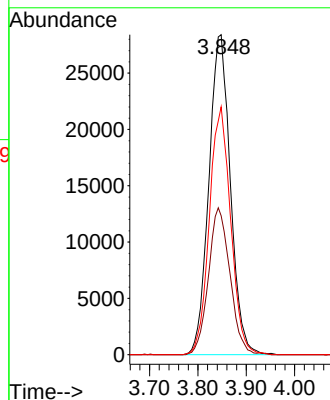
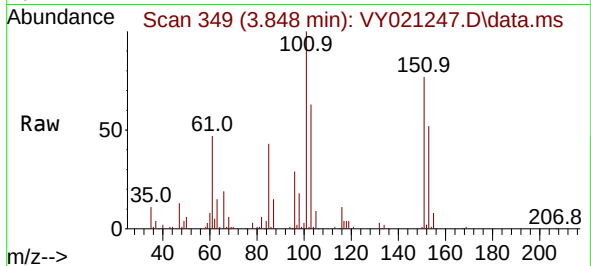




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.866 ug/l
RT: 3.848 min Scan# 34
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

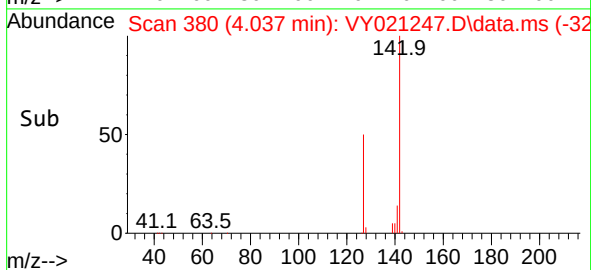
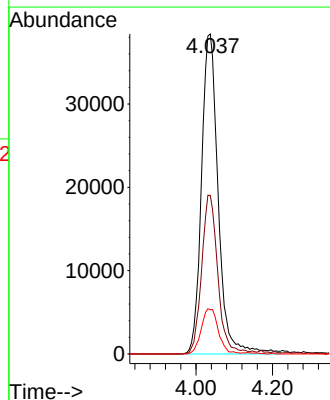
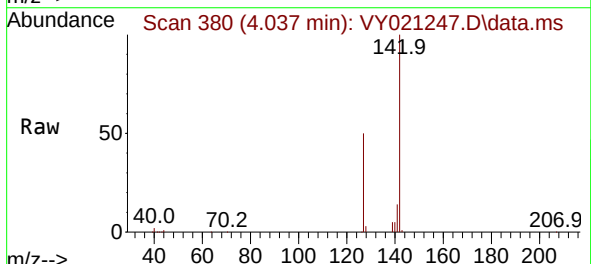
Instrument :
MSVOA_Y
ClientSampleId :

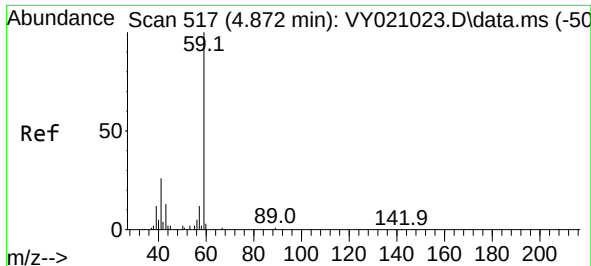
Tgt Ion:101 Resp: 87799
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 76.9 58.6 88.0



#10
Methyl Iodide
Concen: 56.024 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

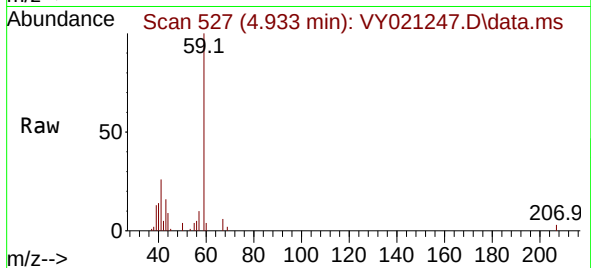
Tgt Ion:142 Resp: 116603
Ion Ratio Lower Upper
142 100
127 47.9 35.1 52.7
141 14.4 11.8 17.6



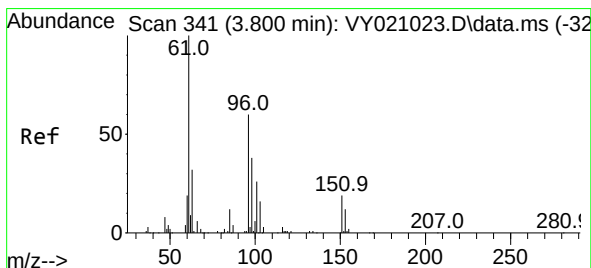
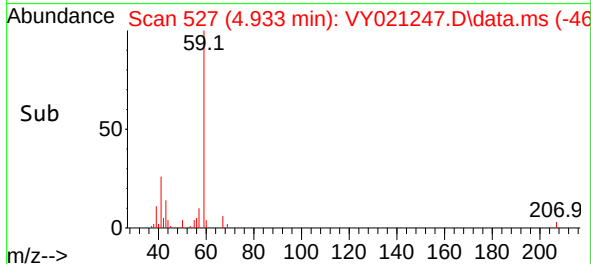
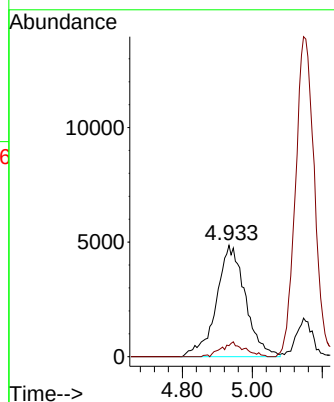


#11
Tert butyl alcohol
Concen: 217.601 ug/l
RT: 4.933 min Scan# 517
Delta R.T. 0.061 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Instrument :
MSVOA_Y
ClientSampleId :

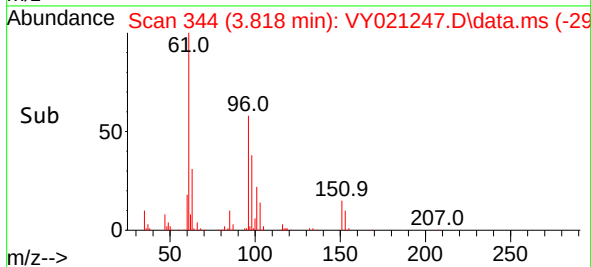
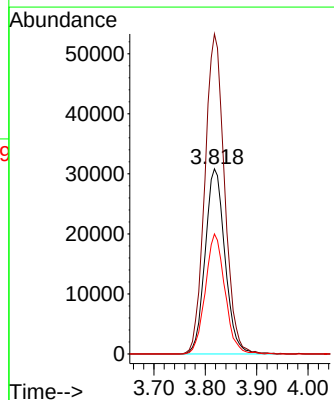
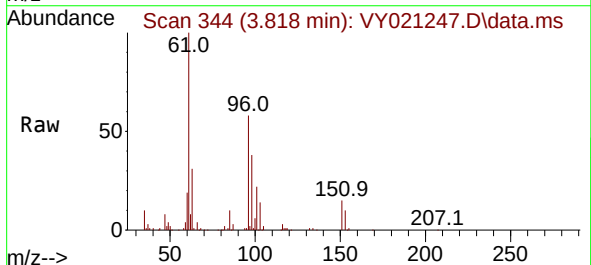


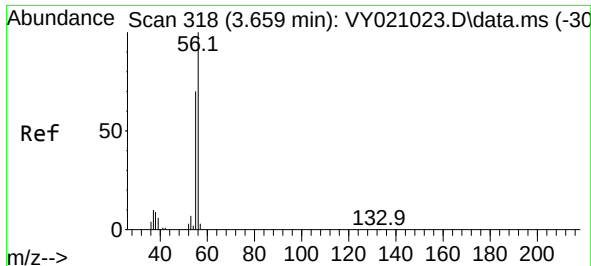
Tgt Ion: 59 Resp: 27963
Ion Ratio Lower Upper
59 100
57 10.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 46.730 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 96 Resp: 82467
Ion Ratio Lower Upper
96 100
61 172.8 124.2 186.2
98 64.8 52.6 79.0





#13

Acrolein

Concen: 157.390 ug/l

RT: 3.683 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

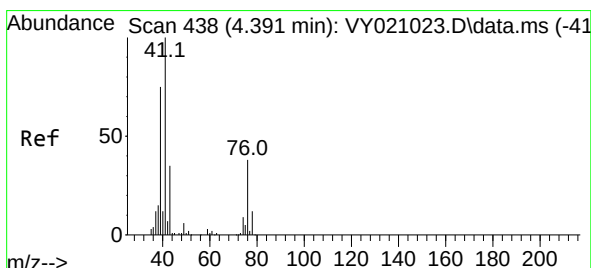
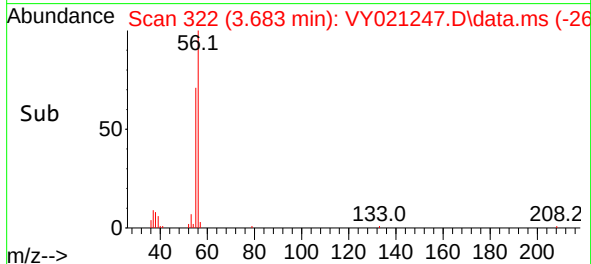
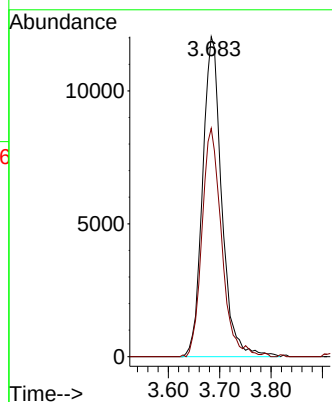
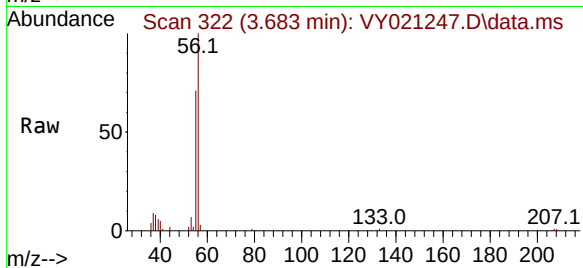
ClientSampleId :

Tgt Ion: 56 Resp: 31145

Ion Ratio Lower Upper

56 100

55 73.1 55.4 83.0



#14

Allyl chloride

Concen: 50.927 ug/l

RT: 4.415 min Scan# 442

Delta R.T. 0.024 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

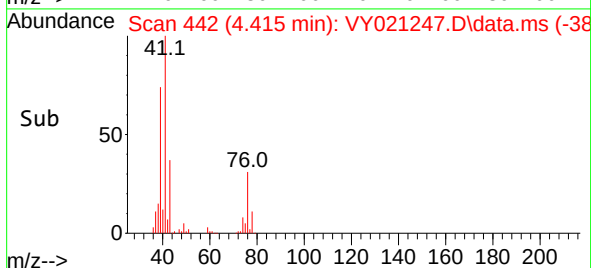
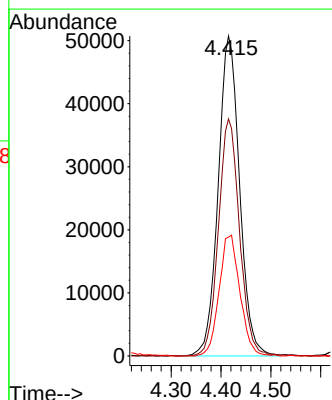
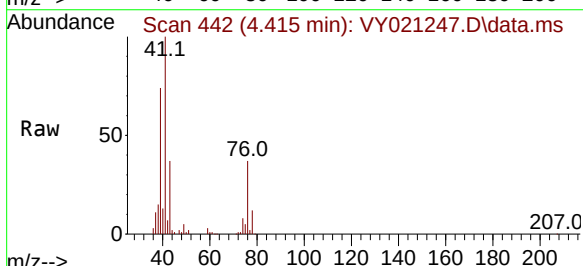
Tgt Ion: 41 Resp: 151468

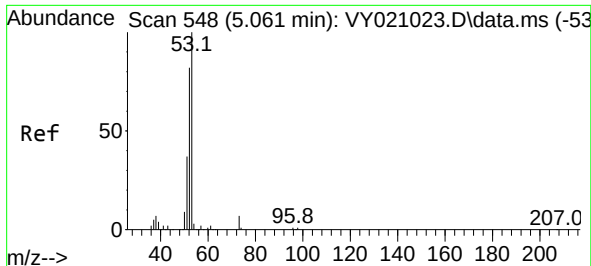
Ion Ratio Lower Upper

41 100

39 73.0 54.7 82.1

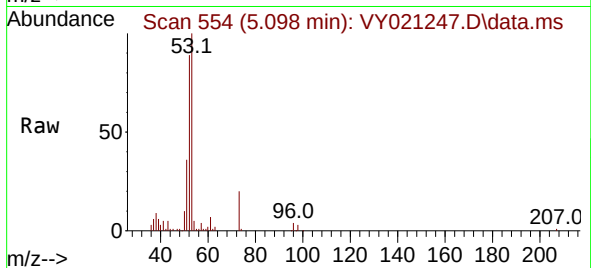
76 36.7 31.8 47.6



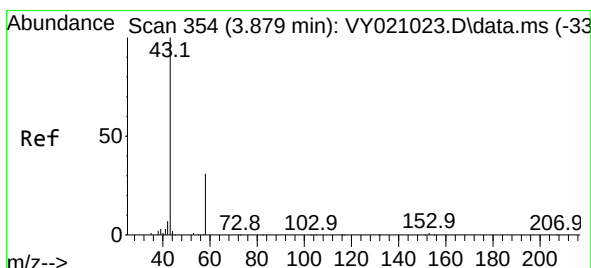
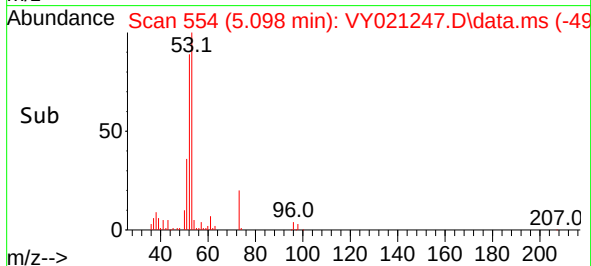
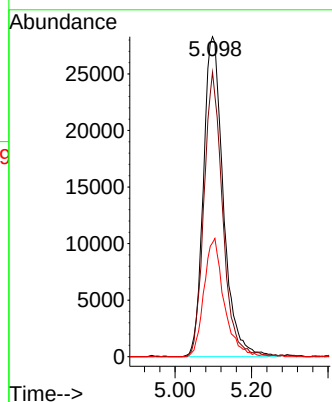


#15
Acrylonitrile
Concen: 263.919 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.036 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Instrument :
MSVOA_Y
ClientSampleId :

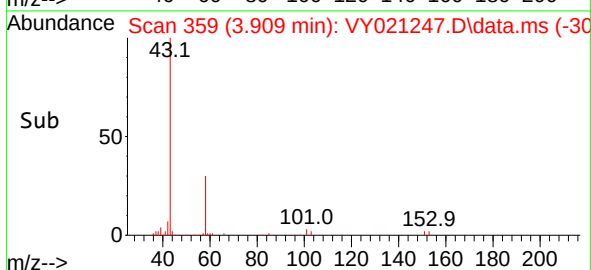
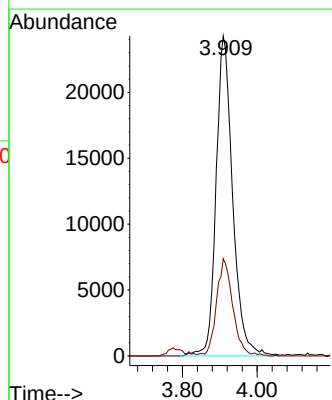
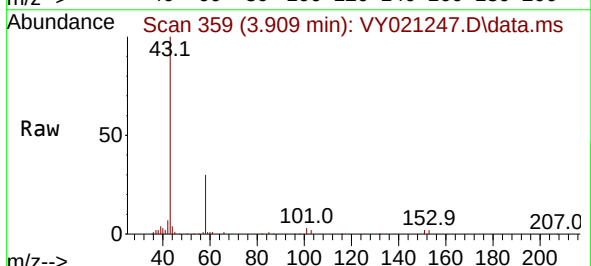


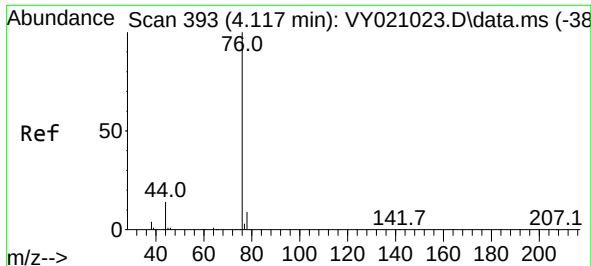
Tgt Ion: 53 Resp: 102409
Ion Ratio Lower Upper
53 100
52 83.1 65.1 97.7
51 37.1 29.0 43.4



#16
Acetone
Concen: 253.184 ug/l
RT: 3.909 min Scan# 359
Delta R.T. 0.030 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 43 Resp: 74874
Ion Ratio Lower Upper
43 100
58 30.4 26.6 39.8

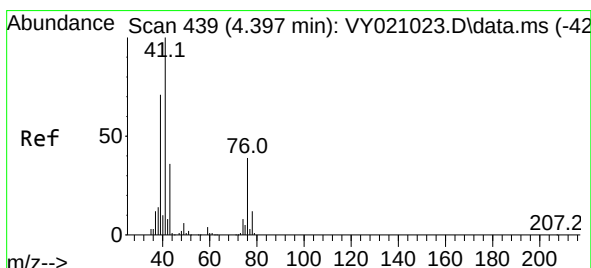
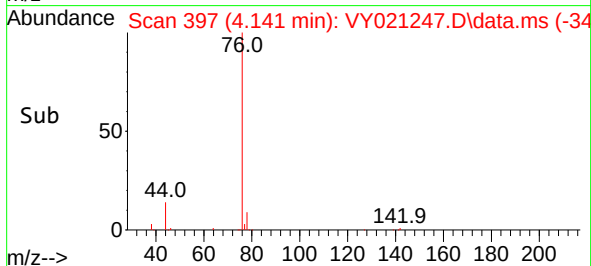
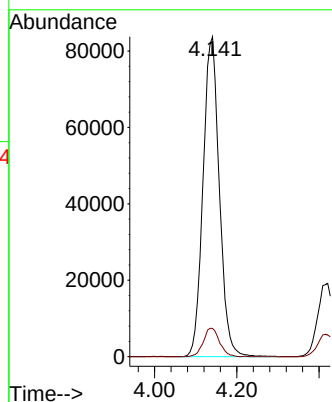
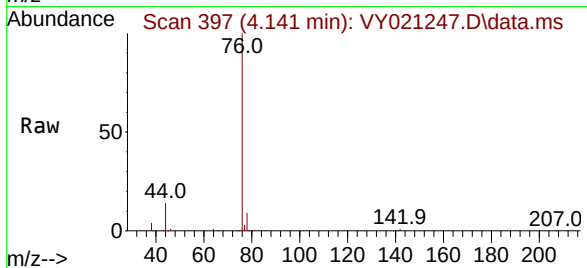




#17
Carbon Disulfide
Concen: 41.648 ug/l
RT: 4.141 min Scan# 397
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

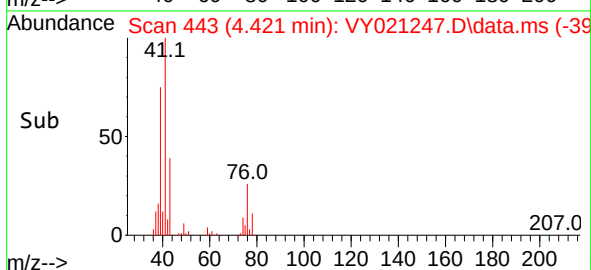
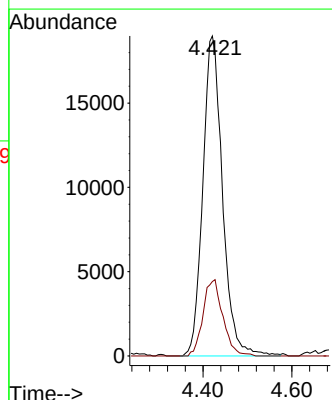
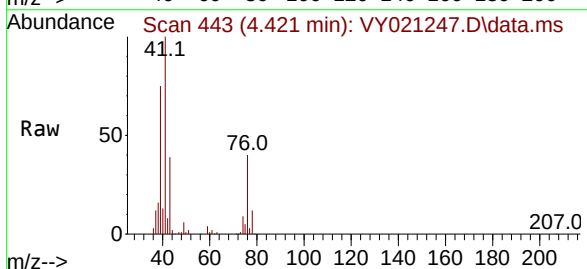
Instrument :
MSVOA_Y
ClientSampleId :

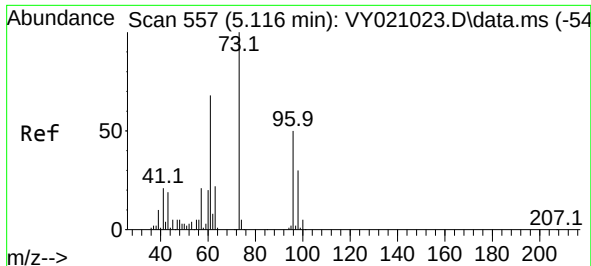
Tgt Ion: 76 Resp: 230468
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 56.425 ug/l
RT: 4.421 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 43 Resp: 58577
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6

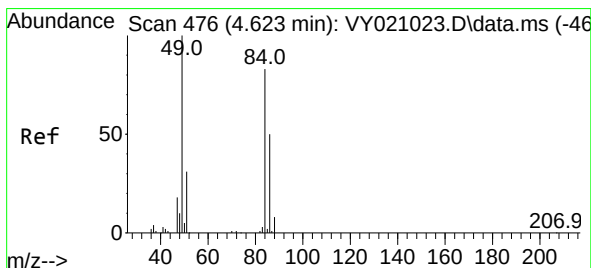
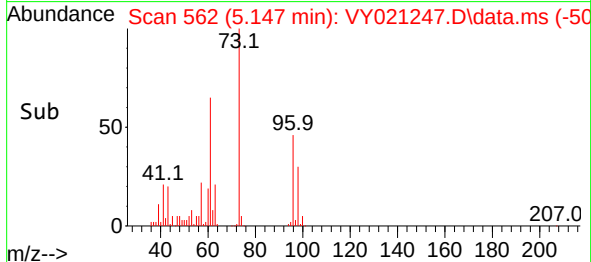
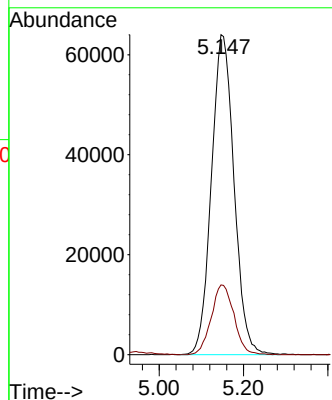
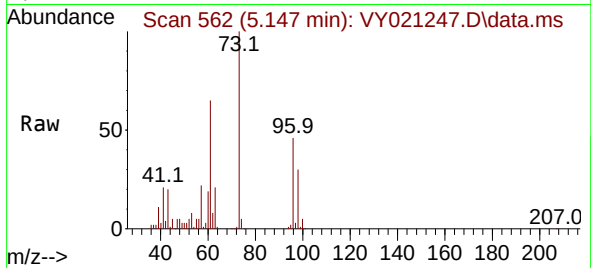




#19
Methyl tert-butyl Ether
Concen: 53.465 ug/l
RT: 5.147 min Scan# 50
Delta R.T. 0.030 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

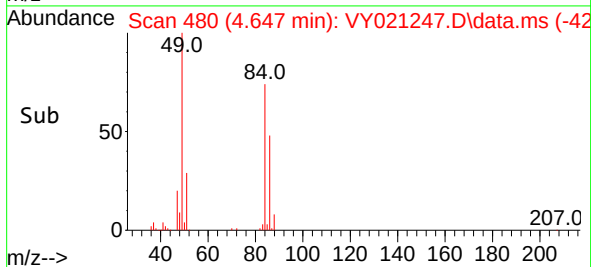
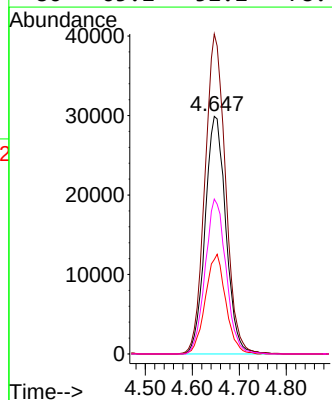
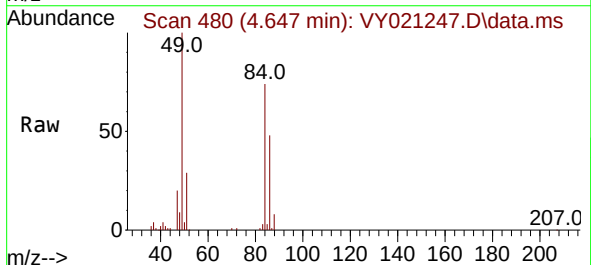
Instrument :
MSVOA_Y
ClientSampleId :

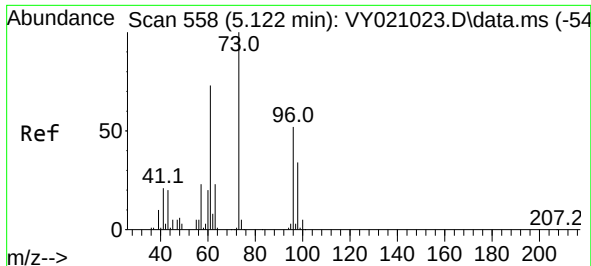
Tgt Ion: 73 Resp: 238476
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 49.855 ug/l
RT: 4.647 min Scan# 480
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

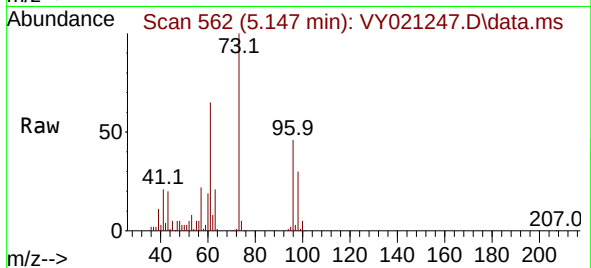
Tgt Ion: 84 Resp: 91654
Ion Ratio Lower Upper
84 100
49 134.5 95.2 142.8
51 39.7 29.9 44.9
86 65.2 52.2 78.4



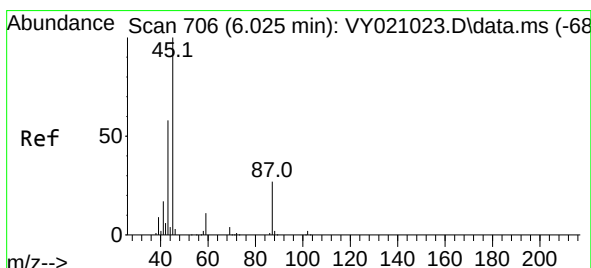
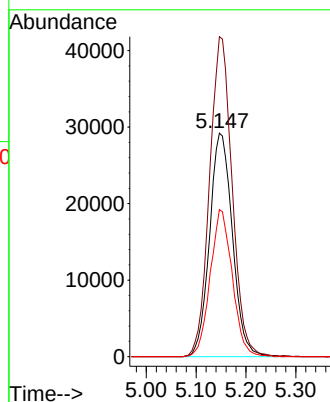
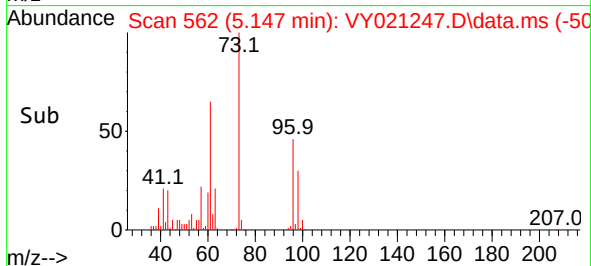


#21
trans-1,2-Dichloroethene
Concen: 47.920 ug/l
RT: 5.147 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

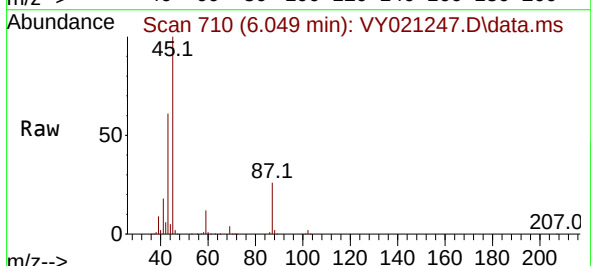
Instrument :
MSVOA_Y
ClientSampleId :



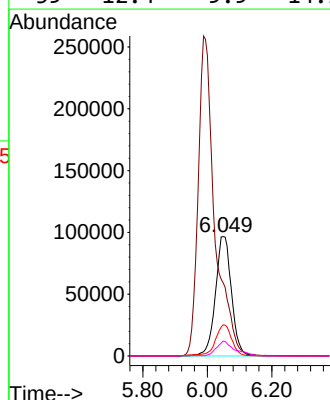
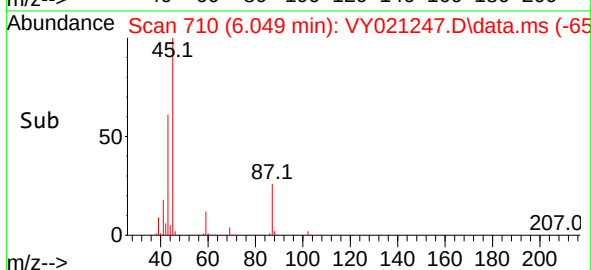
Tgt Ion: 96 Resp: 93086
Ion Ratio Lower Upper
96 100
61 143.2 104.6 156.8
98 65.8 50.9 76.3

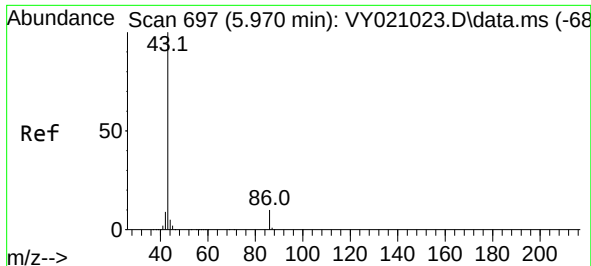


#22
Diisopropyl ether
Concen: 54.355 ug/l
RT: 6.049 min Scan# 710
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04



Tgt Ion: 45 Resp: 333223
Ion Ratio Lower Upper
45 100
43 61.1 46.8 70.2
87 26.1 22.2 33.2
59 12.4 9.9 14.9

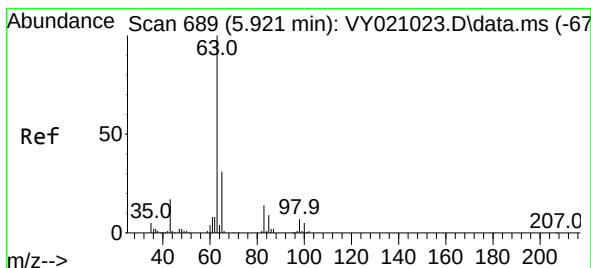
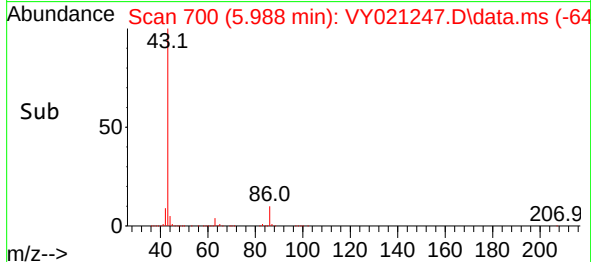
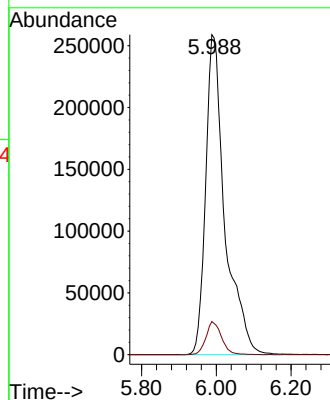
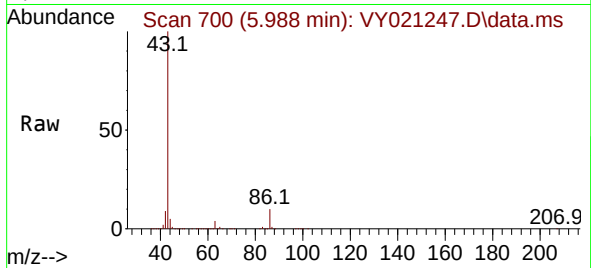




#23
 Vinyl Acetate
 Concen: 270.125 ug/l
 RT: 5.988 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY021247.D
 Acq: 20 Feb 2025 14:04

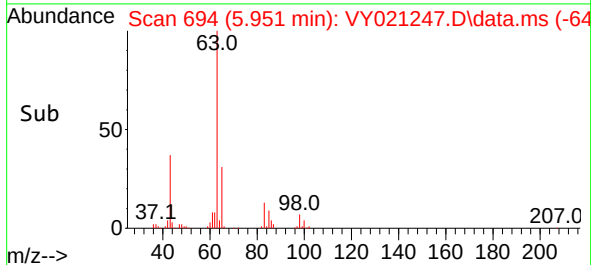
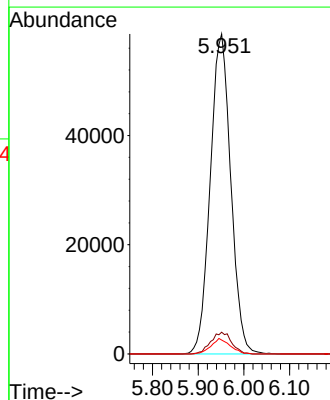
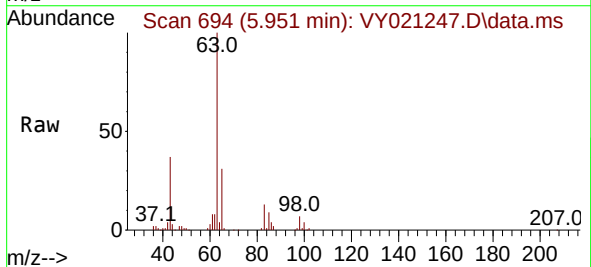
Instrument :
 MSVOA_Y
 ClientSampleId :

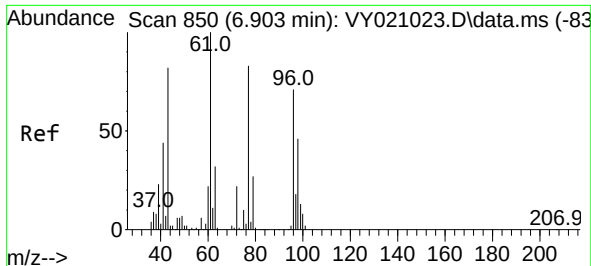
Tgt Ion: 43 Resp: 923149
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.834 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.030 min
 Lab File: VY021247.D
 Acq: 20 Feb 2025 14:04

Tgt Ion: 63 Resp: 182583
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.4 2.1 6.2

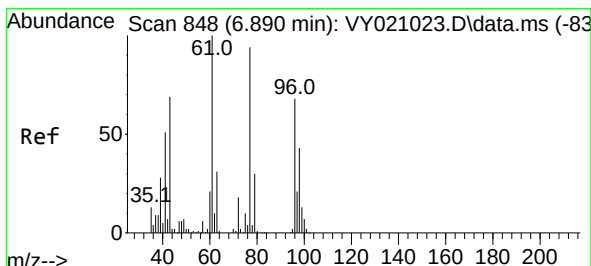
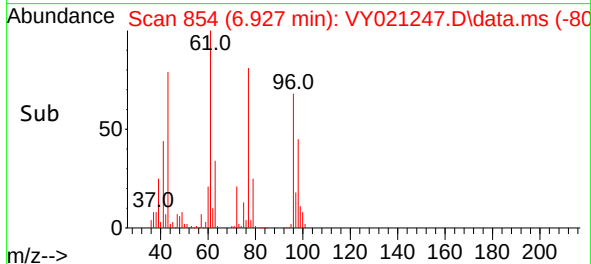
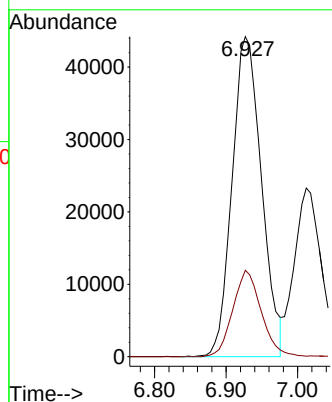
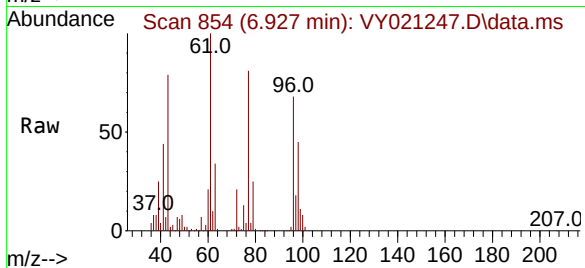




#25
2-Butanone
Concen: 259.614 ug/l
RT: 6.927 min Scan# 854
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

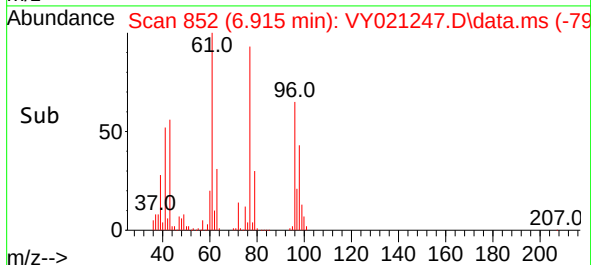
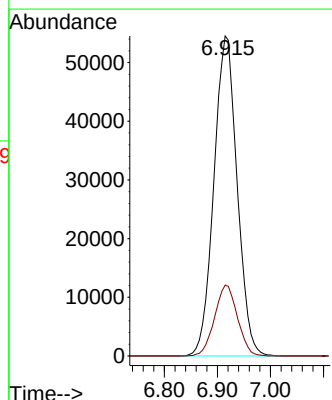
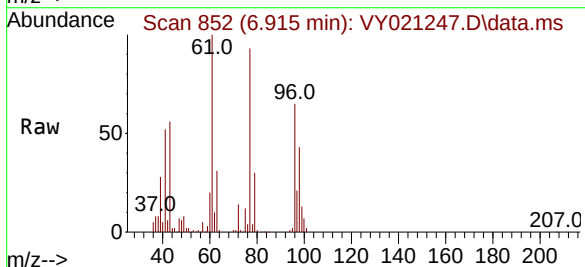
Instrument :
MSVOA_Y
ClientSampleId :

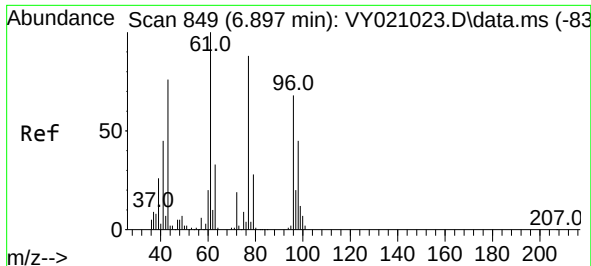
Tgt Ion: 43 Resp: 126163
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 49.896 ug/l
RT: 6.915 min Scan# 852
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 77 Resp: 165826
Ion Ratio Lower Upper
77 100
97 21.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.161 ug/l

RT: 6.921 min Scan# 81

Delta R.T. 0.024 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

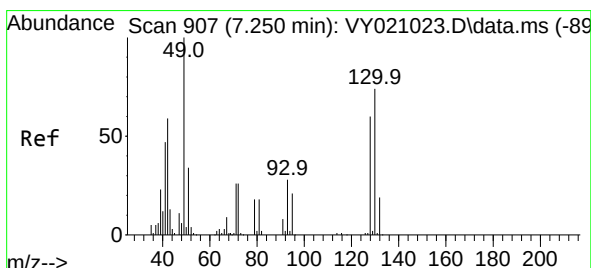
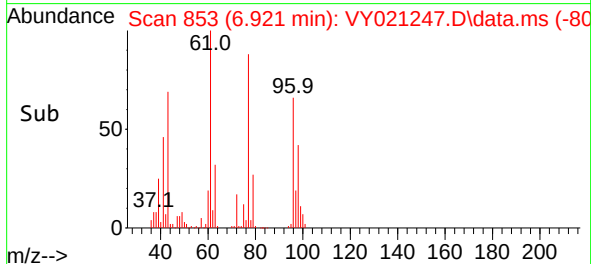
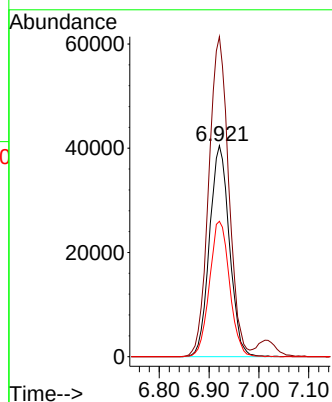
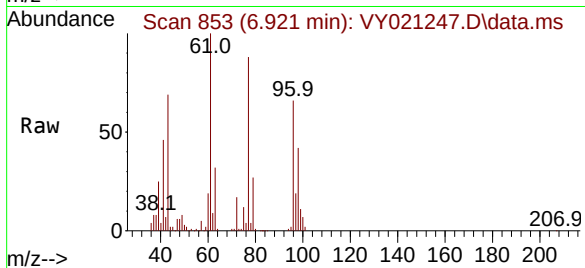
Tgt Ion: 96 Resp: 112157

Ion Ratio Lower Upper

96 100

61 152.1 0.0 278.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 59.836 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

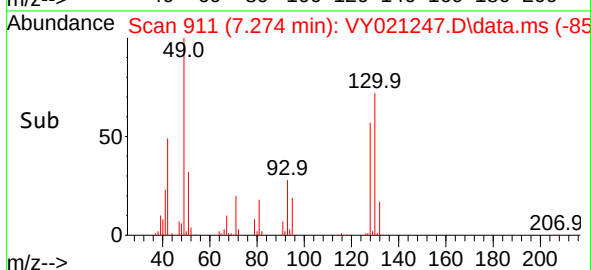
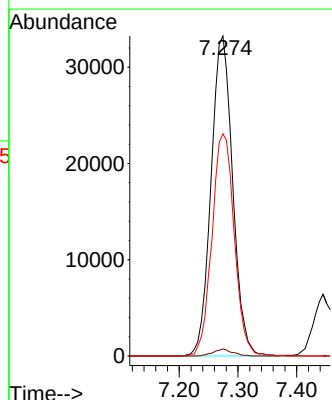
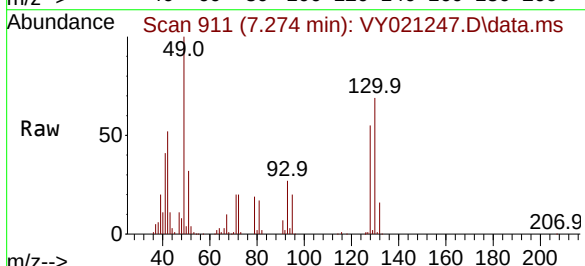
Tgt Ion: 49 Resp: 84983

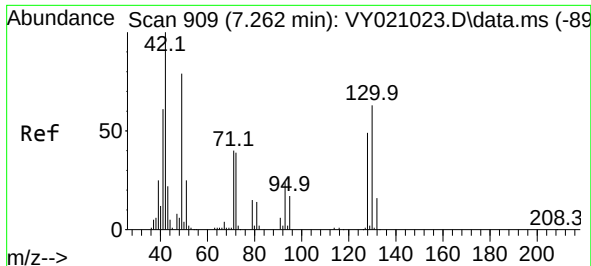
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 262.254 ug/l

RT: 7.293 min Scan# 914

Delta R.T. 0.030 min

Lab File: VY021247.D

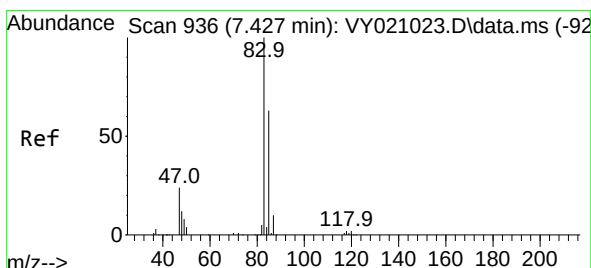
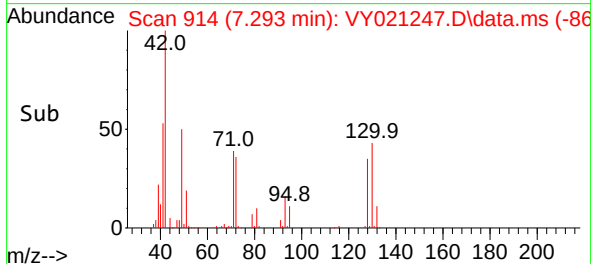
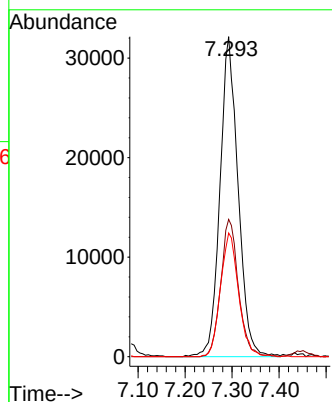
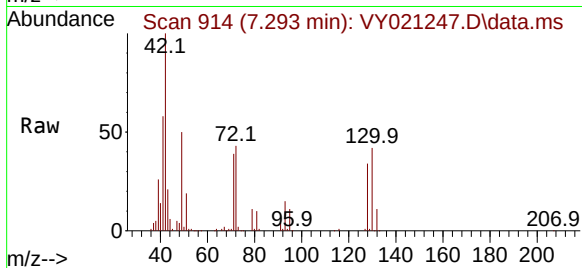
Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	86238
Ion	Ratio	Lower	Upper
42	100		
72	42.0	36.6	54.8
71	38.7	33.8	50.6



#30

Chloroform

Concen: 51.719 ug/l

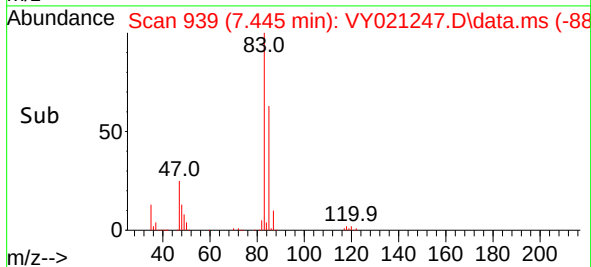
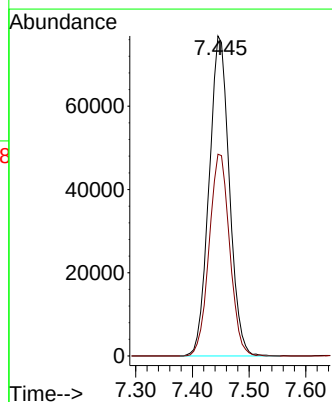
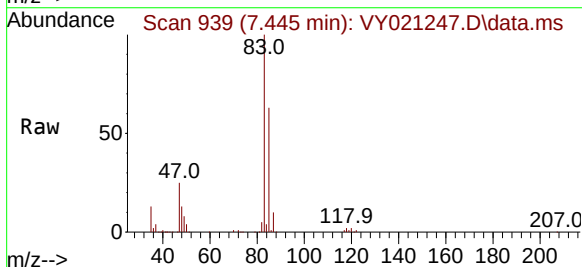
RT: 7.445 min Scan# 939

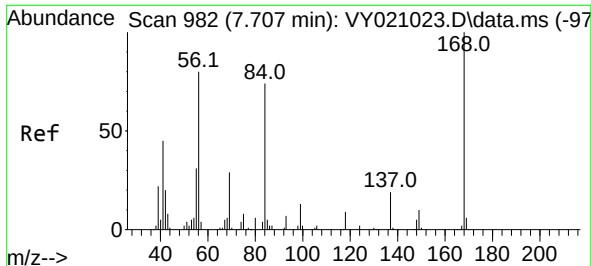
Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

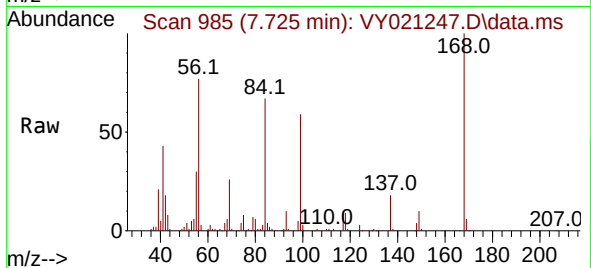
Tgt Ion:	83	Resp:	190805
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8



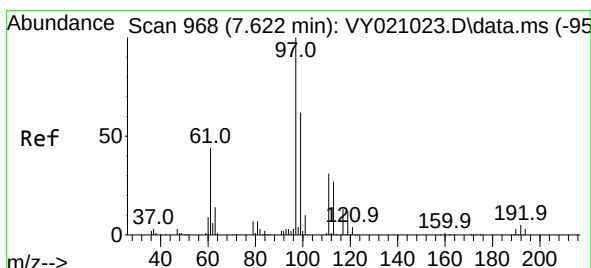
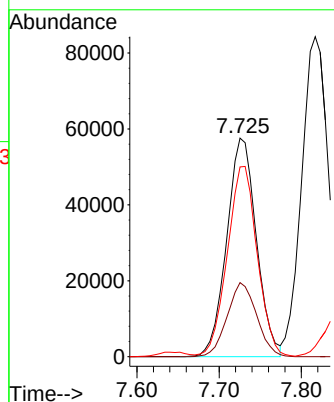
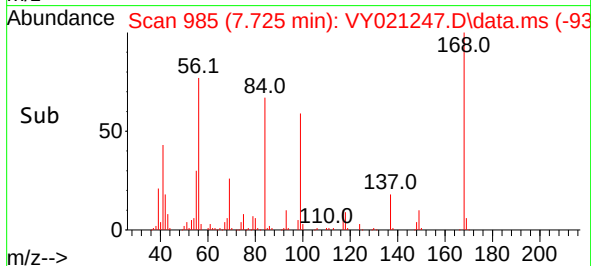


#31
Cyclohexane
Concen: 44.688 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

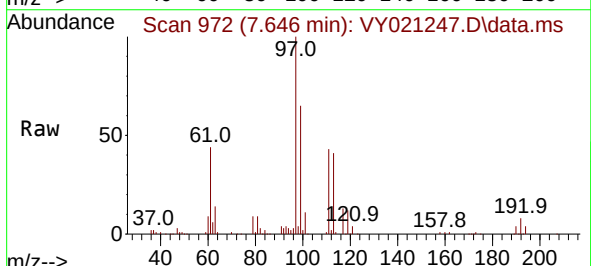
Instrument :
MSVOA_Y
ClientSampleId :



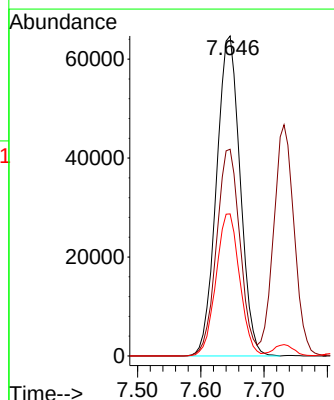
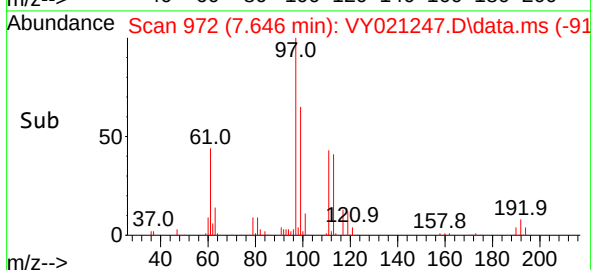
Tgt Ion: 56 Resp: 144541
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 84.7 71.8 107.6

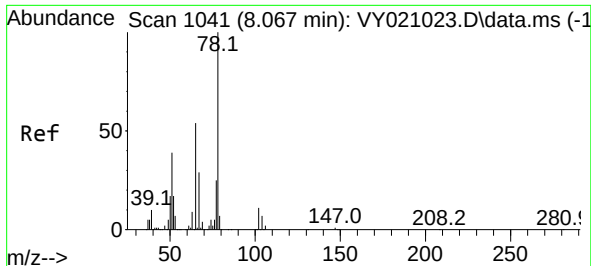


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04



Tgt Ion: 97 Resp: 167997
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 44.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.290 ug/l

RT: 8.085 min Scan# 1104

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

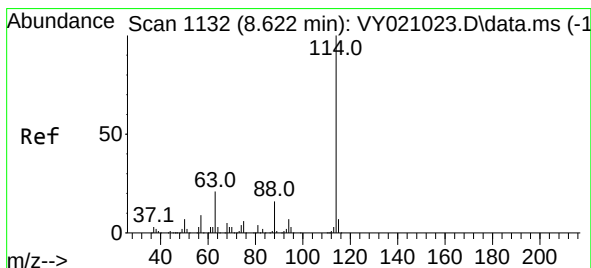
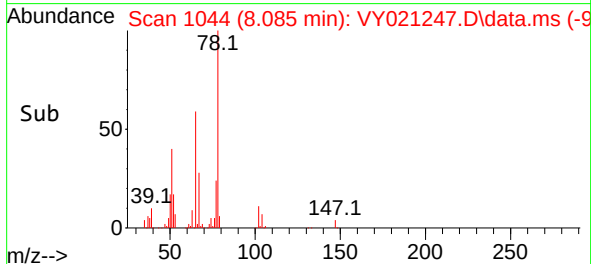
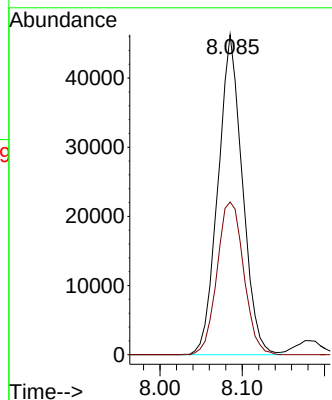
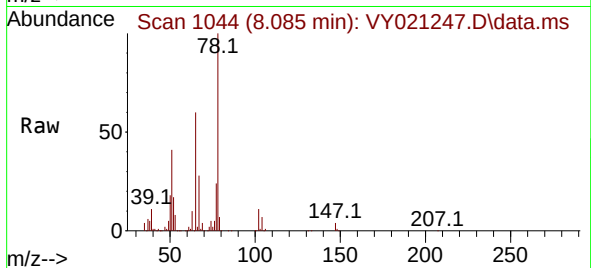
ClientSampleId :

Tgt Ion: 65 Resp: 95366

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

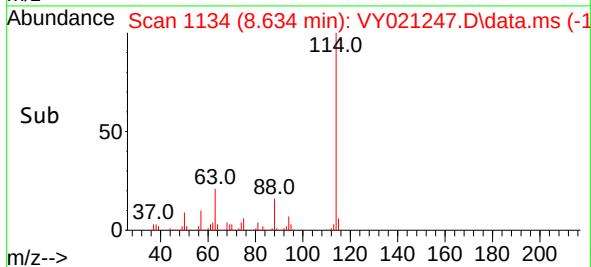
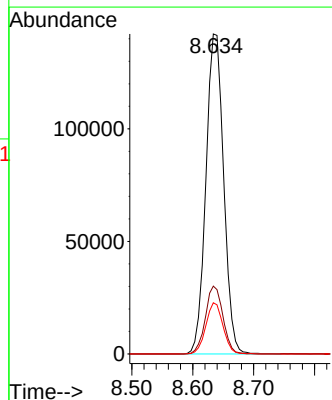
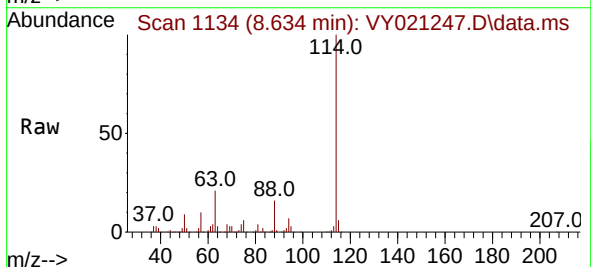
Tgt Ion: 114 Resp: 287974

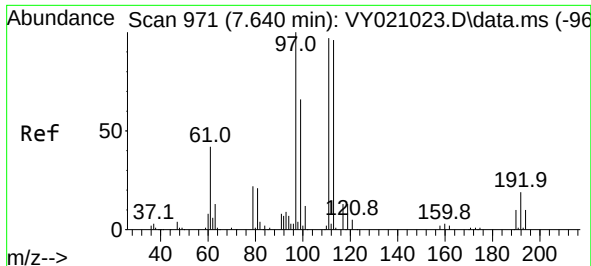
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 16.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.267 ug/l

RT: 7.658 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

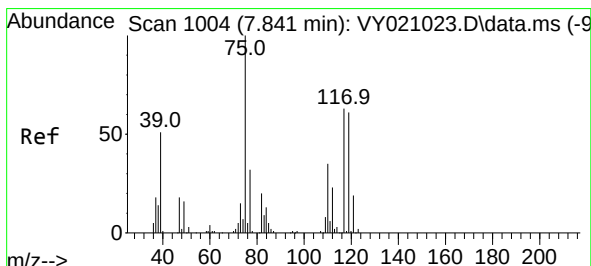
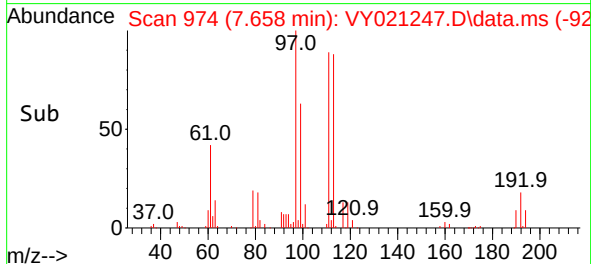
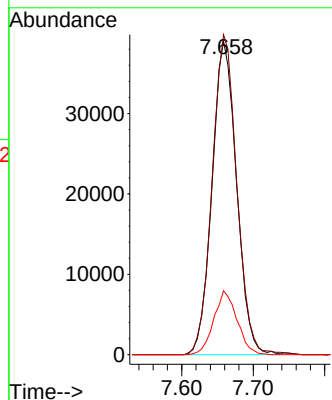
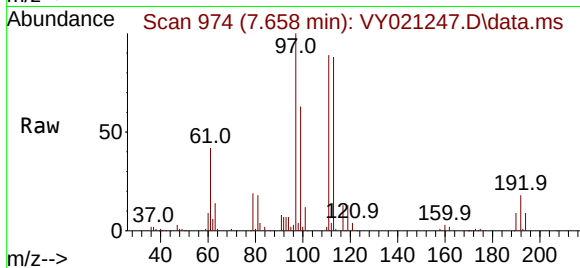
Tgt Ion:113 Resp: 92770

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 19.3 14.5 21.7



#36

1,1-Dichloropropene

Concen: 47.912 ug/l

RT: 7.860 min Scan# 1007

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

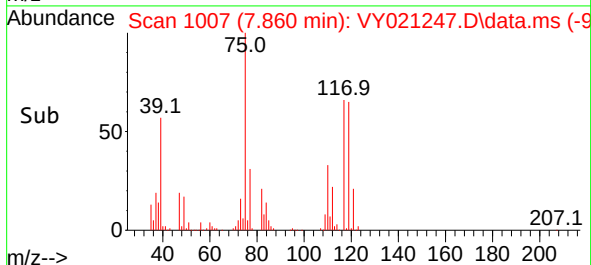
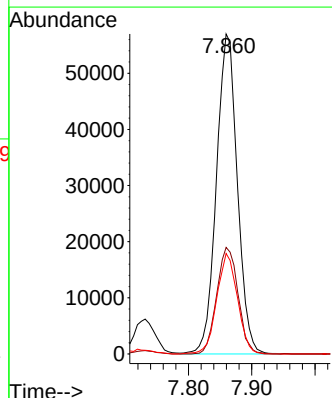
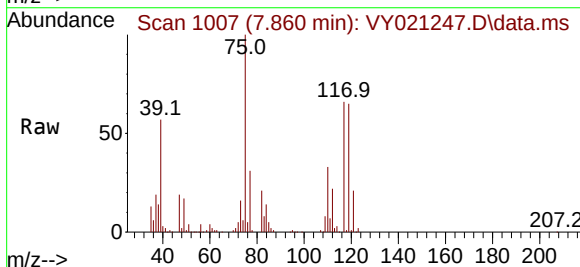
Tgt Ion: 75 Resp: 130970

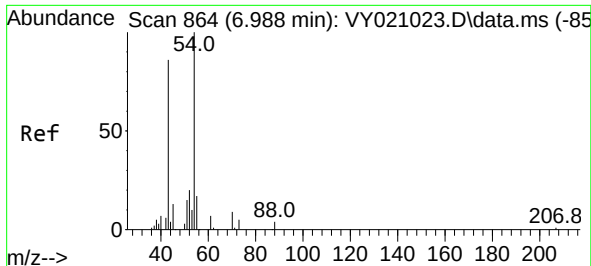
Ion Ratio Lower Upper

75 100

110 33.8 17.4 52.3

77 31.0 24.7 37.1

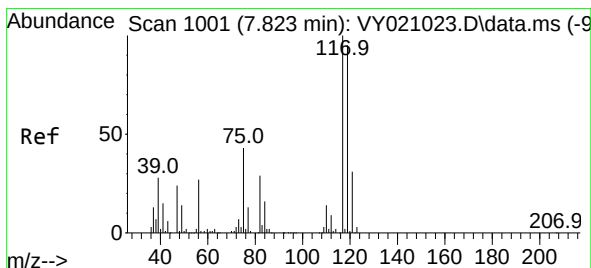
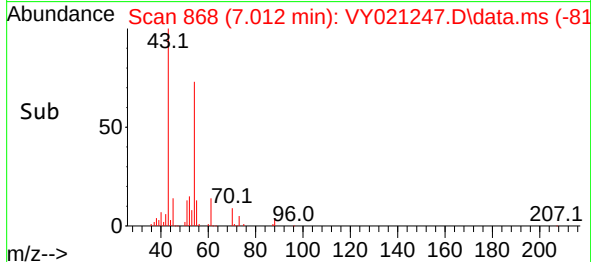
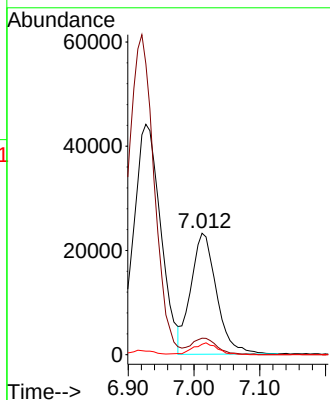
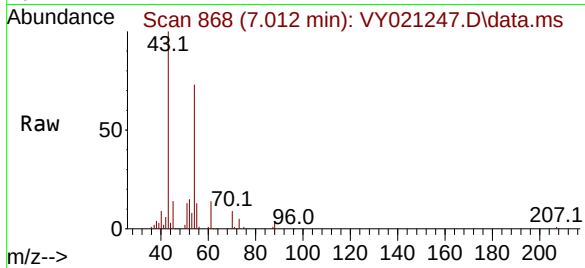




#37
Ethyl Acetate
Concen: 52.580 ug/l
RT: 7.012 min Scan# 80
Delta R.T. 0.024 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

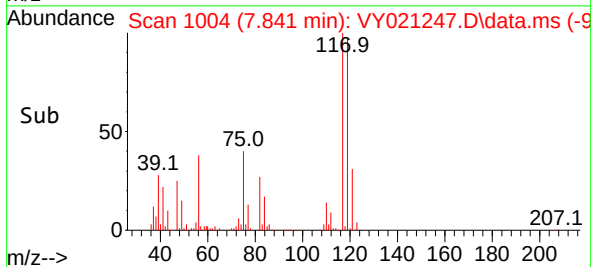
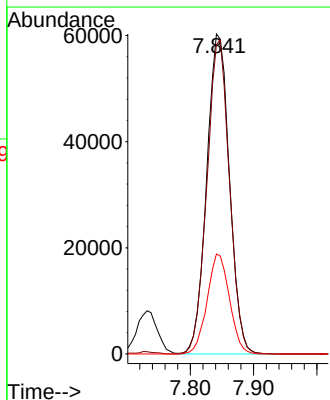
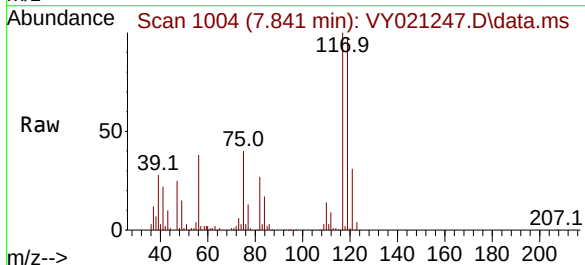
Instrument :
MSVOA_Y
ClientSampleId :

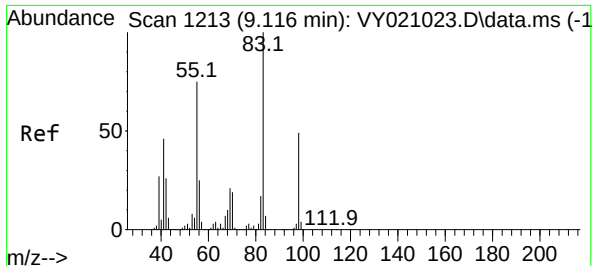
Tgt Ion: 43 Resp: 63053
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.6
70 9.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 47.207 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 117 Resp: 150782
Ion Ratio Lower Upper
117 100
119 96.7 76.0 114.0
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 46.698 ug/l

RT: 9.128 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

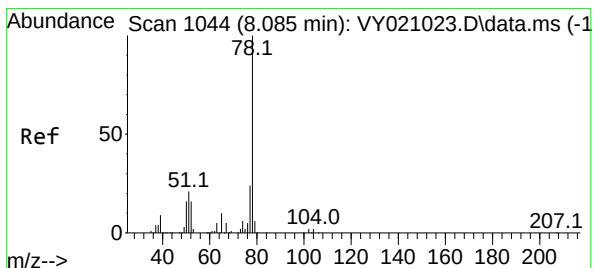
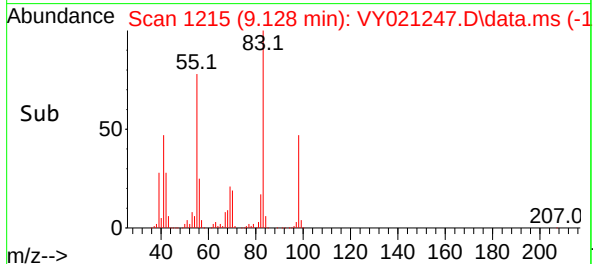
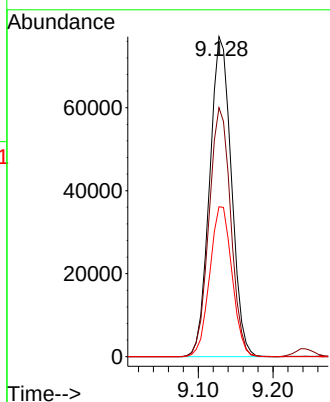
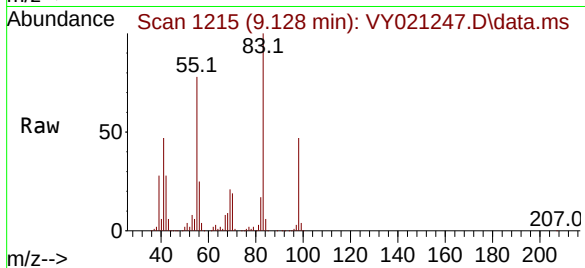
Tgt Ion: 83 Resp: 156143

Ion Ratio Lower Upper

83 100

55 77.8 59.7 89.5

98 46.9 38.0 57.0



#40

Benzene

Concen: 49.702 ug/l

RT: 8.103 min Scan# 1047

Delta R.T. 0.018 min

Lab File: VY021247.D

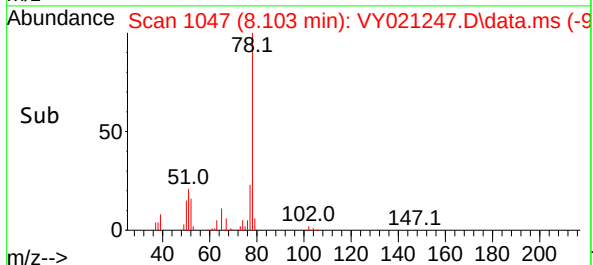
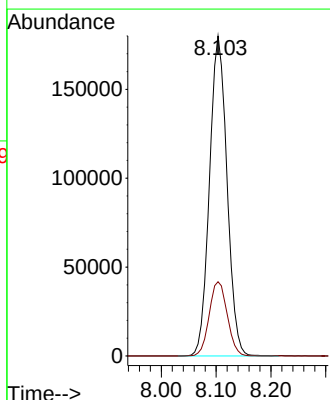
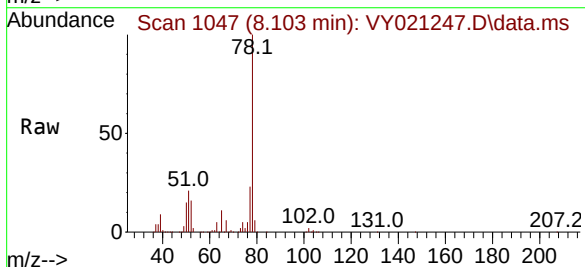
Acq: 20 Feb 2025 14:04

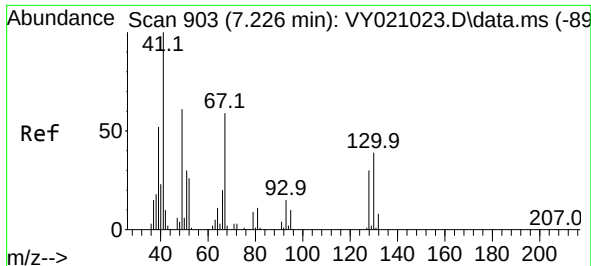
Tgt Ion: 78 Resp: 398704

Ion Ratio Lower Upper

78 100

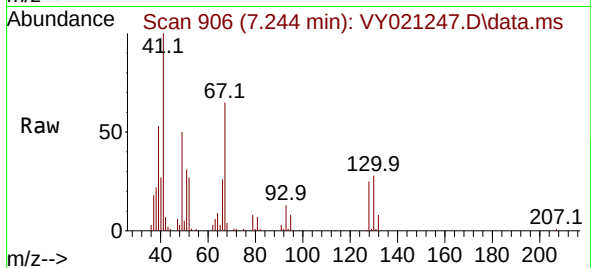
77 23.2 18.8 28.2



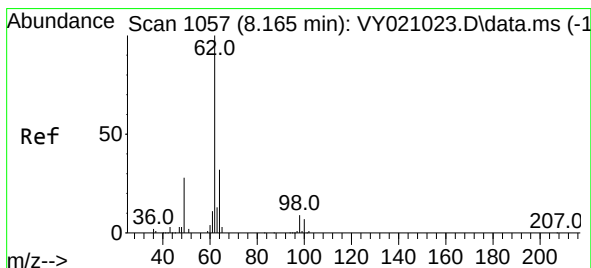
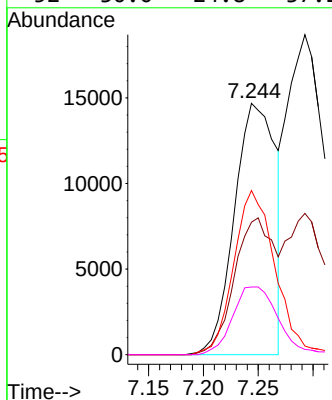
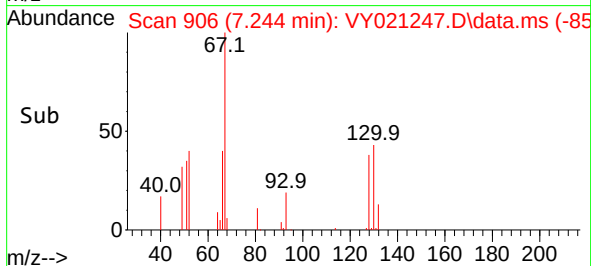


#41
Methacrylonitrile
Concen: 55.237 ug/l
RT: 7.244 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

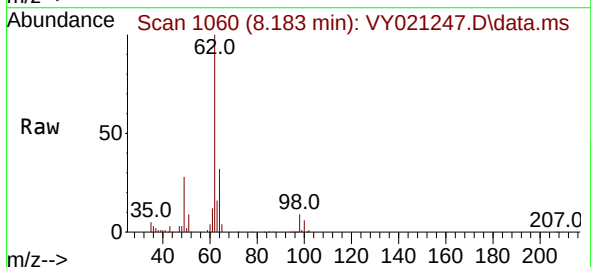
Instrument :
MSVOA_Y
ClientSampleId :



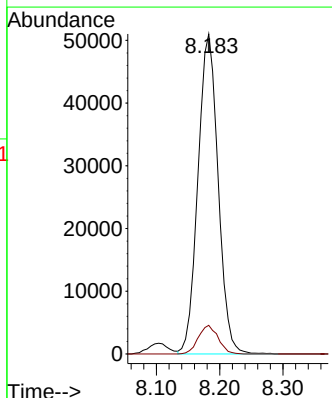
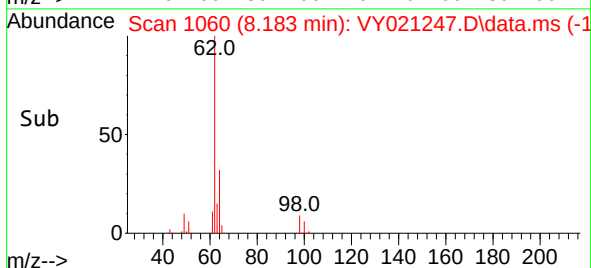
Tgt Ion:	41	Resp:	38322
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.9	62.9
67	66.0	59.8	89.6
52	30.0	24.8	37.2

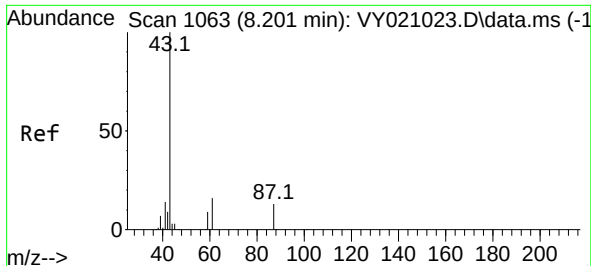


#42
1,2-Dichloroethane
Concen: 50.887 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04



Tgt Ion:	62	Resp:	113239
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 53.953 ug/l

RT: 8.219 min Scan# 1106

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

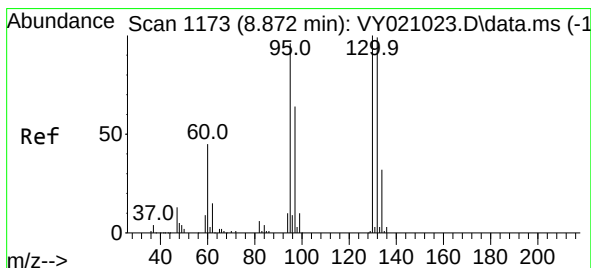
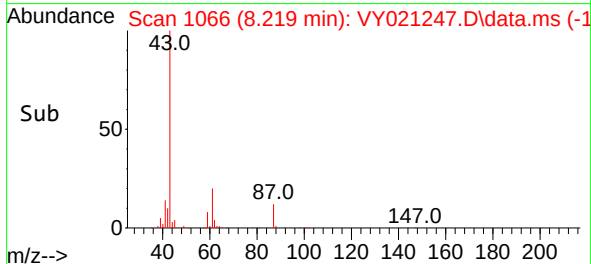
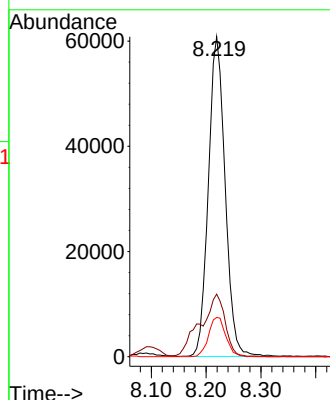
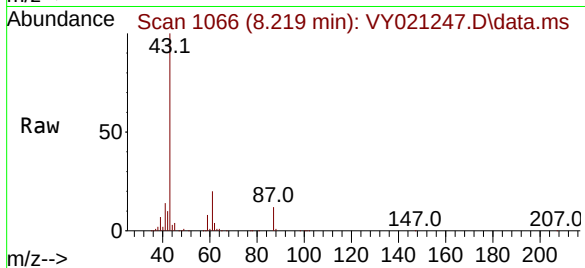
Tgt Ion: 43 Resp: 128560

Ion Ratio Lower Upper

43 100

61 28.5 24.8 37.2

87 12.6 10.7 16.1



#44

Trichloroethene

Concen: 47.651 ug/l

RT: 8.884 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VY021247.D

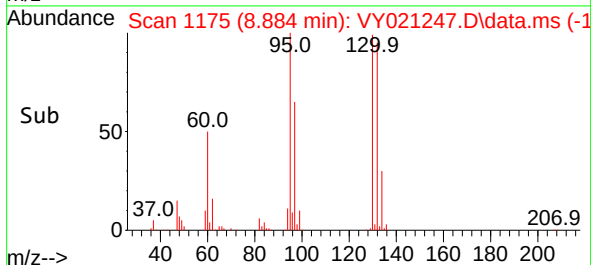
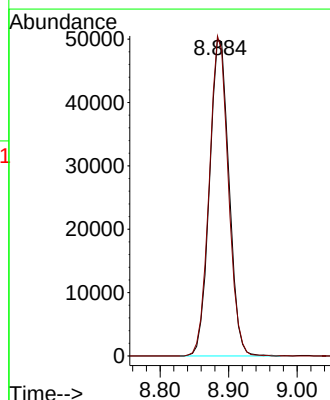
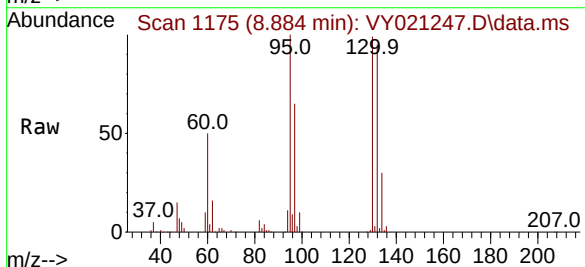
Acq: 20 Feb 2025 14:04

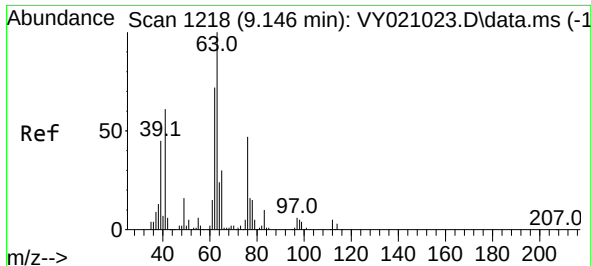
Tgt Ion:130 Resp: 98760

Ion Ratio Lower Upper

130 100

95 101.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 51.446 ug/l

RT: 9.164 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

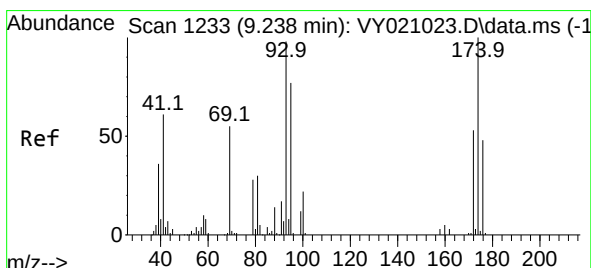
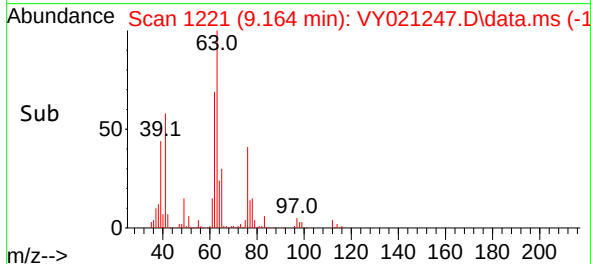
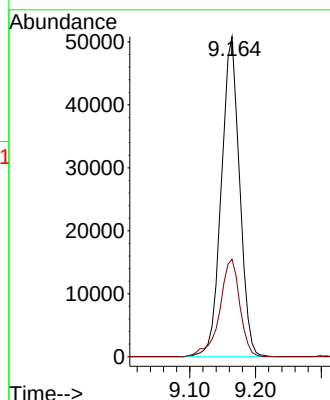
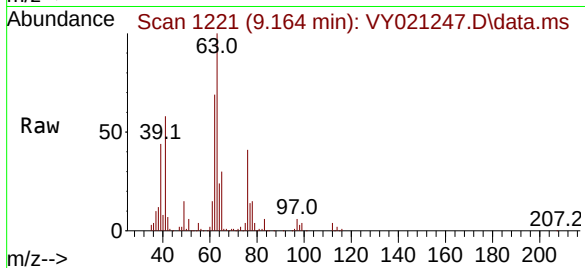
ClientSampleId :

Tgt Ion: 63 Resp: 97955

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8



#46

Dibromomethane

Concen: 49.859 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

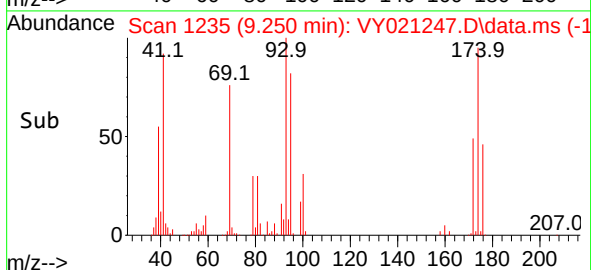
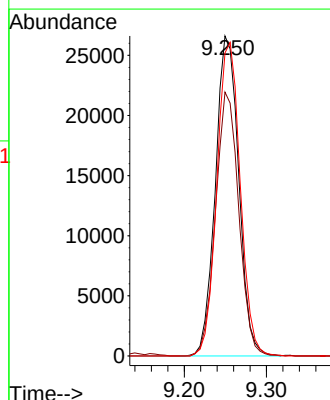
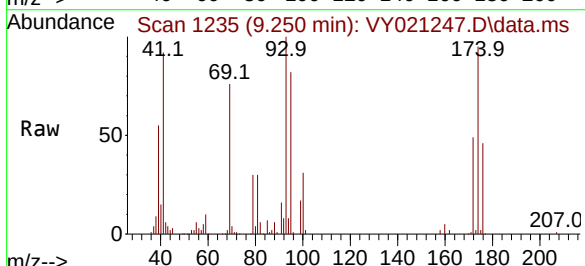
Tgt Ion: 93 Resp: 52562

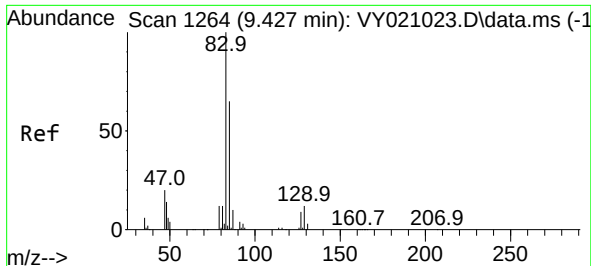
Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

174 98.1 73.8 110.6

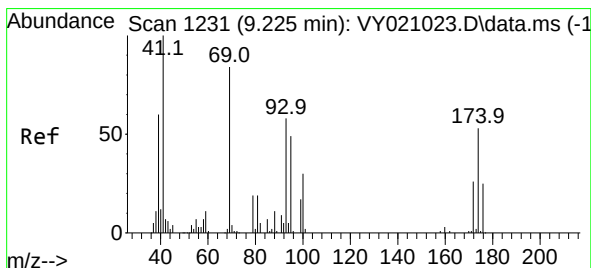
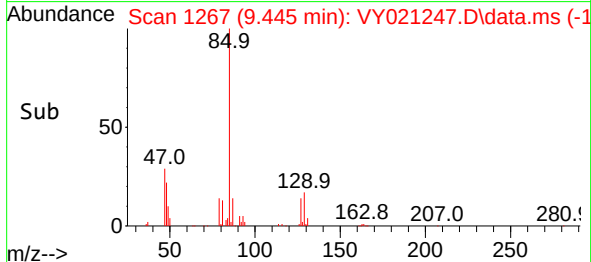
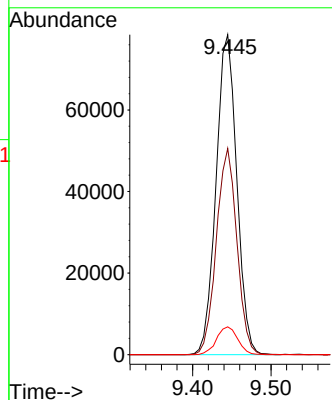
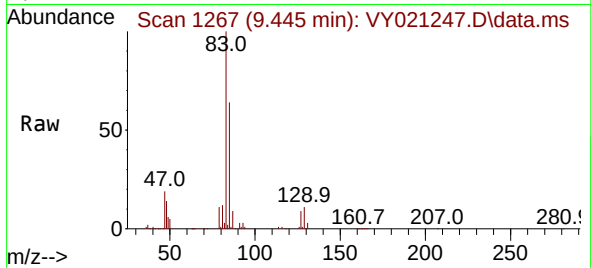




#47
Bromodichloromethane
Concen: 51.037 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

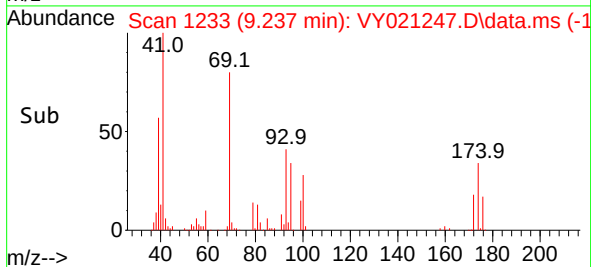
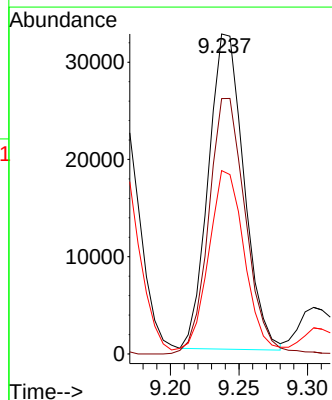
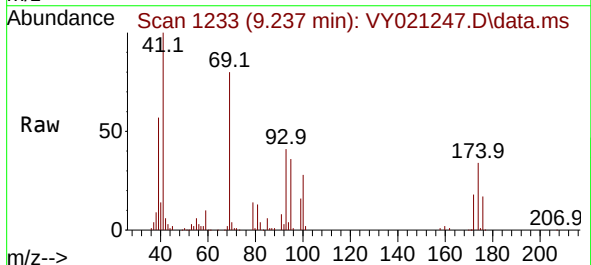
Instrument :
MSVOA_Y
ClientSampleId :

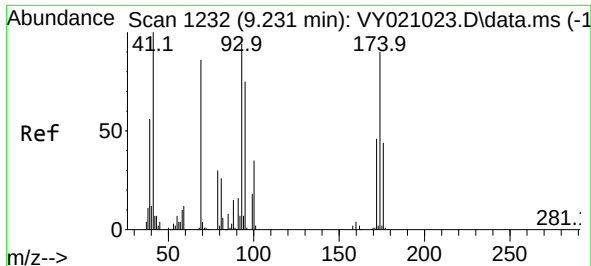
Tgt Ion: 83 Resp: 144299
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 53.944 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 41 Resp: 58550
Ion Ratio Lower Upper
41 100
69 83.9 72.1 108.1
39 56.4 42.8 64.2





#49

1,4-Dioxane

Concen: 950.480 ug/l

RT: 9.262 min Scan# 11

Delta R.T. 0.030 min

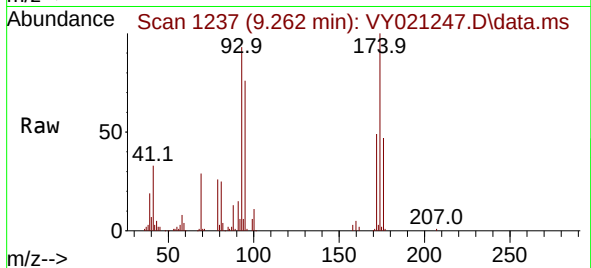
Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :



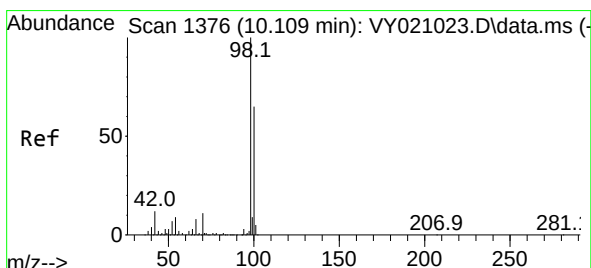
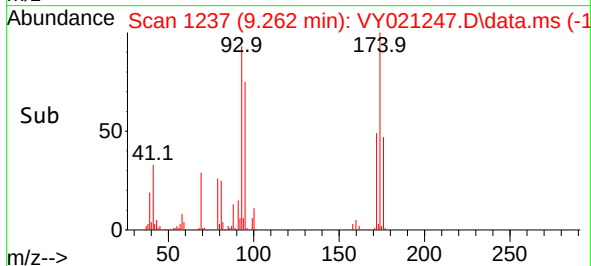
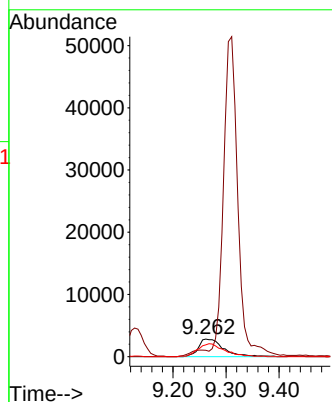
Tgt Ion: 88 Resp: 9328

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 78.2 52.2 78.2



#50

Toluene-d8

Concen: 48.339 ug/l

RT: 10.127 min Scan# 1379

Delta R.T. 0.018 min

Lab File: VY021247.D

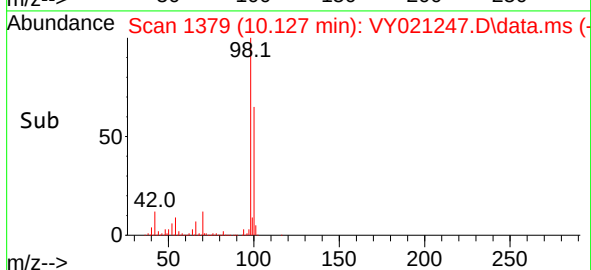
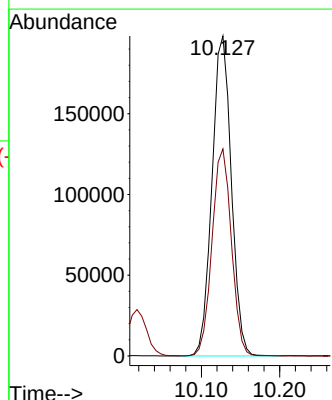
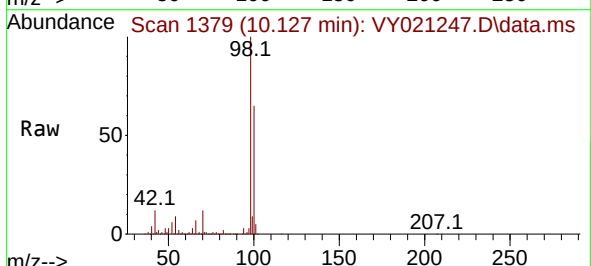
Acq: 20 Feb 2025 14:04

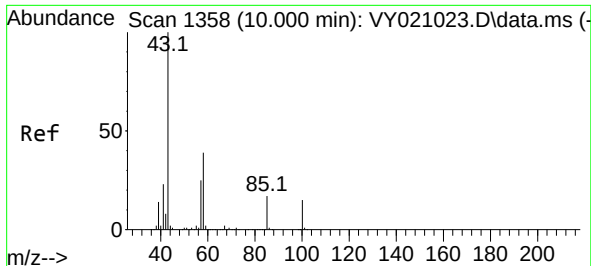
Tgt Ion: 98 Resp: 339634

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

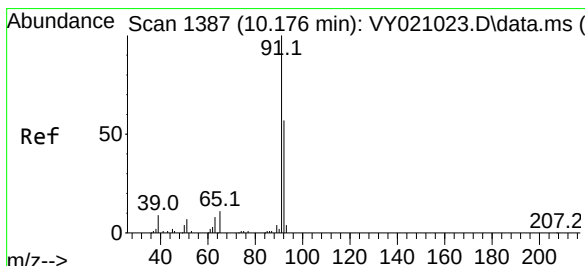
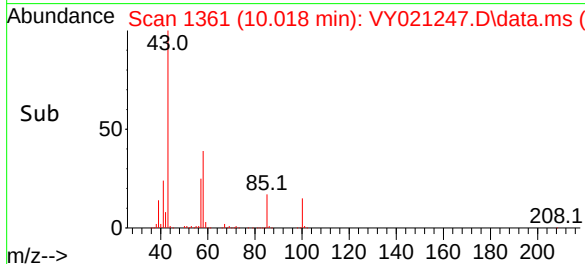
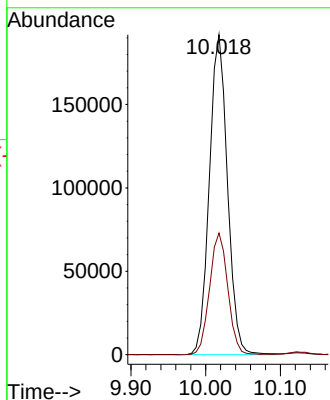
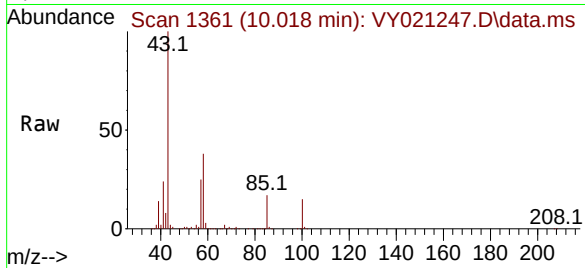




#51
4-Methyl-2-Pentanone
Concen: 269.407 ug/l
RT: 10.018 min Scan# 1361
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

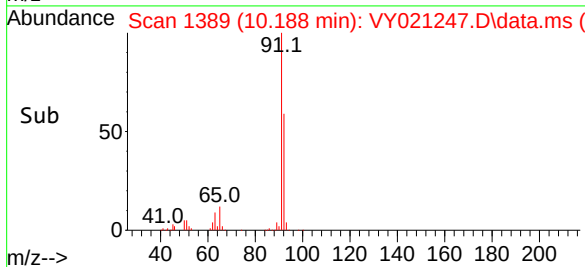
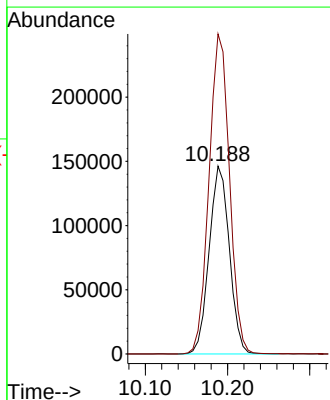
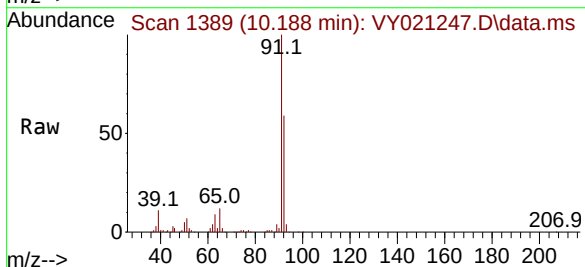
Instrument :
MSVOA_Y
ClientSampleId :

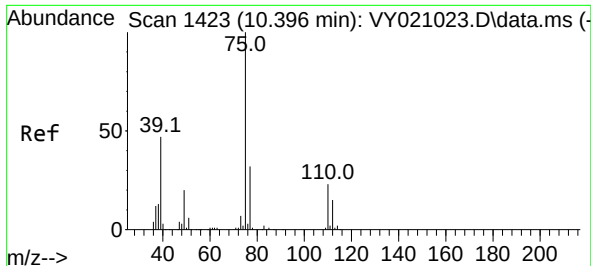
Tgt Ion: 43 Resp: 322814
Ion Ratio Lower Upper
43 100
58 38.3 32.2 48.2



#52
Toluene
Concen: 49.628 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 92 Resp: 249979
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 52.359 ug/l

RT: 10.414 min Scan# 1426

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

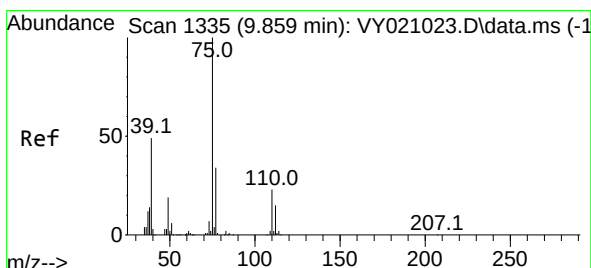
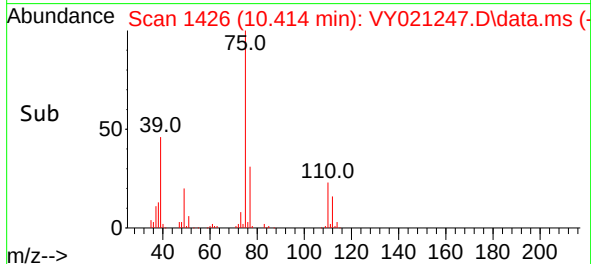
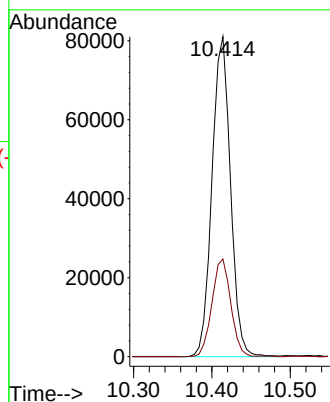
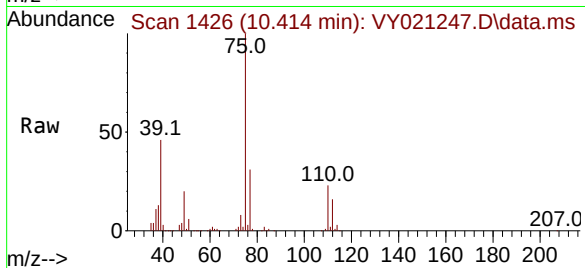
ClientSampleId :

Tgt Ion: 75 Resp: 132925

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 51.630 ug/l

RT: 9.877 min Scan# 1338

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

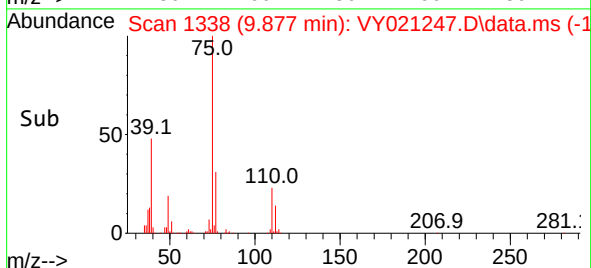
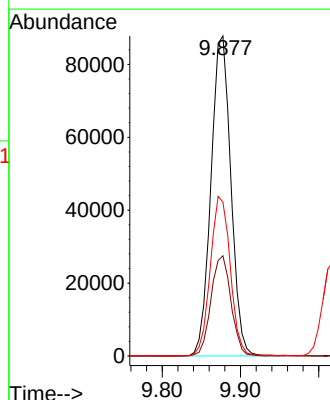
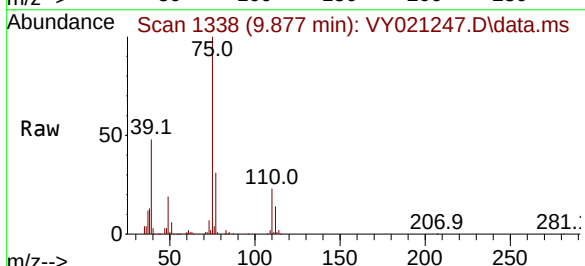
Tgt Ion: 75 Resp: 155197

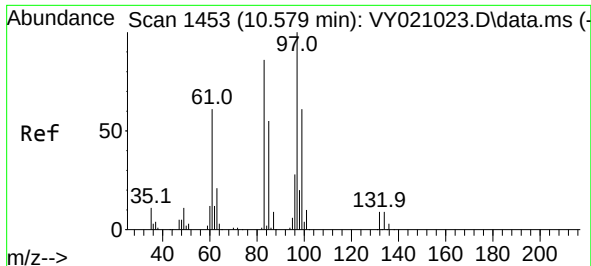
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 48.0 33.6 50.4

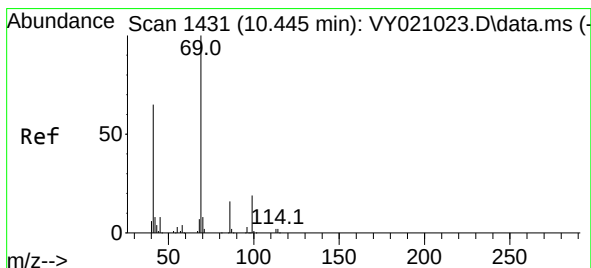
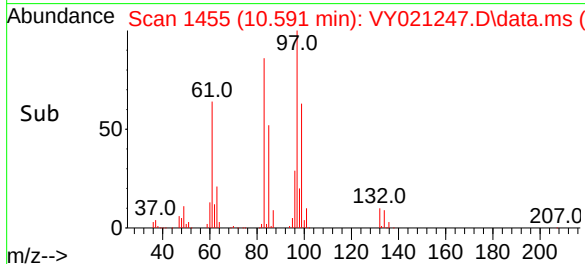
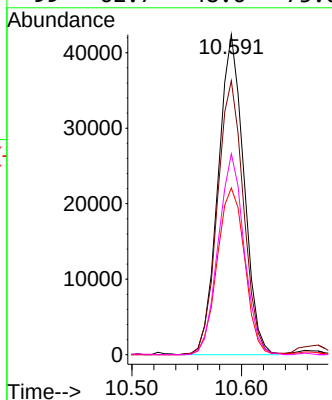
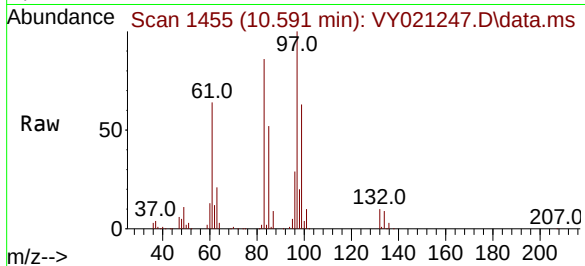




#55
1,1,2-Trichloroethane
Concen: 50.676 ug/l
RT: 10.591 min Scan# 1455
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

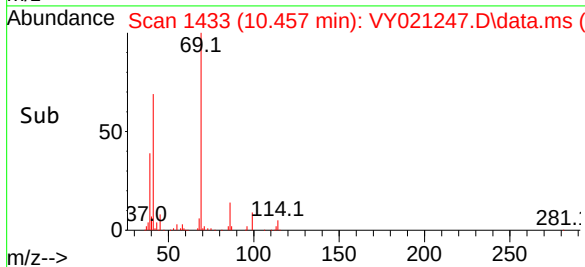
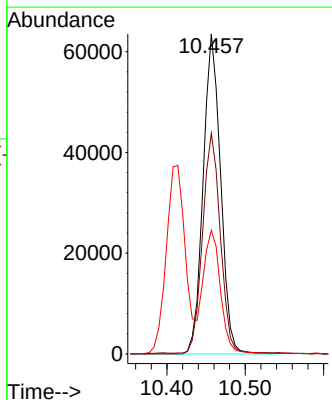
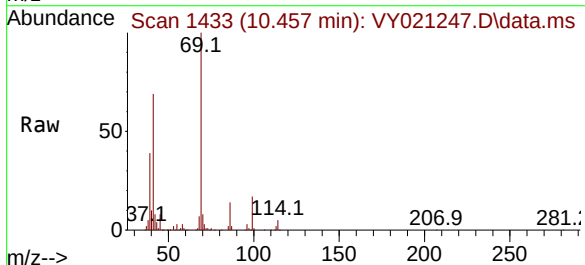
Instrument :
MSVOA_Y
ClientSampleId :

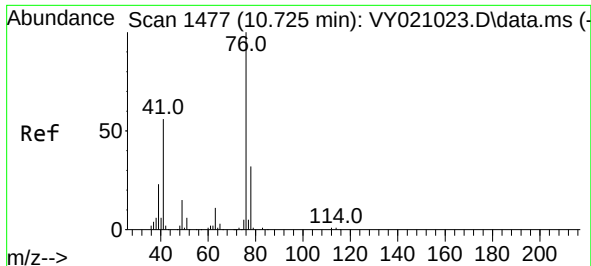
Tgt Ion: 97	Resp: 69180
Ion Ratio	Lower Upper
97 100	
83 85.6	69.4 104.2
85 52.1	43.9 65.9
99 62.7	48.6 73.0



#56
Ethyl methacrylate
Concen: 53.772 ug/l
RT: 10.457 min Scan# 1433
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 69	Resp: 98203
Ion Ratio	Lower Upper
69 100	
41 69.4	49.2 73.8
39 37.3	26.8 40.2





#57

1,3-Dichloropropane

Concen: 52.599 ug/l

RT: 10.737 min Scan# 1477

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

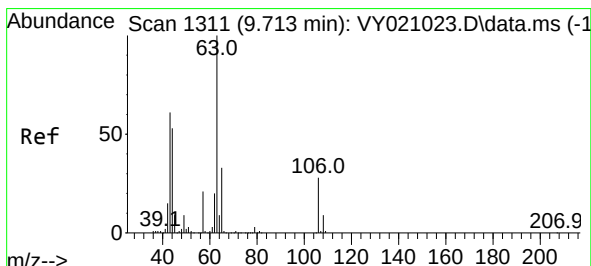
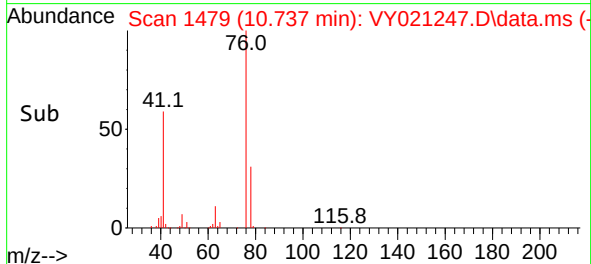
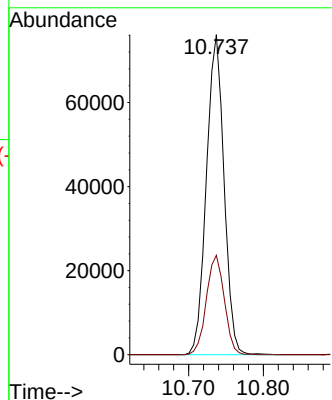
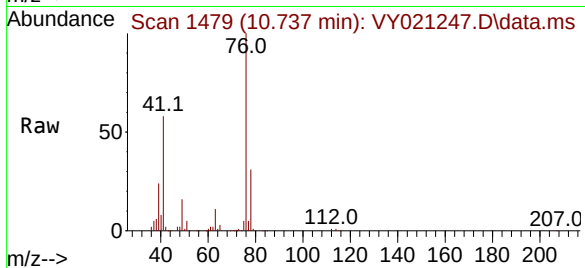
ClientSampleId :

Tgt Ion: 76 Resp: 124286

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 247.351 ug/l

RT: 9.731 min Scan# 1314

Delta R.T. 0.018 min

Lab File: VY021247.D

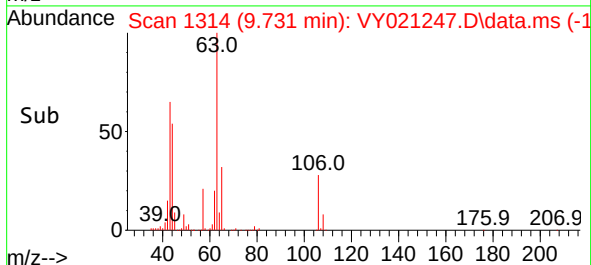
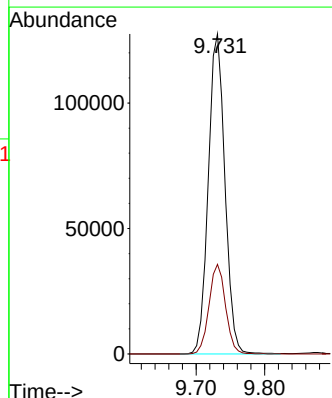
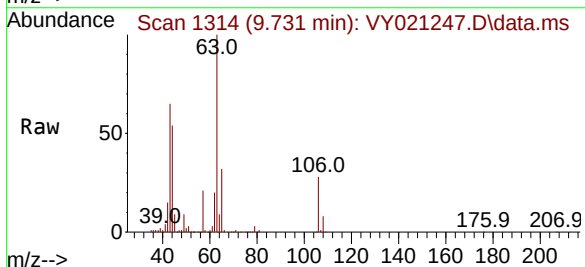
Acq: 20 Feb 2025 14:04

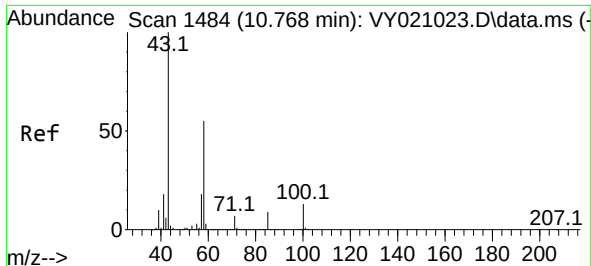
Tgt Ion: 63 Resp: 214908

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6

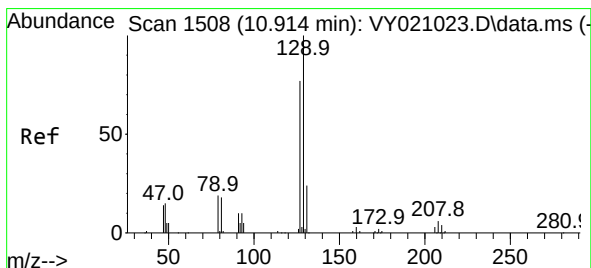
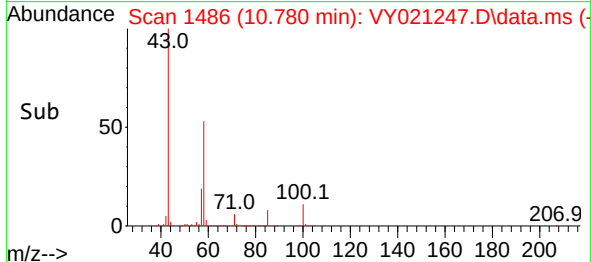
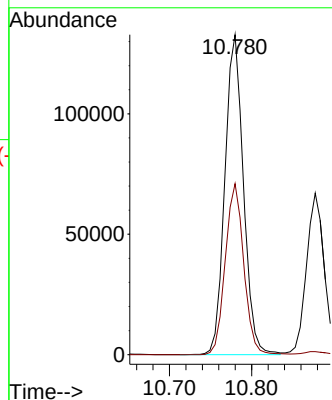
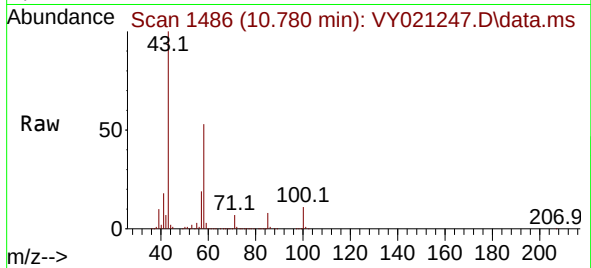




#59
2-Hexanone
Concen: 270.749 ug/l
RT: 10.780 min Scan# 1486
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

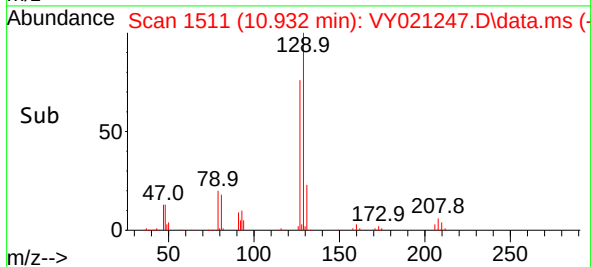
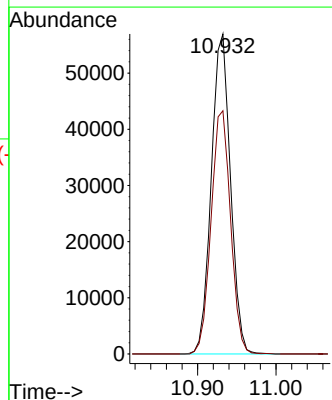
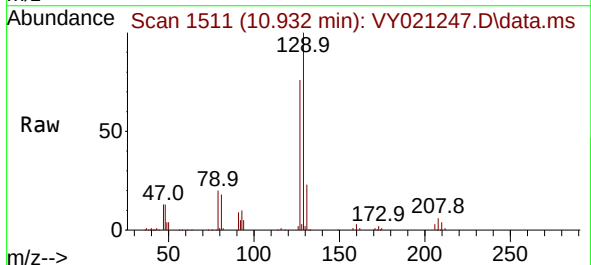
Instrument :
MSVOA_Y
ClientSampleId :

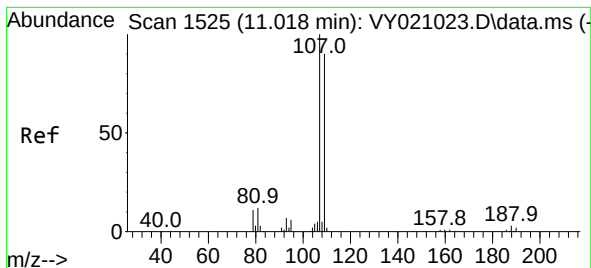
Tgt Ion: 43 Resp: 208882
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.498 ug/l
RT: 10.932 min Scan# 1511
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 129 Resp: 96811
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.679 ug/l

RT: 11.036 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

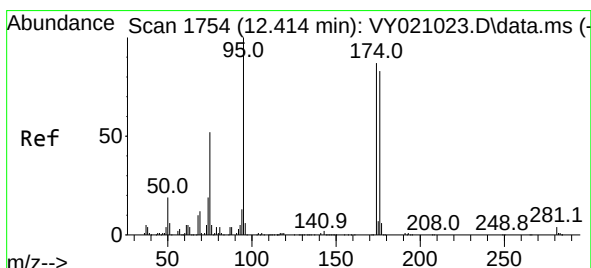
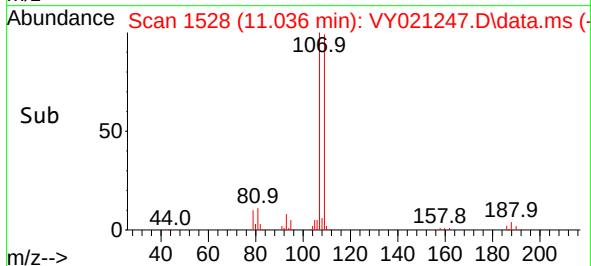
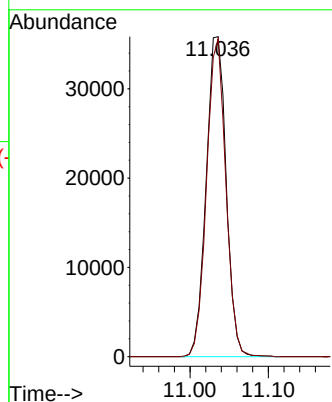
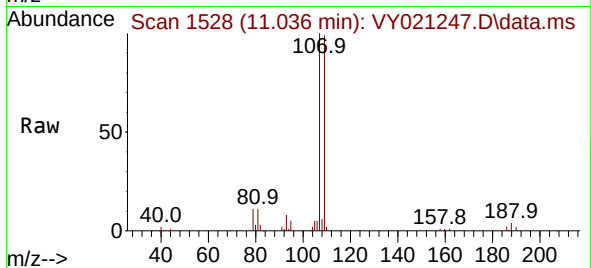
ClientSampleId :

Tgt Ion:107 Resp: 63524

Ion Ratio Lower Upper

107 100

109 95.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.973 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

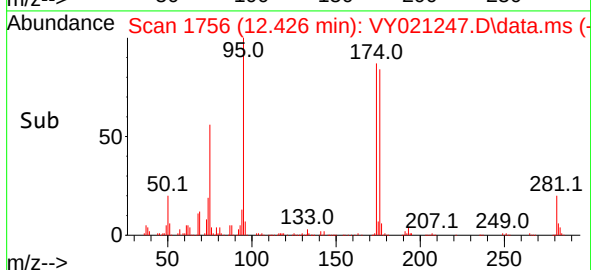
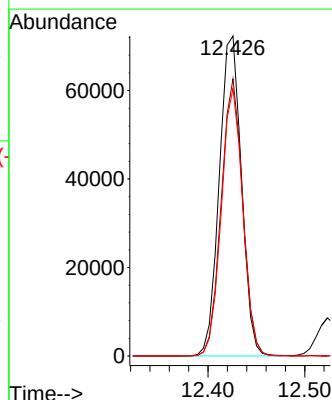
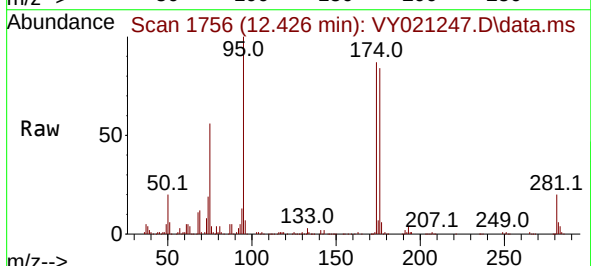
Tgt Ion: 95 Resp: 114707

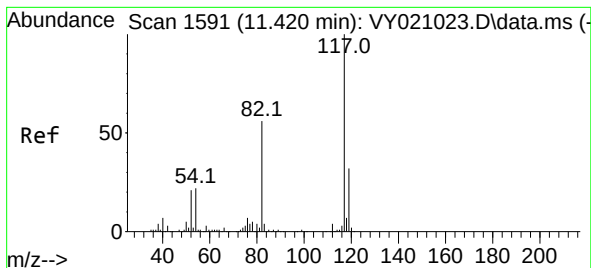
Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 81.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. 0.012 min

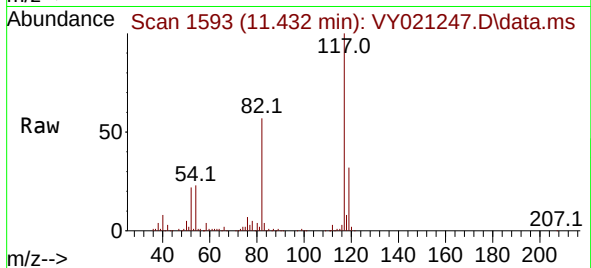
Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :



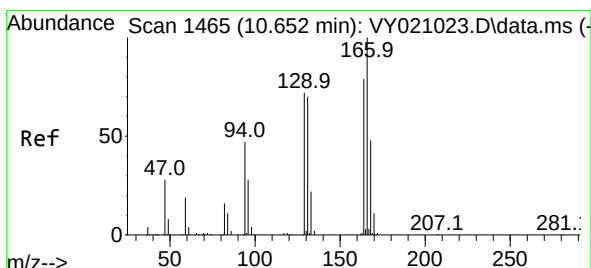
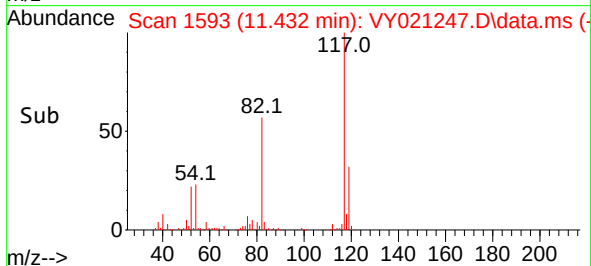
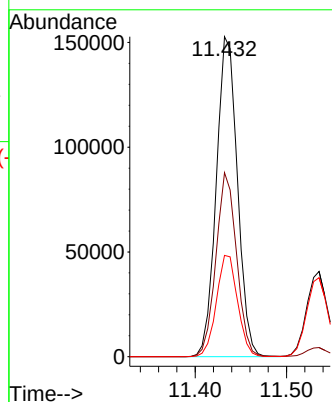
Tgt Ion:117 Resp: 245962

Ion Ratio Lower Upper

117 100

82 57.5 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 46.209 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Tgt Ion:164 Resp: 84373

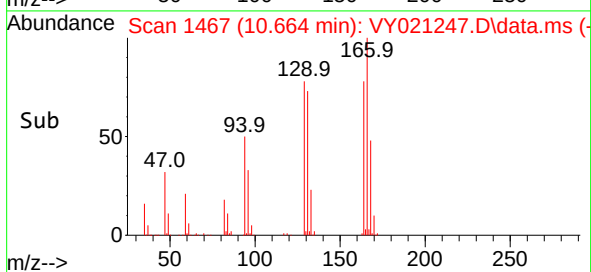
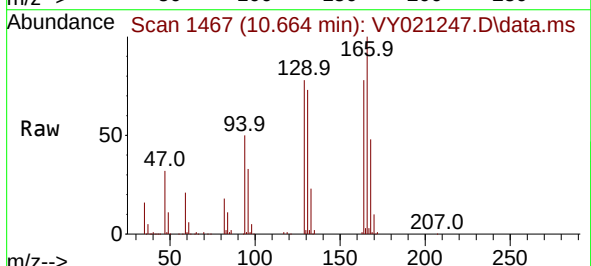
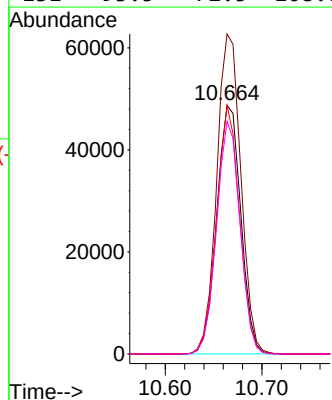
Ion Ratio Lower Upper

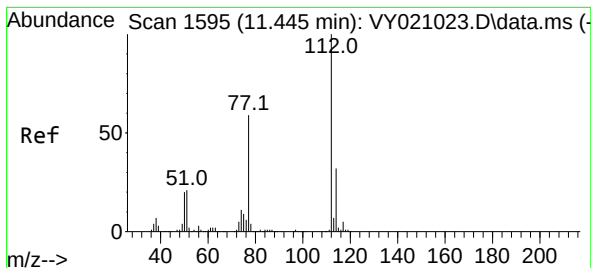
164 100

166 128.7 98.8 148.2

129 99.9 78.9 118.3

131 93.5 72.5 108.7





#65

Chlorobenzene

Concen: 49.447 ug/l

RT: 11.463 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

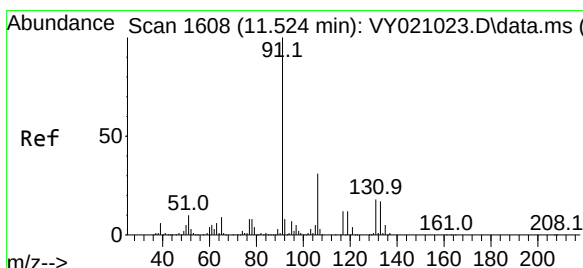
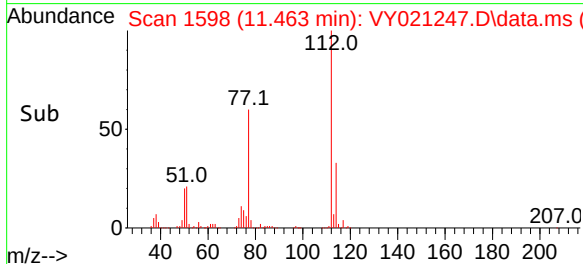
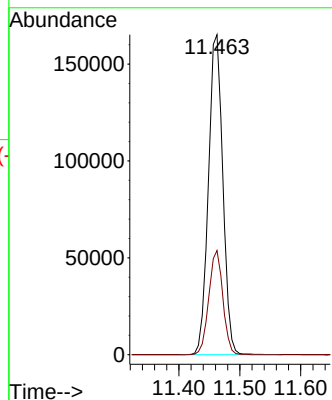
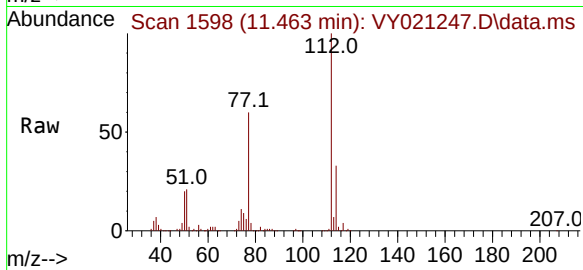
ClientSampleId :

Tgt Ion:112 Resp: 270811

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.825 ug/l

RT: 11.536 min Scan# 1610

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

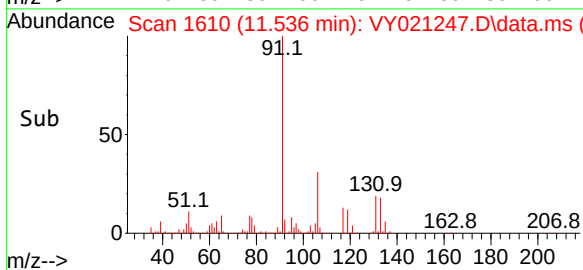
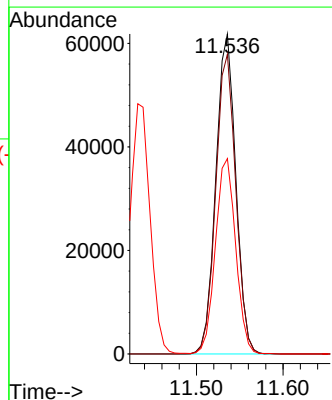
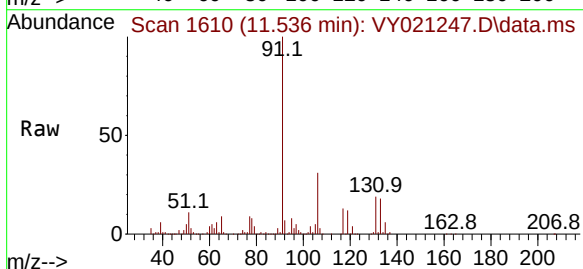
Tgt Ion:131 Resp: 98920

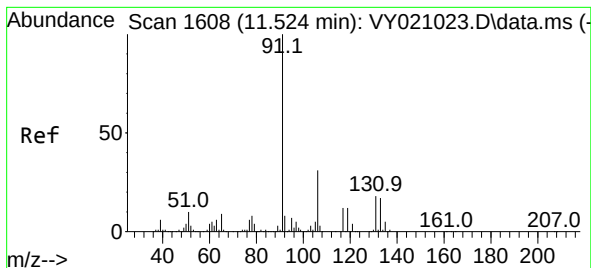
Ion Ratio Lower Upper

131 100

133 94.2 47.0 141.0

119 62.2 33.3 99.9





#67

Ethyl Benzene

Concen: 50.030 ug/l

RT: 11.536 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

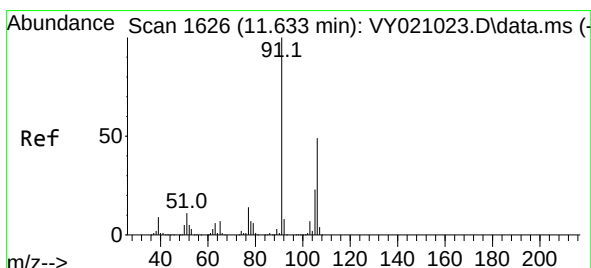
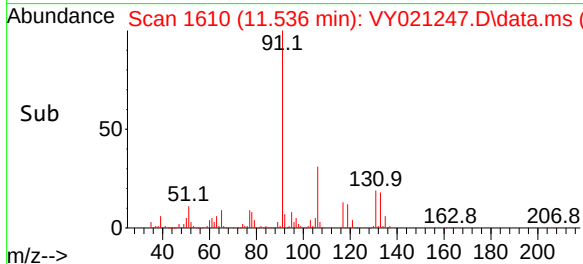
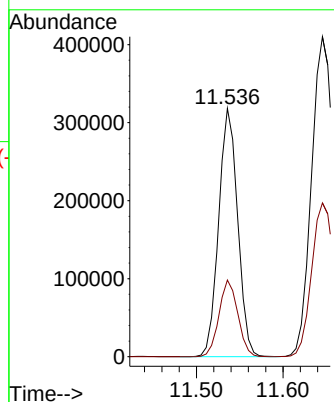
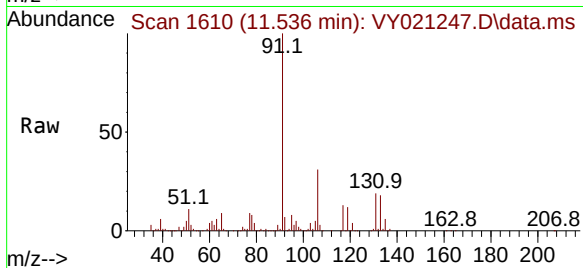
ClientSampleId :

Tgt Ion: 91 Resp: 484643

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 99.629 ug/l

RT: 11.645 min Scan# 1628

Delta R.T. 0.012 min

Lab File: VY021247.D

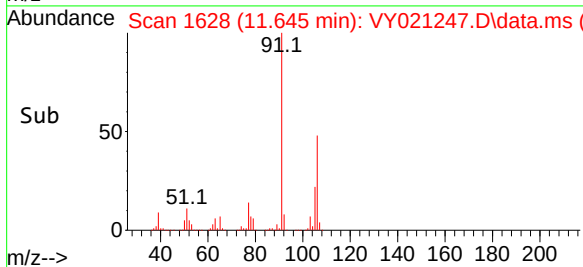
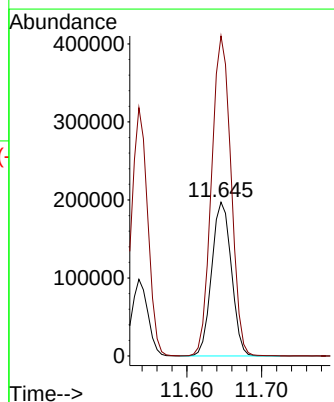
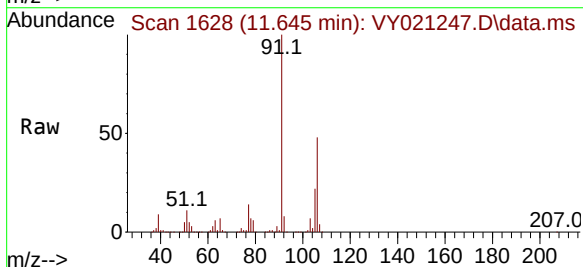
Acq: 20 Feb 2025 14:04

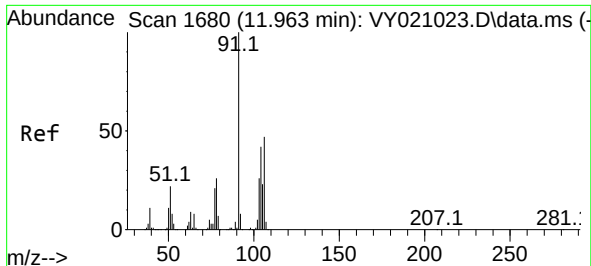
Tgt Ion:106 Resp: 361045

Ion Ratio Lower Upper

106 100

91 206.4 160.7 241.1

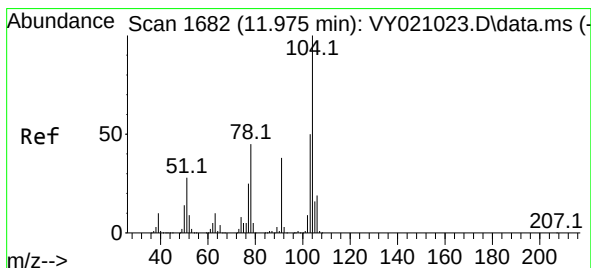
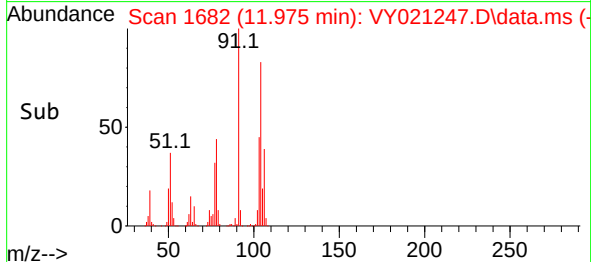
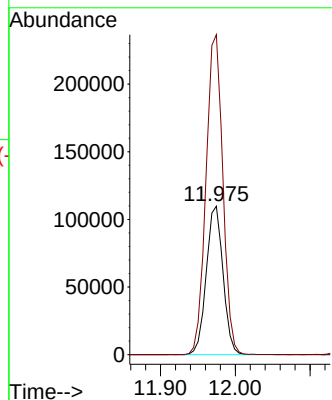
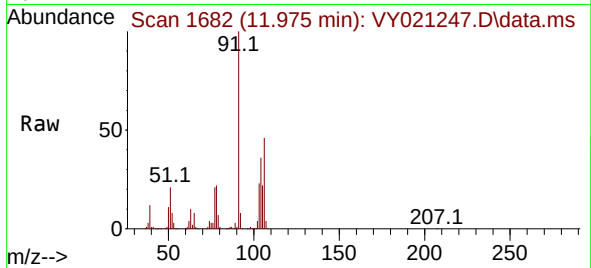




#69
o-Xylene
Concen: 50.505 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

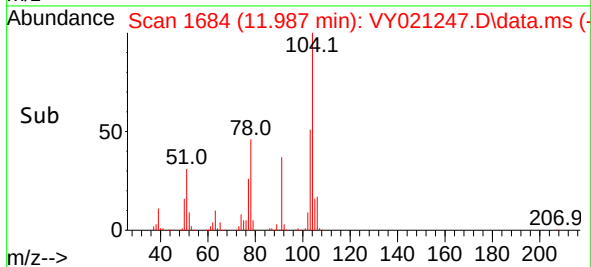
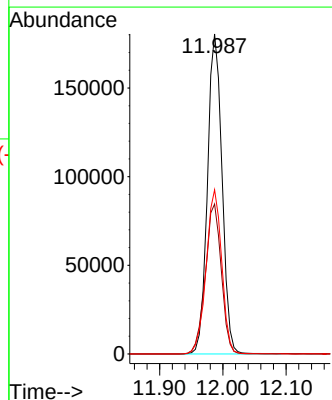
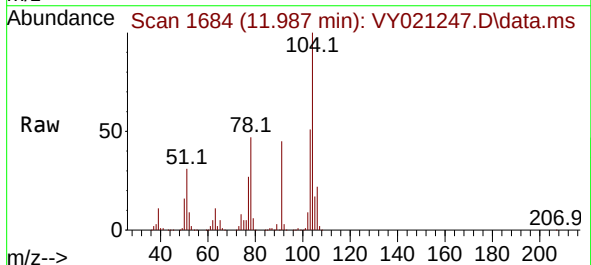
Instrument :
MSVOA_Y
ClientSampleId :

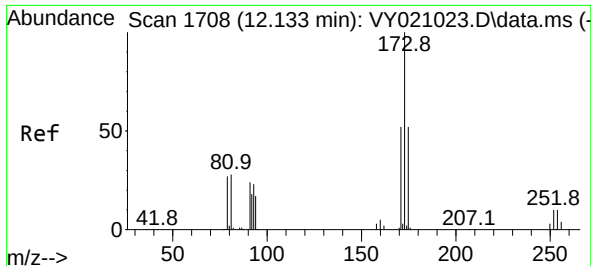
Tgt Ion:106 Resp: 170639
Ion Ratio Lower Upper
106 100
91 216.9 106.5 319.5



#70
Styrene
Concen: 51.387 ug/l
RT: 11.987 min Scan# 1684
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion:104 Resp: 289372
Ion Ratio Lower Upper
104 100
78 51.4 39.2 58.8
103 54.8 43.8 65.6

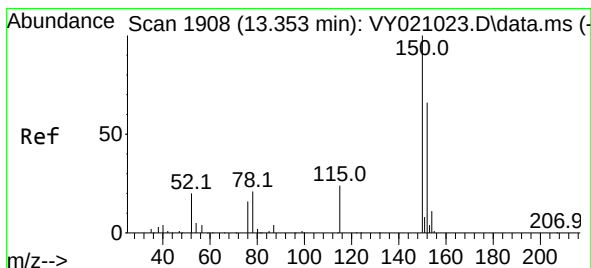
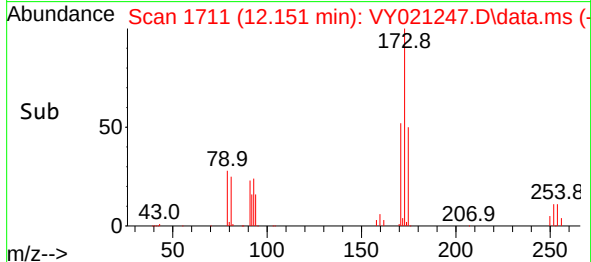
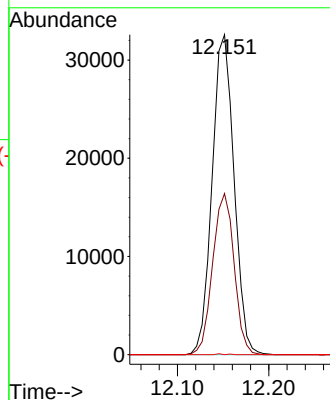
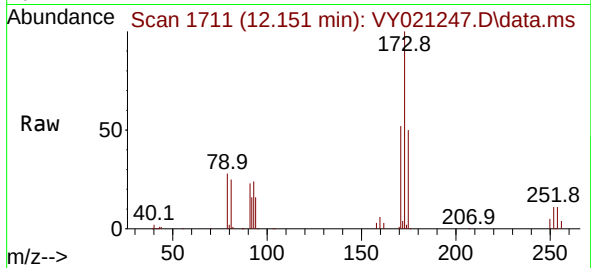




#71
Bromoform
Concen: 50.067 ug/l
RT: 12.151 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

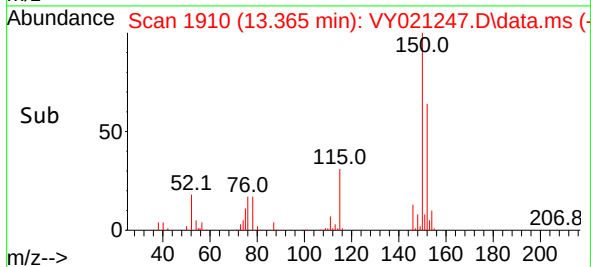
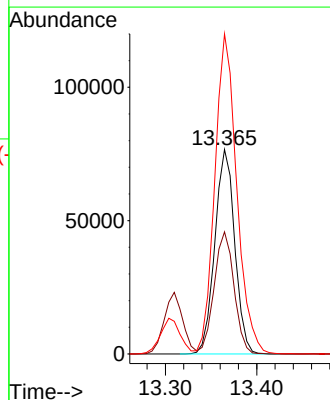
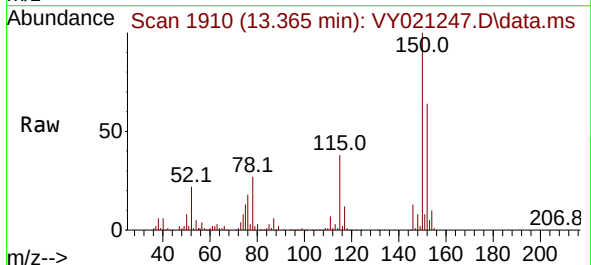
Instrument :
MSVOA_Y
ClientSampleId :

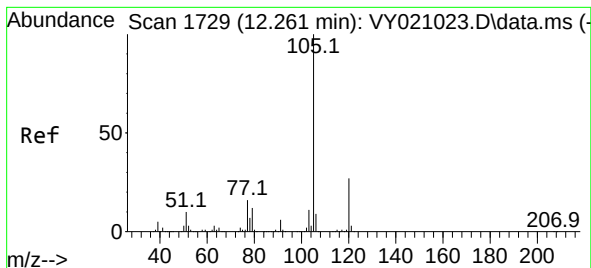
Tgt Ion:173 Resp: 54240
Ion Ratio Lower Upper
173 100
175 49.3 23.5 70.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion:152 Resp: 116013
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 172.9 0.0 344.6





#73

Isopropylbenzene

Concen: 51.160 ug/l

RT: 12.273 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

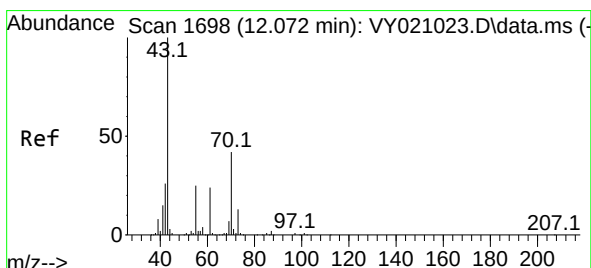
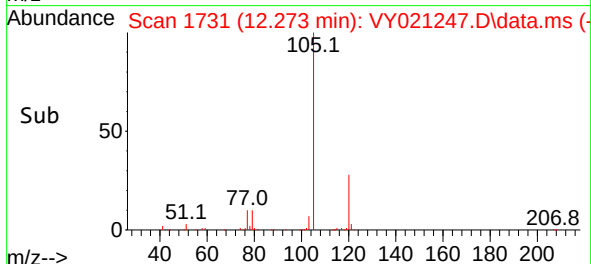
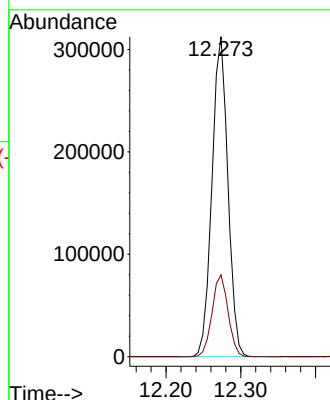
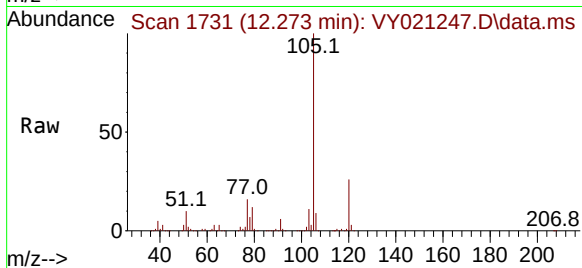
ClientSampleId :

Tgt Ion:105 Resp: 463626

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-amy1 acetate

Concen: 54.462 ug/l

RT: 12.090 min Scan# 1701

Delta R.T. 0.018 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Tgt Ion: 43 Resp: 107904

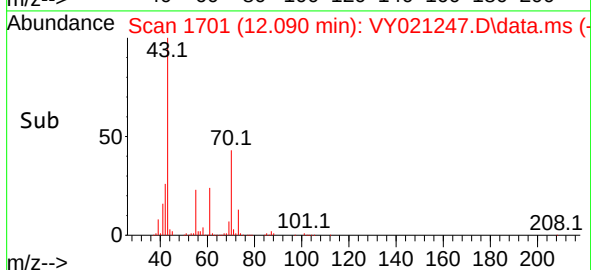
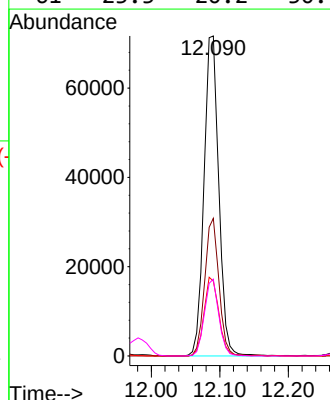
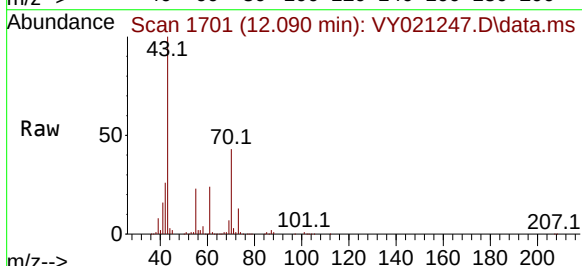
Ion Ratio Lower Upper

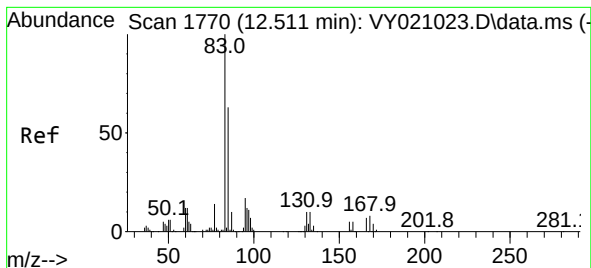
43 100

70 41.4 36.6 55.0

55 24.8 22.2 33.4

61 23.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.675 ug/l

RT: 12.523 min Scan# 1770

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

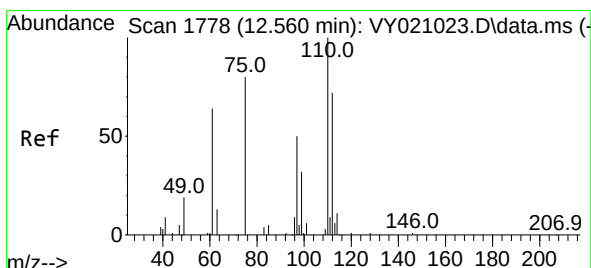
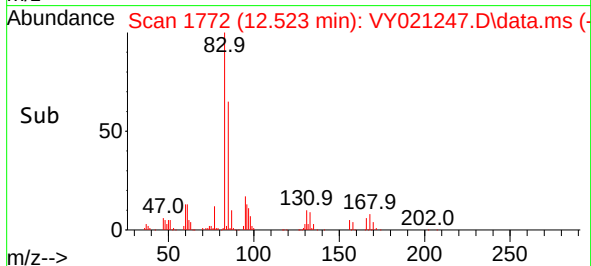
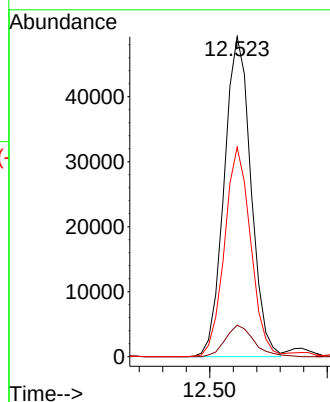
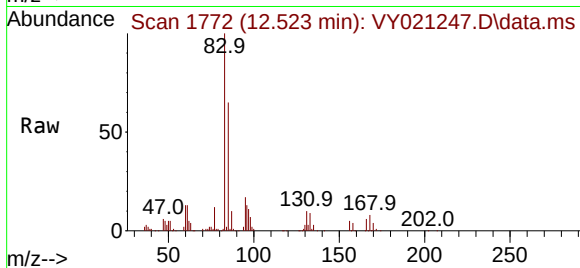
Tgt Ion: 83 Resp: 77883

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.6

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 96.976 ug/l

RT: 12.572 min Scan# 1780

Delta R.T. 0.012 min

Lab File: VY021247.D

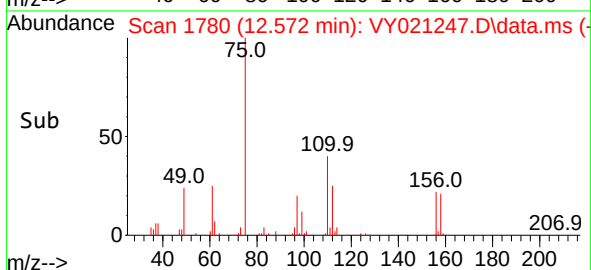
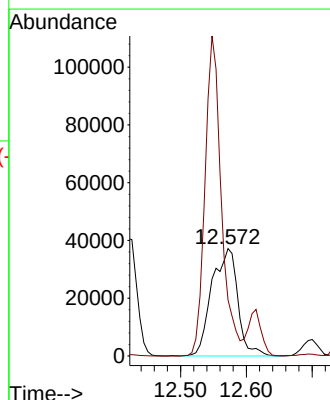
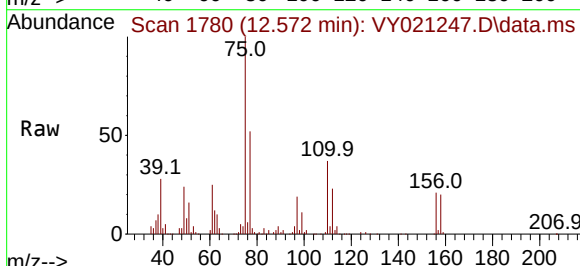
Acq: 20 Feb 2025 14:04

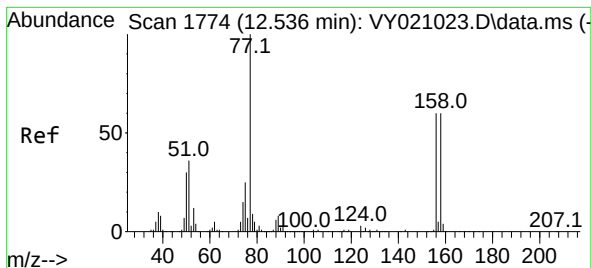
Tgt Ion: 75 Resp: 102056

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.760 ug/l

RT: 12.548 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

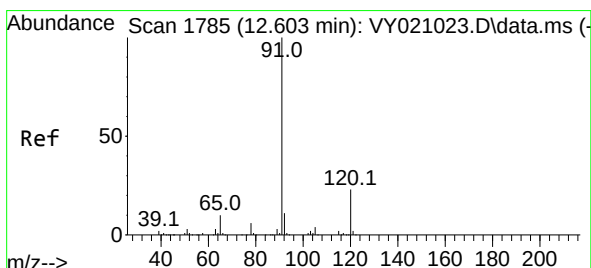
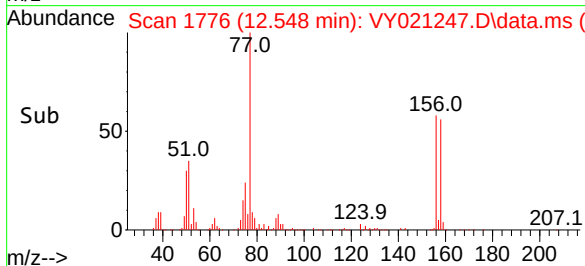
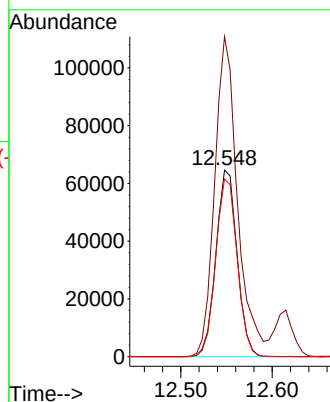
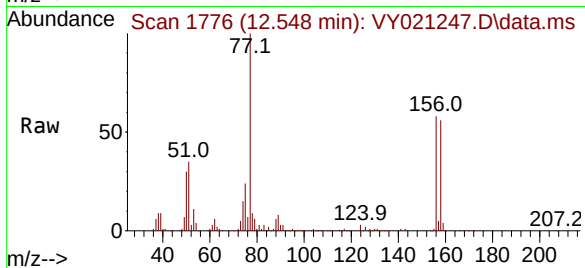
Tgt Ion:156 Resp: 104061

Ion Ratio Lower Upper

156 100

77 184.1 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 50.898 ug/l

RT: 12.615 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VY021247.D

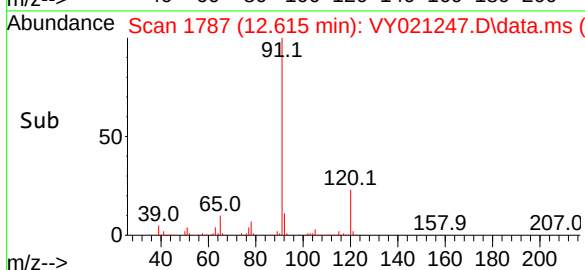
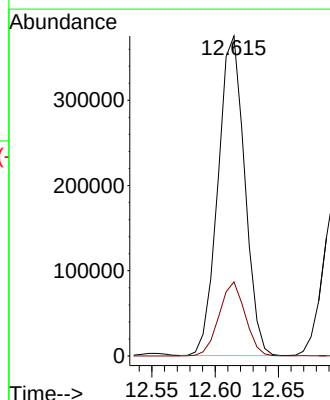
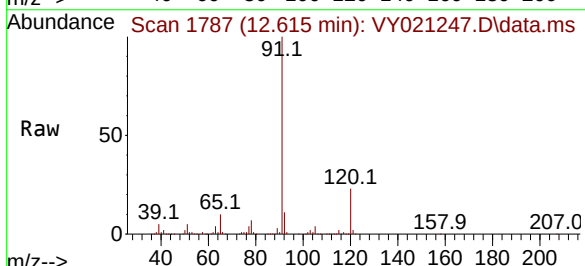
Acq: 20 Feb 2025 14:04

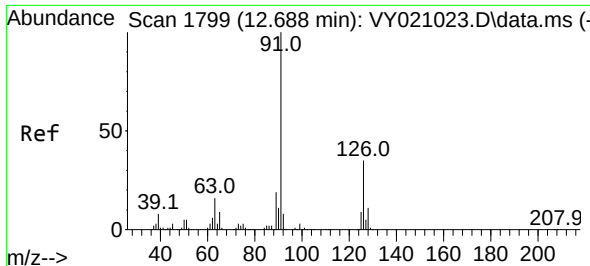
Tgt Ion: 91 Resp: 549460

Ion Ratio Lower Upper

91 100

120 22.6 11.0 33.0

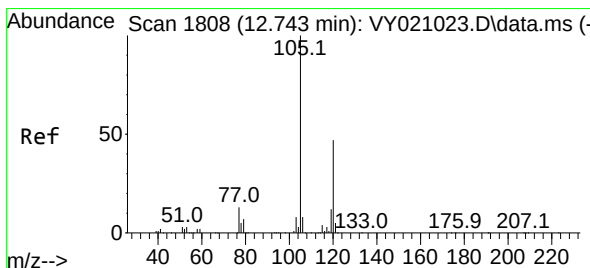
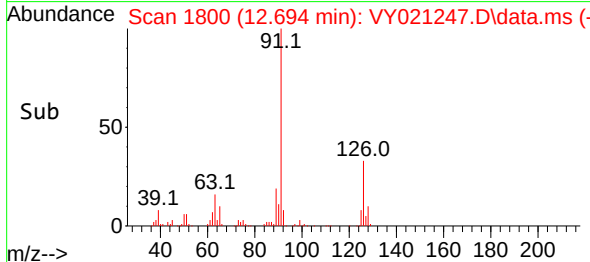
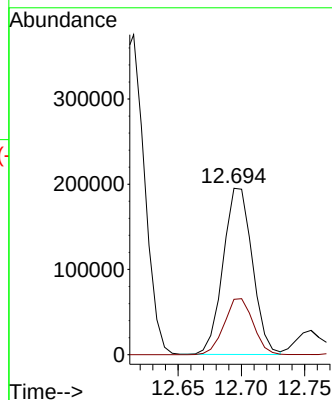
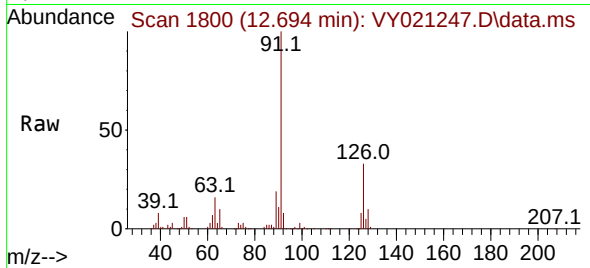




#79
2-Chlorotoluene
Concen: 50.794 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

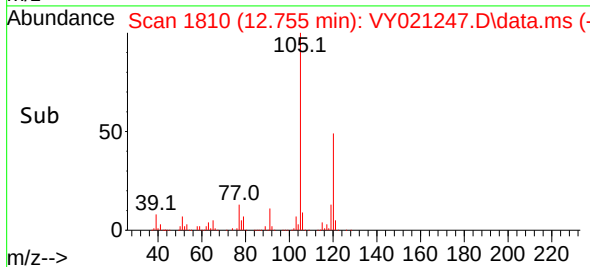
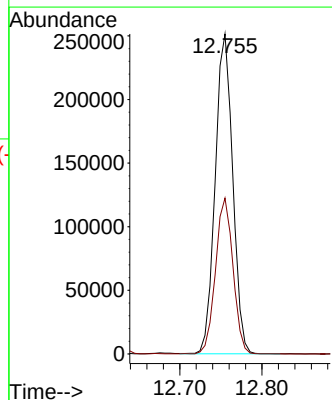
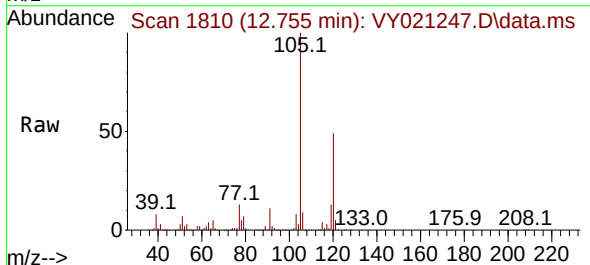
Instrument :
MSVOA_Y
ClientSampleId :

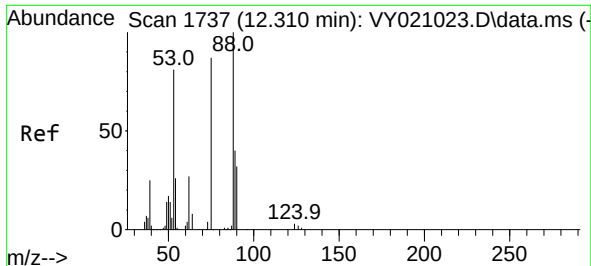
Tgt Ion: 91 Resp: 314055
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.688 ug/l
RT: 12.755 min Scan# 1810
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 105 Resp: 372424
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

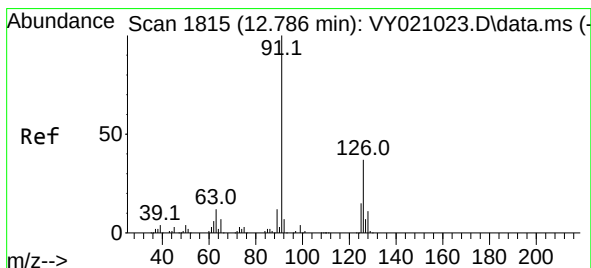
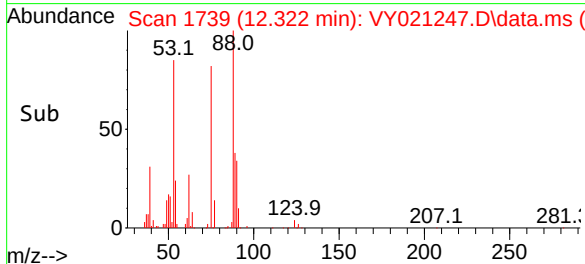
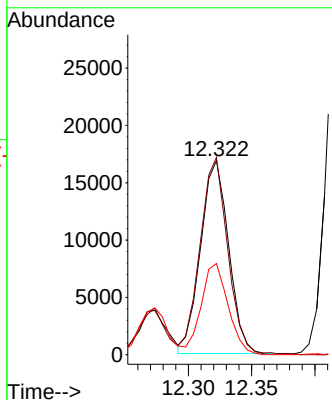
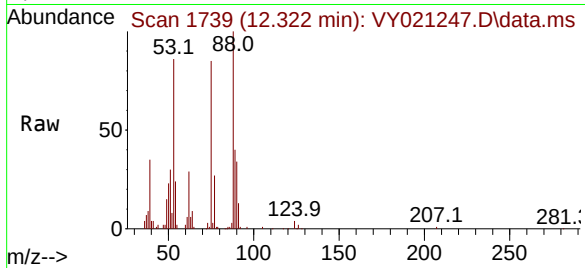




#81
trans-1,4-Dichloro-2-butene
Concen: 50.385 ug/l
RT: 12.322 min Scan# 1739
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

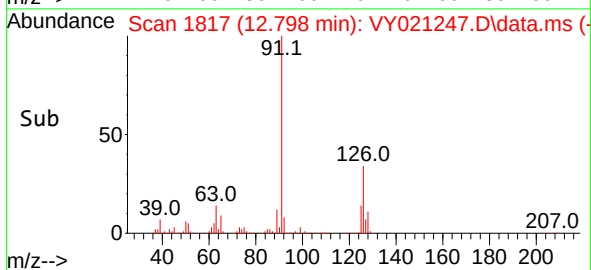
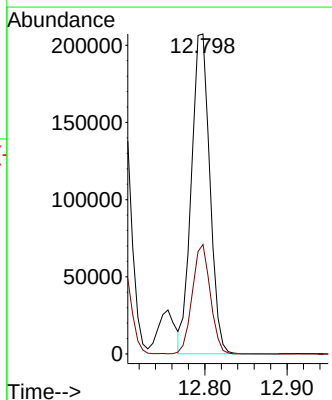
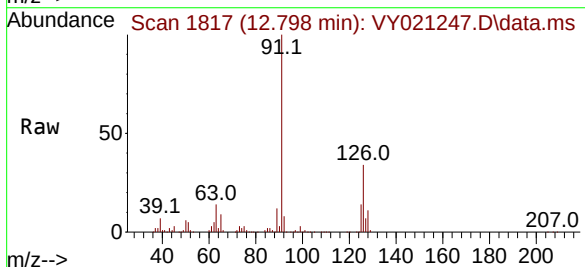
Instrument :
MSVOA_Y
ClientSampleId :

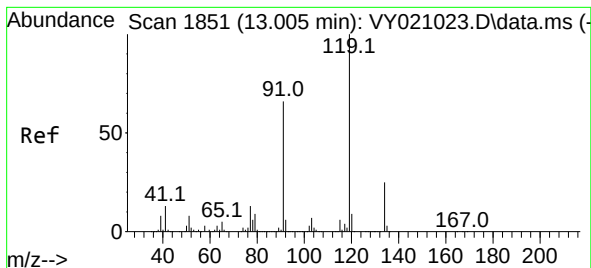
Tgt Ion: 75 Resp: 25986
Ion Ratio Lower Upper
75 100
53 101.3 74.0 111.0
89 45.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 51.276 ug/l
RT: 12.798 min Scan# 1817
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 91 Resp: 323012
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.891 ug/l

RT: 13.017 min Scan# 1853

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

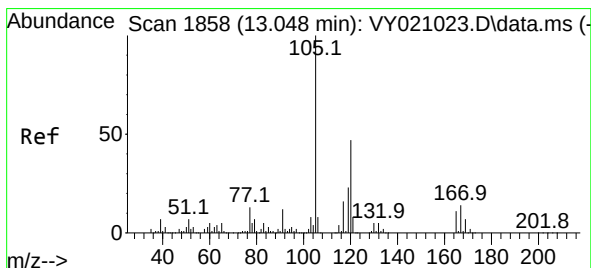
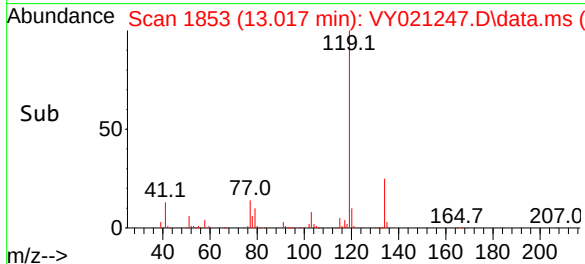
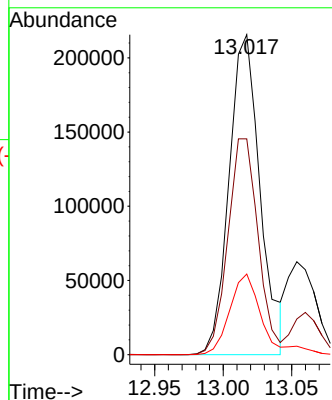
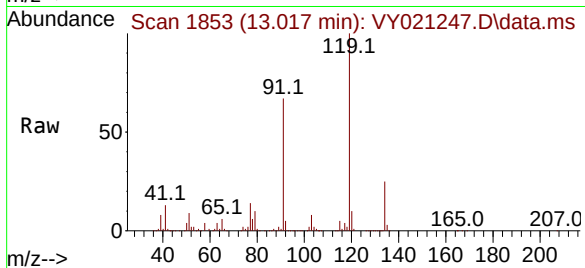
Tgt Ion:119 Resp: 339870

Ion Ratio Lower Upper

119 100

91 66.0 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.066 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. 0.012 min

Lab File: VY021247.D

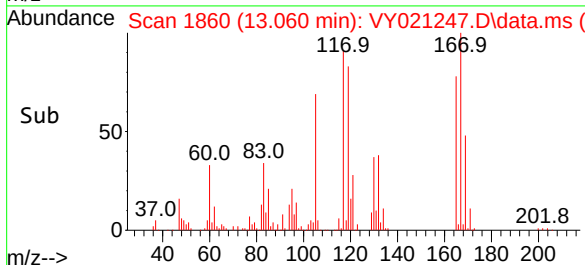
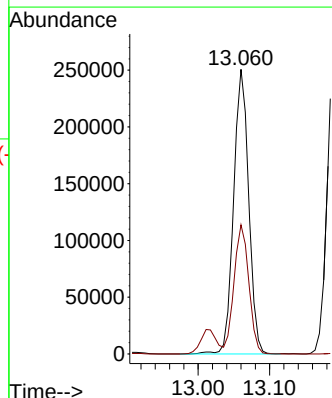
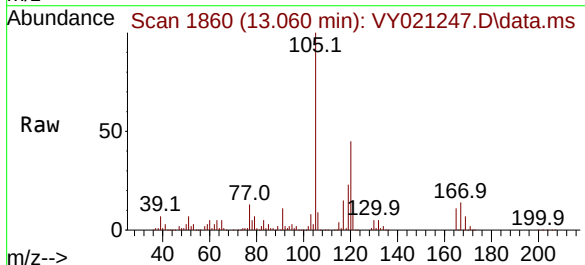
Acq: 20 Feb 2025 14:04

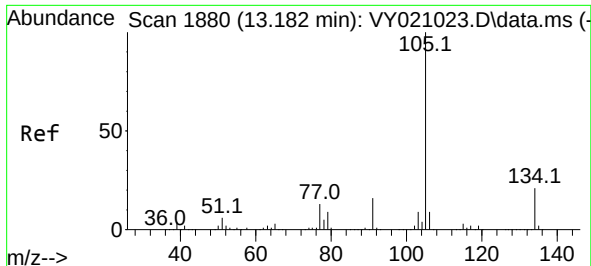
Tgt Ion:105 Resp: 366859

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3

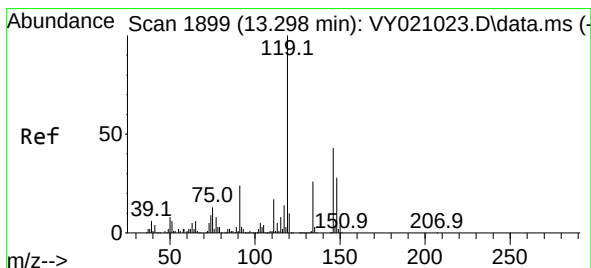
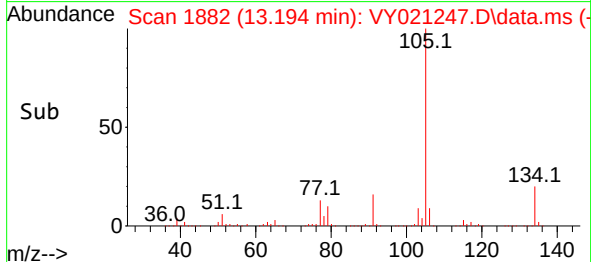
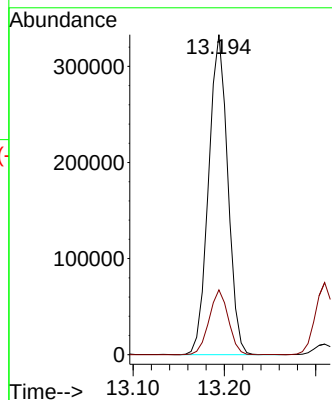
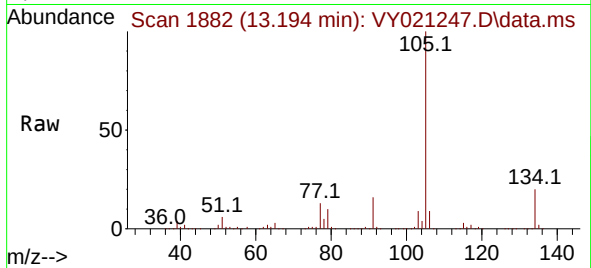




#85
 sec-Butylbenzene
 Concen: 50.581 ug/l
 RT: 13.194 min Scan# 1882
 Delta R.T. 0.012 min
 Lab File: VY021247.D
 Acq: 20 Feb 2025 14:04

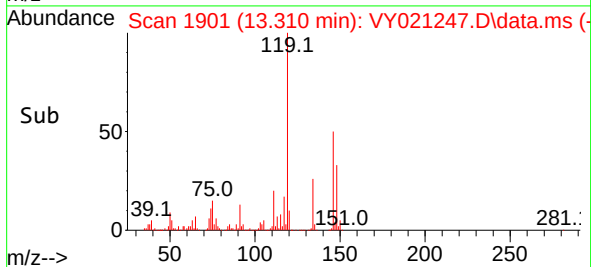
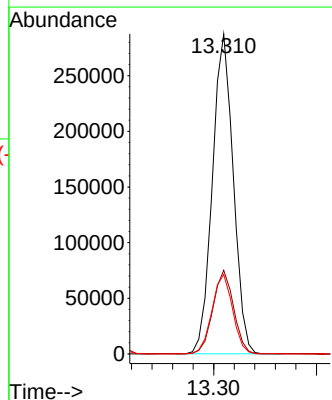
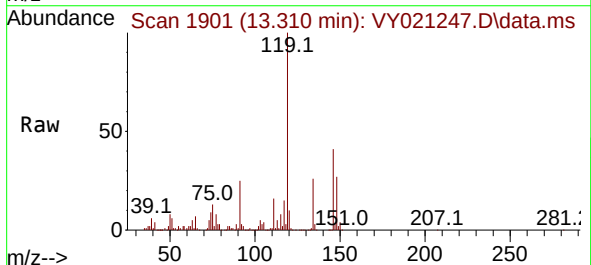
Instrument :
 MSVOA_Y
 ClientSampleId :

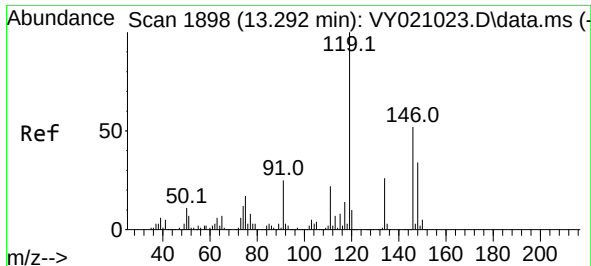
Tgt Ion:105 Resp: 486259
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.668 ug/l
 RT: 13.310 min Scan# 1901
 Delta R.T. 0.012 min
 Lab File: VY021247.D
 Acq: 20 Feb 2025 14:04

Tgt Ion:119 Resp: 404618
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 24.5 11.7 35.0

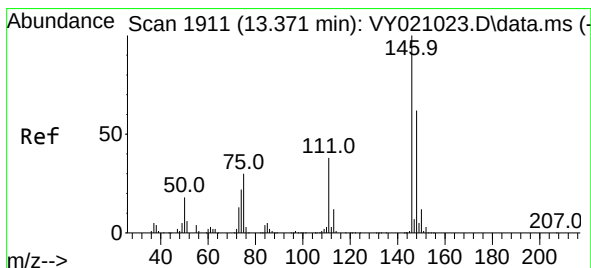
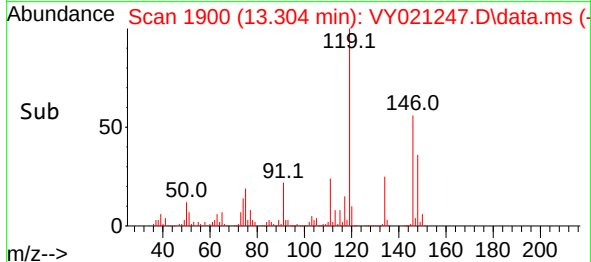
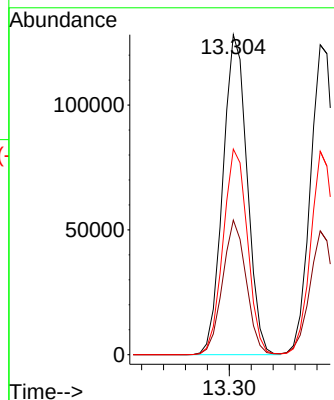
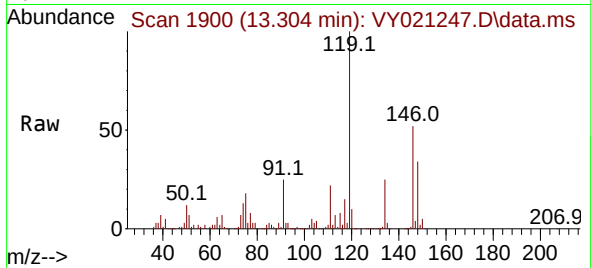




#87
1,3-Dichlorobenzene
Concen: 48.898 ug/l
RT: 13.304 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

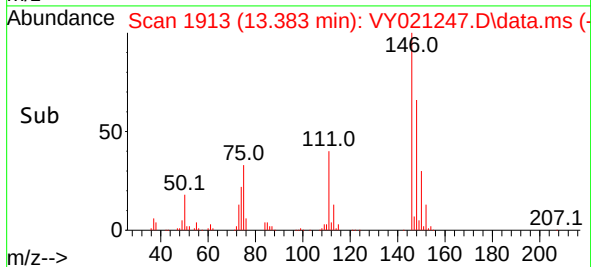
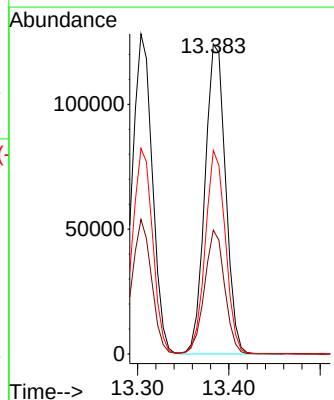
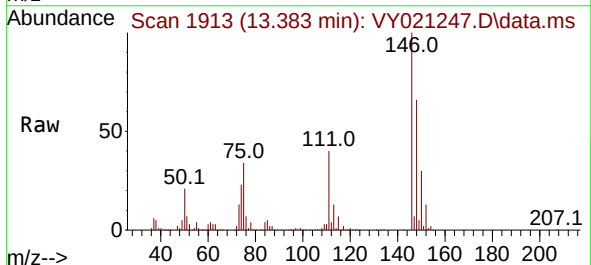
Instrument :
MSVOA_Y
ClientSampleId :

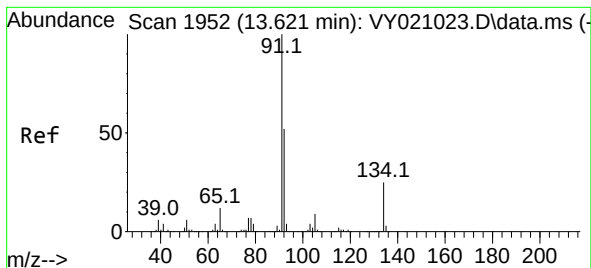
Tgt Ion:146 Resp: 197446
Ion Ratio Lower Upper
146 100
111 40.8 20.2 60.5
148 64.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 48.818 ug/l
RT: 13.383 min Scan# 1913
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion:146 Resp: 194091
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 52.037 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

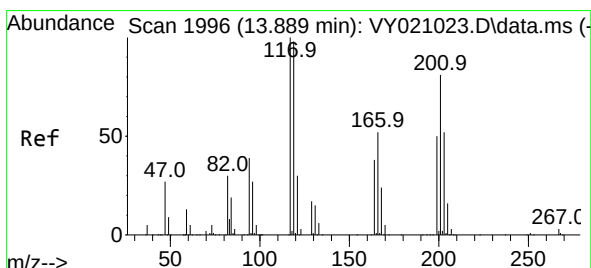
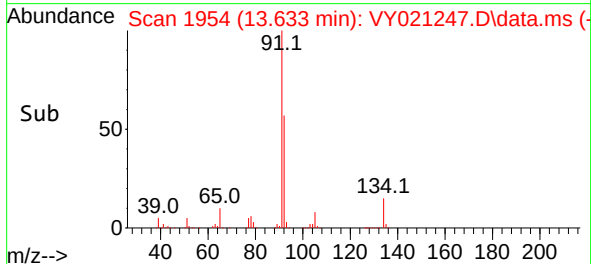
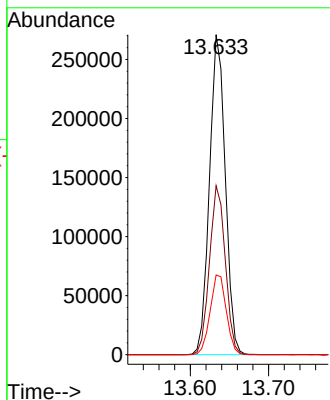
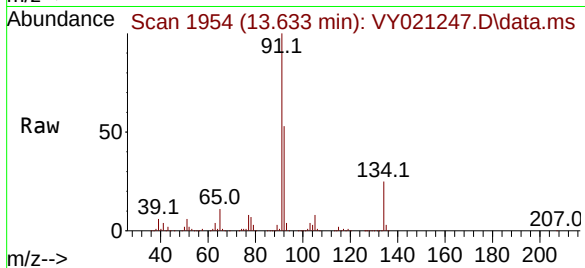
Tgt Ion: 91 Resp: 379096

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.5 12.3 36.8



#90

Hexachloroethane

Concen: 50.259 ug/l

RT: 13.901 min Scan# 1998

Delta R.T. 0.012 min

Lab File: VY021247.D

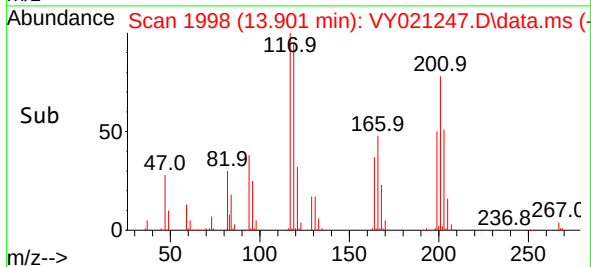
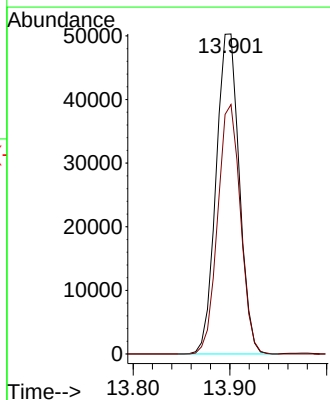
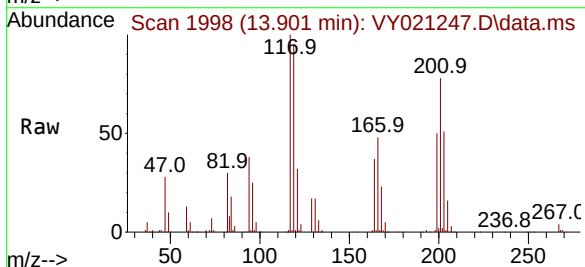
Acq: 20 Feb 2025 14:04

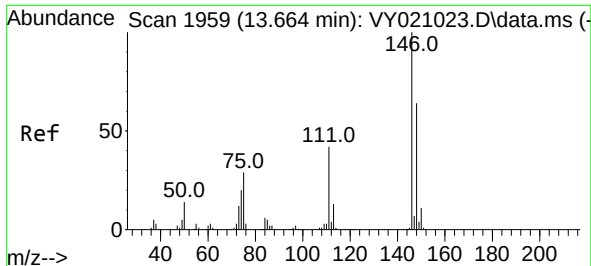
Tgt Ion: 117 Resp: 83728

Ion Ratio Lower Upper

117 100

201 76.4 33.4 100.1

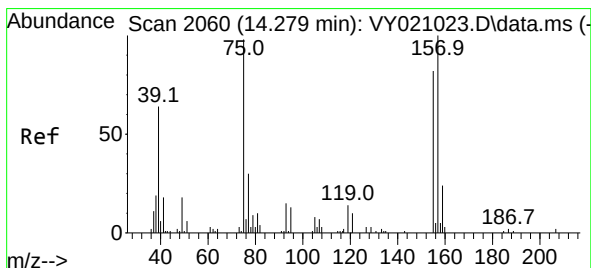
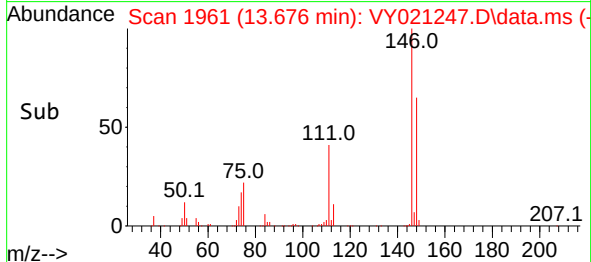
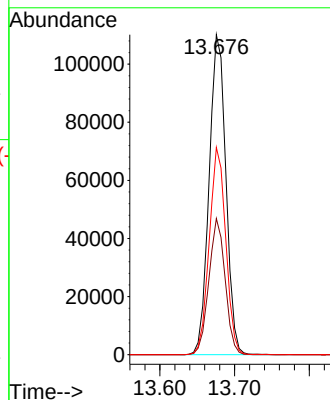
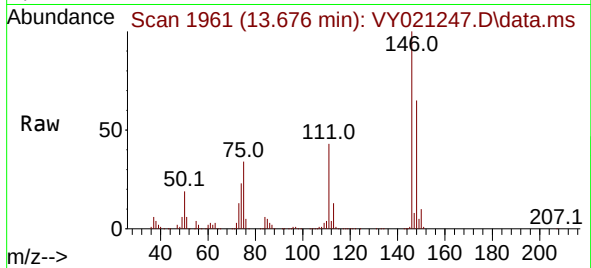




#91
1,2-Dichlorobenzene
Concen: 49.054 ug/l
RT: 13.676 min Scan# 1959
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

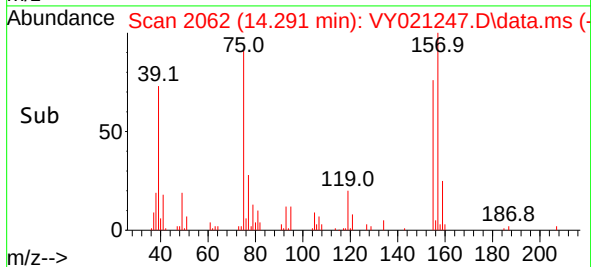
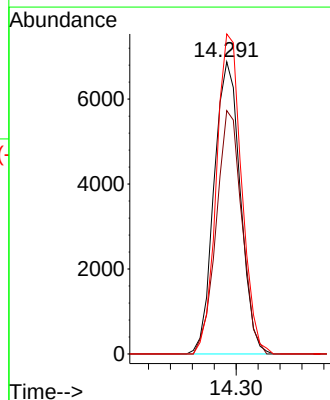
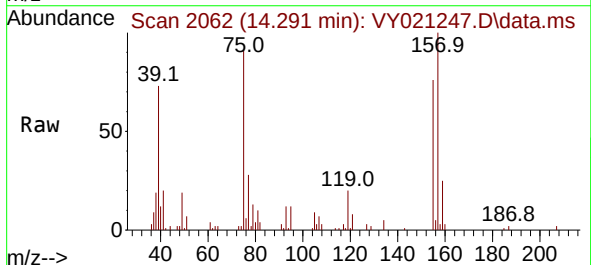
Instrument :
MSVOA_Y
ClientSampleId :

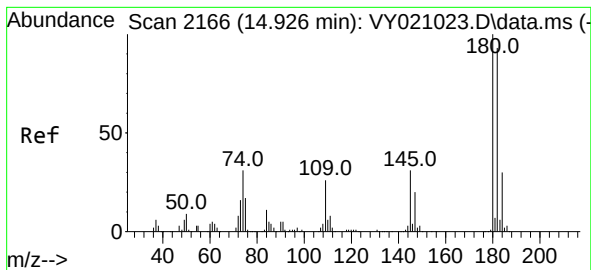
Tgt Ion:146 Resp: 171920
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.8 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.811 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. 0.012 min
Lab File: VY021247.D
Acq: 20 Feb 2025 14:04

Tgt Ion: 75 Resp: 11444
Ion Ratio Lower Upper
75 100
155 81.1 42.1 126.3
157 105.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.661 ug/l

RT: 14.938 min Scan# 2168

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

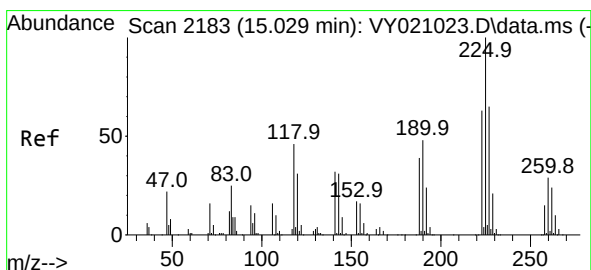
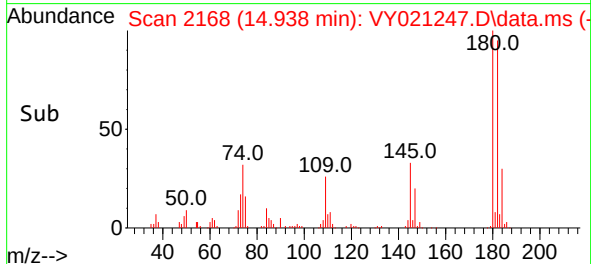
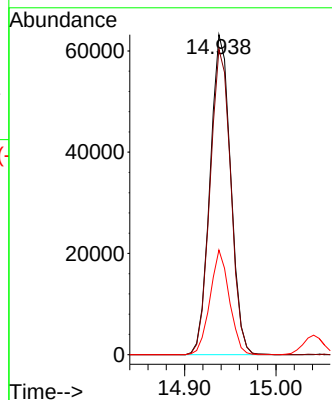
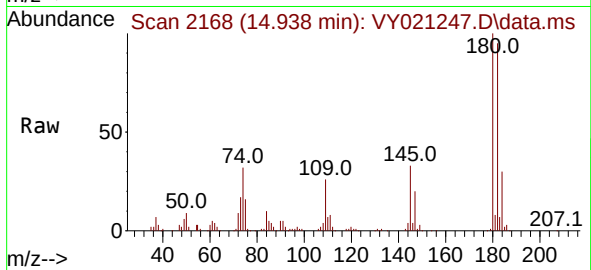
Tgt Ion:180 Resp: 98831

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 30.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.584 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

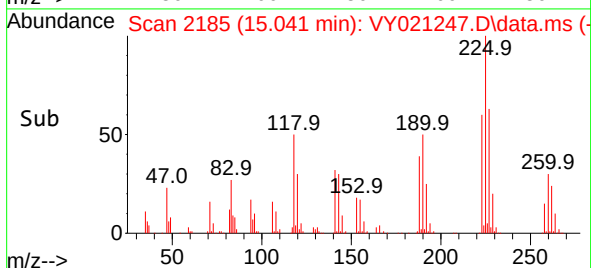
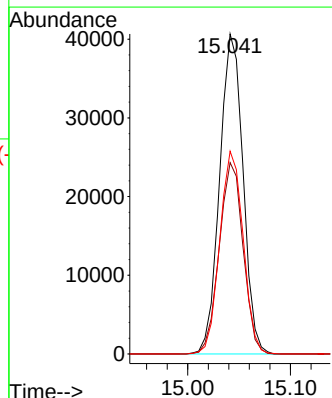
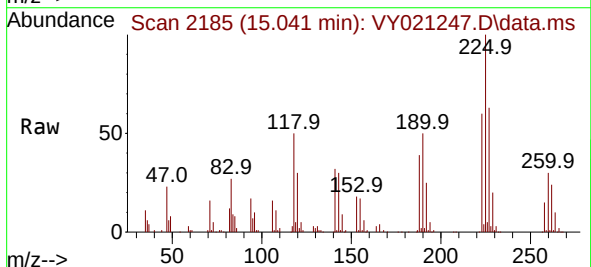
Tgt Ion:225 Resp: 64101

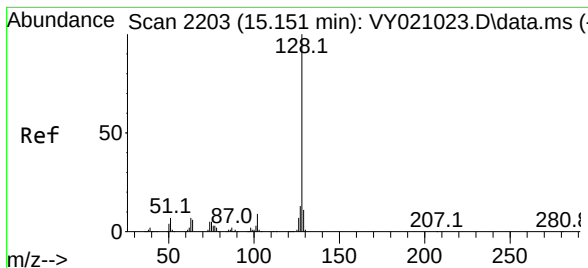
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.3

227 63.5 32.3 96.8





#95

Naphthalene

Concen: 53.258 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

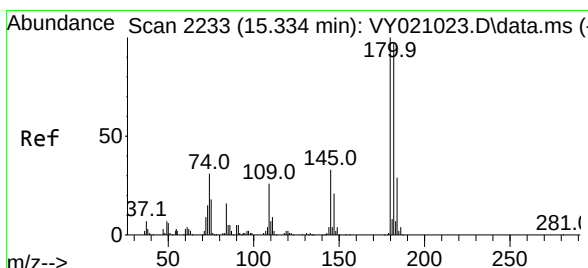
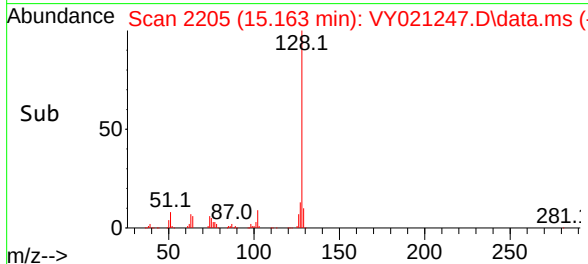
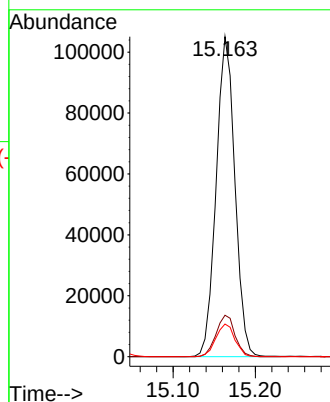
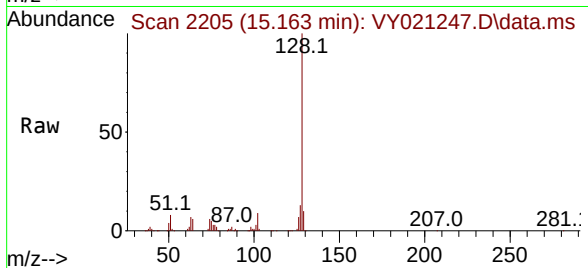
Tgt Ion:128 Resp: 166223

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.566 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY021247.D

Acq: 20 Feb 2025 14:04

Tgt Ion:180 Resp: 82093

Ion Ratio Lower Upper

180 100

182 95.5 46.3 138.8

145 31.6 16.1 48.2

