

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021029.D
 Acq On : 03 Feb 2025 14:55
 Operator : SY/MD
 Sample : VY0203SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:54:53 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	7.713	168	208053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	315310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	127785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	97921	45.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.640	113	98626	48.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.109	98	386321	50.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.414	95	124856	49.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.360%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	33566	18.101	ug/l 94
3) Chloromethane	2.074	50	33212	18.150	ug/l 94
4) Vinyl Chloride	2.208	62	32799	17.808	ug/l 99
5) Bromomethane	2.598	94	20799	18.272	ug/l 98
6) Chloroethane	2.745	64	19197	17.510	ug/l 99
7) Trichlorofluoromethane	3.068	101	60637	18.072	ug/l 98
8) Diethyl Ether	3.458	74	17435	16.645	ug/l 99
9) 1,1,2-Trichlorotrifluo...	3.824	101	38883	18.464	ug/l 97
10) Methyl Iodide	4.013	142	36813	15.735	ug/l 92
11) Tert butyl alcohol	4.860	59	13246	91.697	ug/l # 95
12) 1,1-Dichloroethene	3.799	96	35767	18.030	ug/l 86
13) Acrolein	3.659	56	19847	89.223	ug/l 97
14) Allyl chloride	4.391	41	59324	17.744	ug/l 97
15) Acrylonitrile	5.073	53	35734	81.924	ug/l 98
16) Acetone	3.878	43	27822	83.693	ug/l 94
17) Carbon Disulfide	4.116	76	110086	17.697	ug/l 99
18) Methyl Acetate	4.384	43	17945	15.377	ug/l 98
19) Methyl tert-butyl Ether	5.122	73	80945	16.144	ug/l 100
20) Methylene Chloride	4.628	84	35372	17.116	ug/l 95
21) trans-1,2-Dichloroethene	5.128	96	39102	17.907	ug/l 98
22) Diisopropyl ether	6.024	45	120509	17.487	ug/l 96
23) Vinyl Acetate	5.970	43	315737	82.189	ug/l 98
24) 1,1-Dichloroethane	5.927	63	70952	17.573	ug/l 98
25) 2-Butanone	6.896	43	42955	78.633	ug/l 99
26) 2,2-Dichloropropane	6.896	77	67210	17.991	ug/l 97
27) cis-1,2-Dichloroethene	6.896	96	43736	17.401	ug/l 91
28) Bromochloromethane	7.250	49	26252	16.443	ug/l 95
29) Tetrahydrofuran	7.268	42	29686	80.310	ug/l 93
30) Chloroform	7.427	83	72698	17.530	ug/l 100
31) Cyclohexane	7.707	56	64723	17.801	ug/l 96
32) 1,1,1-Trichloroethane	7.622	97	69619	18.056	ug/l 99
36) 1,1-Dichloropropene	7.847	75	55441	18.523	ug/l 99
37) Ethyl Acetate	6.994	43	21746	16.562	ug/l 100
38) Carbon Tetrachloride	7.823	117	63009	18.017	ug/l 98
39) Methylcyclohexane	9.115	83	67910	18.549	ug/l 99
40) Benzene	8.085	78	158805	18.080	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	10331	13.600	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	41230	16.921	ug/l	97
43) Isopropyl Acetate	8.201	43	42135	16.150	ug/l #	86
44) Trichloroethene	8.871	130	41078	18.102	ug/l	97
45) 1,2-Dichloropropane	9.146	63	36704	17.606	ug/l	94
46) Dibromomethane	9.237	93	19335	16.751	ug/l	96
47) Bromodichloromethane	9.426	83	53347	17.232	ug/l	97
48) Methyl methacrylate	9.225	41	19198	16.154	ug/l	97
49) 1,4-Dioxane	9.237	88	3601	335.115	ug/l	89
51) 4-Methyl-2-Pentanone	10.005	43	104184	79.410	ug/l	96
52) Toluene	10.176	92	99825	18.100	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	47648	17.141	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	57532	17.480	ug/l	93
55) 1,1,2-Trichloroethane	10.578	97	24888	16.650	ug/l	97
56) Ethyl methacrylate	10.444	69	31090	15.548	ug/l	91
57) 1,3-Dichloropropane	10.725	76	43745	16.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	74540	78.355	ug/l	98
59) 2-Hexanone	10.767	43	64809	76.721	ug/l	97
60) Dibromochloromethane	10.914	129	34720	16.540	ug/l	98
61) 1,2-Dibromoethane	11.017	107	23426	16.732	ug/l	99
64) Tetrachloroethene	10.652	164	36914	18.735	ug/l	96
65) Chlorobenzene	11.450	112	104718	17.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	37479	17.845	ug/l	97
67) Ethyl Benzene	11.523	91	192965	18.460	ug/l	98
68) m/p-Xylenes	11.633	106	145288	37.154	ug/l	98
69) o-Xylene	11.962	106	66425	18.220	ug/l	97
70) Styrene	11.975	104	110443	18.175	ug/l	98
71) Bromoform	12.139	173	19886	17.011	ug/l #	100
73) Isopropylbenzene	12.261	105	186604	18.694	ug/l	100
74) N-amyl acetate	12.078	43	35266	16.160	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	27202	16.386	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	36818	31.762	ug/l #	100
77) Bromobenzene	12.535	156	40125	17.419	ug/l	92
78) n-propylbenzene	12.602	91	223020	18.756	ug/l	99
79) 2-Chlorotoluene	12.688	91	123088	18.074	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	149063	18.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9246	16.276	ug/l	96
82) 4-Chlorotoluene	12.785	91	126164	18.183	ug/l	100
83) tert-Butylbenzene	13.005	119	135542	18.426	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	148583	18.777	ug/l	100
85) sec-Butylbenzene	13.182	105	198955	18.789	ug/l	98
86) p-Isopropyltoluene	13.297	119	166473	18.926	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	81089	18.232	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	78352	17.892	ug/l	97
89) n-Butylbenzene	13.627	91	153379	19.114	ug/l	100
90) Hexachloroethane	13.889	117	34059	18.561	ug/l	87
91) 1,2-Dichlorobenzene	13.669	146	67516	17.490	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4129	16.644	ug/l	92
93) 1,2,4-Trichlorobenzene	14.931	180	37507	17.455	ug/l	99
94) Hexachlorobutadiene	15.029	225	26939	18.919	ug/l	99
95) Naphthalene	15.151	128	54539	15.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	30900	17.280	ug/l	98

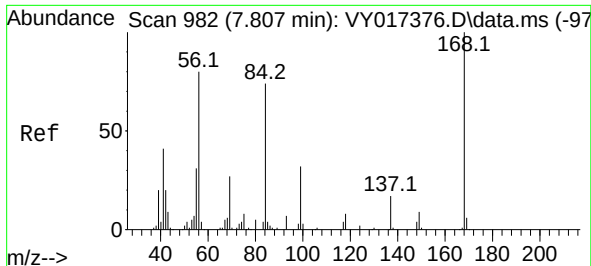
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
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Response via : Initial Calibration

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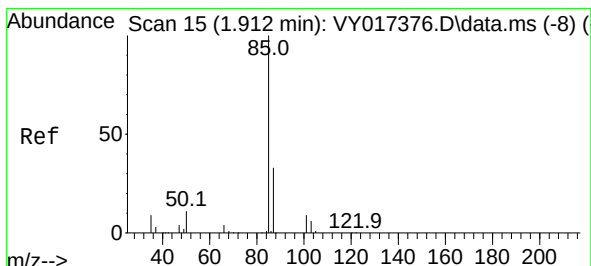
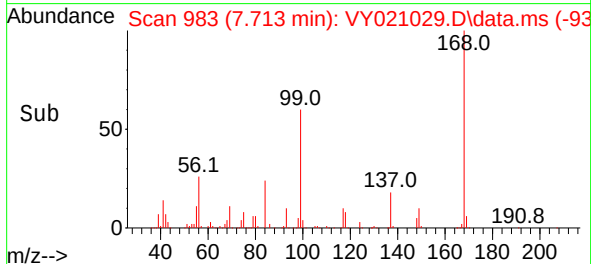
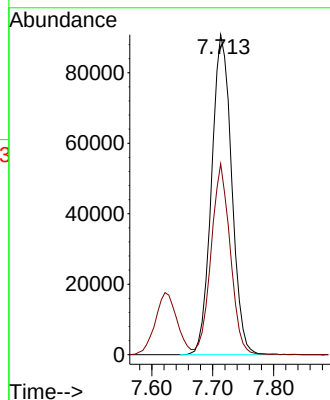
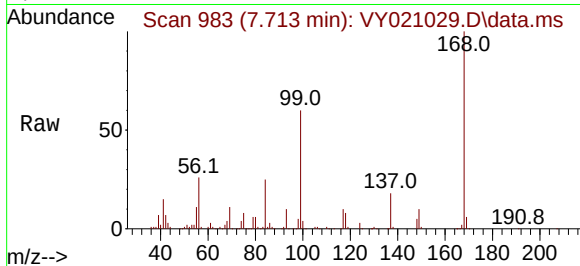
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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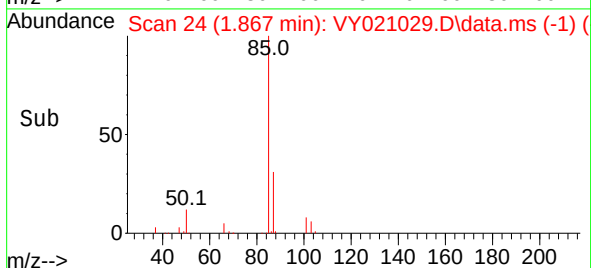
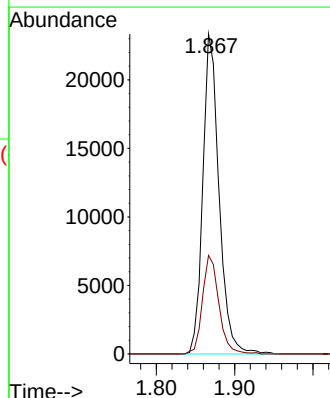
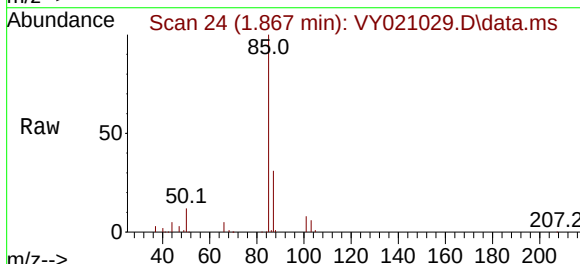
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MSVOA_Y
ClientSampleId :

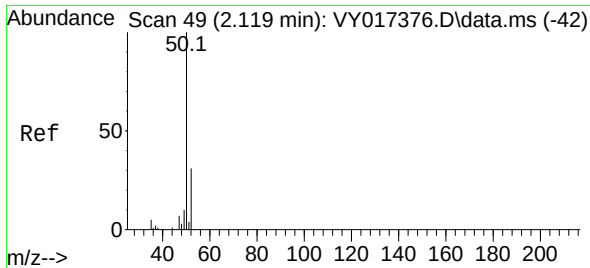
Tgt Ion:168 Resp: 208053
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.101 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

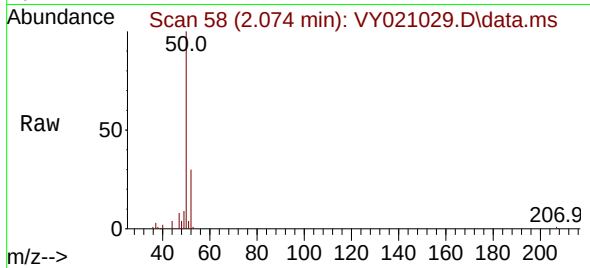
Tgt Ion: 85 Resp: 33566
Ion Ratio Lower Upper
85 100
87 30.8 17.1 51.3



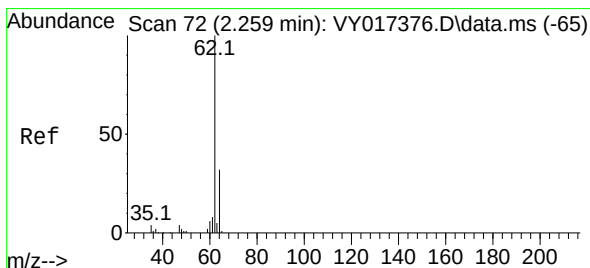
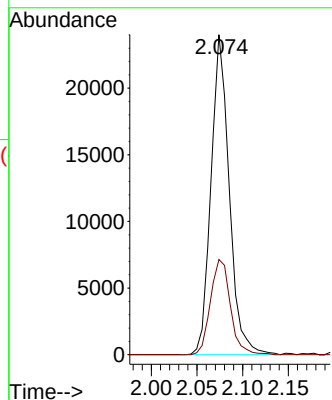
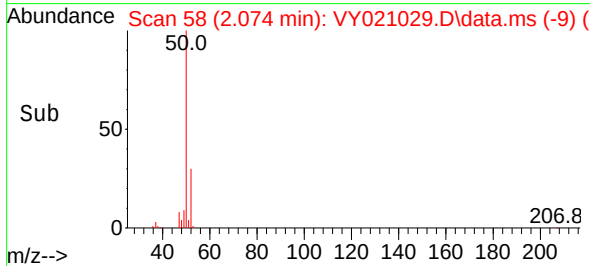


#3
Chloromethane
Concen: 18.150 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

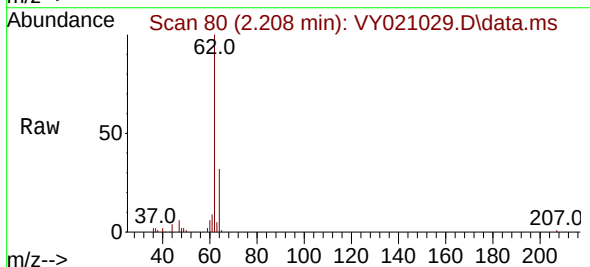
Instrument :
MSVOA_Y
ClientSampleId :



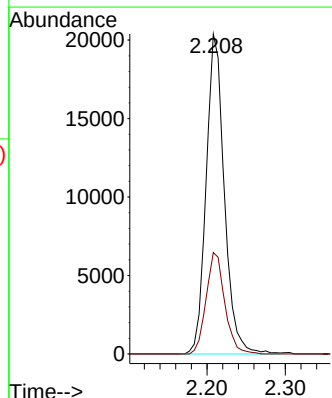
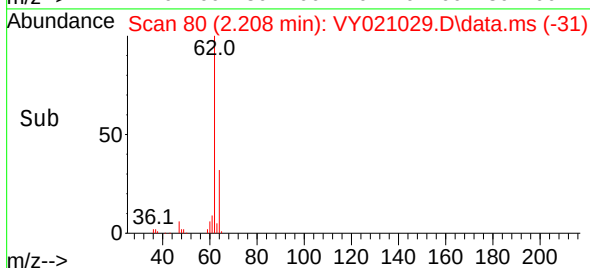
Tgt Ion: 50 Resp: 33212
Ion Ratio Lower Upper
50 100
52 29.7 26.7 40.1

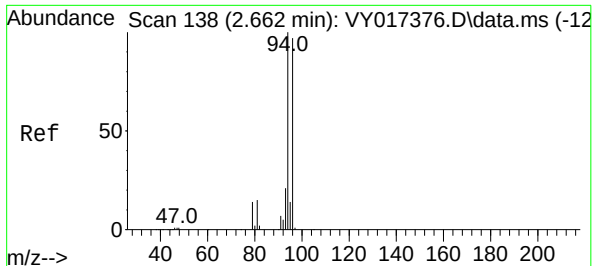


#4
Vinyl Chloride
Concen: 17.808 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55



Tgt Ion: 62 Resp: 32799
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

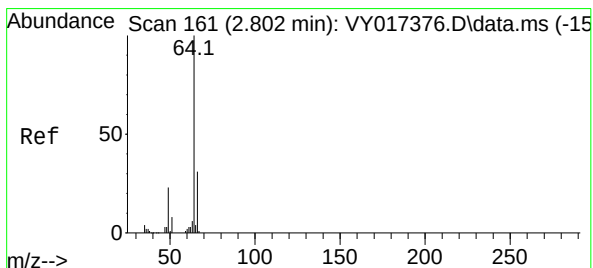
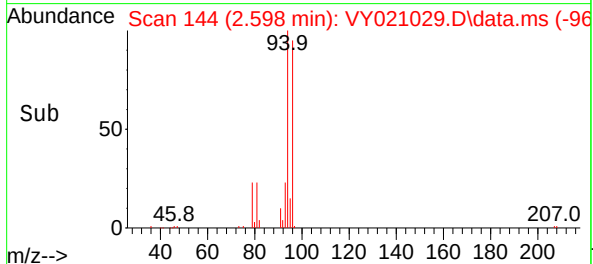
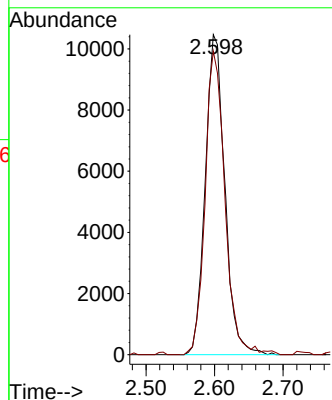
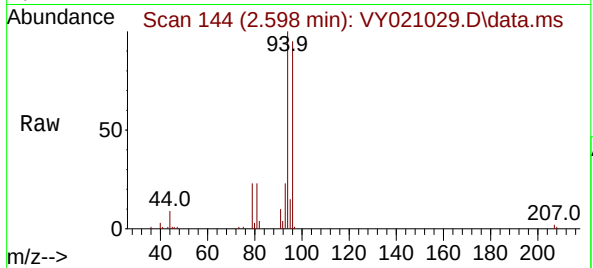




#5
Bromomethane
Concen: 18.272 ug/l
RT: 2.598 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

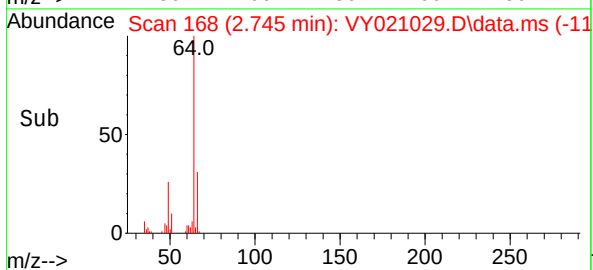
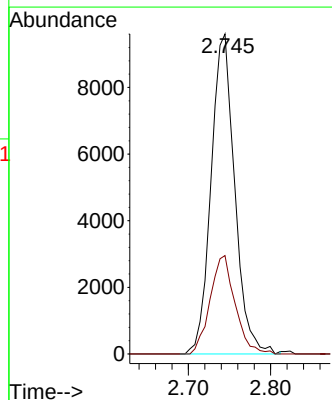
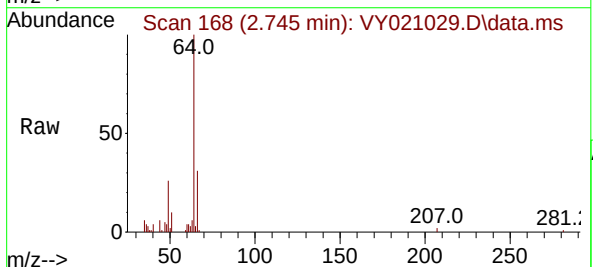
Instrument :
MSVOA_Y
ClientSampleId :

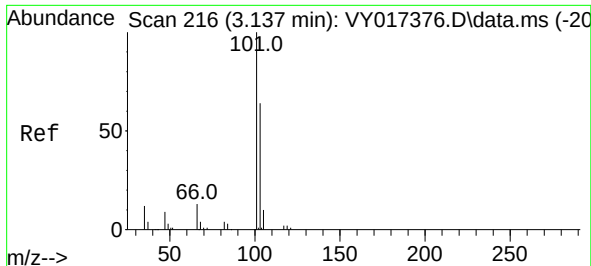
Tgt Ion: 94 Resp: 20799
Ion Ratio Lower Upper
94 100
96 94.8 77.3 115.9



#6
Chloroethane
Concen: 17.510 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

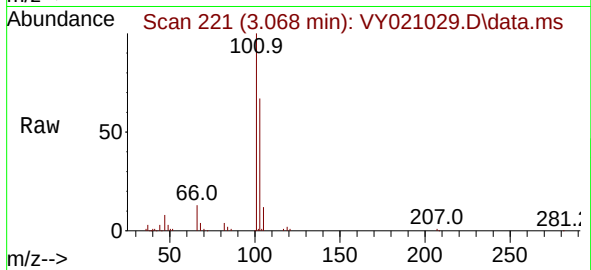
Tgt Ion: 64 Resp: 19197
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7



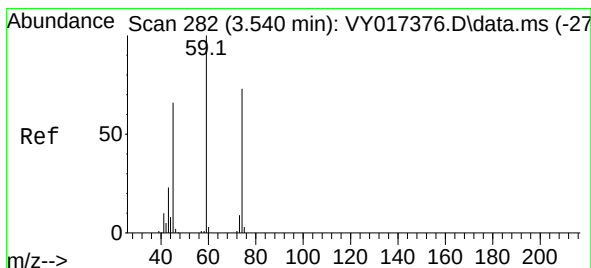
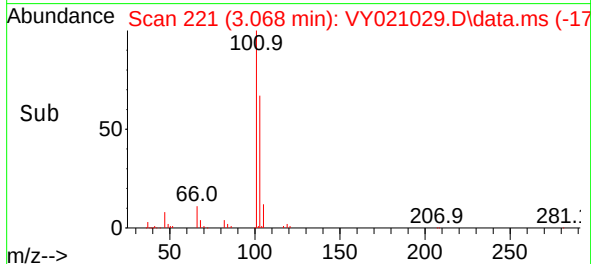
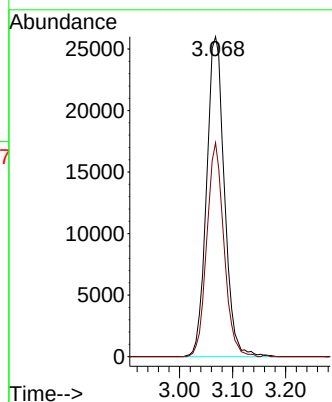


#7
Trichlorofluoromethane
Concen: 18.072 ug/l
RT: 3.068 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY021029.D
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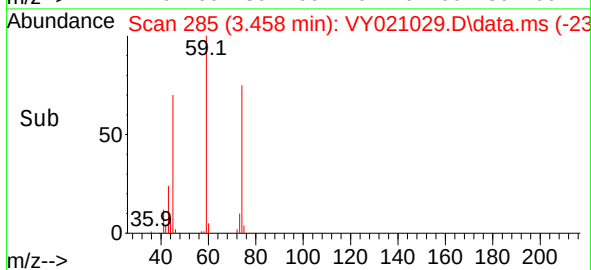
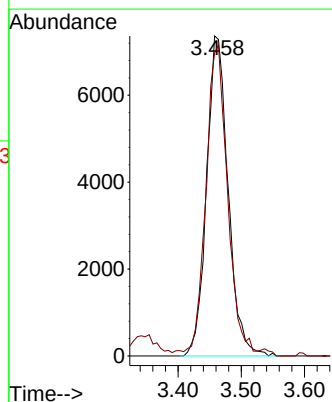
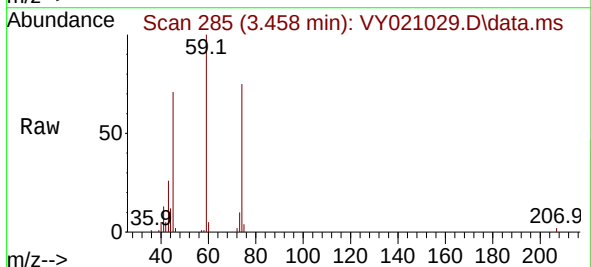


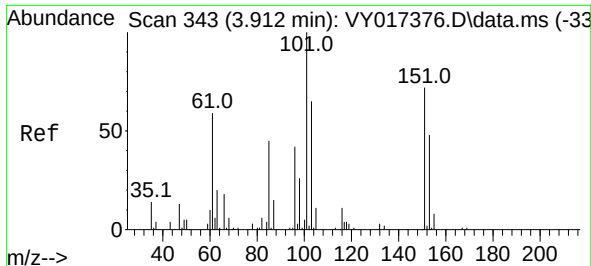
Tgt Ion:101 Resp: 60637
Ion Ratio Lower Upper
101 100
103 66.9 51.9 77.9



#8
Diethyl Ether
Concen: 16.645 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 74 Resp: 17435
Ion Ratio Lower Upper
74 100
45 94.6 47.9 143.7

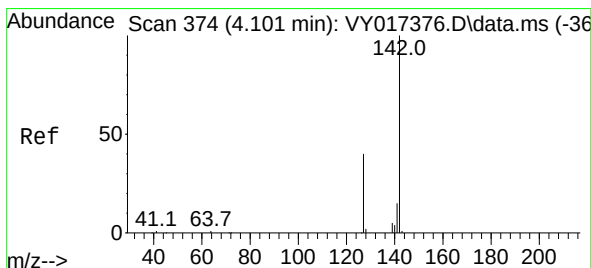
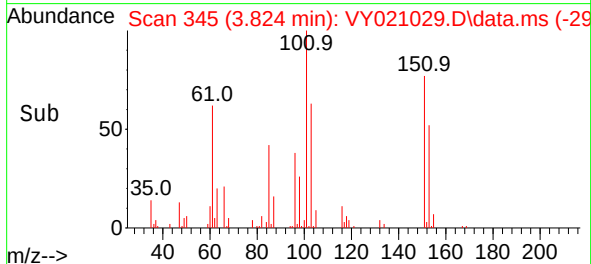
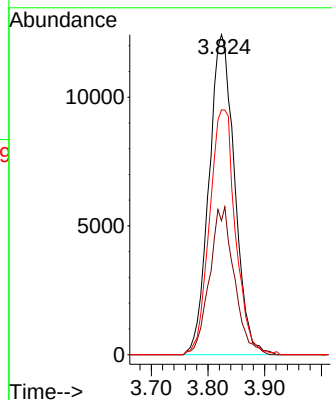
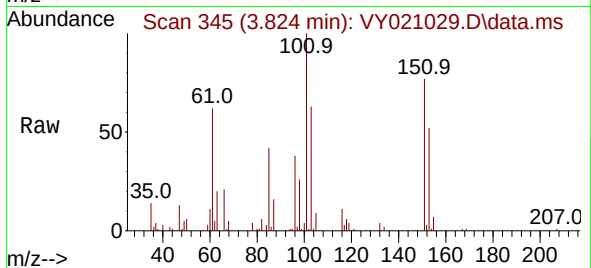




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.464 ug/l
RT: 3.824 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021029.D
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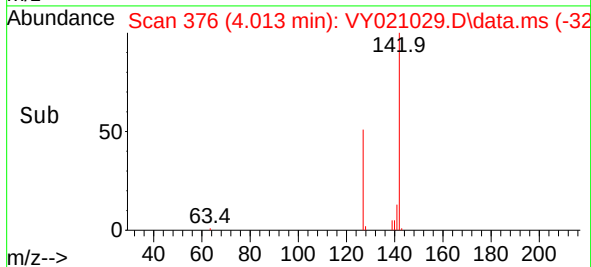
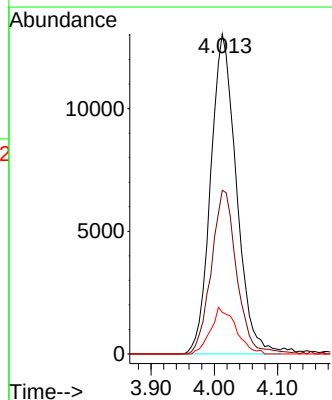
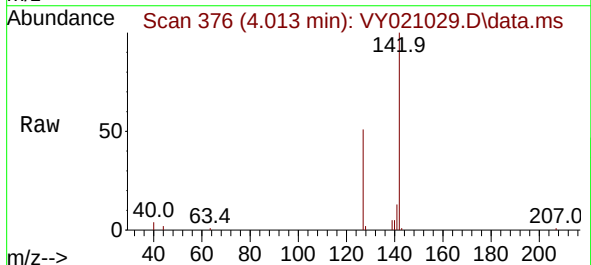
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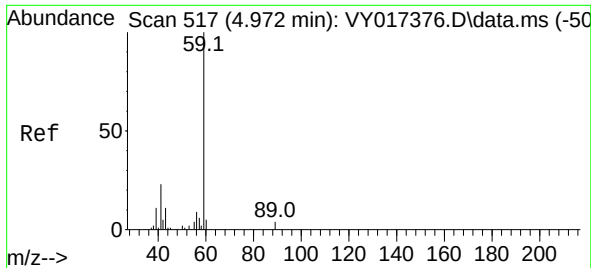
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Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 77.8 58.6 88.0



#10
Methyl Iodide
Concen: 15.735 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion:142 Resp: 36813
Ion Ratio Lower Upper
142 100
127 50.6 35.1 52.7
141 14.3 11.8 17.6

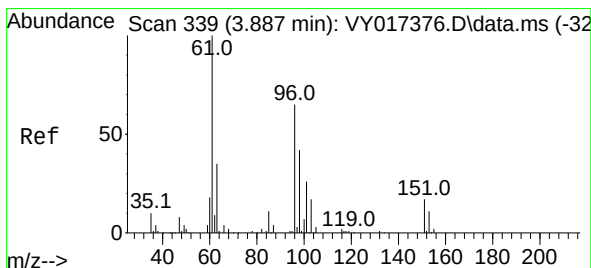
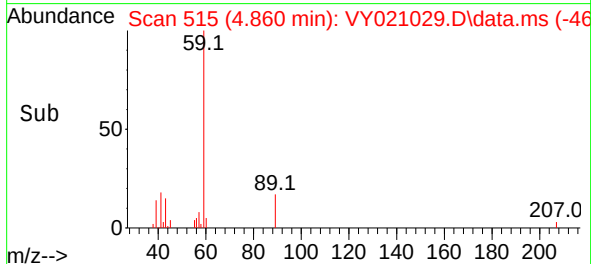
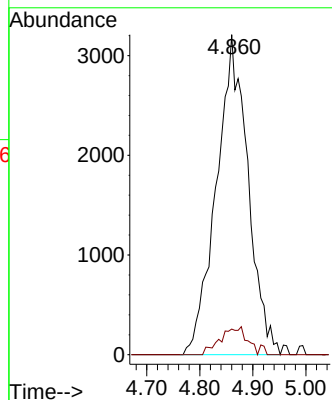
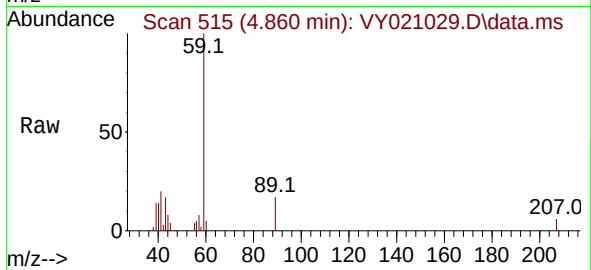




#11
Tert butyl alcohol
Concen: 91.697 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

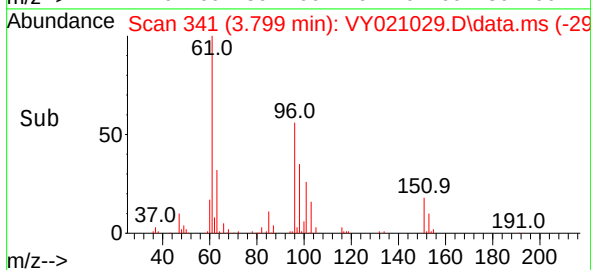
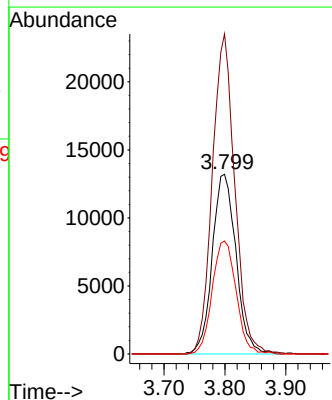
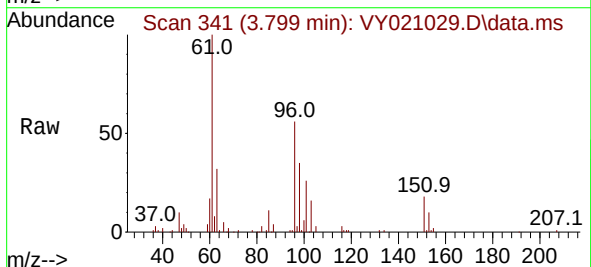
Instrument :
MSVOA_Y
ClientSampleId :

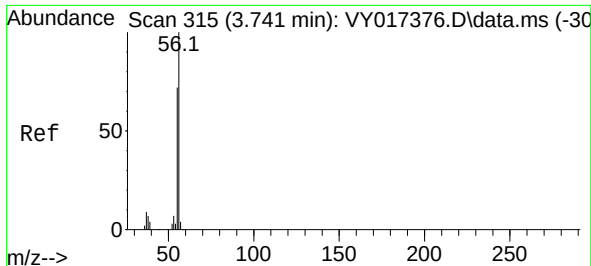
Tgt Ion: 59 Resp: 13246
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 18.030 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

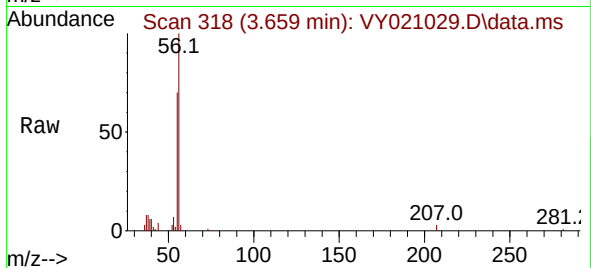
Tgt Ion: 96 Resp: 35767
Ion Ratio Lower Upper
96 100
61 178.2 124.2 186.2
98 62.9 52.6 79.0



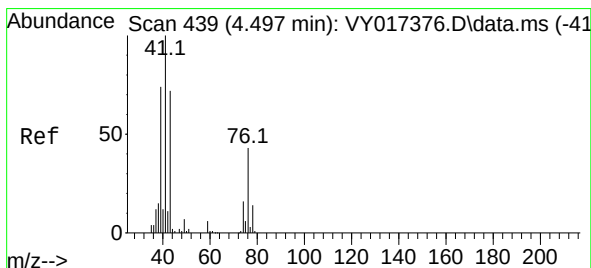
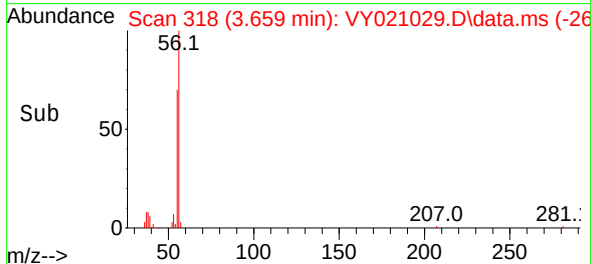
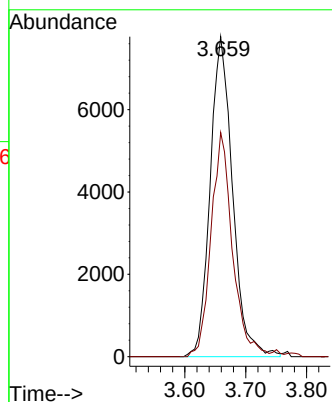


#13
Acrolein
Concen: 89.223 ug/l
RT: 3.659 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :

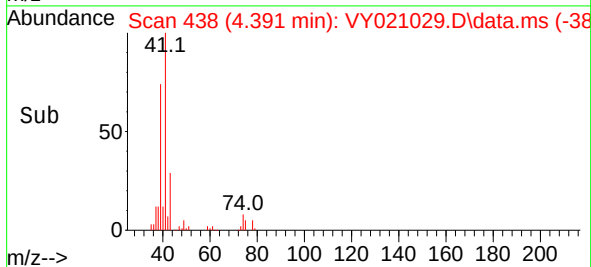
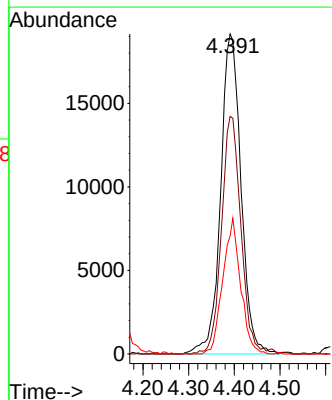
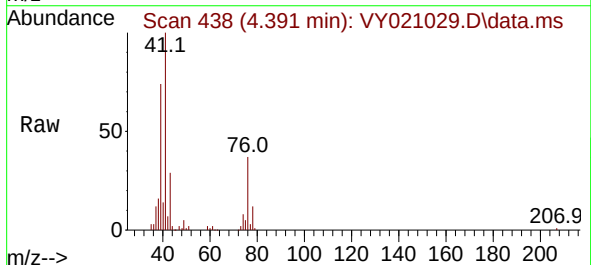


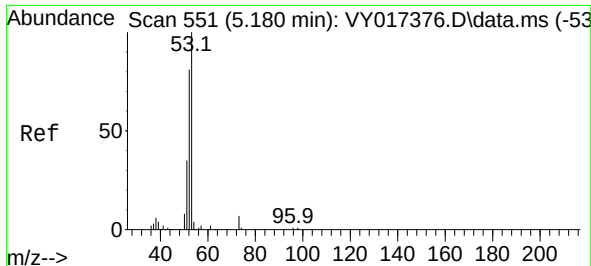
Tgt Ion: 56 Resp: 19847
Ion Ratio Lower Upper
56 100
55 66.9 55.4 83.0



#14
Allyl chloride
Concen: 17.744 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

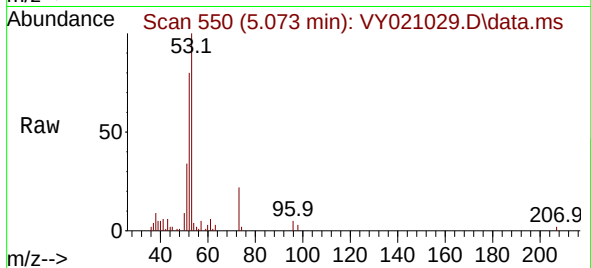
Tgt Ion: 41 Resp: 59324
Ion Ratio Lower Upper
41 100
39 70.4 54.7 82.1
76 37.0 31.8 47.6



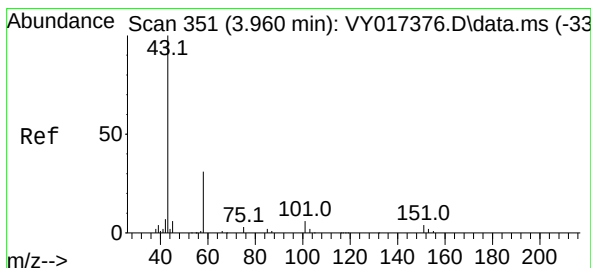
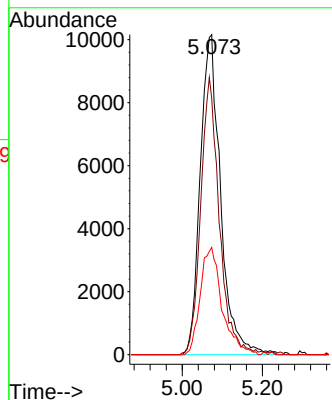
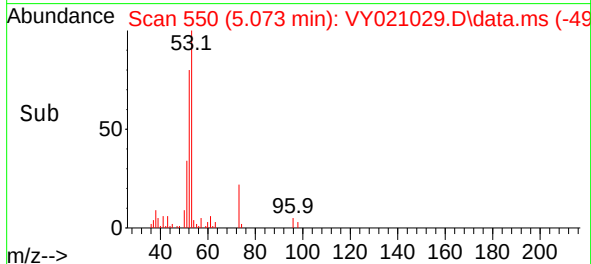


#15
Acrylonitrile
Concen: 81.924 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :

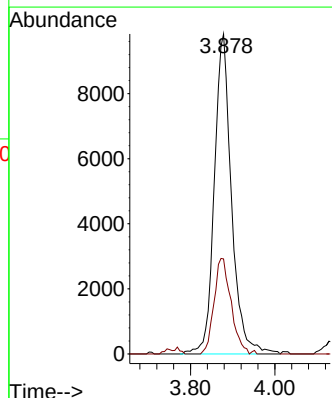
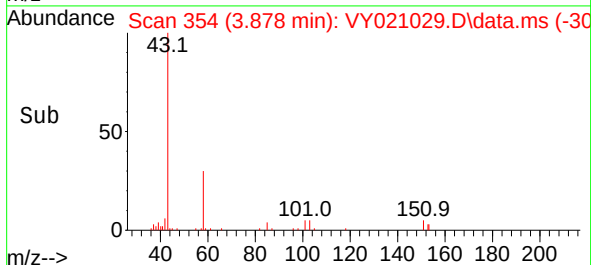
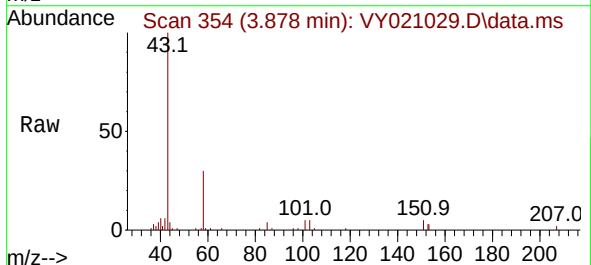


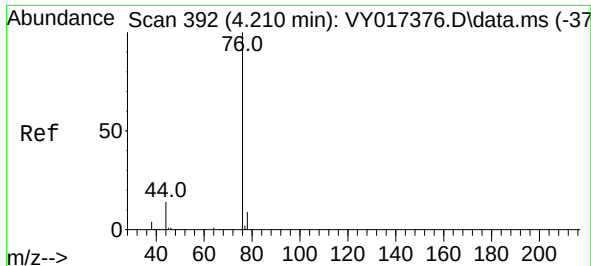
Tgt Ion: 53 Resp: 35734
Ion Ratio Lower Upper
53 100
52 79.3 65.1 97.7
51 36.1 29.0 43.4



#16
Acetone
Concen: 83.693 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 43 Resp: 27822
Ion Ratio Lower Upper
43 100
58 29.7 26.6 39.8

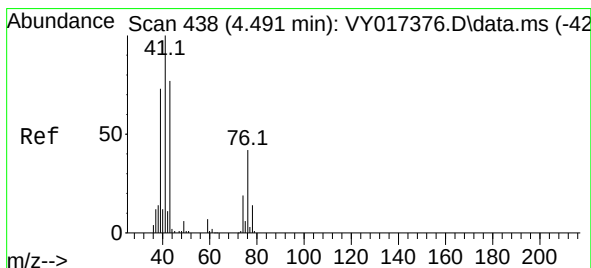
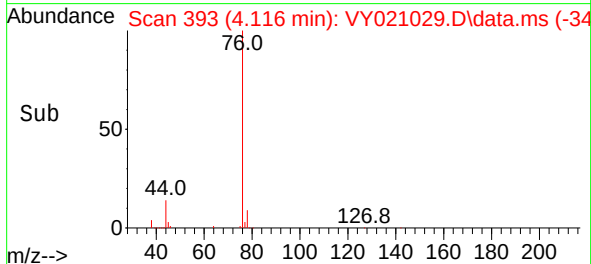
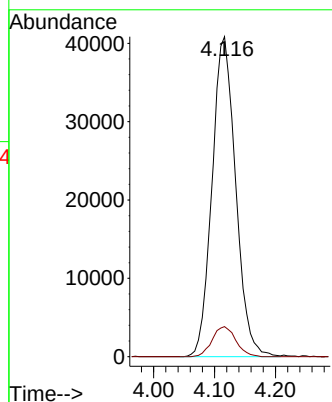
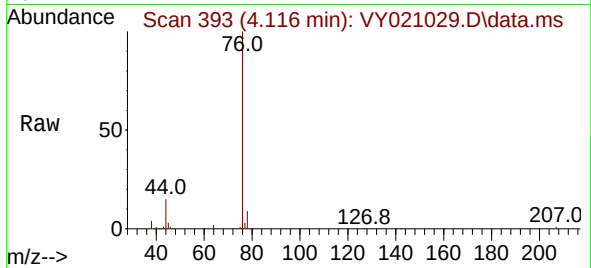




#17
Carbon Disulfide
Concen: 17.697 ug/l
RT: 4.116 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

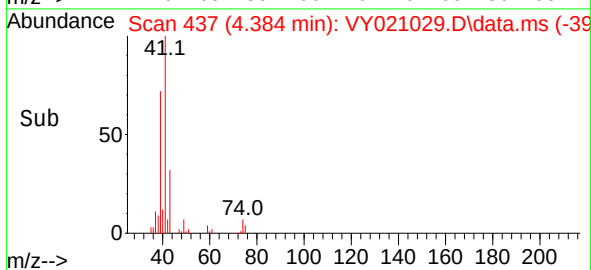
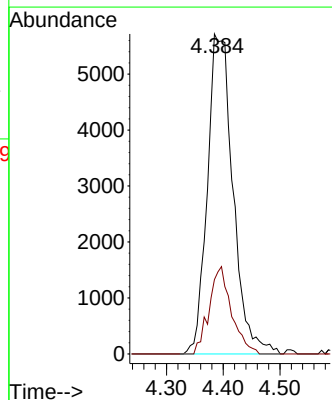
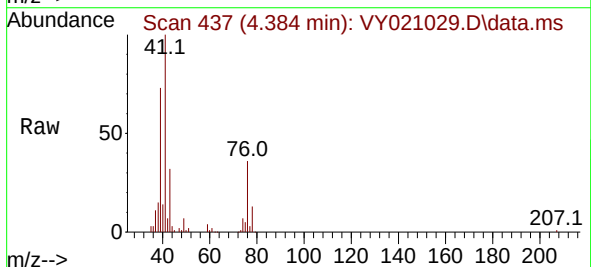
Instrument :
MSVOA_Y
ClientSampleId :

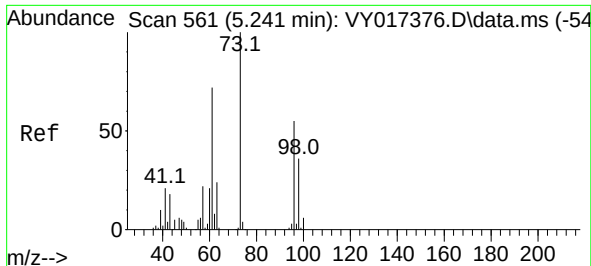
Tgt Ion: 76 Resp: 110086
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 15.377 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.013 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 43 Resp: 17945
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 16.144 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

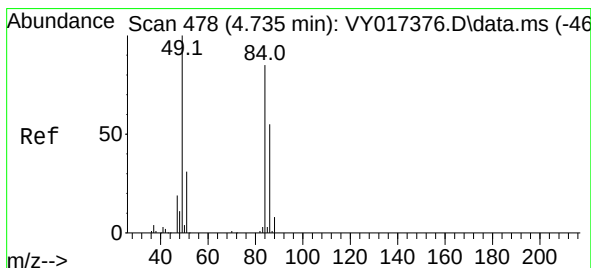
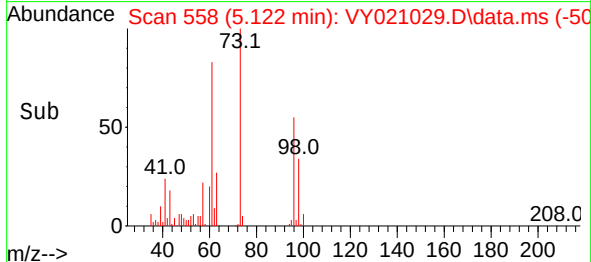
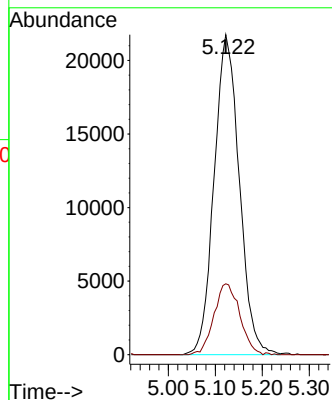
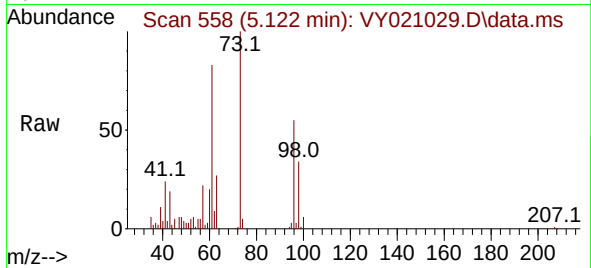
ClientSampleId :

Tgt Ion: 73 Resp: 80945

Ion Ratio Lower Upper

73 100

57 22.2 17.7 26.5



#20

Methylene Chloride

Concen: 17.116 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Tgt Ion: 84 Resp: 35372

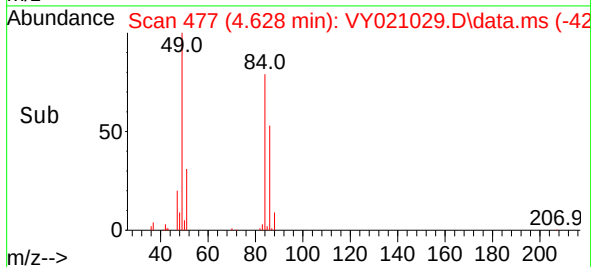
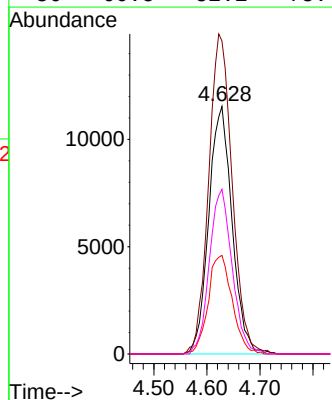
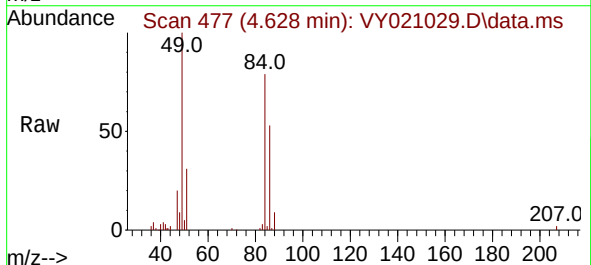
Ion Ratio Lower Upper

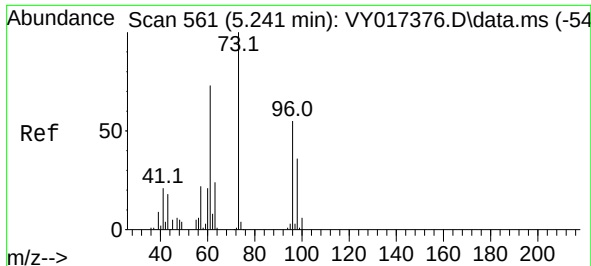
84 100

49 126.4 95.2 142.8

51 39.8 29.9 44.9

86 66.5 52.2 78.4

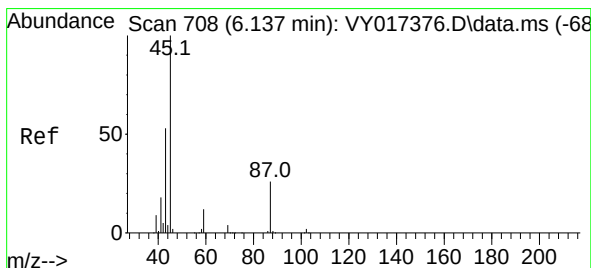
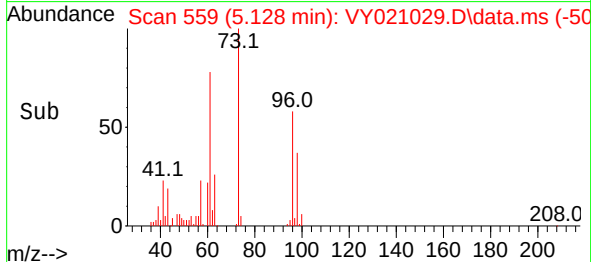
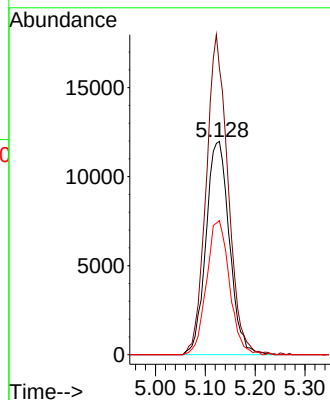
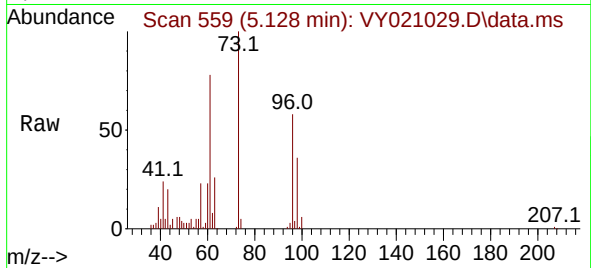




#21
trans-1,2-Dichloroethene
Concen: 17.907 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

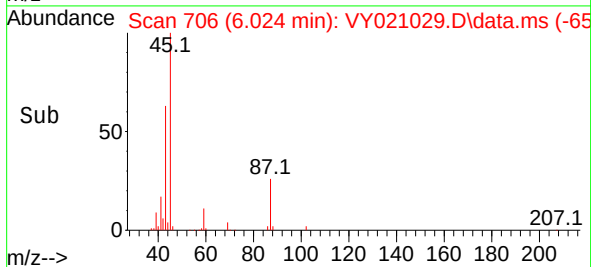
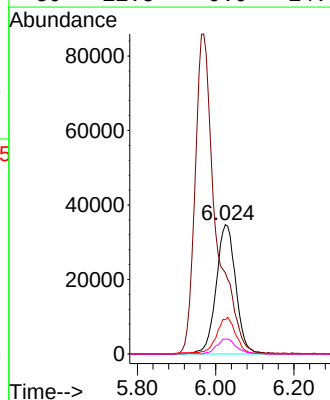
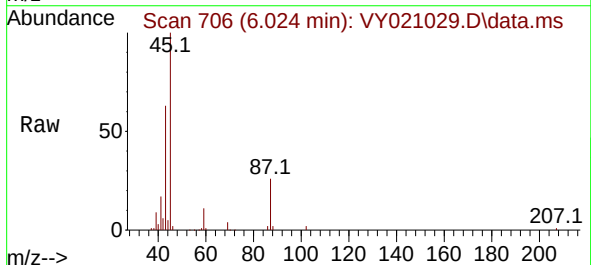
Instrument :
MSVOA_Y
ClientSampleId :

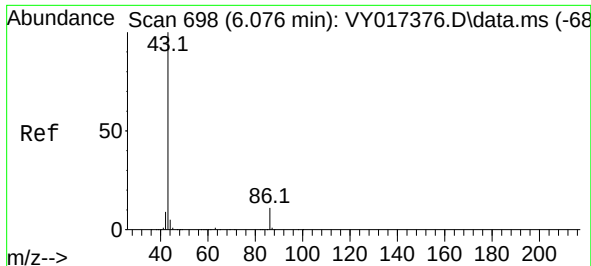
Tgt Ion: 96 Resp: 39102
Ion Ratio Lower Upper
96 100
61 134.4 104.6 156.8
98 62.9 50.9 76.3



#22
Diisopropyl ether
Concen: 17.487 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 45 Resp: 120509
Ion Ratio Lower Upper
45 100
43 62.3 46.8 70.2
87 26.5 22.2 33.2
59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 82.189 ug/l

RT: 5.970 min Scan# 690

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

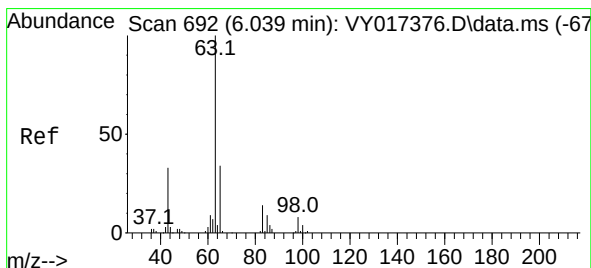
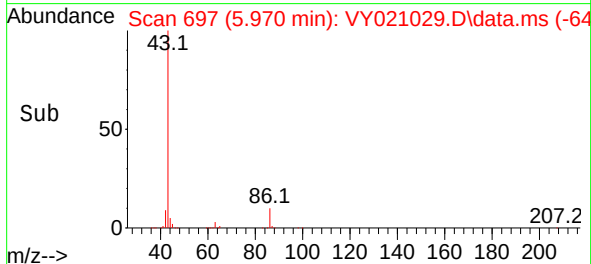
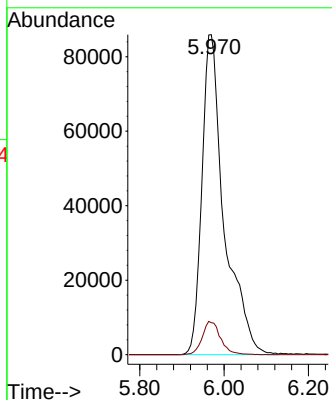
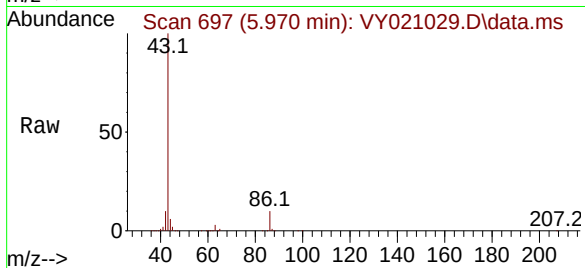
ClientSampleId :

Tgt Ion: 43 Resp: 315737

Ion Ratio Lower Upper

43 100

86 10.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 17.573 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

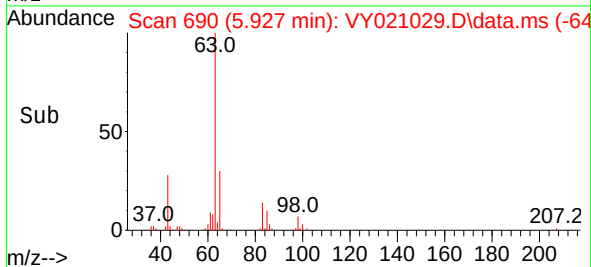
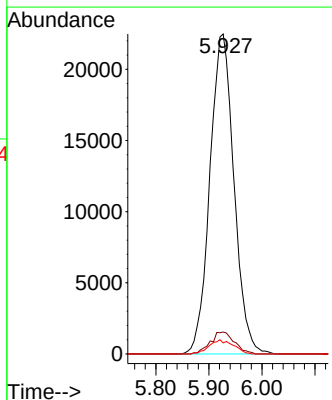
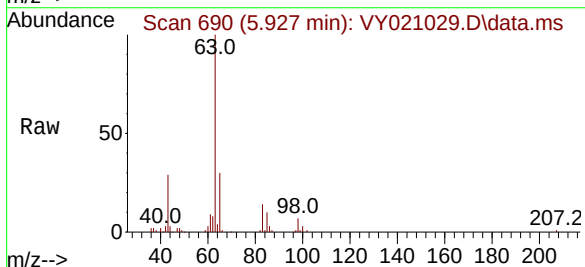
Tgt Ion: 63 Resp: 70952

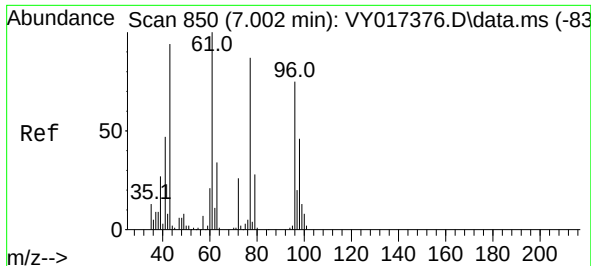
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 78.633 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

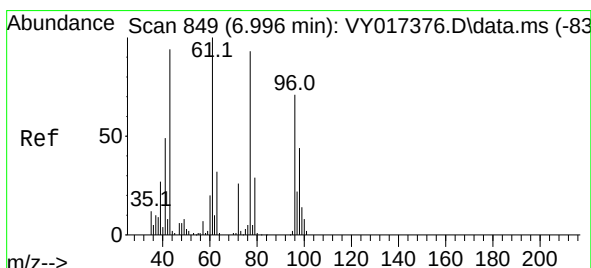
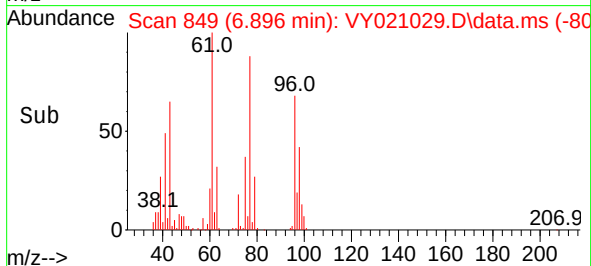
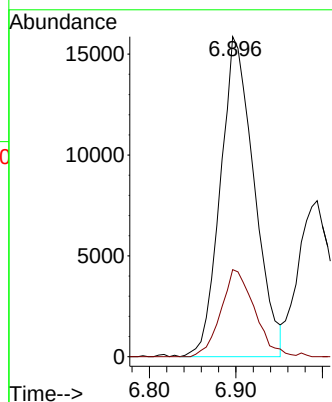
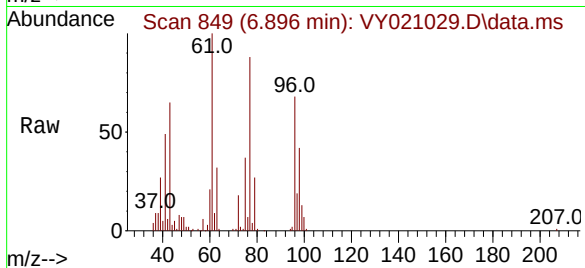
ClientSampleId :

Tgt Ion: 43 Resp: 42955

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 17.991 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021029.D

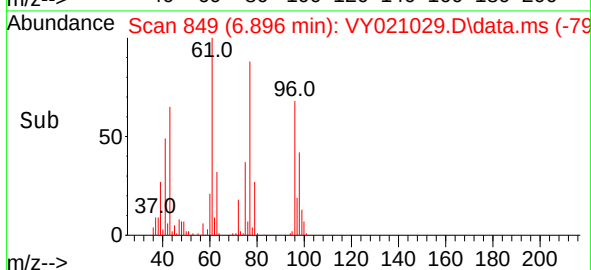
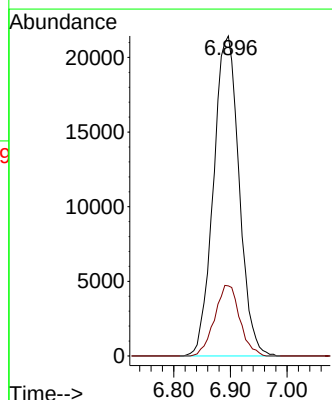
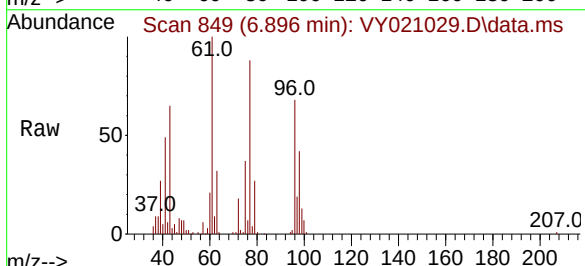
Acq: 03 Feb 2025 14:55

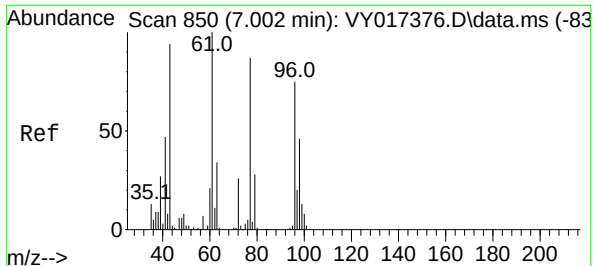
Tgt Ion: 77 Resp: 67210

Ion Ratio Lower Upper

77 100

97 21.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.401 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.000 min

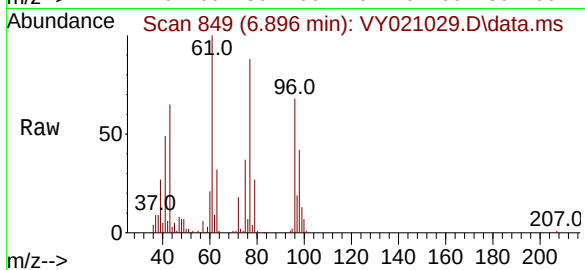
Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :



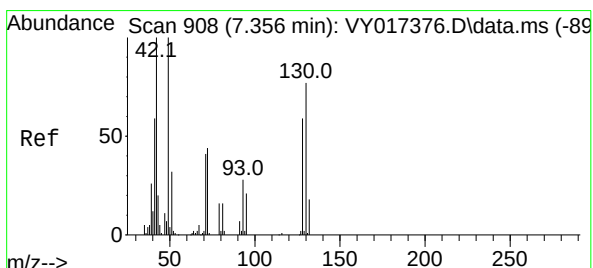
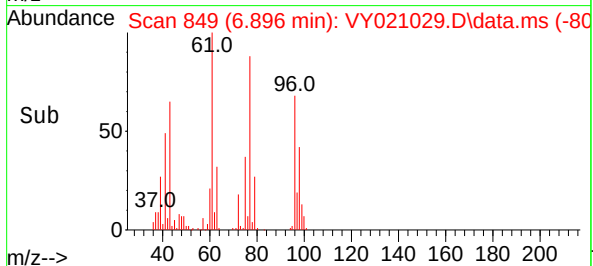
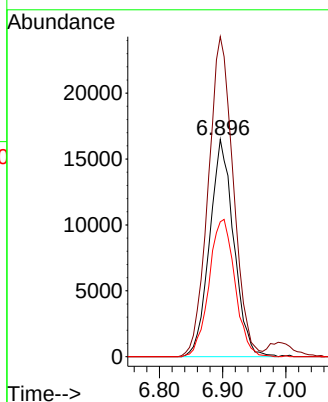
Tgt Ion: 96 Resp: 43736

Ion Ratio Lower Upper

96 100

61 153.1 0.0 278.8

98 67.7 0.0 127.0



#28

Bromochloromethane

Concen: 16.443 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

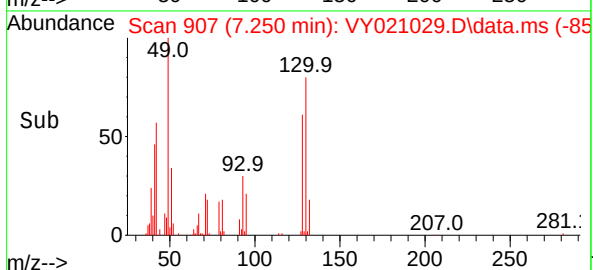
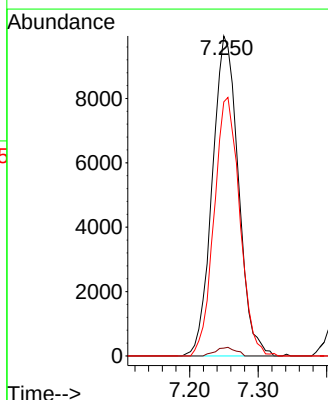
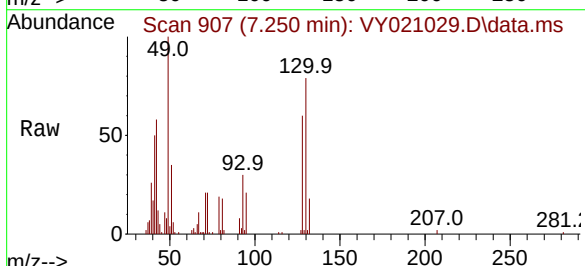
Tgt Ion: 49 Resp: 26252

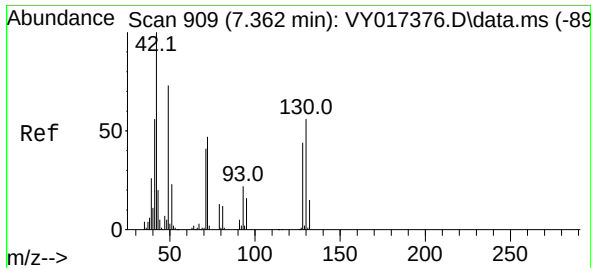
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

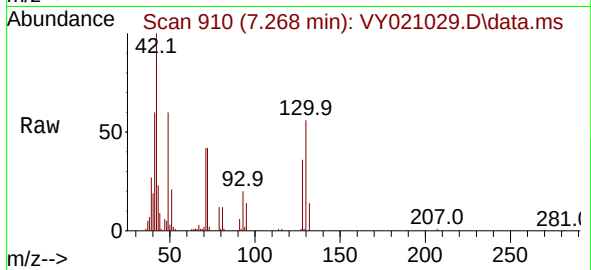
130 79.3 59.8 89.8



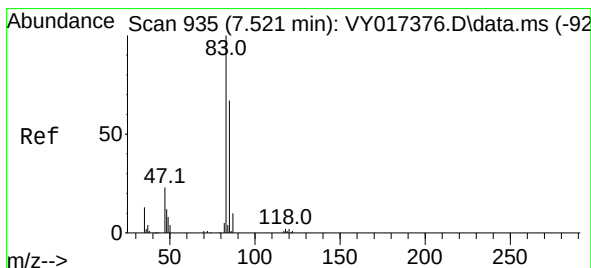
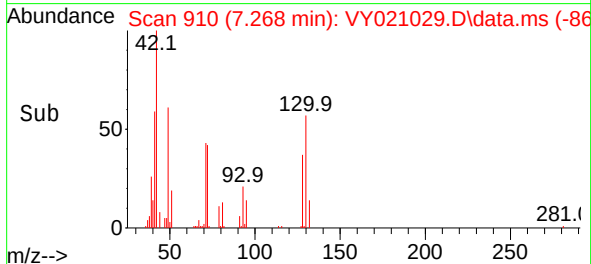
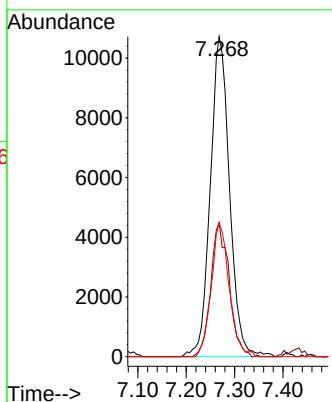


#29
Tetrahydrofuran
Concen: 80.310 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :

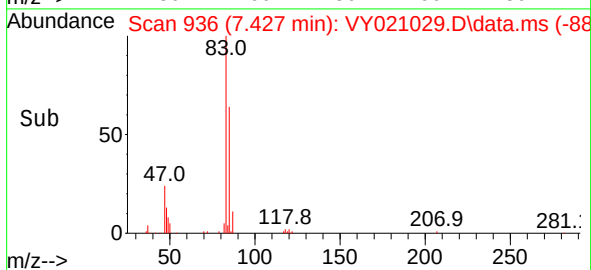
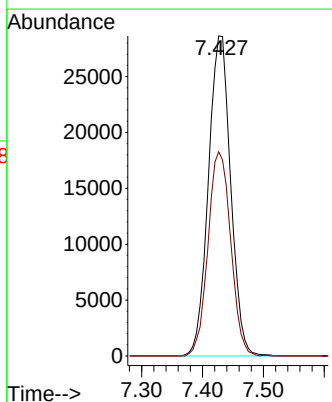
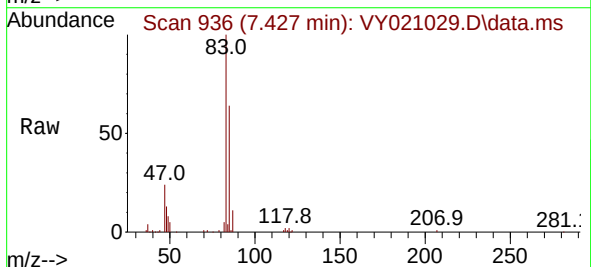


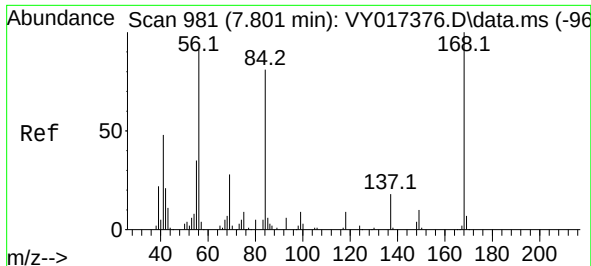
Tgt Ion:	42	Resp:	29686
Ion Ratio	Lower	Upper	
42	100		
72	39.6	36.6	54.8
71	39.0	33.8	50.6



#30
Chloroform
Concen: 17.530 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

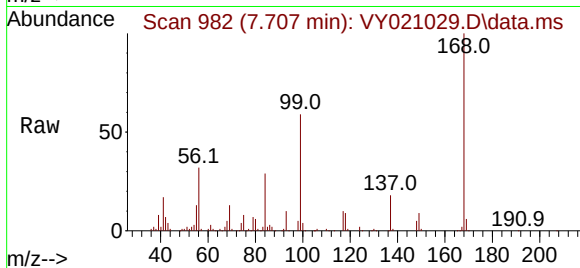
Tgt Ion:	83	Resp:	72698
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.2	76.8



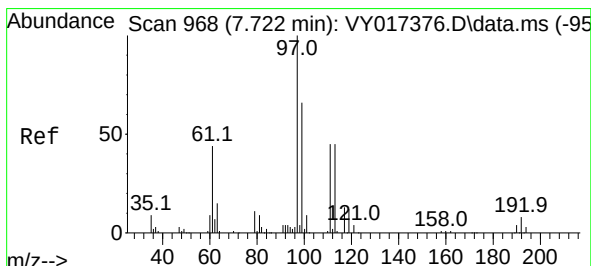
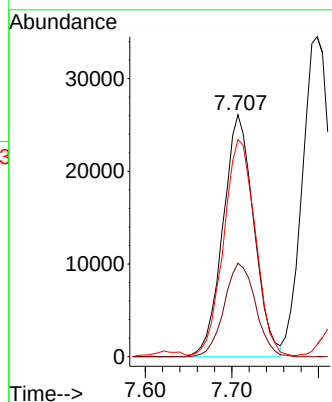
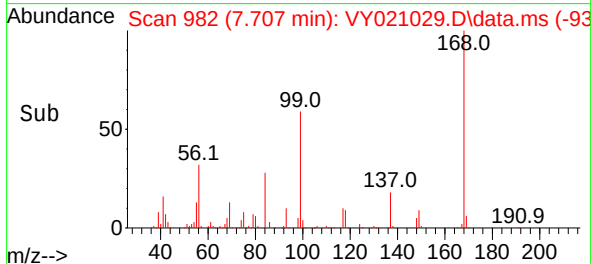


#31
Cyclohexane
Concen: 17.801 ug/l
RT: 7.707 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :

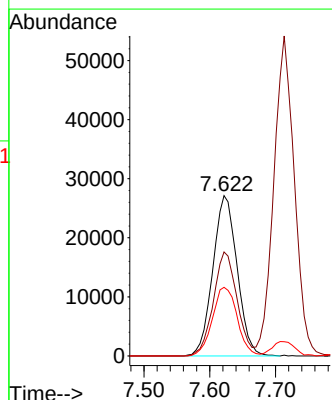
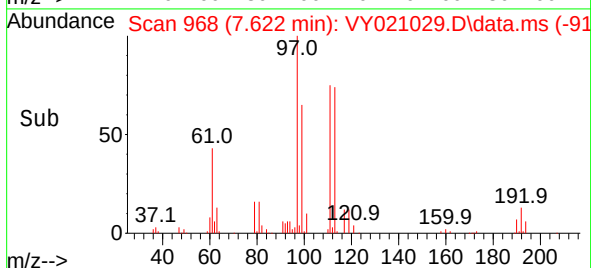
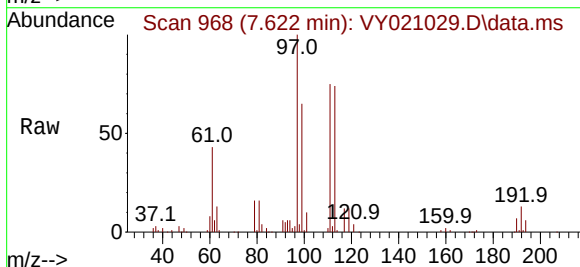


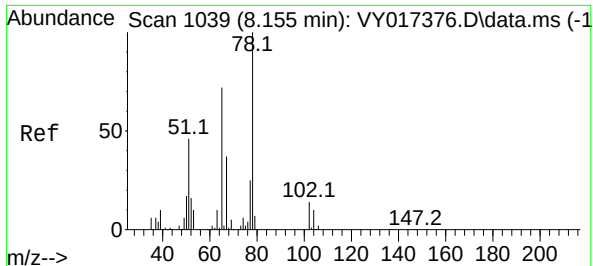
Tgt Ion: 56 Resp: 64723
Ion Ratio Lower Upper
56 100
69 38.7 27.0 40.6
84 87.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.056 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 97 Resp: 69619
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.936 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

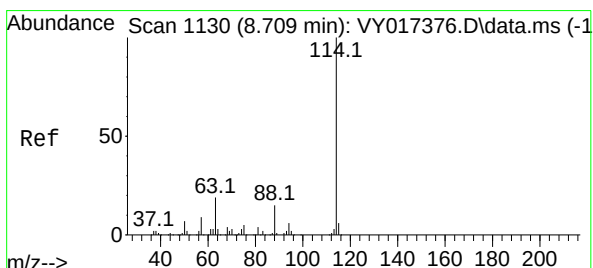
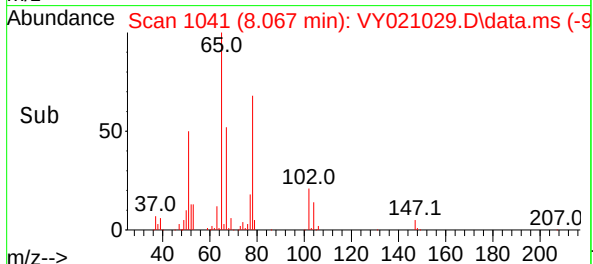
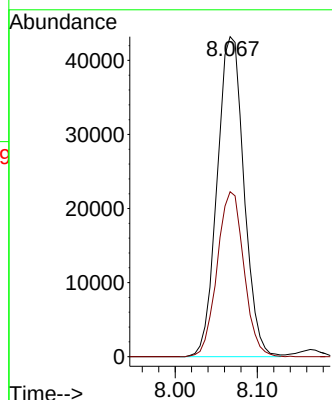
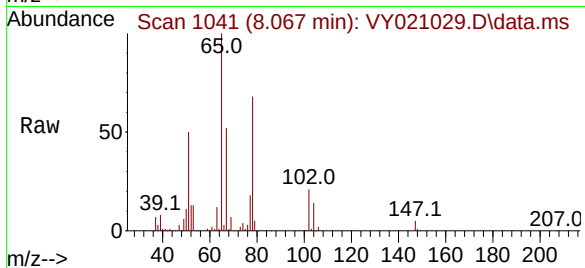
ClientSampleId :

Tgt Ion: 65 Resp: 97921

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

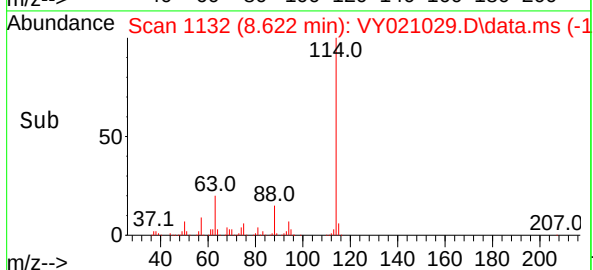
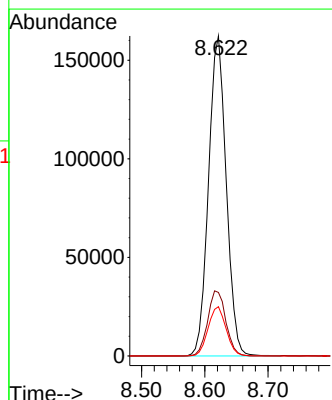
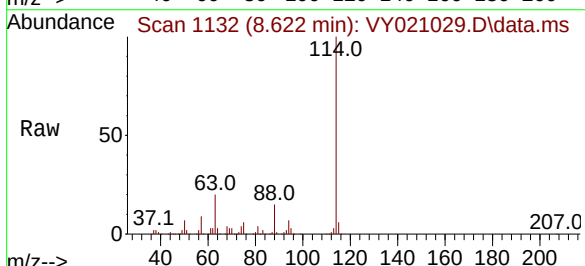
Tgt Ion:114 Resp: 315310

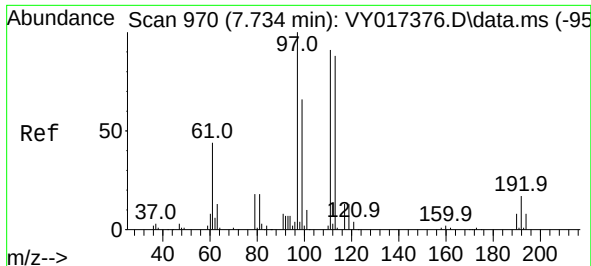
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

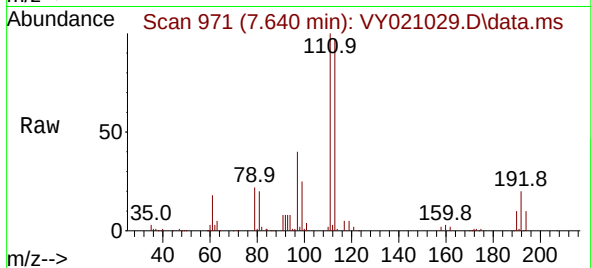
88 15.4 0.0 29.0



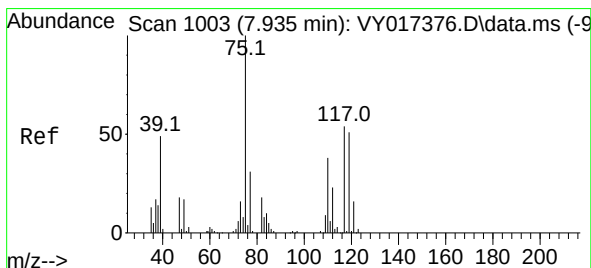
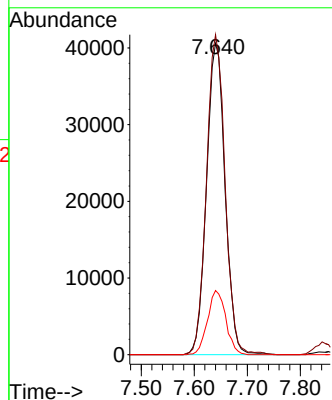
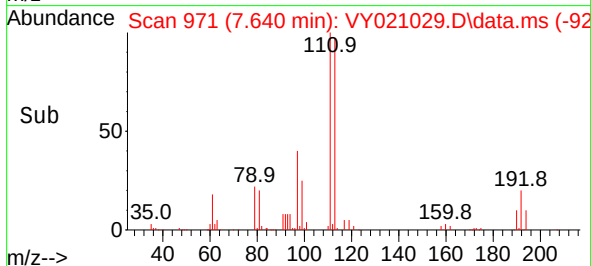


#35
Dibromofluoromethane
Concen: 48.807 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

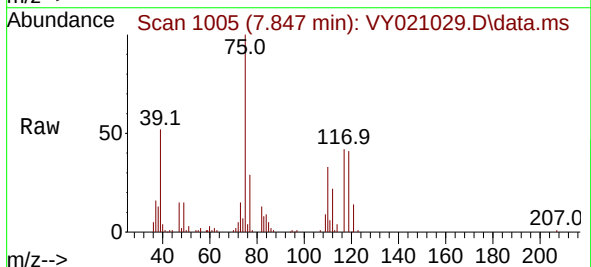
Instrument :
MSVOA_Y
ClientSampleId :



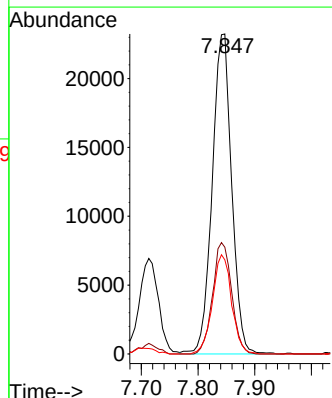
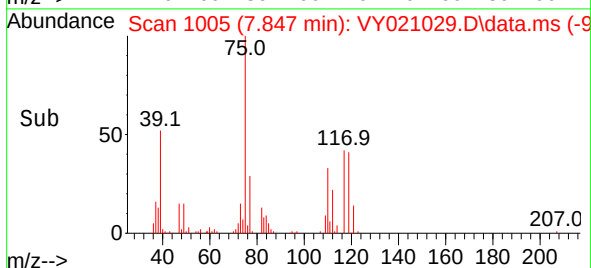
Tgt Ion:113 Resp: 98626
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 20.4 14.5 21.7

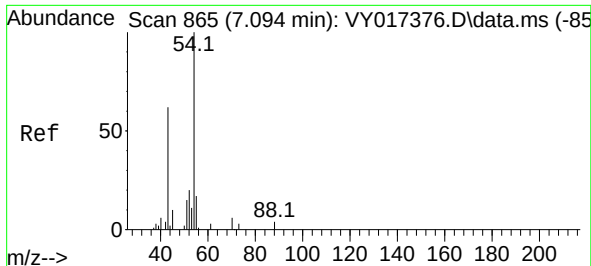


#36
1,1-Dichloropropene
Concen: 18.523 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55



Tgt Ion: 75 Resp: 55441
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 16.562 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

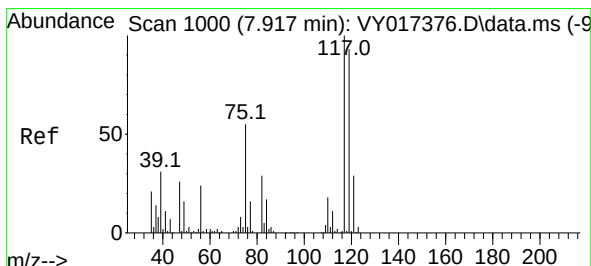
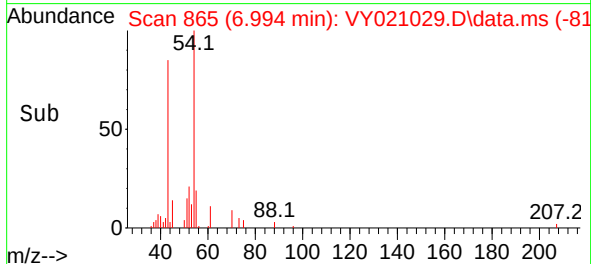
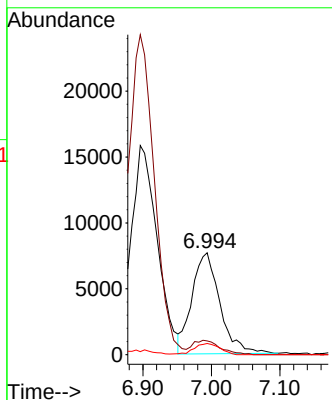
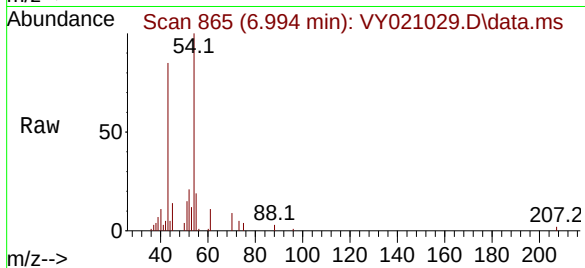
Tgt Ion: 43 Resp: 21746

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 18.017 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

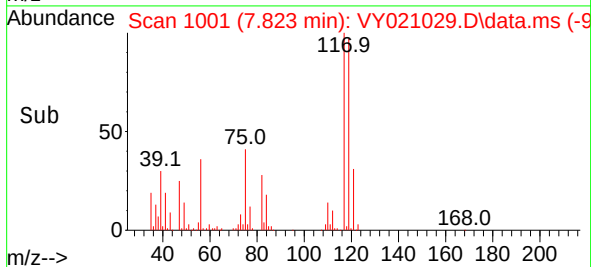
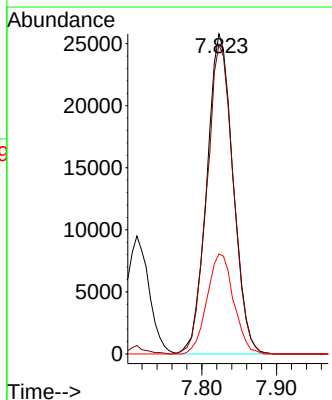
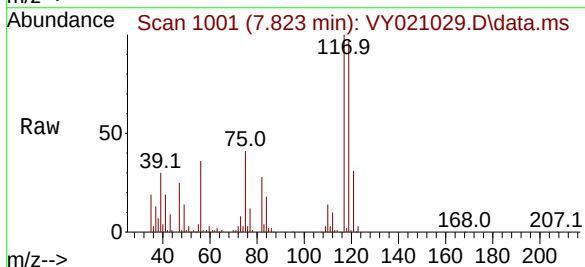
Tgt Ion: 117 Resp: 63009

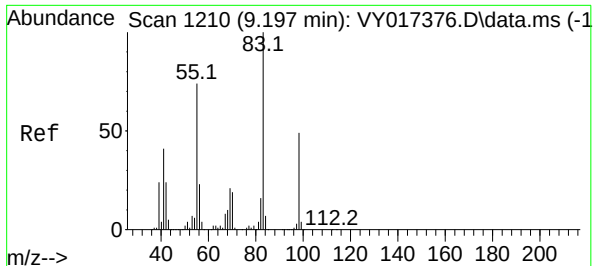
Ion Ratio Lower Upper

117 100

119 96.8 76.0 114.0

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 18.549 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

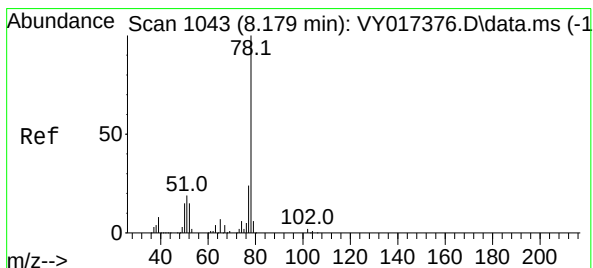
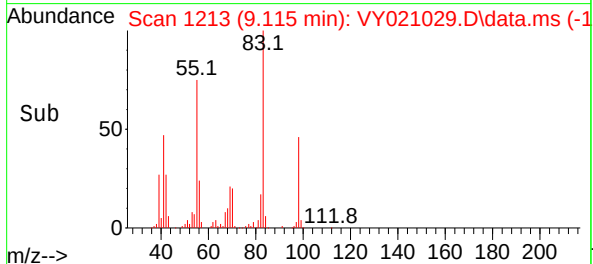
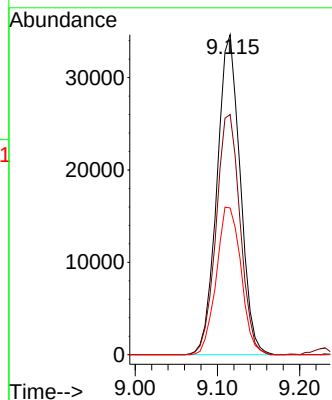
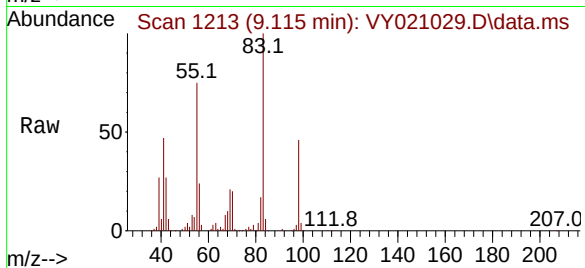
Tgt Ion: 83 Resp: 67910

Ion Ratio Lower Upper

83 100

55 75.1 59.7 89.5

98 45.9 38.0 57.0



#40

Benzene

Concen: 18.080 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021029.D

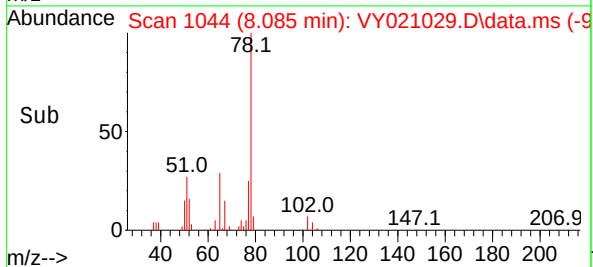
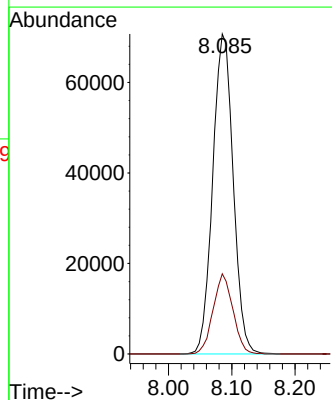
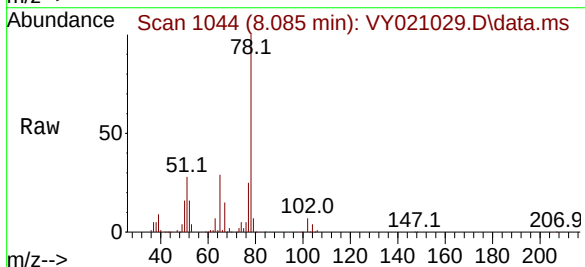
Acq: 03 Feb 2025 14:55

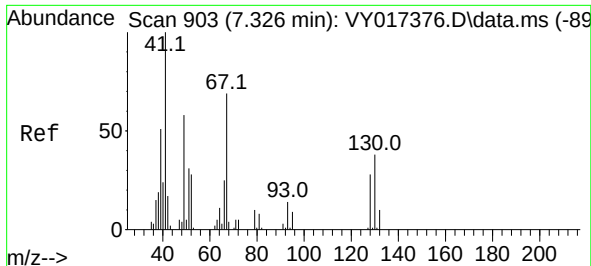
Tgt Ion: 78 Resp: 158805

Ion Ratio Lower Upper

78 100

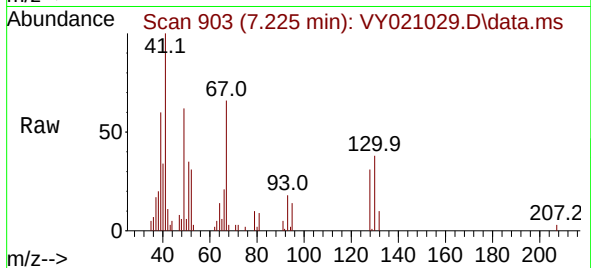
77 25.0 18.8 28.2





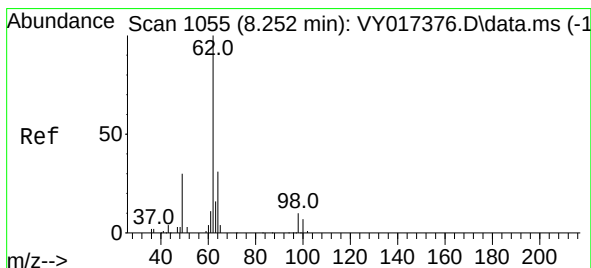
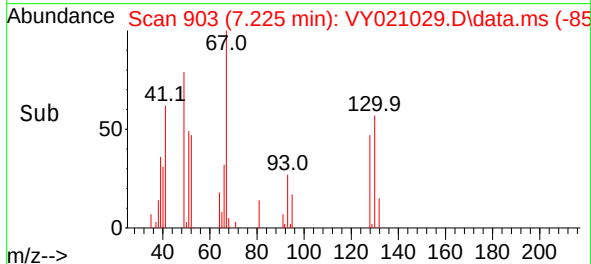
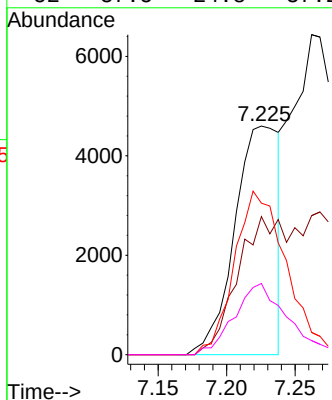
#41
Methacrylonitrile
Concen: 13.600 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 10331

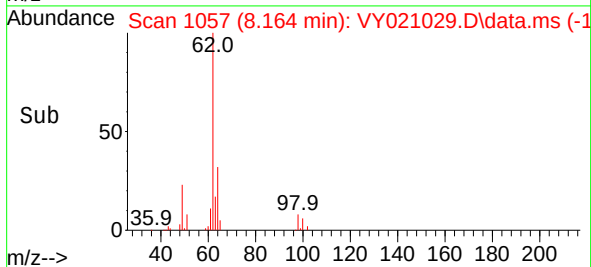
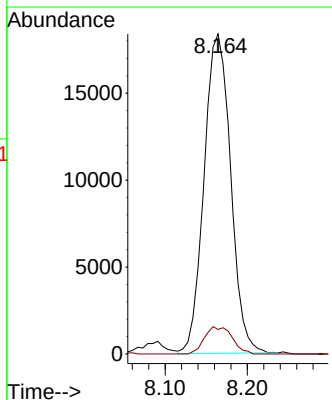
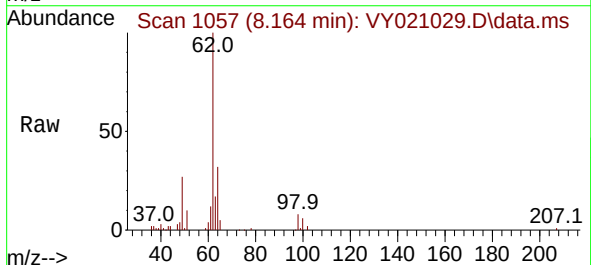
Ion	Ratio	Lower	Upper
41	100		
39	64.4	41.9	62.9#
67	84.6	59.8	89.6
52	37.5	24.8	37.2#

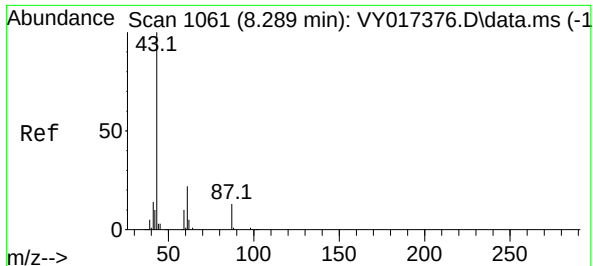


#42
1,2-Dichloroethane
Concen: 16.921 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 62 Resp: 41230

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.150 ug/l

RT: 8.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

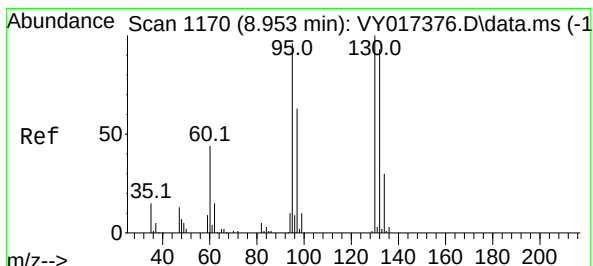
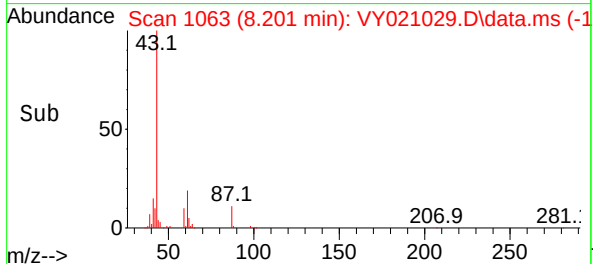
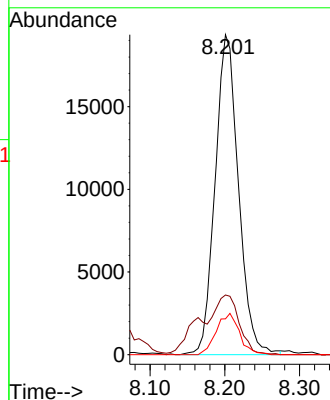
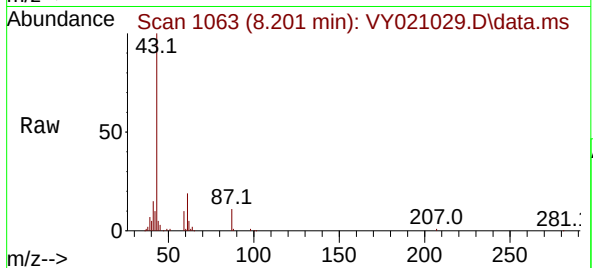
Tgt Ion: 43 Resp: 42135

Ion Ratio Lower Upper

43 100

61 20.1 24.8 37.2#

87 12.8 10.7 16.1



#44

Trichloroethene

Concen: 18.102 ug/l

RT: 8.871 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021029.D

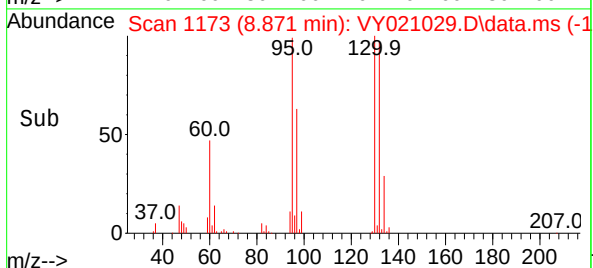
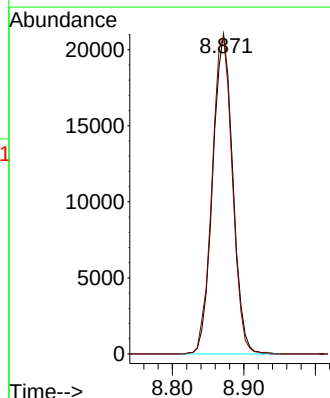
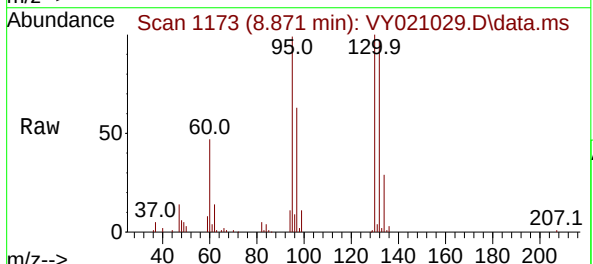
Acq: 03 Feb 2025 14:55

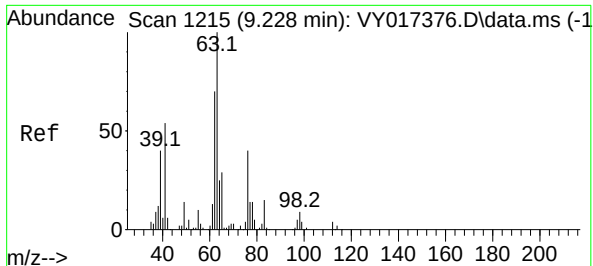
Tgt Ion:130 Resp: 41078

Ion Ratio Lower Upper

130 100

95 99.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 17.606 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

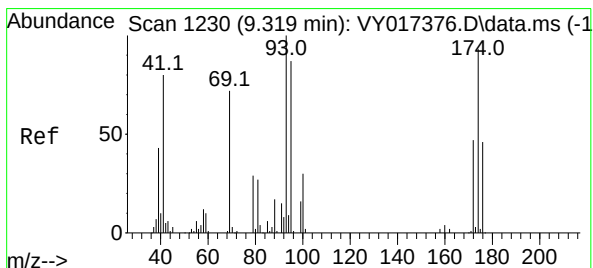
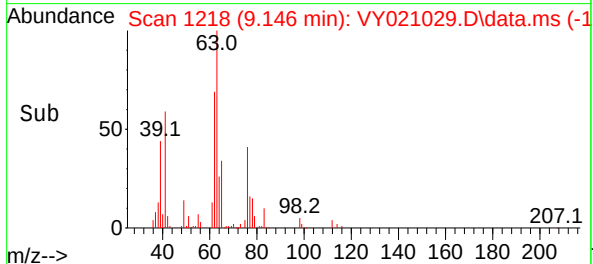
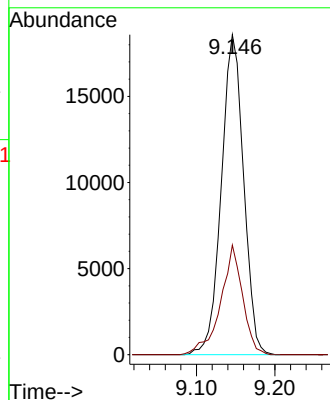
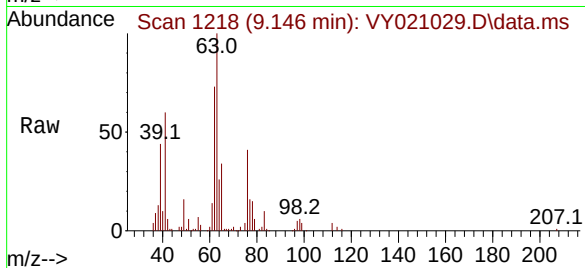
ClientSampleId :

Tgt Ion: 63 Resp: 36704

Ion Ratio Lower Upper

63 100

65 34.2 24.6 36.8



#46

Dibromomethane

Concen: 16.751 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

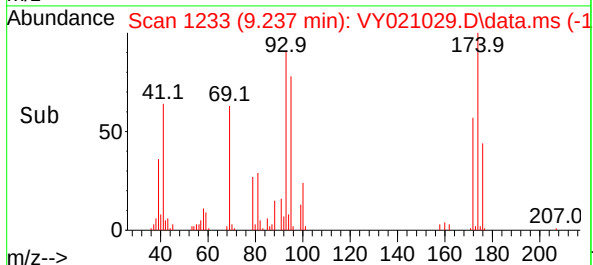
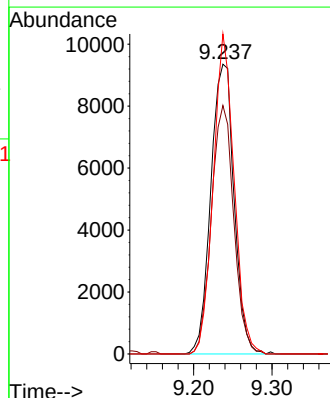
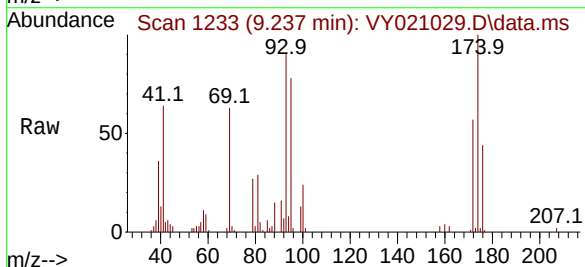
Tgt Ion: 93 Resp: 19335

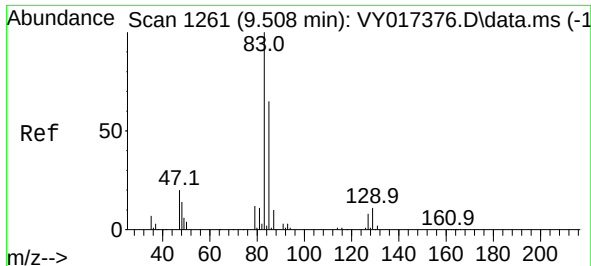
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 98.5 73.8 110.6

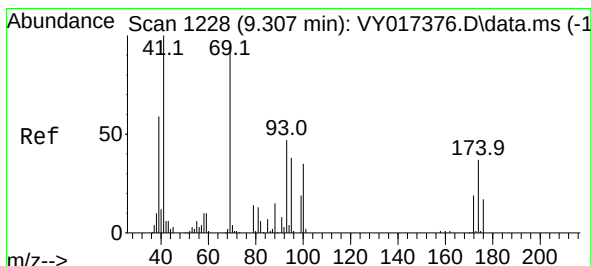
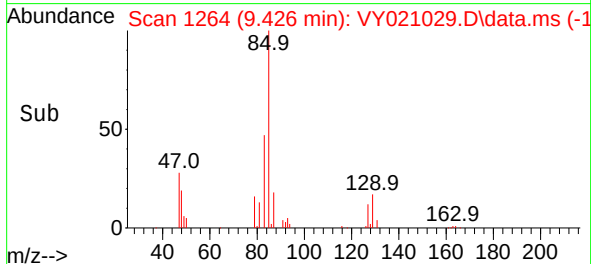
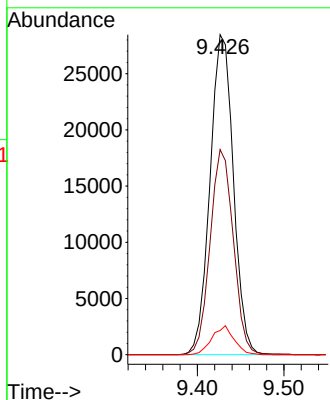
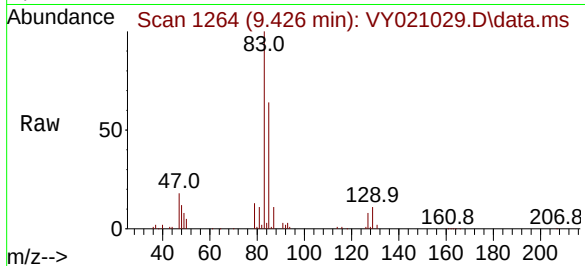




#47
Bromodichloromethane
Concen: 17.232 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

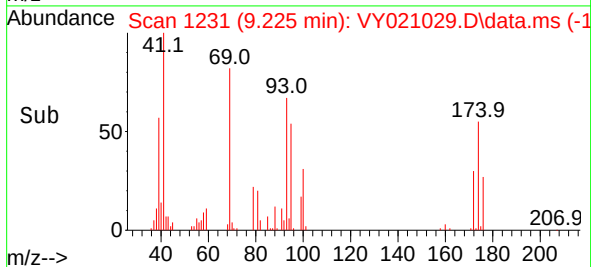
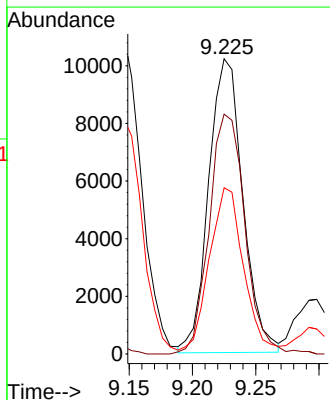
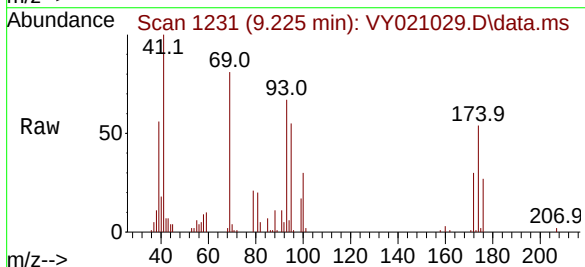
Instrument :
MSVOA_Y
ClientSampleId :

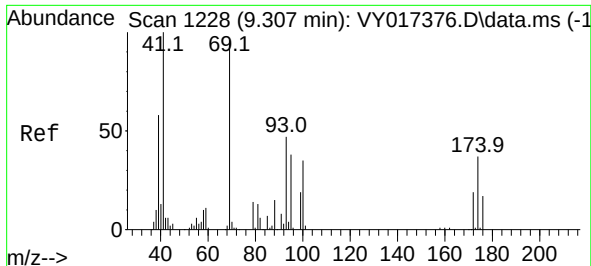
Tgt Ion: 83 Resp: 53347
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 16.154 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 41 Resp: 19198
Ion Ratio Lower Upper
41 100
69 85.2 72.1 108.1
39 54.0 42.8 64.2





#49

1,4-Dioxane

Concen: 335.115 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

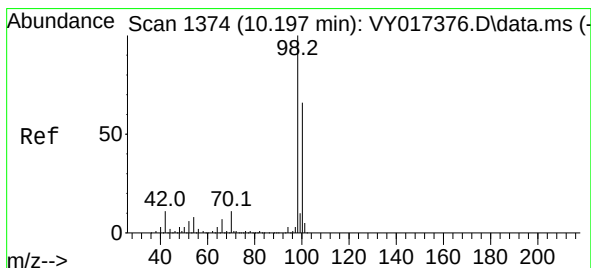
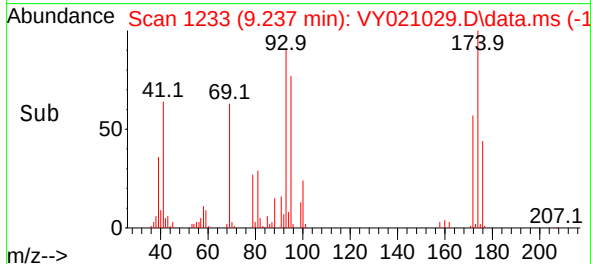
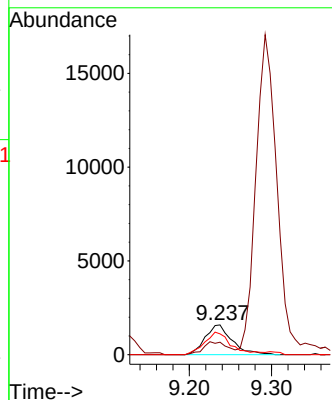
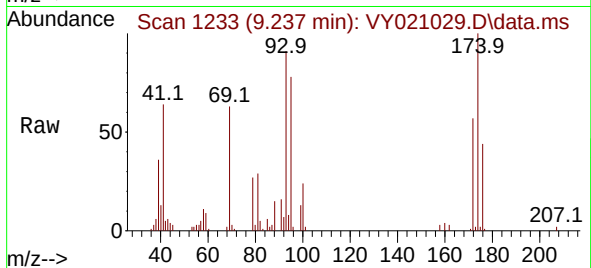
Tgt Ion: 88 Resp: 3601

Ion Ratio Lower Upper

88 100

43 38.9 28.2 42.4

58 75.9 52.2 78.2



#50

Toluene-d8

Concen: 50.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021029.D

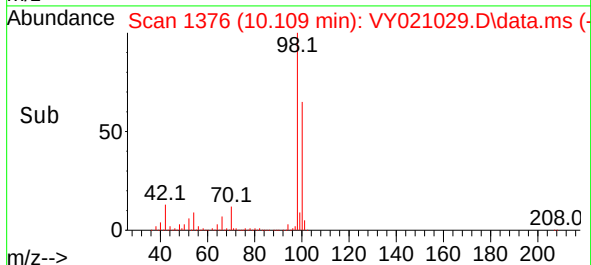
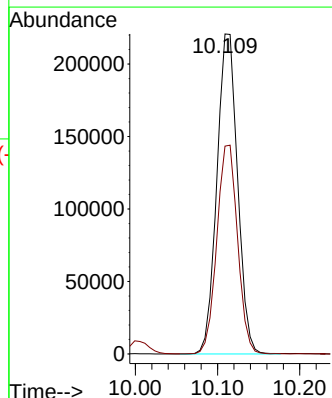
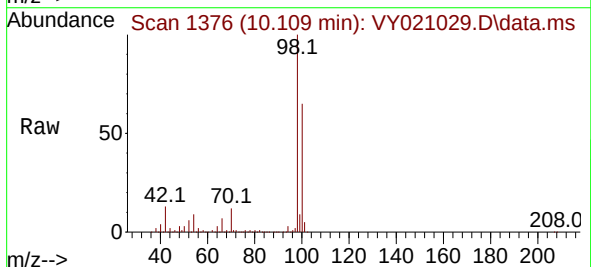
Acq: 03 Feb 2025 14:55

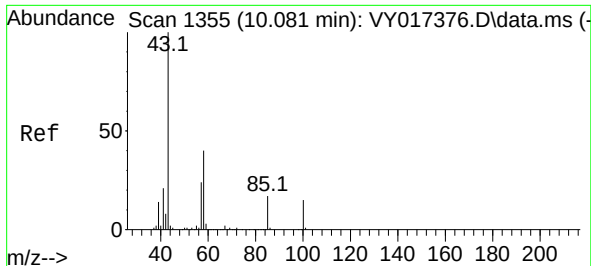
Tgt Ion: 98 Resp: 386321

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

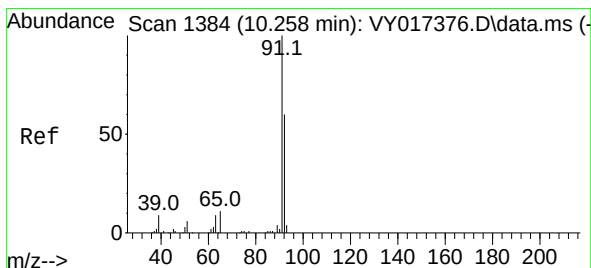
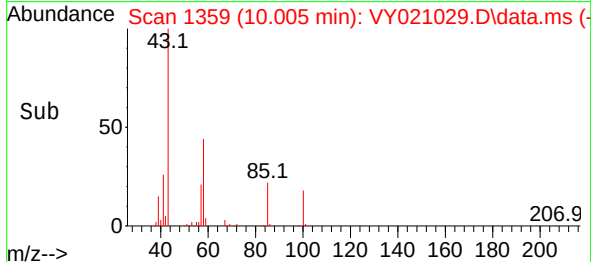
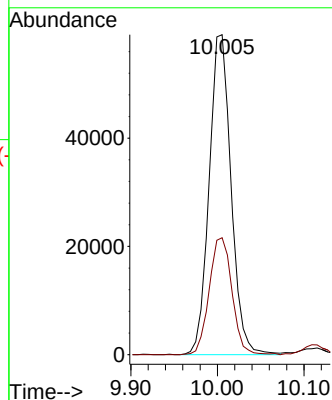
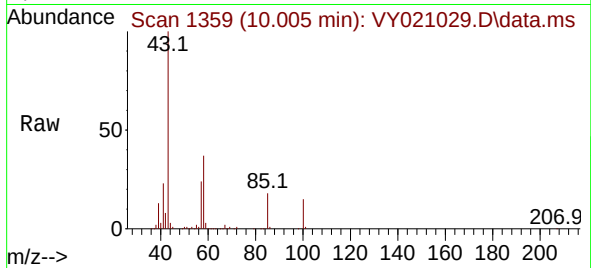




#51
4-Methyl-2-Pentanone
Concen: 79.410 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

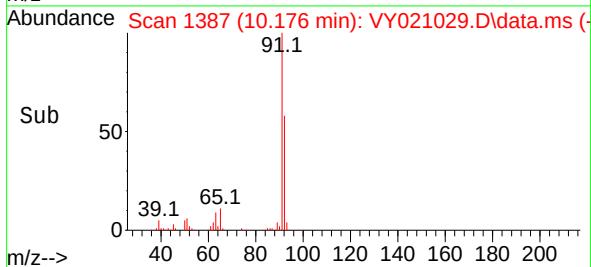
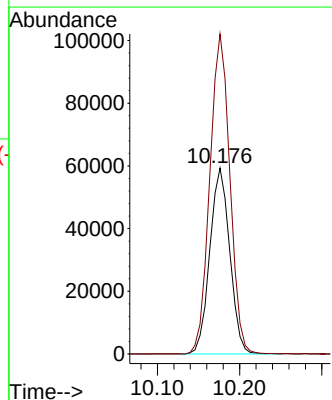
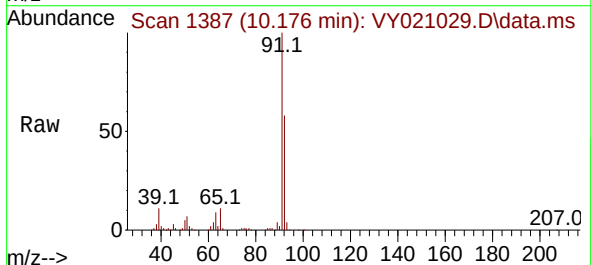
Instrument :
MSVOA_Y
ClientSampleId :

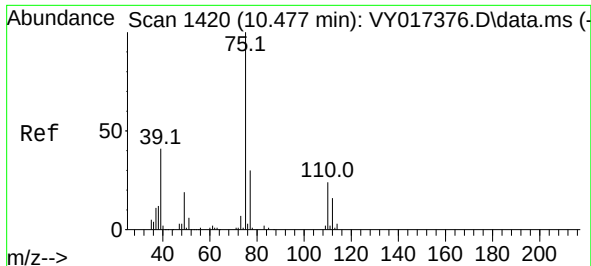
Tgt Ion: 43 Resp: 104184
Ion Ratio Lower Upper
43 100
58 37.9 32.2 48.2



#52
Toluene
Concen: 18.100 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 92 Resp: 99825
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.141 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

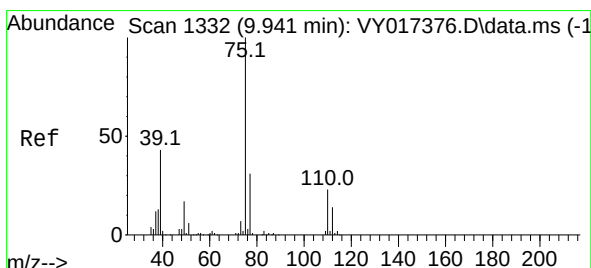
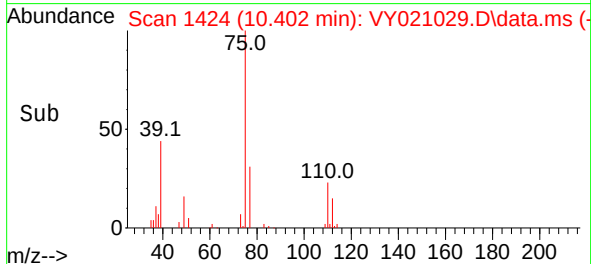
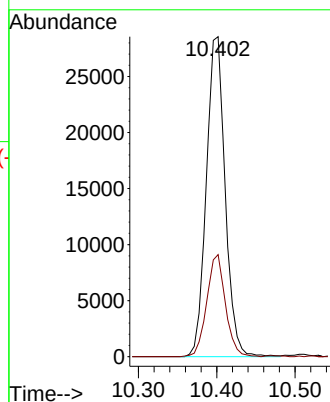
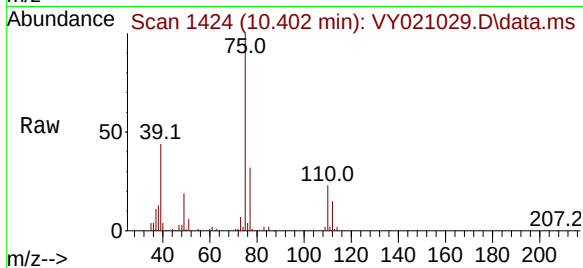
ClientSampleId :

Tgt Ion: 75 Resp: 47648

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 17.480 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

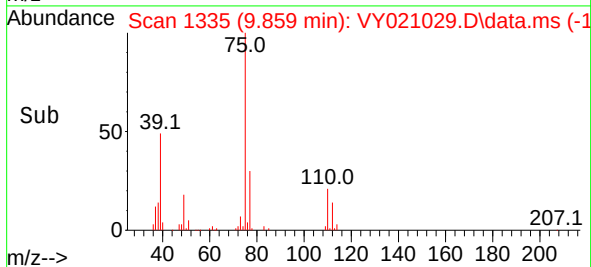
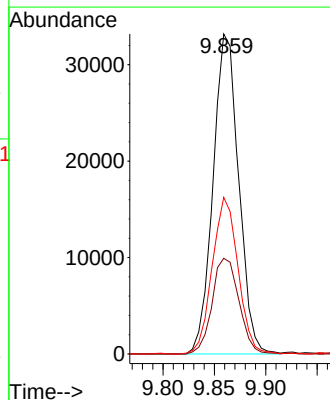
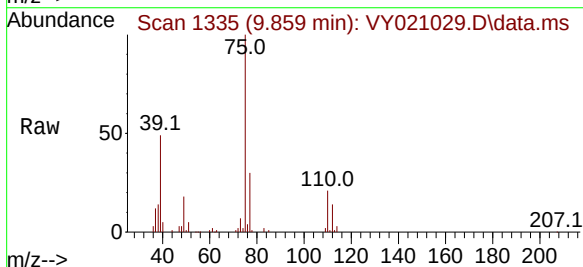
Tgt Ion: 75 Resp: 57532

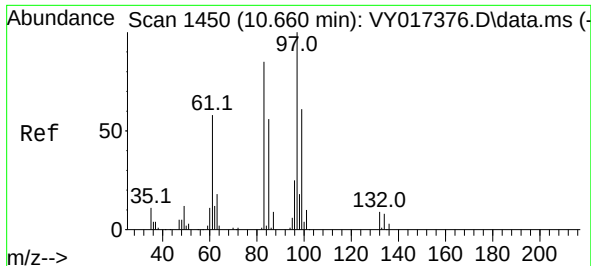
Ion Ratio Lower Upper

75 100

77 29.9 24.6 36.8

39 49.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 16.650 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24888

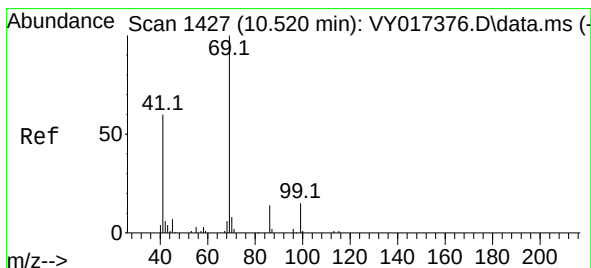
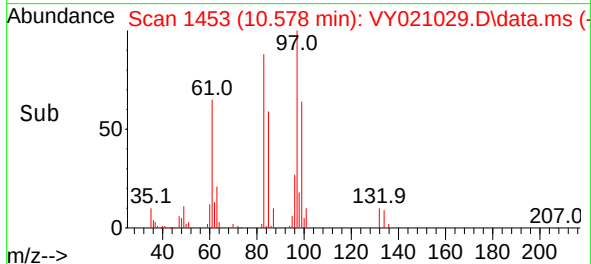
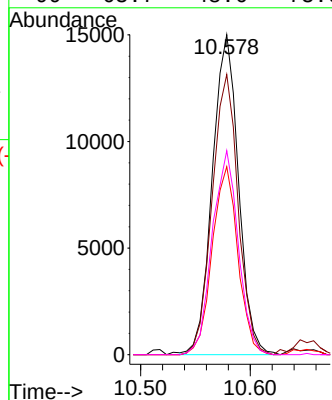
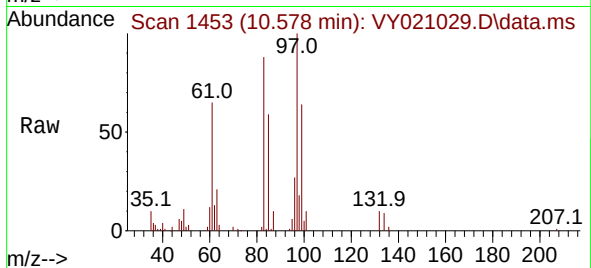
Ion Ratio Lower Upper

97 100

83 87.6 69.4 104.2

85 58.8 43.9 65.9

99 63.7 48.6 73.0



#56

Ethyl methacrylate

Concen: 15.548 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

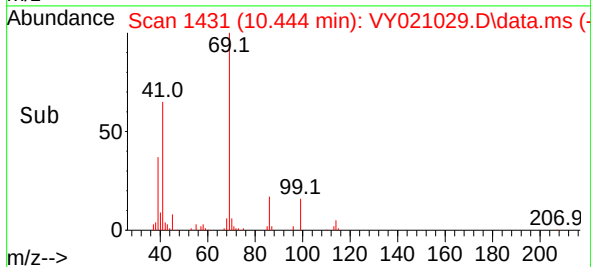
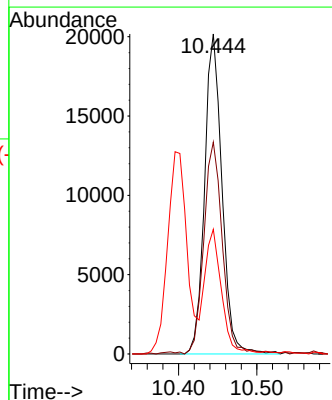
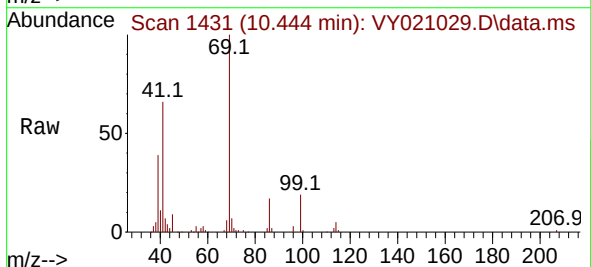
Tgt Ion: 69 Resp: 31090

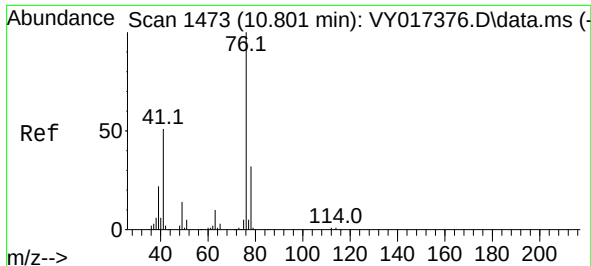
Ion Ratio Lower Upper

69 100

41 71.1 49.2 73.8

39 35.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 16.908 ug/l

RT: 10.725 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

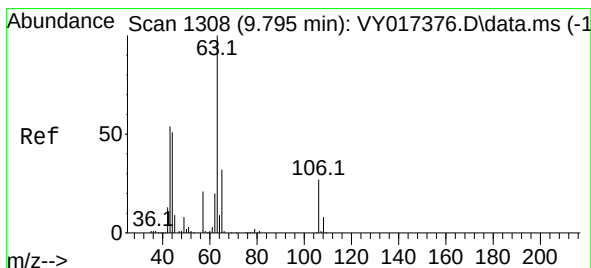
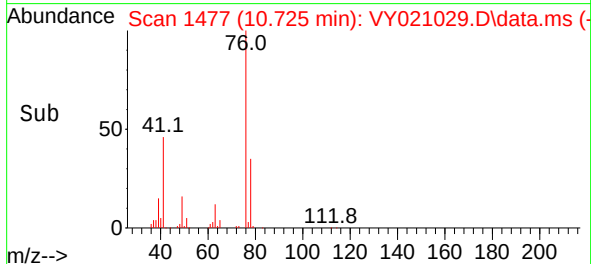
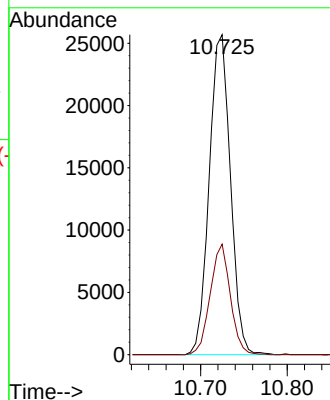
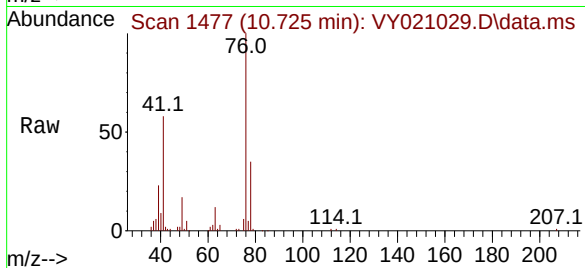
ClientSampleId :

Tgt Ion: 76 Resp: 43745

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 78.355 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021029.D

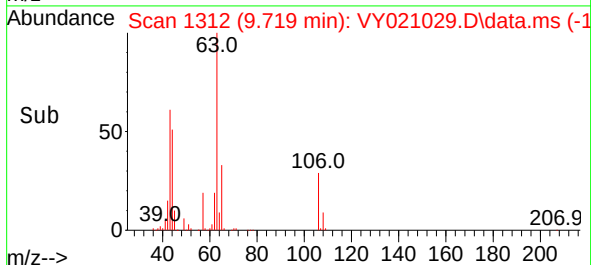
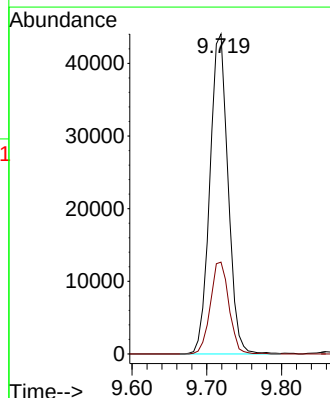
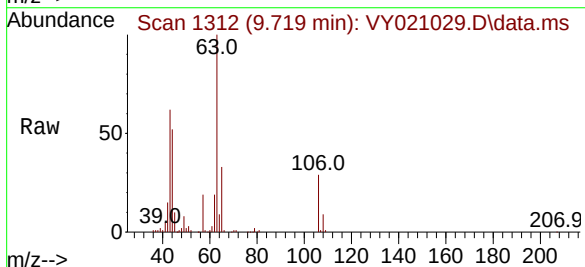
Acq: 03 Feb 2025 14:55

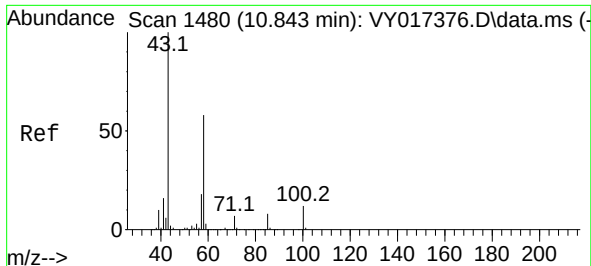
Tgt Ion: 63 Resp: 74540

Ion Ratio Lower Upper

63 100

106 29.3 22.4 33.6





#59

2-Hexanone

Concen: 76.721 ug/l

RT: 10.767 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

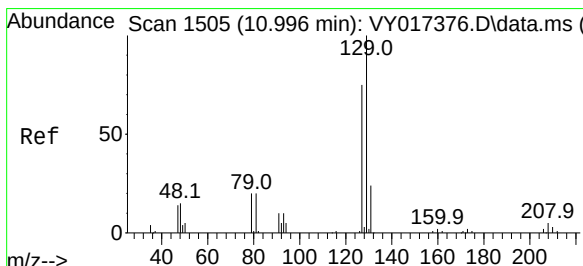
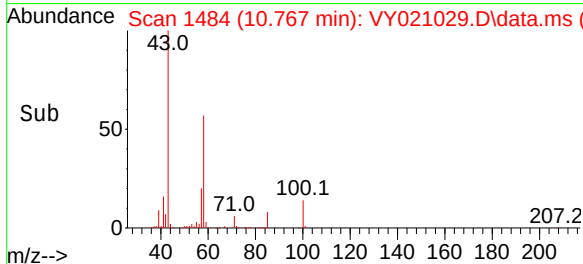
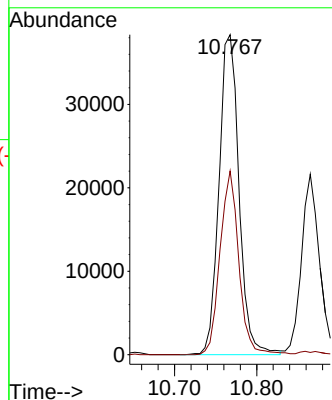
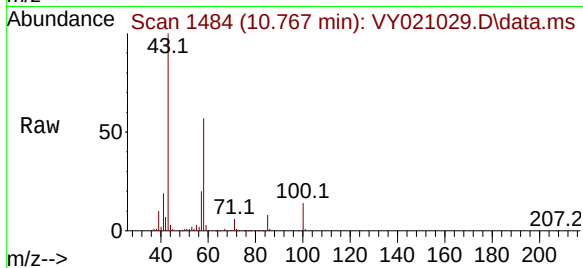
ClientSampleId :

Tgt Ion: 43 Resp: 64809

Ion Ratio Lower Upper

43 100

58 54.1 28.1 84.3



#60

Dibromochloromethane

Concen: 16.540 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021029.D

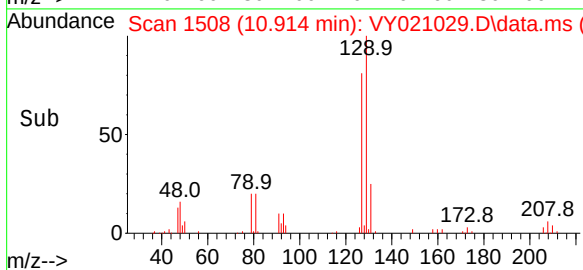
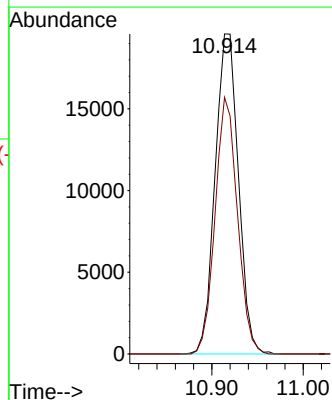
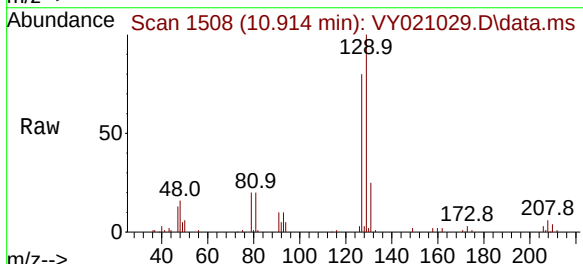
Acq: 03 Feb 2025 14:55

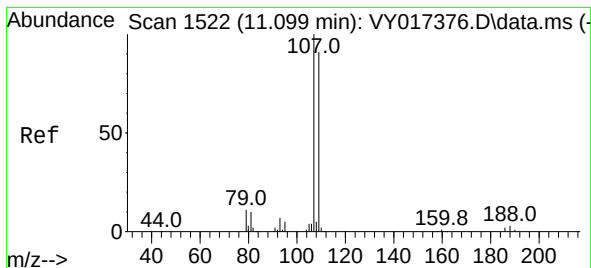
Tgt Ion:129 Resp: 34720

Ion Ratio Lower Upper

129 100

127 76.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 16.732 ug/l

RT: 11.017 min Scan# 1

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

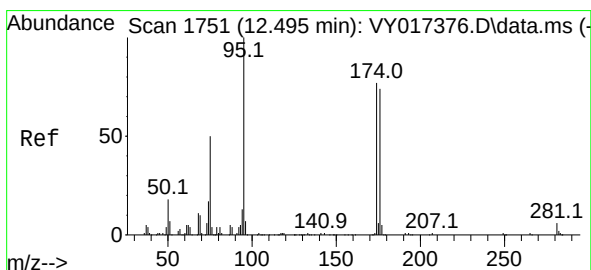
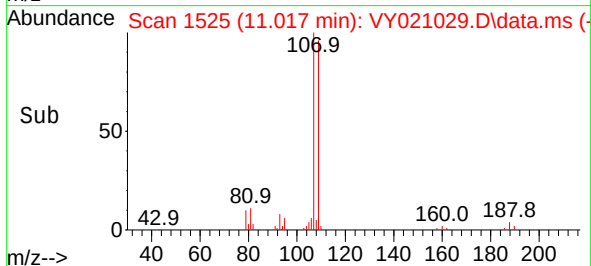
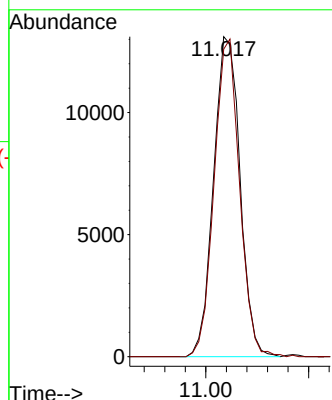
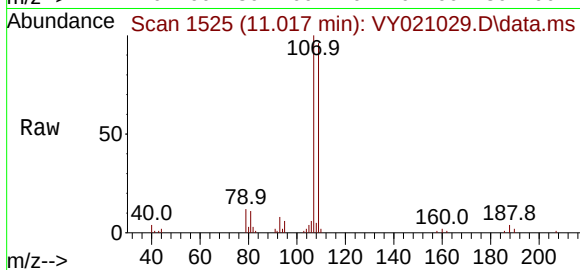
ClientSampleId :

Tgt Ion:107 Resp: 23426

Ion Ratio Lower Upper

107 100

109 95.4 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.679 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

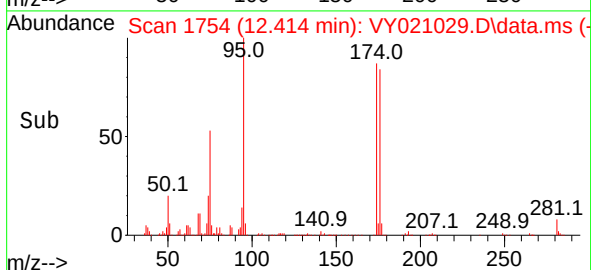
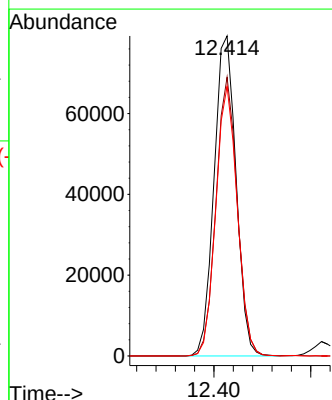
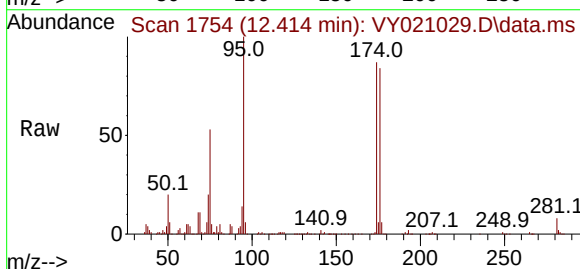
Tgt Ion: 95 Resp: 124856

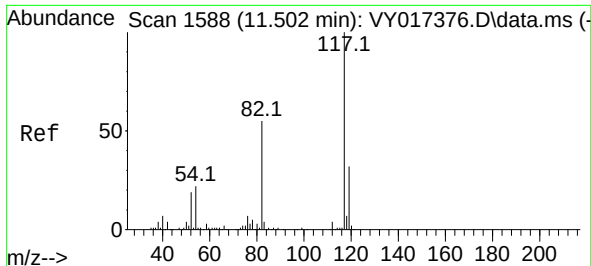
Ion Ratio Lower Upper

95 100

174 84.1 0.0 160.0

176 81.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

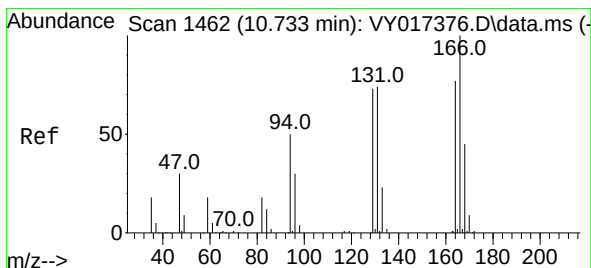
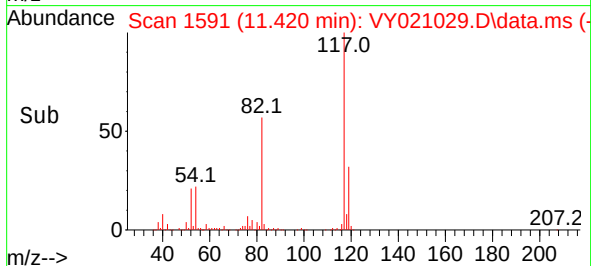
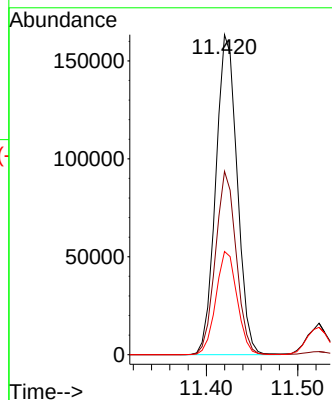
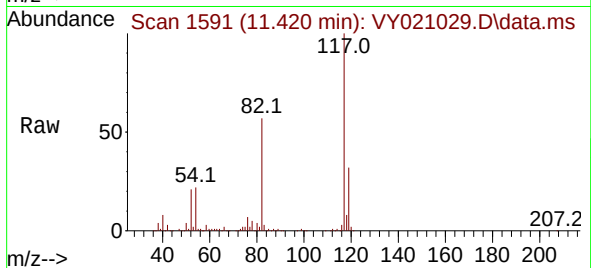
Tgt Ion:117 Resp: 265413

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 18.735 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Tgt Ion:164 Resp: 36914

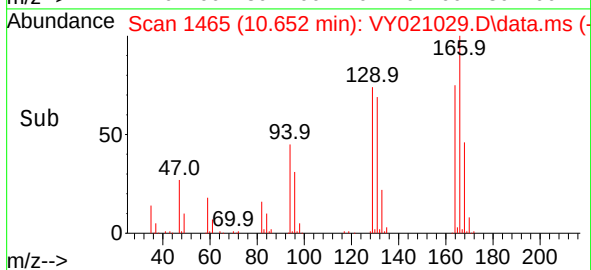
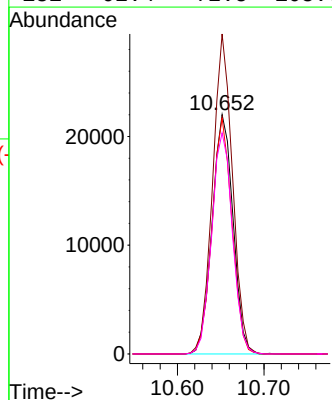
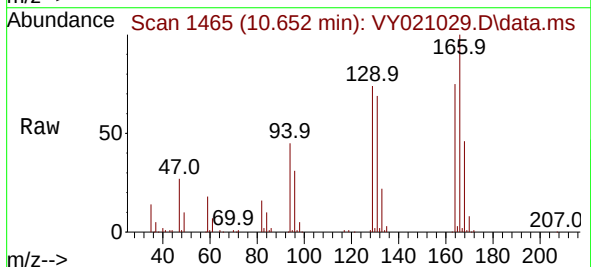
Ion Ratio Lower Upper

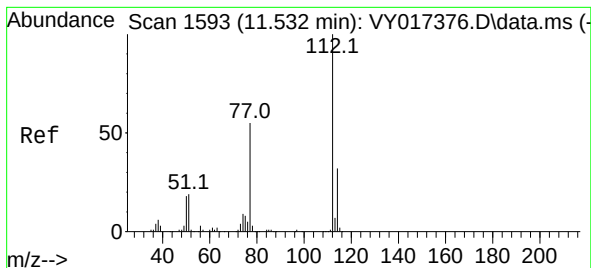
164 100

166 133.7 98.8 148.2

129 98.5 78.9 118.3

131 92.4 72.5 108.7





#65

Chlorobenzene

Concen: 17.719 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

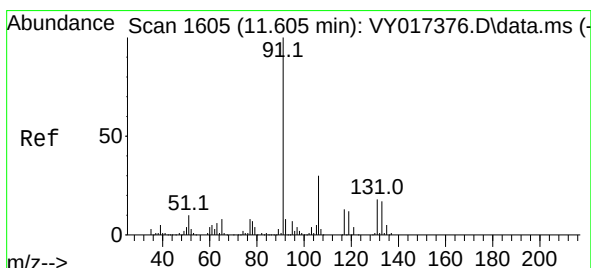
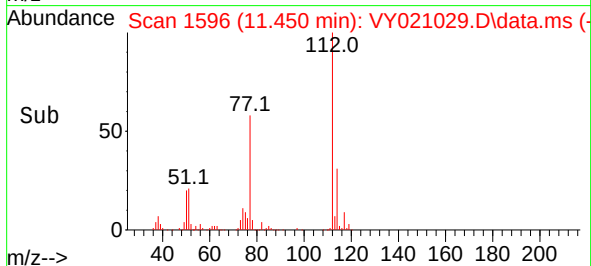
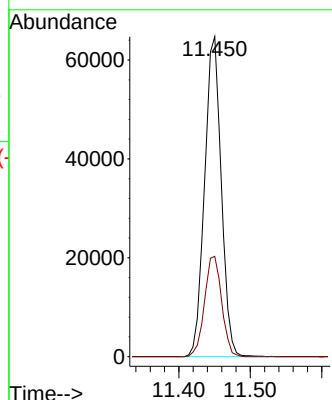
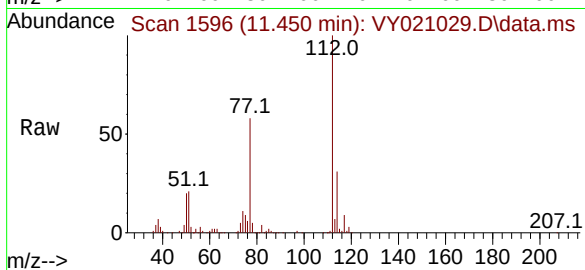
ClientSampleId :

Tgt Ion:112 Resp: 104718

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 17.845 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

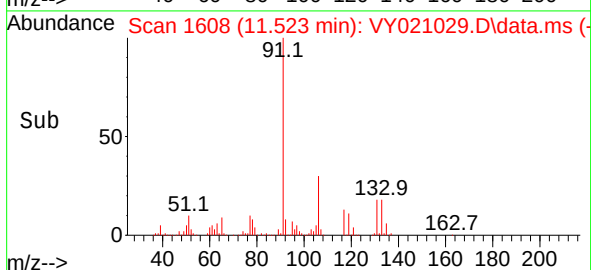
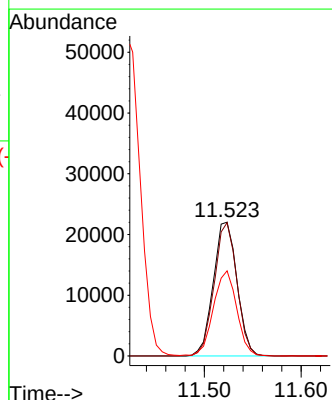
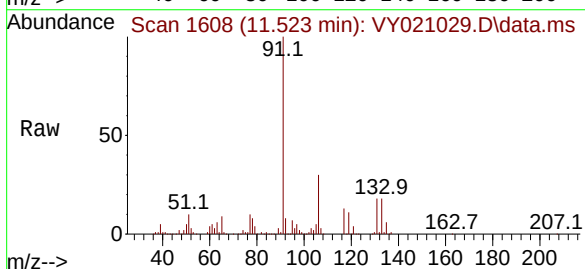
Tgt Ion:131 Resp: 37479

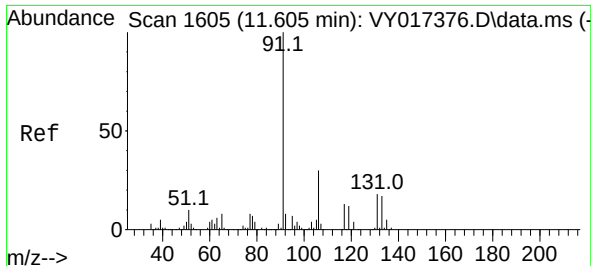
Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.0

119 62.5 33.3 99.9





#67

Ethyl Benzene

Concen: 18.460 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

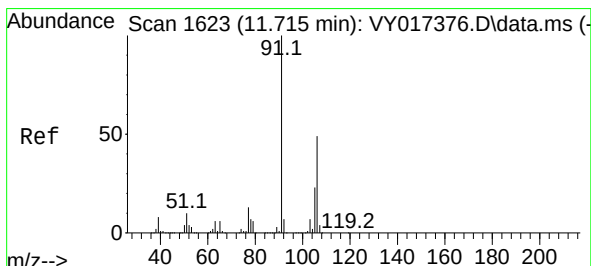
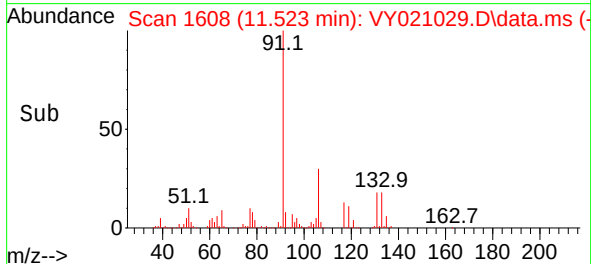
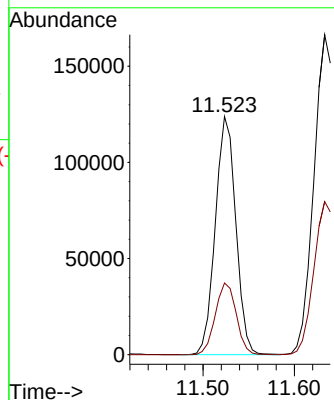
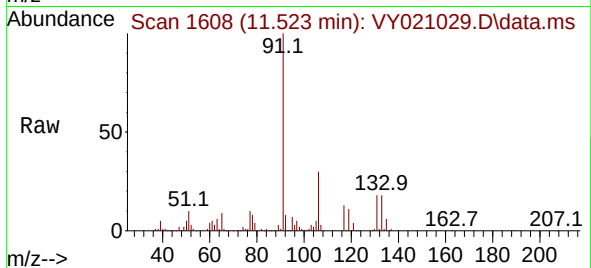
ClientSampleId :

Tgt Ion: 91 Resp: 192965

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 37.154 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021029.D

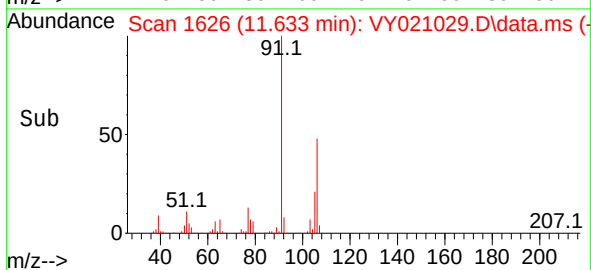
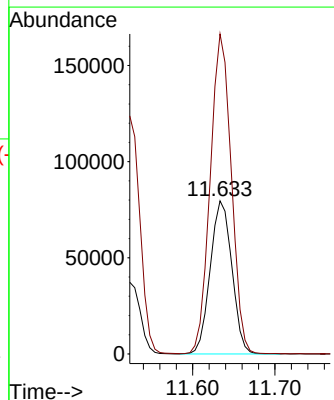
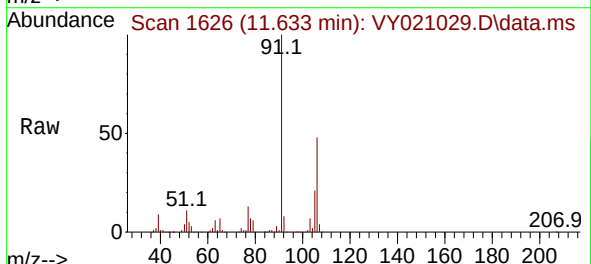
Acq: 03 Feb 2025 14:55

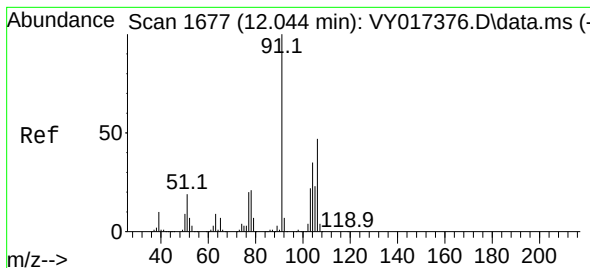
Tgt Ion:106 Resp: 145288

Ion Ratio Lower Upper

106 100

91 204.4 160.7 241.1





#69

o-Xylene

Concen: 18.220 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

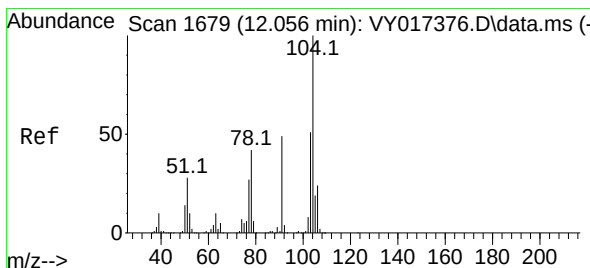
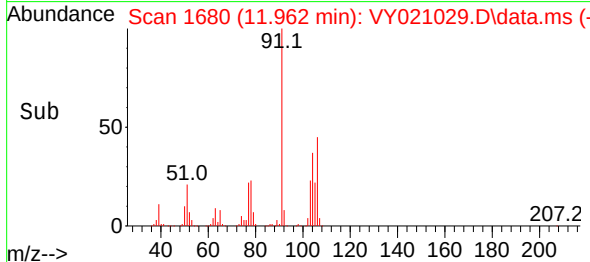
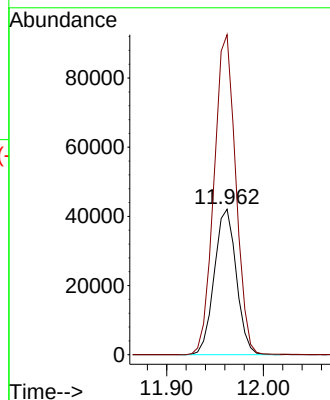
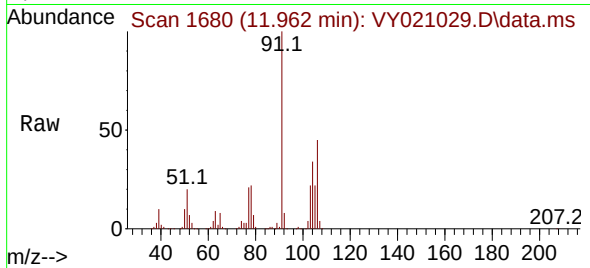
ClientSampleId :

Tgt Ion:106 Resp: 66425

Ion Ratio Lower Upper

106 100

91 217.3 106.5 319.5



#70

Styrene

Concen: 18.175 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

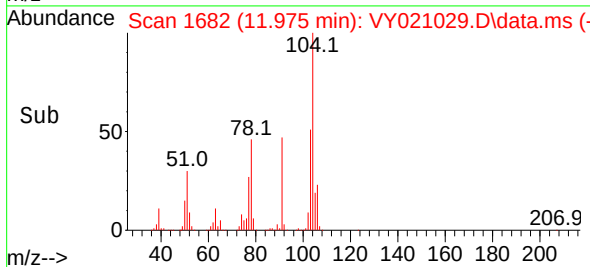
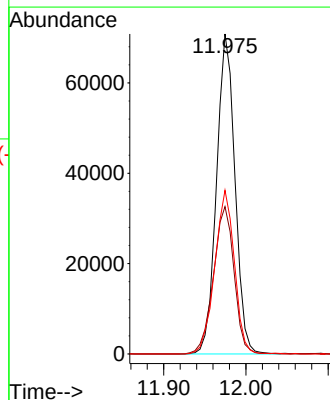
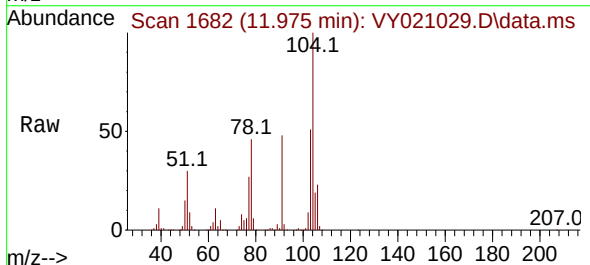
Tgt Ion:104 Resp: 110443

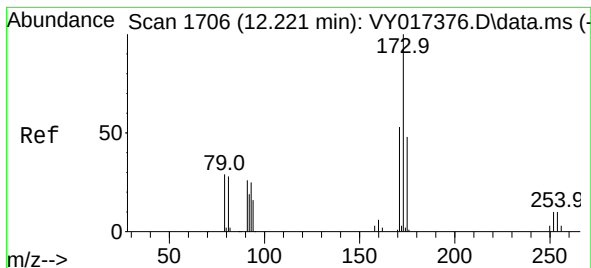
Ion Ratio Lower Upper

104 100

78 51.5 39.2 58.8

103 54.5 43.8 65.6





#71

Bromoform

Concen: 17.011 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

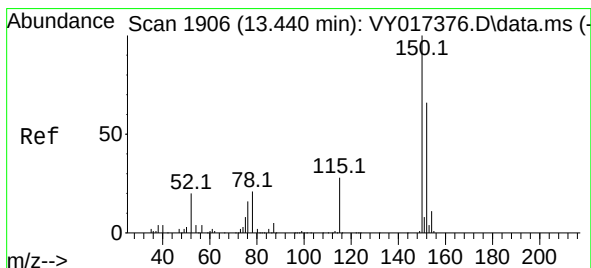
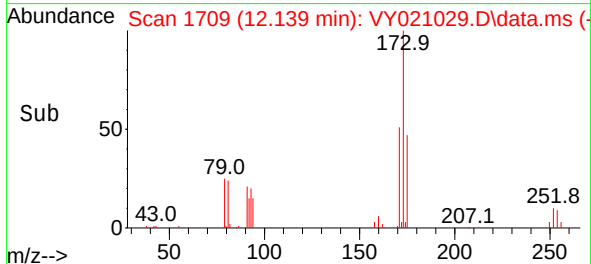
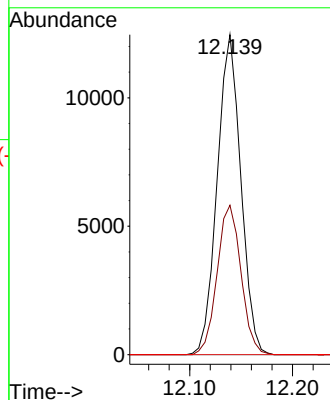
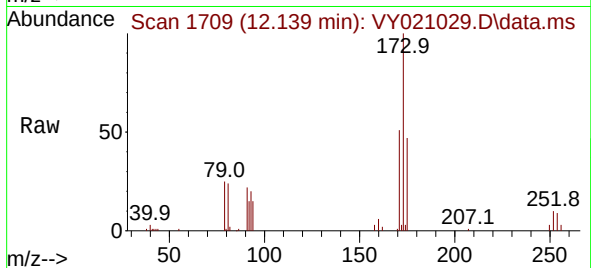
Tgt Ion:173 Resp: 19886

Ion Ratio Lower Upper

173 100

175 47.2 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

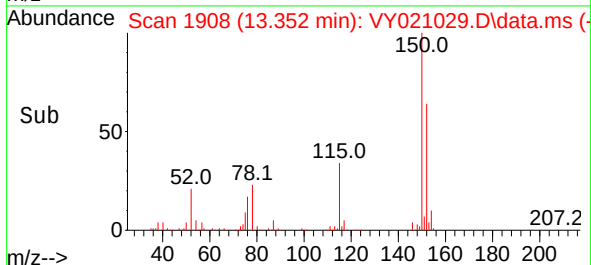
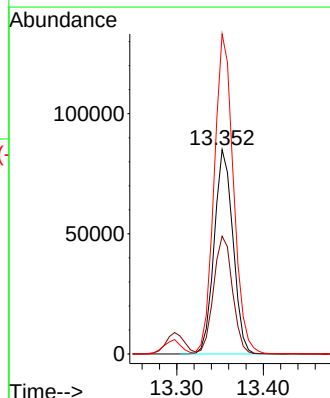
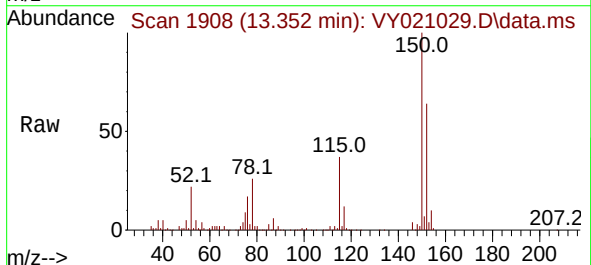
Tgt Ion:152 Resp: 127785

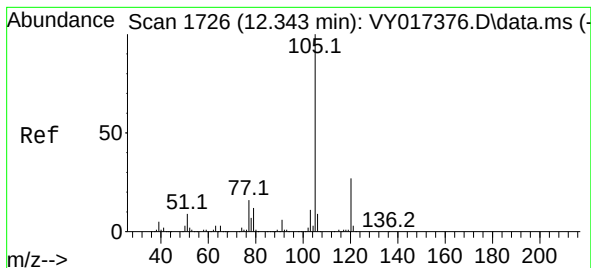
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 161.7 0.0 344.6





#73

Isopropylbenzene

Concen: 18.694 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

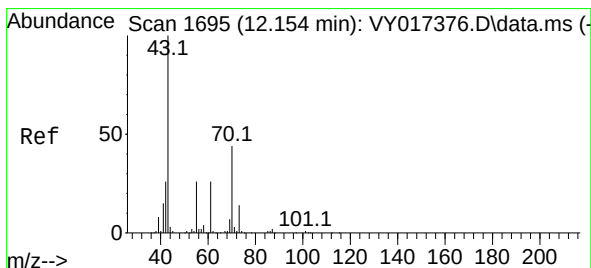
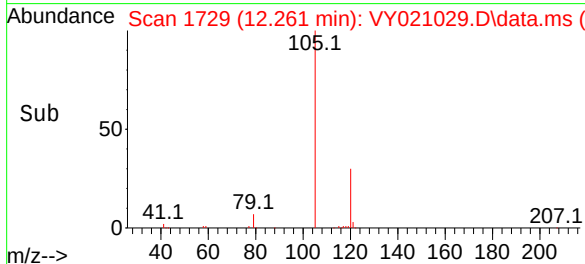
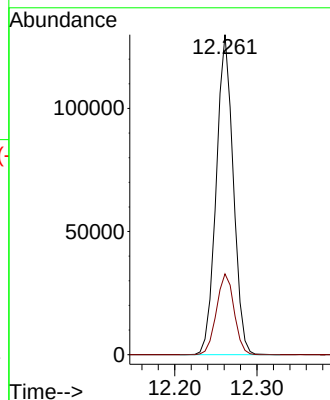
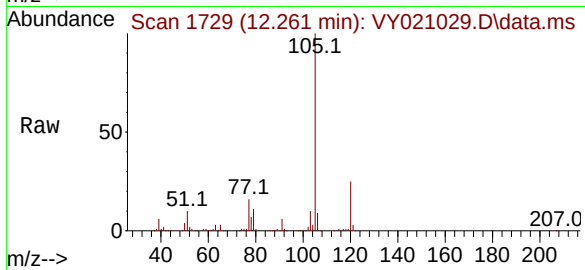
ClientSampleId :

Tgt Ion:105 Resp: 186604

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 16.160 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Tgt Ion: 43 Resp: 35266

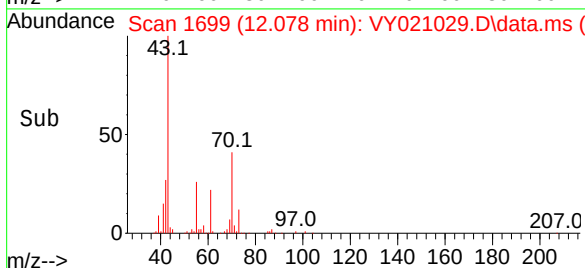
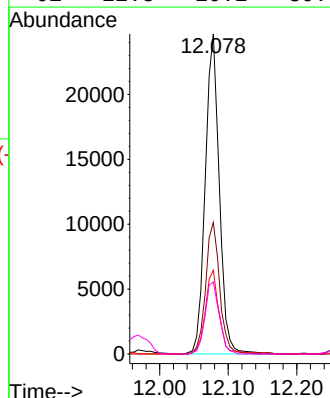
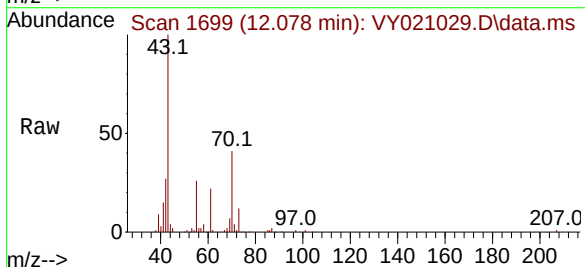
Ion Ratio Lower Upper

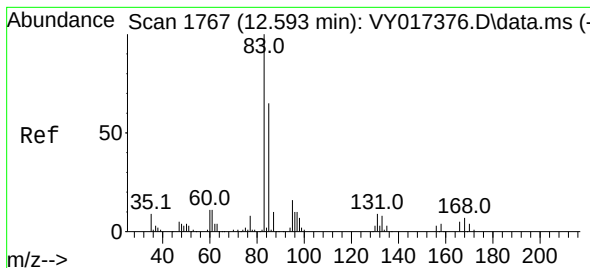
43 100

70 41.0 36.6 55.0

55 25.6 22.2 33.4

61 22.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.386 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

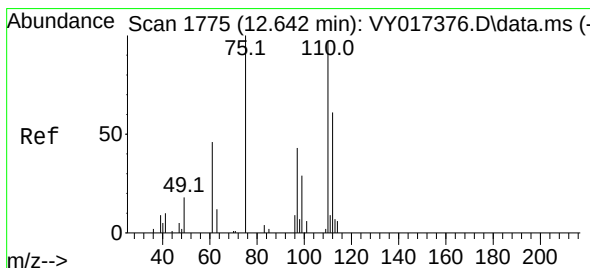
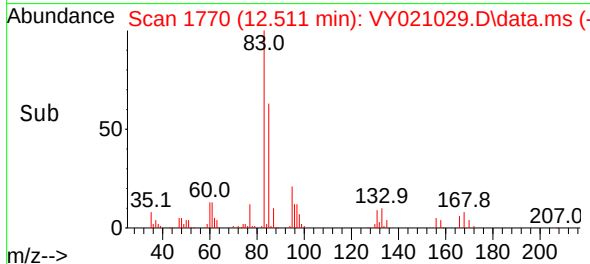
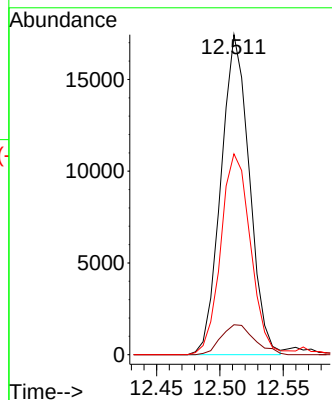
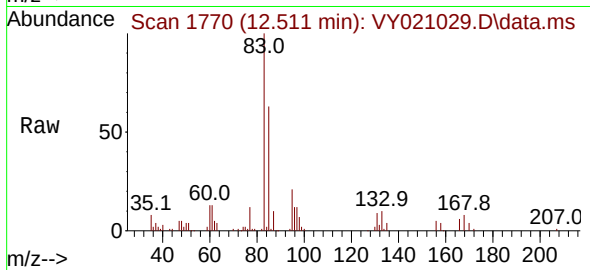
Tgt Ion: 83 Resp: 27202

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.6

85 66.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 31.762 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021029.D

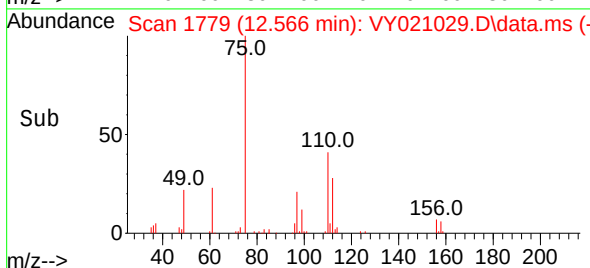
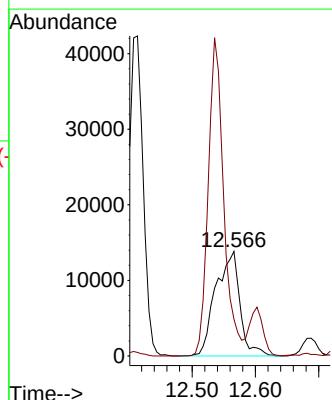
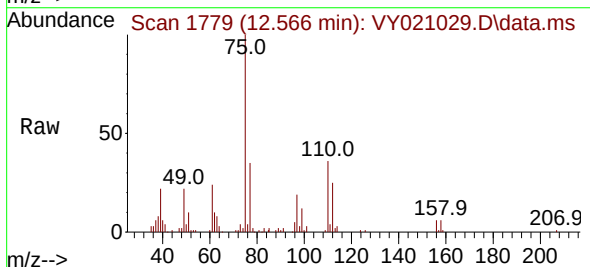
Acq: 03 Feb 2025 14:55

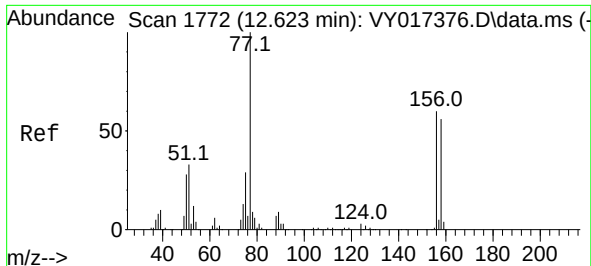
Tgt Ion: 75 Resp: 36818

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

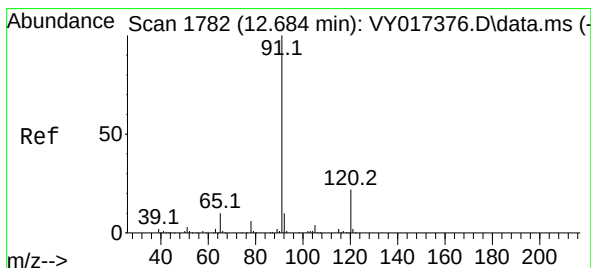
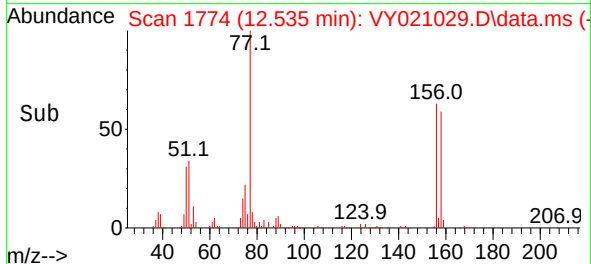
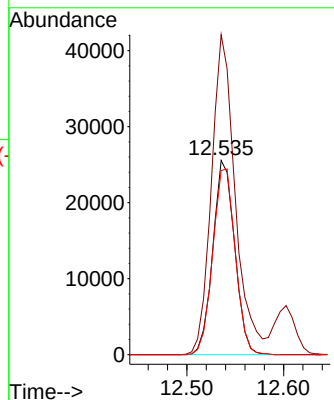
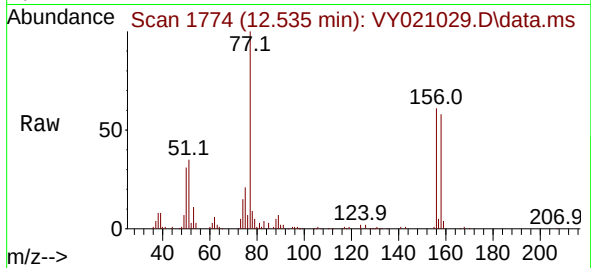




#77
Bromobenzene
Concen: 17.419 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

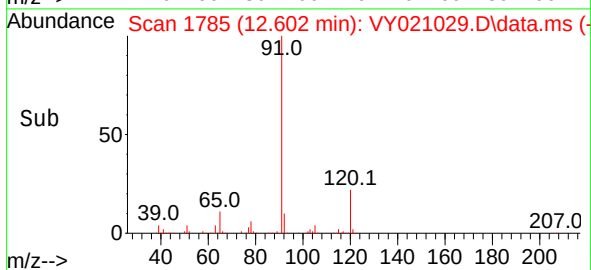
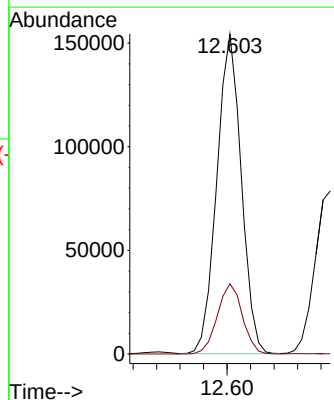
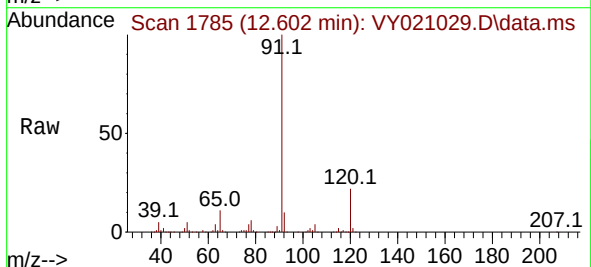
Instrument :
MSVOA_Y
ClientSampleId :

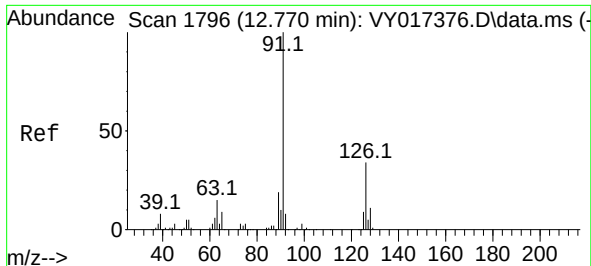
Tgt Ion:156 Resp: 40125
Ion Ratio Lower Upper
156 100
77 178.6 97.3 291.8
158 98.5 48.4 145.0



#78
n-propylbenzene
Concen: 18.756 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 91 Resp: 223020
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 18.074 ug/l

RT: 12.688 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

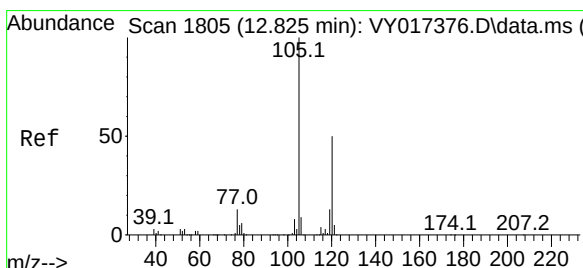
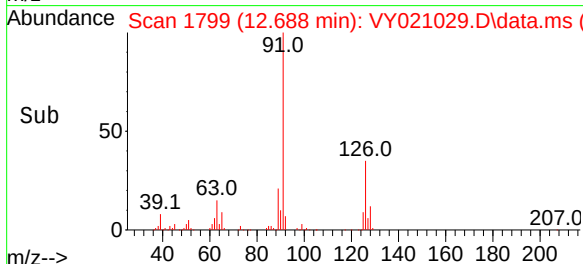
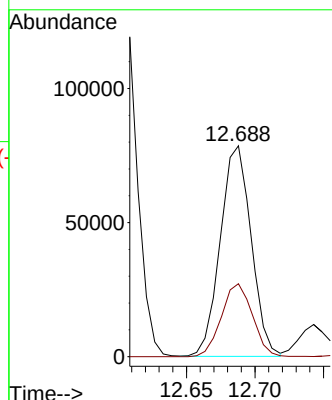
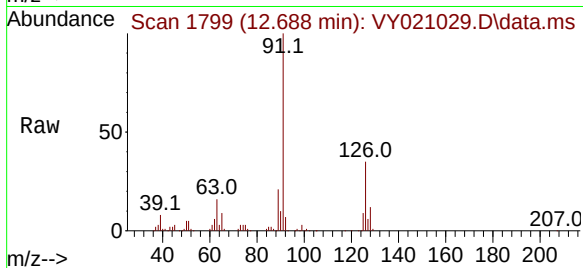
ClientSampleId :

Tgt Ion: 91 Resp: 123088

Ion Ratio Lower Upper

91 100

126 34.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 18.419 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021029.D

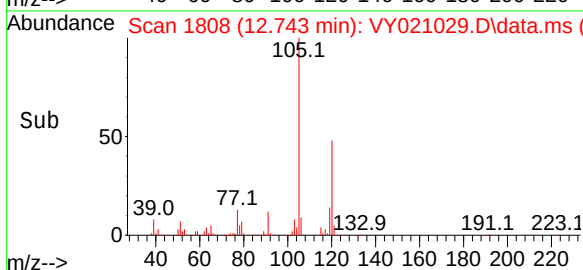
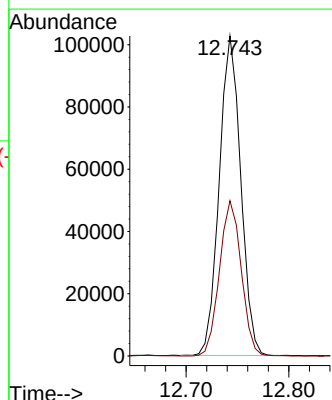
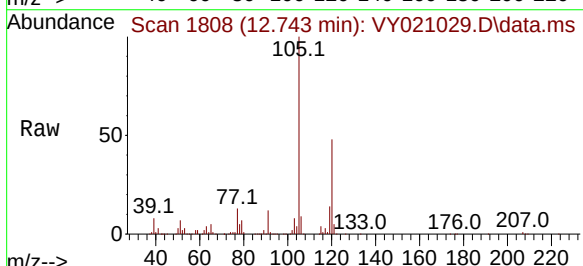
Acq: 03 Feb 2025 14:55

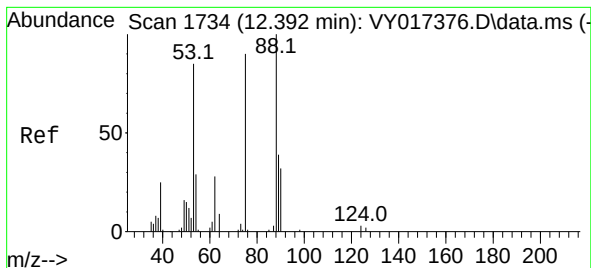
Tgt Ion:105 Resp: 149063

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

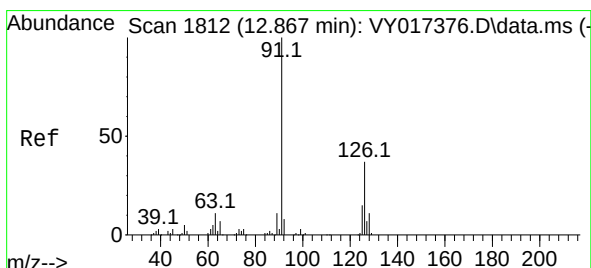
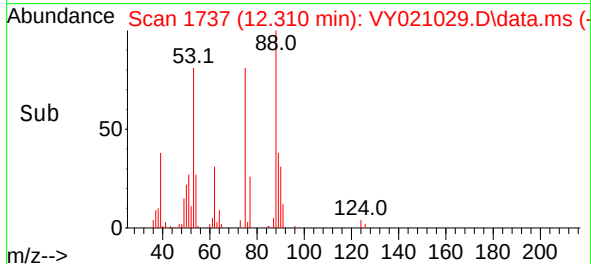
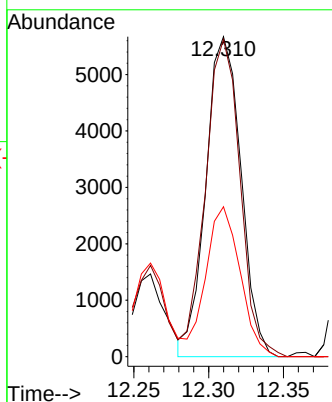
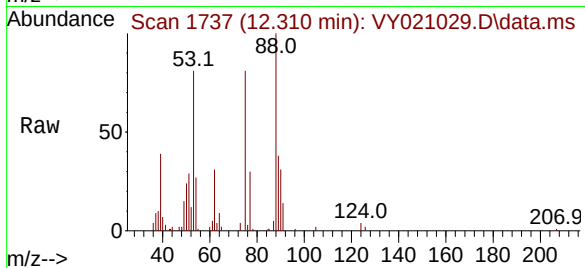




#81
trans-1,4-Dichloro-2-butene
Concen: 16.276 ug/l
RT: 12.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

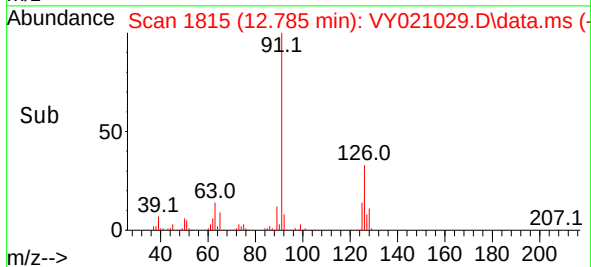
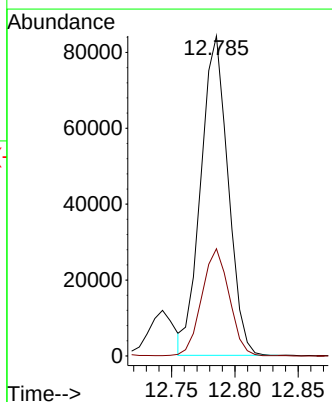
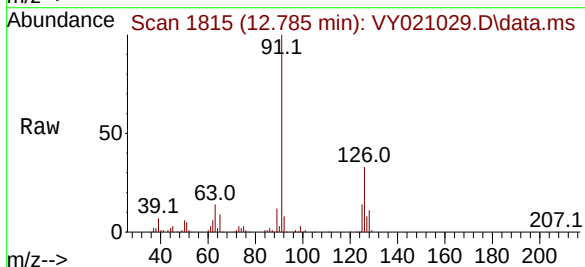
Instrument :
MSVOA_Y
ClientSampleId :

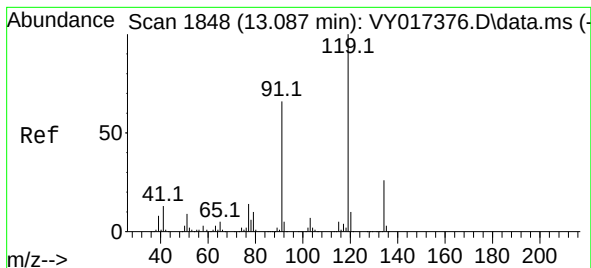
Tgt Ion: 75 Resp: 9246
Ion Ratio Lower Upper
75 100
53 97.8 74.0 111.0
89 45.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 18.183 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021029.D
Acq: 03 Feb 2025 14:55

Tgt Ion: 91 Resp: 126164
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.426 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

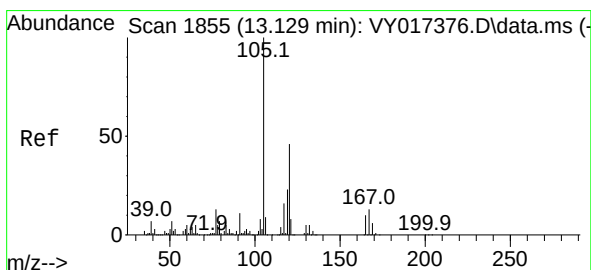
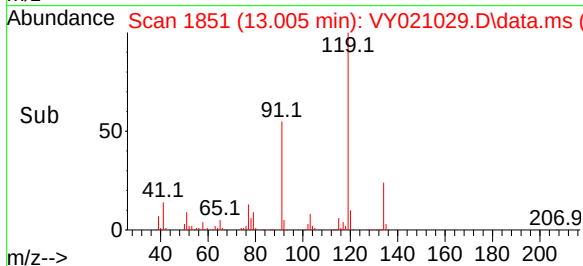
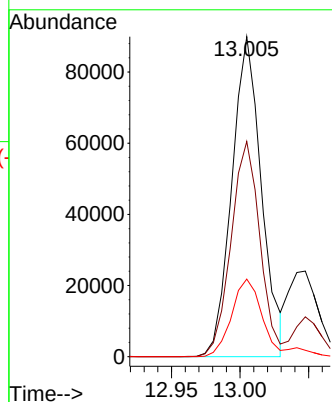
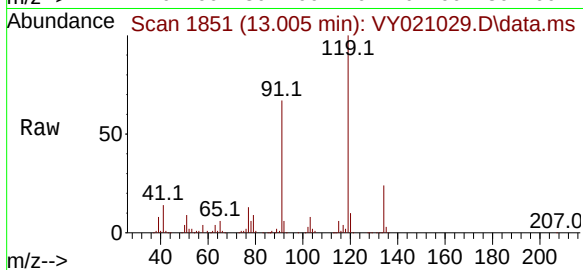
Tgt Ion:119 Resp: 135542

Ion Ratio Lower Upper

119 100

91 65.6 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 18.777 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021029.D

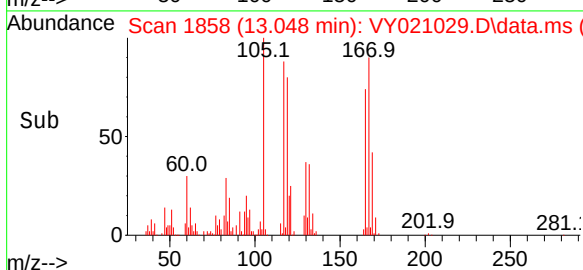
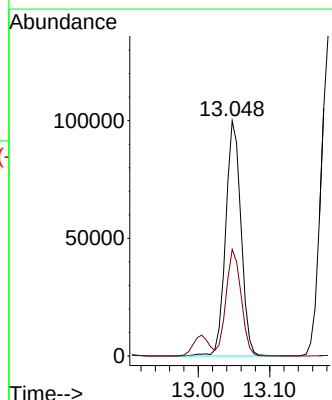
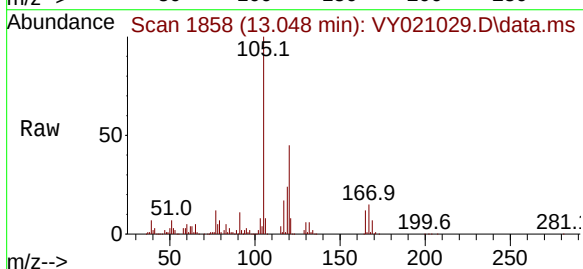
Acq: 03 Feb 2025 14:55

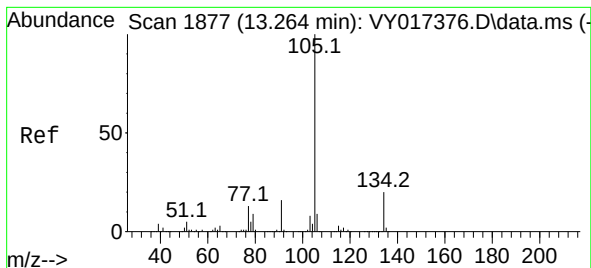
Tgt Ion:105 Resp: 148583

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.789 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

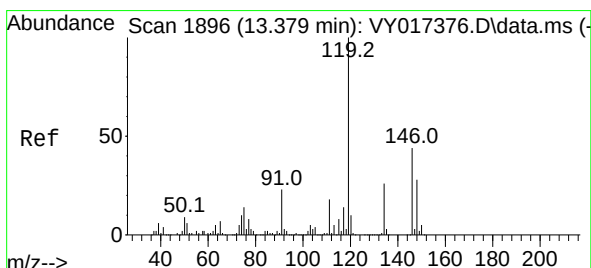
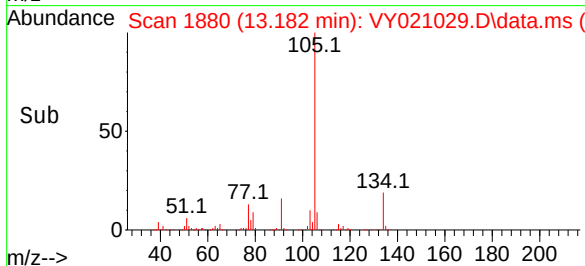
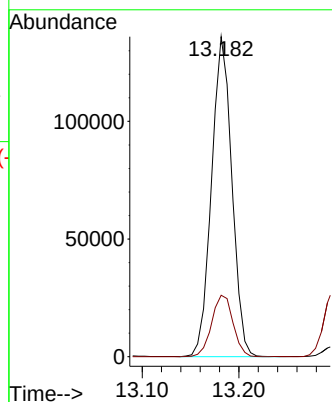
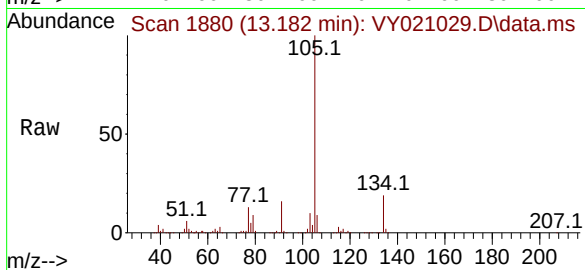
ClientSampleId :

Tgt Ion:105 Resp: 198955

Ion Ratio Lower Upper

105 100

134 20.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.926 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

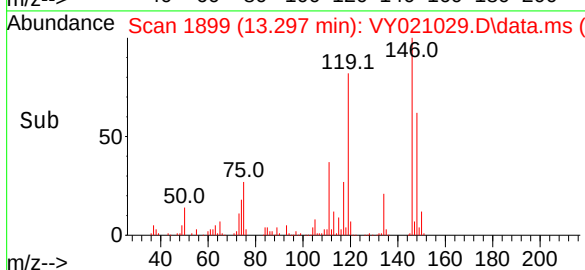
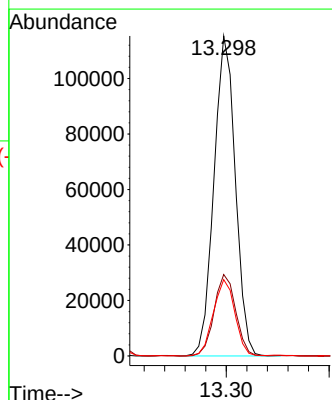
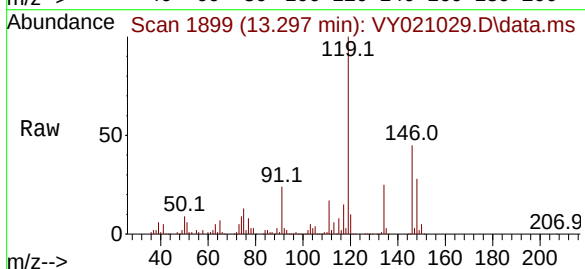
Tgt Ion:119 Resp: 166473

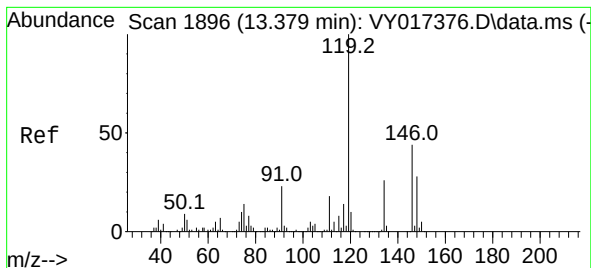
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 24.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.232 ug/l

RT: 13.297 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

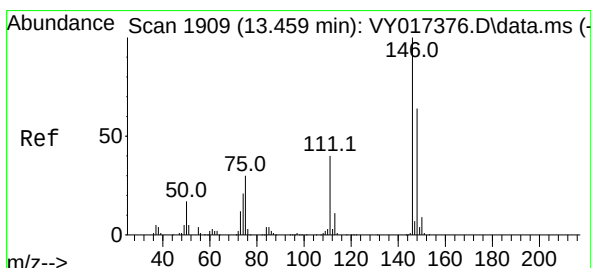
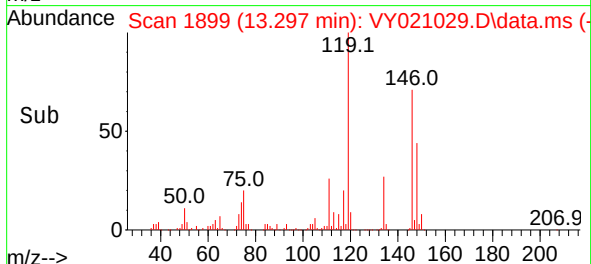
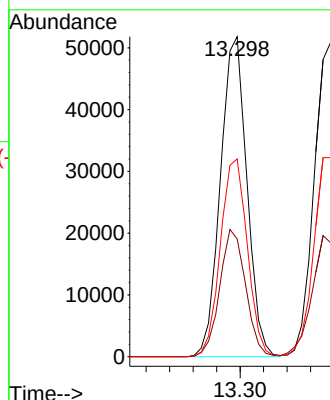
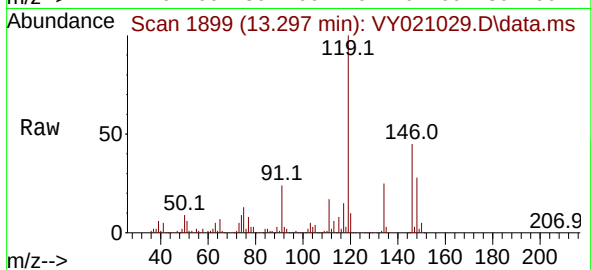
Tgt Ion:146 Resp: 81089

Ion Ratio Lower Upper

146 100

111 39.0 20.2 60.5

148 62.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 17.892 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

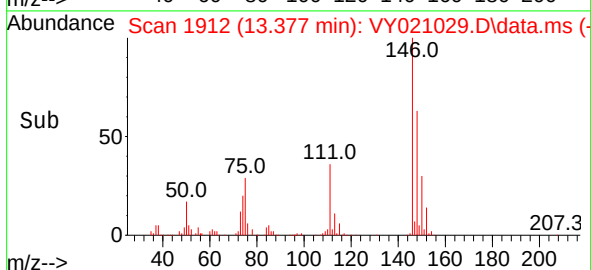
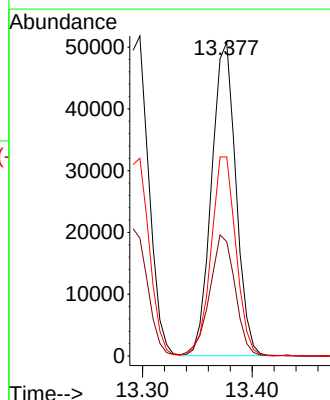
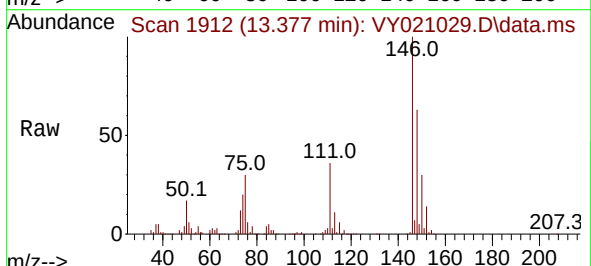
Tgt Ion:146 Resp: 78352

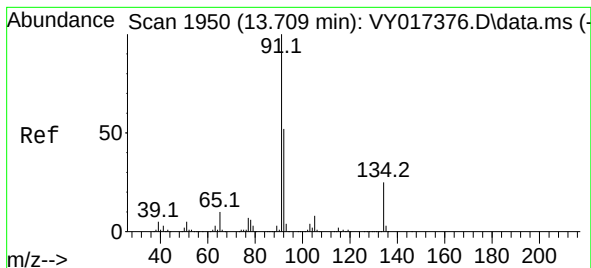
Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.9

148 64.7 31.6 94.7





#89

n-Butylbenzene

Concen: 19.114 ug/l

RT: 13.627 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

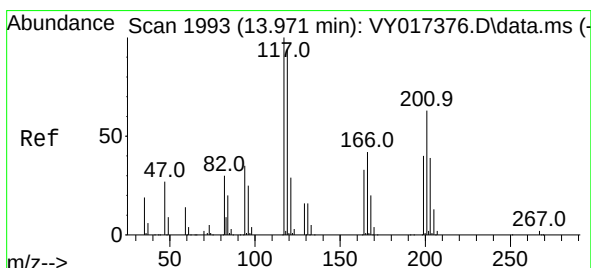
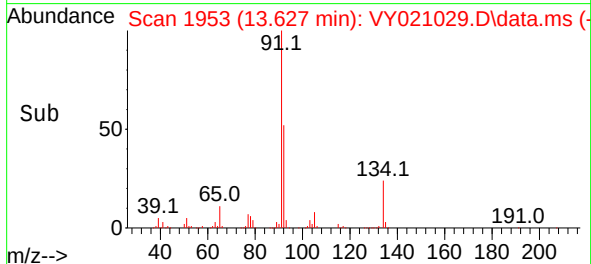
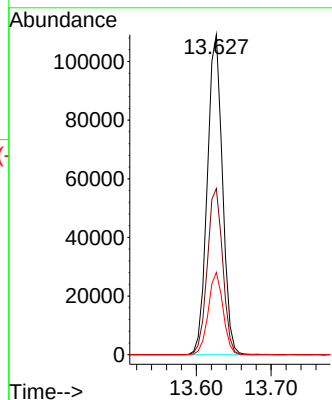
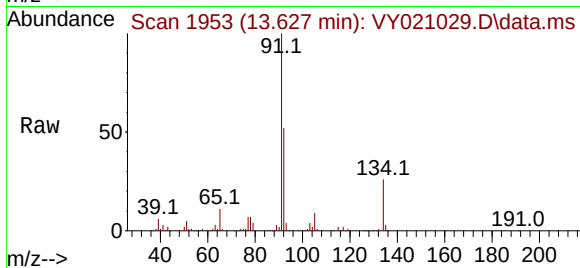
Tgt Ion: 91 Resp: 153379

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.2 12.3 36.8



#90

Hexachloroethane

Concen: 18.561 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021029.D

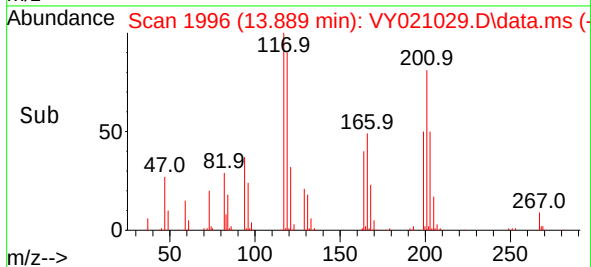
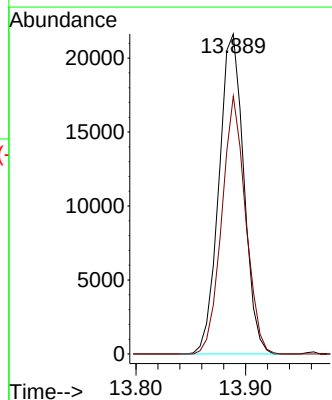
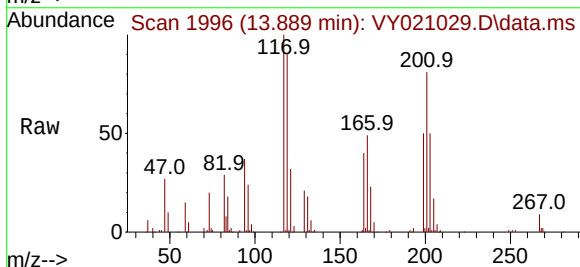
Acq: 03 Feb 2025 14:55

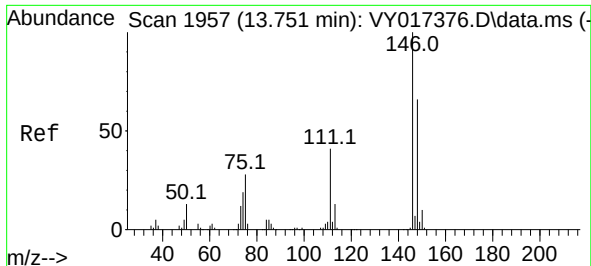
Tgt Ion: 117 Resp: 34059

Ion Ratio Lower Upper

117 100

201 77.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 17.490 ug/l

RT: 13.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

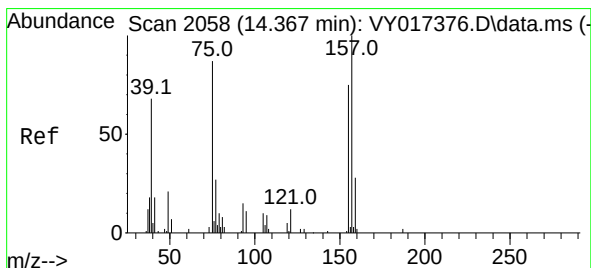
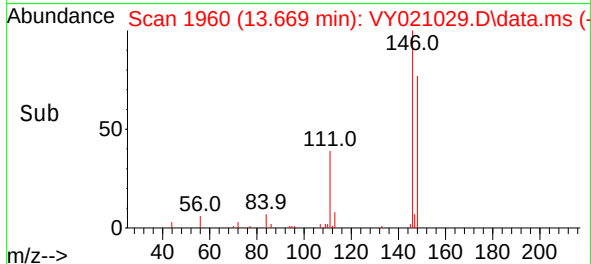
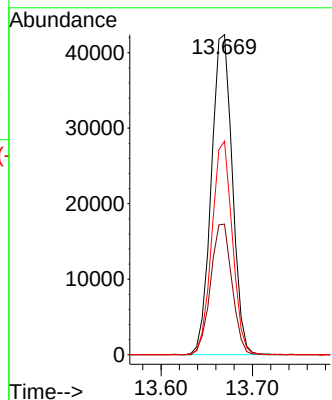
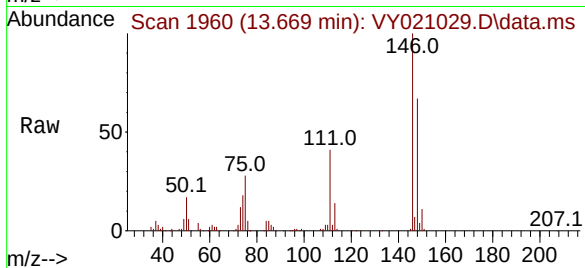
Tgt Ion:146 Resp: 67516

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 65.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.644 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

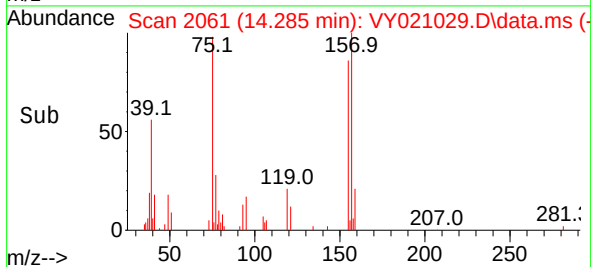
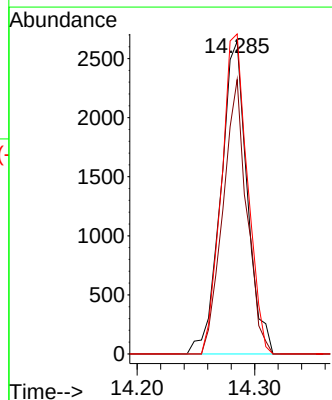
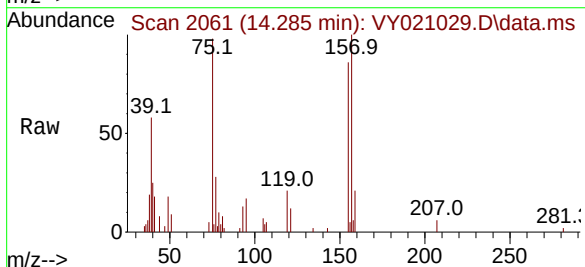
Tgt Ion: 75 Resp: 4129

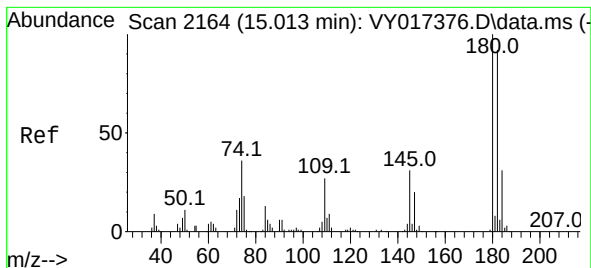
Ion Ratio Lower Upper

75 100

155 79.4 42.1 126.3

157 100.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.455 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

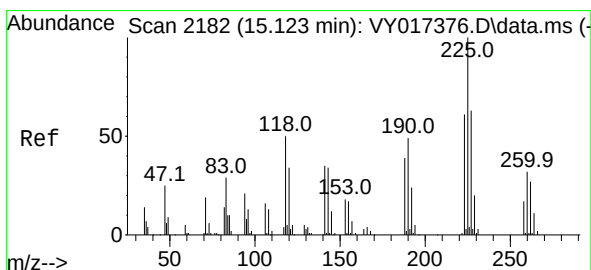
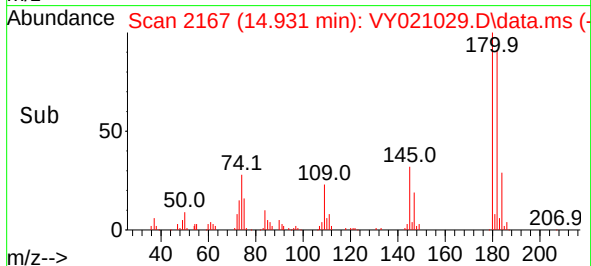
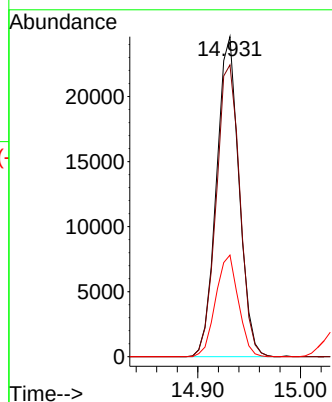
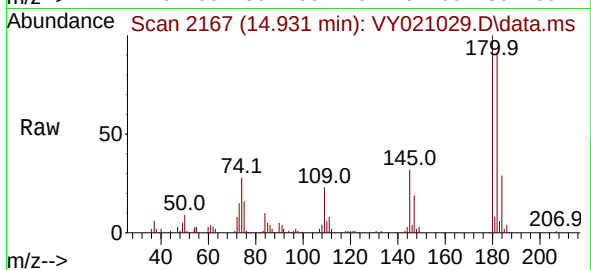
Tgt Ion:180 Resp: 37507

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.919 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

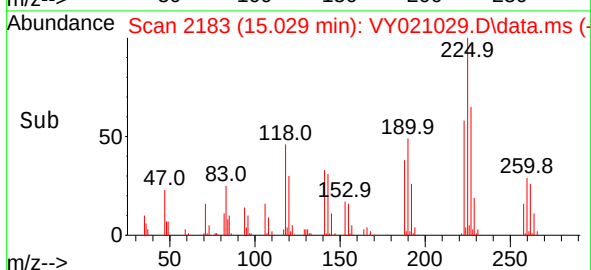
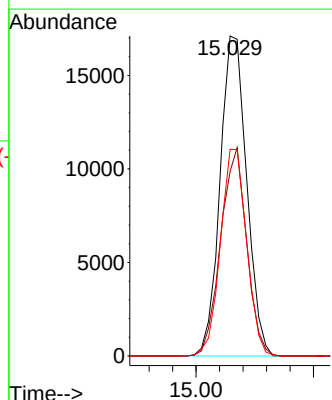
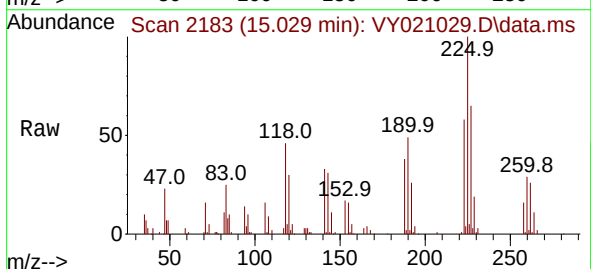
Tgt Ion:225 Resp: 26939

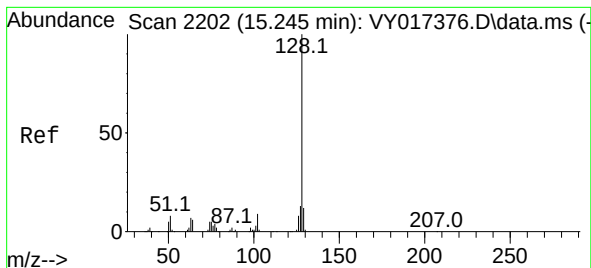
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 63.4 32.3 96.8





#95

Naphthalene

Concen: 15.865 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

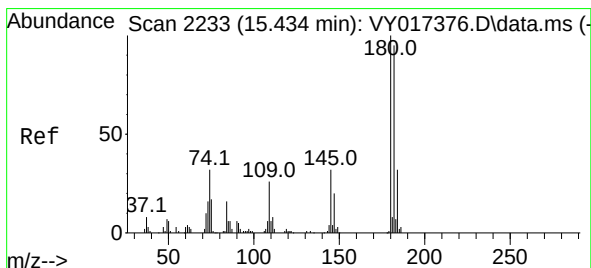
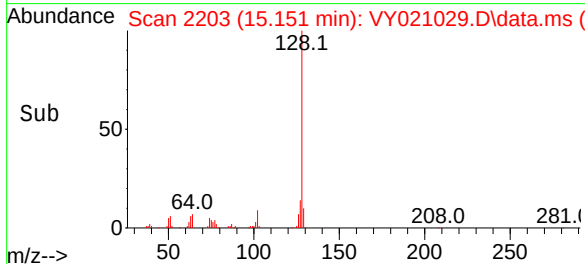
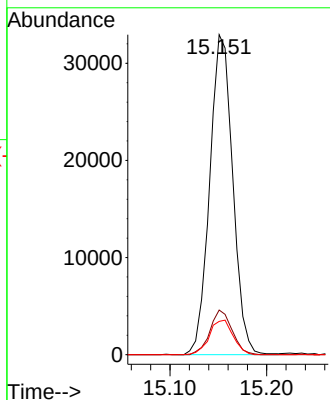
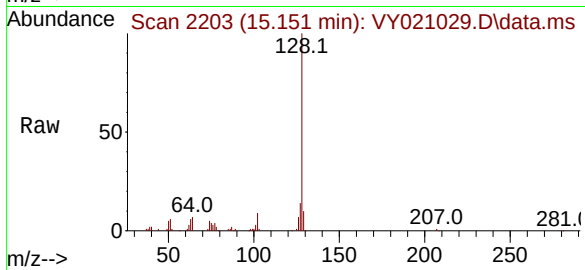
Tgt Ion:128 Resp: 54539

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.280 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021029.D

Acq: 03 Feb 2025 14:55

Tgt Ion:180 Resp: 30900

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 31.7 16.1 48.2

