

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021049.D
 Acq On : 04 Feb 2025 11:15
 Operator : SY/MD
 Sample : VY0204SBSD01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:44:20 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	7.707	168	146628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	228862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	199914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82979	55.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.634	113	78118	53.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.109	98	301231	53.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.408	95	102686	56.291	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	25275	19.340	ug/l	100
3) Chloromethane	2.068	50	25438	19.726	ug/l	99
4) Vinyl Chloride	2.208	62	23489	18.096	ug/l	96
5) Bromomethane	2.592	94	15435	19.240	ug/l	96
6) Chloroethane	2.732	64	13597	17.597	ug/l	92
7) Trichlorofluoromethane	3.062	101	43623	18.447	ug/l	99
8) Diethyl Ether	3.458	74	13989	18.950	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	28307	19.073	ug/l	96
10) Methyl Iodide	4.007	142	30758	18.654	ug/l	93
11) Tert butyl alcohol	4.866	59	12122	119.070	ug/l	97
12) 1,1-Dichloroethene	3.787	96	26361	18.855	ug/l	95
13) Acrolein	3.653	56	16917	107.911	ug/l	99
14) Allyl chloride	4.385	41	46391	19.689	ug/l	95
15) Acrylonitrile	5.061	53	33011	107.385	ug/l	98
16) Acetone	3.866	43	27652	118.028	ug/l	99
17) Carbon Disulfide	4.110	76	80275	18.311	ug/l	100
18) Methyl Acetate	4.391	43	17827	21.676	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	71999	20.375	ug/l	98
20) Methylene Chloride	4.616	84	29370	20.166	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	29992	19.489	ug/l	98
22) Diisopropyl ether	6.025	45	100790	20.753	ug/l	97
23) Vinyl Acetate	5.958	43	281228	103.873	ug/l	97
24) 1,1-Dichloroethane	5.915	63	57133	20.079	ug/l	100
25) 2-Butanone	6.890	43	42173	109.543	ug/l	98
26) 2,2-Dichloropropane	6.890	77	52601	19.978	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	35347	19.955	ug/l	95
28) Bromochloromethane	7.244	49	26277	23.354	ug/l	99
29) Tetrahydrofuran	7.262	42	28552	109.600	ug/l	95
30) Chloroform	7.421	83	58632	20.061	ug/l	100
31) Cyclohexane	7.701	56	47633	18.589	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	53948	19.853	ug/l	99
36) 1,1-Dichloropropene	7.835	75	41772	19.228	ug/l	99
37) Ethyl Acetate	6.982	43	20433	21.440	ug/l	99
38) Carbon Tetrachloride	7.823	117	49097	19.342	ug/l	99
39) Methylcyclohexane	9.109	83	49181	18.508	ug/l	96
40) Benzene	8.079	78	127577	20.011	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	9952	18.050	ug/l	91
42) 1,2-Dichloroethane	8.158	62	36140	20.435	ug/l	98
43) Isopropyl Acetate	8.195	43	39516	20.867	ug/l	98
44) Trichloroethene	8.866	130	32010	19.434	ug/l	95
45) 1,2-Dichloropropane	9.146	63	30339	20.050	ug/l	99
46) Dibromomethane	9.231	93	17527	20.920	ug/l	96
47) Bromodichloromethane	9.426	83	46392	20.646	ug/l	99
48) Methyl methacrylate	9.219	41	17694	20.513	ug/l	94
49) 1,4-Dioxane	9.225	88	3465	444.260	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	104432	109.666	ug/l	96
52) Toluene	10.170	92	80328	20.067	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	40857	20.250	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	48108	20.138	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	22256	20.514	ug/l	97
56) Ethyl methacrylate	10.438	69	29794	20.528	ug/l	93
57) 1,3-Dichloropropane	10.719	76	38712	20.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	70063	101.468	ug/l	98
59) 2-Hexanone	10.762	43	67225	109.642	ug/l	95
60) Dibromochloromethane	10.914	129	31488	20.667	ug/l	97
61) 1,2-Dibromoethane	11.018	107	20435	20.109	ug/l	96
64) Tetrachloroethene	10.646	164	29061	19.582	ug/l	97
65) Chlorobenzene	11.444	112	87602	19.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	31681	20.027	ug/l	97
67) Ethyl Benzene	11.518	91	154275	19.594	ug/l	99
68) m/p-Xylenes	11.633	106	116912	39.693	ug/l	97
69) o-Xylene	11.956	106	55196	20.100	ug/l	97
70) Styrene	11.969	104	92679	20.249	ug/l	99
71) Bromoform	12.133	173	18763	21.309	ug/l #	100
73) Isopropylbenzene	12.255	105	146884	18.529	ug/l	99
74) N-amyl acetate	12.072	43	35202	20.311	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	26783	20.315	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	34234	37.188	ug/l #	100
77) Bromobenzene	12.536	156	34826	19.037	ug/l	93
78) n-propylbenzene	12.597	91	177026	18.746	ug/l	98
79) 2-Chlorotoluene	12.682	91	101134	18.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	124402	19.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8499	18.838	ug/l	89
82) 4-Chlorotoluene	12.779	91	104609	18.983	ug/l	99
83) tert-Butylbenzene	12.999	119	108559	18.583	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	120603	19.191	ug/l	99
85) sec-Butylbenzene	13.176	105	156108	18.564	ug/l	98
86) p-Isopropyltoluene	13.292	119	133404	19.097	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	67742	19.178	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	68868	19.802	ug/l	100
89) n-Butylbenzene	13.621	91	121493	19.065	ug/l	99
90) Hexachloroethane	13.883	117	27525	18.888	ug/l	89
91) 1,2-Dichlorobenzene	13.663	146	60946	19.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4096	20.790	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	34289	20.093	ug/l	98
94) Hexachlorobutadiene	15.023	225	22025	19.476	ug/l	99
95) Naphthalene	15.151	128	56048	20.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	29672	20.894	ug/l	96

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

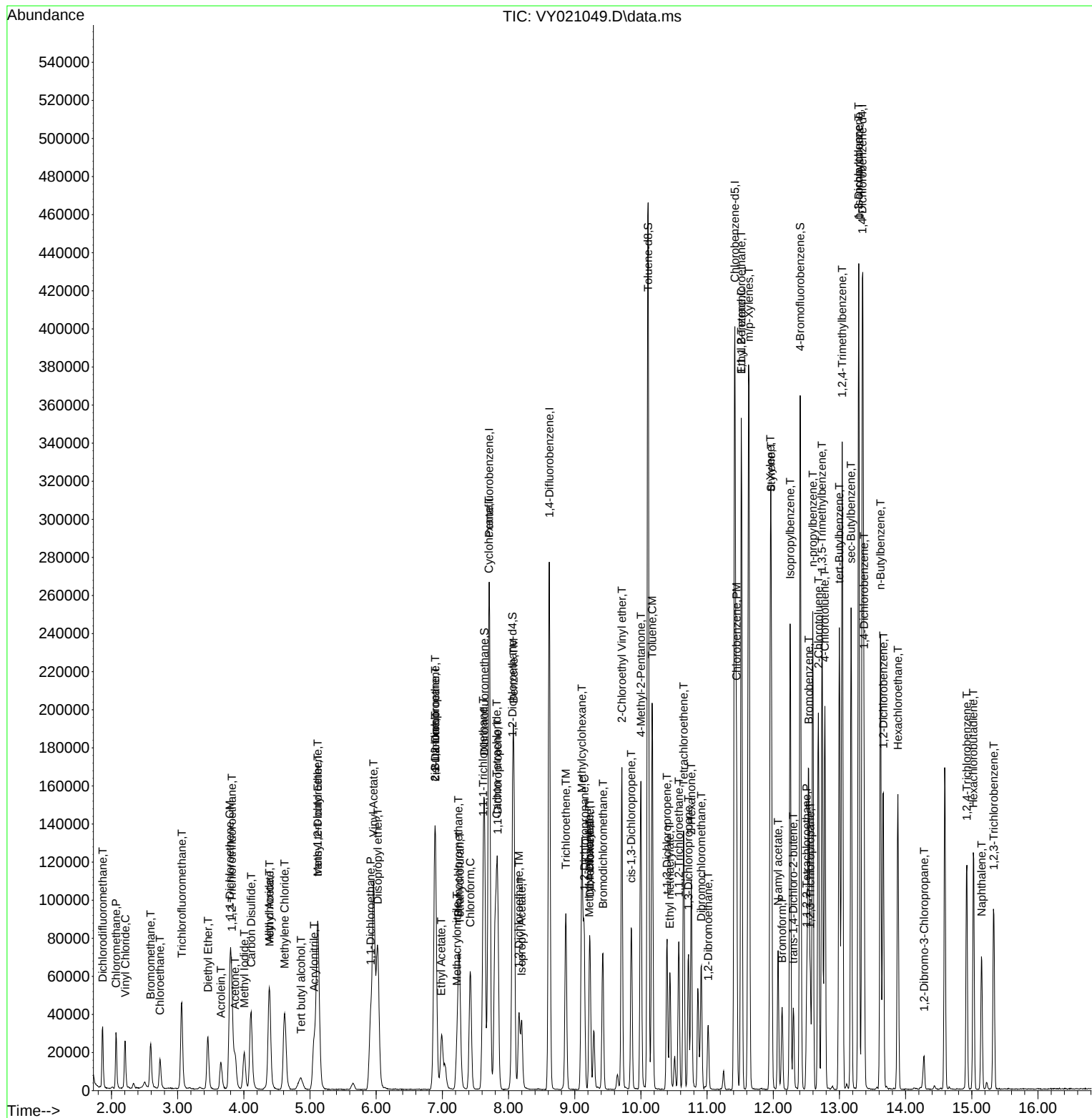
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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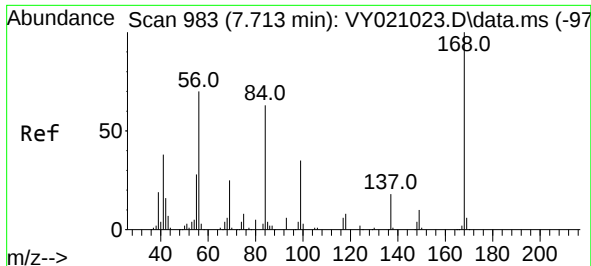
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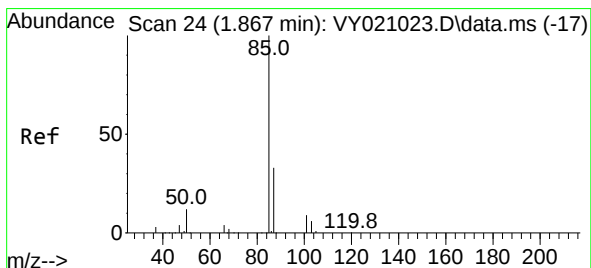
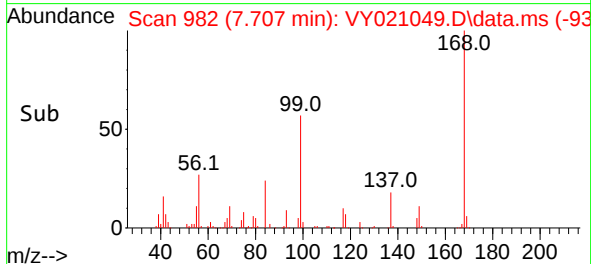
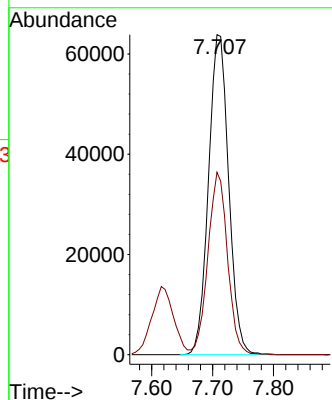
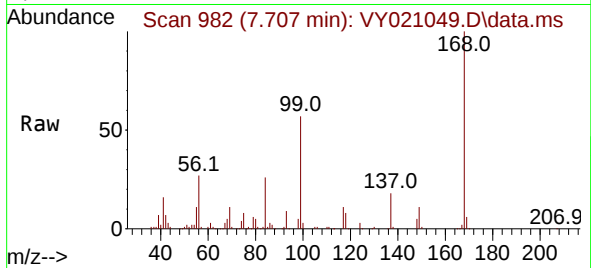




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021049.D
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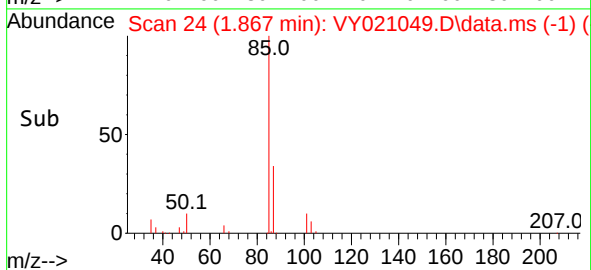
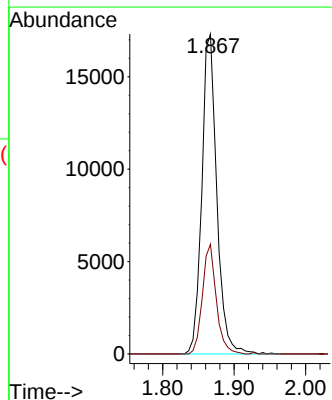
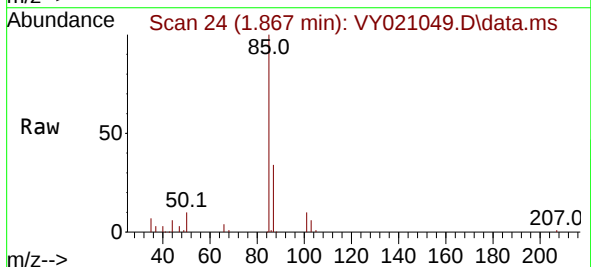
Instrument :
MSVOA_Y
ClientSampleId :

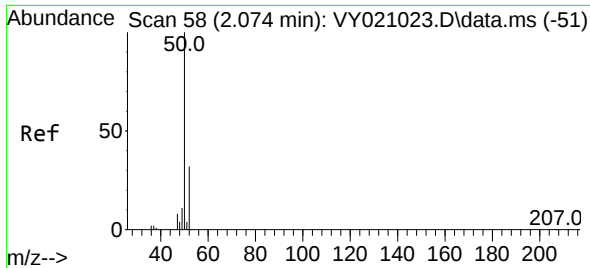
Tgt Ion:168 Resp: 146628
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.340 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 85 Resp: 25275
Ion Ratio Lower Upper
85 100
87 34.3 17.1 51.3

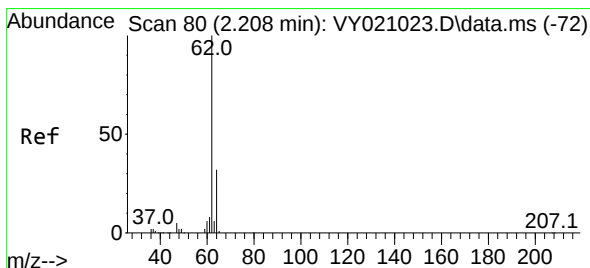
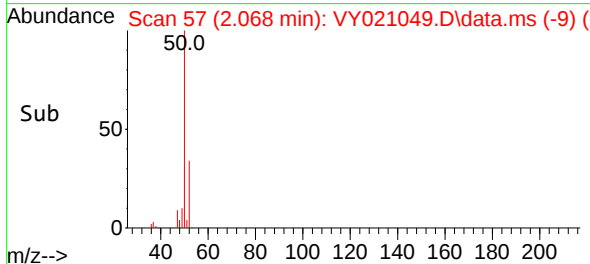
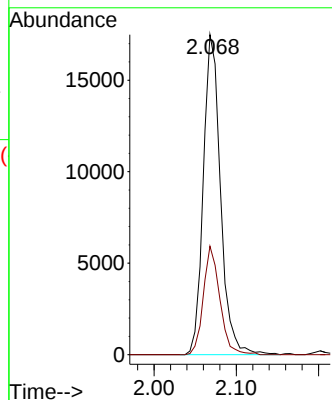
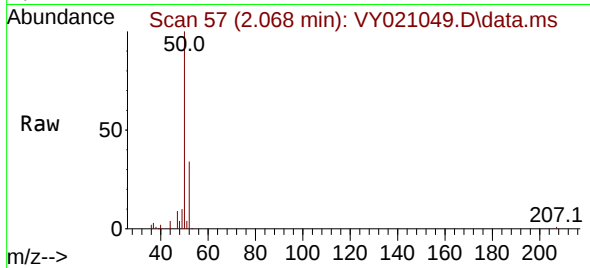




#3
Chloromethane
Concen: 19.726 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

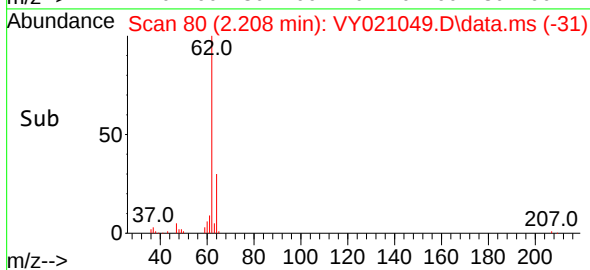
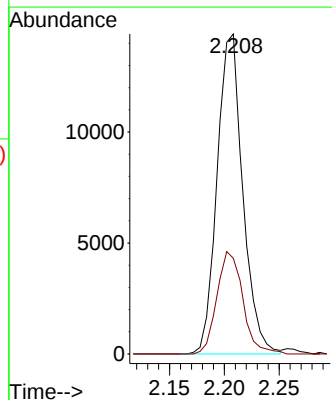
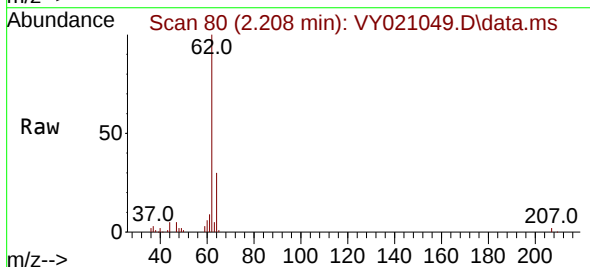
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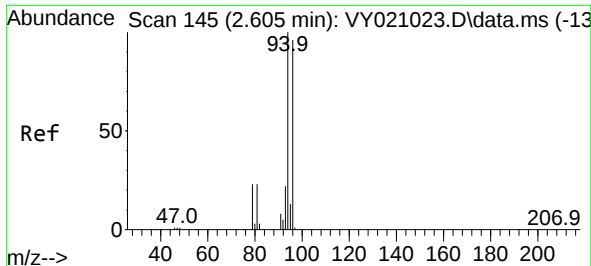
Tgt Ion: 50 Resp: 25438
Ion Ratio Lower Upper
50 100
52 33.9 26.7 40.1



#4
Vinyl Chloride
Concen: 18.096 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 62 Resp: 23489
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5

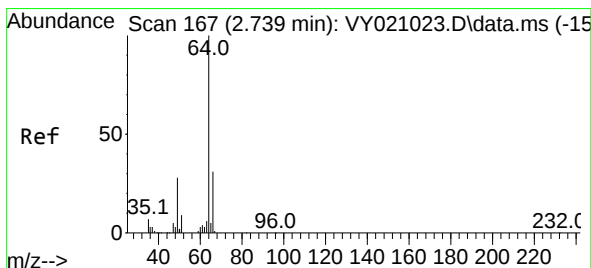
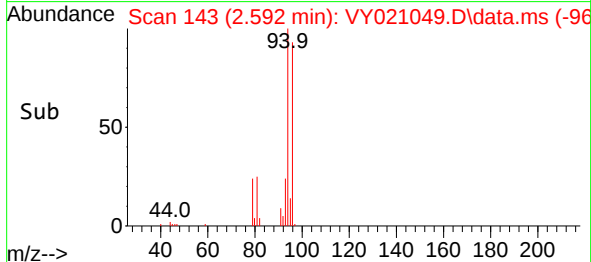
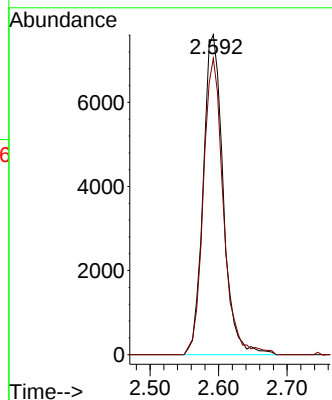
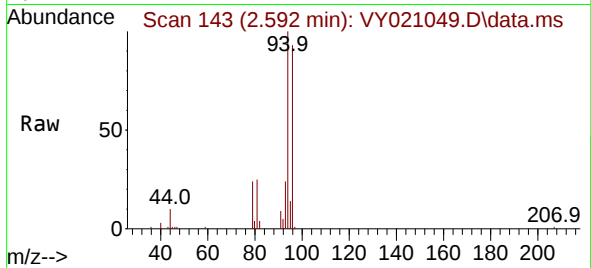




#5
Bromomethane
Concen: 19.240 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

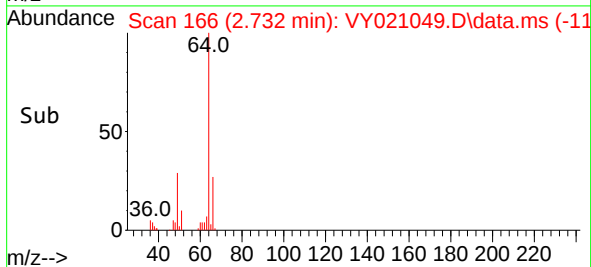
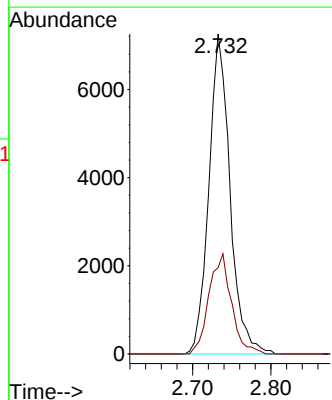
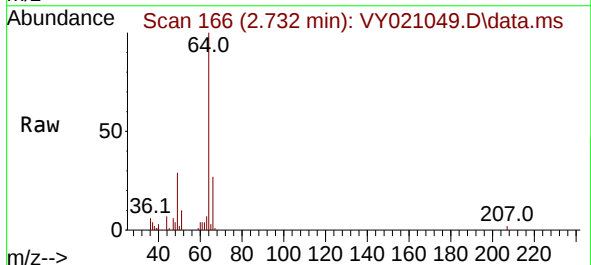
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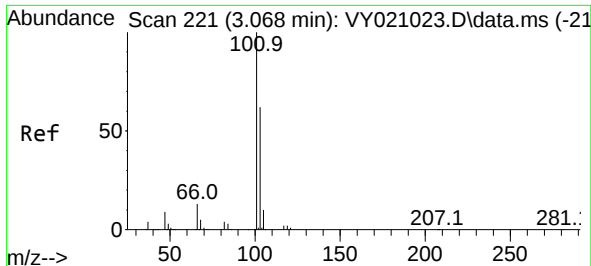
Tgt Ion: 94 Resp: 15435
Ion Ratio Lower Upper
94 100
96 92.6 77.3 115.9



#6
Chloroethane
Concen: 17.597 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

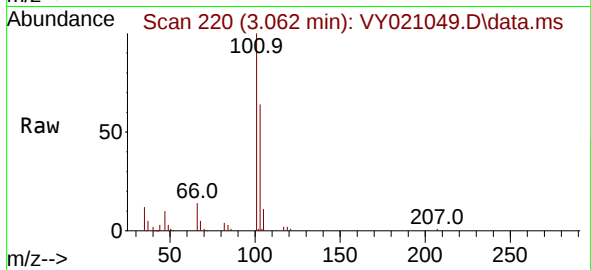
Tgt Ion: 64 Resp: 13597
Ion Ratio Lower Upper
64 100
66 27.0 25.1 37.7



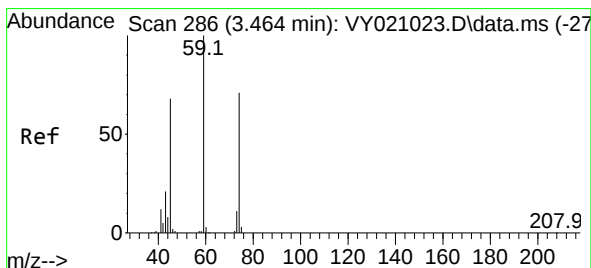
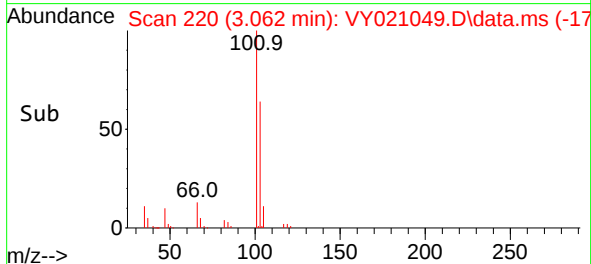
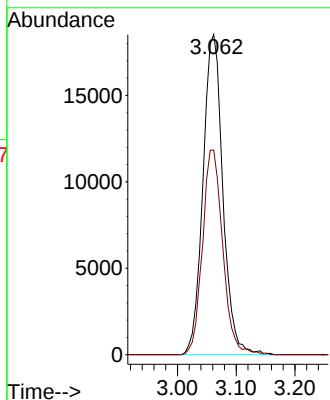


#7
Trichlorofluoromethane
Concen: 18.447 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Instrument :
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ClientSampleId :

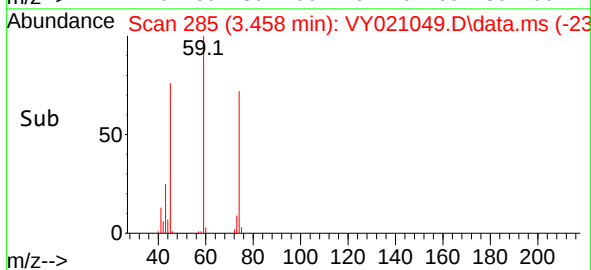
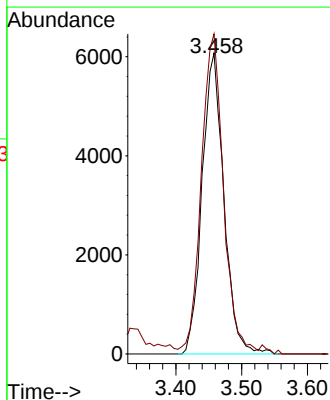
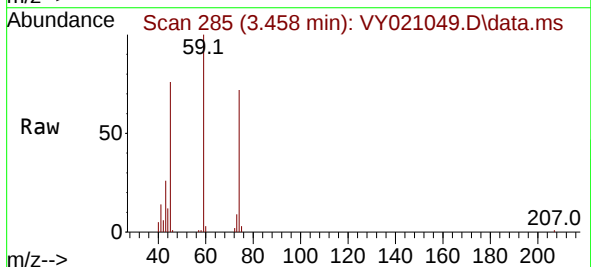


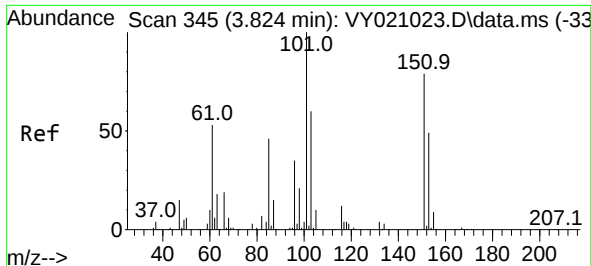
Tgt Ion:101 Resp: 43623
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9



#8
Diethyl Ether
Concen: 18.950 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021049.D
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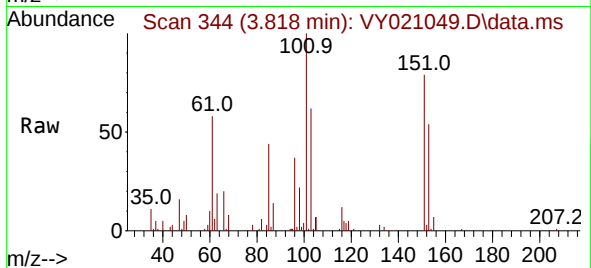
Tgt Ion: 74 Resp: 13989
Ion Ratio Lower Upper
74 100
45 105.7 47.9 143.7



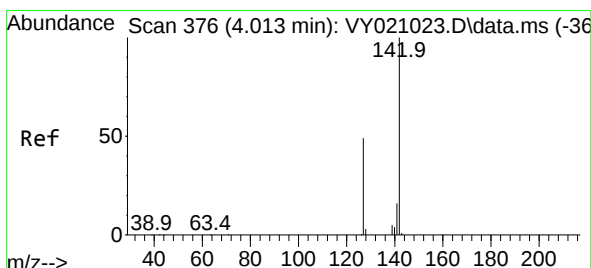
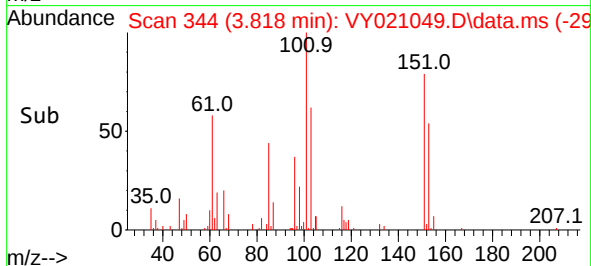
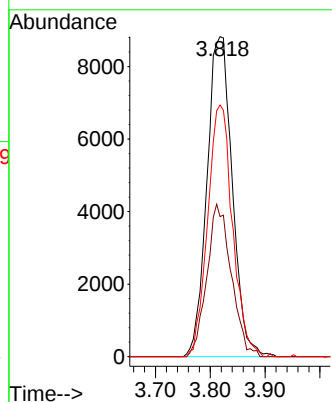


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.073 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

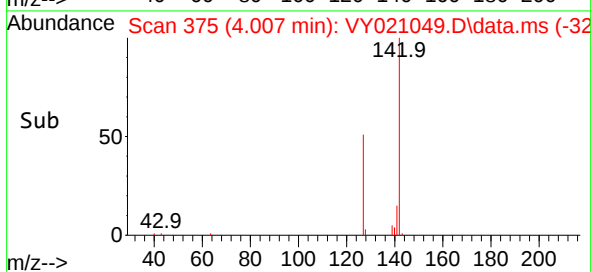
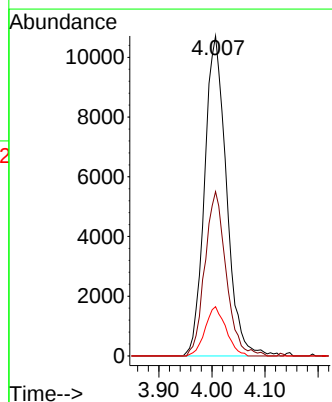
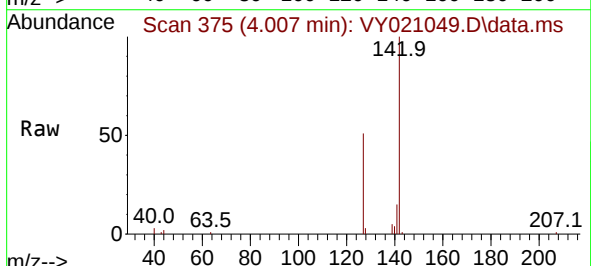


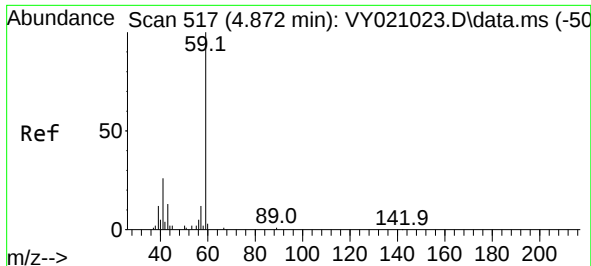
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.8	53.6
151	77.1	58.6	88.0



#10
Methyl Iodide
Concen: 18.654 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.9	35.1	52.7
141	14.7	11.8	17.6

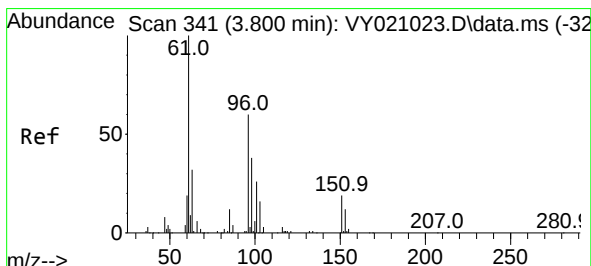
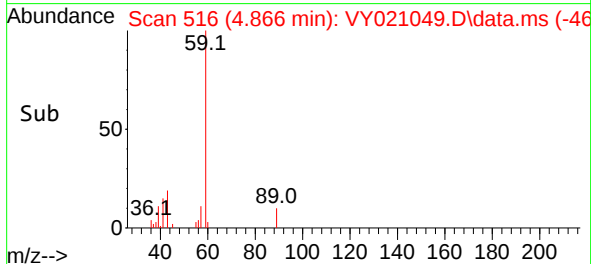
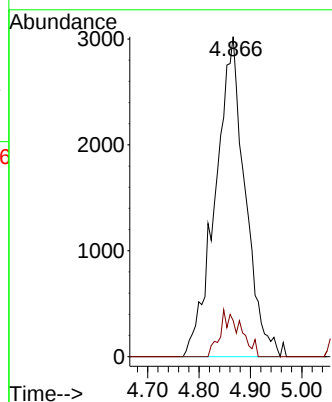
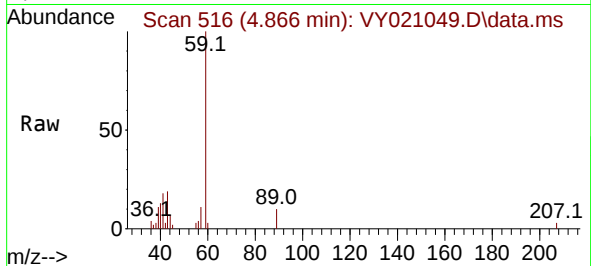




#11
Tert butyl alcohol
Concen: 119.070 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

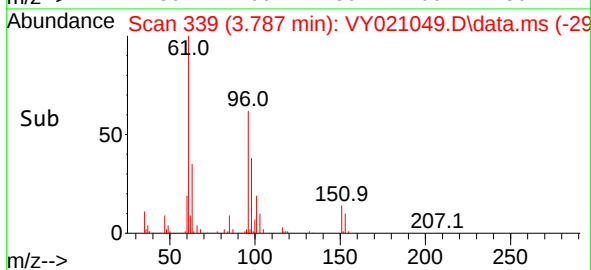
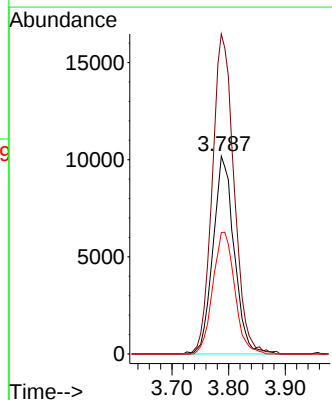
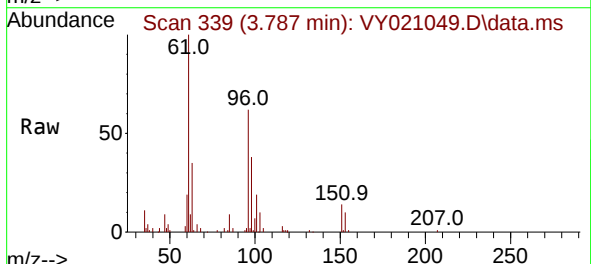
Instrument :
MSVOA_Y
ClientSampleId :

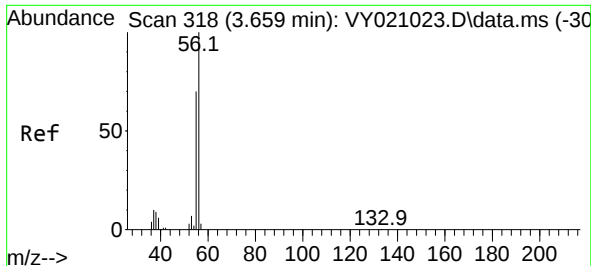
Tgt Ion: 59 Resp: 12122
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 18.855 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 96 Resp: 26361
Ion Ratio Lower Upper
96 100
61 161.8 124.2 186.2
98 61.4 52.6 79.0

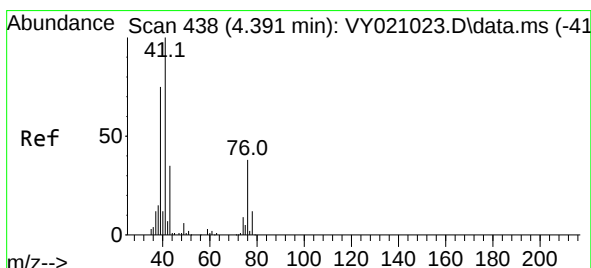
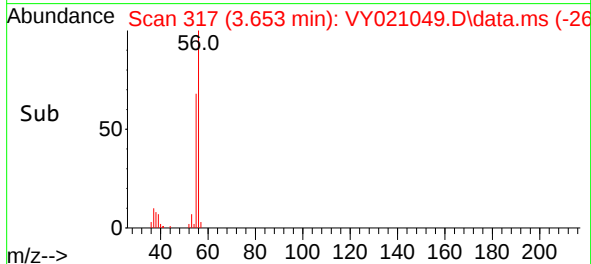
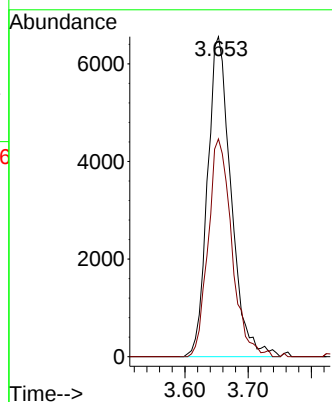
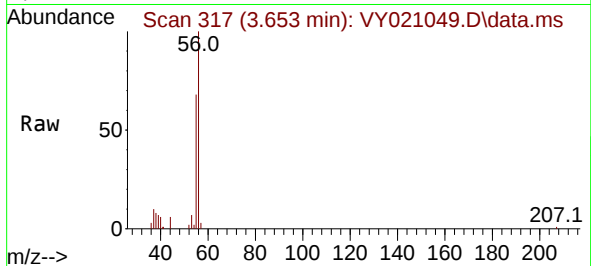




#13
Acrolein
Concen: 107.911 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

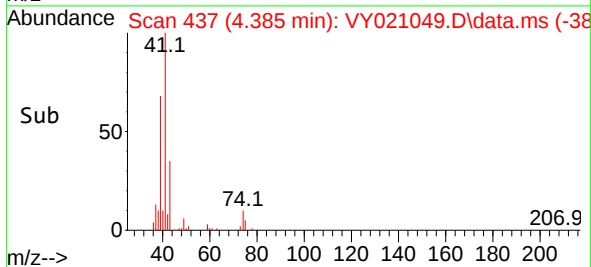
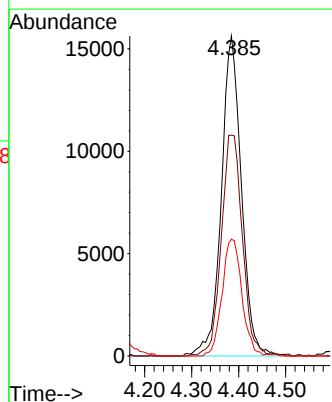
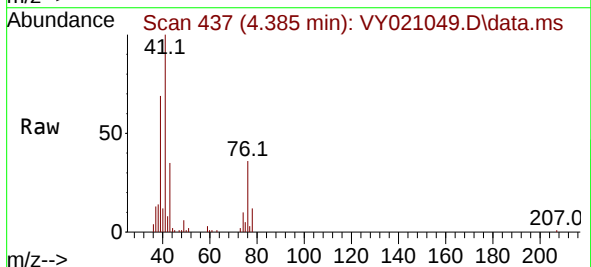
Instrument :
MSVOA_Y
ClientSampleId :

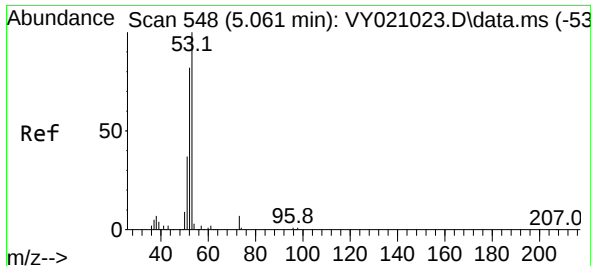
Tgt Ion: 56 Resp: 16917
Ion Ratio Lower Upper
56 100
55 68.4 55.4 83.0



#14
Allyl chloride
Concen: 19.689 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

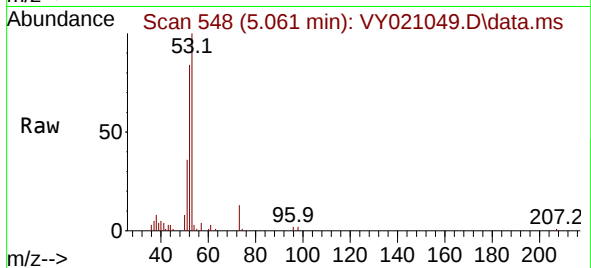
Tgt Ion: 41 Resp: 46391
Ion Ratio Lower Upper
41 100
39 72.3 54.7 82.1
76 36.1 31.8 47.6



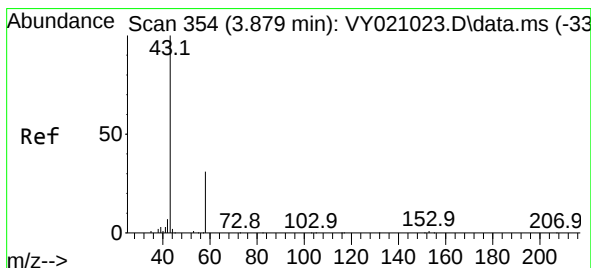
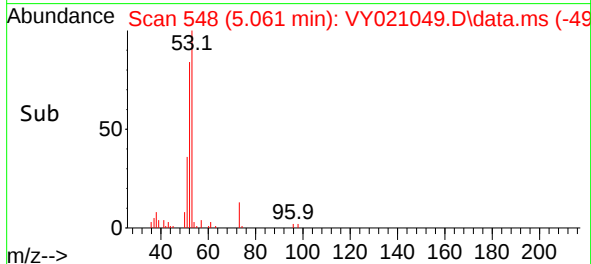
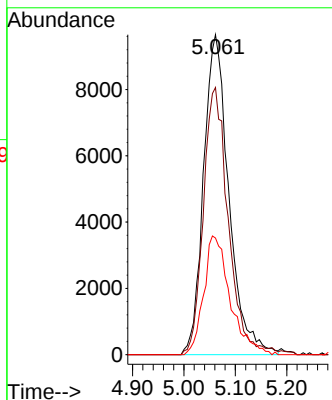


#15
Acrylonitrile
Concen: 107.385 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

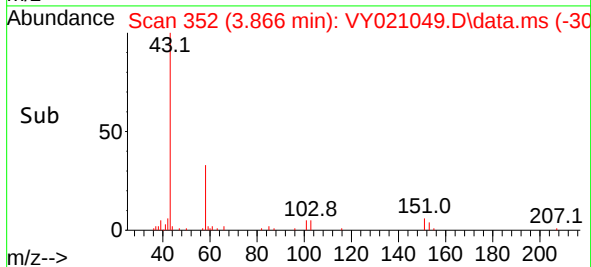
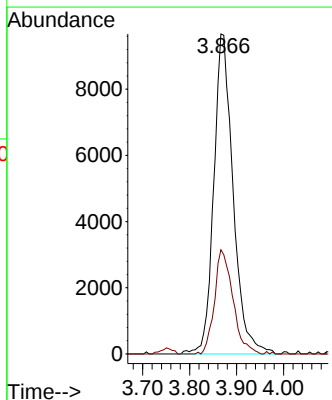
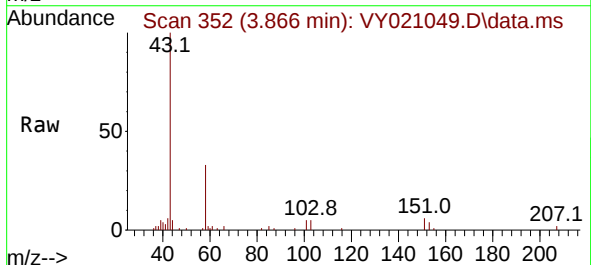


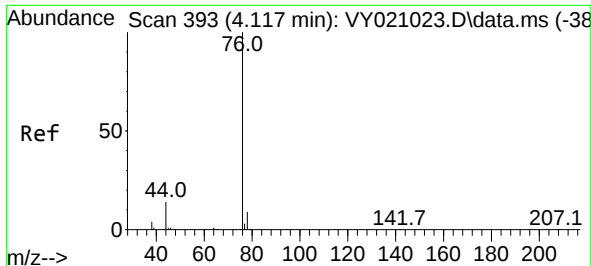
Tgt Ion: 53 Resp: 33011
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 38.8 29.0 43.4



#16
Acetone
Concen: 118.028 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 43 Resp: 27652
Ion Ratio Lower Upper
43 100
58 32.5 26.6 39.8

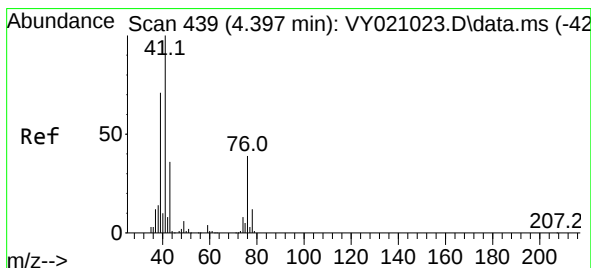
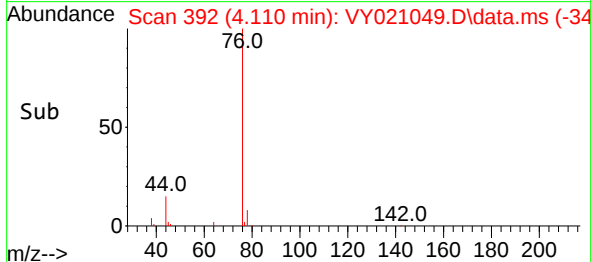
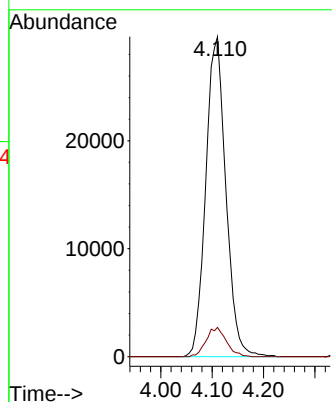
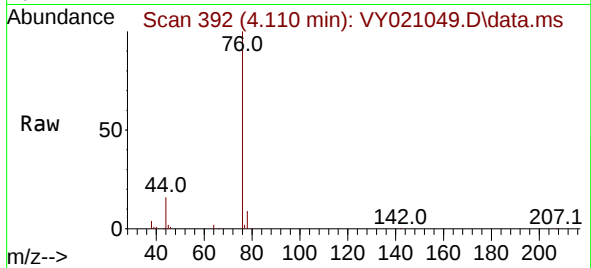




#17
Carbon Disulfide
Concen: 18.311 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

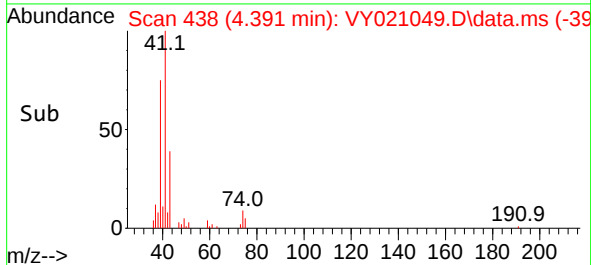
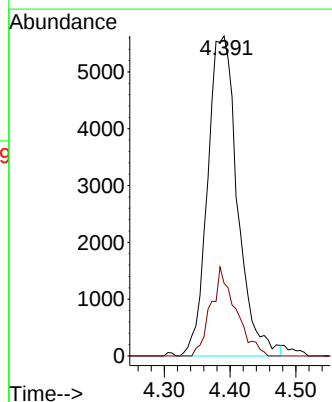
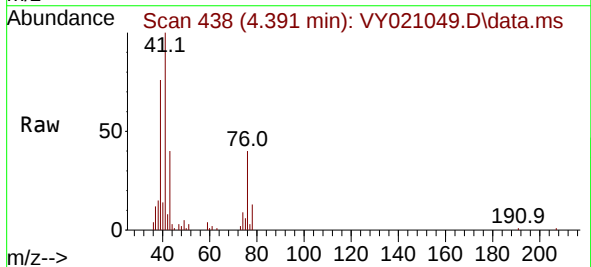
Instrument :
MSVOA_Y
ClientSampleId :

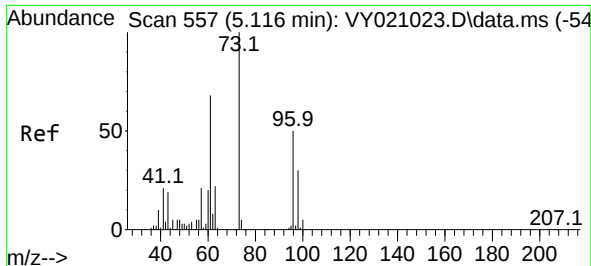
Tgt Ion: 76 Resp: 80275
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 21.676 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 43 Resp: 17827
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.6

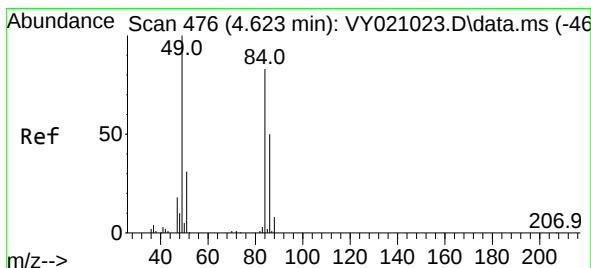
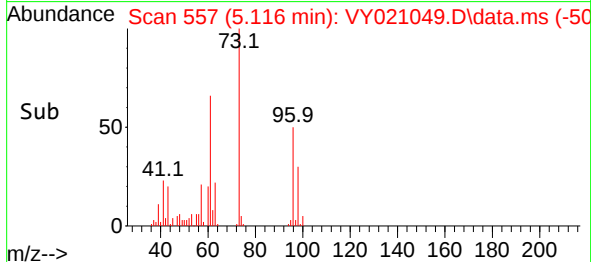
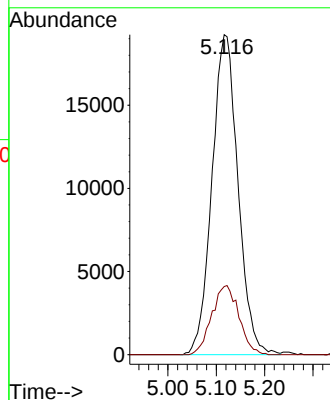
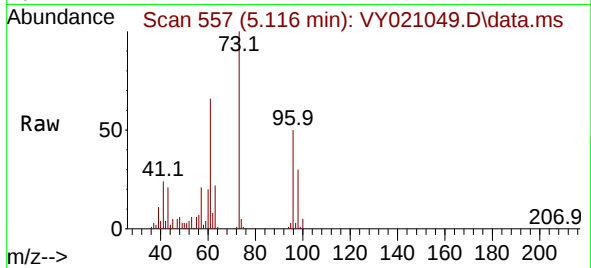




#19
Methyl tert-butyl Ether
Concen: 20.375 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

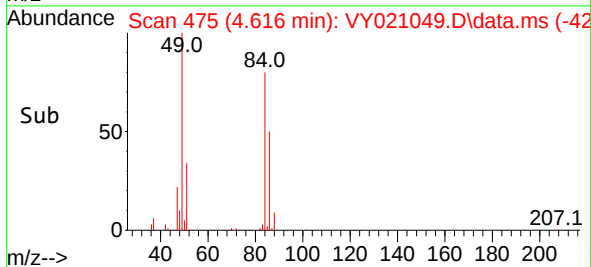
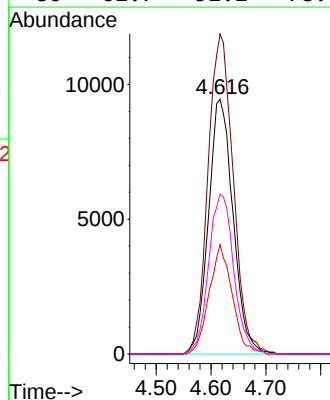
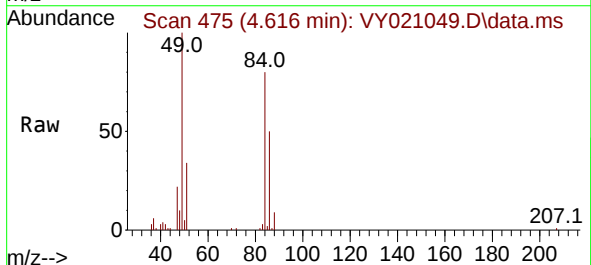
Instrument :
MSVOA_Y
ClientSampleId :

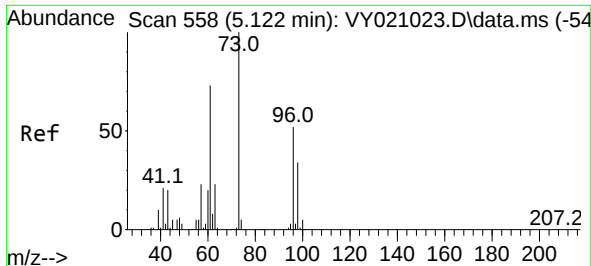
Tgt Ion: 73 Resp: 71999
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 20.166 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 84 Resp: 29370
Ion Ratio Lower Upper
84 100
49 125.7 95.2 142.8
51 42.9 29.9 44.9
86 62.7 52.2 78.4

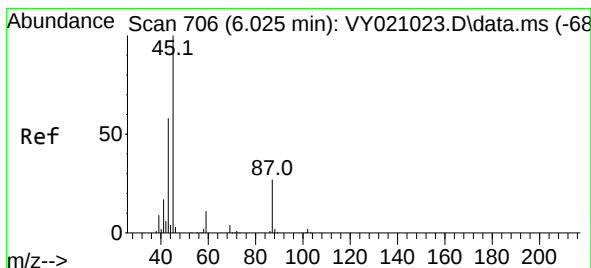
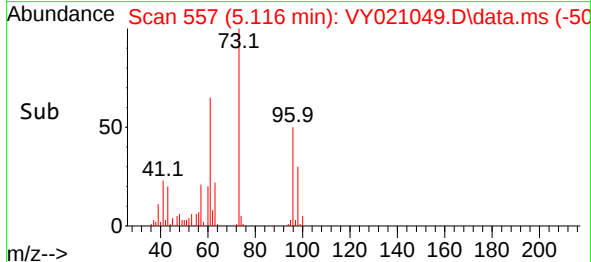
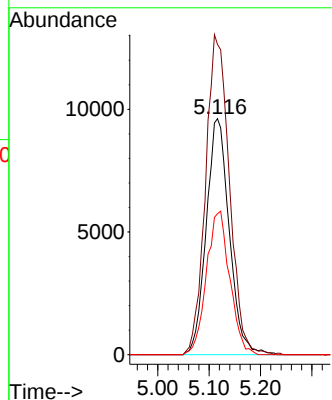
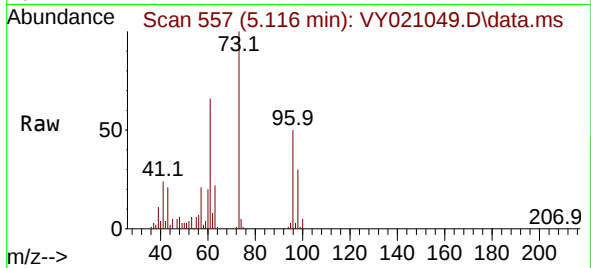




#21
trans-1,2-Dichloroethene
Concen: 19.489 ug/l
RT: 5.116 min Scan# 5116
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

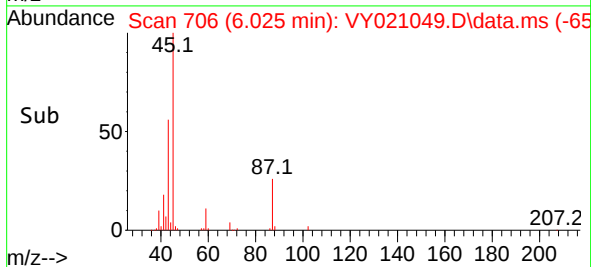
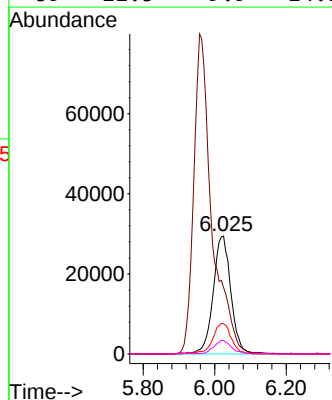
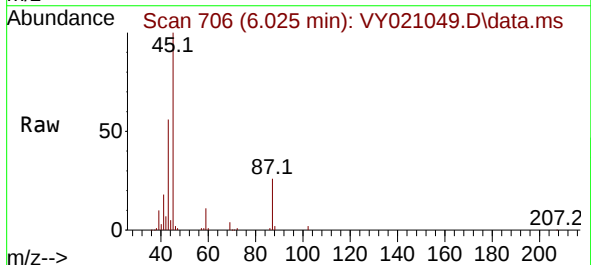
Instrument :
MSVOA_Y
ClientSampleId :

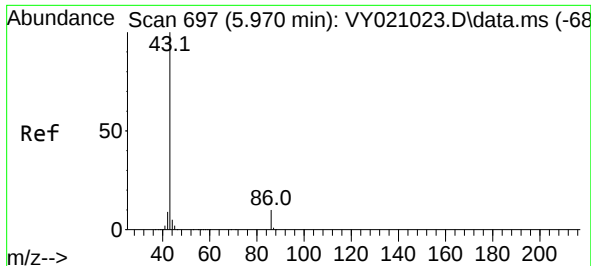
Tgt Ion: 96 Resp: 29992
Ion Ratio Lower Upper
96 100
61 131.4 104.6 156.8
98 59.7 50.9 76.3



#22
Diisopropyl ether
Concen: 20.753 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 45 Resp: 100790
Ion Ratio Lower Upper
45 100
43 56.0 46.8 70.2
87 25.6 22.2 33.2
59 11.5 9.9 14.9

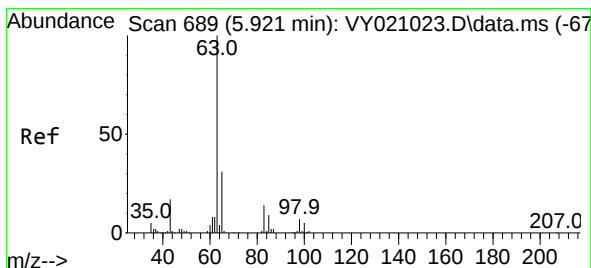
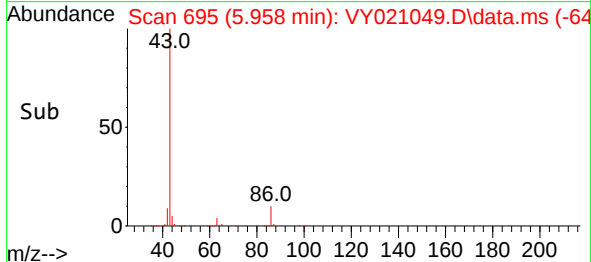
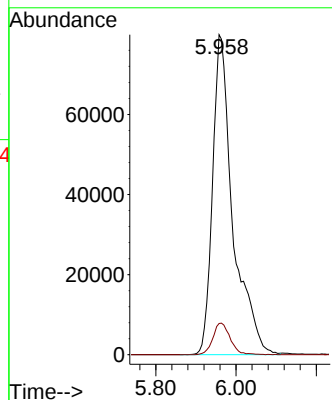
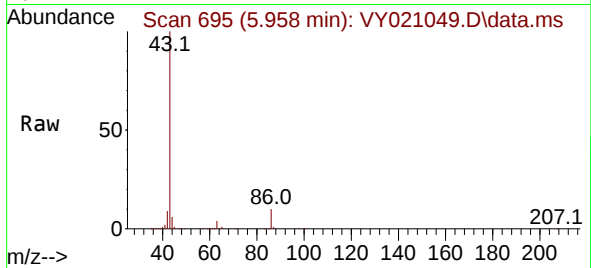




#23
 Vinyl Acetate
 Concen: 103.873 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

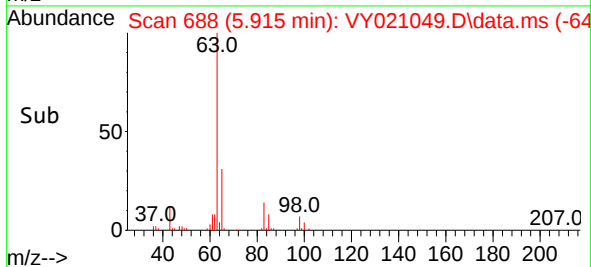
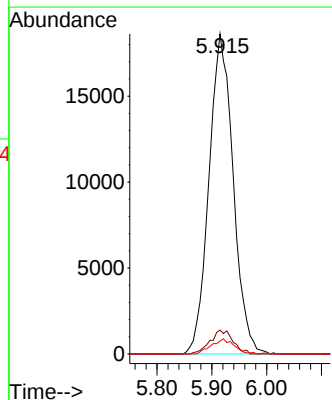
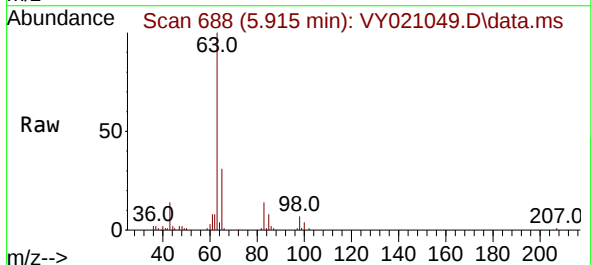
Instrument :
 MSVOA_Y
 ClientSampleId :

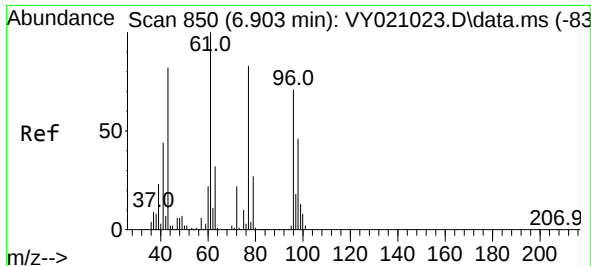
Tgt Ion: 43 Resp: 281228
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.079 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

Tgt Ion: 63 Resp: 57133
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 109.543 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

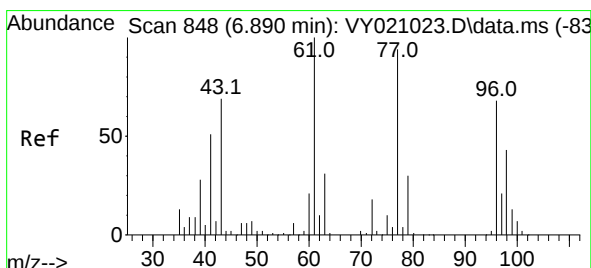
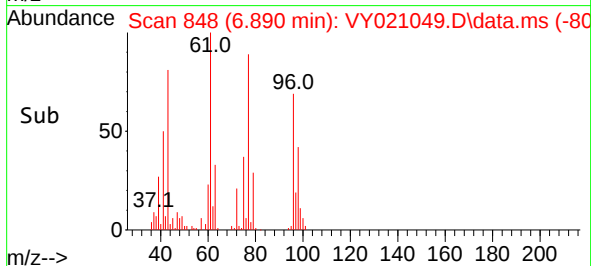
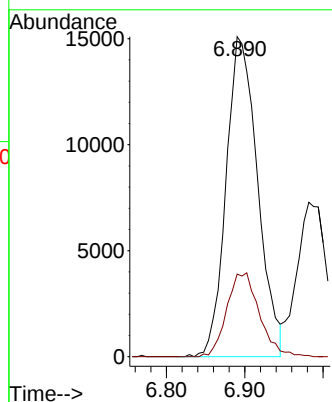
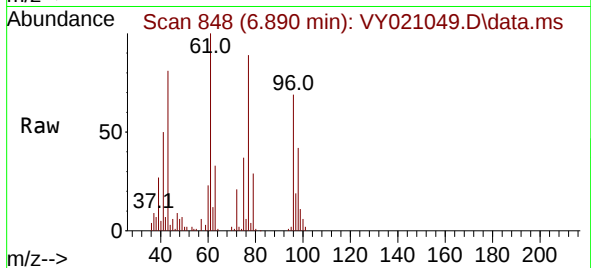
ClientSampleId :

Tgt Ion: 43 Resp: 42173

Ion Ratio Lower Upper

43 100

72 25.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.978 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021049.D

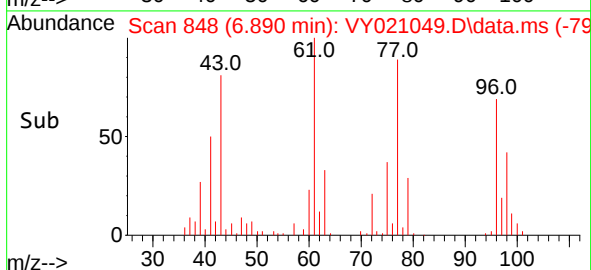
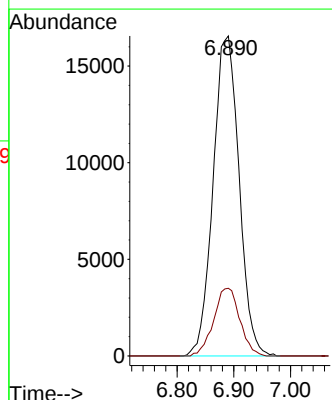
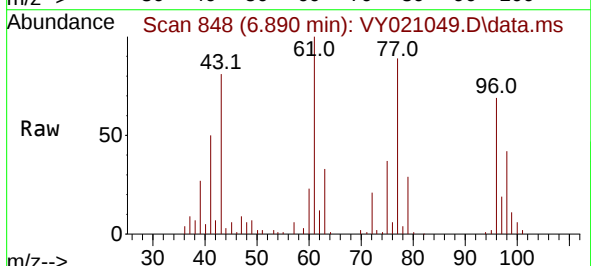
Acq: 04 Feb 2025 11:15

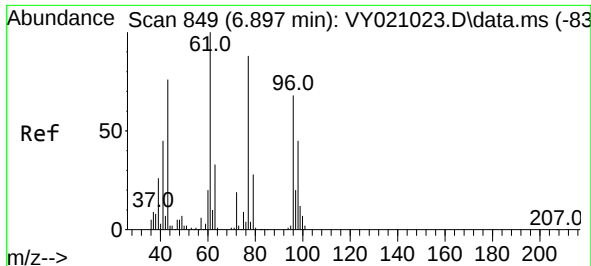
Tgt Ion: 77 Resp: 52601

Ion Ratio Lower Upper

77 100

97 21.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.955 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

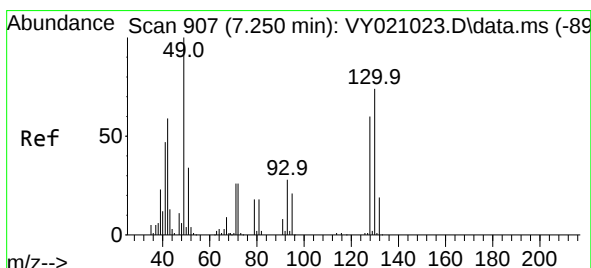
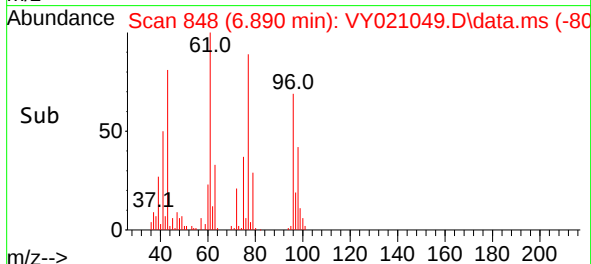
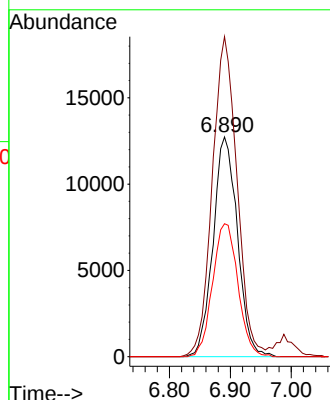
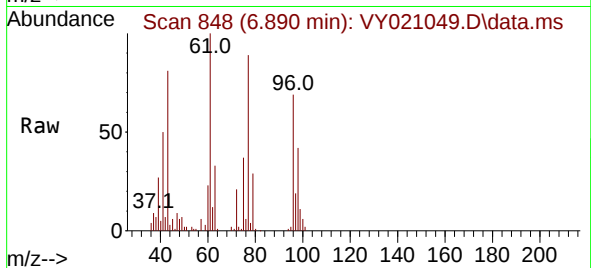
Tgt Ion: 96 Resp: 35347

Ion Ratio Lower Upper

96 100

61 147.4 0.0 278.8

98 63.0 0.0 127.0



#28

Bromochloromethane

Concen: 23.354 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

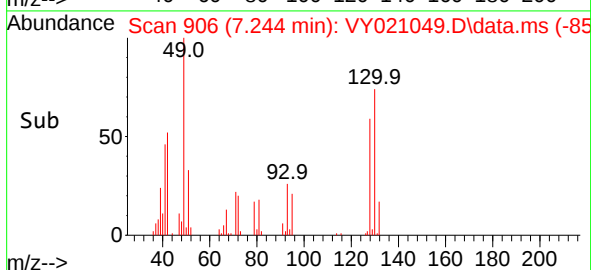
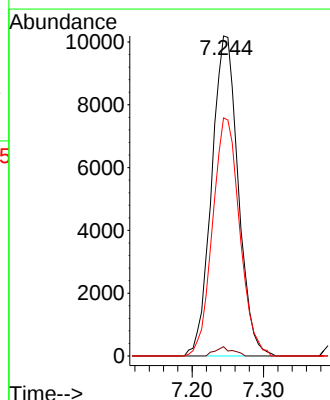
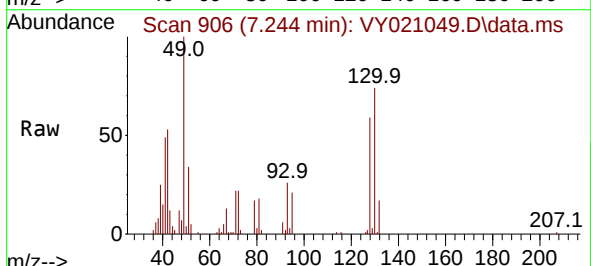
Tgt Ion: 49 Resp: 26277

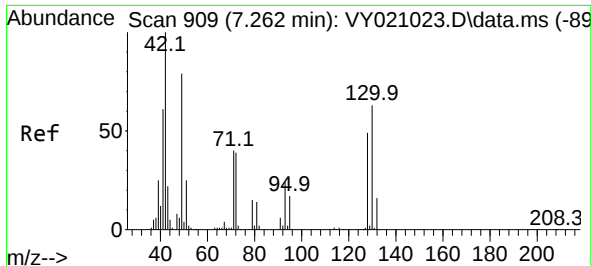
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 109.600 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021049.D

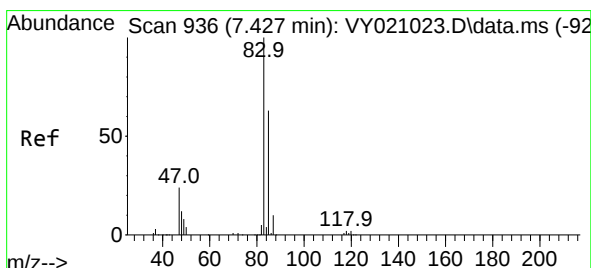
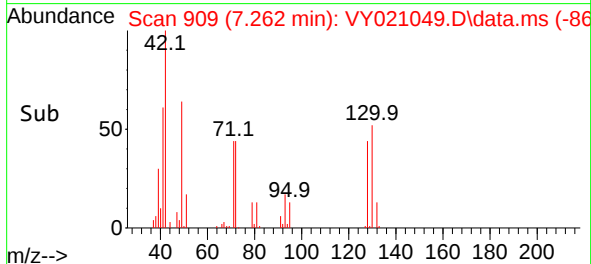
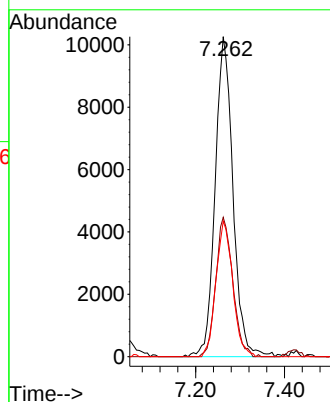
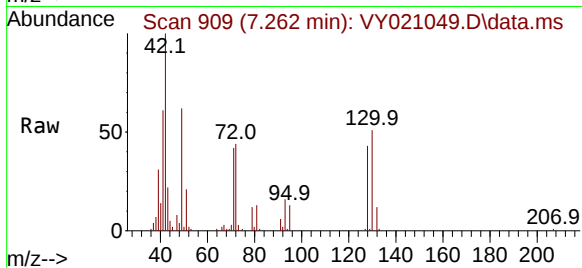
Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	28552
Ion	Ratio	Lower	Upper
42	100		
72	41.4	36.6	54.8
71	39.7	33.8	50.6



#30

Chloroform

Concen: 20.061 ug/l

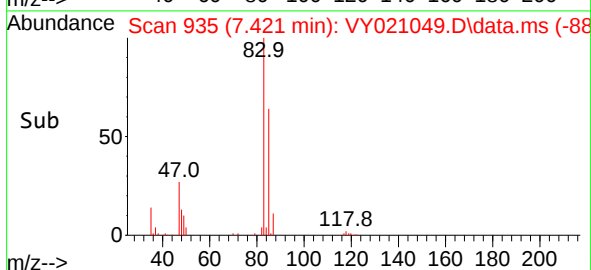
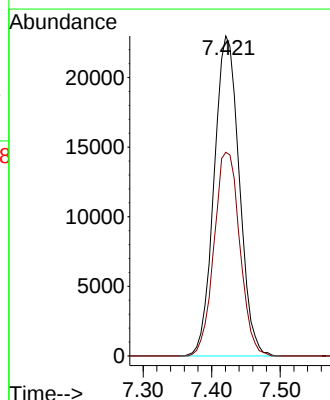
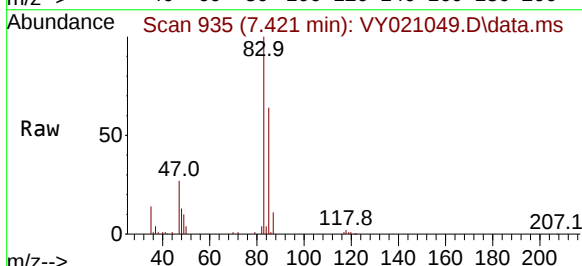
RT: 7.421 min Scan# 935

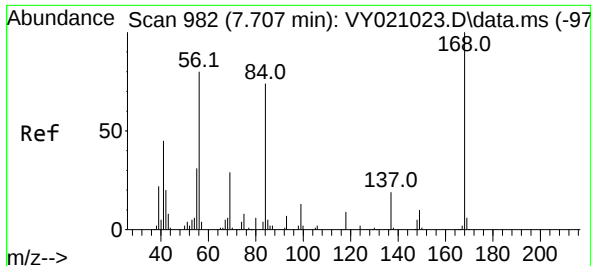
Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

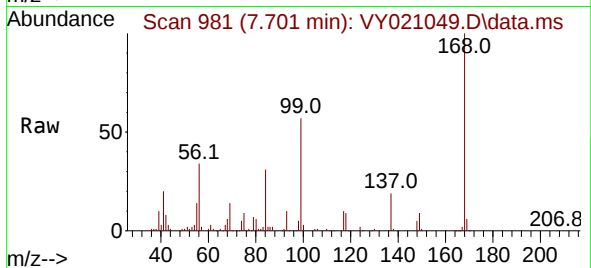
Tgt Ion:	83	Resp:	58632
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.2	76.8



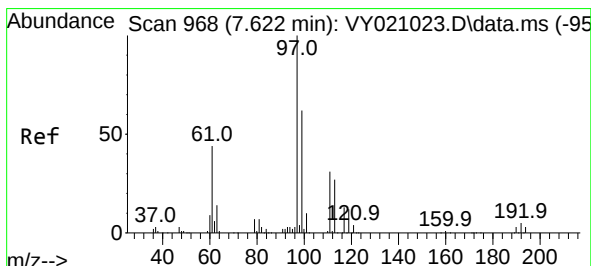
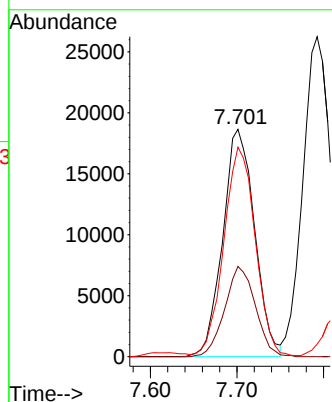
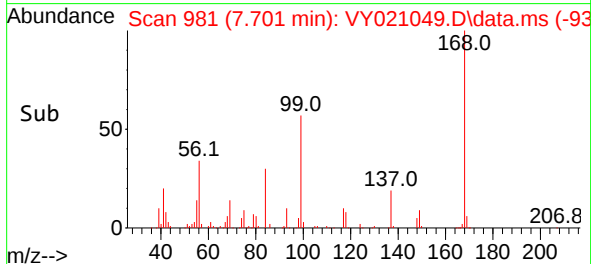


#31
Cyclohexane
Concen: 18.589 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

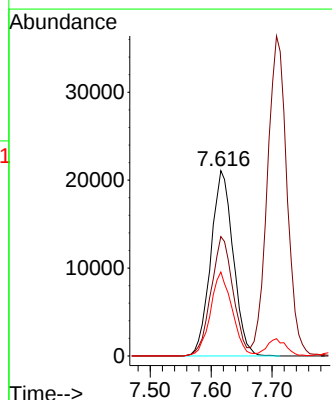
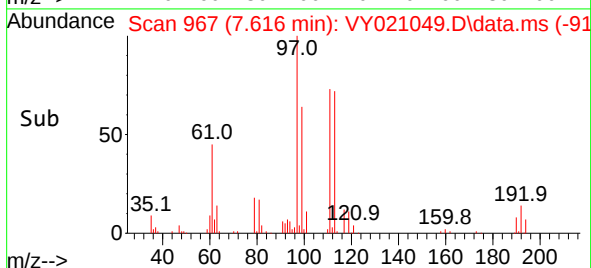
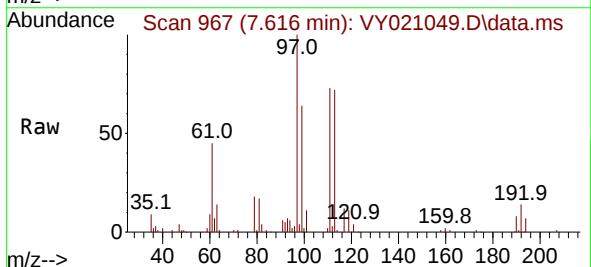


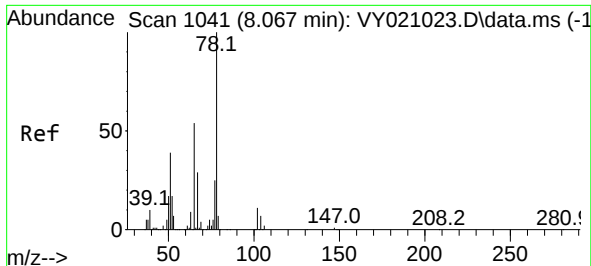
Tgt Ion: 56 Resp: 47633
Ion Ratio Lower Upper
56 100
69 39.7 27.0 40.6
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.853 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 97 Resp: 53948
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.234 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

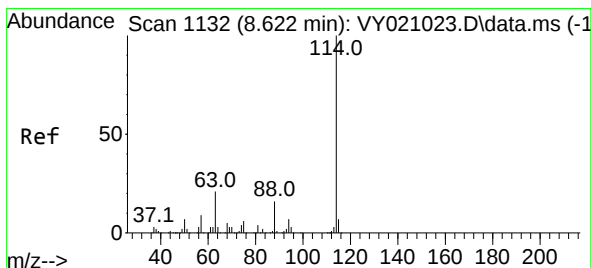
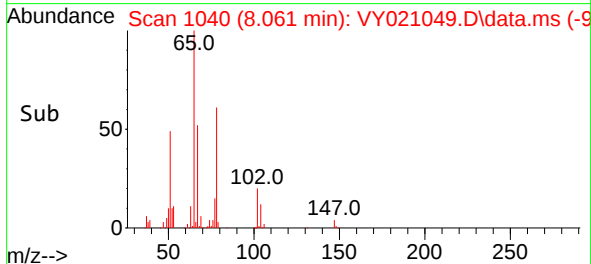
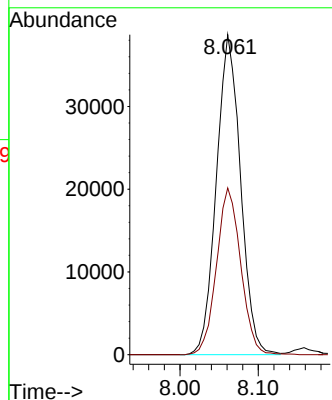
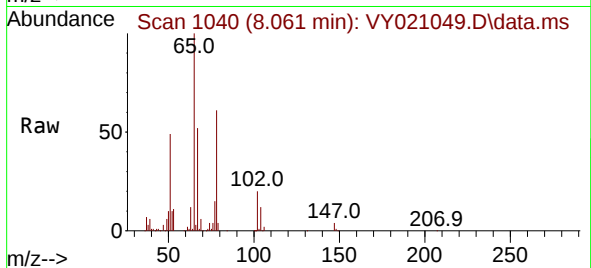
ClientSampleId :

Tgt Ion: 65 Resp: 82979

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

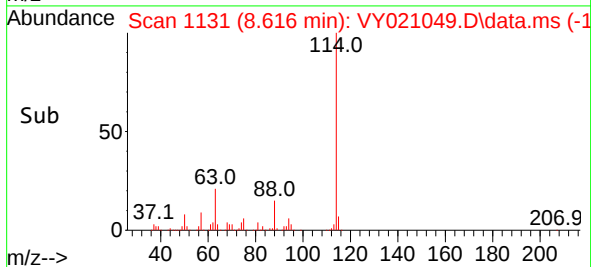
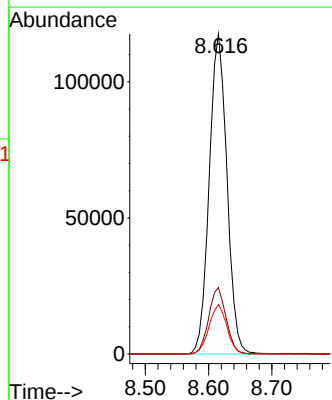
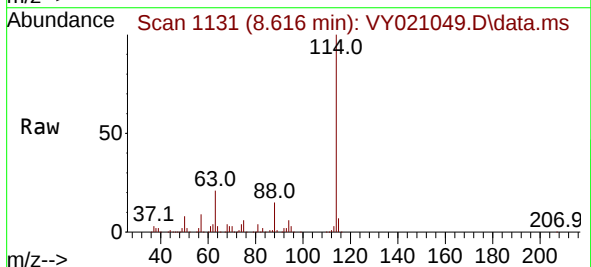
Tgt Ion: 114 Resp: 228862

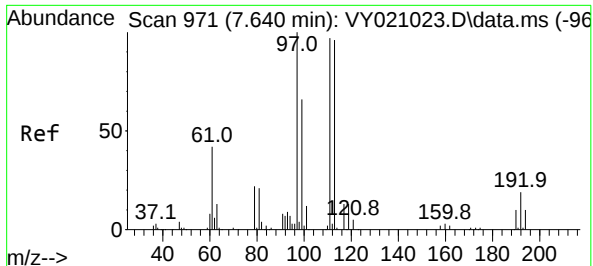
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

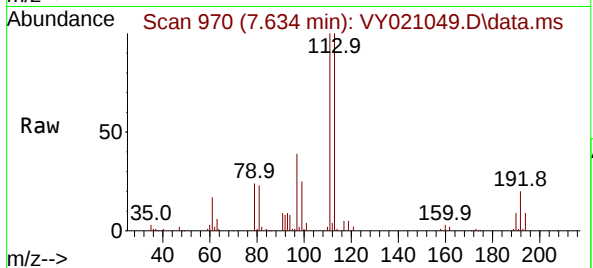
88 15.4 0.0 29.0



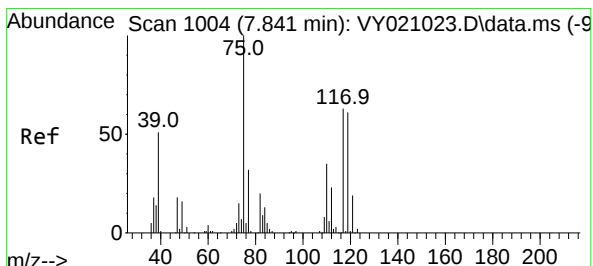
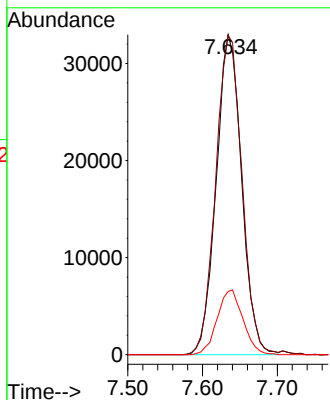
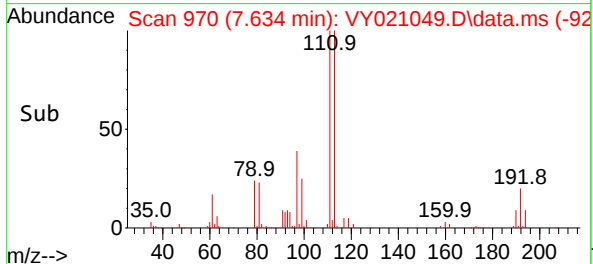


#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

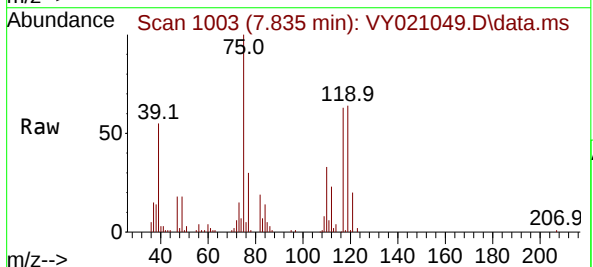
Instrument :
MSVOA_Y
ClientSampleId :



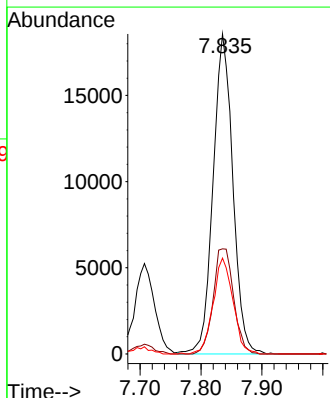
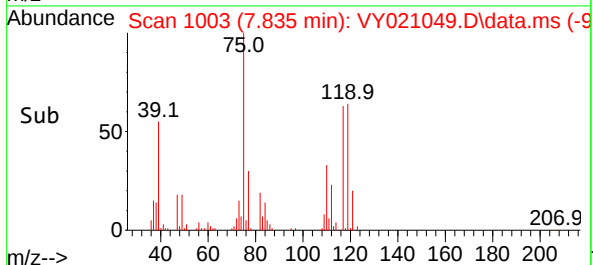
Tgt Ion:113 Resp: 78118
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 20.5 14.5 21.7

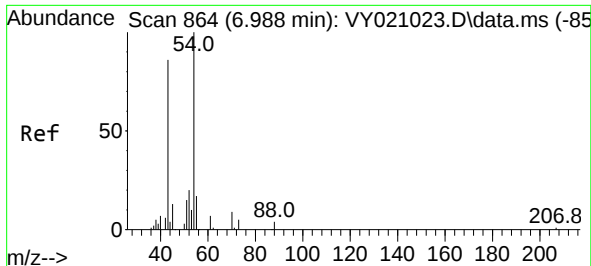


#36
1,1-Dichloropropene
Concen: 19.228 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15



Tgt Ion: 75 Resp: 41772
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.3
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.440 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

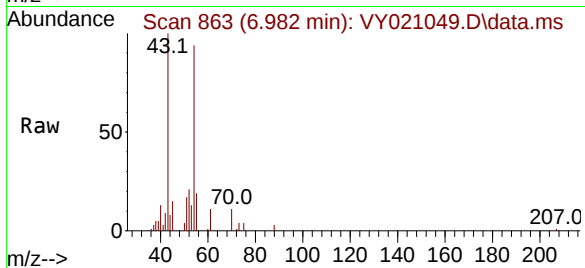
Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :



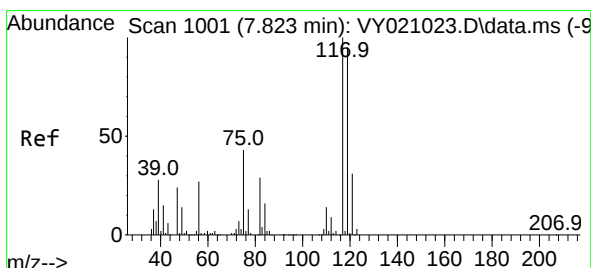
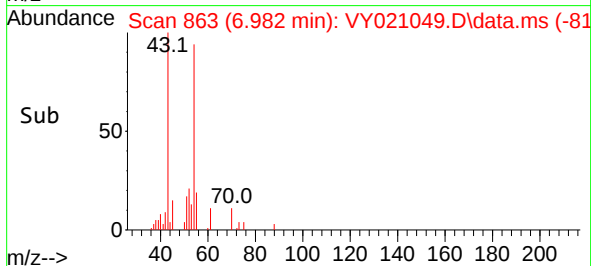
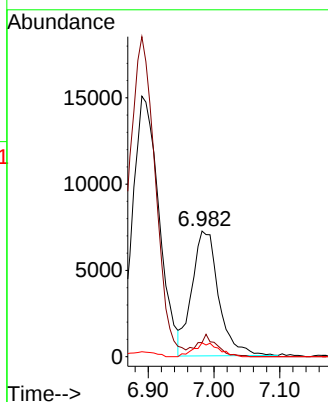
Tgt Ion: 43 Resp: 20433

Ion Ratio Lower Upper

43 100

61 13.2 11.0 16.6

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.342 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

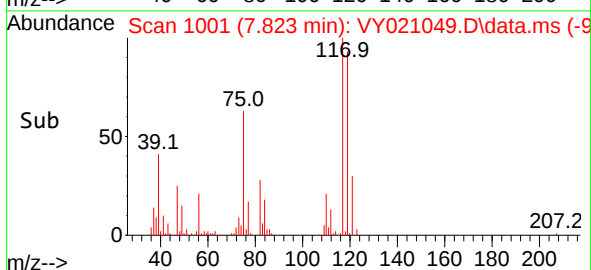
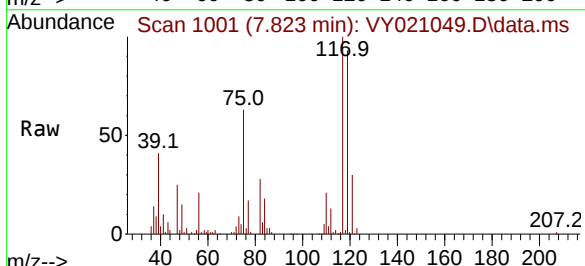
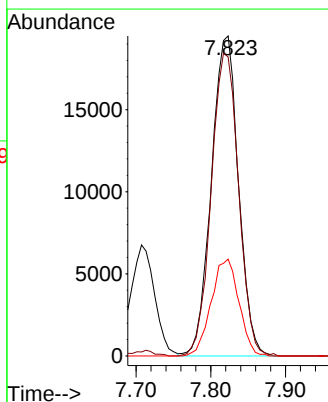
Tgt Ion: 117 Resp: 49097

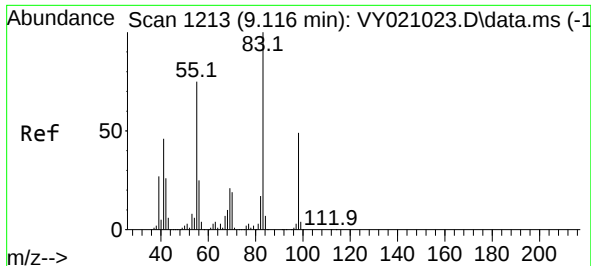
Ion Ratio Lower Upper

117 100

119 93.5 76.0 114.0

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 18.508 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

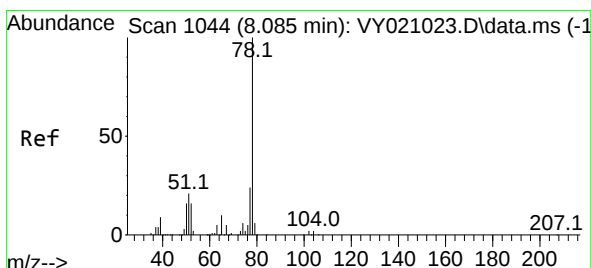
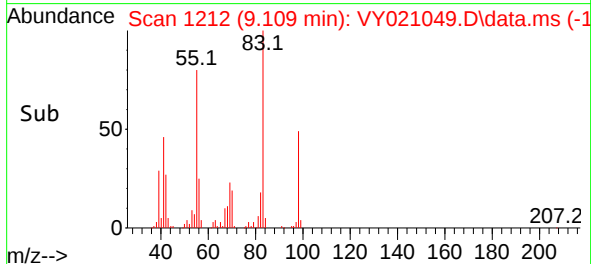
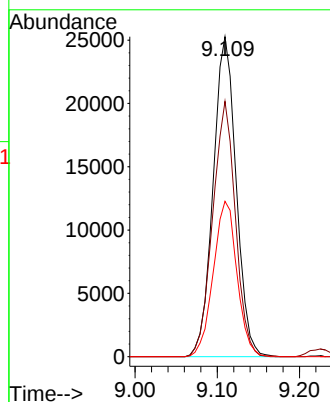
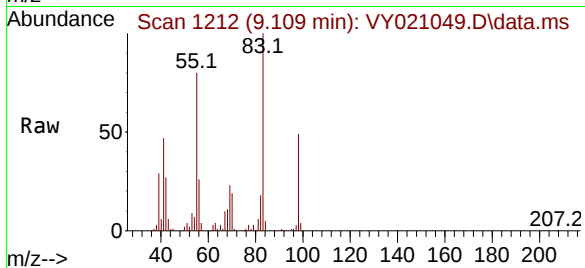
Tgt Ion: 83 Resp: 49181

Ion Ratio Lower Upper

83 100

55 79.8 59.7 89.5

98 48.6 38.0 57.0



#40

Benzene

Concen: 20.011 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021049.D

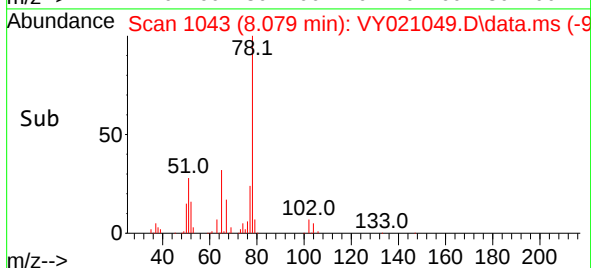
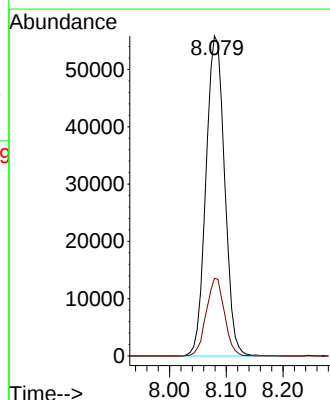
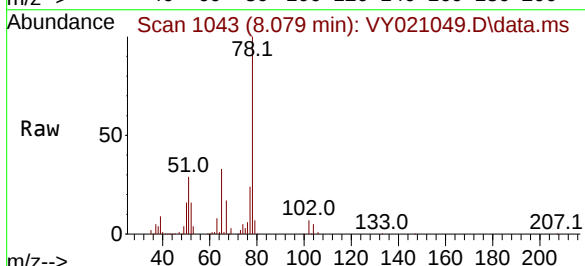
Acq: 04 Feb 2025 11:15

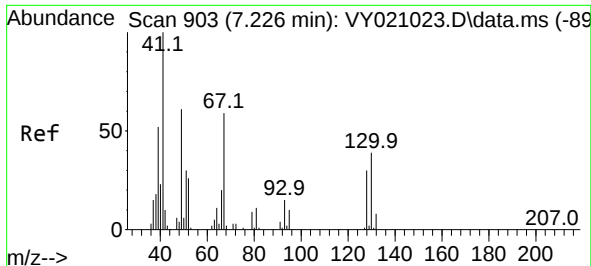
Tgt Ion: 78 Resp: 127577

Ion Ratio Lower Upper

78 100

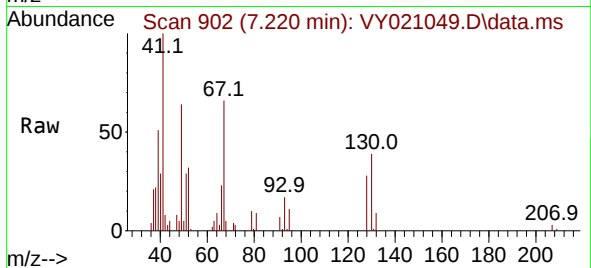
77 24.3 18.8 28.2



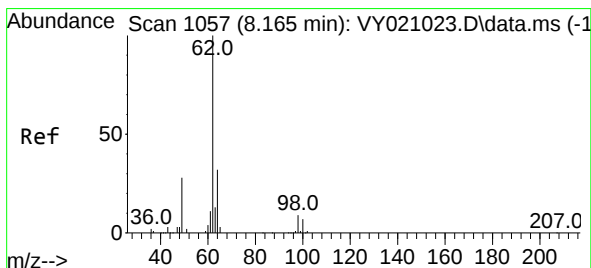
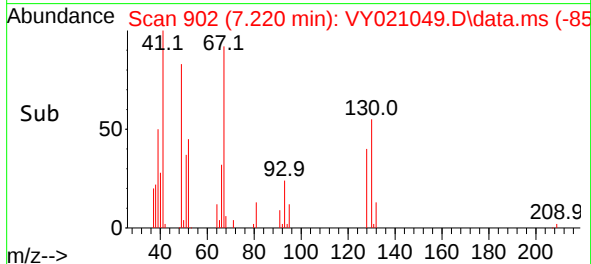
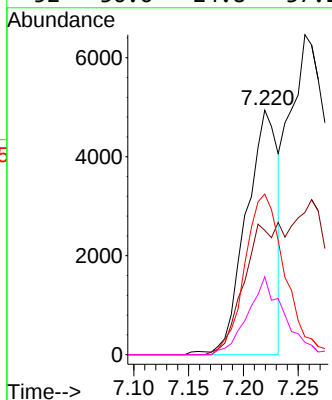


#41
Methacrylonitrile
Concen: 18.050 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

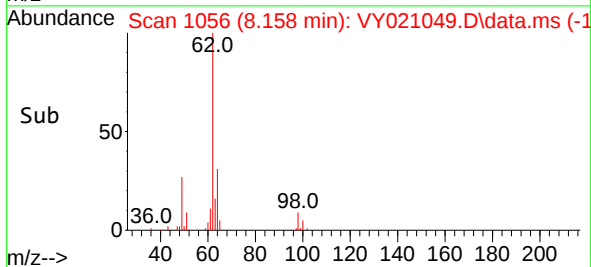
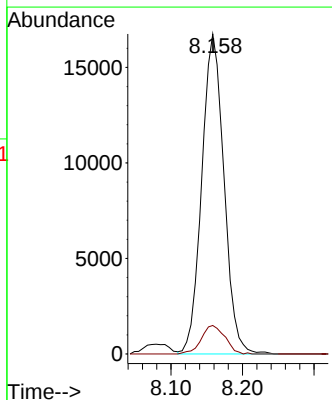
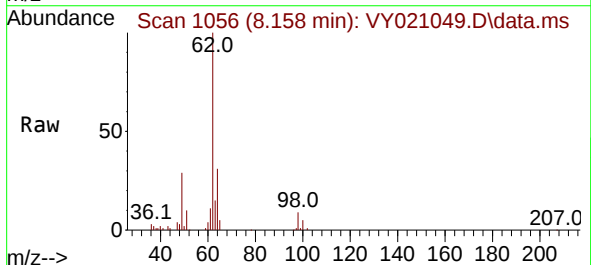


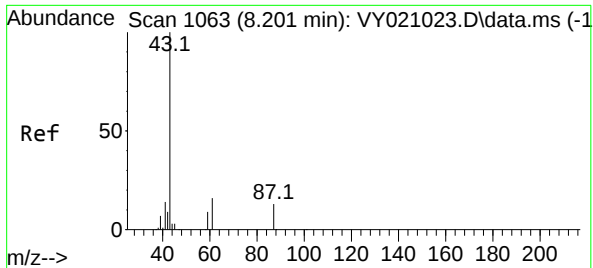
Tgt Ion:	41	Resp:	9952
Ion	Ratio	Lower	Upper
41	100		
39	48.4	41.9	62.9
67	83.2	59.8	89.6
52	36.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.435 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion:	62	Resp:	36140
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

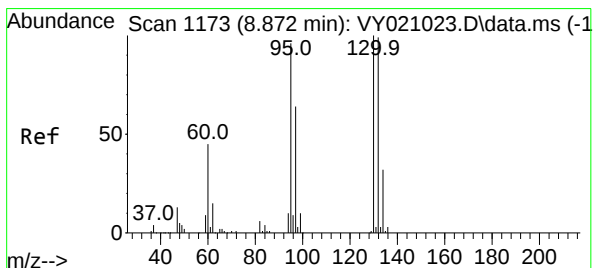
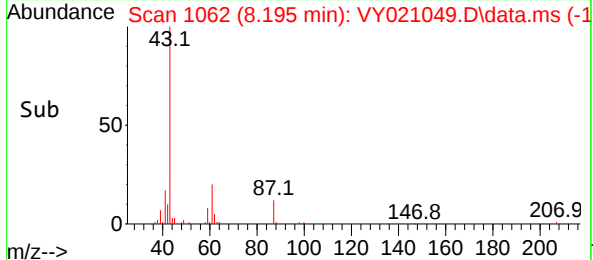
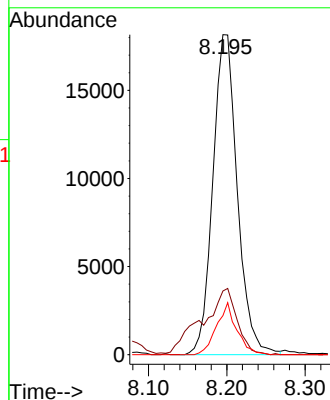
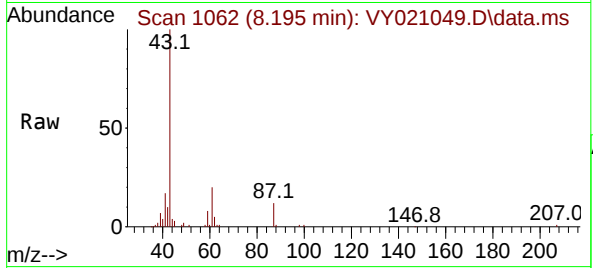




#43
Isopropyl Acetate
Concen: 20.867 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

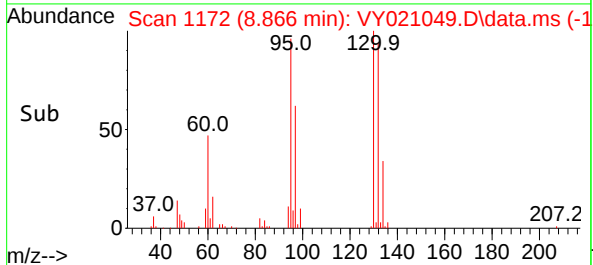
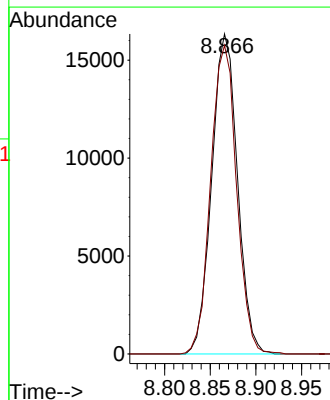
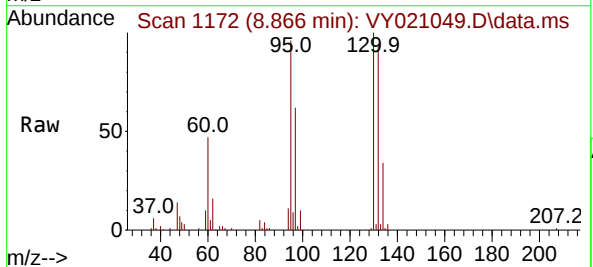
Instrument :
MSVOA_Y
ClientSampleId :

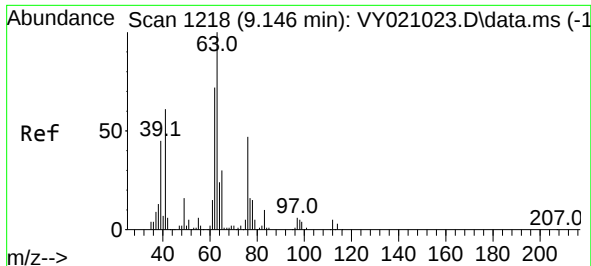
Tgt Ion: 43 Resp: 39516
Ion Ratio Lower Upper
43 100
61 29.5 24.8 37.2
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 19.434 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion:130 Resp: 32010
Ion Ratio Lower Upper
130 100
95 96.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.050 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

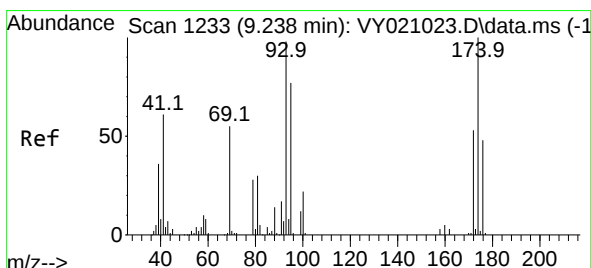
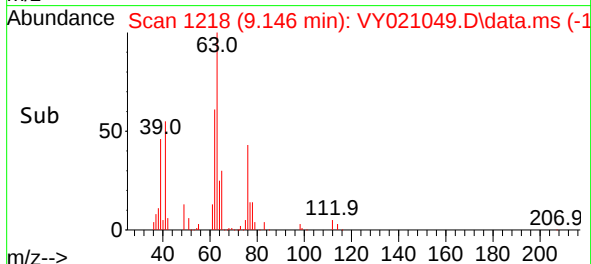
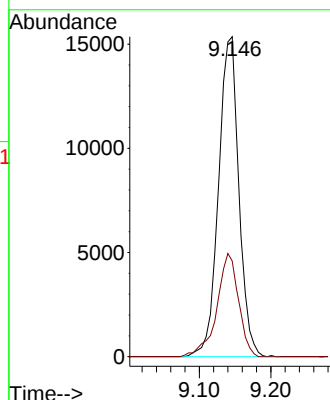
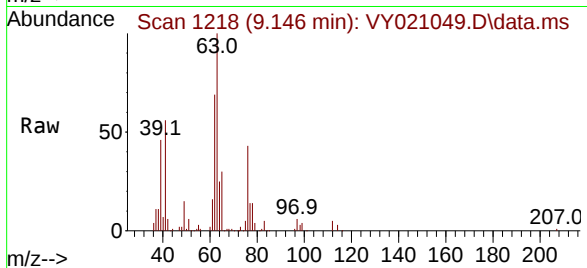
ClientSampleId :

Tgt Ion: 63 Resp: 30339

Ion Ratio Lower Upper

63 100

65 29.9 24.6 36.8



#46

Dibromomethane

Concen: 20.920 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

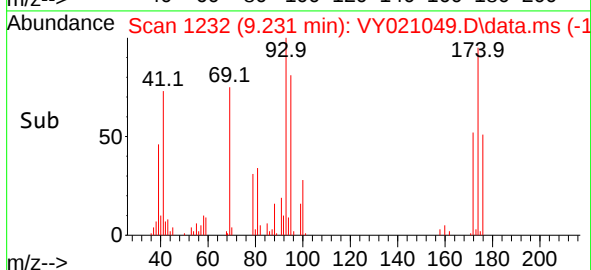
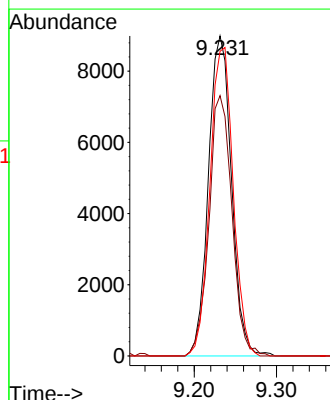
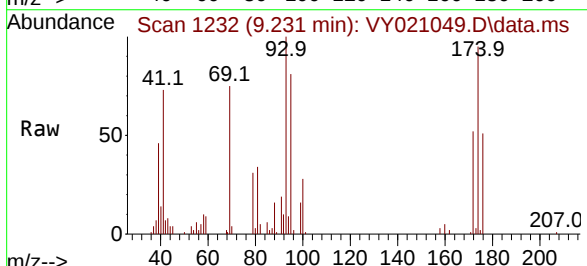
Tgt Ion: 93 Resp: 17527

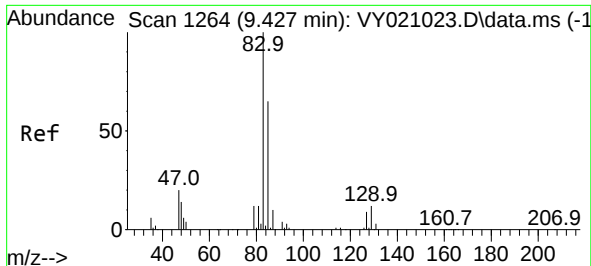
Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

174 97.3 73.8 110.6

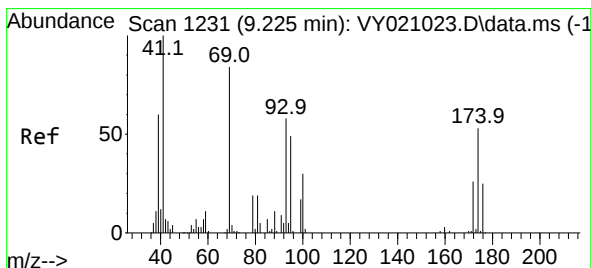
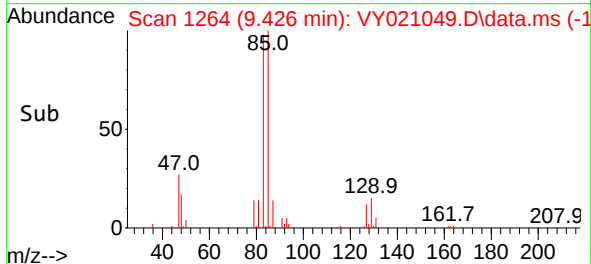
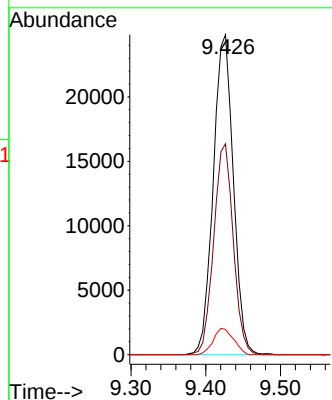
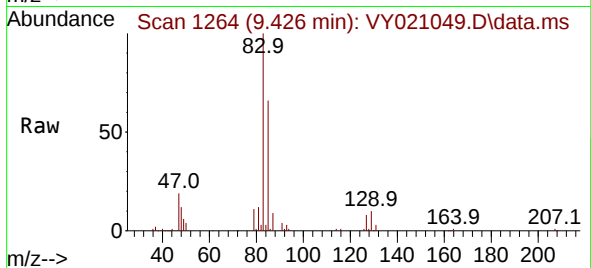




#47
Bromodichloromethane
Concen: 20.646 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

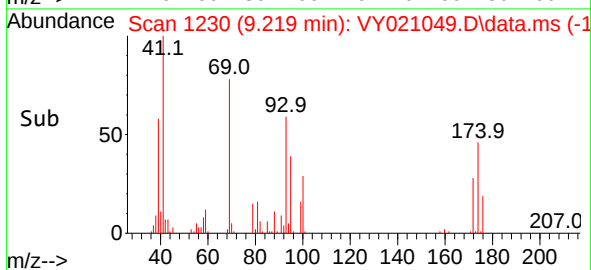
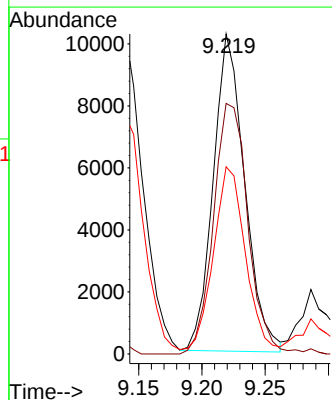
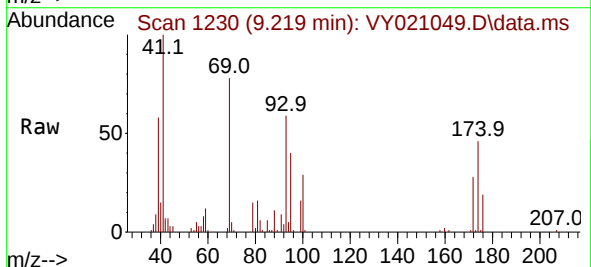
Instrument :
MSVOA_Y
ClientSampleId :

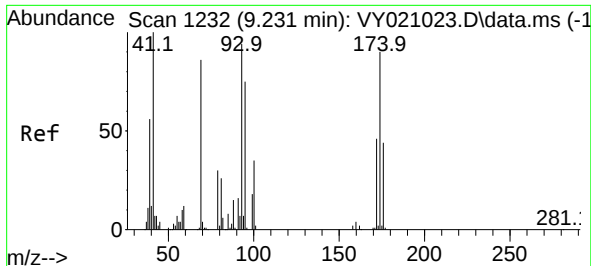
Tgt Ion: 83 Resp: 46392
Ion Ratio Lower Upper
83 100
85 65.9 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 20.513 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 41 Resp: 17694
Ion Ratio Lower Upper
41 100
69 87.1 72.1 108.1
39 61.2 42.8 64.2





#49

1,4-Dioxane

Concen: 444.260 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

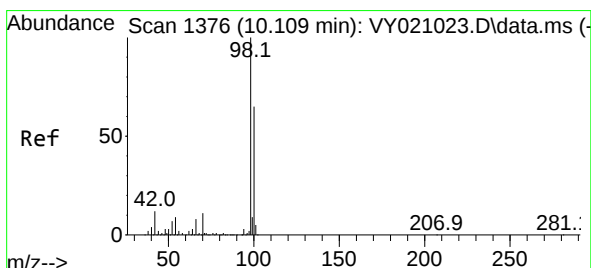
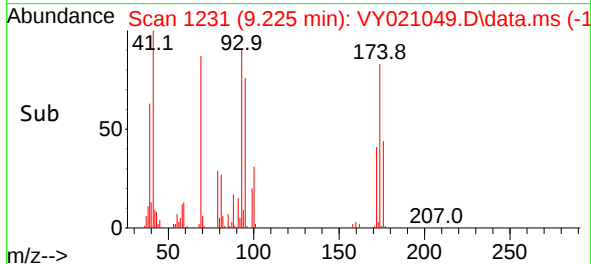
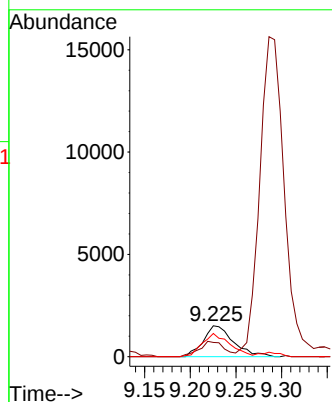
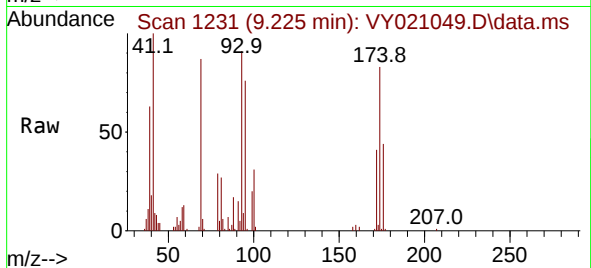
Tgt Ion: 88 Resp: 3465

Ion Ratio Lower Upper

88 100

43 41.2 28.2 42.4

58 68.7 52.2 78.2



#50

Toluene-d8

Concen: 53.947 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021049.D

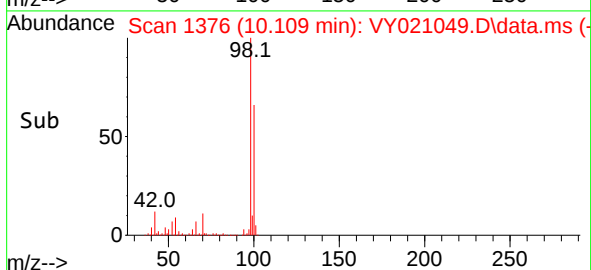
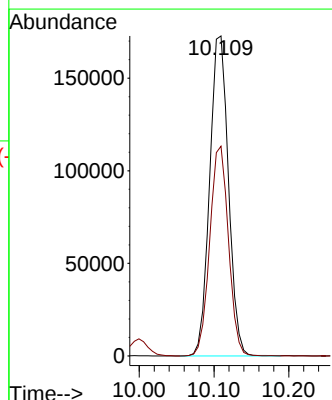
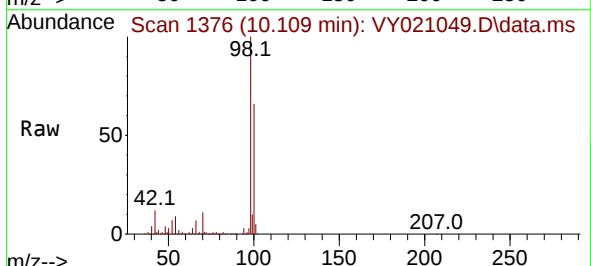
Acq: 04 Feb 2025 11:15

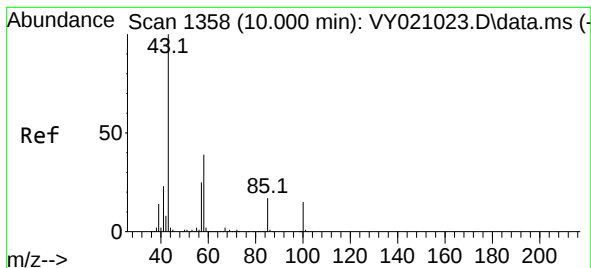
Tgt Ion: 98 Resp: 301231

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

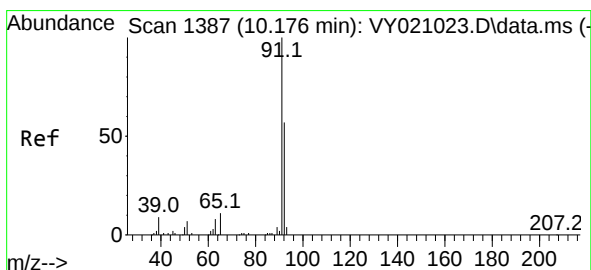
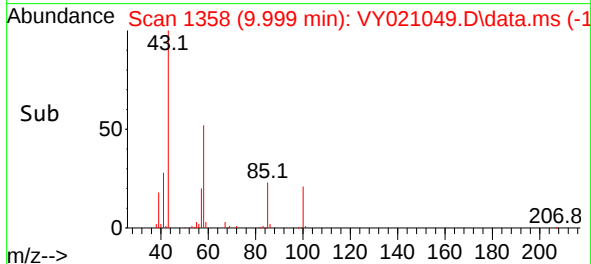
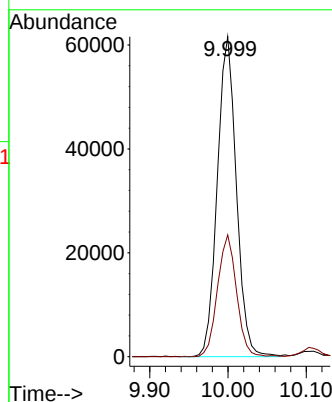
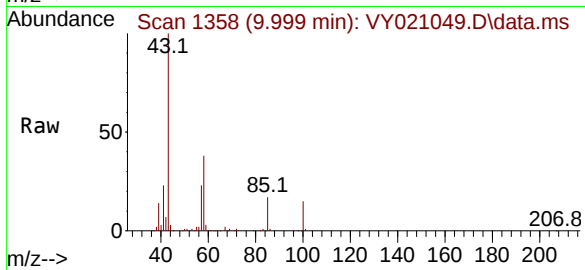




#51
4-Methyl-2-Pentanone
Concen: 109.666 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

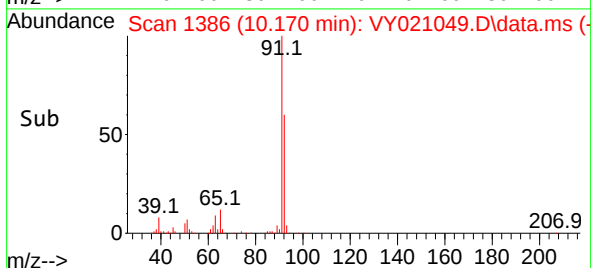
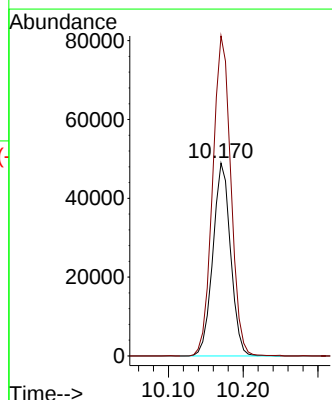
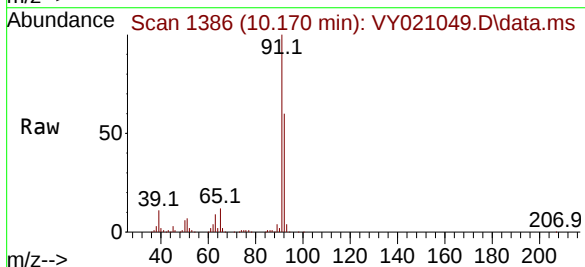
Instrument :
MSVOA_Y
ClientSampleId :

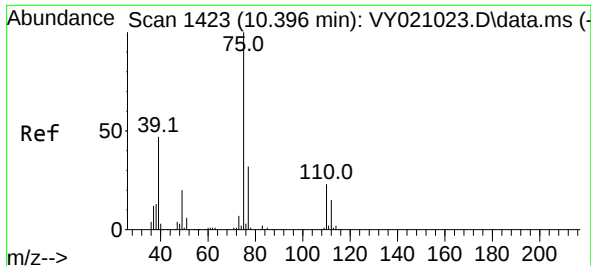
Tgt Ion: 43 Resp: 104432
Ion Ratio Lower Upper
43 100
58 38.0 32.2 48.2



#52
Toluene
Concen: 20.067 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 92 Resp: 80328
Ion Ratio Lower Upper
92 100
91 171.2 137.6 206.4

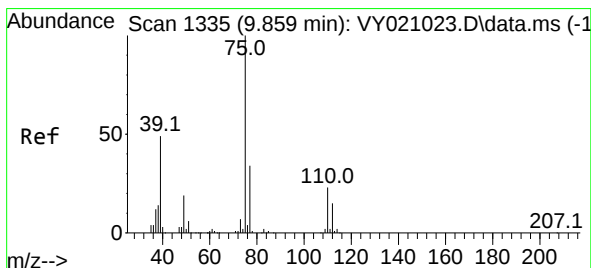
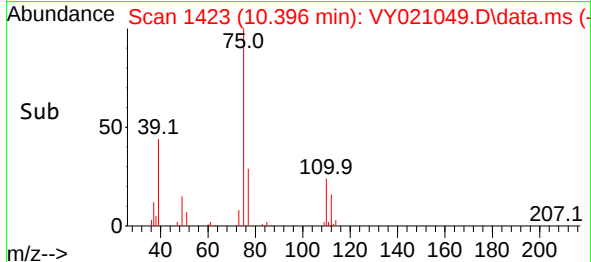
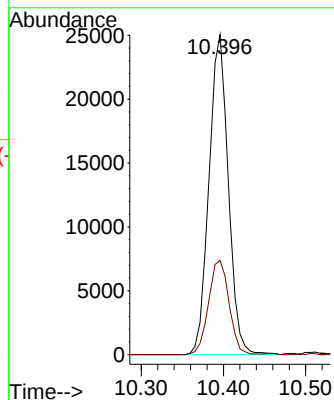
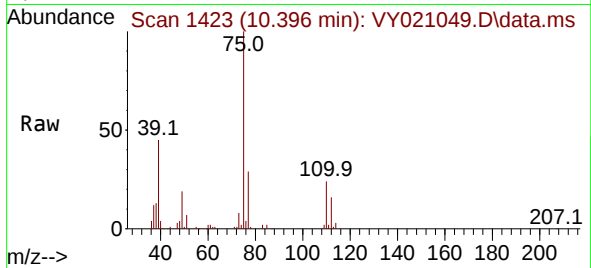




#53
t-1,3-Dichloropropene
Concen: 20.250 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

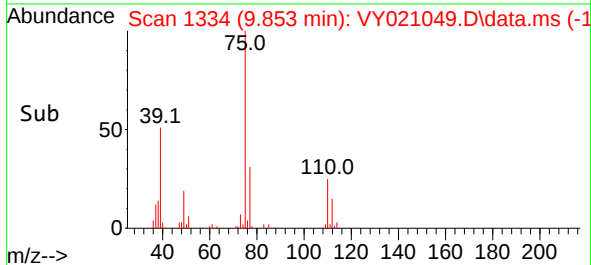
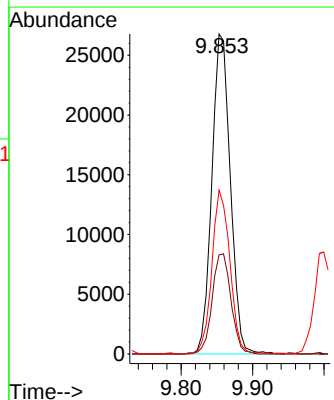
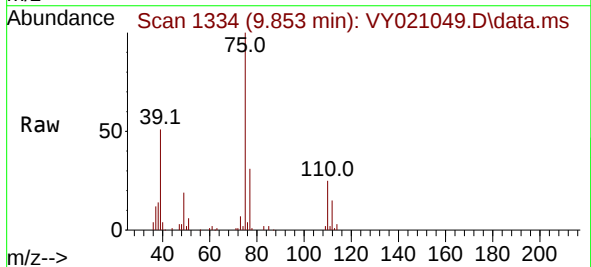
Instrument :
MSVOA_Y
ClientSampleId :

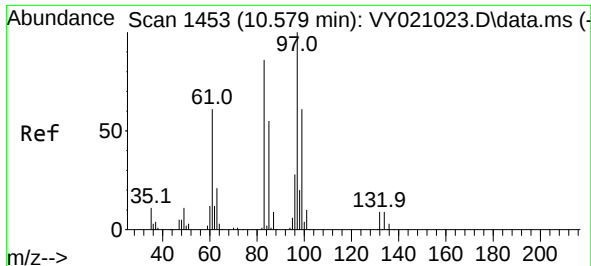
Tgt Ion: 75 Resp: 40857
Ion Ratio Lower Upper
75 100
77 29.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.138 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 75 Resp: 48108
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 51.1 33.6 50.4#

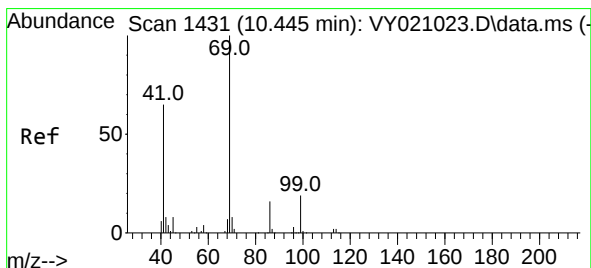
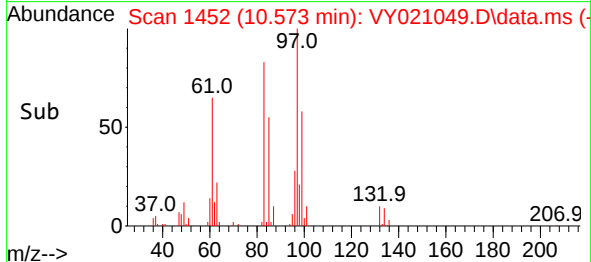
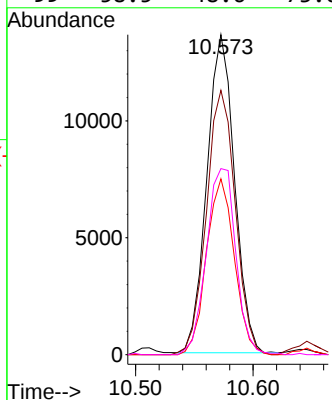
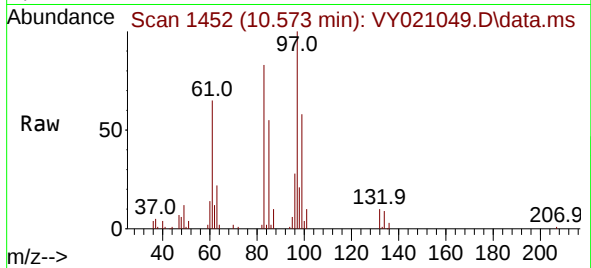




#55
1,1,2-Trichloroethane
Concen: 20.514 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

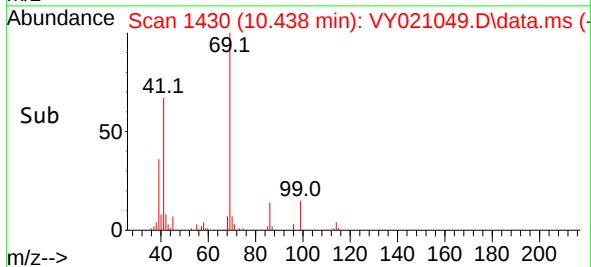
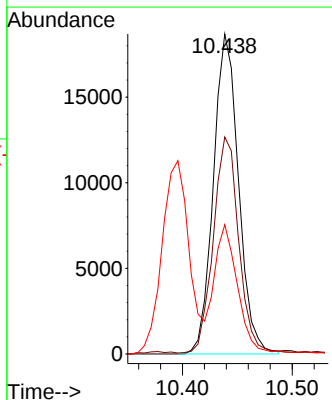
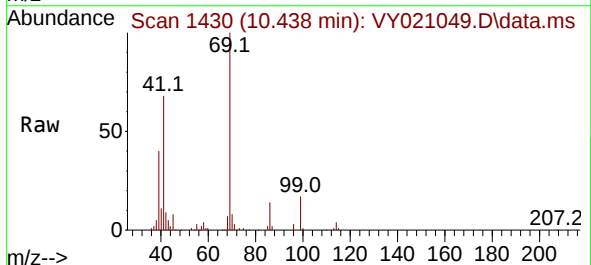
Instrument :
MSVOA_Y
ClientSampleId :

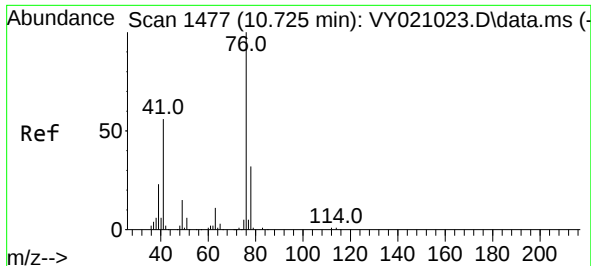
Tgt Ion: 97	Resp: 22256
Ion Ratio	Lower Upper
97 100	
83 83.1	69.4 104.2
85 55.3	43.9 65.9
99 58.5	48.6 73.0



#56
Ethyl methacrylate
Concen: 20.528 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 69	Resp: 29794
Ion Ratio	Lower Upper
69 100	
41 68.2	49.2 73.8
39 36.4	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.615 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

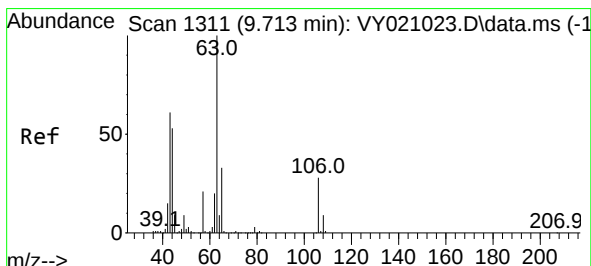
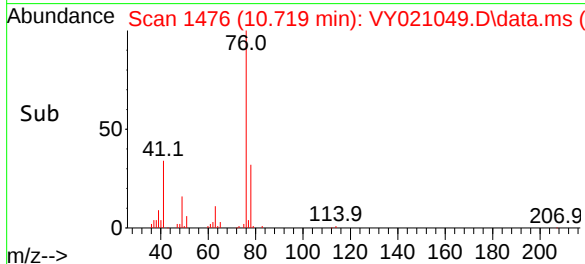
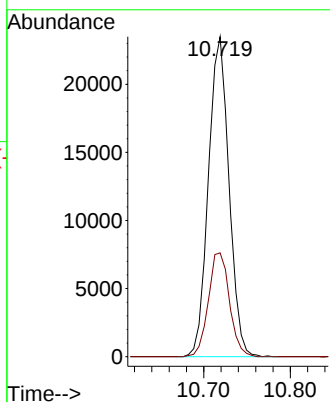
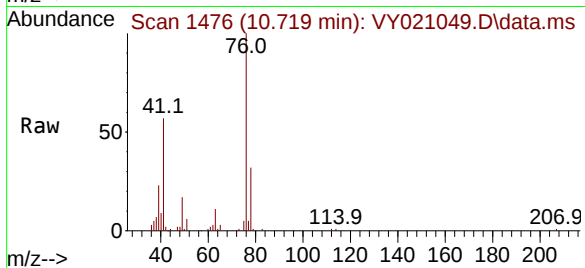
ClientSampleId :

Tgt Ion: 76 Resp: 38712

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.468 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021049.D

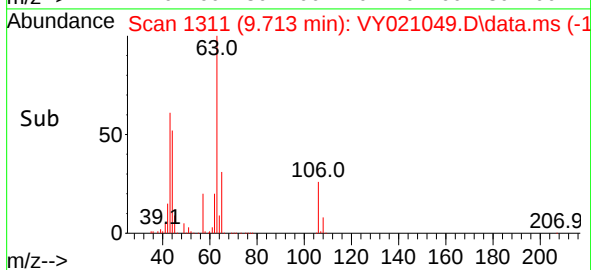
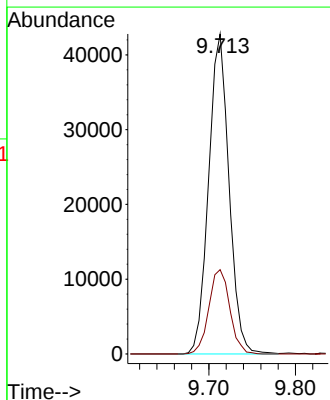
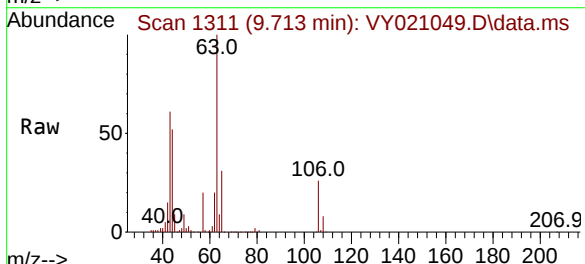
Acq: 04 Feb 2025 11:15

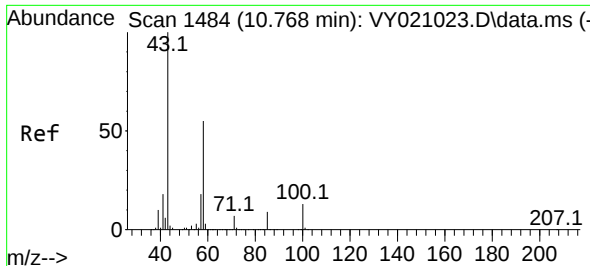
Tgt Ion: 63 Resp: 70063

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

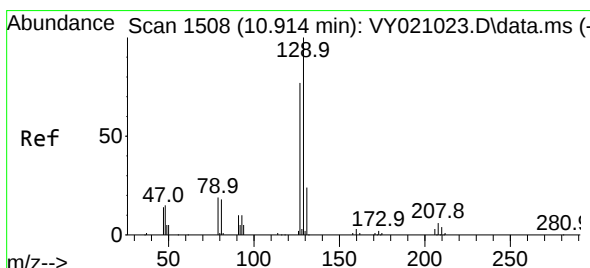
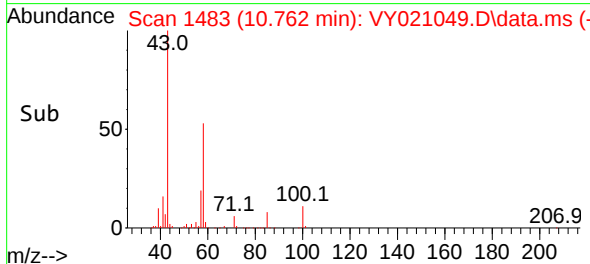
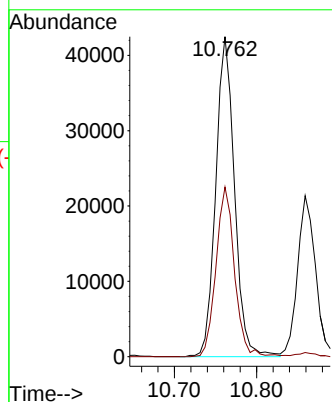
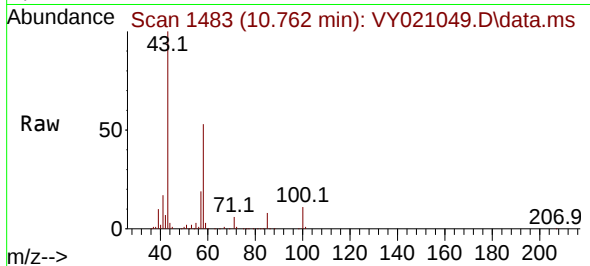




#59
2-Hexanone
Concen: 109.642 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

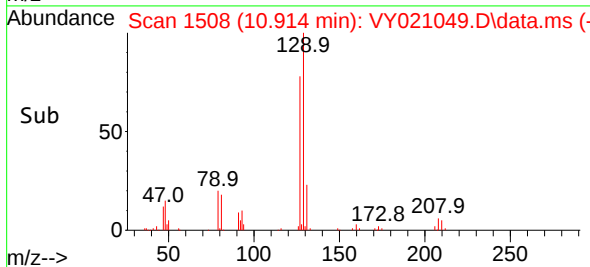
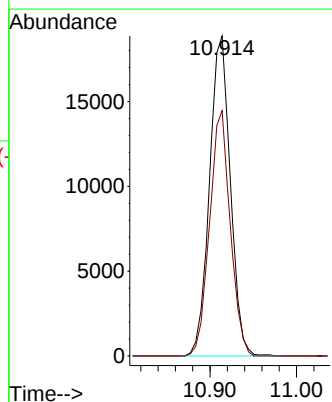
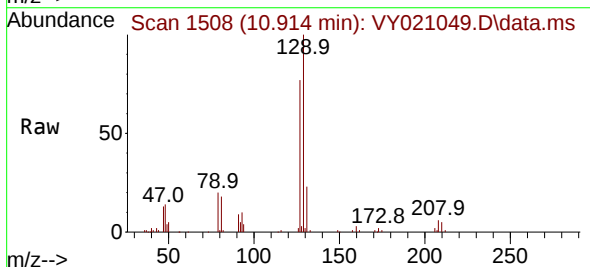
Instrument :
MSVOA_Y
ClientSampleId :

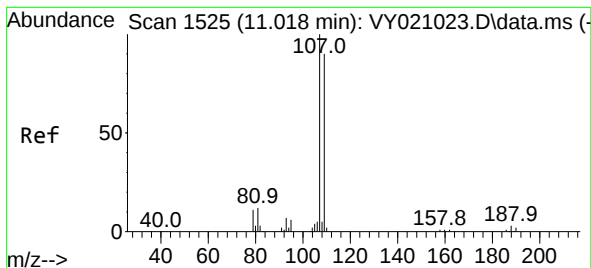
Tgt Ion: 43 Resp: 67225
Ion Ratio Lower Upper
43 100
58 52.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.667 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 129 Resp: 31488
Ion Ratio Lower Upper
129 100
127 75.9 39.2 117.6

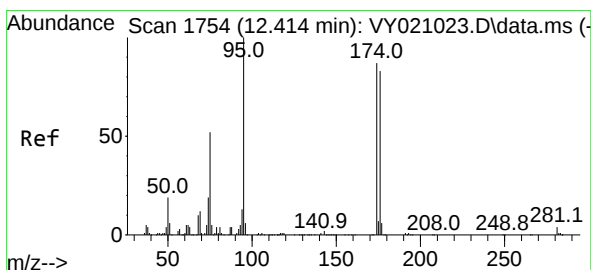
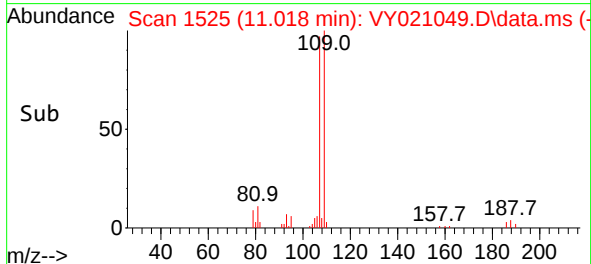
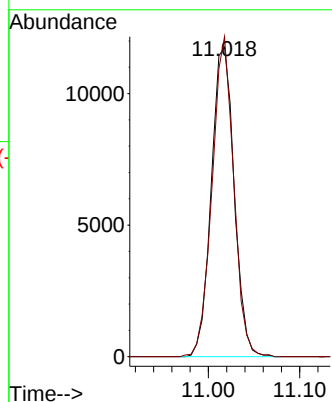
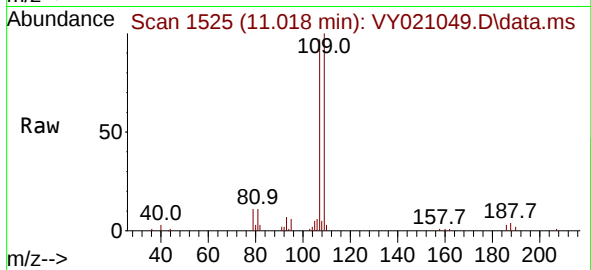




#61
1,2-Dibromoethane
Concen: 20.109 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

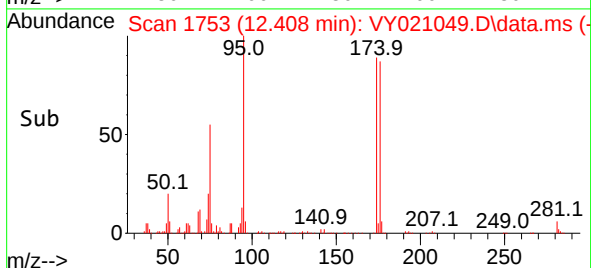
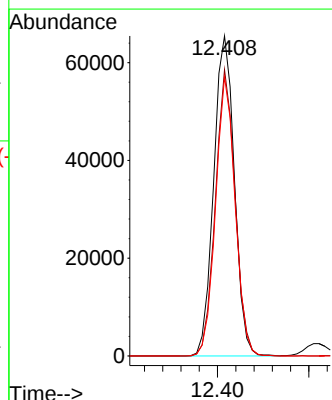
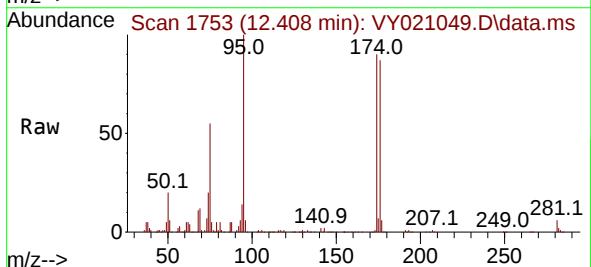
Instrument :
MSVOA_Y
ClientSampleId :

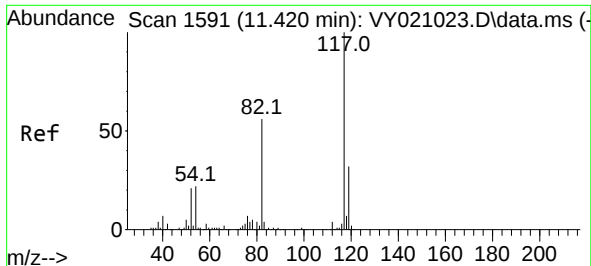
Tgt Ion:107 Resp: 20435
Ion Ratio Lower Upper
107 100
109 97.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.291 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 95 Resp: 102686
Ion Ratio Lower Upper
95 100
174 85.5 0.0 160.0
176 82.4 0.0 151.8

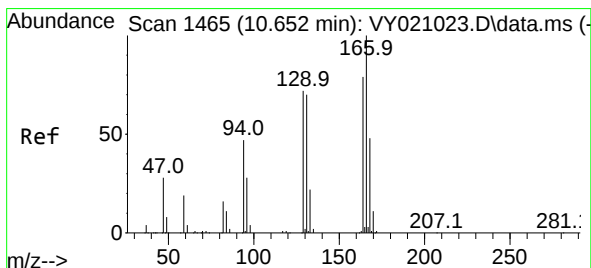
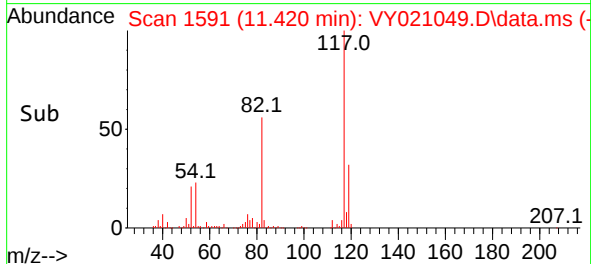
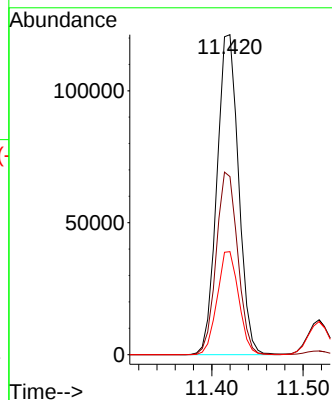
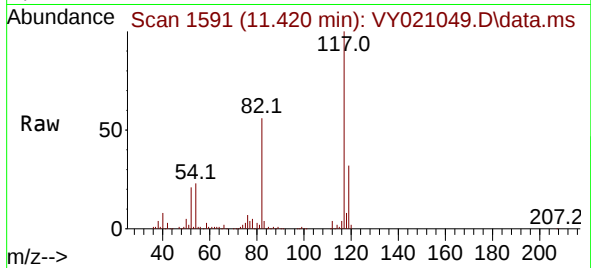




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

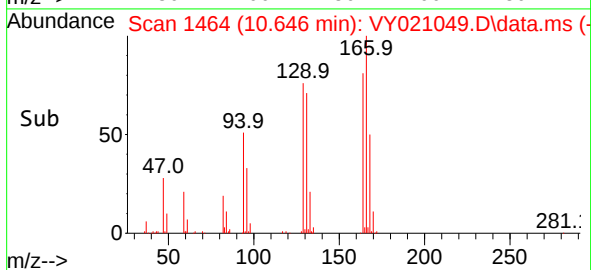
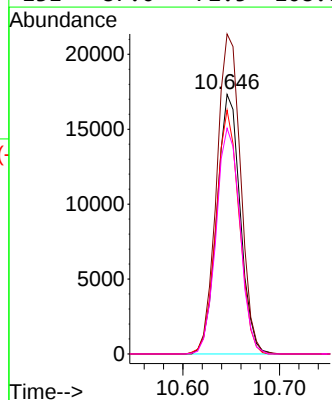
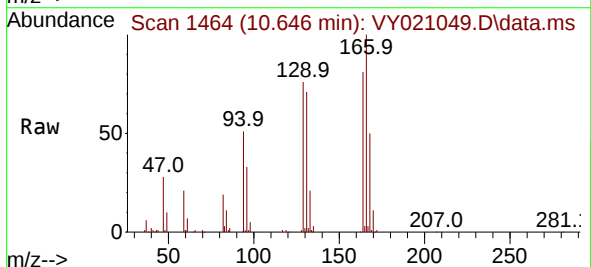
Instrument :
MSVOA_Y
ClientSampleId :

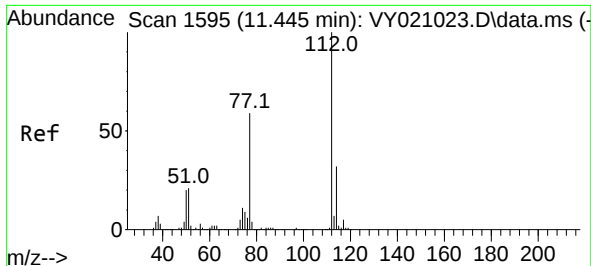
Tgt Ion:117 Resp: 199914
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 19.582 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion:164 Resp: 29061
Ion Ratio Lower Upper
164 100
166 123.3 98.8 148.2
129 93.9 78.9 118.3
131 87.0 72.5 108.7

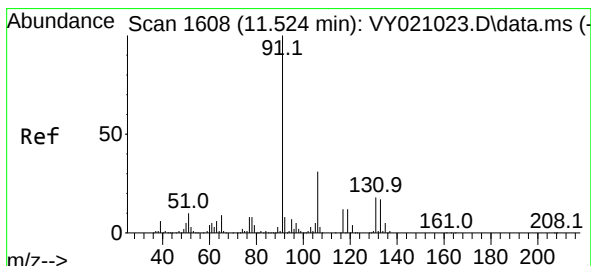
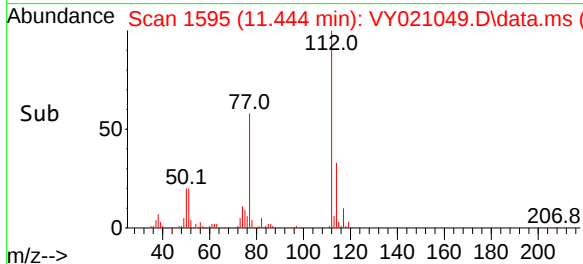
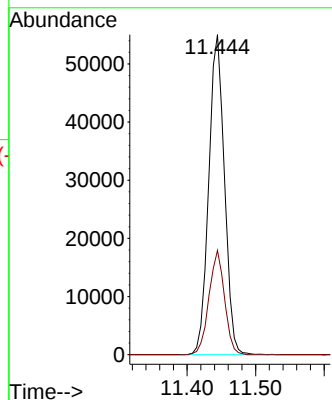
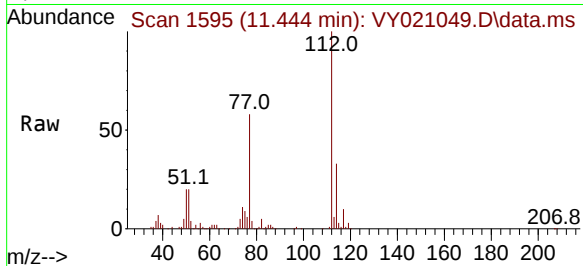




#65
Chlorobenzene
Concen: 19.680 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

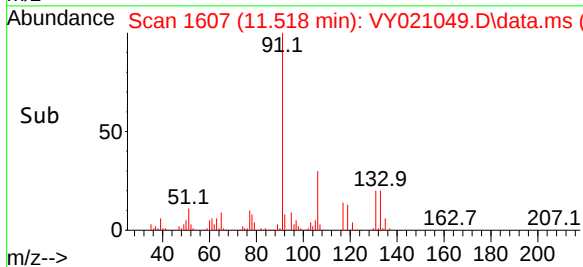
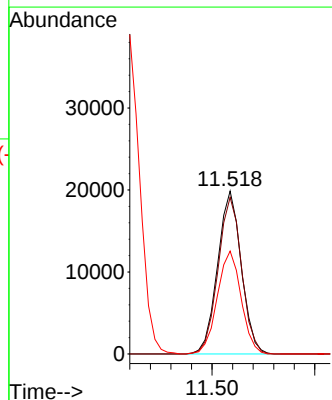
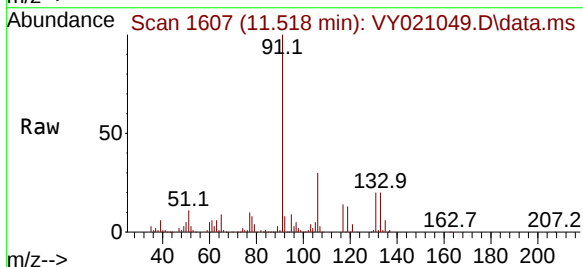
Instrument :
MSVOA_Y
ClientSampleId :

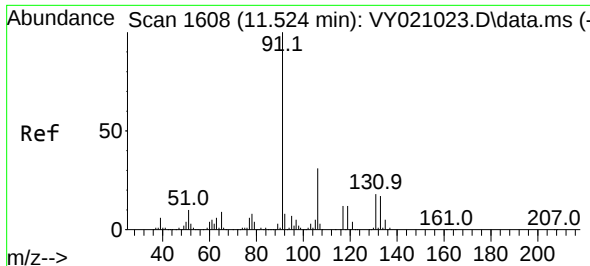
Tgt Ion:112 Resp: 87602
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.027 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion:131 Resp: 31681
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 63.5 33.3 99.9





#67

Ethyl Benzene

Concen: 19.594 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

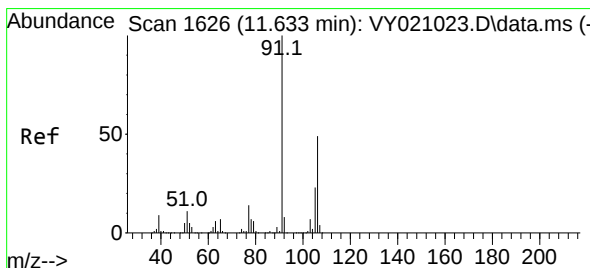
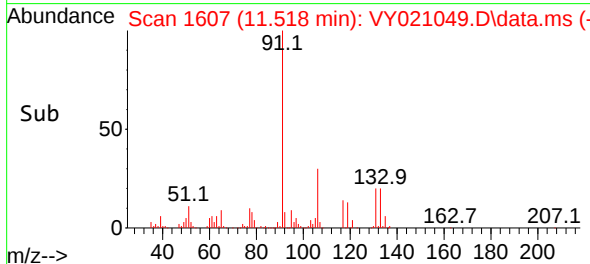
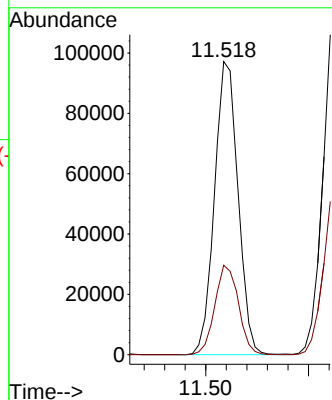
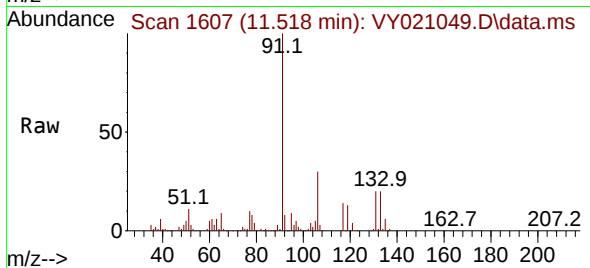
ClientSampleId :

Tgt Ion: 91 Resp: 154275

Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4



#68

m/p-Xylenes

Concen: 39.693 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021049.D

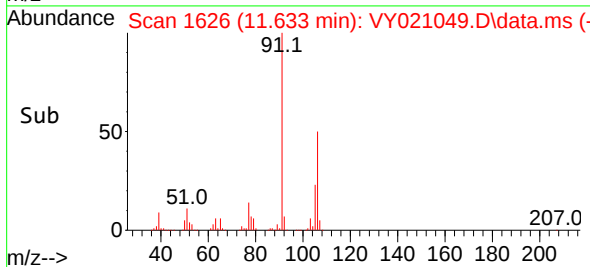
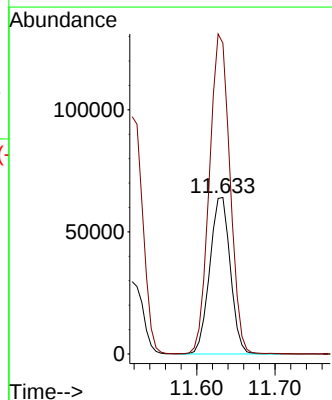
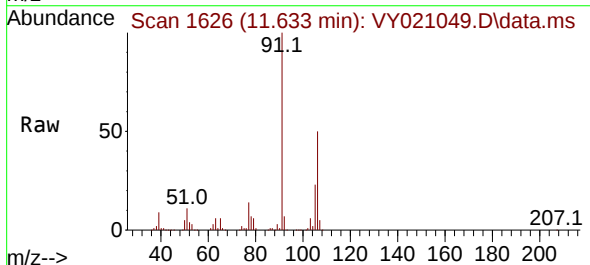
Acq: 04 Feb 2025 11:15

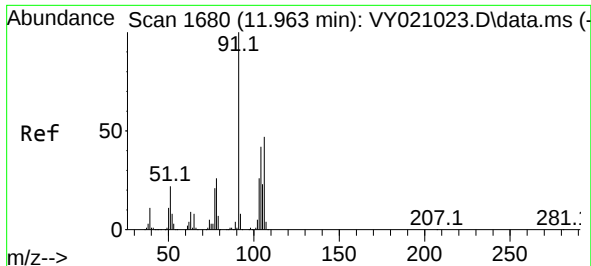
Tgt Ion:106 Resp: 116912

Ion Ratio Lower Upper

106 100

91 205.4 160.7 241.1

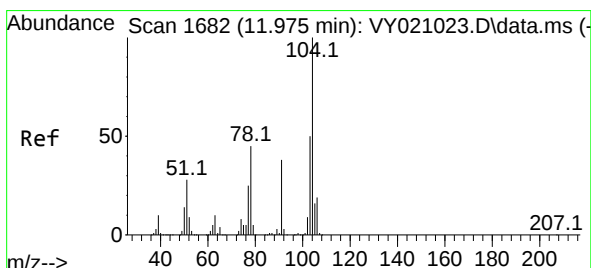
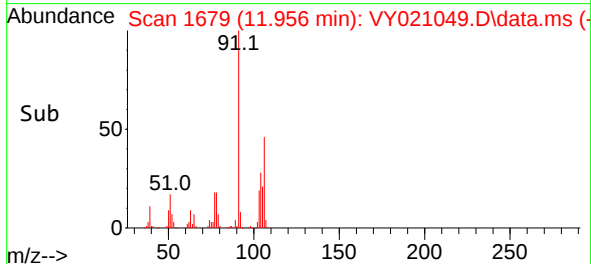
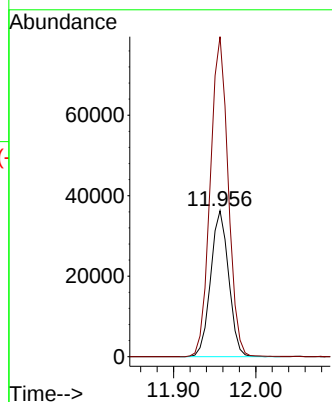
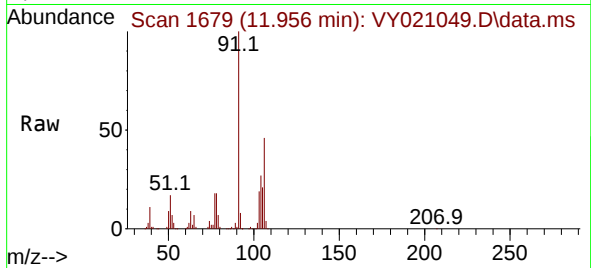




#69
o-Xylene
Concen: 20.100 ug/l
RT: 11.956 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

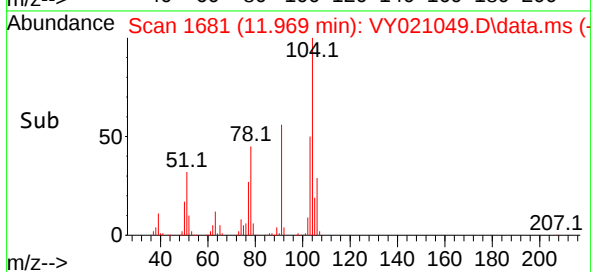
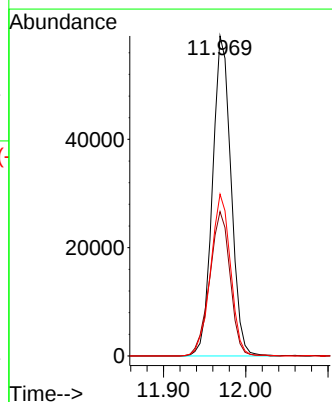
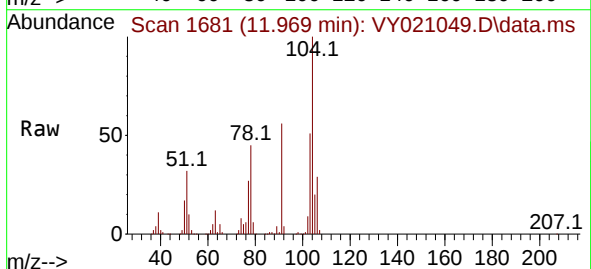
Instrument :
MSVOA_Y
ClientSampleId :

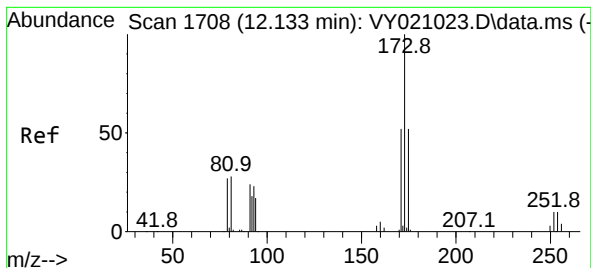
Tgt Ion:106 Resp: 55196
Ion Ratio Lower Upper
106 100
91 218.3 106.5 319.5



#70
Styrene
Concen: 20.249 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion:104 Resp: 92679
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 54.4 43.8 65.6





#71

Bromoform

Concen: 21.309 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

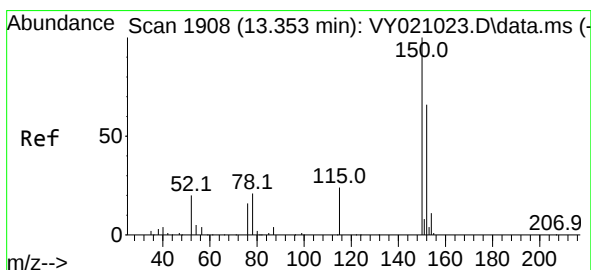
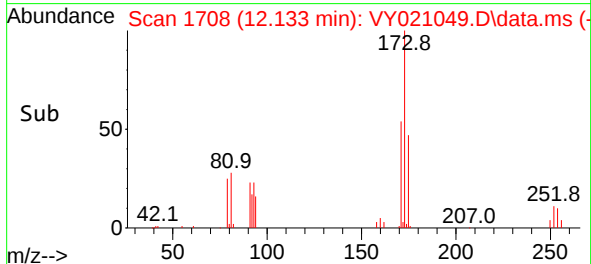
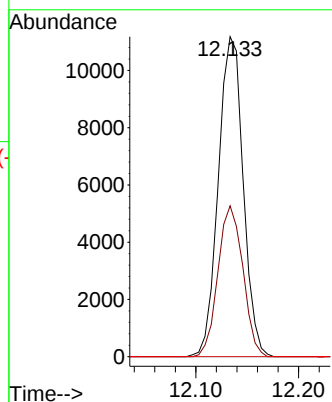
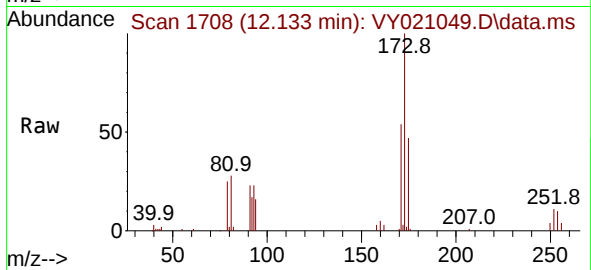
Tgt Ion:173 Resp: 18763

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: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

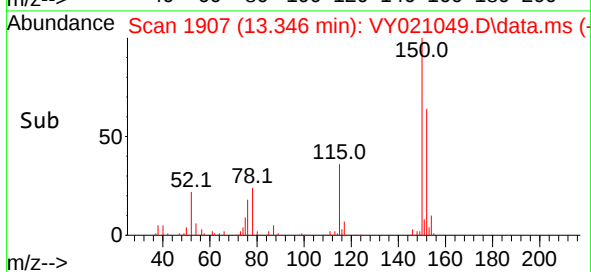
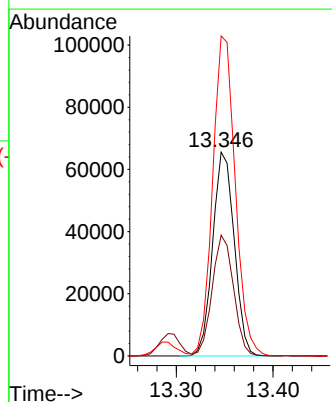
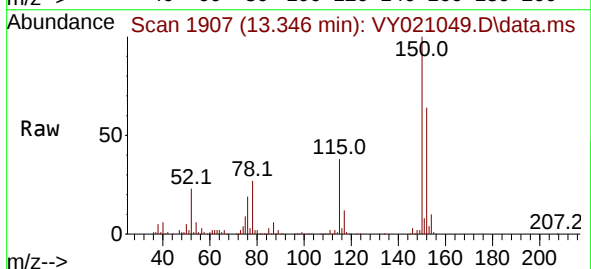
Tgt Ion:152 Resp: 101483

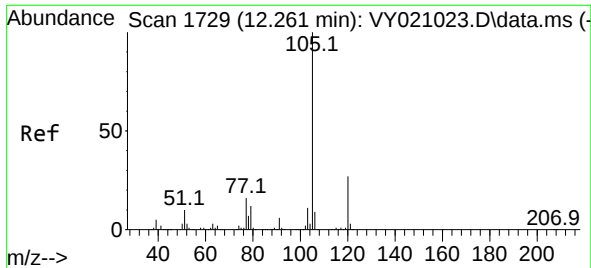
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 164.0 0.0 344.6

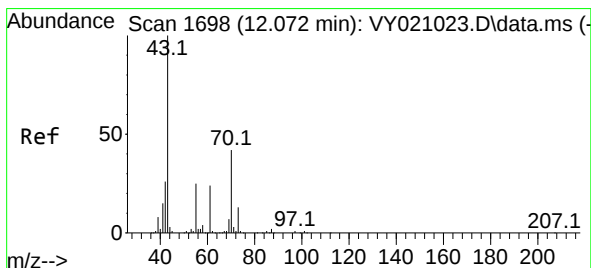
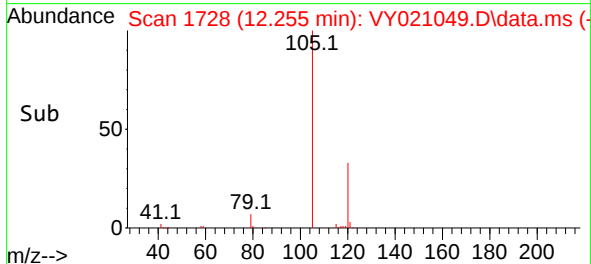
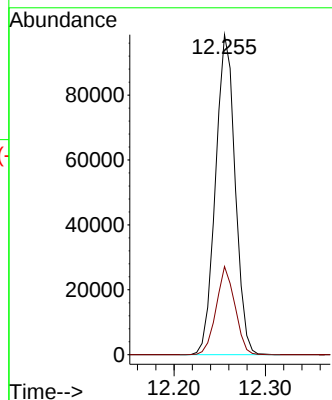
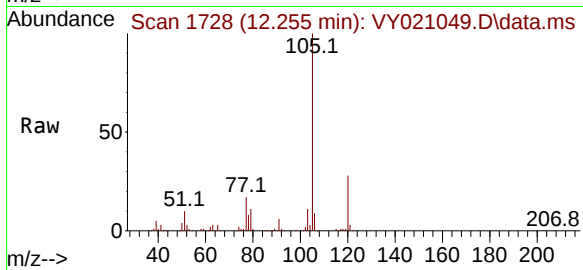




#73
Isopropylbenzene
Concen: 18.529 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

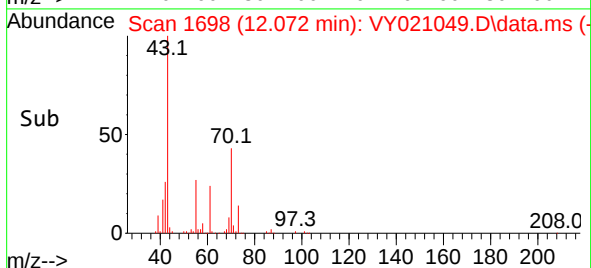
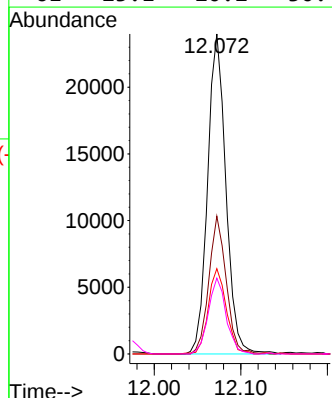
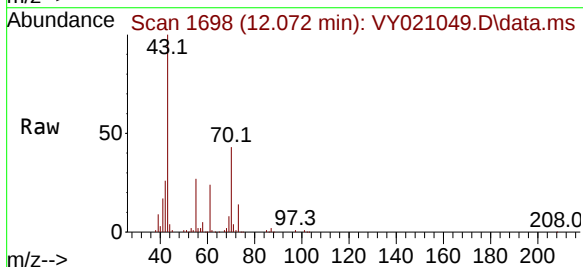
Instrument :
MSVOA_Y
ClientSampleId :

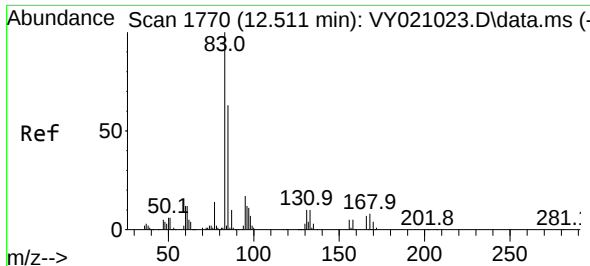
Tgt Ion:105 Resp: 146884
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 20.311 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 43 Resp: 35202
Ion Ratio Lower Upper
43 100
70 41.0 36.6 55.0
55 26.4 22.2 33.4
61 23.1 20.2 30.4

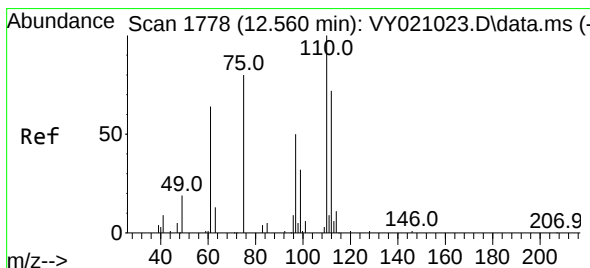
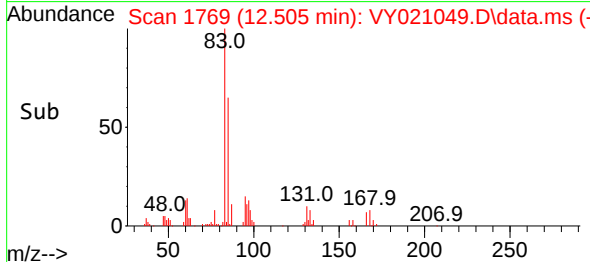
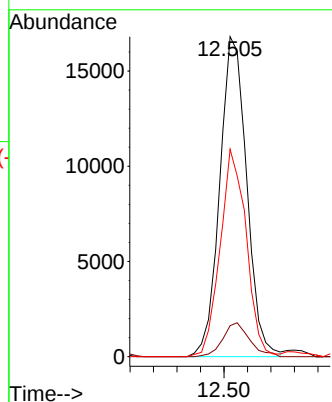
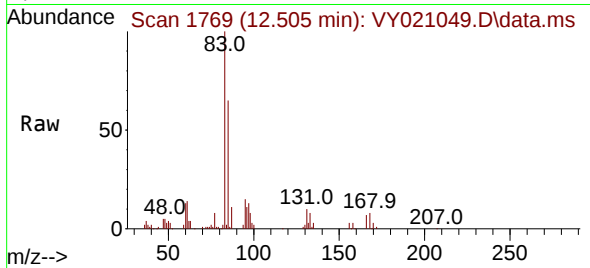




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.315 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

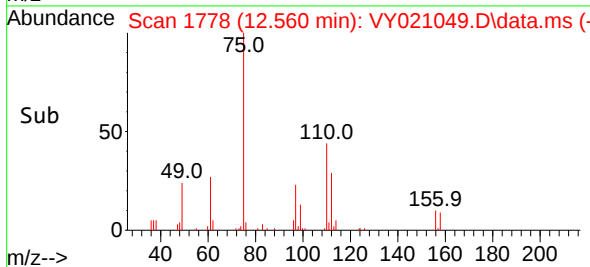
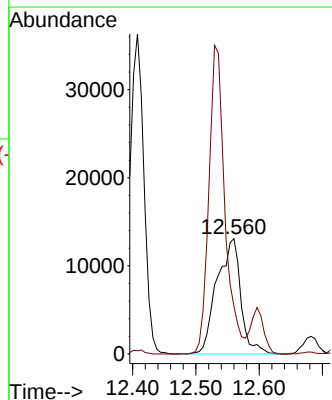
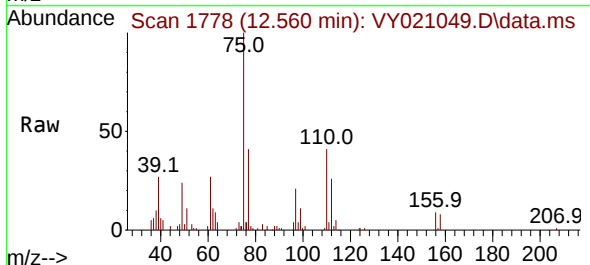
Instrument :
 MSVOA_Y
 ClientSampleId :

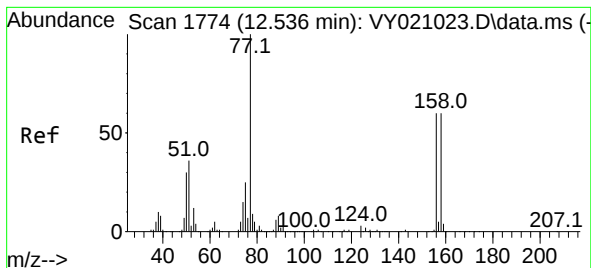
Tgt Ion: 83 Resp: 26783
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.9 14.6
 85 62.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 37.188 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

Tgt Ion: 75 Resp: 34234
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.037 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

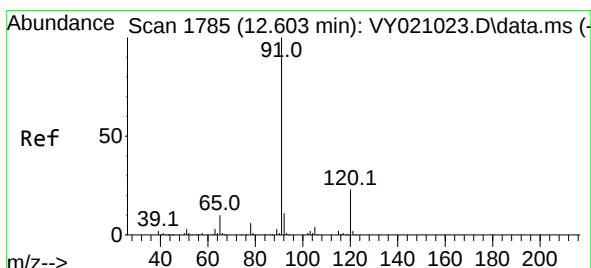
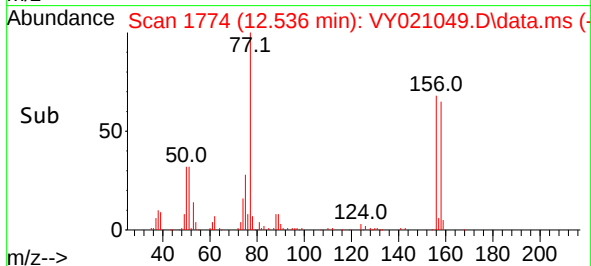
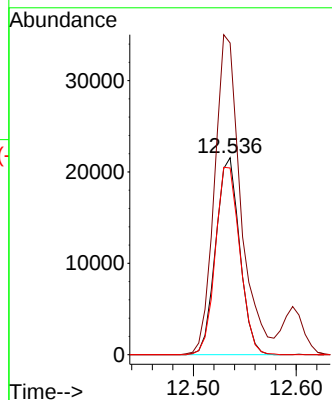
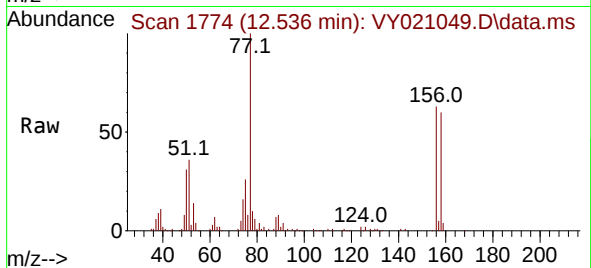
Tgt Ion:156 Resp: 34826

Ion Ratio Lower Upper

156 100

77 178.8 97.3 291.8

158 97.2 48.4 145.0



#78

n-propylbenzene

Concen: 18.746 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY021049.D

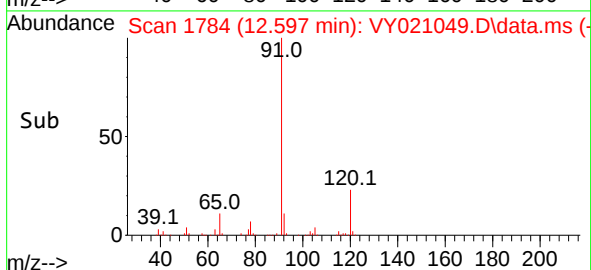
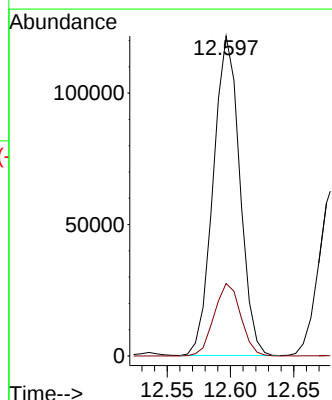
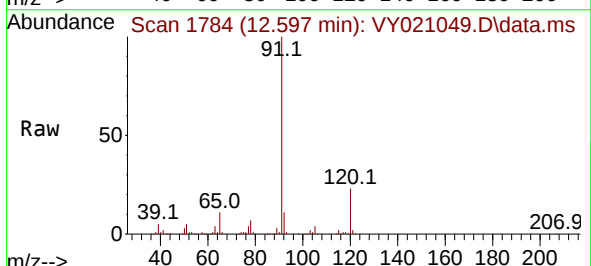
Acq: 04 Feb 2025 11:15

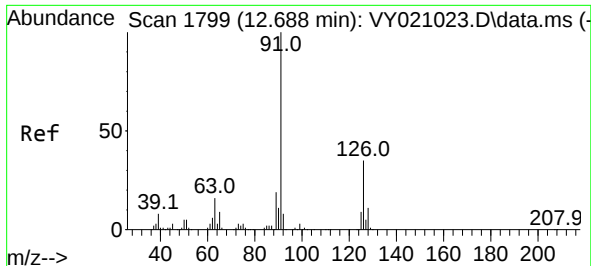
Tgt Ion: 91 Resp: 177026

Ion Ratio Lower Upper

91 100

120 22.8 11.0 33.0

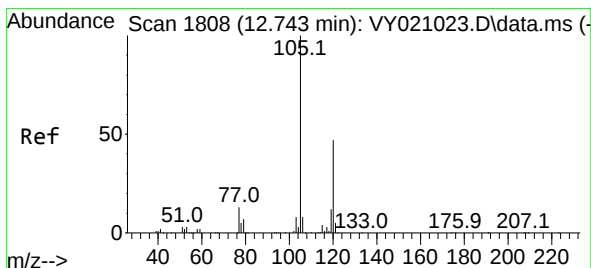
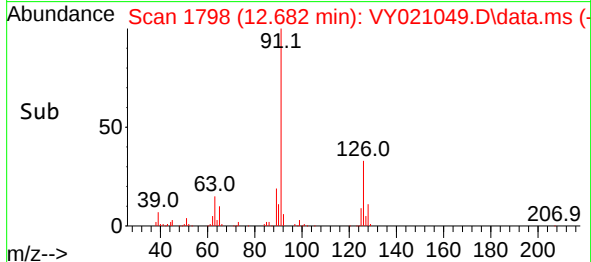
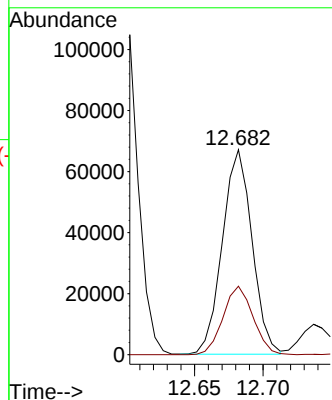
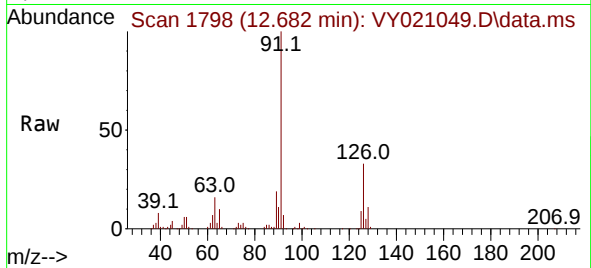




#79
2-Chlorotoluene
Concen: 18.699 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

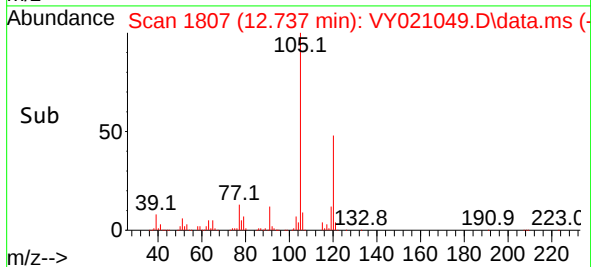
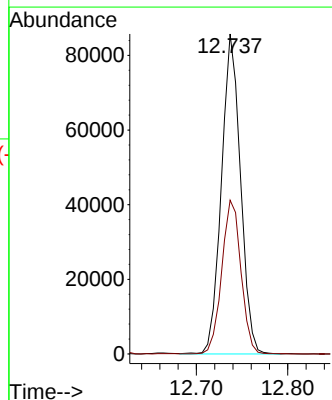
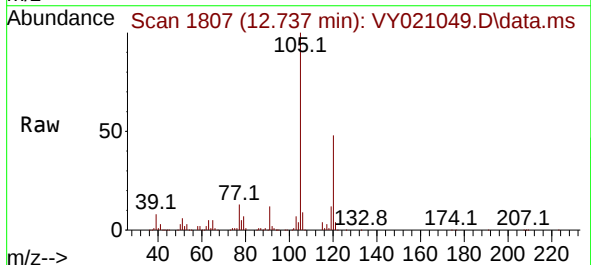
Instrument :
MSVOA_Y
ClientSampleId :

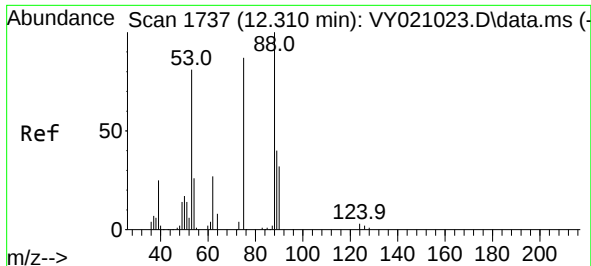
Tgt Ion: 91 Resp: 101134
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.356 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 105 Resp: 124402
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

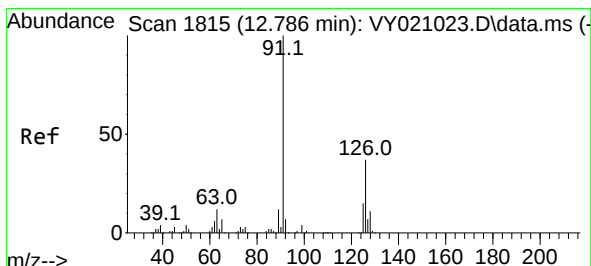
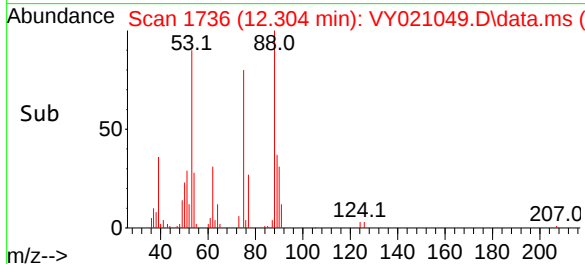
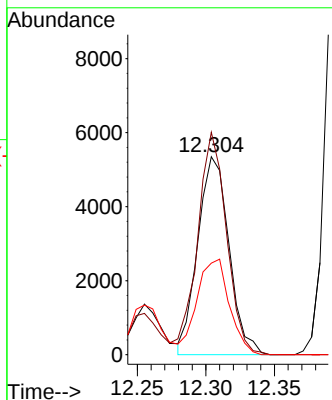
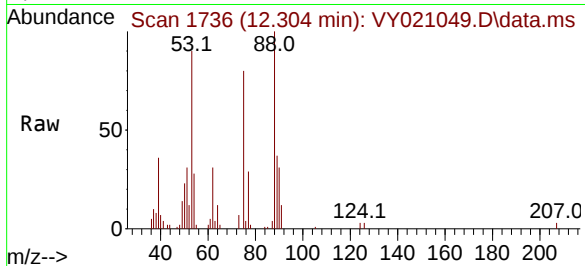




#81
trans-1,4-Dichloro-2-butene
Concen: 18.838 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

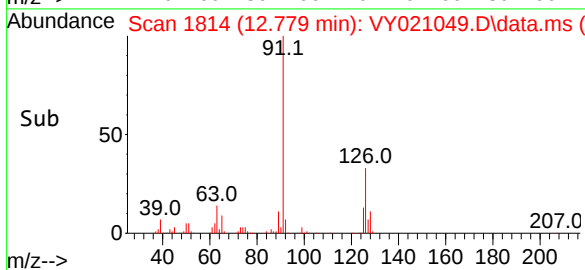
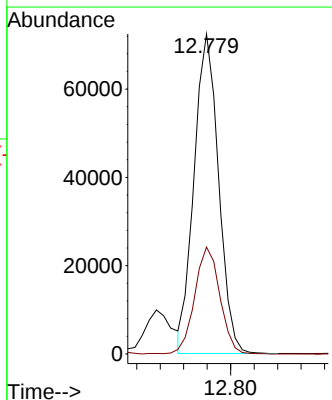
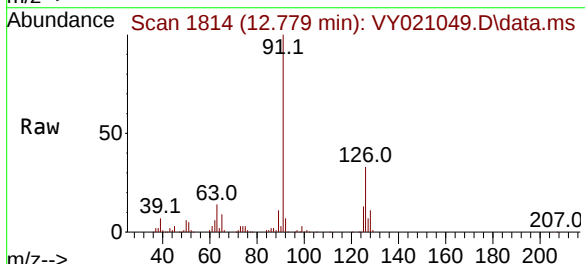
Instrument :
MSVOA_Y
ClientSampleId :

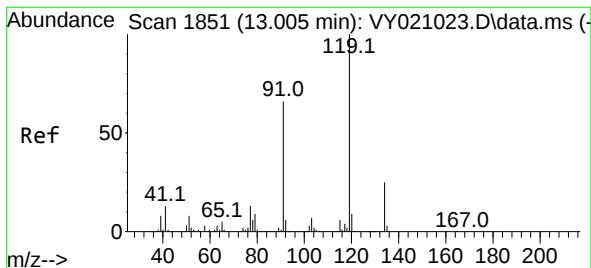
Tgt Ion: 75 Resp: 8499
Ion Ratio Lower Upper
75 100
53 104.6 74.0 111.0
89 50.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 18.983 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 91 Resp: 104609
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.583 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

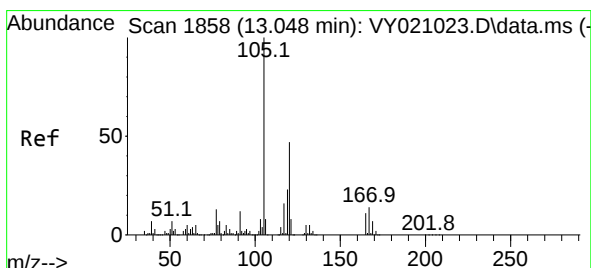
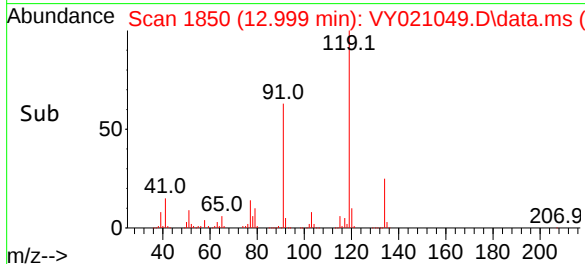
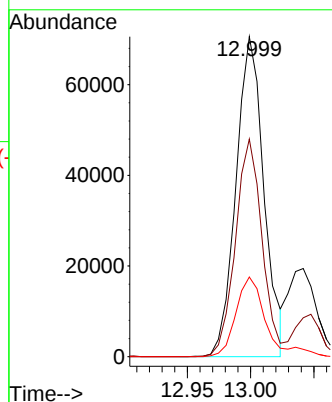
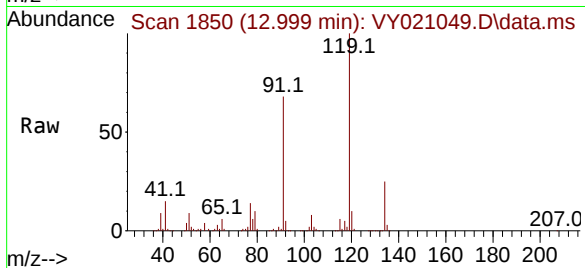
Tgt Ion:119 Resp: 108559

Ion Ratio Lower Upper

119 100

91 64.6 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.191 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021049.D

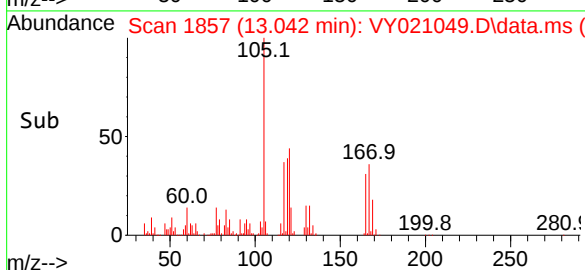
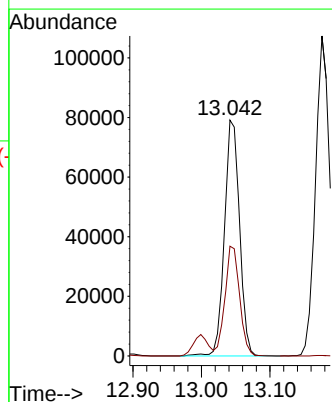
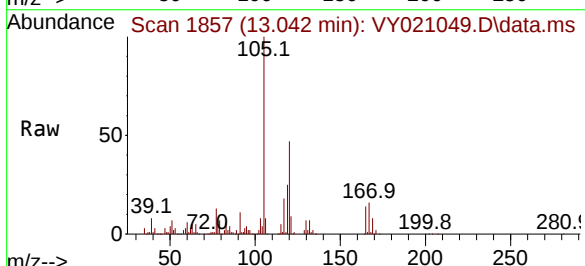
Acq: 04 Feb 2025 11:15

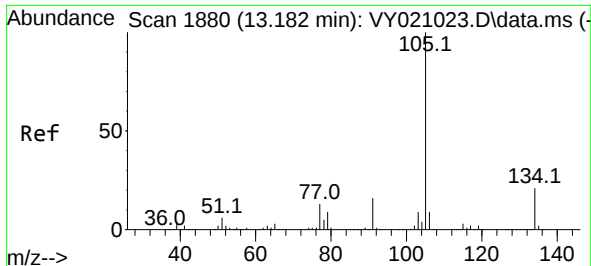
Tgt Ion:105 Resp: 120603

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.564 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

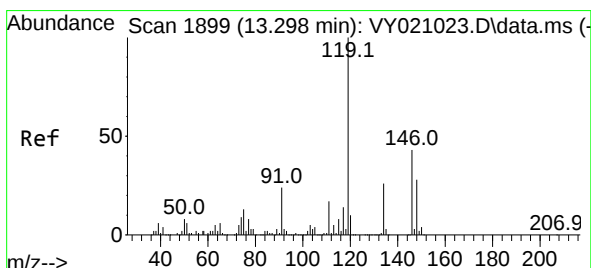
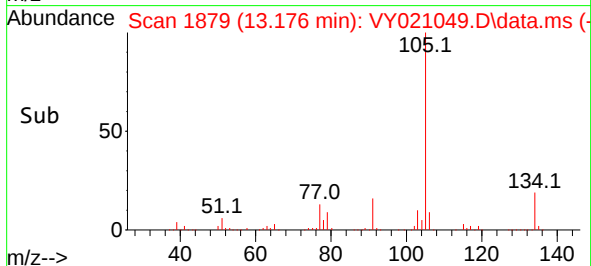
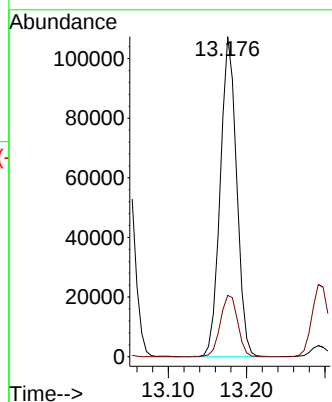
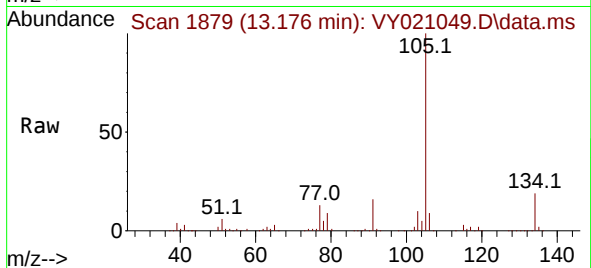
ClientSampleId :

Tgt Ion:105 Resp: 156108

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.097 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

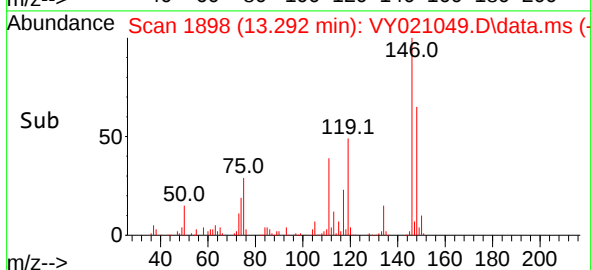
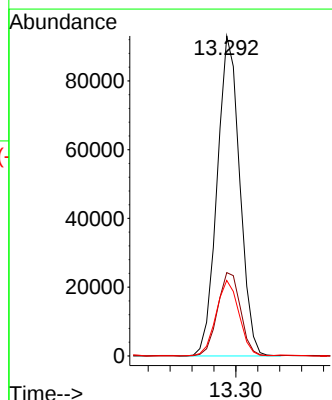
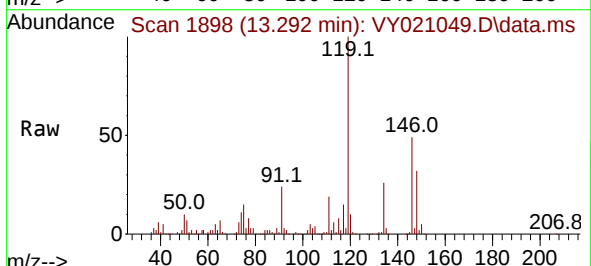
Tgt Ion:119 Resp: 133404

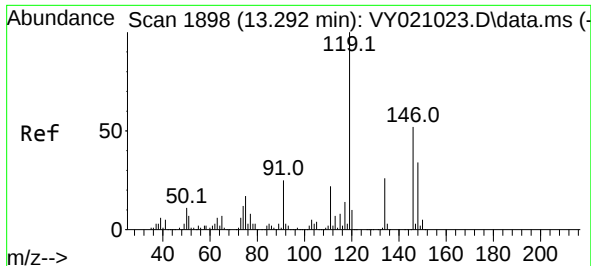
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.8 11.7 35.0

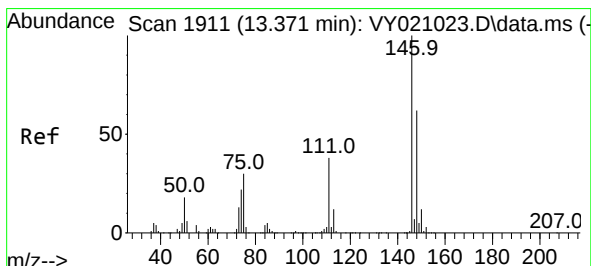
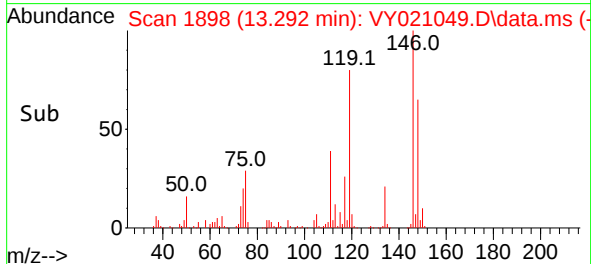
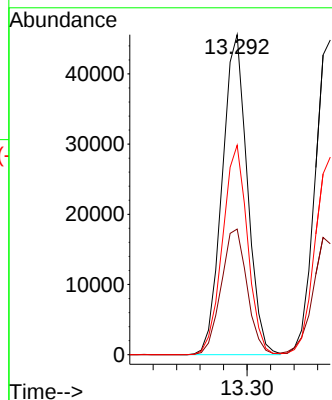
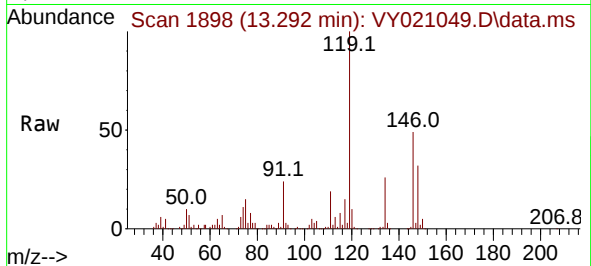




#87
 1,3-Dichlorobenzene
 Concen: 19.178 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

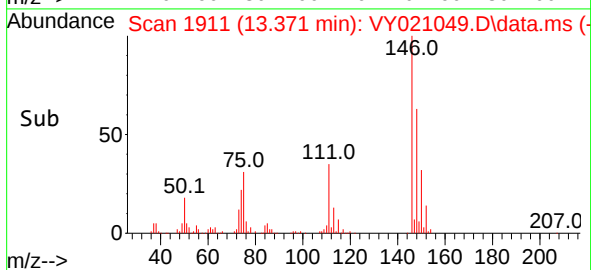
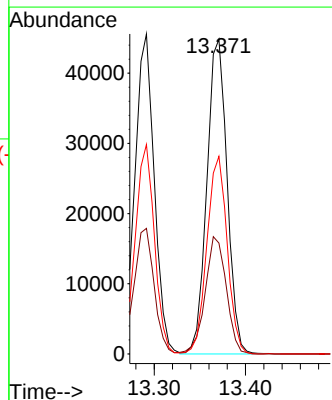
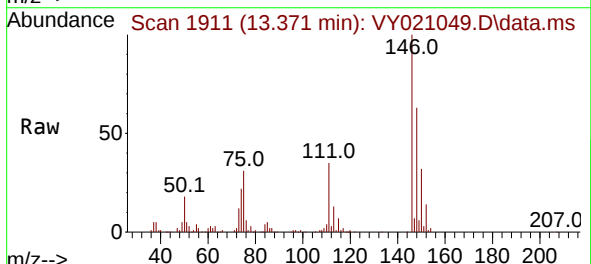
Instrument :
 MSVOA_Y
 ClientSampleId :

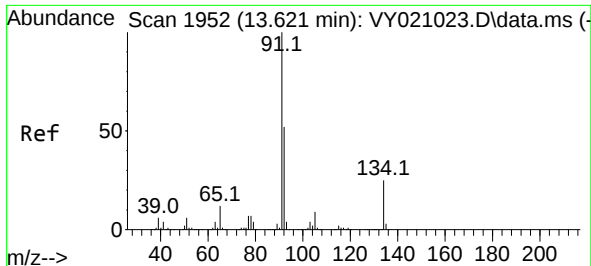
Tgt Ion:146 Resp: 67742
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.5
 148 65.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.802 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY021049.D
 Acq: 04 Feb 2025 11:15

Tgt Ion:146 Resp: 68868
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.3 57.9
 148 63.1 31.6 94.7

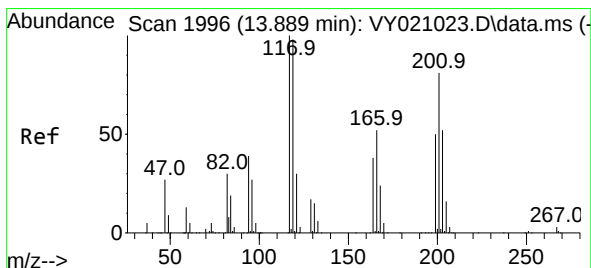
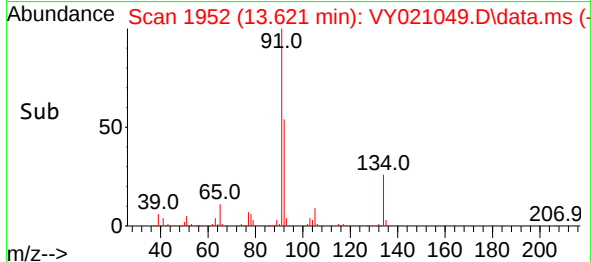
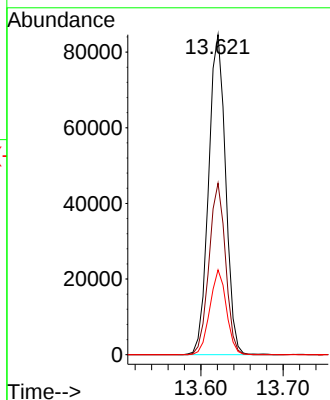
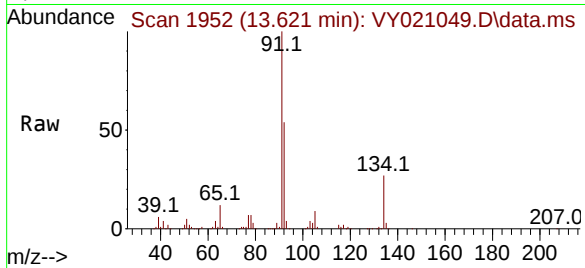




#89
n-Butylbenzene
Concen: 19.065 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

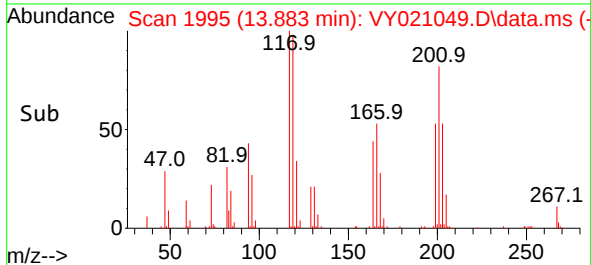
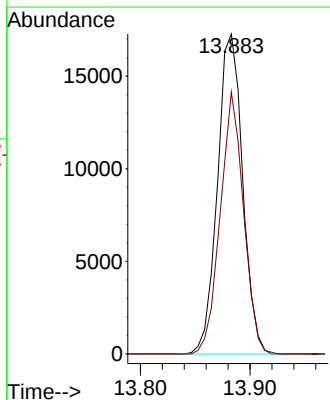
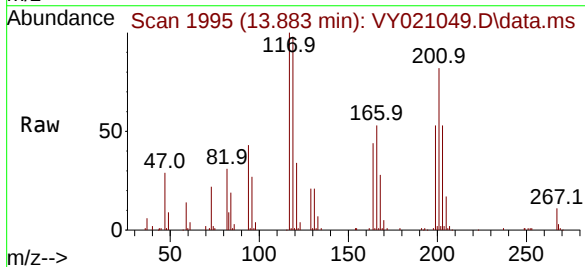
Instrument :
MSVOA_Y
ClientSampleId :

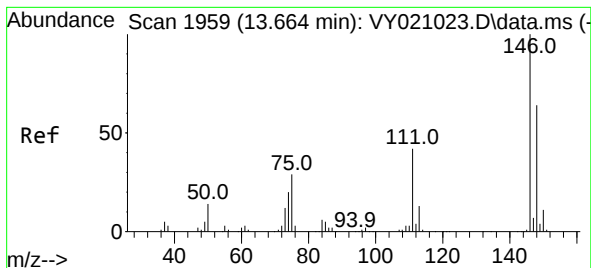
Tgt Ion: 91 Resp: 121493
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 25.8 12.3 36.8



#90
Hexachloroethane
Concen: 18.888 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 117 Resp: 27525
Ion Ratio Lower Upper
117 100
201 75.8 33.4 100.1

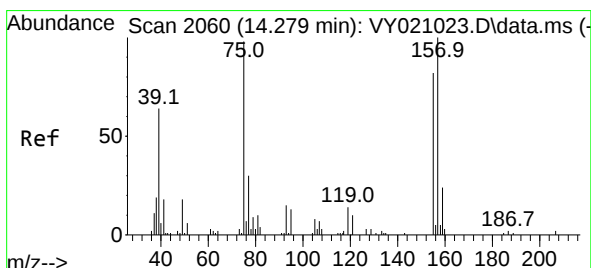
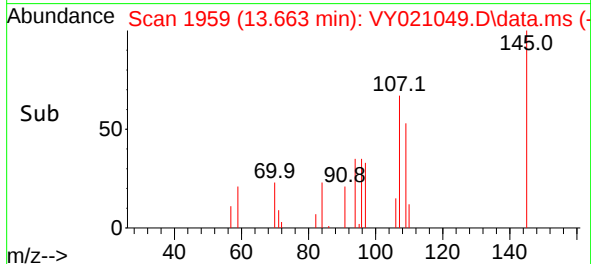
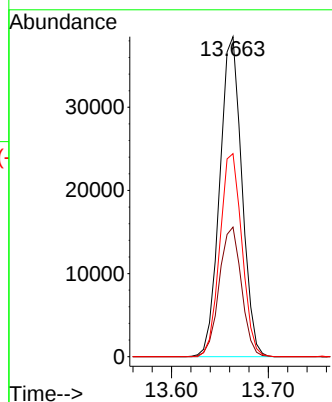
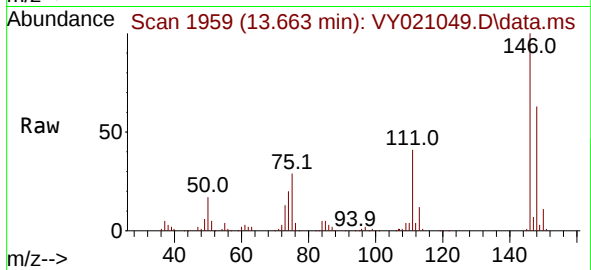




#91
1,2-Dichlorobenzene
Concen: 19.879 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

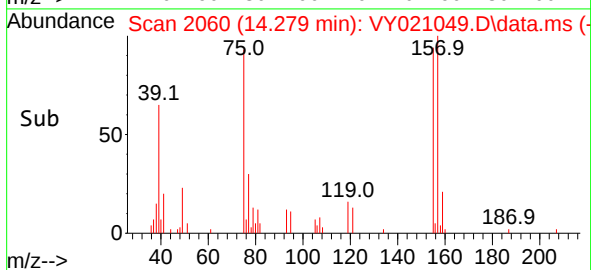
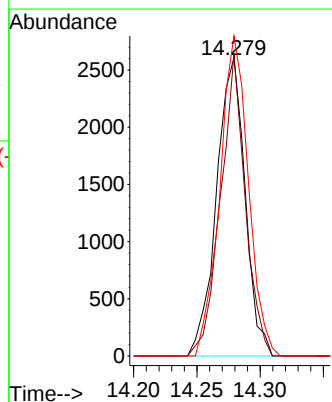
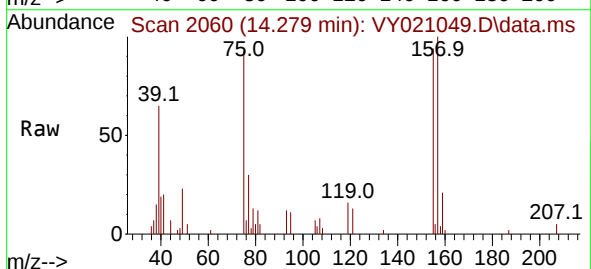
Instrument :
MSVOA_Y
ClientSampleId :

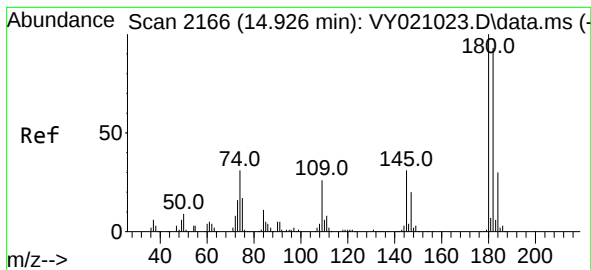
Tgt Ion:146 Resp: 60946
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.5 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.790 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021049.D
Acq: 04 Feb 2025 11:15

Tgt Ion: 75 Resp: 4096
Ion Ratio Lower Upper
75 100
155 87.5 42.1 126.3
157 107.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.093 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

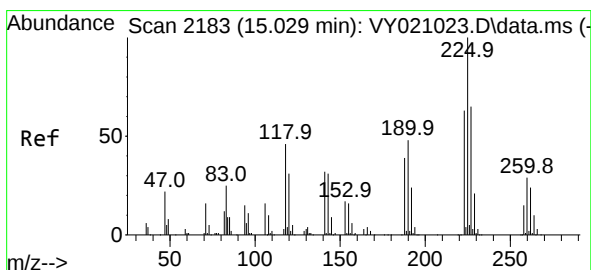
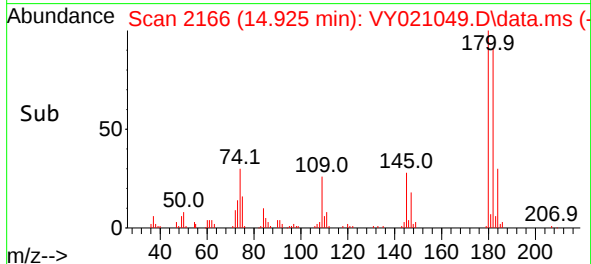
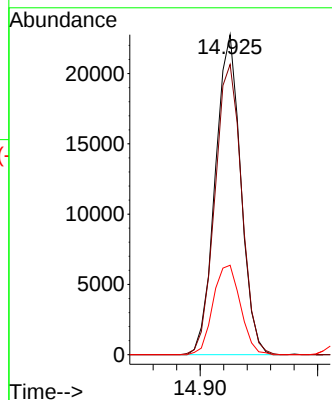
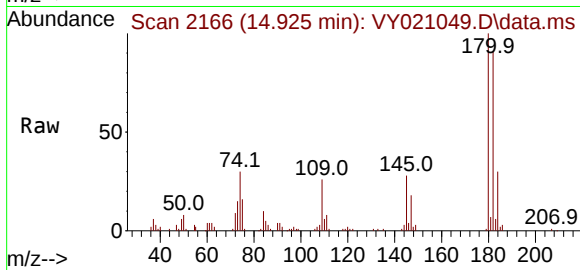
Tgt Ion:180 Resp: 34289

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.476 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

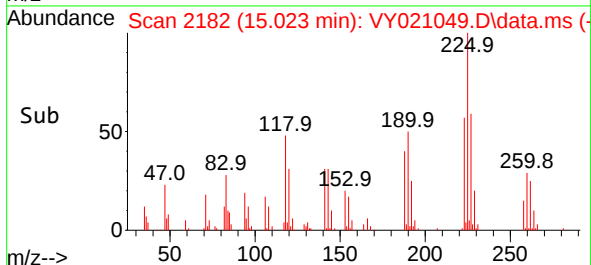
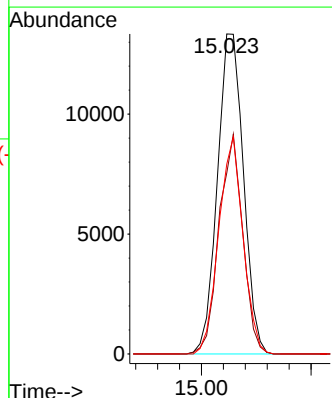
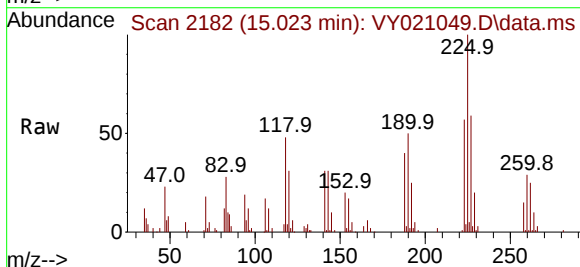
Tgt Ion:225 Resp: 22025

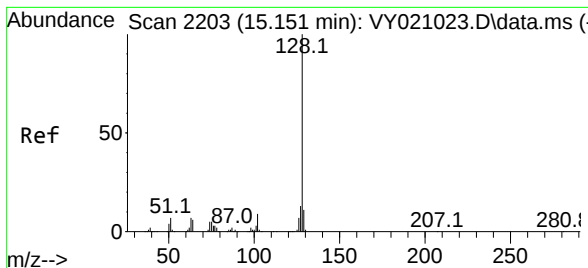
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.3

227 63.2 32.3 96.8





#95

Naphthalene

Concen: 20.529 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

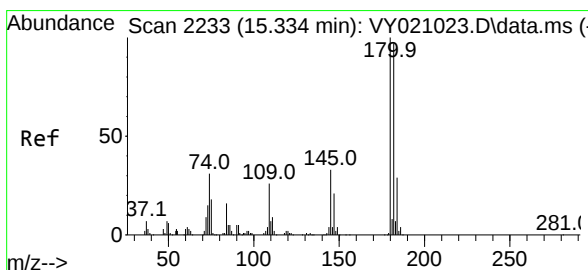
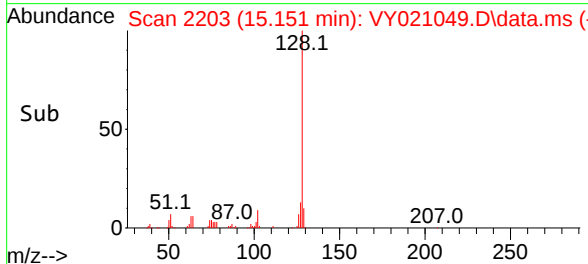
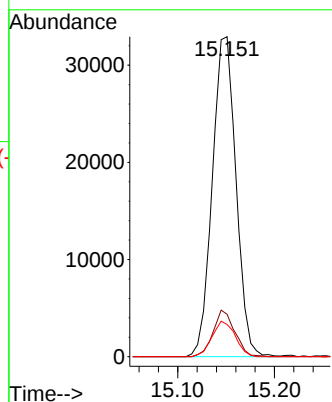
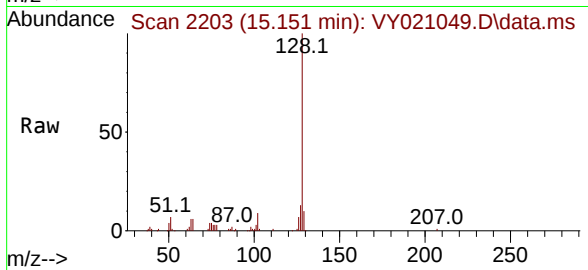
Tgt Ion:128 Resp: 56048

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.894 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021049.D

Acq: 04 Feb 2025 11:15

Tgt Ion:180 Resp: 29672

Ion Ratio Lower Upper

180 100

182 96.6 46.3 138.8

145 30.2 16.1 48.2

