

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021239.D
 Acq On : 19 Feb 2025 16:12
 Operator : SY/MD
 Sample : VY0219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Quant Time: Feb 20 00:18:45 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	7.719	168	181251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	290218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	117790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93836	50.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.640	113	91802	49.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.115	98	347329	49.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.413	95	118801	51.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48074	29.759	ug/l	99
3) Chloromethane	2.074	50	50147	31.458	ug/l	95
4) Vinyl Chloride	2.208	62	50723	31.613	ug/l	99
5) Bromomethane	2.598	94	31115	31.376	ug/l	88
6) Chloroethane	2.738	64	29872	31.276	ug/l	95
7) Trichlorofluoromethane	3.068	101	78460	26.841	ug/l	97
8) Diethyl Ether	3.464	74	23318	25.553	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	45694	24.907	ug/l	96
10) Methyl Iodide	4.019	142	54194	26.589	ug/l	94
11) Tert butyl alcohol	4.872	59	15187	120.681	ug/l #	90
12) 1,1-Dichloroethene	3.799	96	44254	25.607	ug/l	91
13) Acrolein	3.665	56	15311	79.010	ug/l	94
14) Allyl chloride	4.390	41	76674	26.325	ug/l	97
15) Acrylonitrile	5.067	53	45966	120.965	ug/l	99
16) Acetone	3.878	43	34611	119.511	ug/l	92
17) Carbon Disulfide	4.116	76	146249	26.987	ug/l	99
18) Methyl Acetate	4.397	43	23966	23.574	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	108859	24.922	ug/l	99
20) Methylene Chloride	4.622	84	46635	25.903	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	49225	25.877	ug/l	98
22) Diisopropyl ether	6.024	45	155698	25.935	ug/l	96
23) Vinyl Acetate	5.969	43	428905	128.157	ug/l	97
24) 1,1-Dichloroethane	5.927	63	90114	25.620	ug/l	99
25) 2-Butanone	6.902	43	57721	121.288	ug/l	97
26) 2,2-Dichloropropane	6.890	77	80600	24.765	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	55781	25.475	ug/l	93
28) Bromochloromethane	7.250	49	29587	21.272	ug/l	100
29) Tetrahydrofuran	7.274	42	38809	120.516	ug/l	94
30) Chloroform	7.426	83	91411	25.301	ug/l	100
31) Cyclohexane	7.707	56	81778	25.818	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	83847	24.962	ug/l	100
36) 1,1-Dichloropropene	7.841	75	67164	24.380	ug/l	99
37) Ethyl Acetate	6.994	43	27847	23.042	ug/l	99
38) Carbon Tetrachloride	7.823	117	75491	23.452	ug/l	96
39) Methylcyclohexane	9.115	83	83719	24.845	ug/l	98
40) Benzene	8.085	78	204009	25.235	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	12738	18.219	ug/l #	84
42) 1,2-Dichloroethane	8.164	62	54123	24.133	ug/l	97
43) Isopropyl Acetate	8.201	43	57470	23.932	ug/l #	85
44) Trichloroethene	8.871	130	50033	23.954	ug/l	99
45) 1,2-Dichloropropane	9.146	63	47316	24.658	ug/l	100
46) Dibromomethane	9.237	93	24650	23.201	ug/l	94
47) Bromodichloromethane	9.426	83	68094	23.898	ug/l	96
48) Methyl methacrylate	9.225	41	26339	24.079	ug/l	94
49) 1,4-Dioxane	9.237	88	4779	483.193	ug/l	95
51) 4-Methyl-2-Pentanone	10.005	43	139921	115.869	ug/l	97
52) Toluene	10.176	92	125677	24.758	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	60666	23.711	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	73134	24.142	ug/l	95
55) 1,1,2-Trichloroethane	10.578	97	32050	23.296	ug/l	96
56) Ethyl methacrylate	10.444	69	42865	23.290	ug/l	89
57) 1,3-Dichloropropane	10.725	76	57090	23.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	87528	99.963	ug/l	100
59) 2-Hexanone	10.767	43	88849	114.274	ug/l	96
60) Dibromochloromethane	10.920	129	44155	22.854	ug/l	98
61) 1,2-Dibromoethane	11.023	107	30288	23.503	ug/l	99
64) Tetrachloroethene	10.652	164	44018	24.013	ug/l	96
65) Chlorobenzene	11.450	112	132669	24.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	46138	23.612	ug/l	97
67) Ethyl Benzene	11.523	91	236421	24.310	ug/l	99
68) m/p-Xylenes	11.633	106	178366	49.026	ug/l	97
69) o-Xylene	11.962	106	83489	24.614	ug/l	98
70) Styrene	11.974	104	139081	24.601	ug/l	99
71) Bromoform	12.139	173	24722	22.730	ug/l #	96
73) Isopropylbenzene	12.261	105	223760	24.319	ug/l	100
74) N-amyl acetate	12.078	43	47627	23.676	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	35239	23.028	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46801	43.801	ug/l #	100
77) Bromobenzene	12.535	156	50995	24.017	ug/l	93
78) n-propylbenzene	12.602	91	269056	24.548	ug/l	99
79) 2-Chlorotoluene	12.682	91	153425	24.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	184317	24.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	11780	22.496	ug/l	93
82) 4-Chlorotoluene	12.785	91	158098	24.718	ug/l	98
83) tert-Butylbenzene	13.005	119	165259	24.372	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	181234	24.847	ug/l	99
85) sec-Butylbenzene	13.182	105	233714	23.944	ug/l	98
86) p-Isopropyltoluene	13.297	119	194762	24.021	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	98418	24.006	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	96681	23.950	ug/l	99
89) n-Butylbenzene	13.621	91	179602	24.281	ug/l	99
90) Hexachloroethane	13.889	117	39865	23.568	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	84730	23.811	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5172	22.617	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	47236	23.848	ug/l	98
94) Hexachlorobutadiene	15.029	225	30909	23.549	ug/l	99
95) Naphthalene	15.151	128	75504	23.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38462	23.334	ug/l	95

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

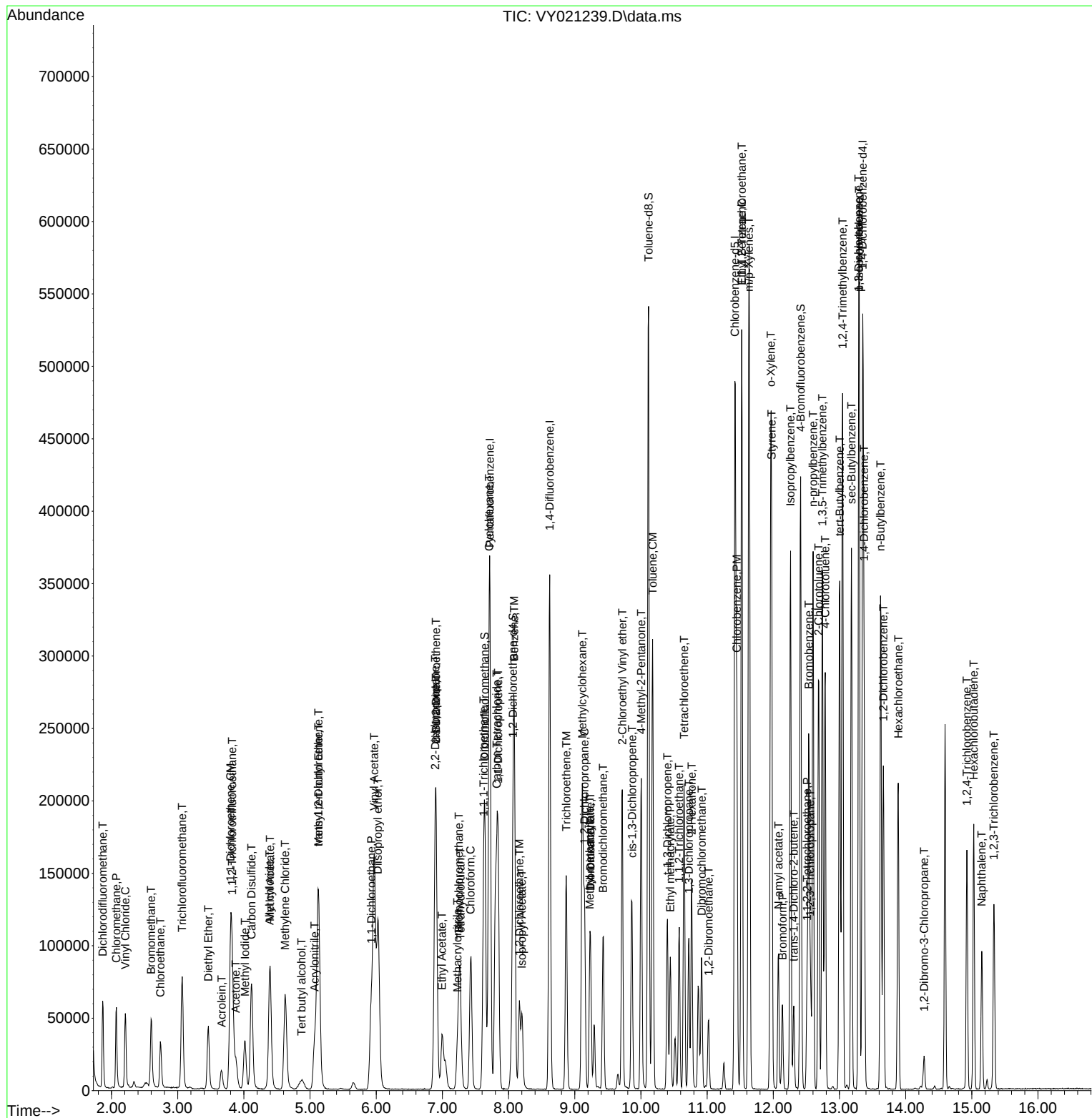
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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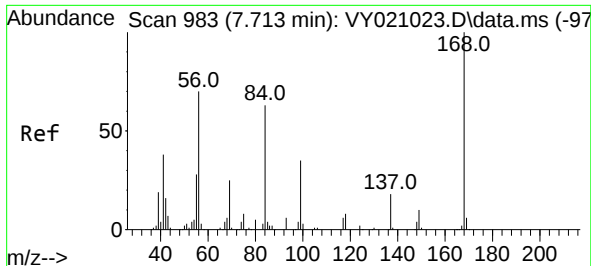
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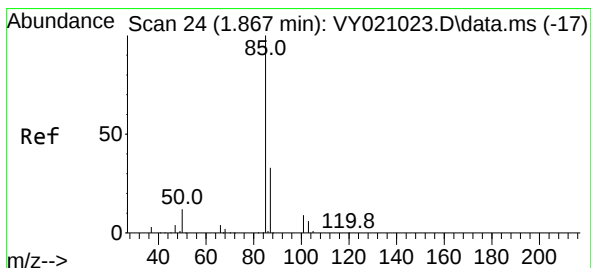
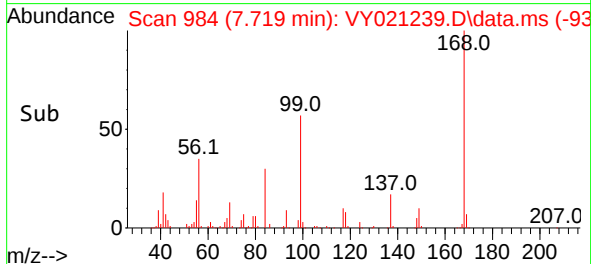
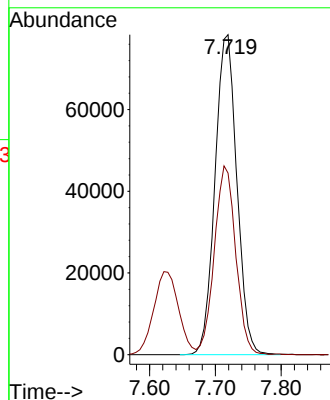
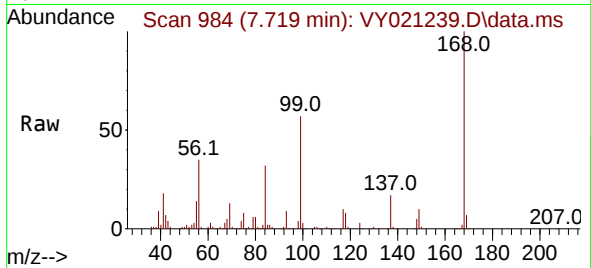




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021239.D
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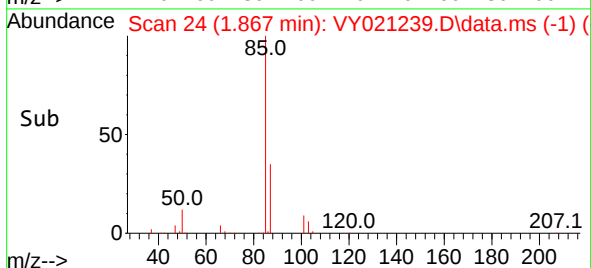
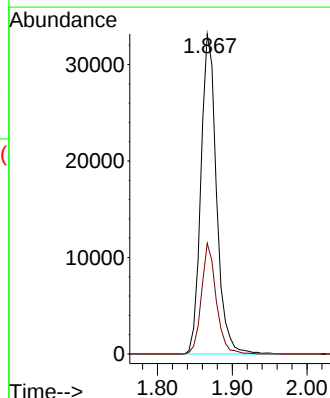
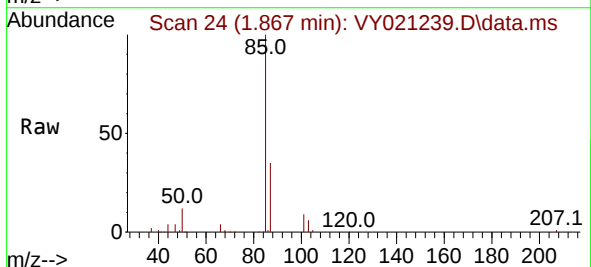
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

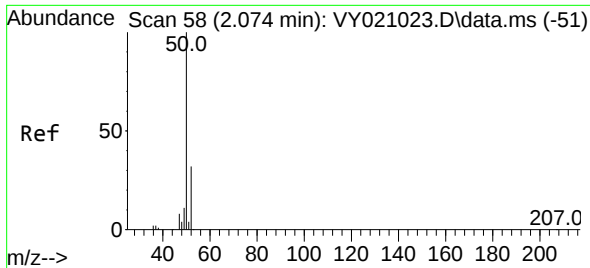
Tgt Ion:168 Resp: 181251
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 29.759 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 85 Resp: 48074
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.3

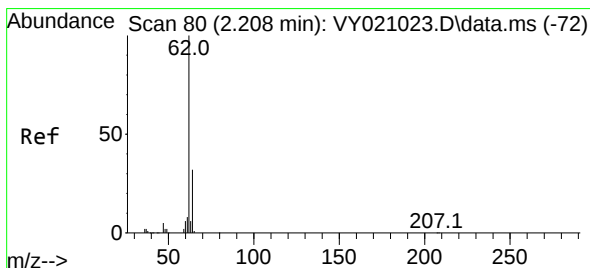
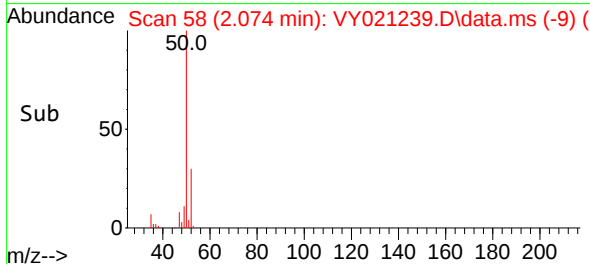
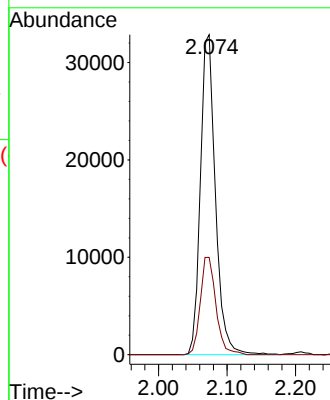
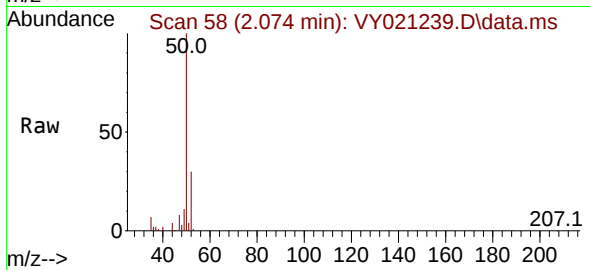




#3
Chloromethane
Concen: 31.458 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

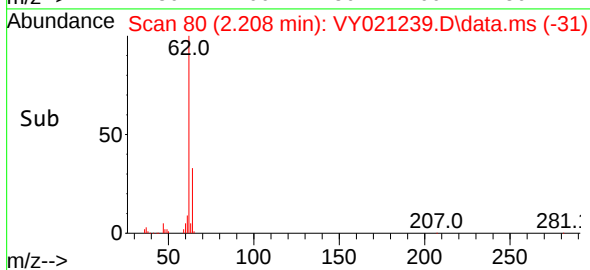
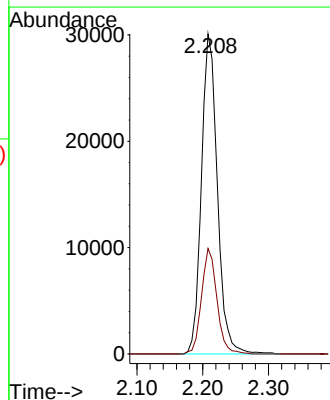
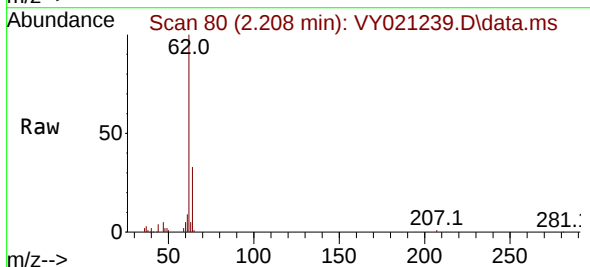
Instrument :
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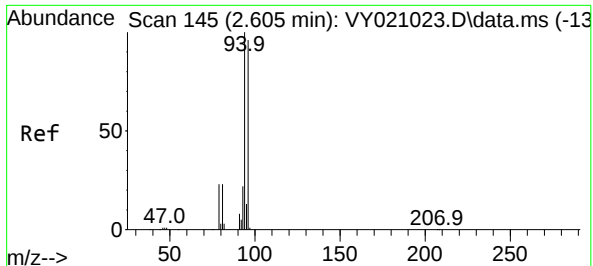
Tgt Ion: 50 Resp: 50147
Ion Ratio Lower Upper
50 100
52 30.4 26.7 40.1



#4
Vinyl Chloride
Concen: 31.613 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 62 Resp: 50723
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5

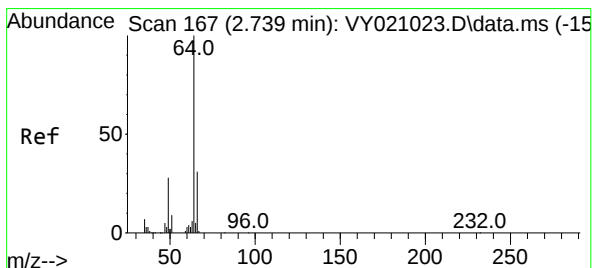
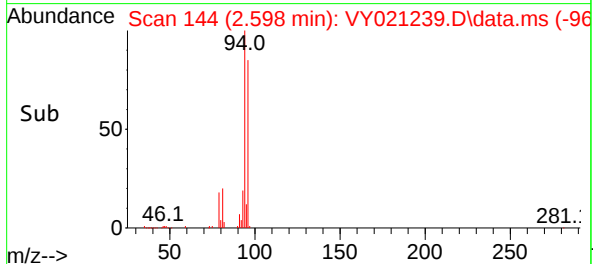
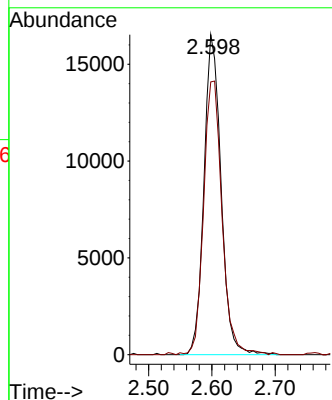
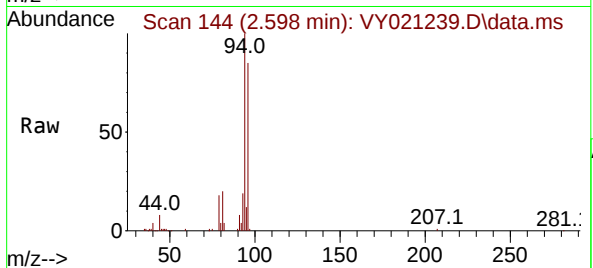




#5
Bromomethane
Concen: 31.376 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.007 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

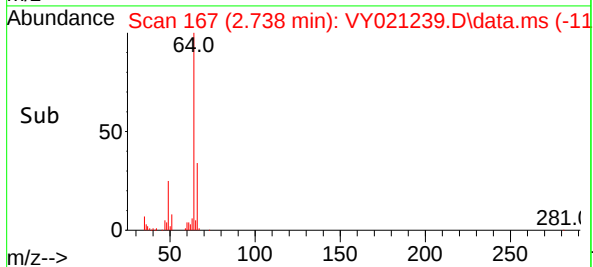
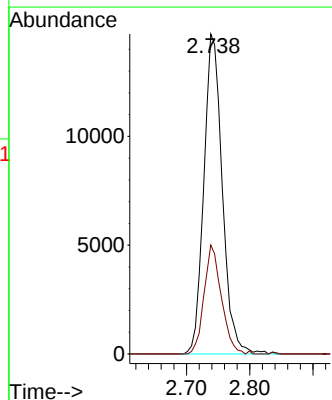
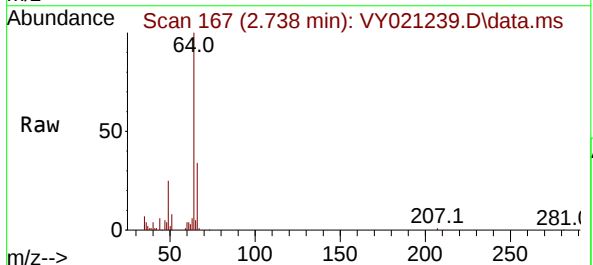
Instrument :
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Tgt Ion: 94 Resp: 31115
Ion Ratio Lower Upper
94 100
96 85.2 77.3 115.9



#6
Chloroethane
Concen: 31.276 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 64 Resp: 29872
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7

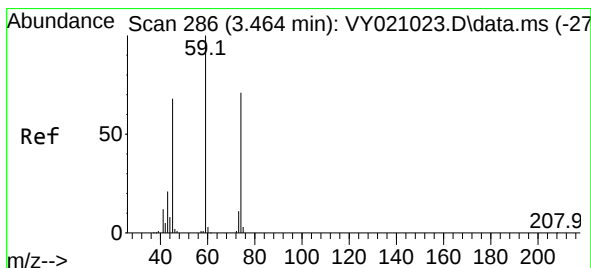
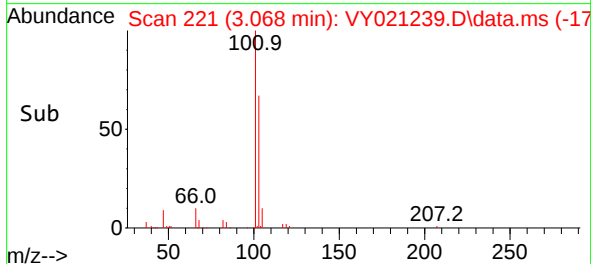
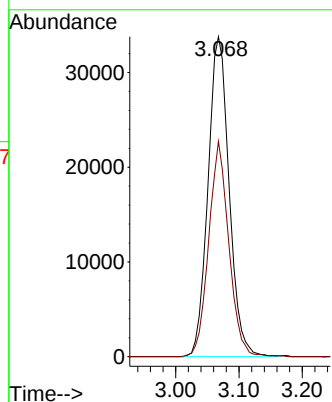
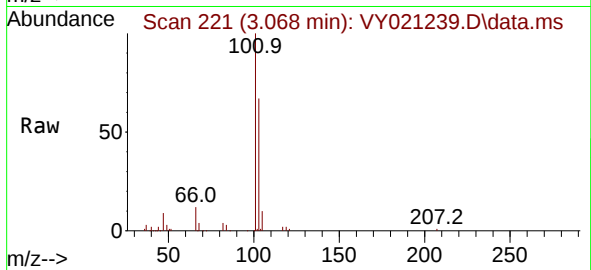




#7
 Trichlorofluoromethane
 Concen: 26.841 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

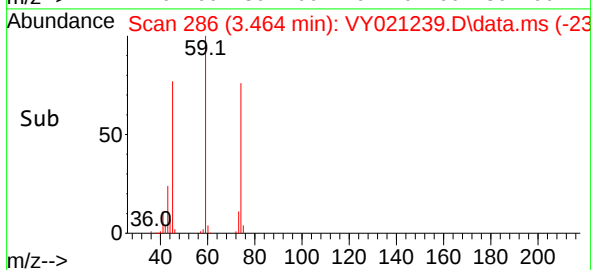
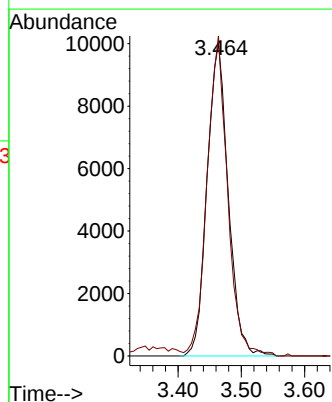
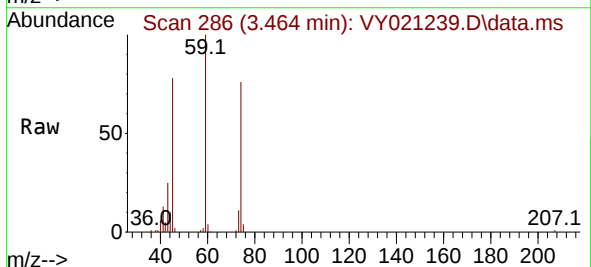
Instrument :
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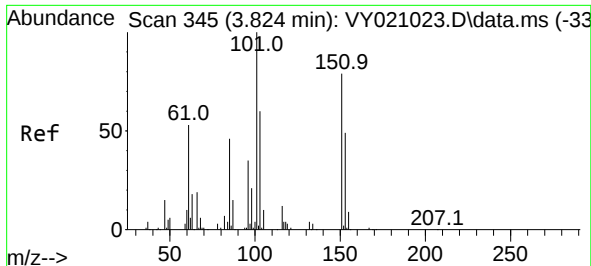
Tgt Ion:101 Resp: 78460
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 25.553 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion: 74 Resp: 23318
 Ion Ratio Lower Upper
 74 100
 45 98.9 47.9 143.7

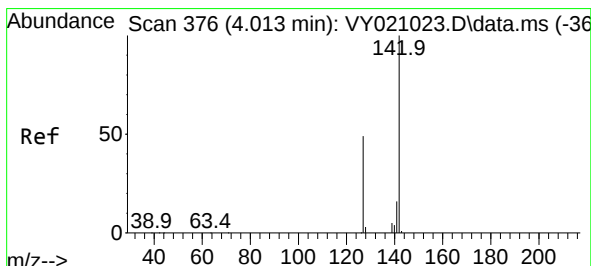
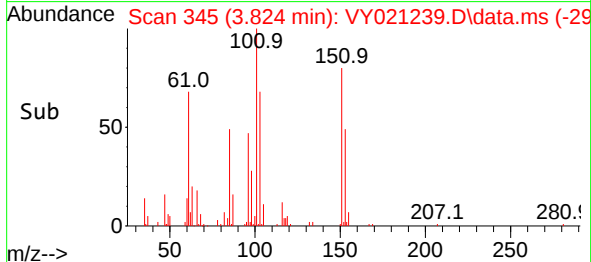
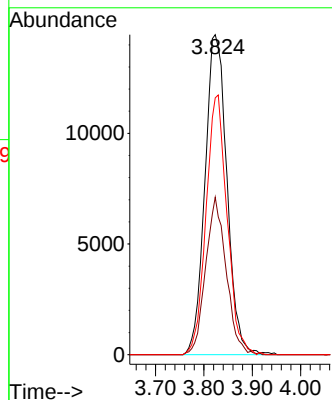
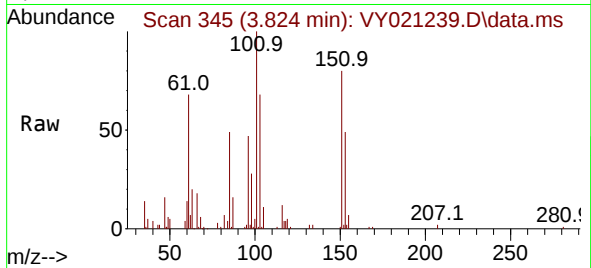




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.907 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

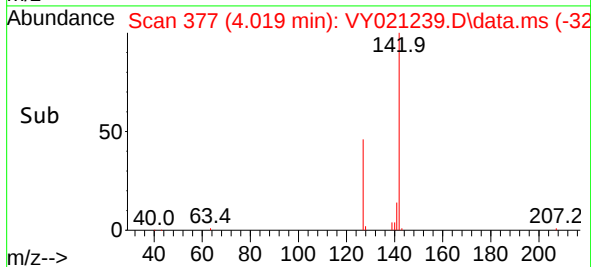
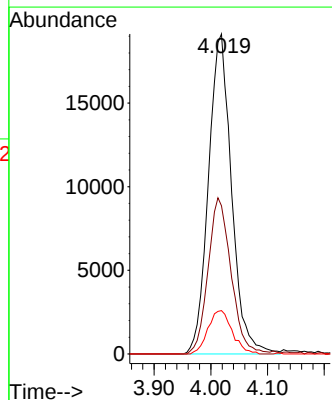
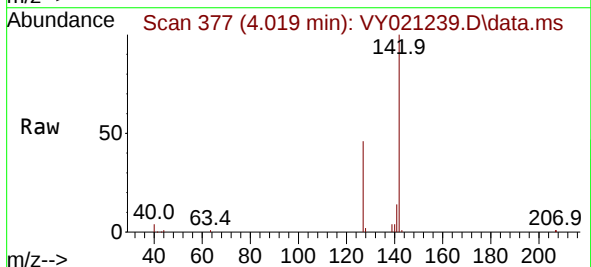
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

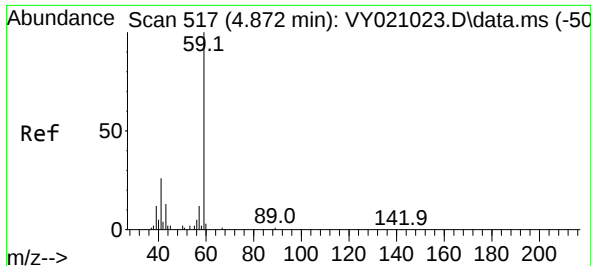
Tgt Ion:101 Resp: 45694
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 77.7 58.6 88.0



#10
Methyl Iodide
Concen: 26.589 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion:142 Resp: 54194
Ion Ratio Lower Upper
142 100
127 48.5 35.1 52.7
141 14.2 11.8 17.6

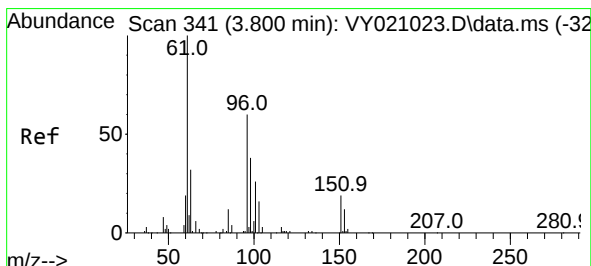
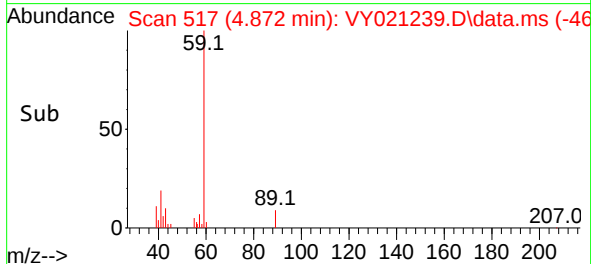
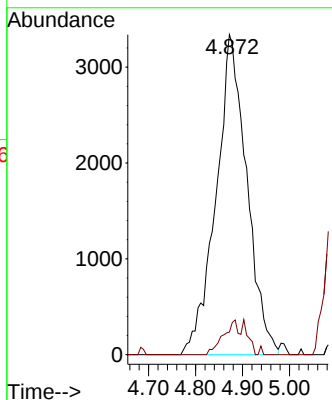
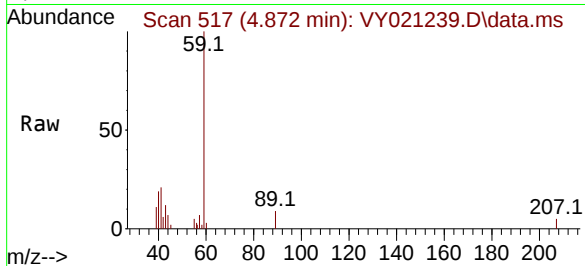




#11
Tert butyl alcohol
Concen: 120.681 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

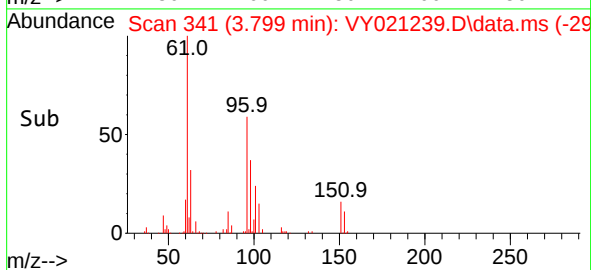
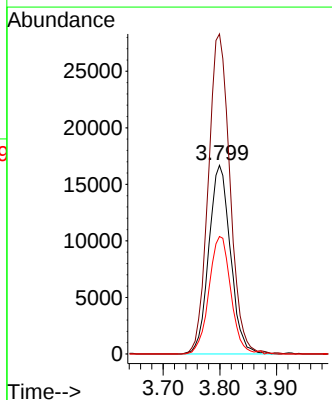
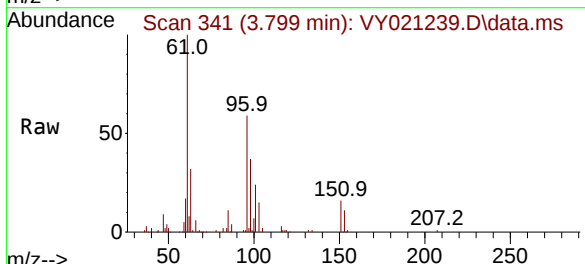
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

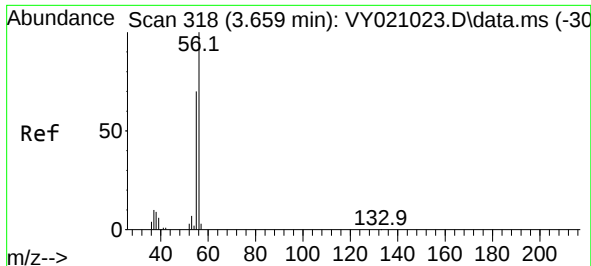
Tgt Ion: 59 Resp: 15187
Ion Ratio Lower Upper
59 100
57 5.6 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 25.607 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 96 Resp: 44254
Ion Ratio Lower Upper
96 100
61 169.6 124.2 186.2
98 62.2 52.6 79.0

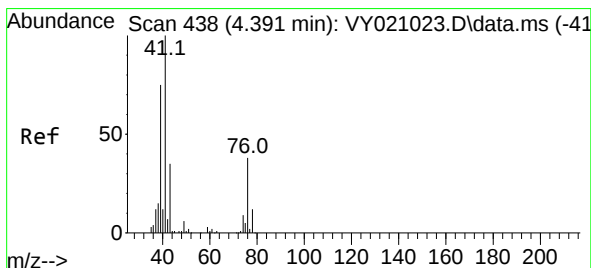
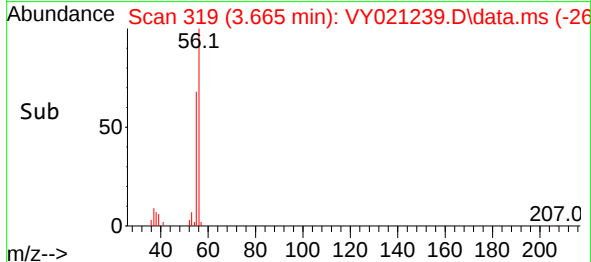
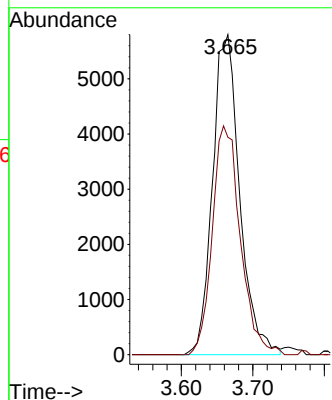
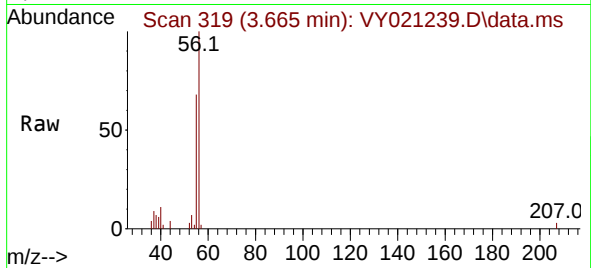




#13
Acrolein
Concen: 79.010 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

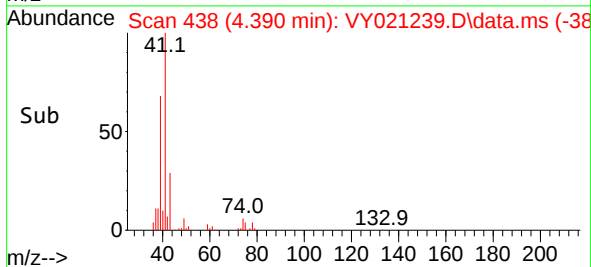
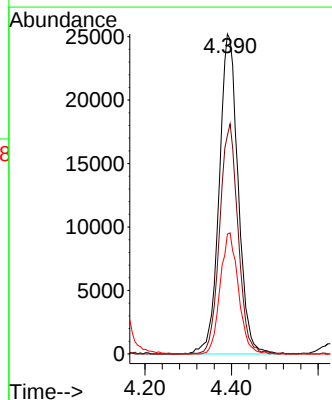
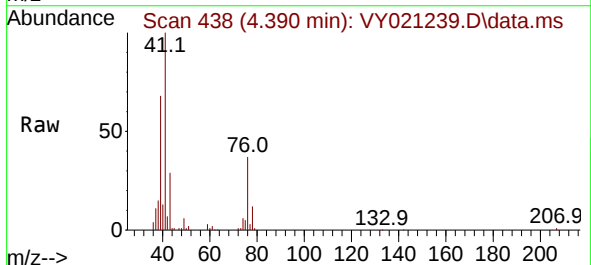
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

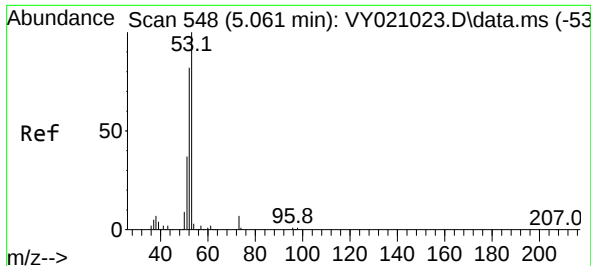
Tgt Ion: 56 Resp: 15311
Ion Ratio Lower Upper
56 100
55 73.7 55.4 83.0



#14
Allyl chloride
Concen: 26.325 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 41 Resp: 76674
Ion Ratio Lower Upper
41 100
39 70.0 54.7 82.1
76 36.4 31.8 47.6





#15

Acrylonitrile

Concen: 120.965 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBSD01

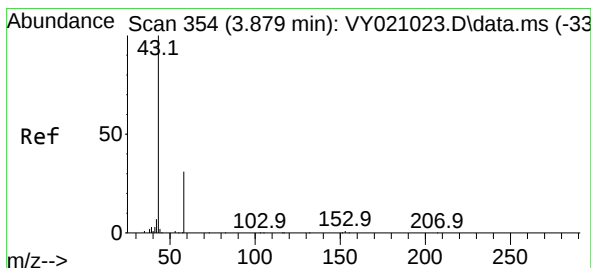
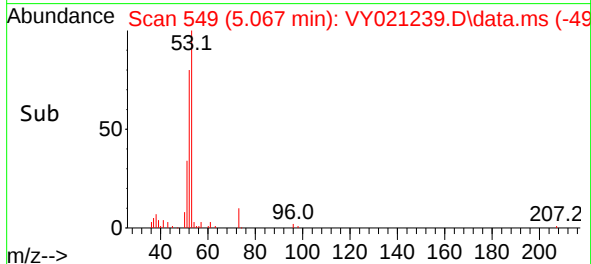
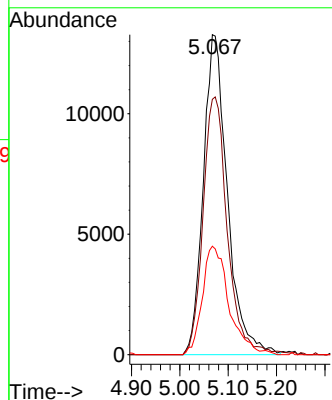
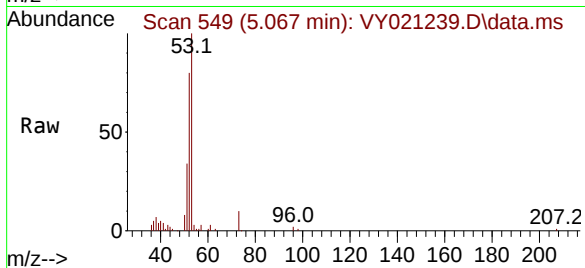
Tgt Ion: 53 Resp: 45966

Ion Ratio Lower Upper

53 100

52 81.5 65.1 97.7

51 37.6 29.0 43.4



#16

Acetone

Concen: 119.511 ug/l

RT: 3.878 min Scan# 354

Delta R.T. -0.000 min

Lab File: VY021239.D

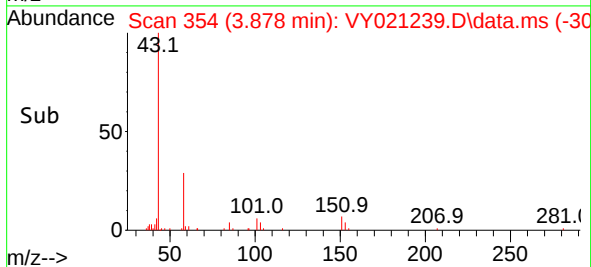
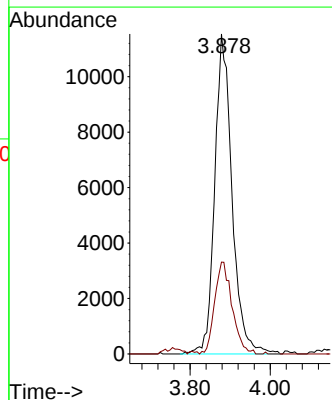
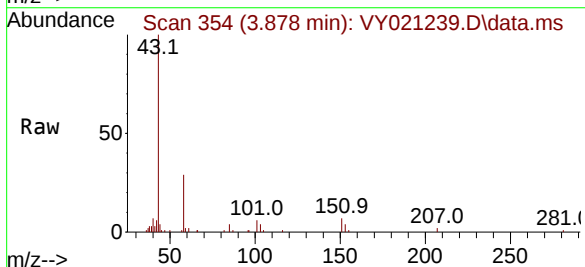
Acq: 19 Feb 2025 16:12

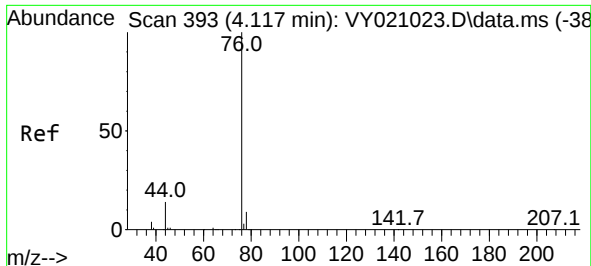
Tgt Ion: 43 Resp: 34611

Ion Ratio Lower Upper

43 100

58 28.7 26.6 39.8

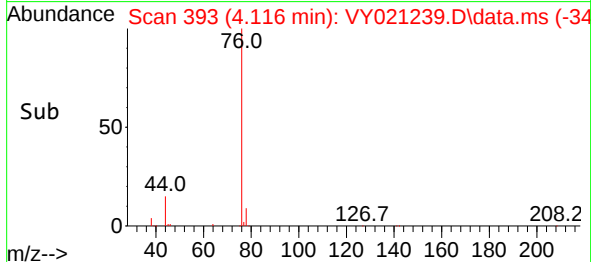
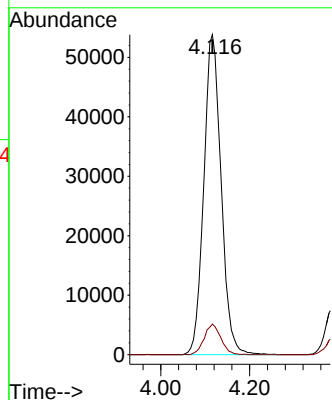
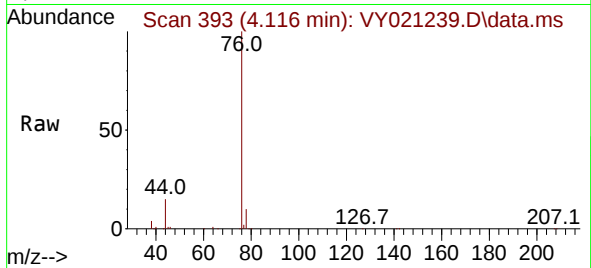




#17
Carbon Disulfide
Concen: 26.987 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

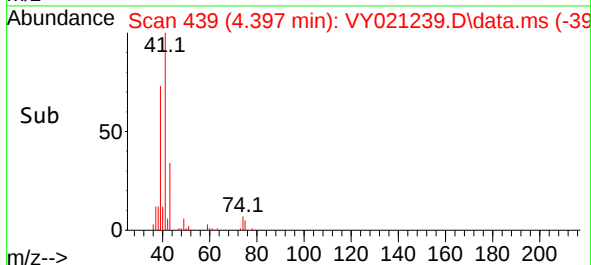
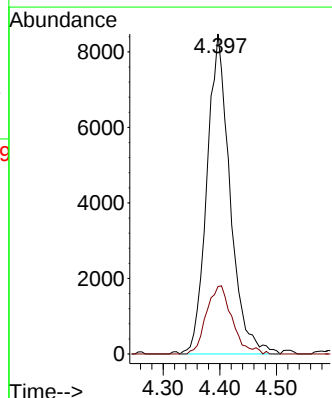
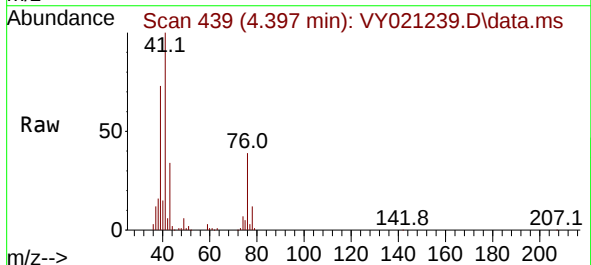
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

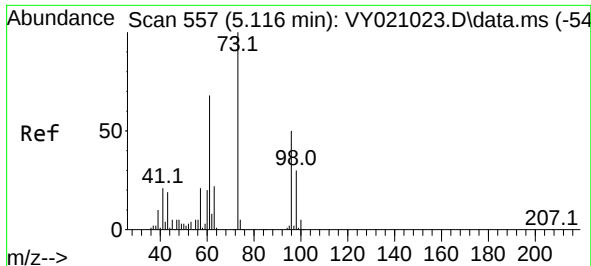
Tgt Ion: 76 Resp: 146249
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 23.574 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 43 Resp: 23966
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

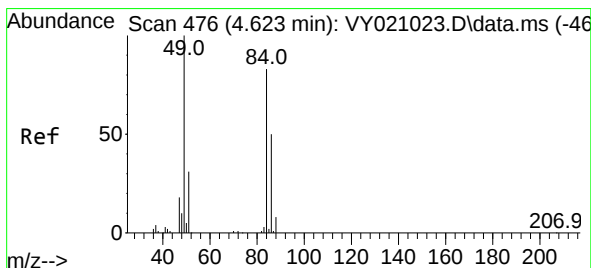
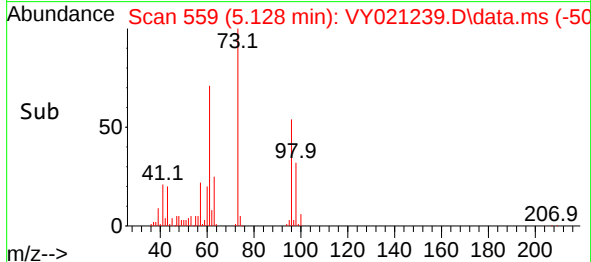
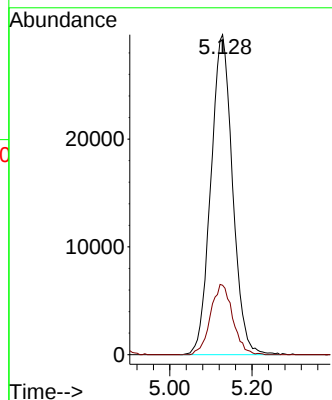
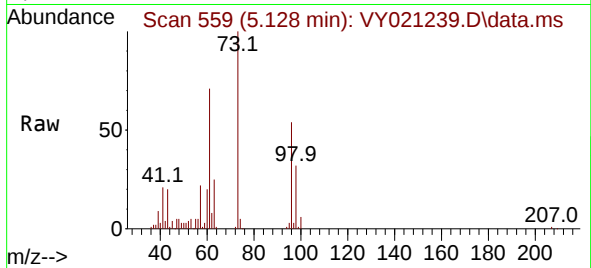




#19
Methyl tert-butyl Ether
Concen: 24.922 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

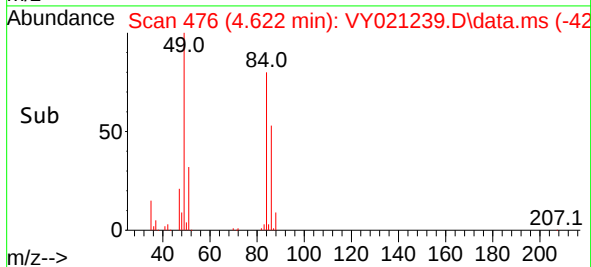
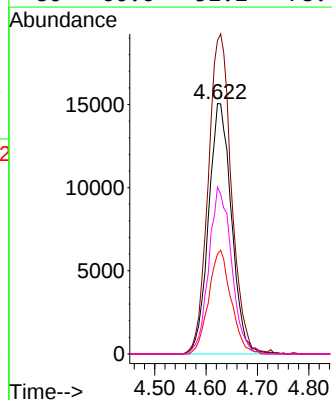
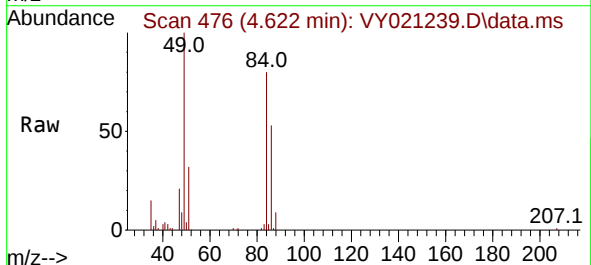
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

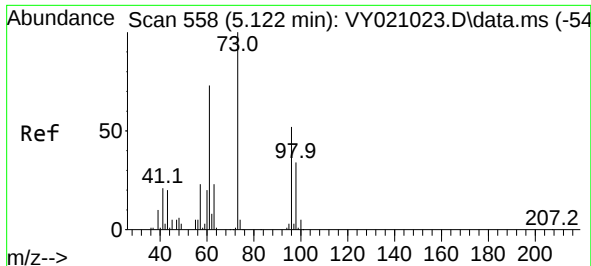
Tgt Ion: 73 Resp: 108859
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 25.903 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 84 Resp: 46635
Ion Ratio Lower Upper
84 100
49 125.2 95.2 142.8
51 39.9 29.9 44.9
86 66.6 52.2 78.4

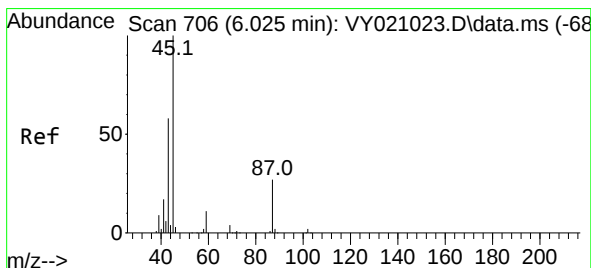
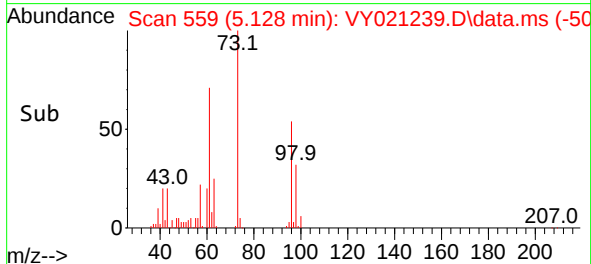
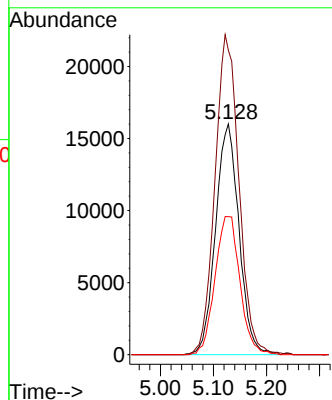
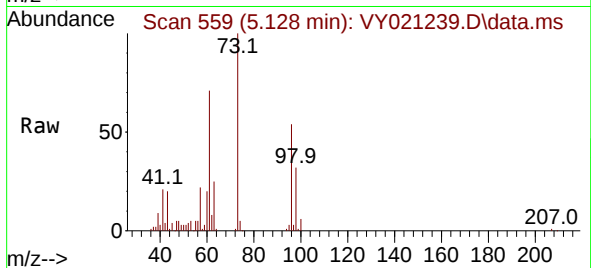




#21
trans-1,2-Dichloroethene
Concen: 25.877 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

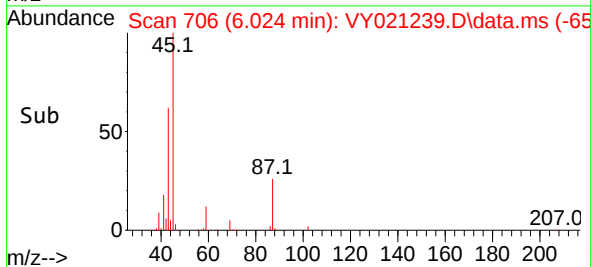
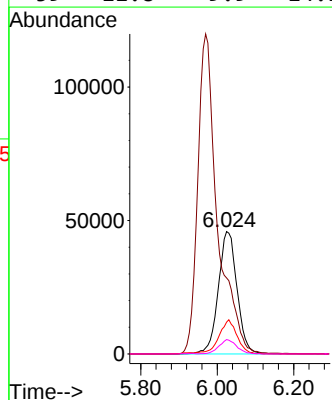
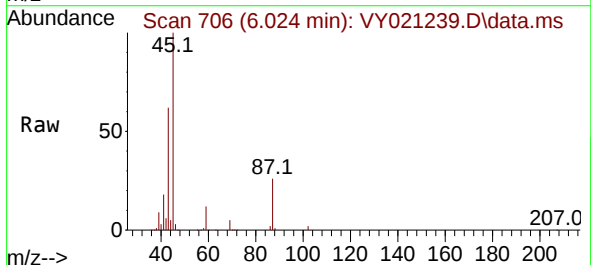
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

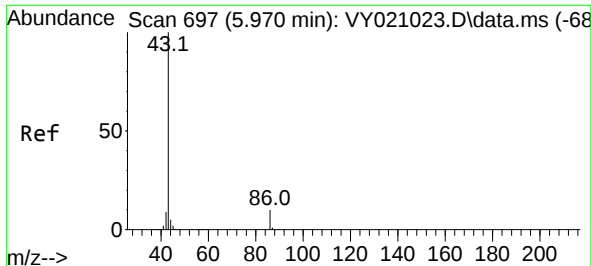
Tgt Ion: 96 Resp: 49225
Ion Ratio Lower Upper
96 100
61 131.9 104.6 156.8
98 59.9 50.9 76.3



#22
Diisopropyl ether
Concen: 25.935 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 45 Resp: 155698
Ion Ratio Lower Upper
45 100
43 61.8 46.8 70.2
87 26.1 22.2 33.2
59 11.8 9.9 14.9

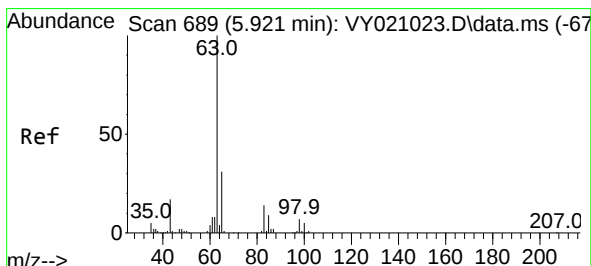
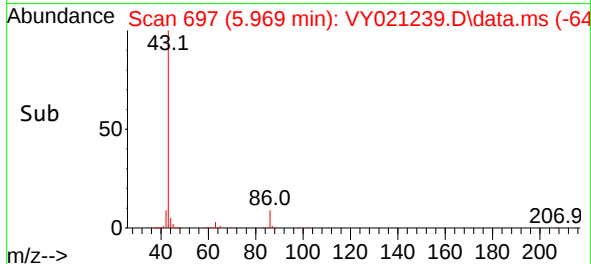
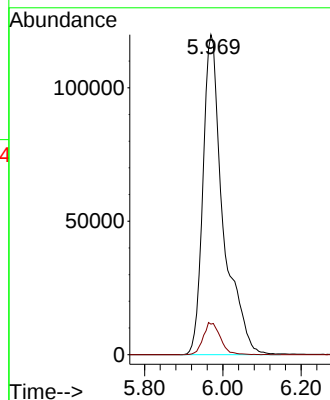
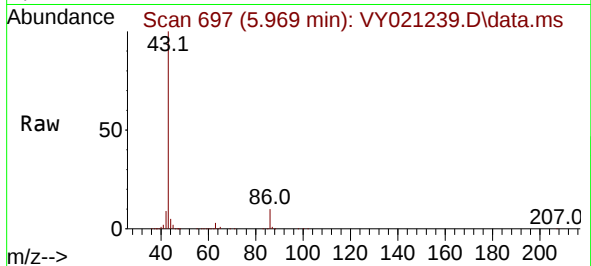




#23
 Vinyl Acetate
 Concen: 128.157 ug/l
 RT: 5.969 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

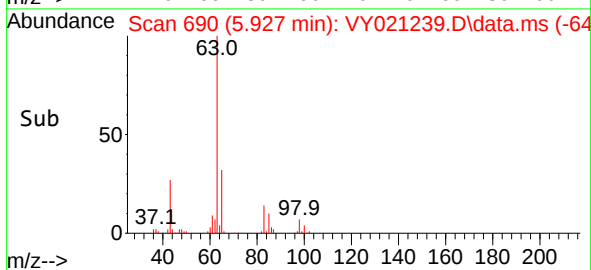
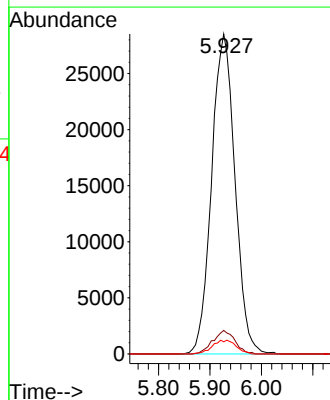
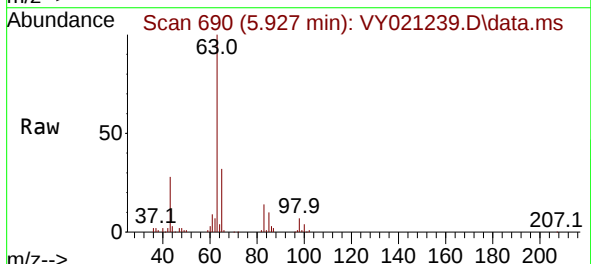
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

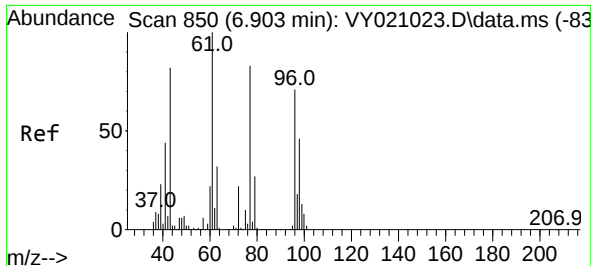
Tgt Ion: 43 Resp: 428905
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 25.620 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion: 63 Resp: 90114
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 3.8 2.1 6.2





#25

2-Butanone

Concen: 121.288 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

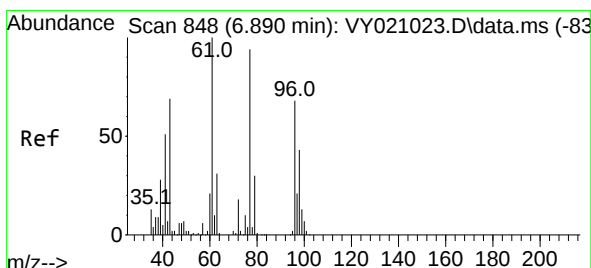
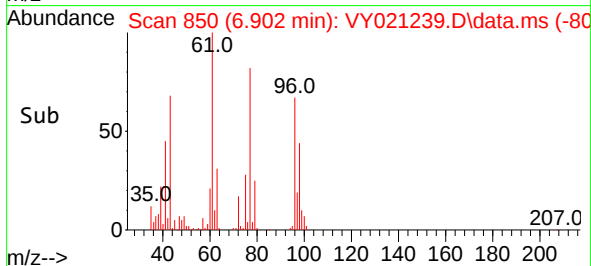
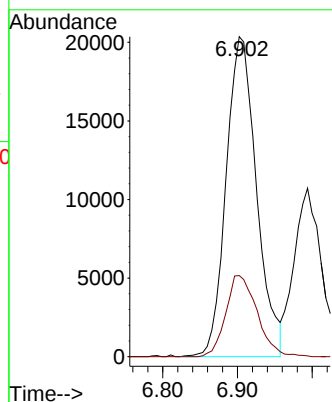
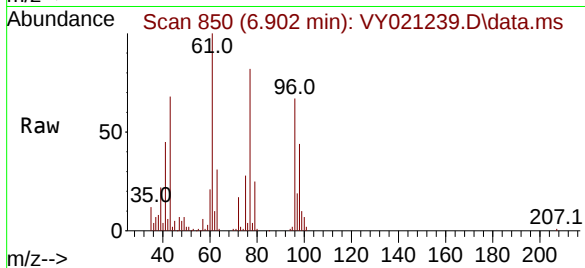
VY0219SBS01

Tgt Ion: 43 Resp: 57721

Ion Ratio Lower Upper

43 100

72 25.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 24.765 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021239.D

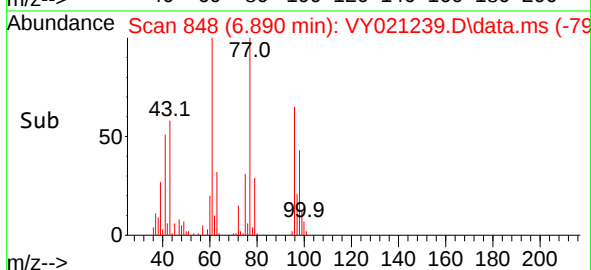
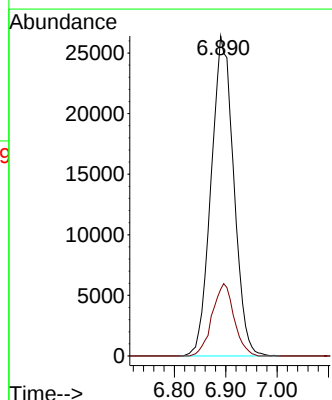
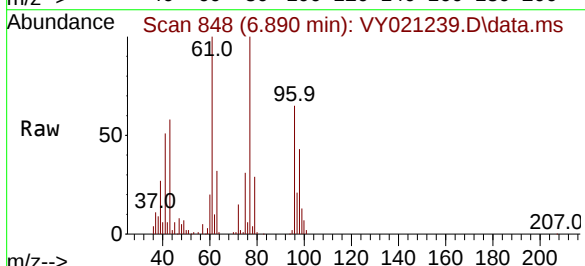
Acq: 19 Feb 2025 16:12

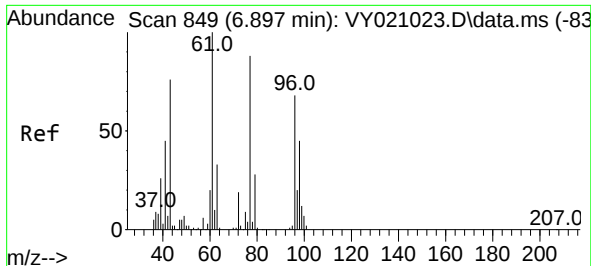
Tgt Ion: 77 Resp: 80600

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0



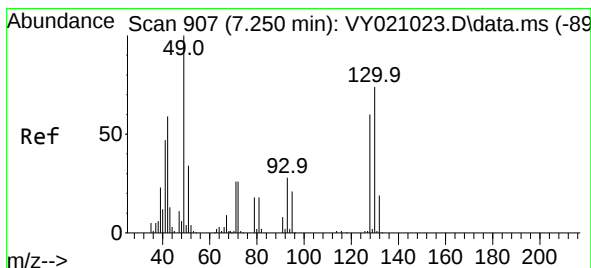
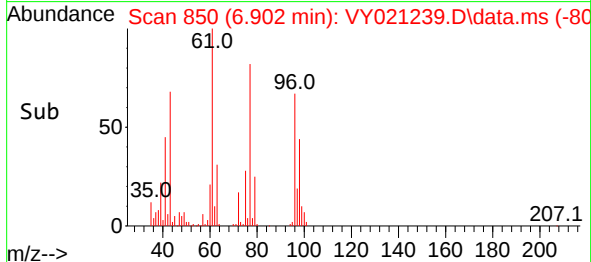
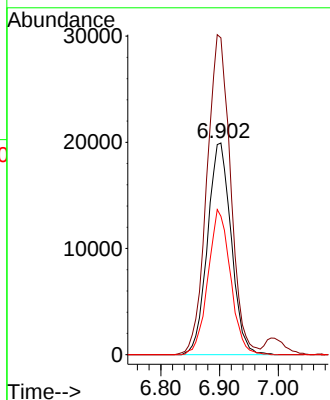
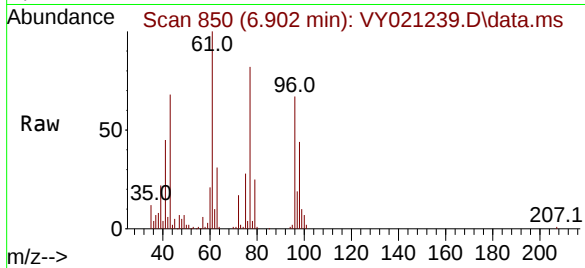


#27
 cis-1,2-Dichloroethene
 Concen: 25.475 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBSD01

Tgt Ion: 96 Resp: 55781

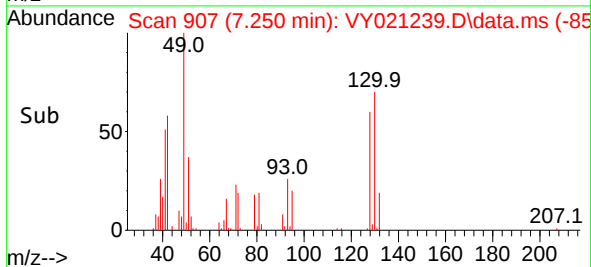
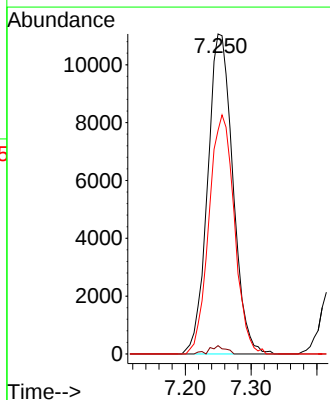
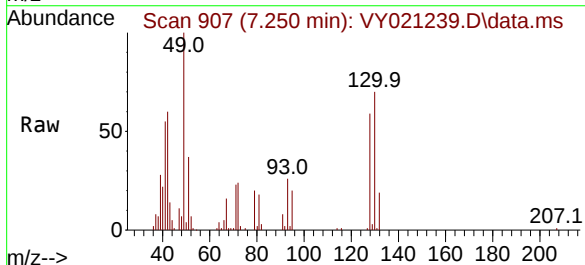
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	278.8
98	65.1	0.0	127.0

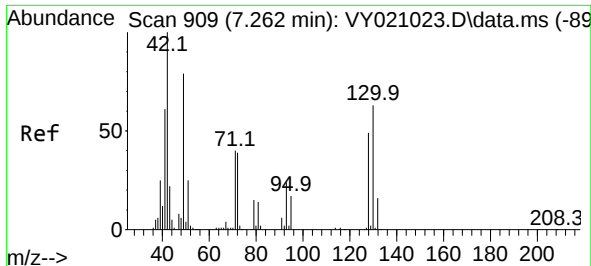


#28
 Bromochloromethane
 Concen: 21.272 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion: 49 Resp: 29587

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	75.2	59.8	89.8





#29

Tetrahydrofuran

Concen: 120.516 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

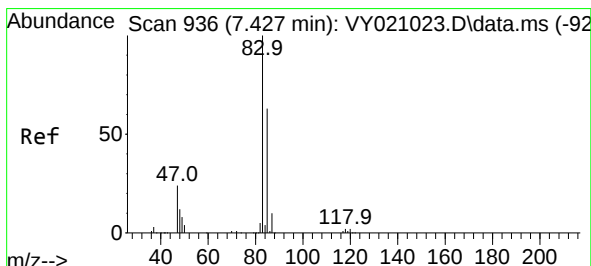
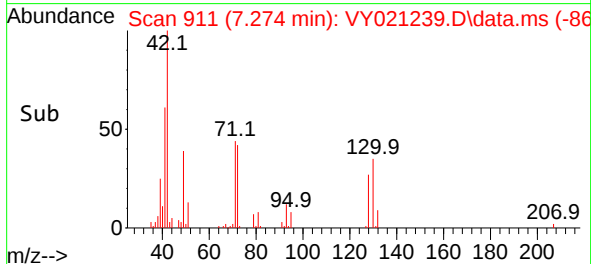
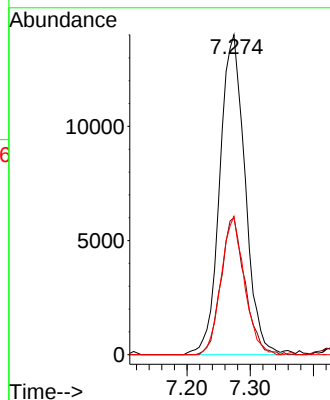
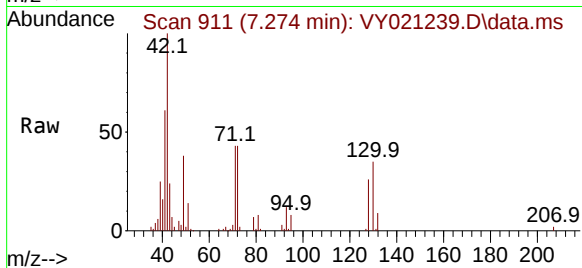
Tgt Ion: 42 Resp: 38809

Ion Ratio Lower Upper

42 100

72 40.7 36.6 54.8

71 40.0 33.8 50.6



#30

Chloroform

Concen: 25.301 ug/l

RT: 7.426 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021239.D

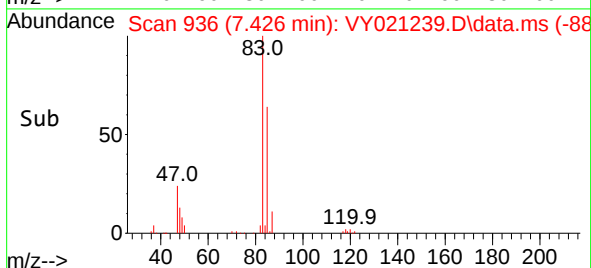
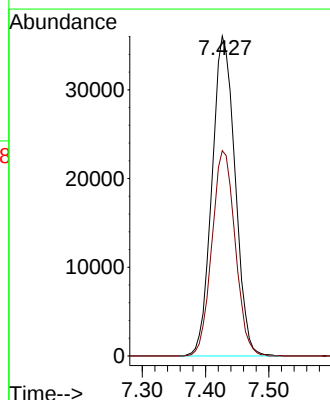
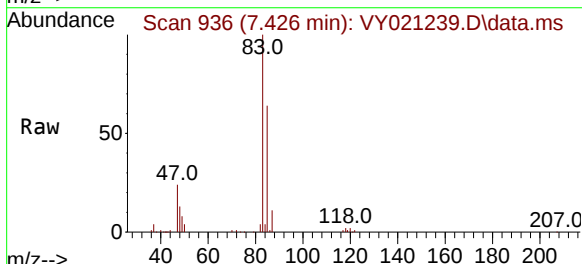
Acq: 19 Feb 2025 16:12

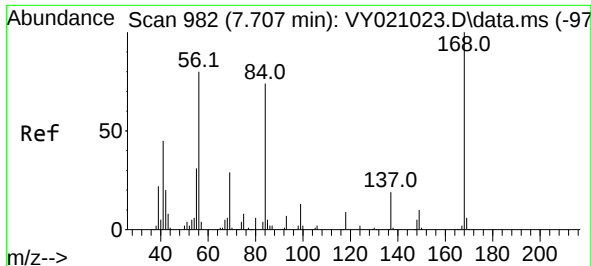
Tgt Ion: 83 Resp: 91411

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

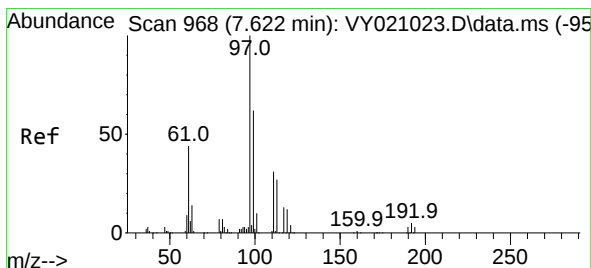
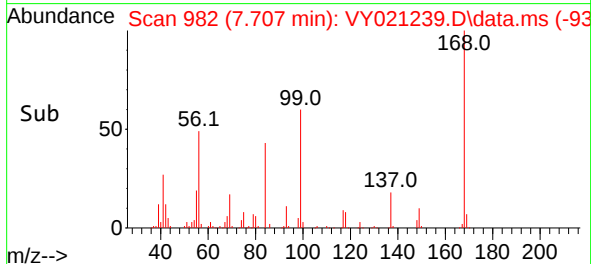
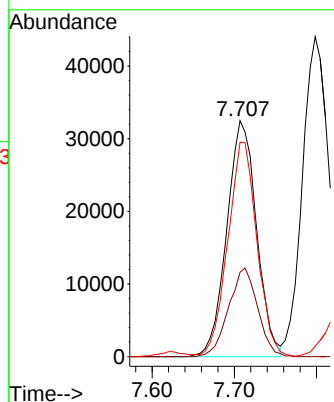
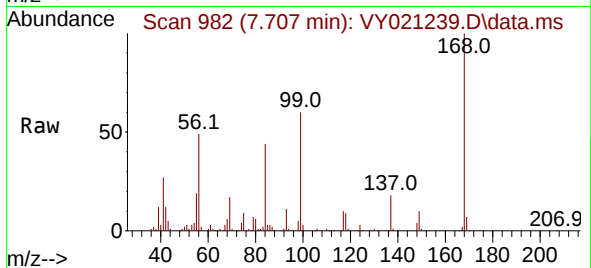




#31
Cyclohexane
Concen: 25.818 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

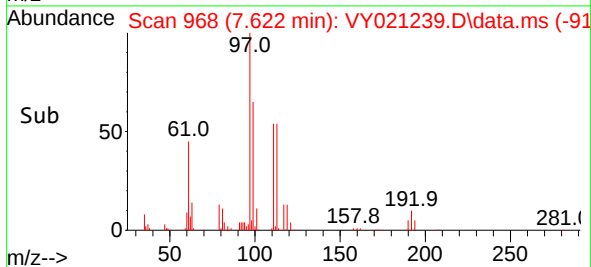
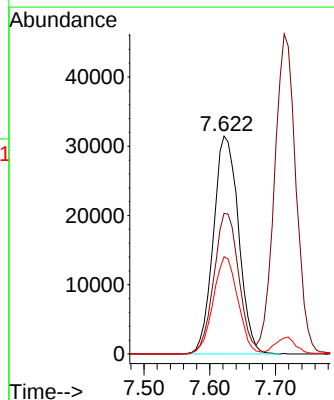
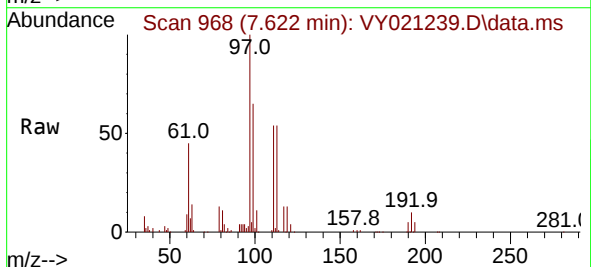
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

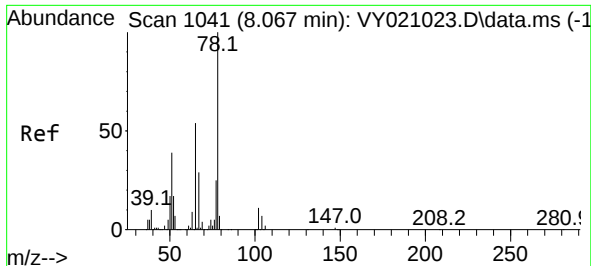
Tgt Ion: 56 Resp: 81778
Ion Ratio Lower Upper
56 100
69 35.8 27.0 40.6
84 89.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 24.962 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 97 Resp: 83847
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.529 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

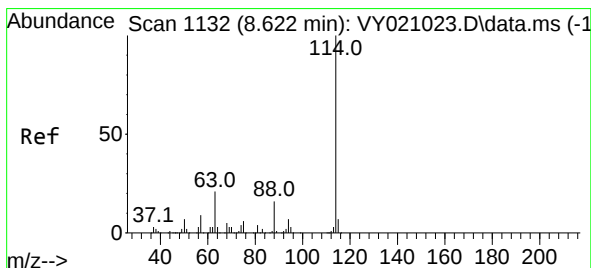
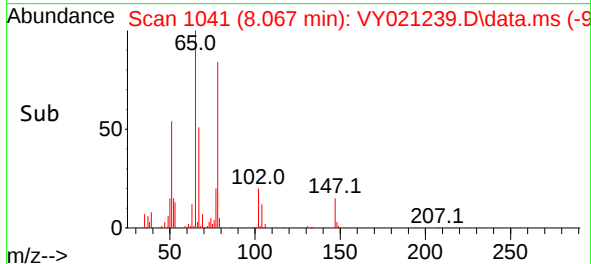
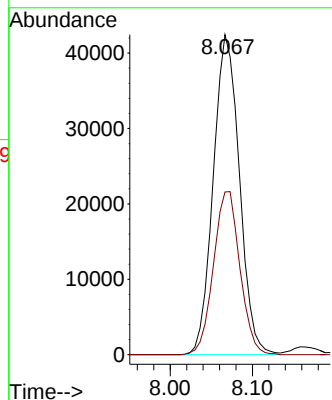
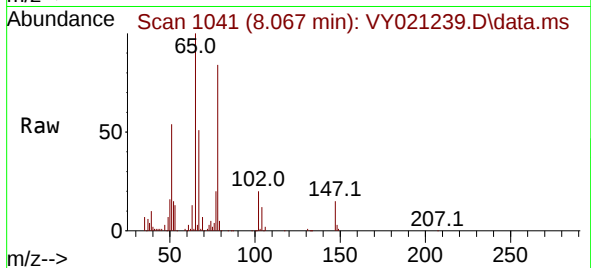
VY0219SBS01

Tgt Ion: 65 Resp: 93836

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

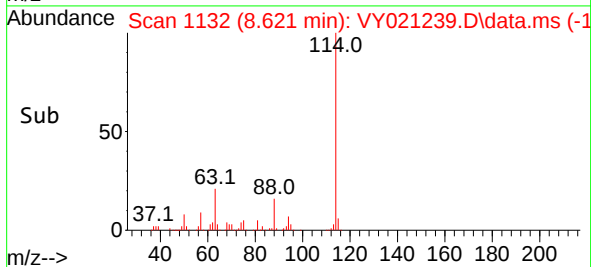
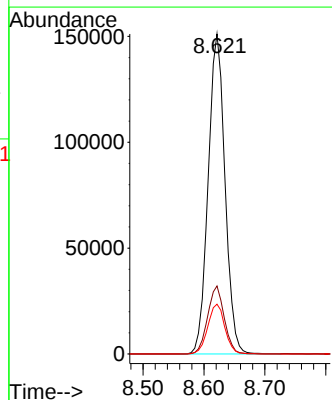
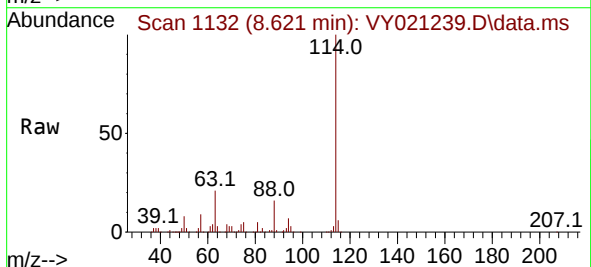
Tgt Ion:114 Resp: 290218

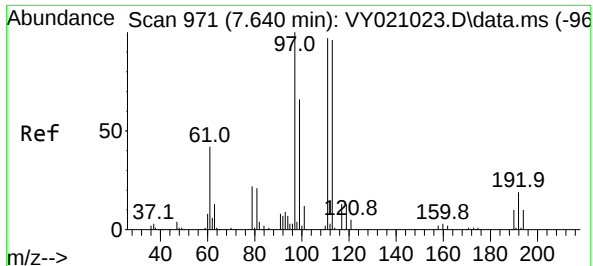
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.6 0.0 29.0

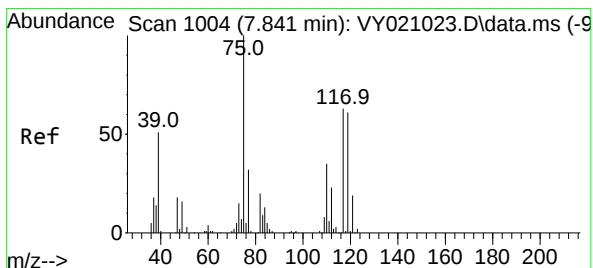
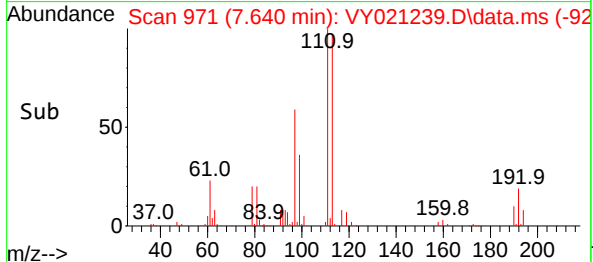
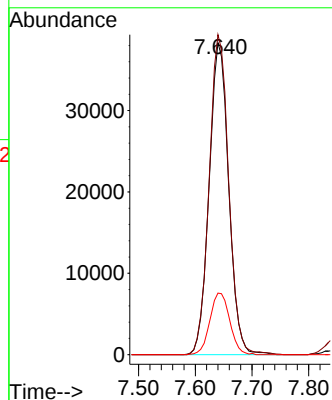
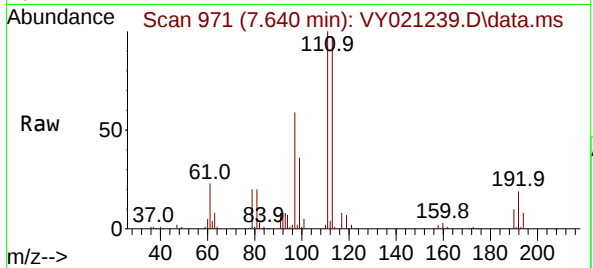




#35
Dibromofluoromethane
Concen: 49.358 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

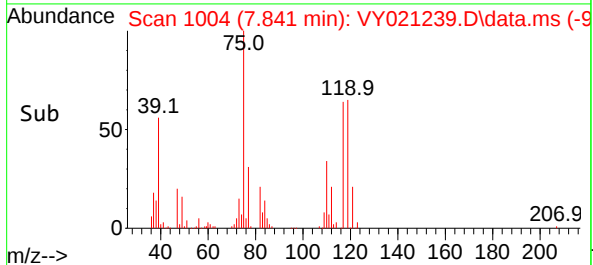
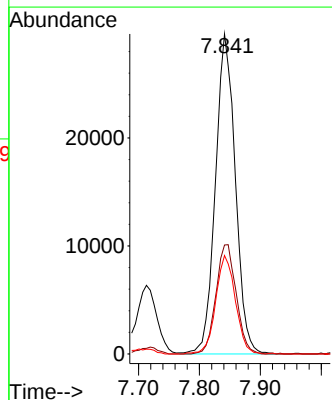
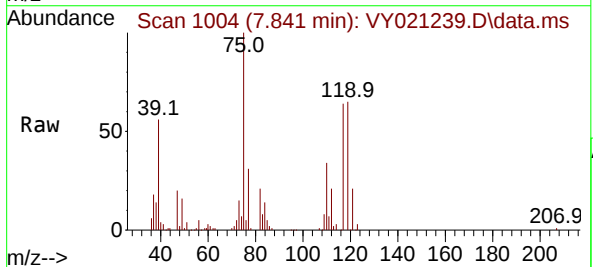
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

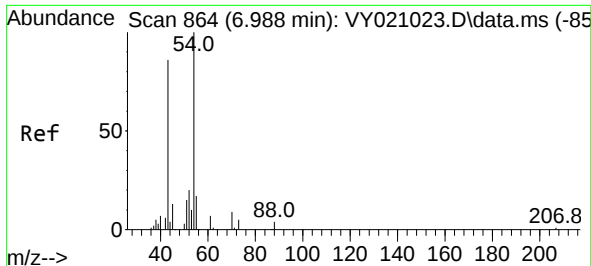
Tgt Ion:113 Resp: 91802
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 20.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 24.380 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 75 Resp: 67164
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 30.4 24.7 37.1

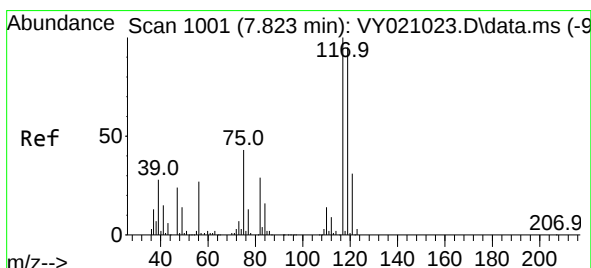
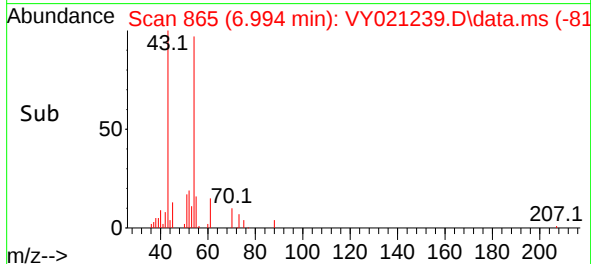
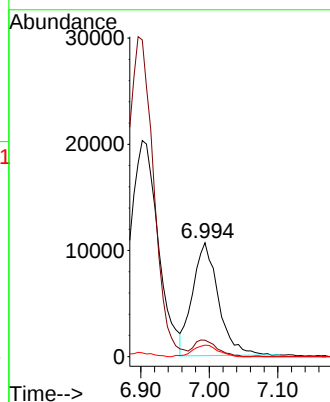
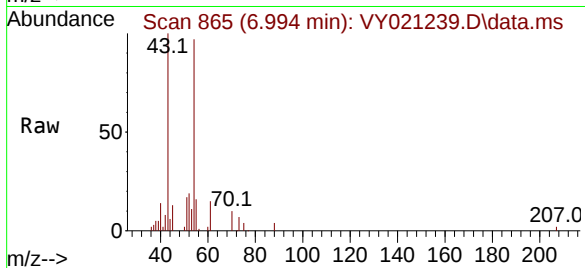




#37
Ethyl Acetate
Concen: 23.042 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

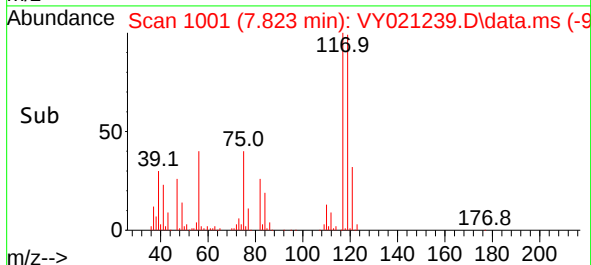
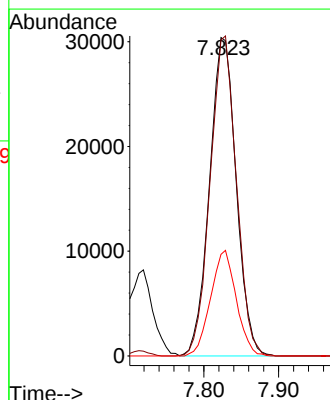
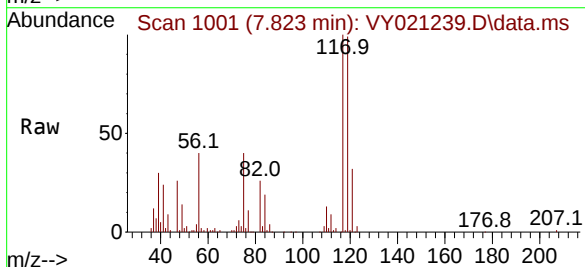
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

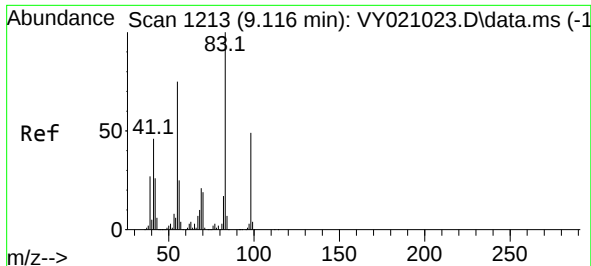
Tgt Ion: 43 Resp: 27847
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 23.452 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 117 Resp: 75491
Ion Ratio Lower Upper
117 100
119 99.3 76.0 114.0
121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 24.845 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

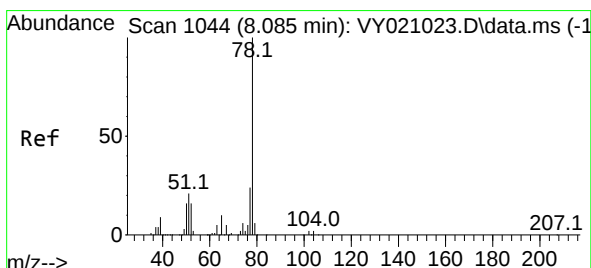
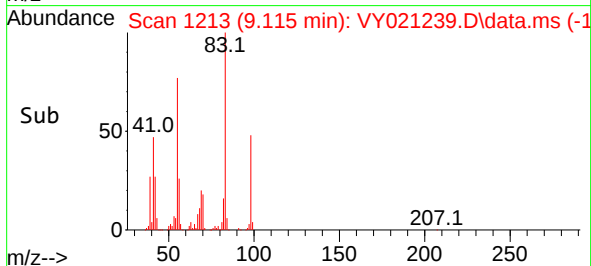
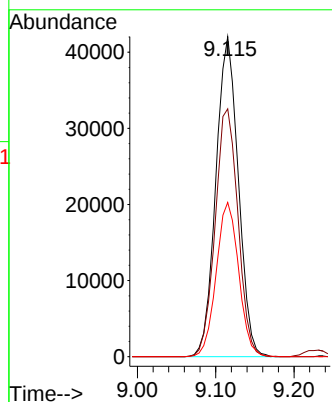
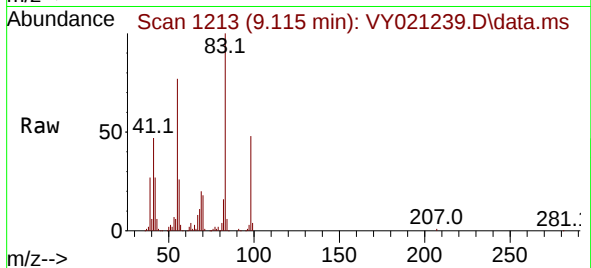
Tgt Ion: 83 Resp: 83719

Ion Ratio Lower Upper

83 100

55 77.5 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 25.235 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021239.D

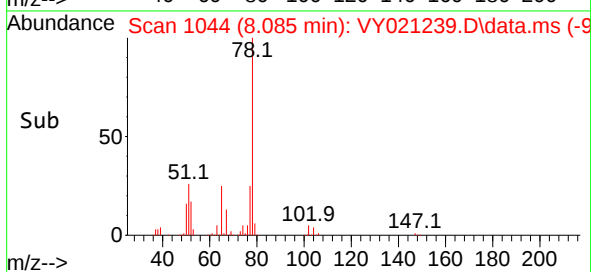
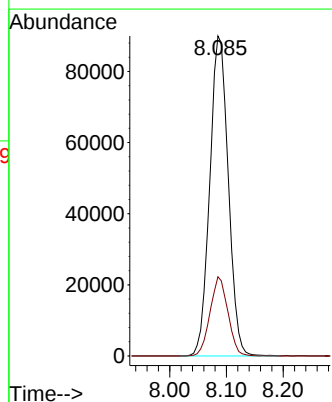
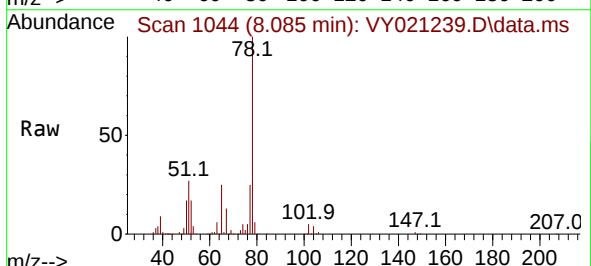
Acq: 19 Feb 2025 16:12

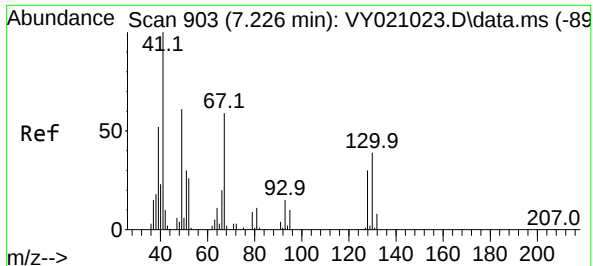
Tgt Ion: 78 Resp: 204009

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2

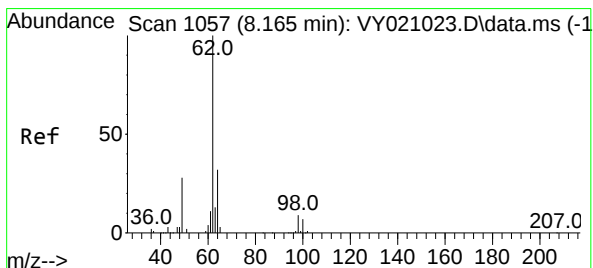
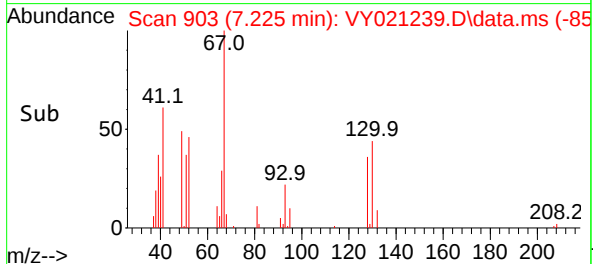
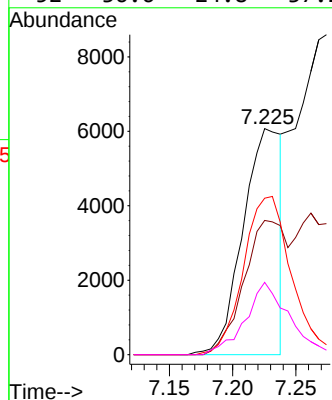
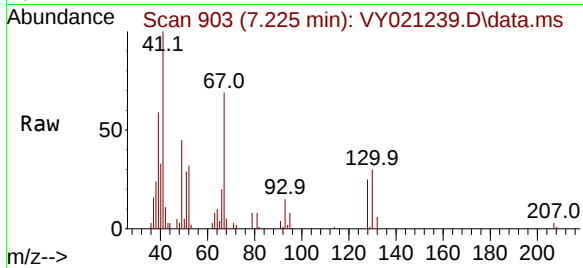




#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

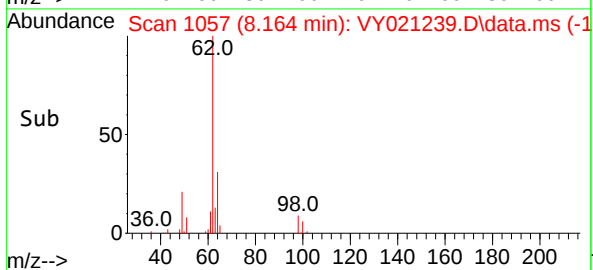
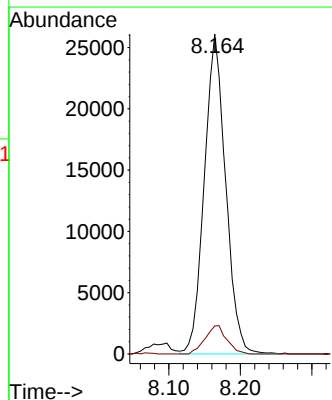
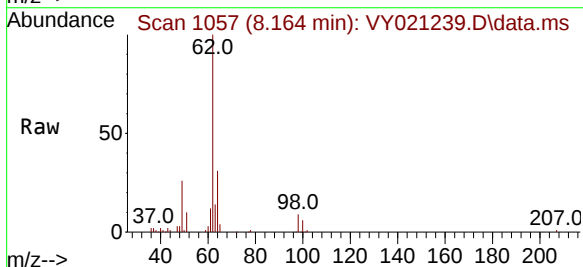
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

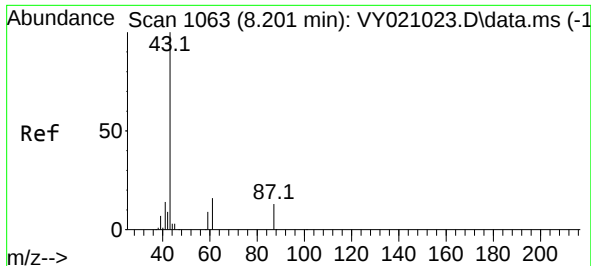
Tgt Ion:	41	Resp:	12738
Ion	Ratio	Lower	Upper
41	100		
39	66.4	41.9	62.9#
67	88.2	59.8	89.6
52	36.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 24.133 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion:	62	Resp:	54123
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 23.932 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

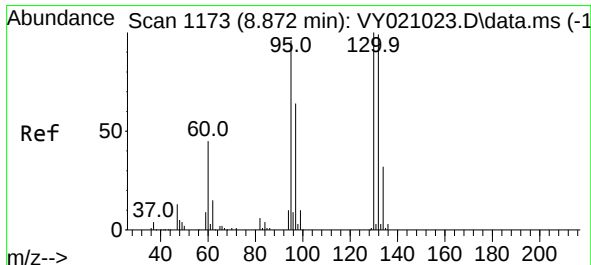
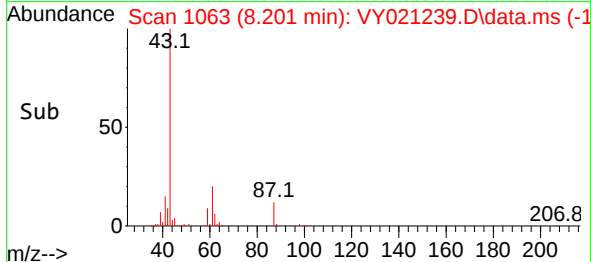
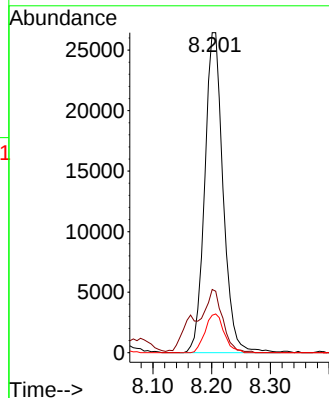
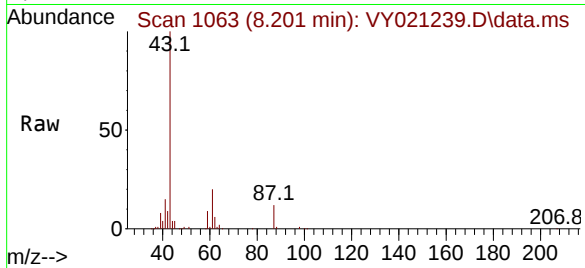
Tgt Ion: 43 Resp: 57470

Ion Ratio Lower Upper

43 100

61 19.8 24.8 37.2#

87 12.5 10.7 16.1



#44

Trichloroethene

Concen: 23.954 ug/l

RT: 8.871 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VY021239.D

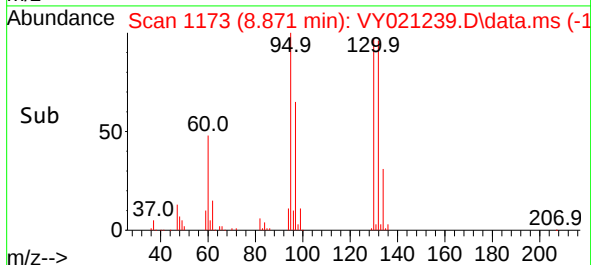
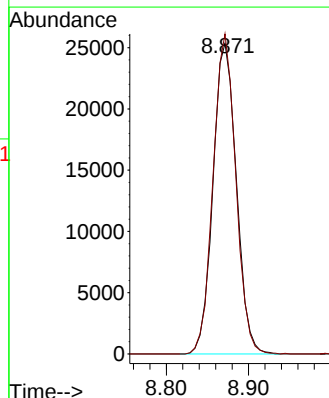
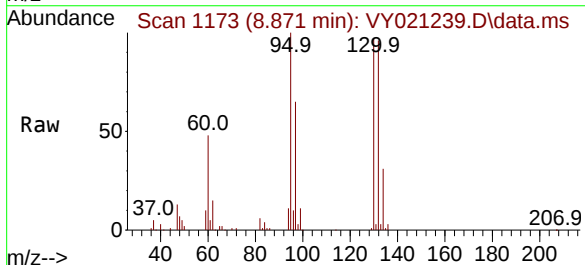
Acq: 19 Feb 2025 16:12

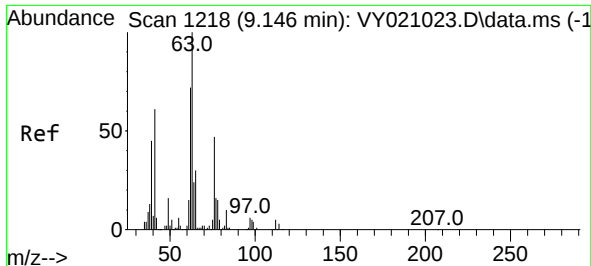
Tgt Ion:130 Resp: 50033

Ion Ratio Lower Upper

130 100

95 103.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 24.658 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

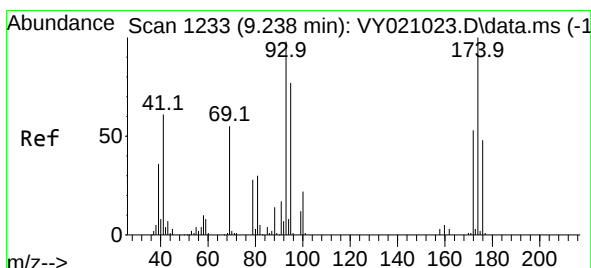
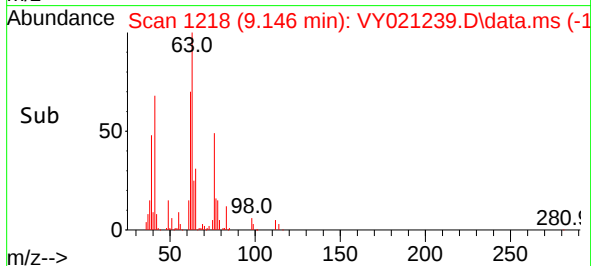
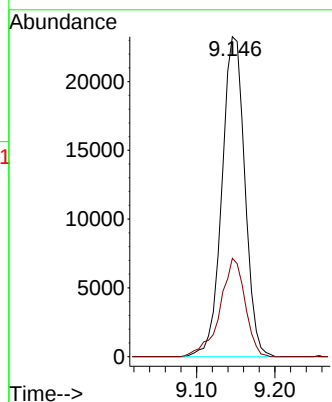
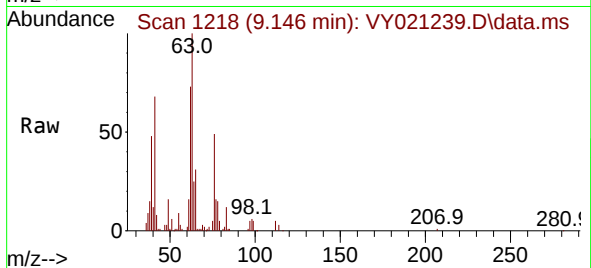
VY0219SBS01

Tgt Ion: 63 Resp: 47316

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 23.201 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

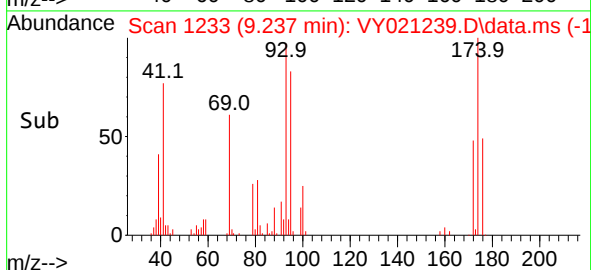
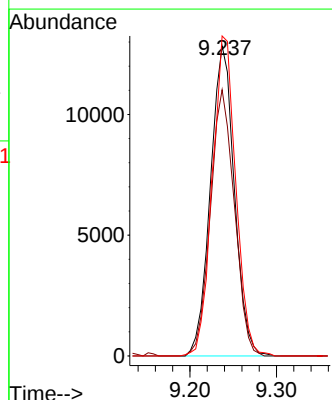
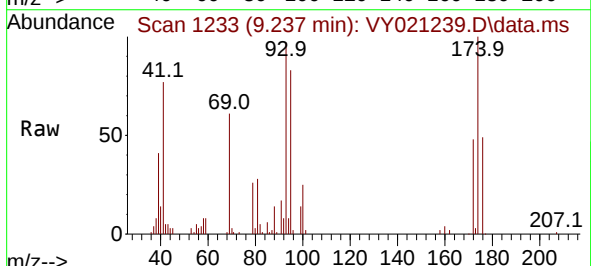
Tgt Ion: 93 Resp: 24650

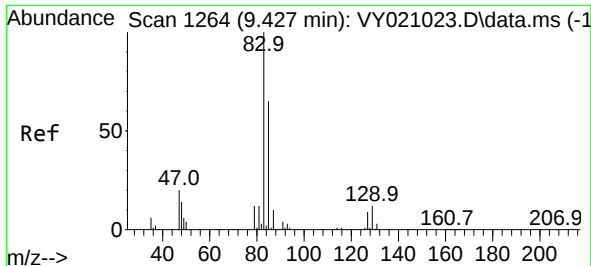
Ion Ratio Lower Upper

93 100

95 85.9 66.6 99.8

174 101.1 73.8 110.6

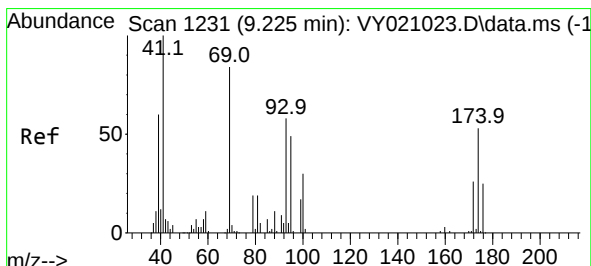
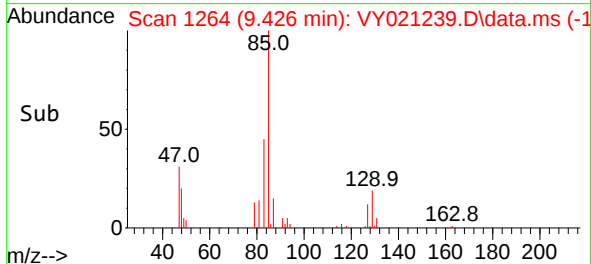
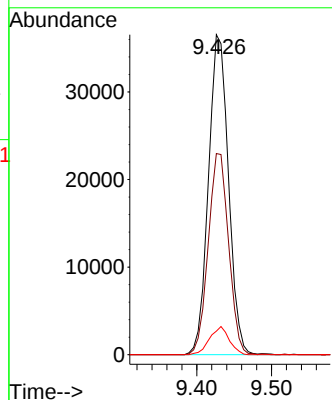
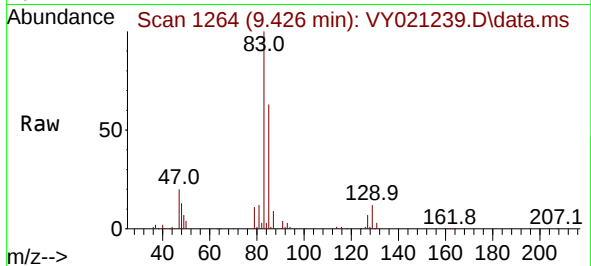




#47
Bromodichloromethane
Concen: 23.898 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

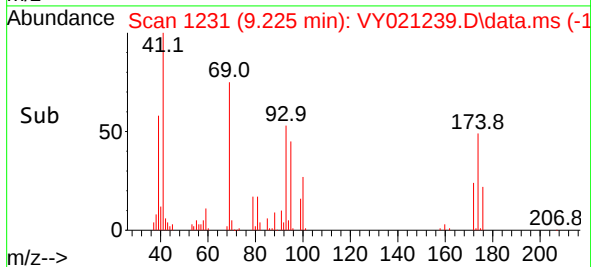
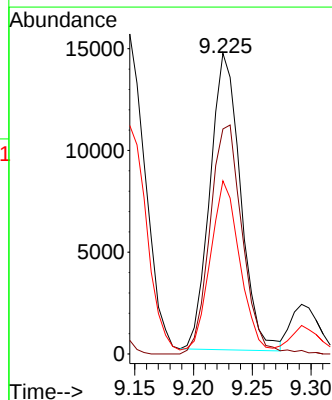
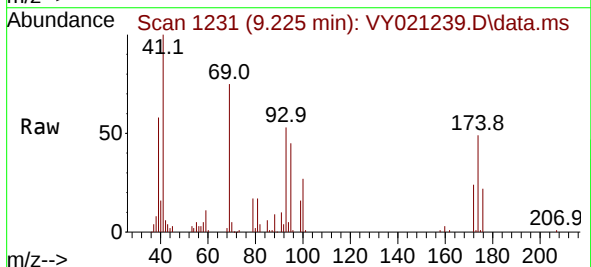
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

Tgt Ion: 83 Resp: 68094
Ion Ratio Lower Upper
83 100
85 62.9 53.2 79.8
127 7.4 6.4 9.6



#48
Methyl methacrylate
Concen: 24.079 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 41 Resp: 26339
Ion Ratio Lower Upper
41 100
69 82.0 72.1 108.1
39 54.9 42.8 64.2





#49

1,4-Dioxane

Concen: 483.193 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBSD01

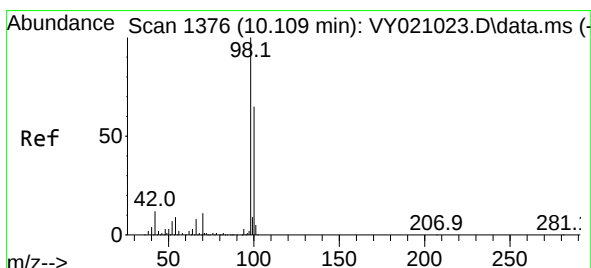
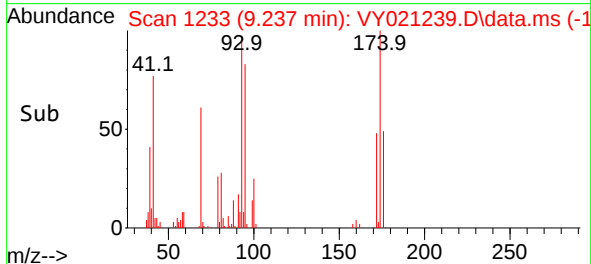
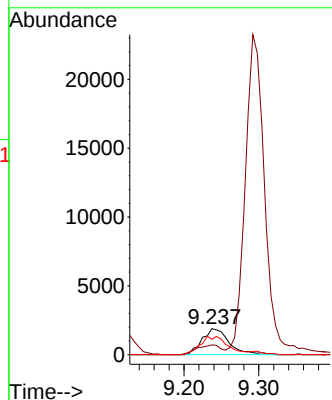
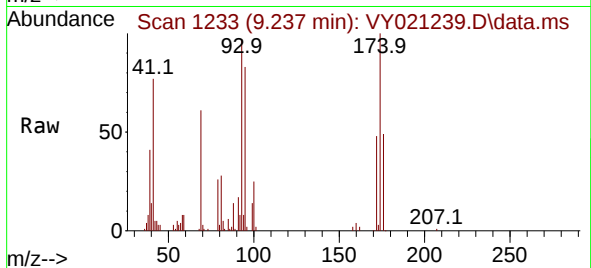
Tgt Ion: 88 Resp: 4779

Ion Ratio Lower Upper

88 100

43 33.9 28.2 42.4

58 70.8 52.2 78.2



#50

Toluene-d8

Concen: 49.052 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021239.D

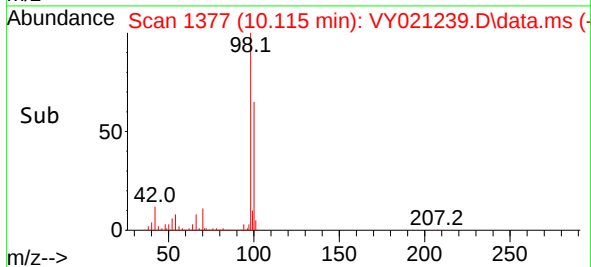
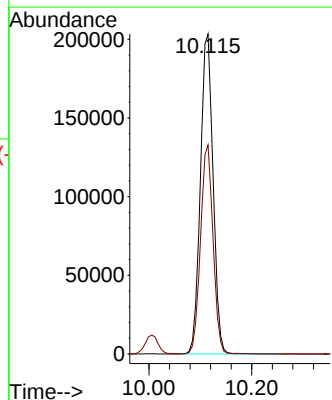
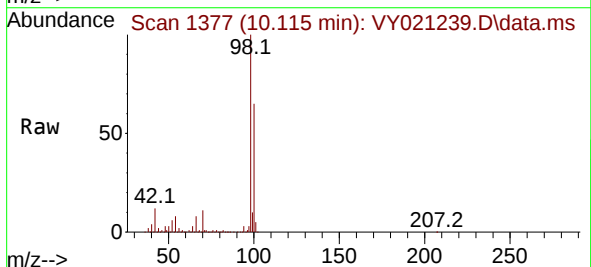
Acq: 19 Feb 2025 16:12

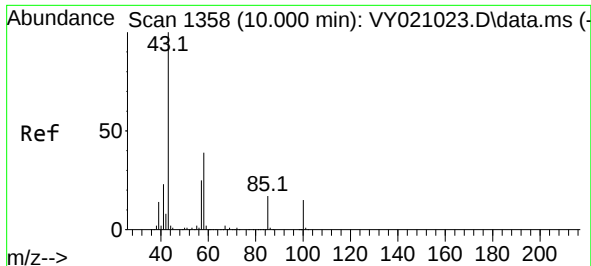
Tgt Ion: 98 Resp: 347329

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

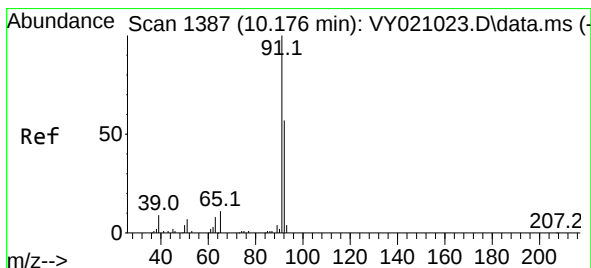
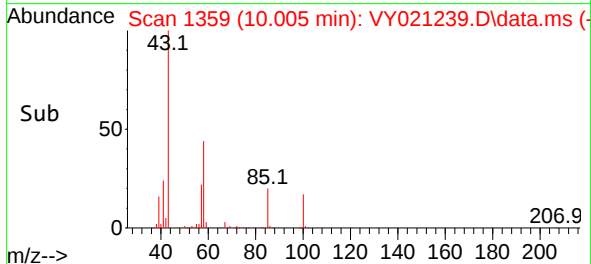
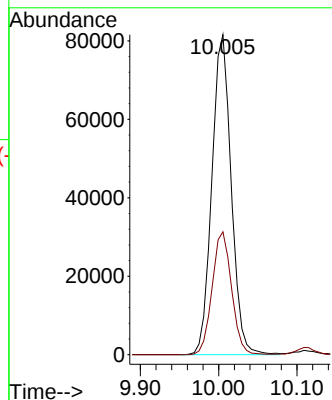
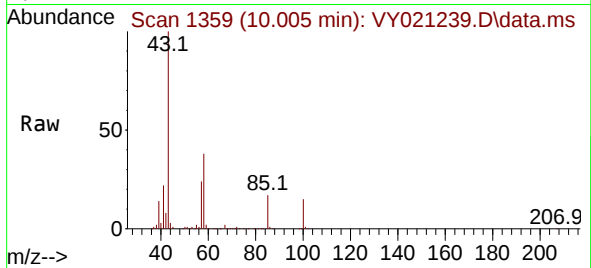




#51
4-Methyl-2-Pentanone
Concen: 115.869 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

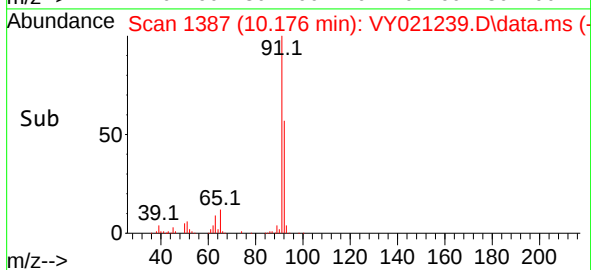
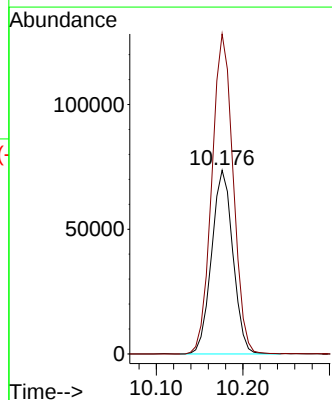
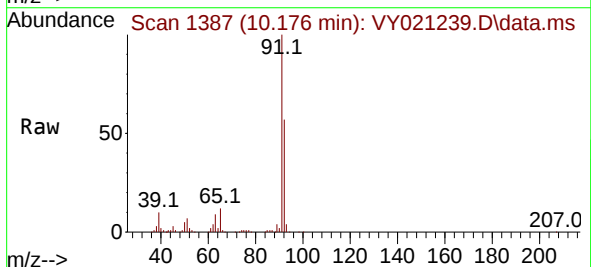
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

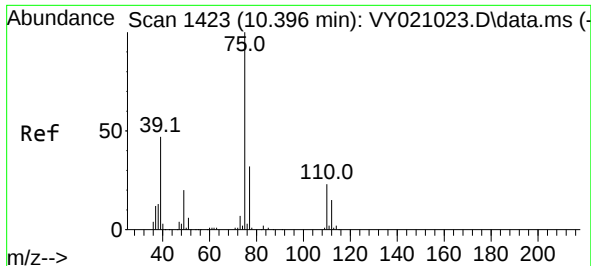
Tgt Ion: 43 Resp: 139921
Ion Ratio Lower Upper
43 100
58 38.5 32.2 48.2



#52
Toluene
Concen: 24.758 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 92 Resp: 125677
Ion Ratio Lower Upper
92 100
91 174.8 137.6 206.4

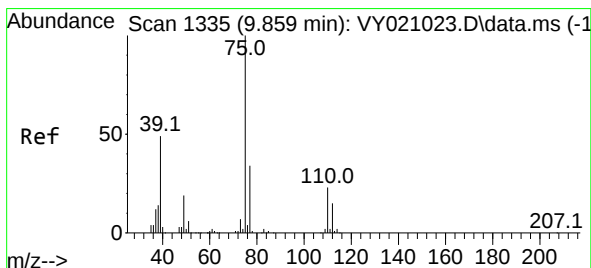
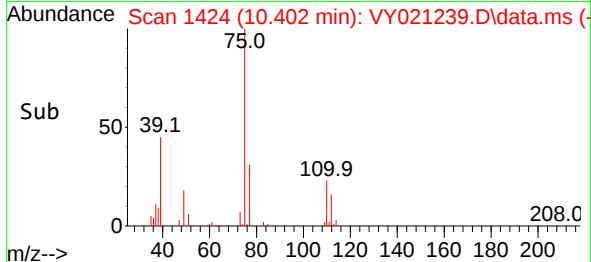
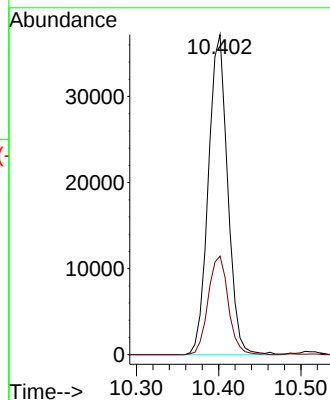
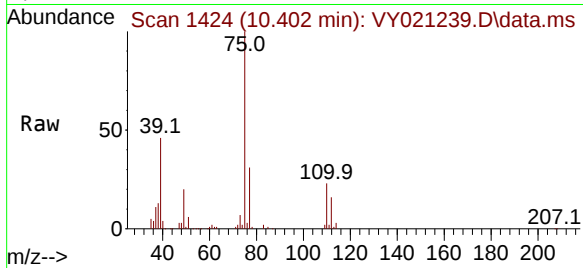




#53
 t-1,3-Dichloropropene
 Concen: 23.711 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

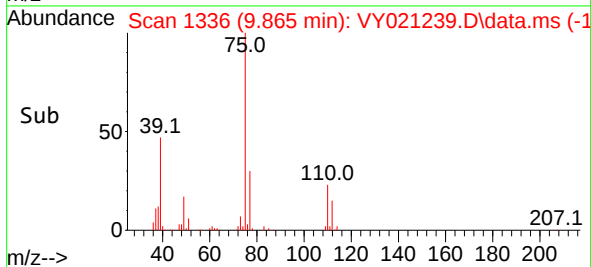
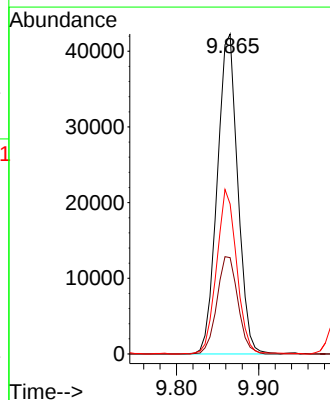
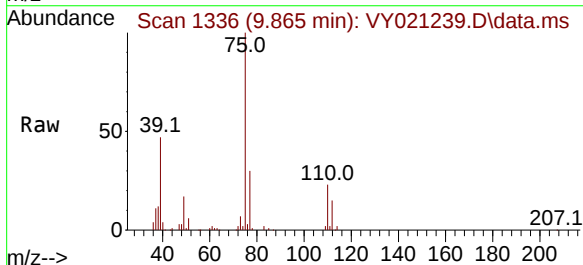
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBSD01

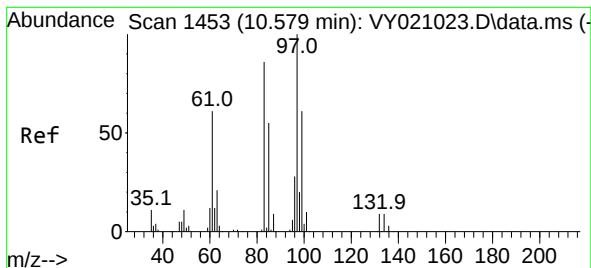
Tgt Ion: 75 Resp: 60666
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 24.142 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion: 75 Resp: 73134
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 36.8
 39 46.8 33.6 50.4

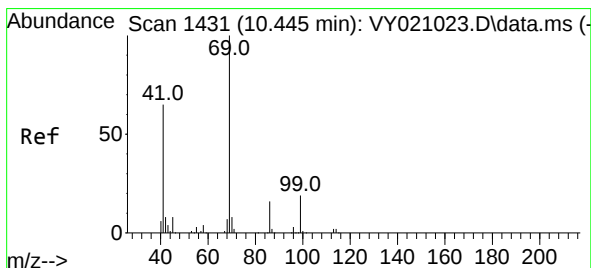
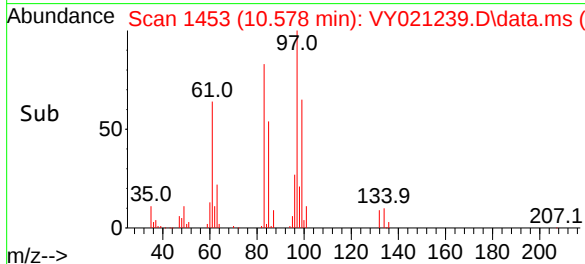
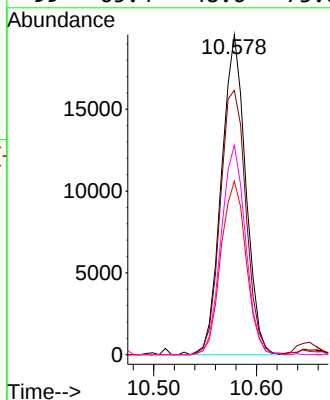
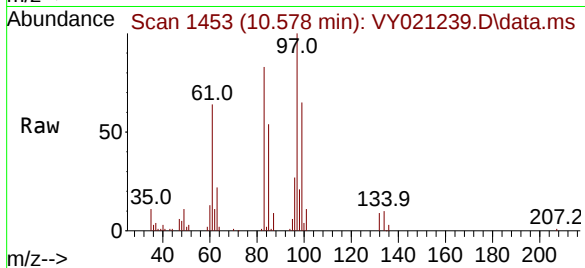




#55
1,1,2-Trichloroethane
Concen: 23.296 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

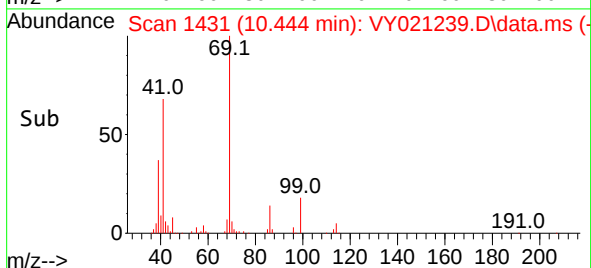
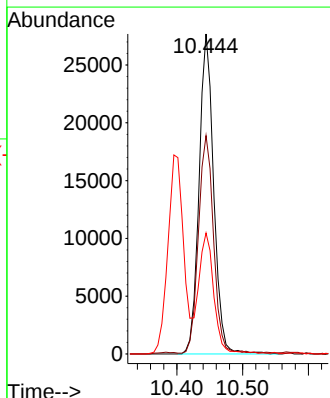
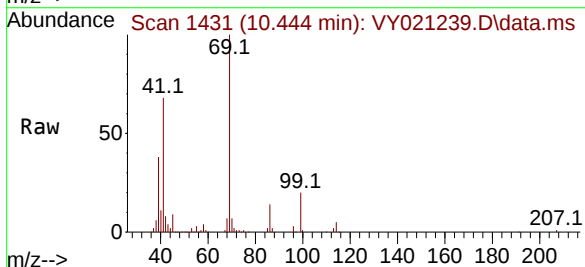
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

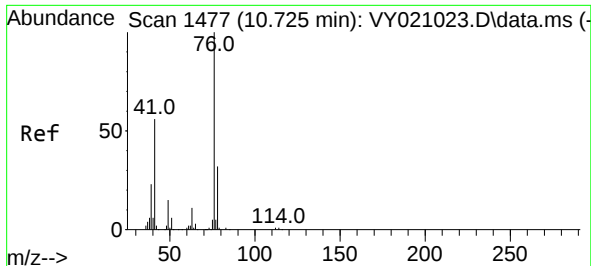
Tgt Ion:	97	Resp:	32050
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.4	104.2
85	54.2	43.9	65.9
99	65.4	48.6	73.0



#56
Ethyl methacrylate
Concen: 23.290 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion:	69	Resp:	42865
Ion	Ratio	Lower	Upper
69	100		
41	69.9	49.2	73.8
39	39.7	26.8	40.2





#57

1,3-Dichloropropane

Concen: 23.974 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

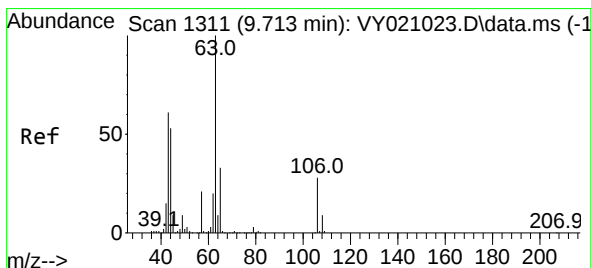
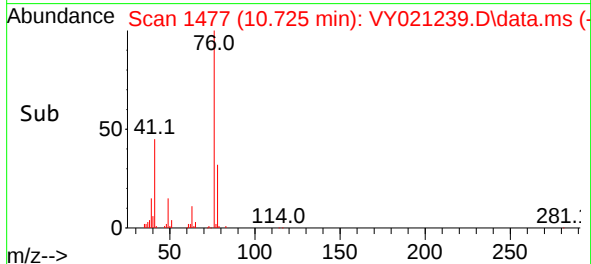
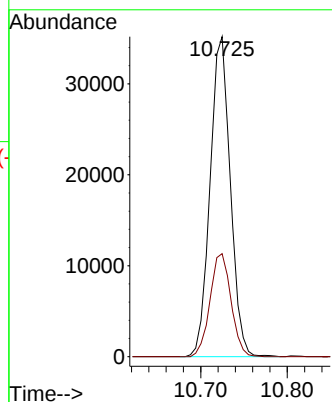
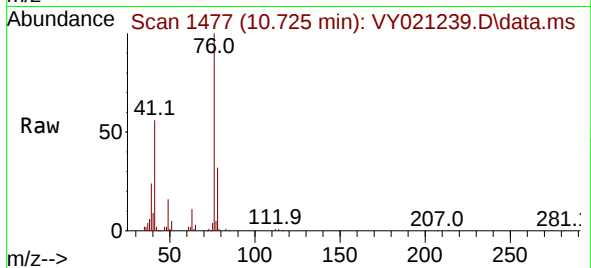
VY0219SBS01

Tgt Ion: 76 Resp: 57090

Ion Ratio Lower Upper

76 100

78 33.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.963 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021239.D

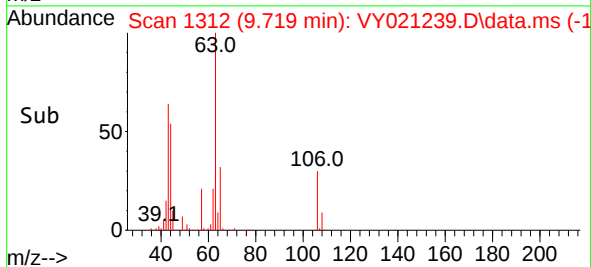
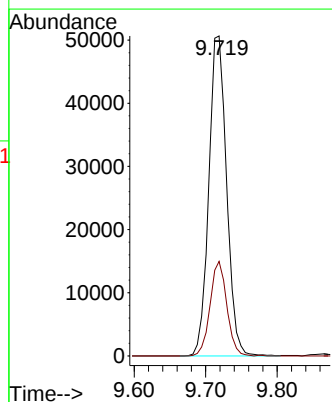
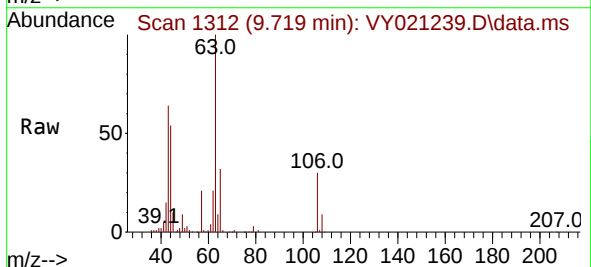
Acq: 19 Feb 2025 16:12

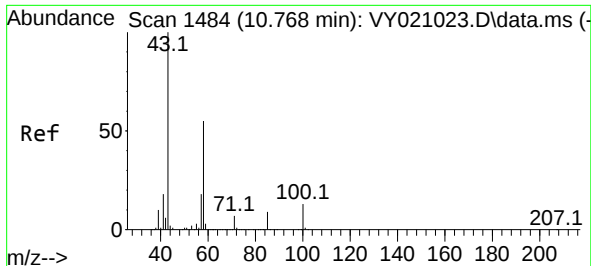
Tgt Ion: 63 Resp: 87528

Ion Ratio Lower Upper

63 100

106 27.8 22.4 33.6





#59

2-Hexanone

Concen: 114.274 ug/l

RT: 10.767 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

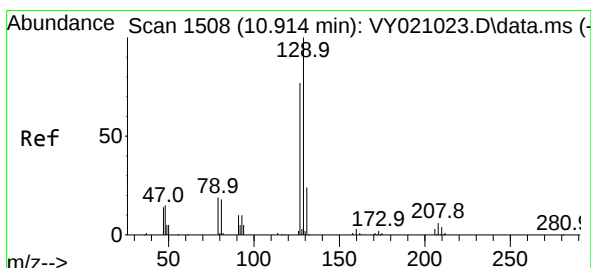
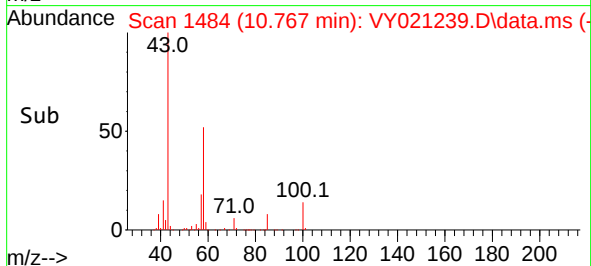
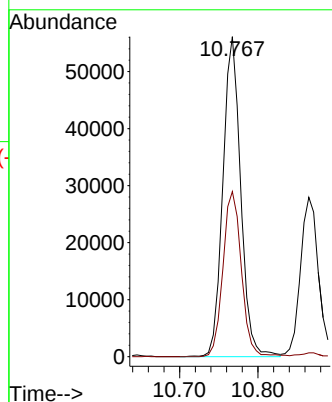
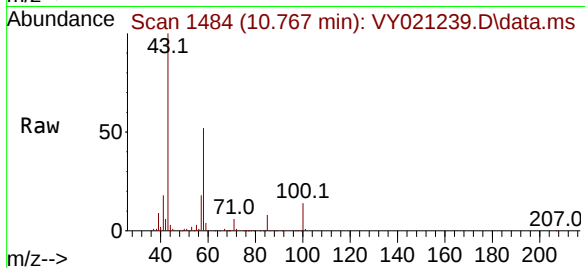
VY0219SBS01

Tgt Ion: 43 Resp: 88849

Ion Ratio Lower Upper

43 100

58 53.3 28.1 84.3



#60

Dibromochloromethane

Concen: 22.854 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY021239.D

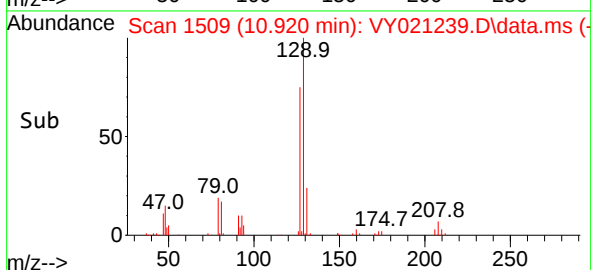
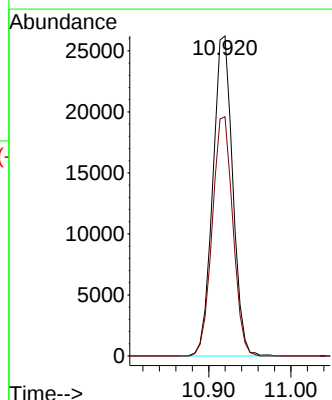
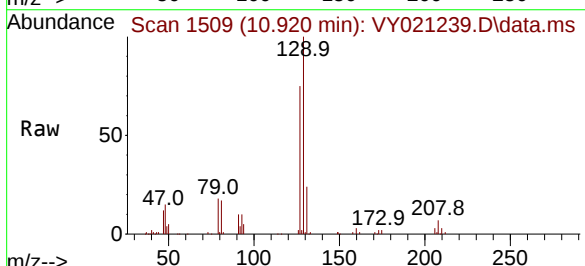
Acq: 19 Feb 2025 16:12

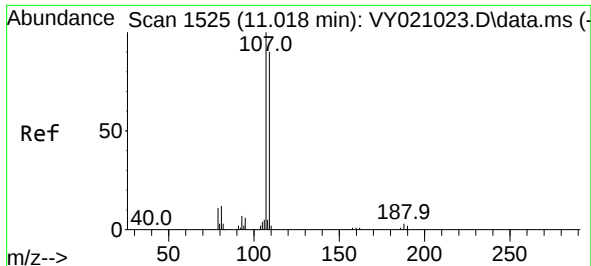
Tgt Ion: 129 Resp: 44155

Ion Ratio Lower Upper

129 100

127 77.1 39.2 117.6

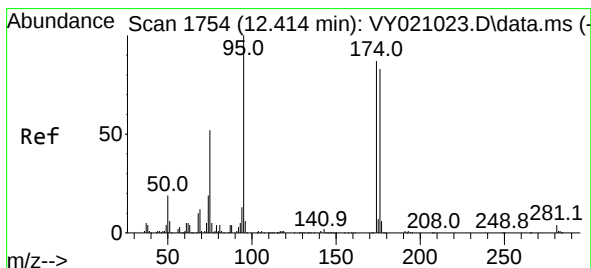
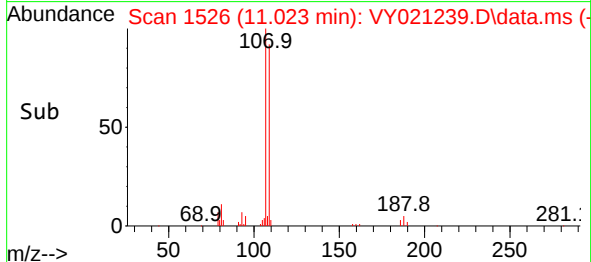
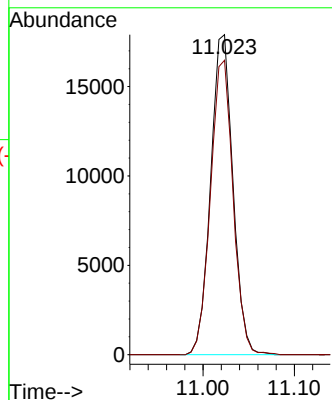
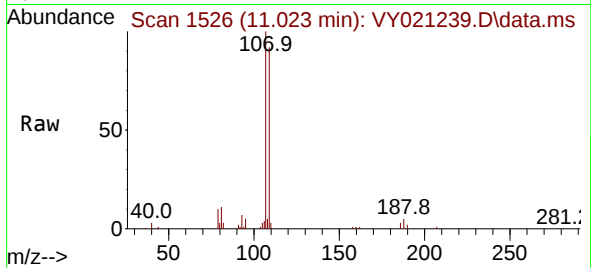




#61
1,2-Dibromoethane
Concen: 23.503 ug/l
RT: 11.023 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

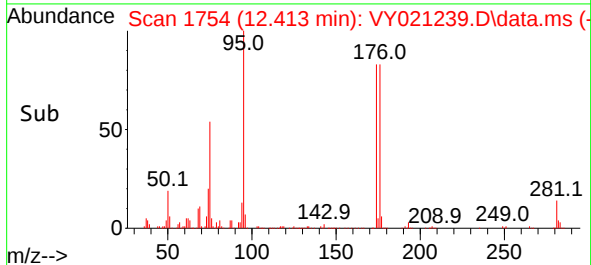
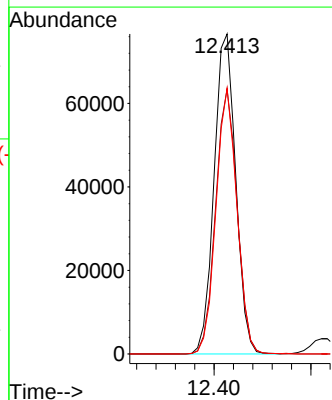
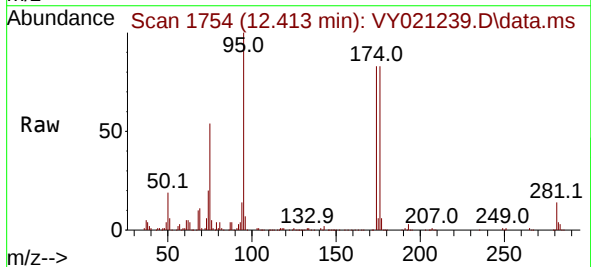
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

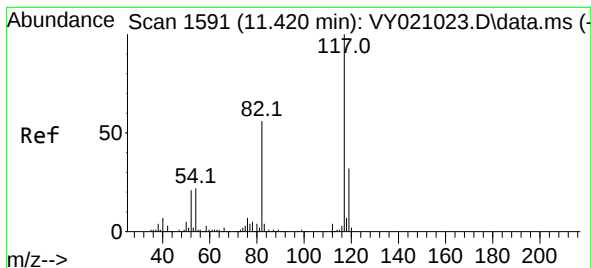
Tgt Ion:107 Resp: 30288
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.356 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 95 Resp: 118801
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.0
176 80.4 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: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

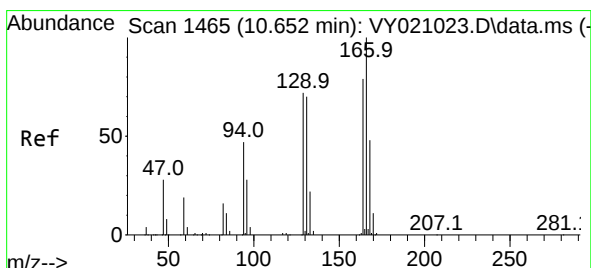
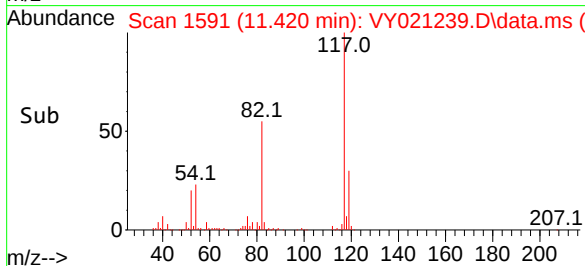
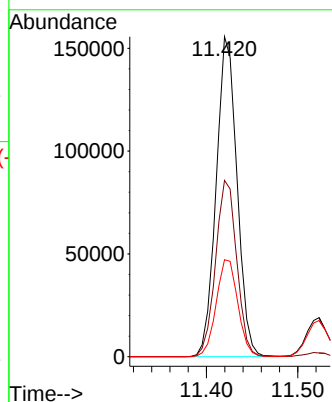
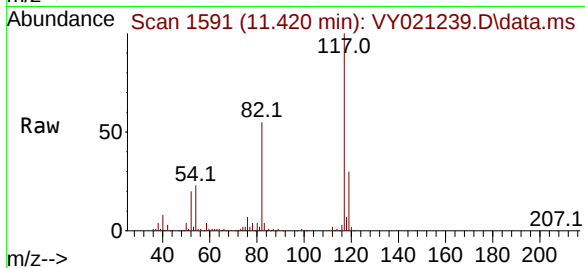
Tgt Ion:117 Resp: 246933

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 30.3 26.5 39.7



#64

Tetrachloroethene

Concen: 24.013 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Tgt Ion:164 Resp: 44018

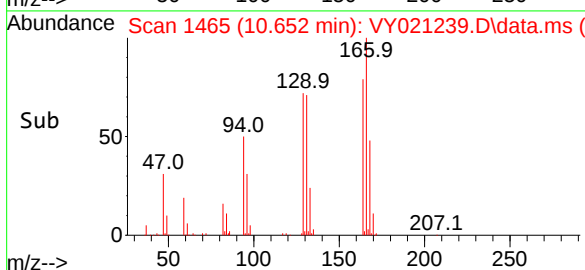
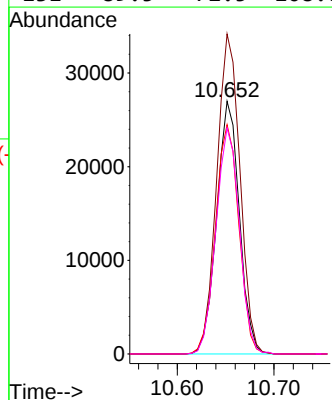
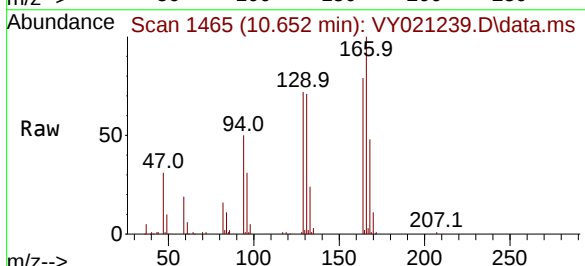
Ion Ratio Lower Upper

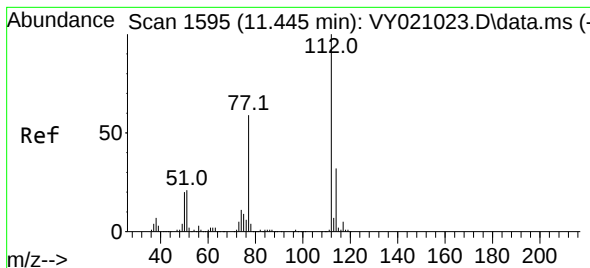
164 100

166 126.7 98.8 148.2

129 90.8 78.9 118.3

131 89.5 72.5 108.7





#65

Chlorobenzene

Concen: 24.129 ug/l

RT: 11.450 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

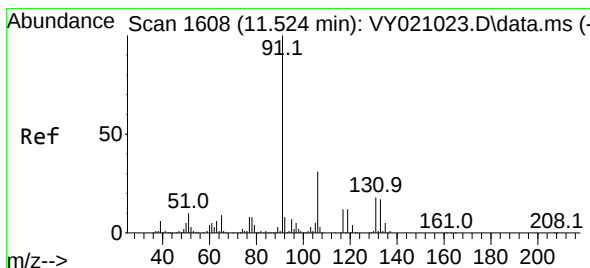
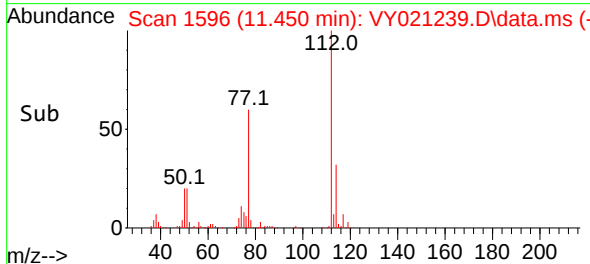
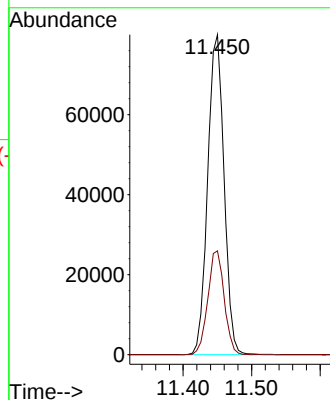
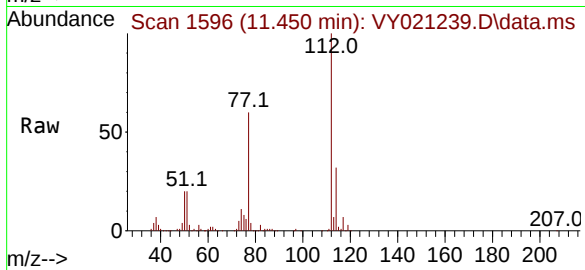
VY0219SBS01

Tgt Ion:112 Resp: 132669

Ion Ratio Lower Upper

112 100

114 32.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 23.612 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

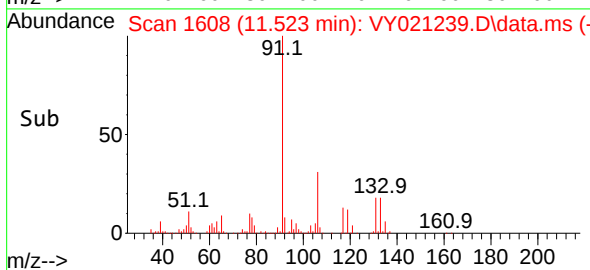
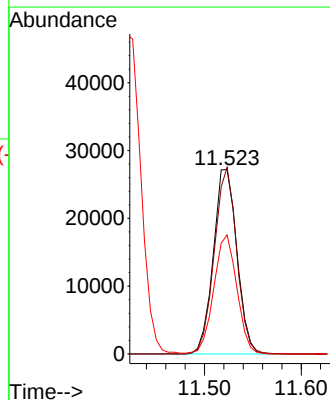
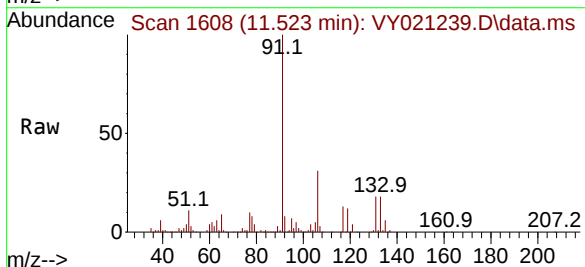
Tgt Ion:131 Resp: 46138

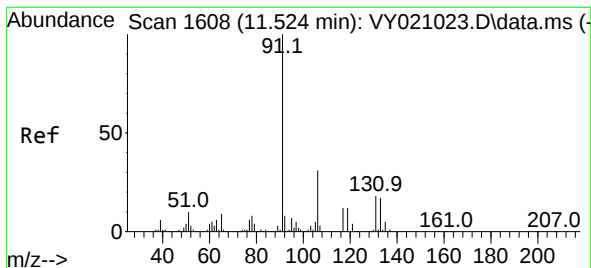
Ion Ratio Lower Upper

131 100

133 95.9 47.0 141.0

119 63.1 33.3 99.9





#67

Ethyl Benzene

Concen: 24.310 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

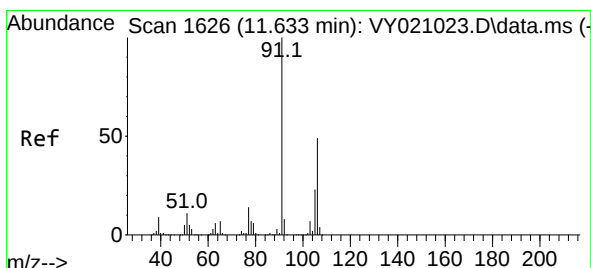
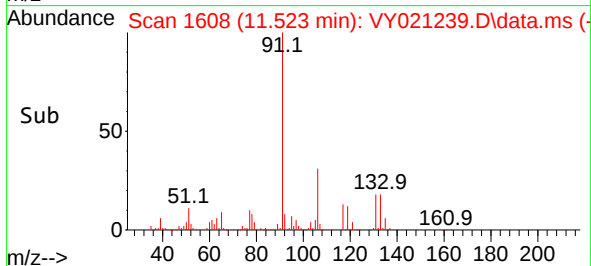
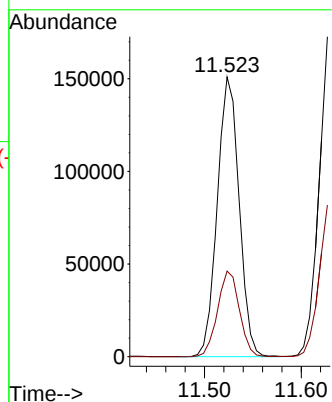
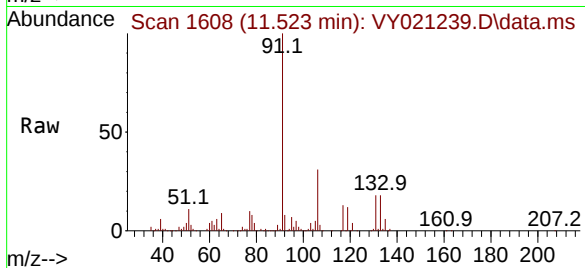
VY0219SBSD01

Tgt Ion: 91 Resp: 236421

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 49.026 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021239.D

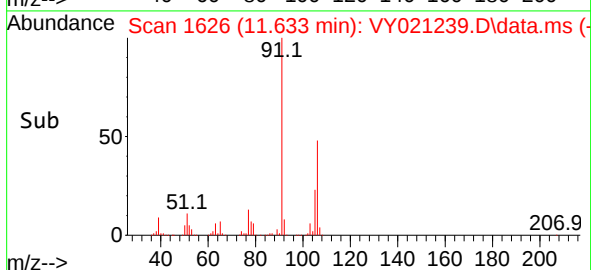
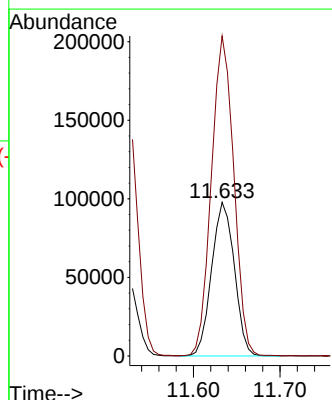
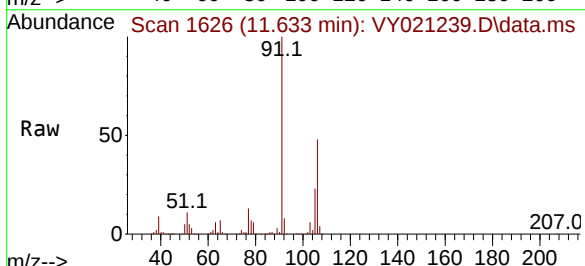
Acq: 19 Feb 2025 16:12

Tgt Ion:106 Resp: 178366

Ion Ratio Lower Upper

106 100

91 205.4 160.7 241.1

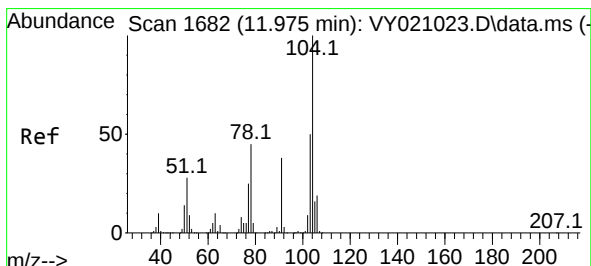
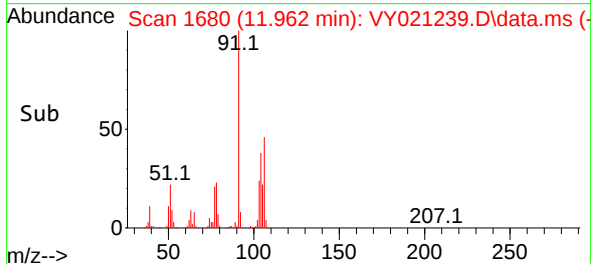
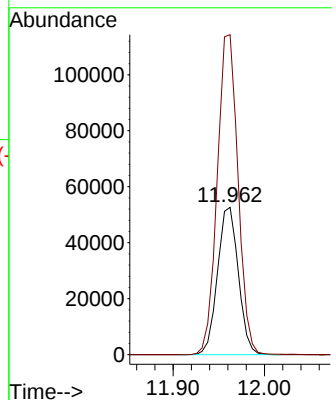
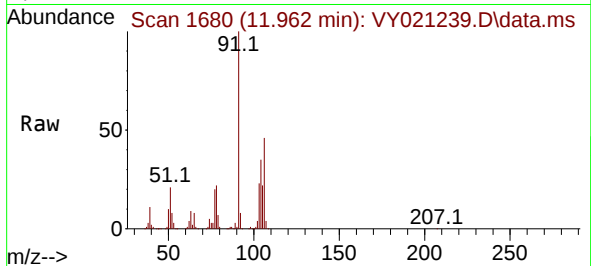




#69
o-Xylene
Concen: 24.614 ug/l
RT: 11.962 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

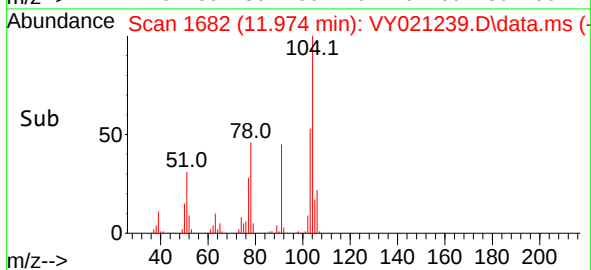
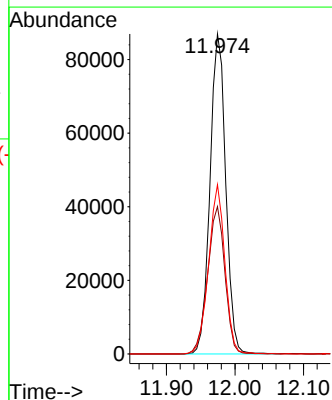
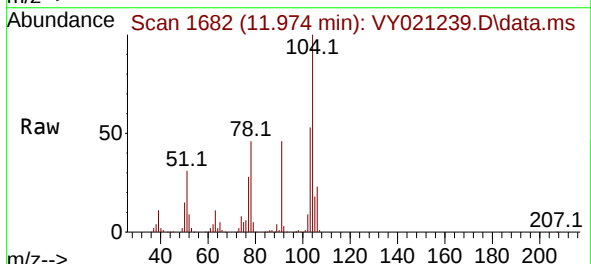
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

Tgt Ion:106 Resp: 83489
Ion Ratio Lower Upper
106 100
91 216.9 106.5 319.5



#70
Styrene
Concen: 24.601 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion:104 Resp: 139081
Ion Ratio Lower Upper
104 100
78 50.5 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 22.730 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

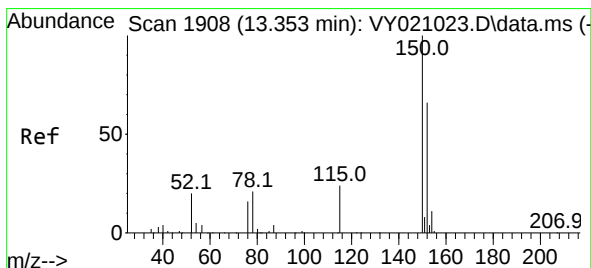
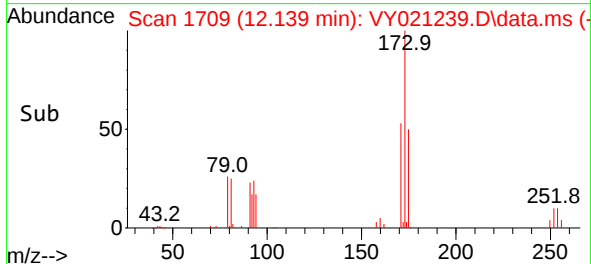
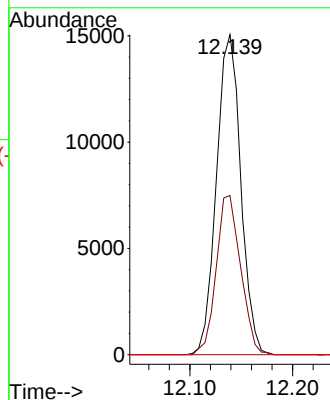
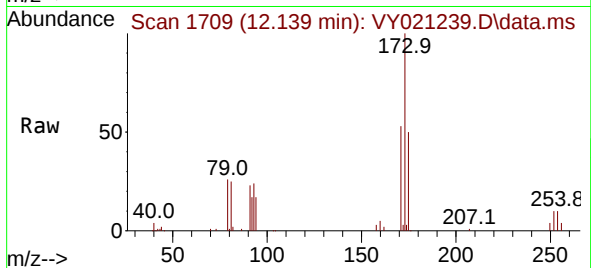
Tgt Ion:173 Resp: 24722

Ion Ratio Lower Upper

173 100

175 50.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

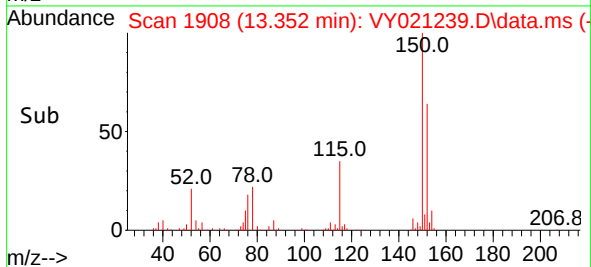
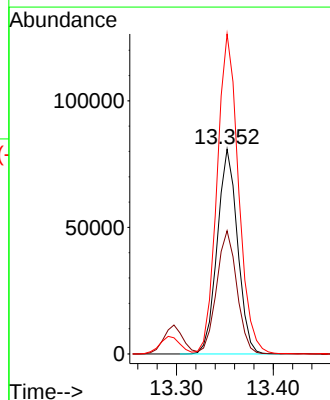
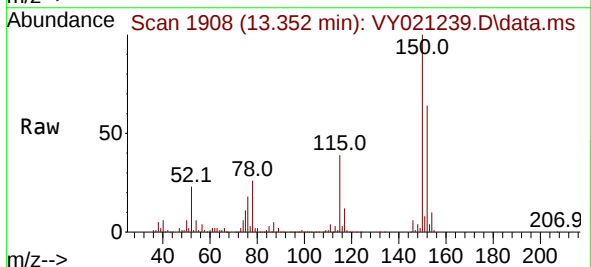
Tgt Ion:152 Resp: 117790

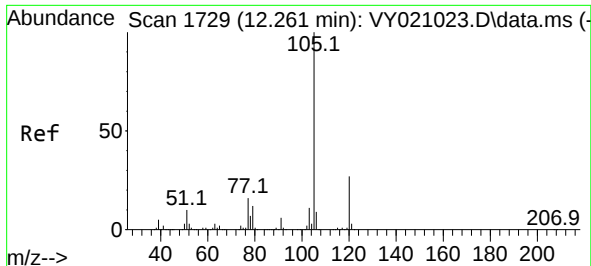
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 165.5 0.0 344.6

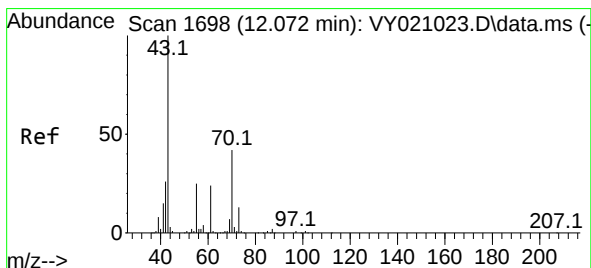
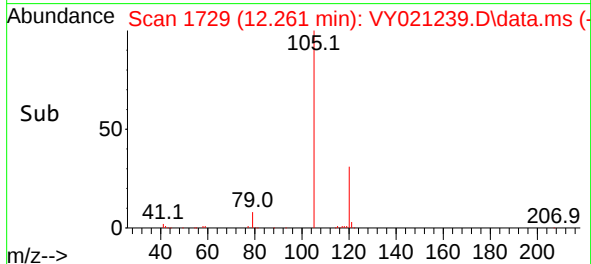
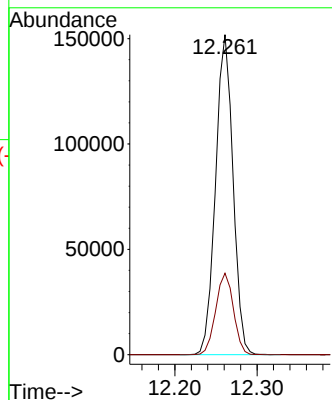
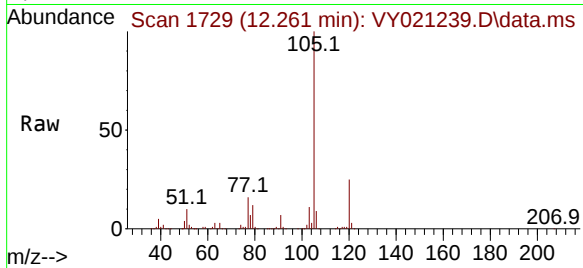




#73
Isopropylbenzene
Concen: 24.319 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

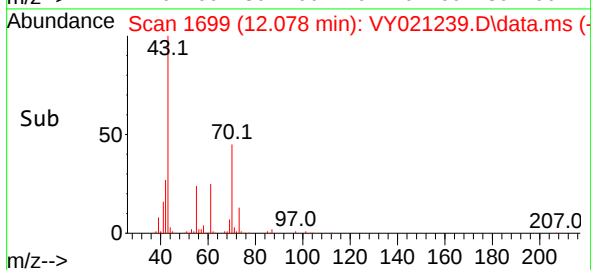
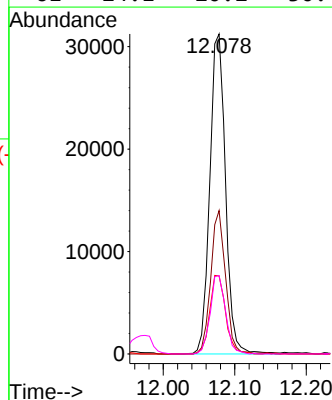
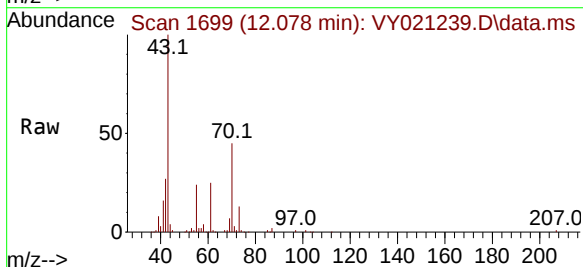
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

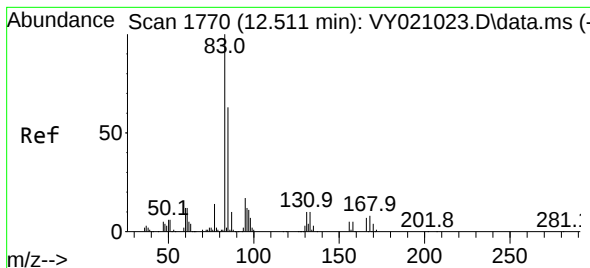
Tgt Ion:105 Resp: 223760
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 23.676 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 43 Resp: 47627
Ion Ratio Lower Upper
43 100
70 42.4 36.6 55.0
55 24.8 22.2 33.4
61 24.1 20.2 30.4

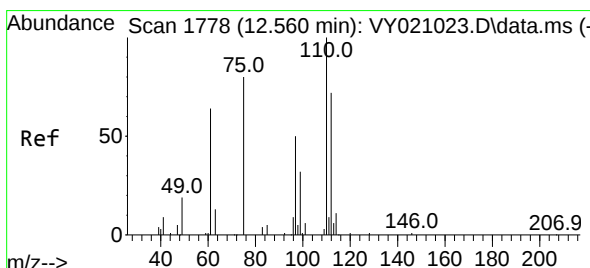
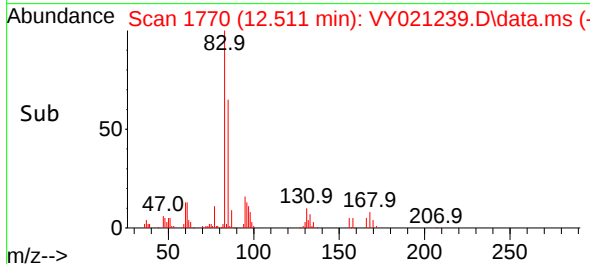
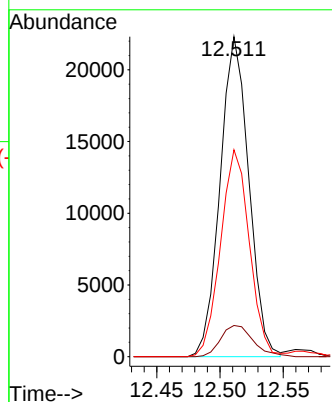
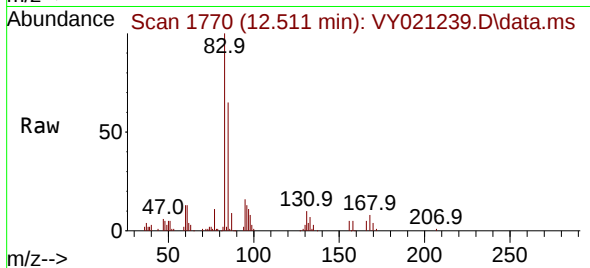




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.028 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

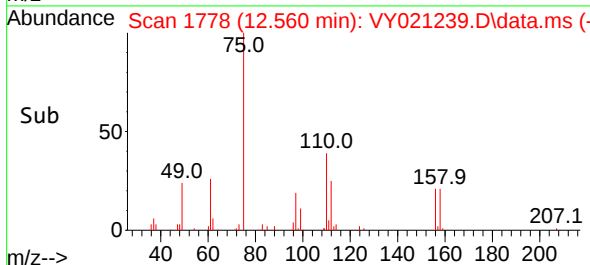
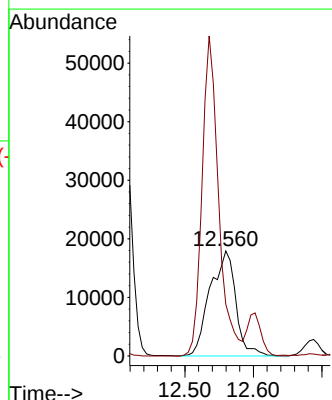
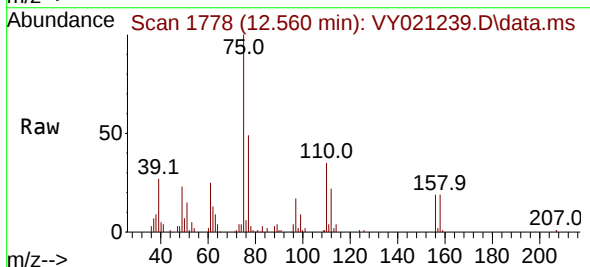
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBSD01

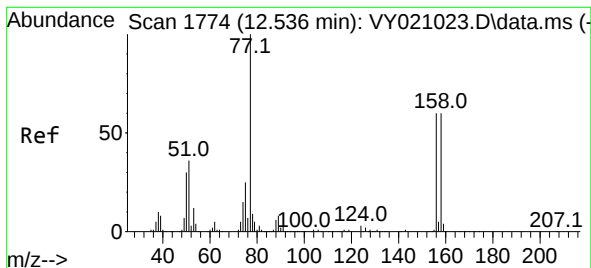
Tgt Ion: 83 Resp: 35239
 Ion Ratio Lower Upper
 83 100
 131 11.0 4.9 14.6
 85 64.8 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 43.801 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion: 75 Resp: 46801
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 24.017 ug/l

RT: 12.535 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBSD01

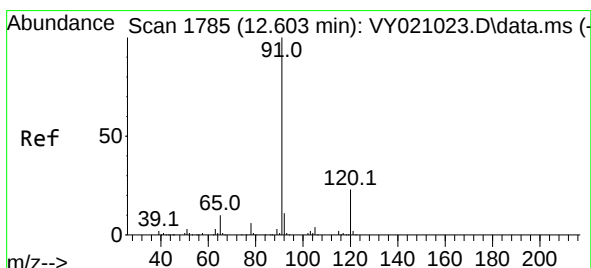
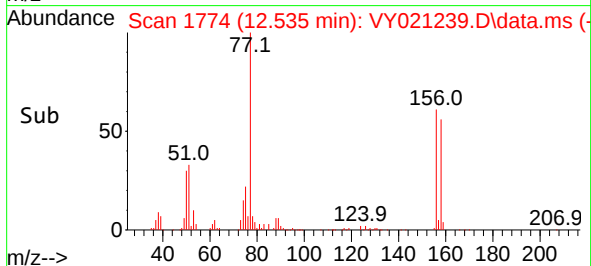
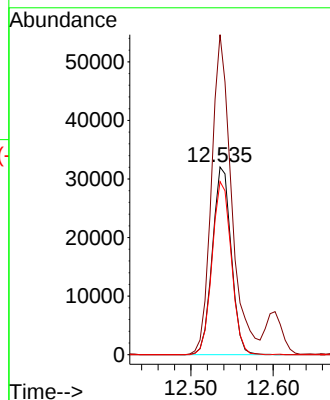
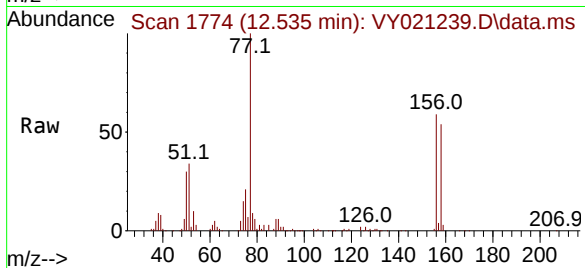
Tgt Ion:156 Resp: 50995

Ion Ratio Lower Upper

156 100

77 181.5 97.3 291.8

158 93.9 48.4 145.0



#78

n-propylbenzene

Concen: 24.548 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021239.D

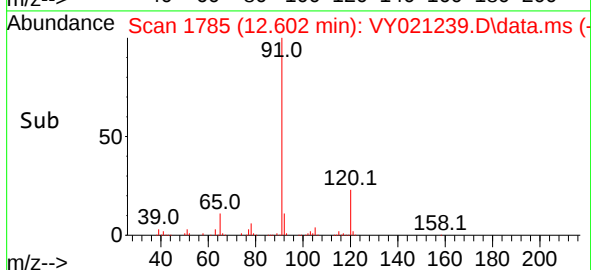
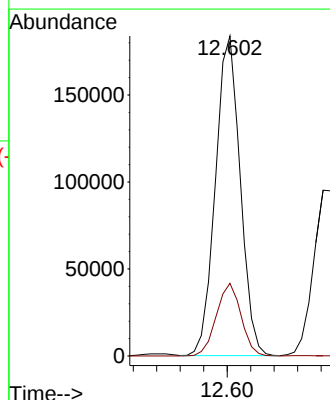
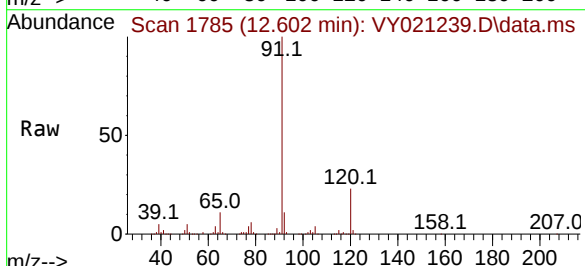
Acq: 19 Feb 2025 16:12

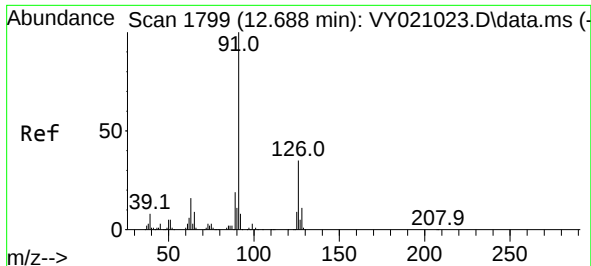
Tgt Ion: 91 Resp: 269056

Ion Ratio Lower Upper

91 100

120 22.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 24.440 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.007 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

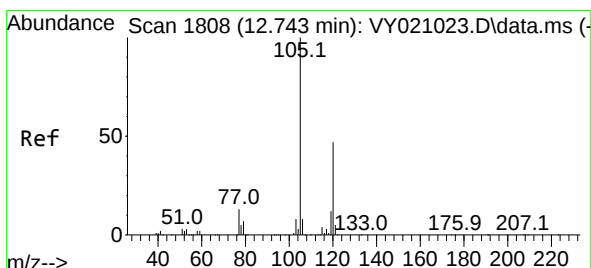
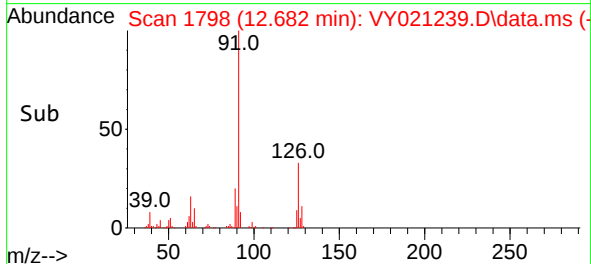
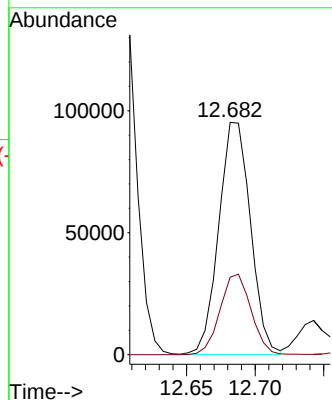
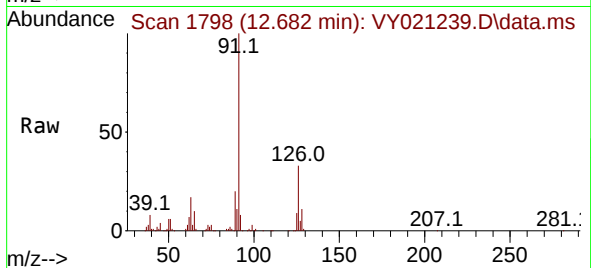
VY0219SBS01

Tgt Ion: 91 Resp: 153425

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 24.708 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021239.D

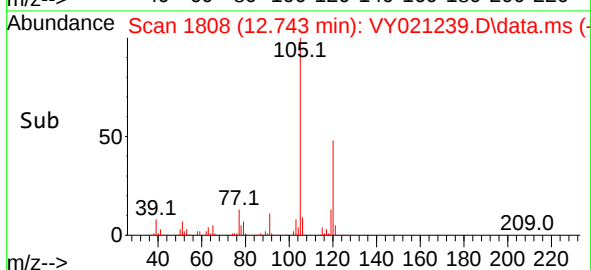
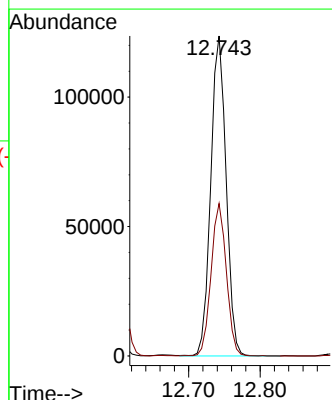
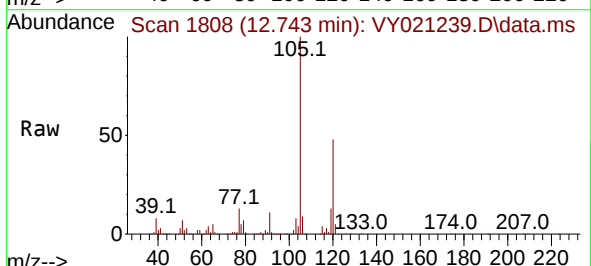
Acq: 19 Feb 2025 16:12

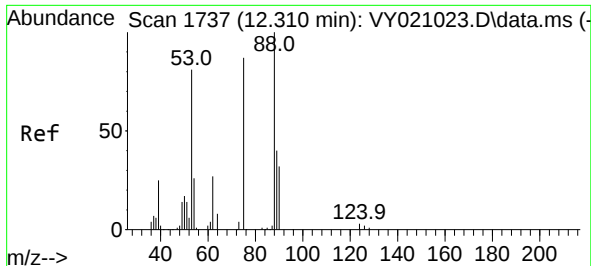
Tgt Ion:105 Resp: 184317

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.8

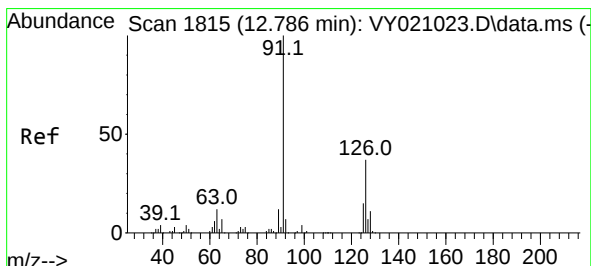
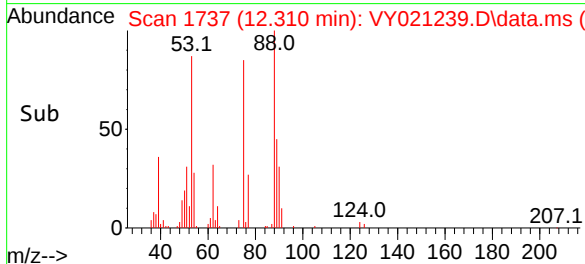
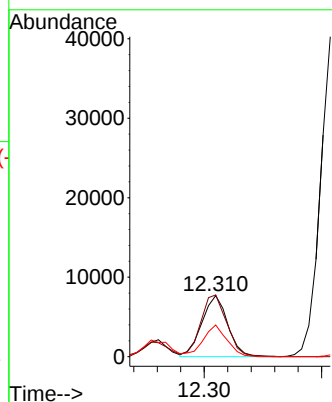
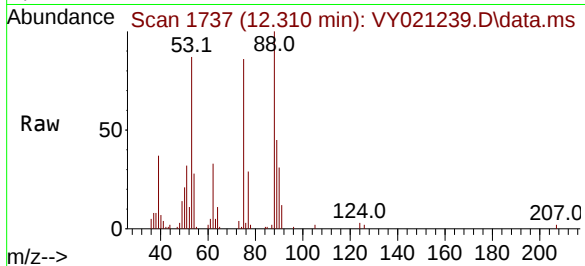




#81
trans-1,4-Dichloro-2-butene
Concen: 22.496 ug/l
RT: 12.310 min Scan# 11780
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

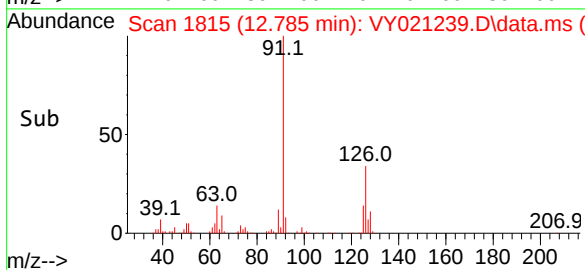
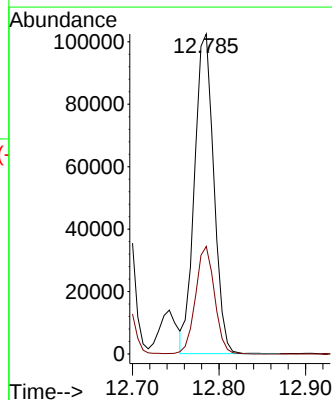
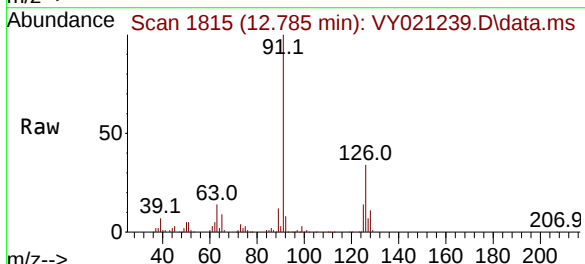
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

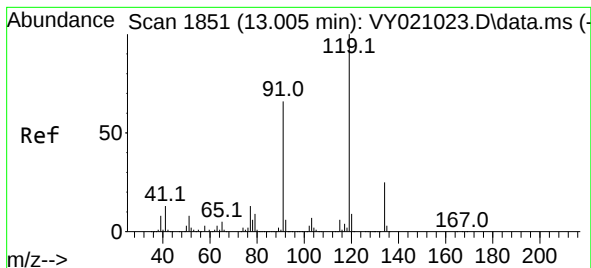
Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.7	74.0	111.0
89	47.7	36.5	54.7



#82
4-Chlorotoluene
Concen: 24.718 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.1	51.2





#83

tert-Butylbenzene

Concen: 24.372 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

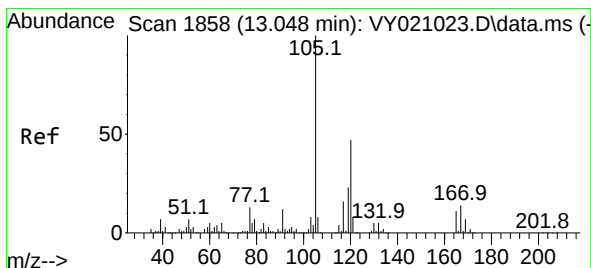
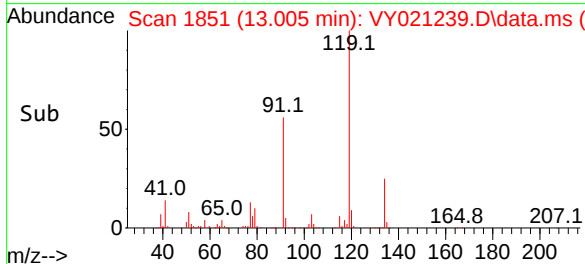
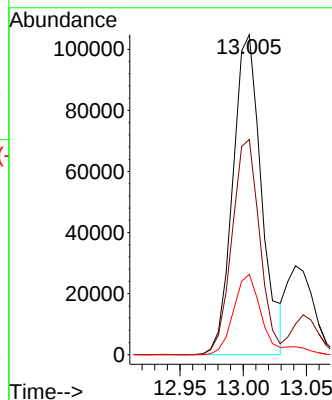
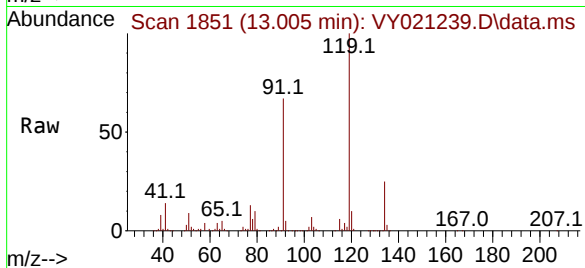
Tgt Ion:119 Resp: 165259

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 25.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 24.847 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021239.D

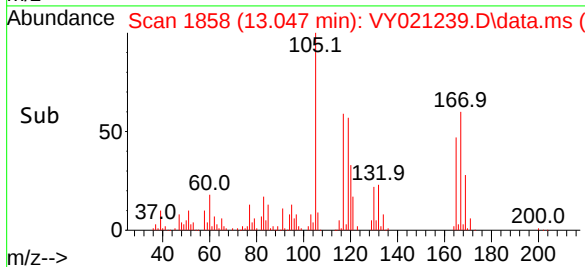
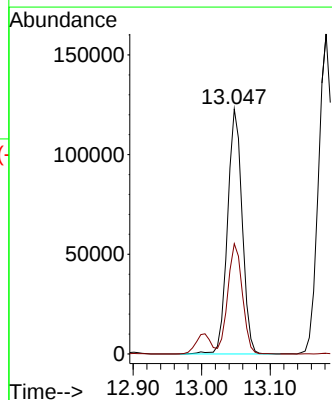
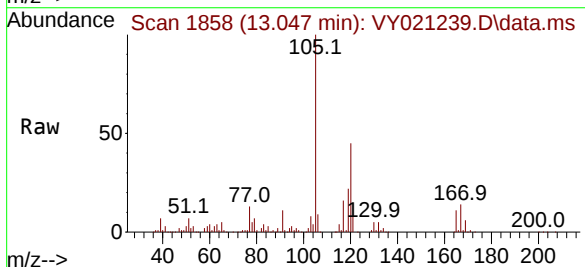
Acq: 19 Feb 2025 16:12

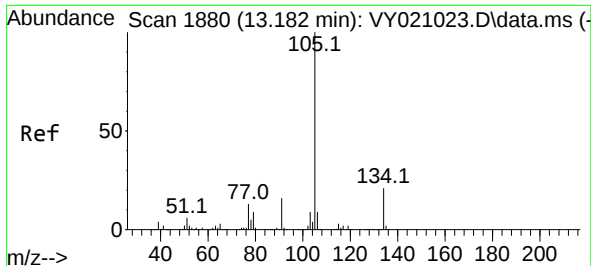
Tgt Ion:105 Resp: 181234

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3

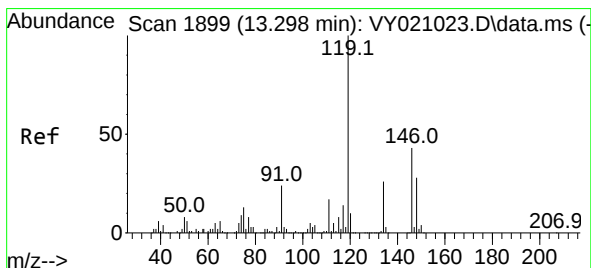
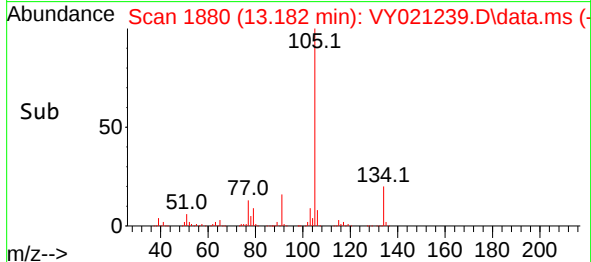
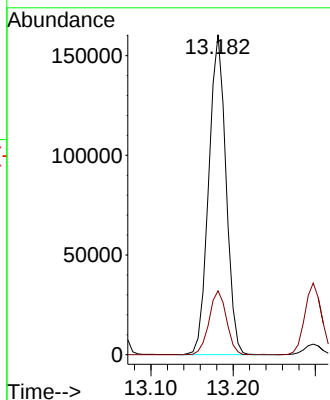
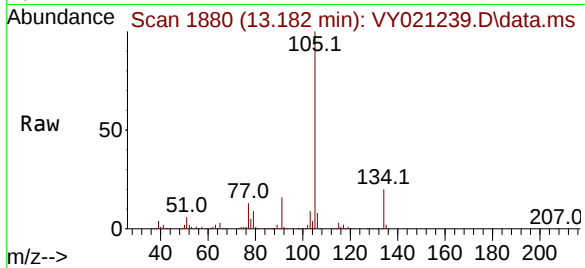




#85
 sec-Butylbenzene
 Concen: 23.944 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

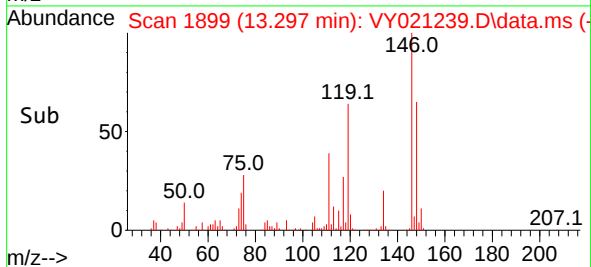
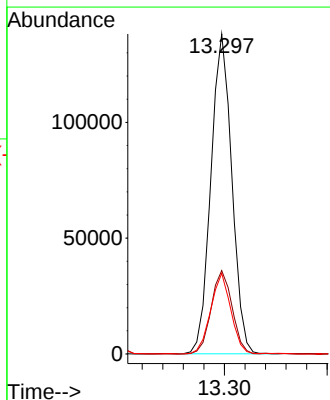
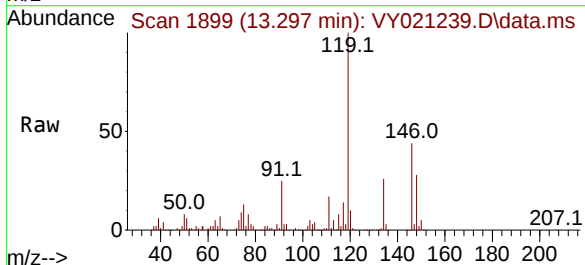
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBSD01

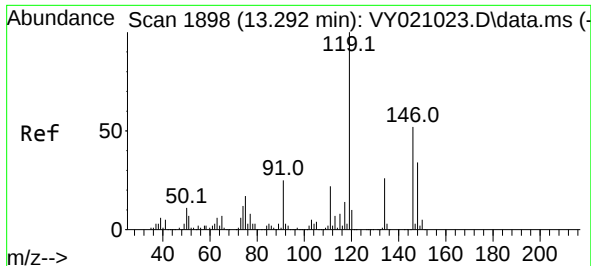
Tgt Ion:105 Resp: 233714
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 24.021 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021239.D
 Acq: 19 Feb 2025 16:12

Tgt Ion:119 Resp: 194762
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.3 11.7 35.0

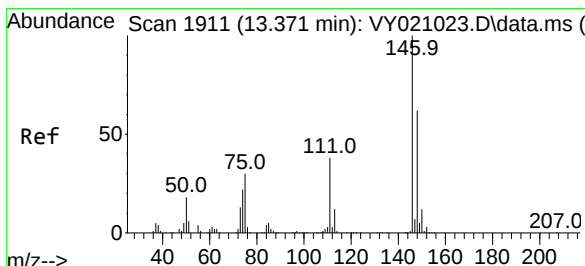
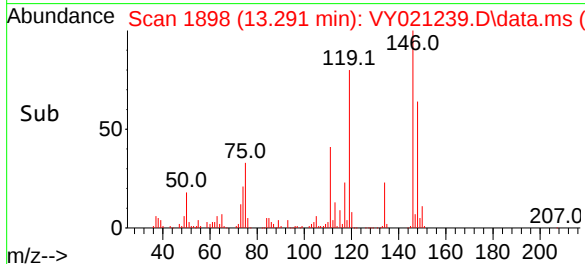
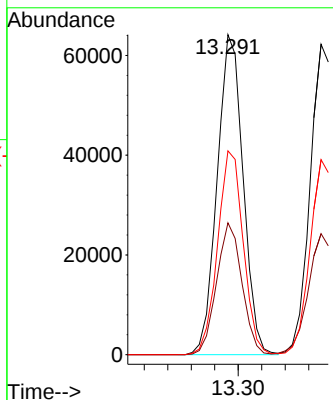
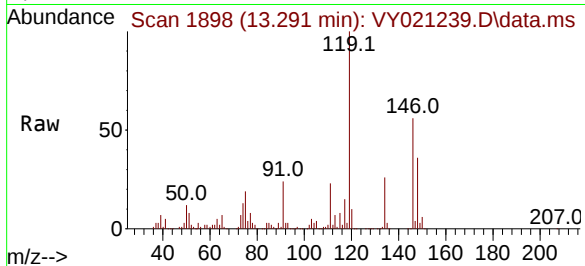




#87
1,3-Dichlorobenzene
Concen: 24.006 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

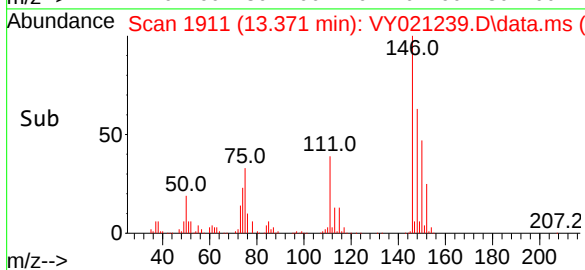
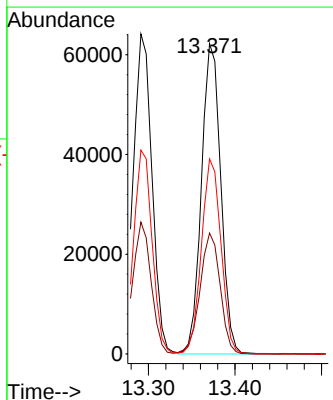
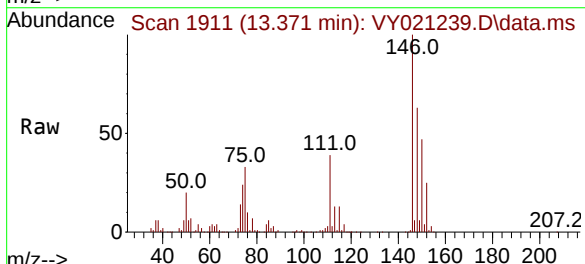
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

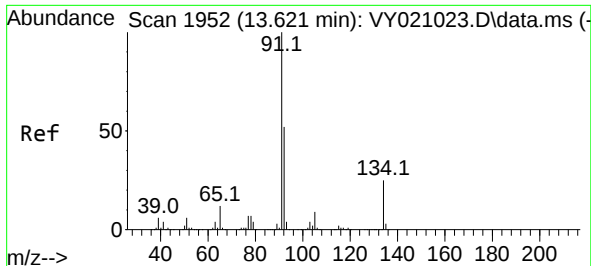
Tgt Ion:146 Resp: 98418
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 63.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 23.950 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion:146 Resp: 96681
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.9
148 63.5 31.6 94.7

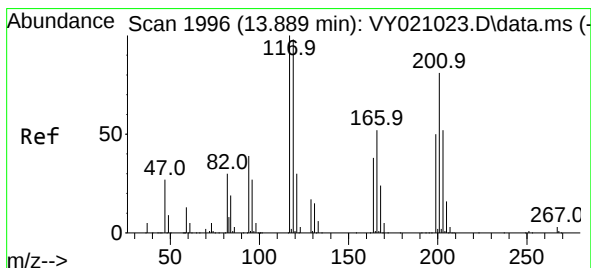
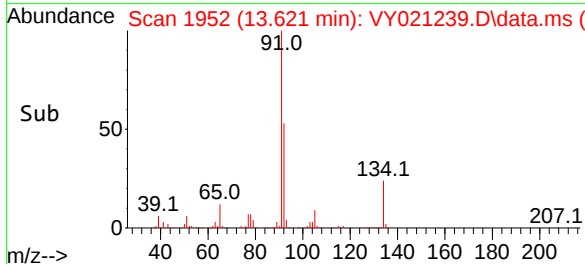
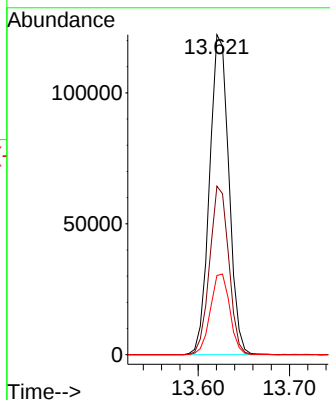
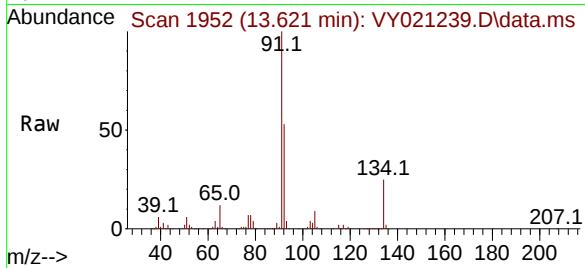




#89
n-Butylbenzene
Concen: 24.281 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

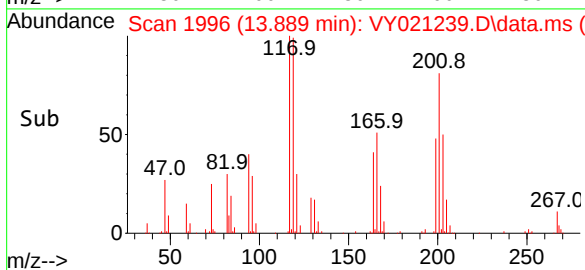
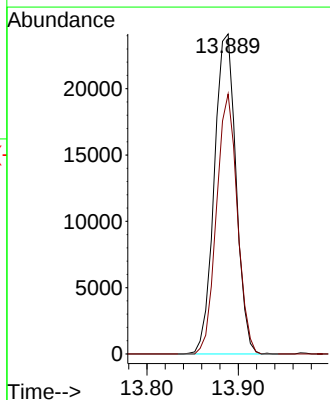
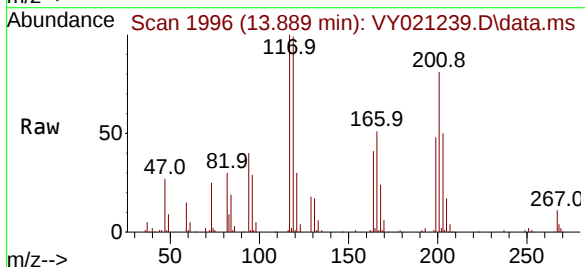
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBSD01

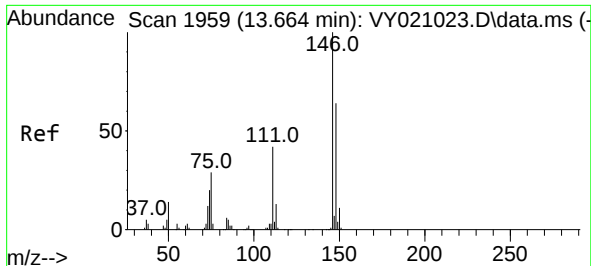
Tgt Ion: 91 Resp: 179602
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 25.4 12.3 36.8



#90
Hexachloroethane
Concen: 23.568 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021239.D
Acq: 19 Feb 2025 16:12

Tgt Ion: 117 Resp: 39865
Ion Ratio Lower Upper
117 100
201 77.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 23.811 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

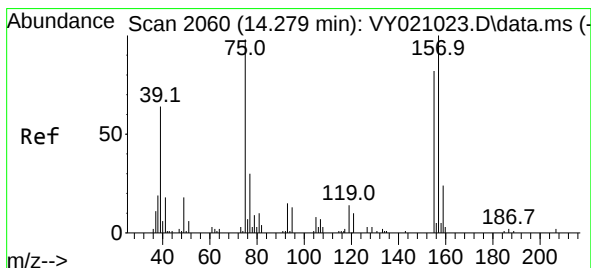
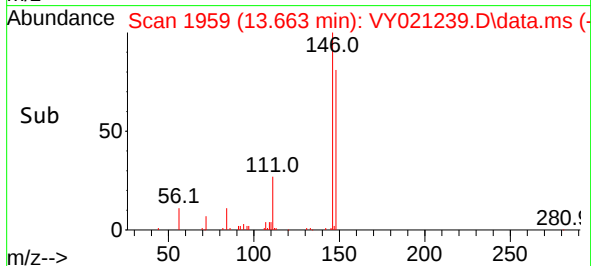
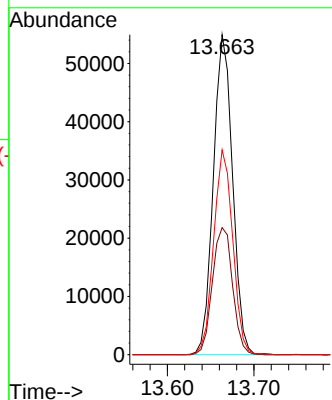
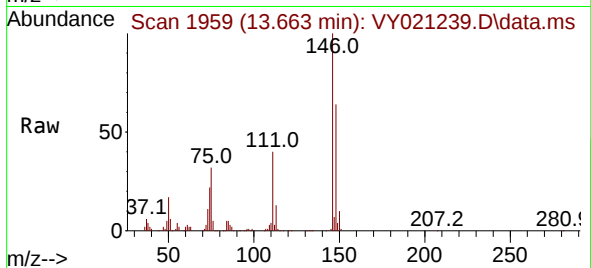
Tgt Ion:146 Resp: 84730

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.617 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

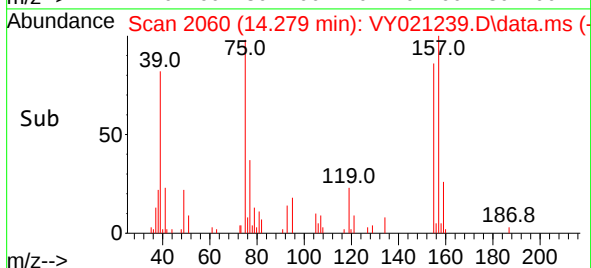
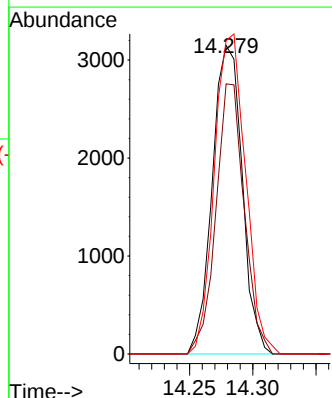
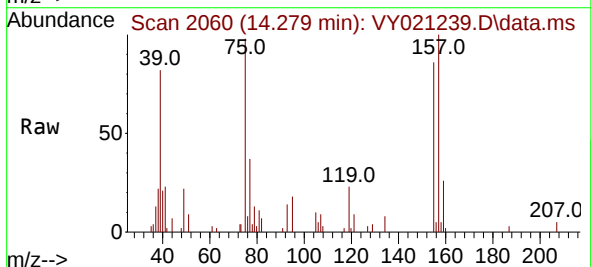
Tgt Ion: 75 Resp: 5172

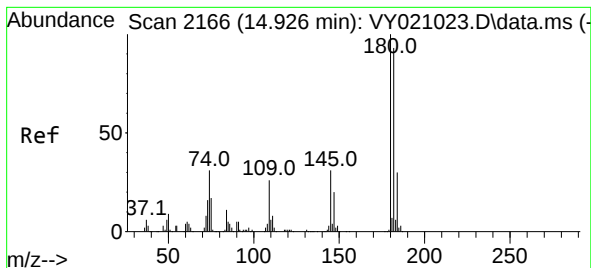
Ion Ratio Lower Upper

75 100

155 82.9 42.1 126.3

157 108.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 23.848 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

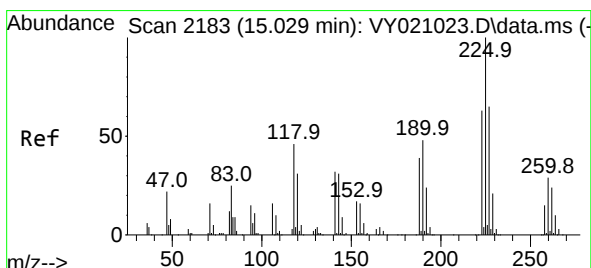
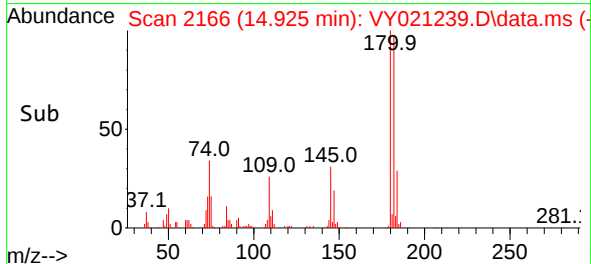
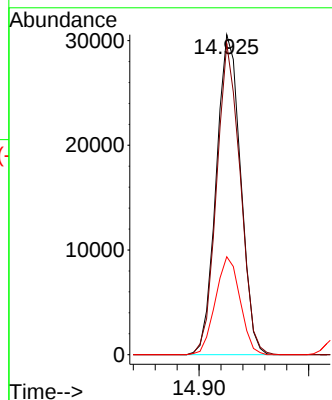
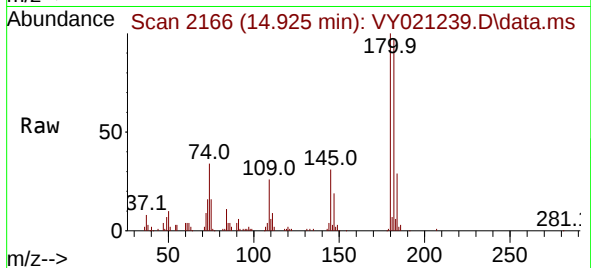
Tgt Ion:180 Resp: 47236

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 30.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 23.549 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

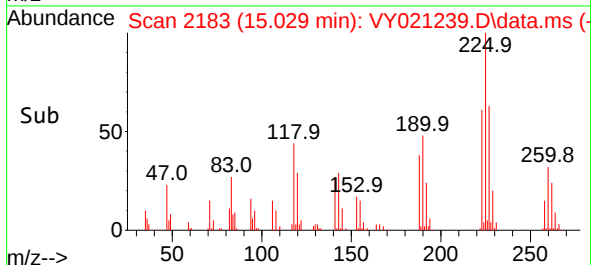
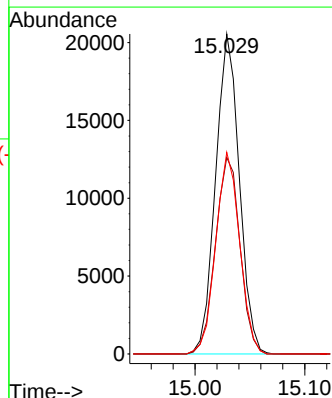
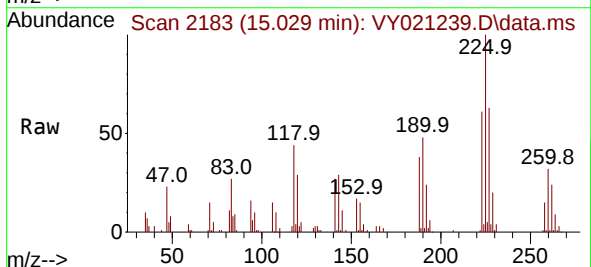
Tgt Ion:225 Resp: 30909

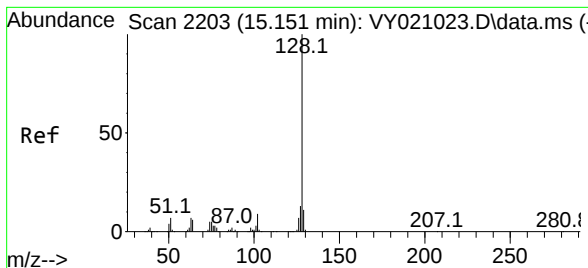
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 63.4 32.3 96.8





#95

Naphthalene

Concen: 23.827 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

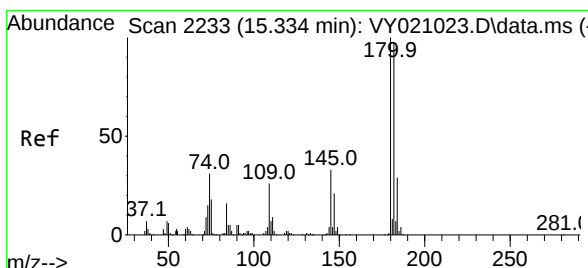
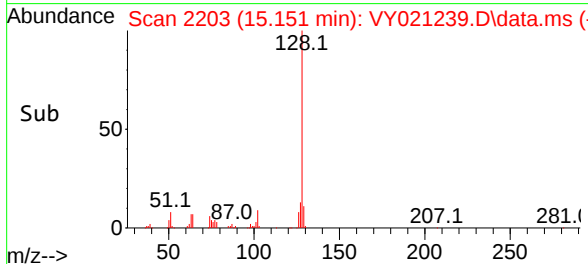
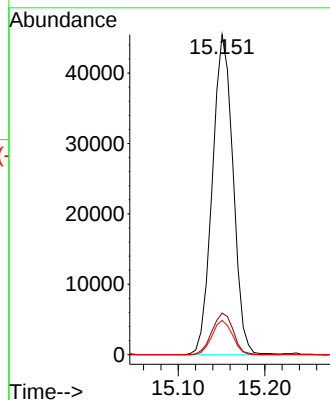
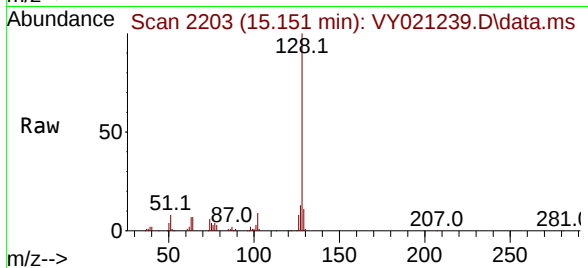
Tgt Ion:128 Resp: 75504

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 23.334 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021239.D

Acq: 19 Feb 2025 16:12

Tgt Ion:180 Resp: 38462

Ion Ratio Lower Upper

180 100

182 97.6 46.3 138.8

145 33.4 16.1 48.2

