

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021238.D
 Acq On : 19 Feb 2025 15:49
 Operator : SY/MD
 Sample : VY0219SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

Quant Time: Feb 20 00:17:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	187422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	302089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	255752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	127239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	96623	50.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.640	113	94052	48.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.160%	
50) Toluene-d8	10.115	98	348838	47.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.660%	
62) 4-Bromofluorobenzene	12.414	95	121983	50.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	46376	27.762	ug/l	95
3) Chloromethane	2.074	50	49490	30.024	ug/l	98
4) Vinyl Chloride	2.208	62	48103	28.993	ug/l	99
5) Bromomethane	2.604	94	28987	28.268	ug/l	97
6) Chloroethane	2.745	64	28721	29.080	ug/l	98
7) Trichlorofluoromethane	3.068	101	73884	24.443	ug/l	99
8) Diethyl Ether	3.464	74	21968	23.281	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.830	101	44280	23.341	ug/l	98
10) Methyl Iodide	4.019	142	48916	23.209	ug/l	93
11) Tert butyl alcohol	4.885	59	14572	111.981	ug/l #	92
12) 1,1-Dichloroethene	3.805	96	42418	23.737	ug/l	95
13) Acrolein	3.659	56	17095	85.311	ug/l	98
14) Allyl chloride	4.397	41	72775	24.163	ug/l	96
15) Acrylonitrile	5.067	53	44404	113.006	ug/l	98
16) Acetone	3.885	43	39310	131.268	ug/l	94
17) Carbon Disulfide	4.116	76	137791	24.590	ug/l	99
18) Methyl Acetate	4.391	43	23178	22.048	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	105645	23.389	ug/l	97
20) Methylene Chloride	4.628	84	45224	24.293	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	45969	23.369	ug/l	97
22) Diisopropyl ether	6.025	45	150882	24.305	ug/l	93
23) Vinyl Acetate	5.970	43	412742	119.267	ug/l	98
24) 1,1-Dichloroethane	5.927	63	85267	23.444	ug/l	98
25) 2-Butanone	6.909	43	58186	118.240	ug/l	96
26) 2,2-Dichloropropane	6.890	77	77868	23.138	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	51981	22.958	ug/l	91
28) Bromochloromethane	7.256	49	29792	20.715	ug/l	100
29) Tetrahydrofuran	7.268	42	38714	116.263	ug/l	95
30) Chloroform	7.433	83	86955	23.276	ug/l	99
31) Cyclohexane	7.707	56	77540	23.674	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78817	22.692	ug/l	100
36) 1,1-Dichloropropene	7.841	75	63470	22.134	ug/l	99
37) Ethyl Acetate	6.994	43	28755	22.858	ug/l	100
38) Carbon Tetrachloride	7.823	117	71680	21.393	ug/l	99
39) Methylcyclohexane	9.115	83	79691	22.720	ug/l	98
40) Benzene	8.085	78	190547	22.643	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	14636	20.111	ug/l	95
42) 1,2-Dichloroethane	8.164	62	52885	22.655	ug/l	96
43) Isopropyl Acetate	8.201	43	54845	21.942	ug/l	98
44) Trichloroethene	8.872	130	47883	22.024	ug/l	92
45) 1,2-Dichloropropane	9.146	63	45225	22.642	ug/l	98
46) Dibromomethane	9.237	93	23475	21.227	ug/l	95
47) Bromodichloromethane	9.432	83	65662	22.139	ug/l	95
48) Methyl methacrylate	9.225	41	26336	23.131	ug/l	94
49) 1,4-Dioxane	9.243	88	4617	448.469	ug/l	91
51) 4-Methyl-2-Pentanone	10.006	43	138316	110.039	ug/l	96
52) Toluene	10.176	92	119448	22.606	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	58250	21.872	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	69958	22.186	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	31141	21.745	ug/l	96
56) Ethyl methacrylate	10.444	69	41640	21.735	ug/l	93
57) 1,3-Dichloropropane	10.725	76	55442	22.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	92595	101.594	ug/l	99
59) 2-Hexanone	10.768	43	89716	110.855	ug/l	96
60) Dibromochloromethane	10.920	129	43058	21.410	ug/l	97
61) 1,2-Dibromoethane	11.018	107	29203	21.771	ug/l	98
64) Tetrachloroethene	10.652	164	41352	21.781	ug/l	96
65) Chlorobenzene	11.450	112	124714	21.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	44369	21.924	ug/l	98
67) Ethyl Benzene	11.524	91	220992	21.940	ug/l	99
68) m/p-Xylenes	11.633	106	170065	45.133	ug/l	98
69) o-Xylene	11.963	106	78675	22.395	ug/l	96
70) Styrene	11.975	104	130042	22.209	ug/l	97
71) Bromoform	12.139	173	24089	21.385	ug/l #	98
73) Isopropylbenzene	12.261	105	211405	21.270	ug/l	100
74) N-amyl acetate	12.078	43	45761	21.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	34149	20.659	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	45907	39.773	ug/l #	100
77) Bromobenzene	12.542	156	47410	20.670	ug/l	96
78) n-propylbenzene	12.603	91	255730	21.599	ug/l	99
79) 2-Chlorotoluene	12.688	91	145452	21.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	173873	21.577	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11131	19.678	ug/l	87
82) 4-Chlorotoluene	12.786	91	151381	21.910	ug/l	98
83) tert-Butylbenzene	13.005	119	155556	21.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	170537	21.644	ug/l	100
85) sec-Butylbenzene	13.182	105	222457	21.099	ug/l	98
86) p-Isopropyltoluene	13.298	119	185286	21.155	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	93571	21.128	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	92191	21.142	ug/l	99
89) n-Butylbenzene	13.627	91	169011	21.153	ug/l	98
90) Hexachloroethane	13.889	117	38075	20.838	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	80080	20.833	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5034	20.379	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	44493	20.795	ug/l	98
94) Hexachlorobutadiene	15.029	225	29370	20.714	ug/l	98
95) Naphthalene	15.151	128	69571	20.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	36476	20.486	ug/l	97

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

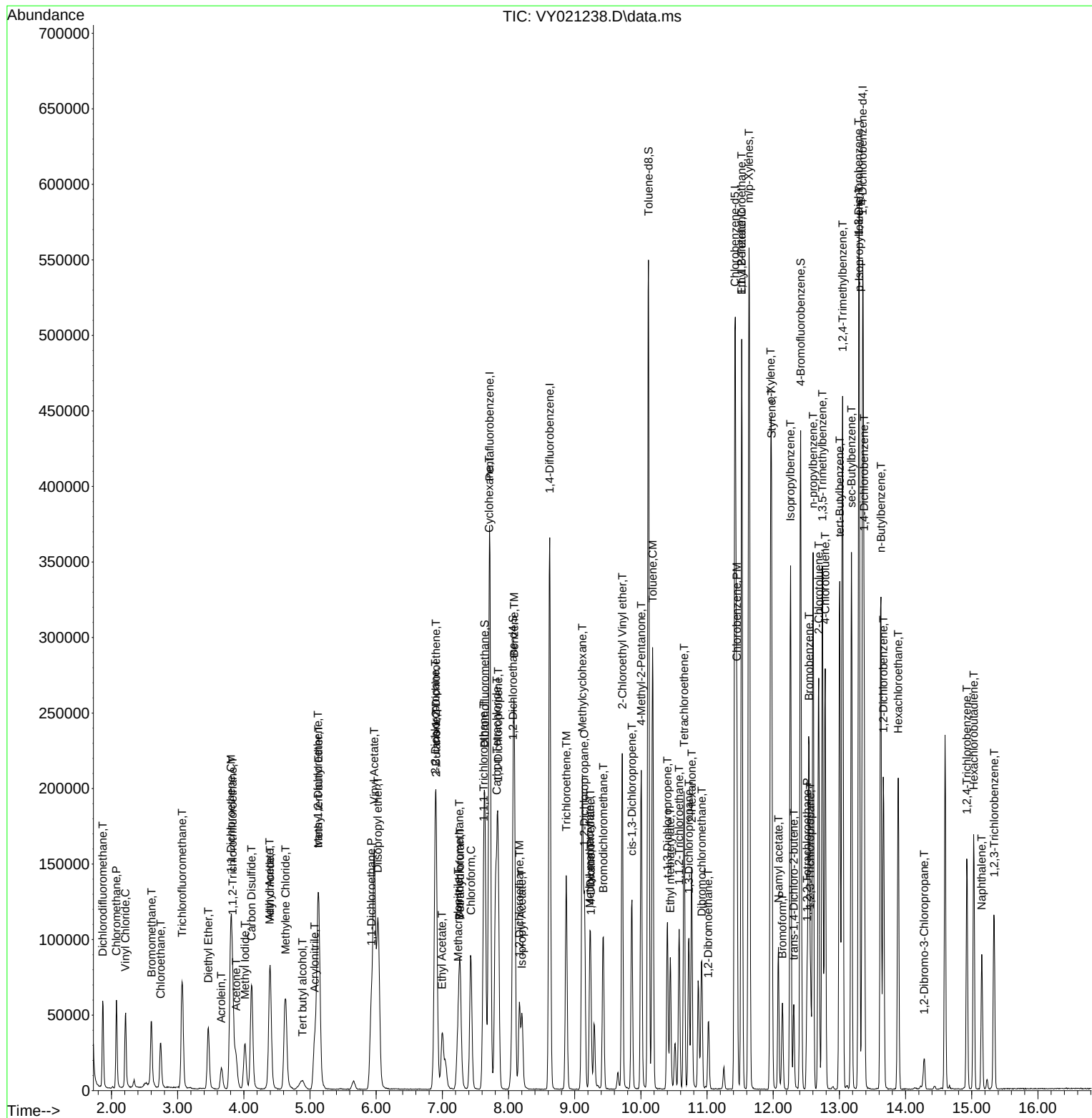
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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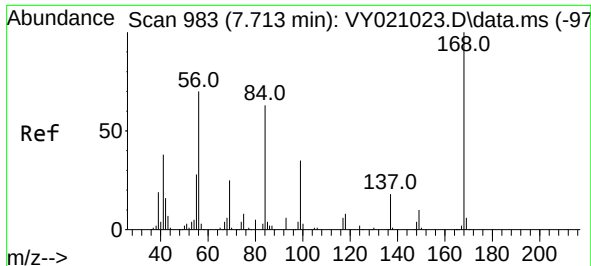
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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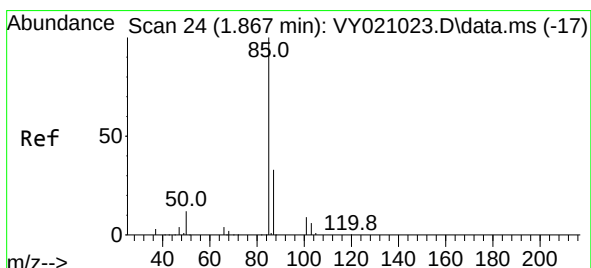
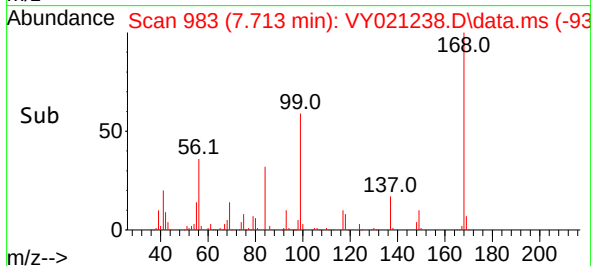
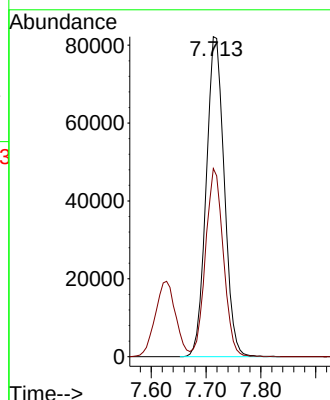
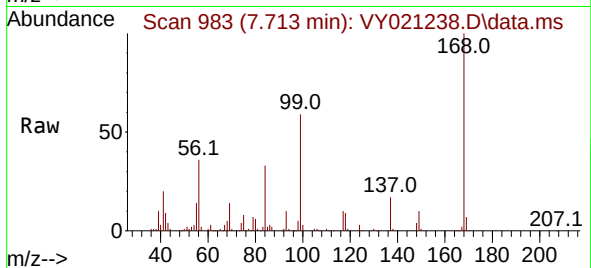




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021238.D
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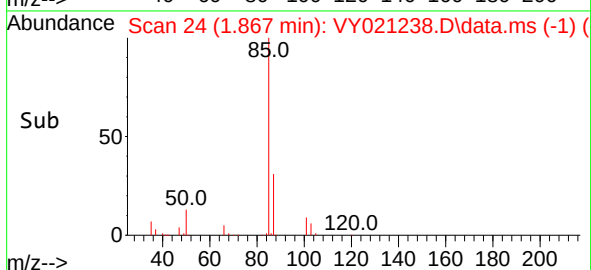
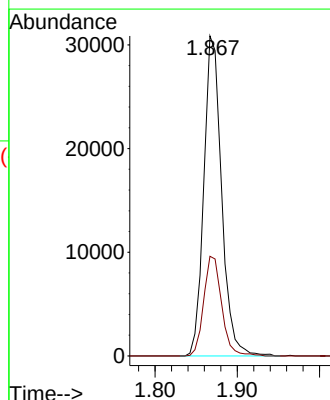
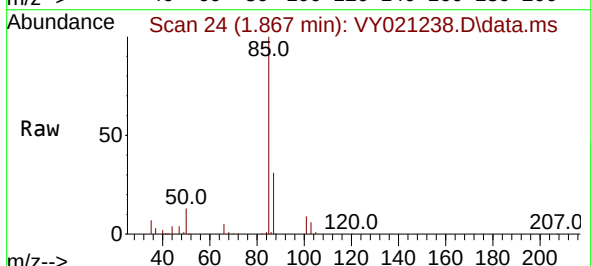
Instrument :
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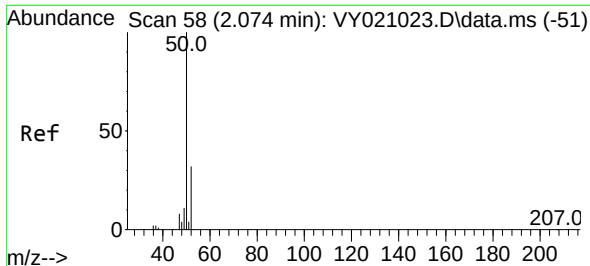
Tgt Ion:168 Resp: 187422
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 27.762 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 85 Resp: 46376
Ion Ratio Lower Upper
85 100
87 31.1 17.1 51.3

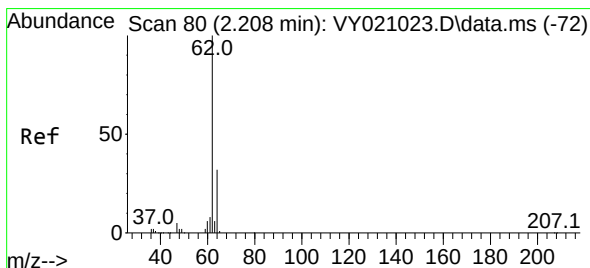
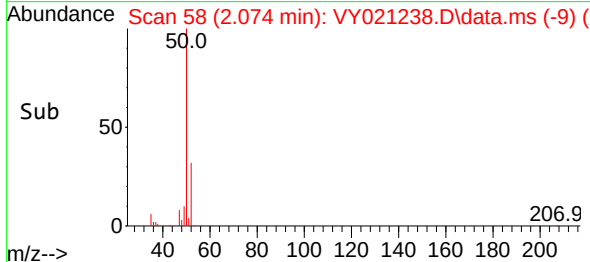
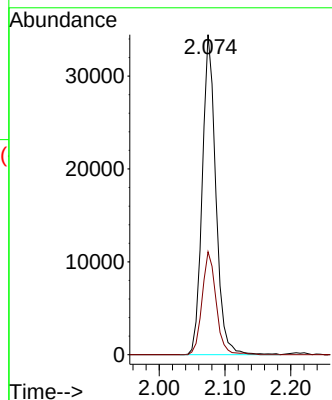
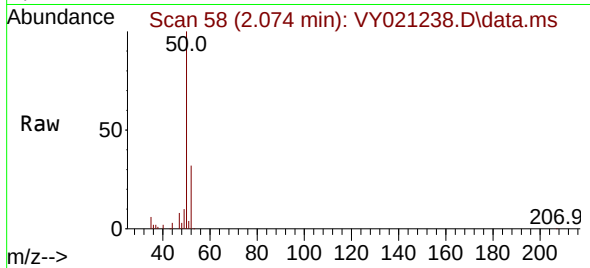




#3
Chloromethane
Concen: 30.024 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

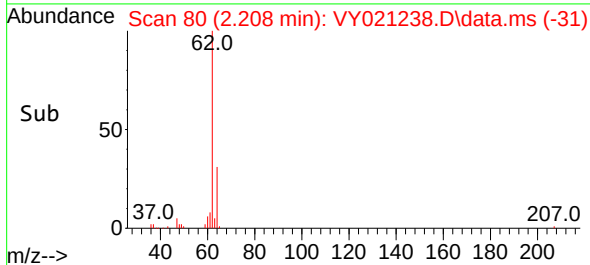
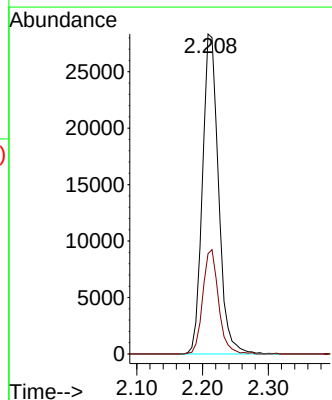
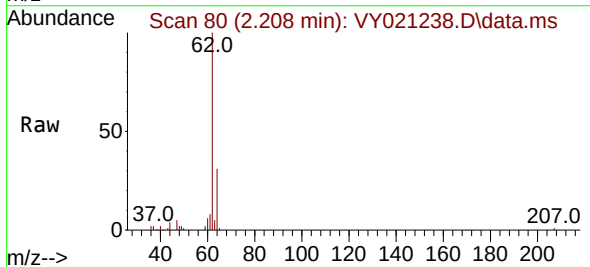
Instrument :
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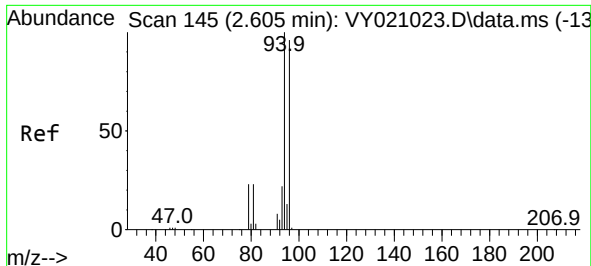
Tgt Ion: 50 Resp: 49490
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 28.993 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 62 Resp: 48103
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5

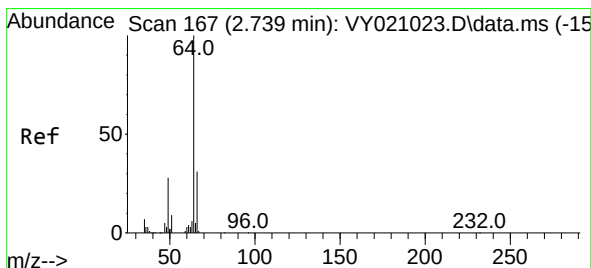
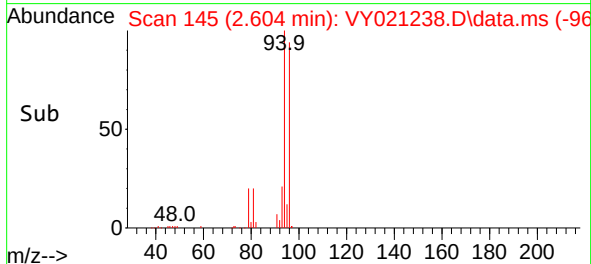
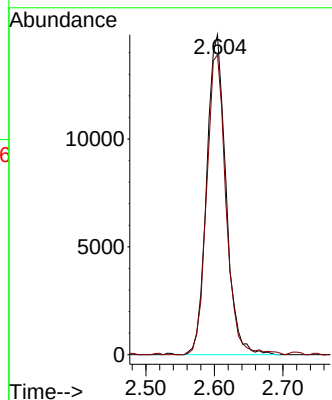
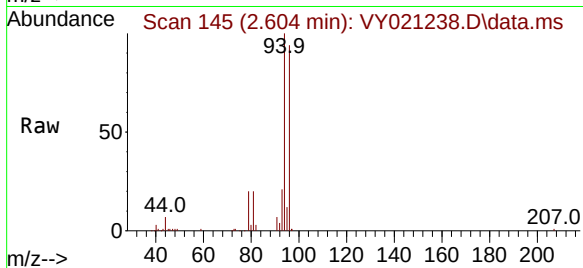




#5
Bromomethane
Concen: 28.268 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

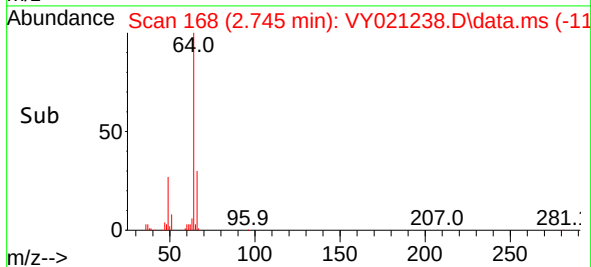
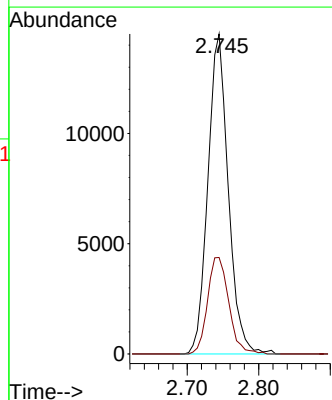
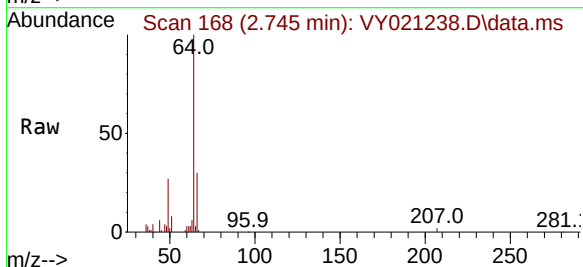
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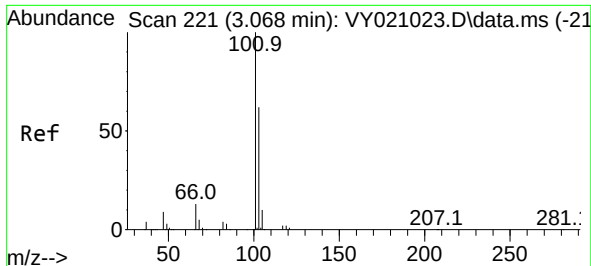
Tgt Ion: 94 Resp: 28987
Ion Ratio Lower Upper
94 100
96 93.8 77.3 115.9



#6
Chloroethane
Concen: 29.080 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 64 Resp: 28721
Ion Ratio Lower Upper
64 100
66 30.2 25.1 37.7

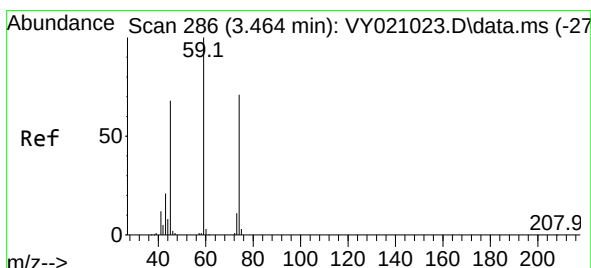
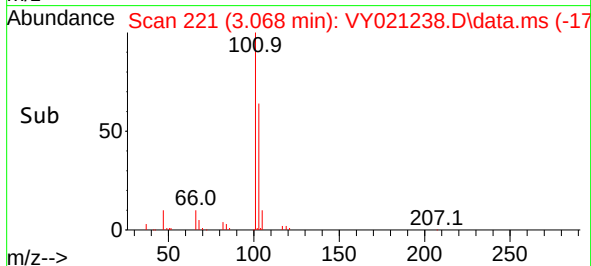
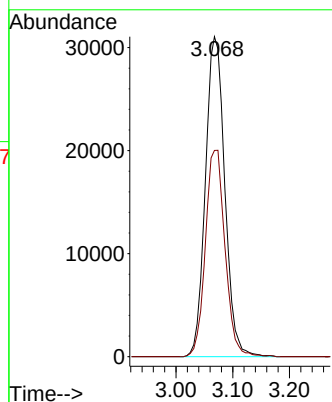
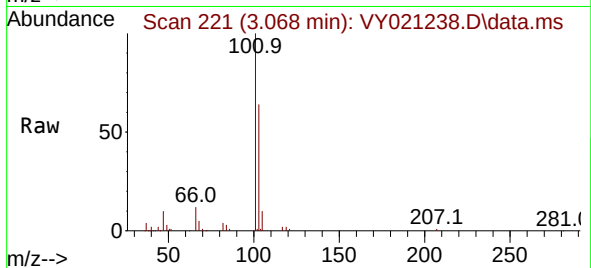




#7
 Trichlorofluoromethane
 Concen: 24.443 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

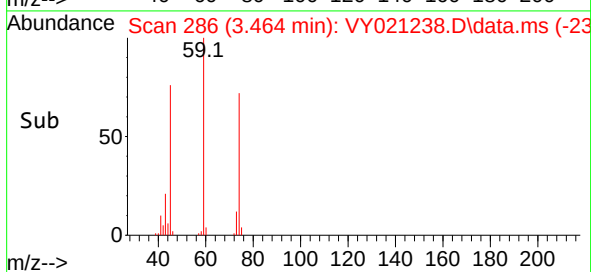
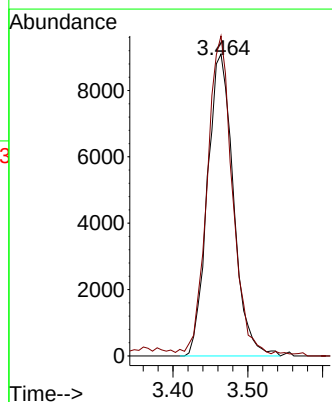
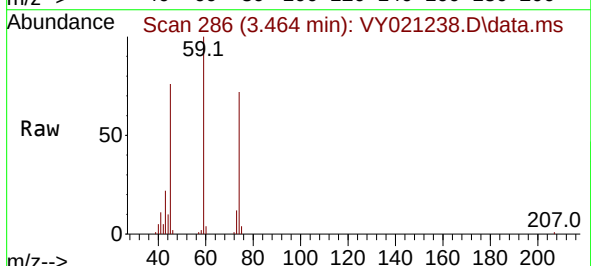
Instrument :
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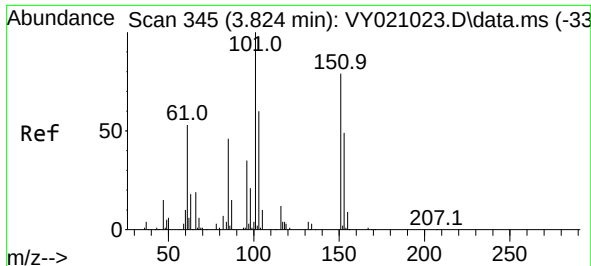
Tgt Ion:101 Resp: 73884
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 23.281 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021238.D
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Tgt Ion: 74 Resp: 21968
 Ion Ratio Lower Upper
 74 100
 45 101.4 47.9 143.7

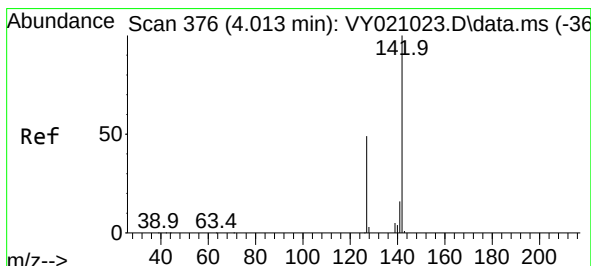
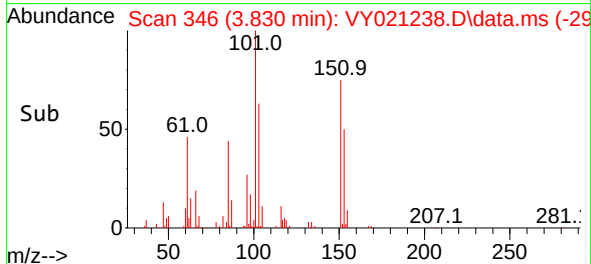
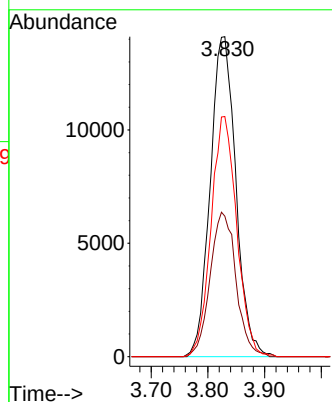
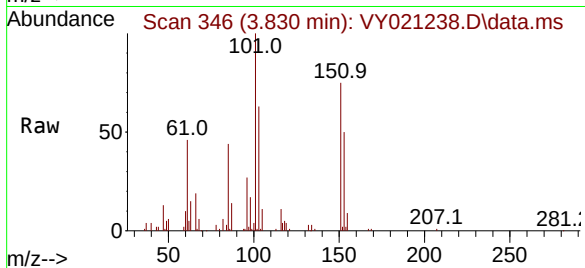




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.341 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

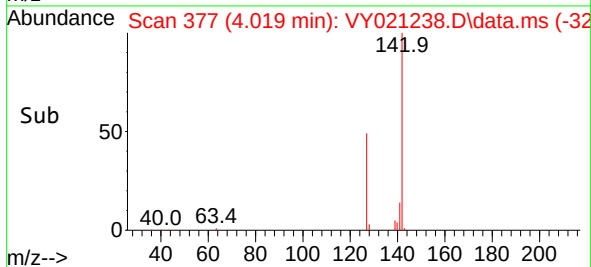
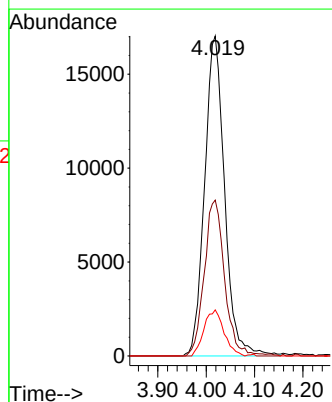
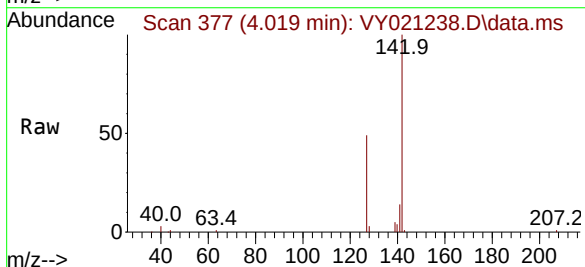
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

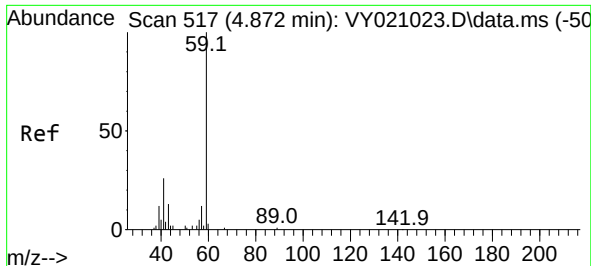
Tgt Ion:101 Resp: 44280
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 75.2 58.6 88.0



#10
Methyl Iodide
Concen: 23.209 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:142 Resp: 48916
Ion Ratio Lower Upper
142 100
127 49.7 35.1 52.7
141 14.4 11.8 17.6

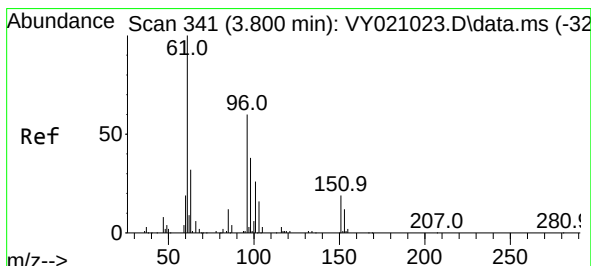
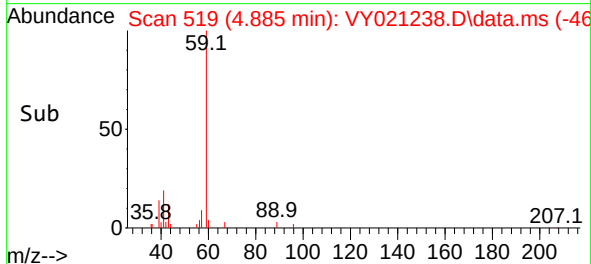
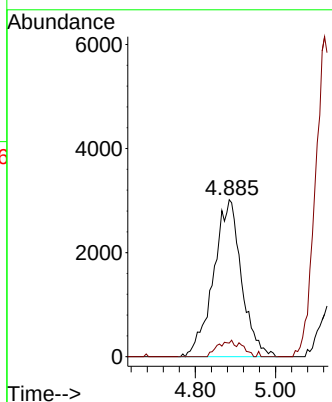
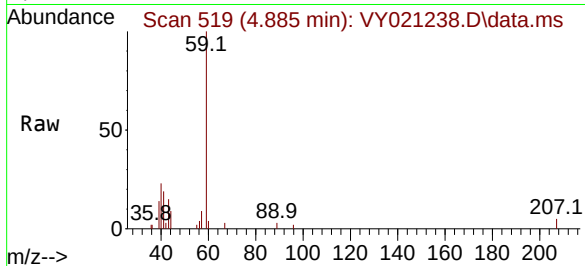




#11
Tert butyl alcohol
Concen: 111.981 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

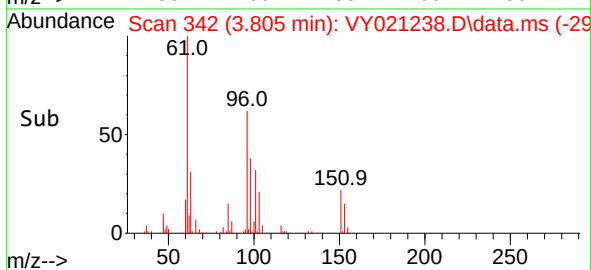
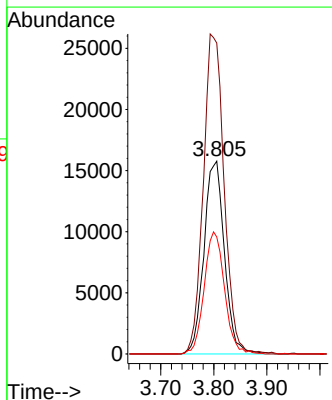
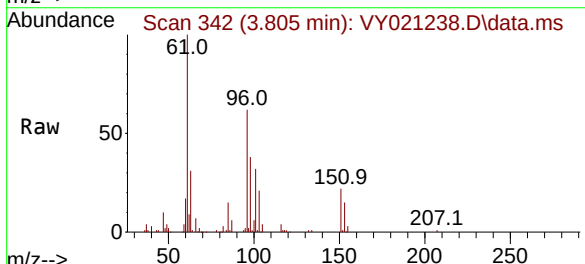
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

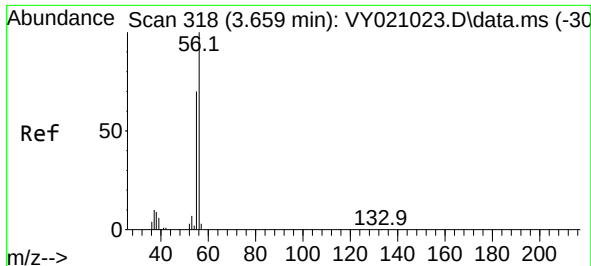
Tgt Ion: 59 Resp: 14572
Ion Ratio Lower Upper
59 100
57 6.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 23.737 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 96 Resp: 42418
Ion Ratio Lower Upper
96 100
61 161.2 124.2 186.2
98 60.7 52.6 79.0

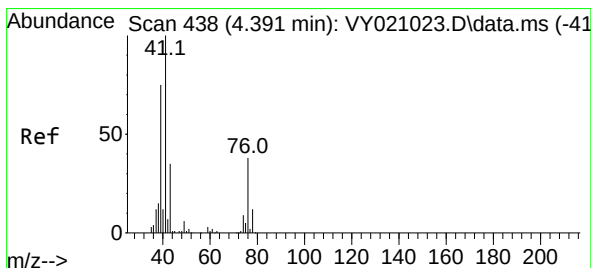
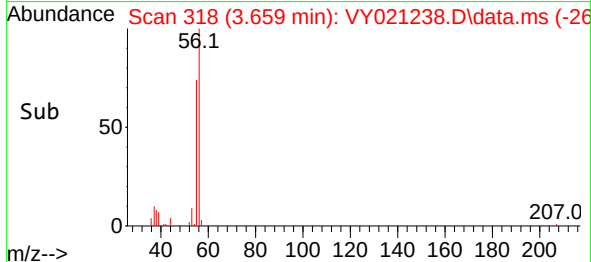
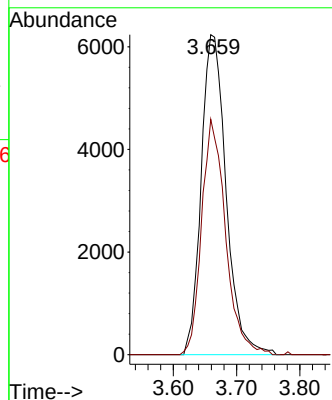
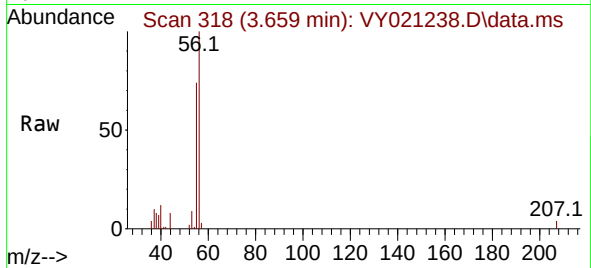




#13
Acrolein
Concen: 85.311 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

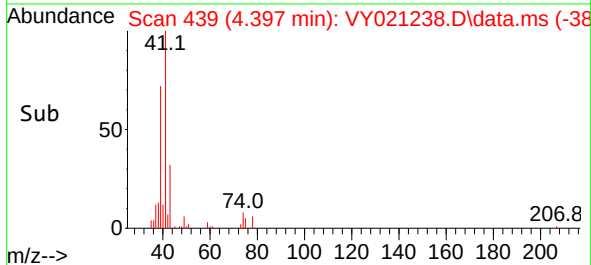
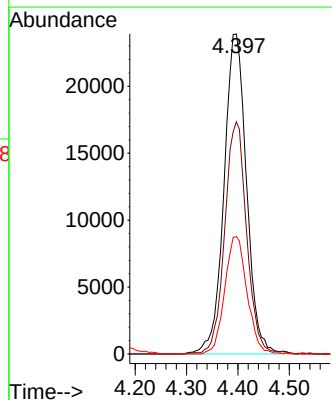
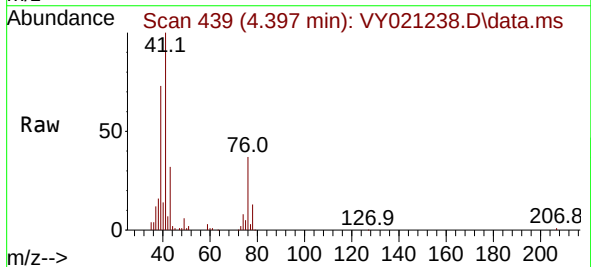
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

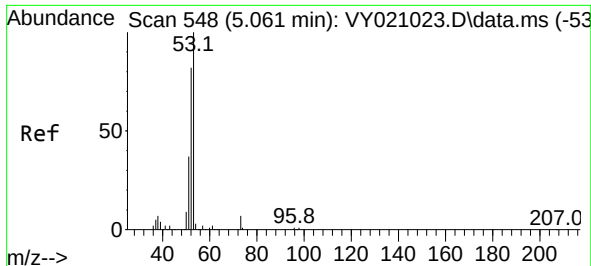
Tgt Ion: 56 Resp: 17095
Ion Ratio Lower Upper
56 100
55 70.7 55.4 83.0



#14
Allyl chloride
Concen: 24.163 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 41 Resp: 72775
Ion Ratio Lower Upper
41 100
39 70.8 54.7 82.1
76 36.3 31.8 47.6

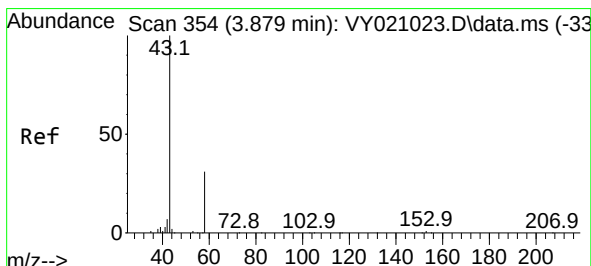
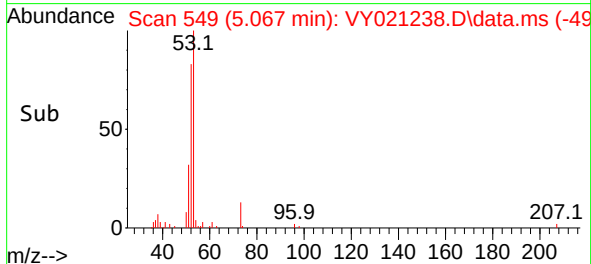
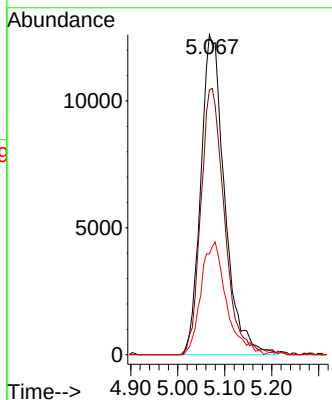
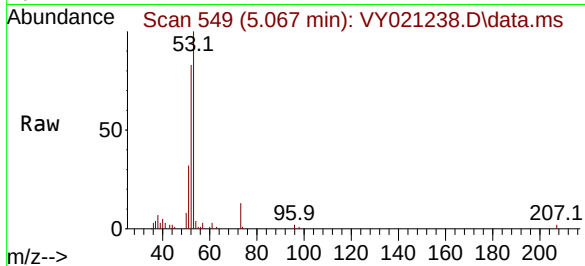




#15
Acrylonitrile
Concen: 113.006 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

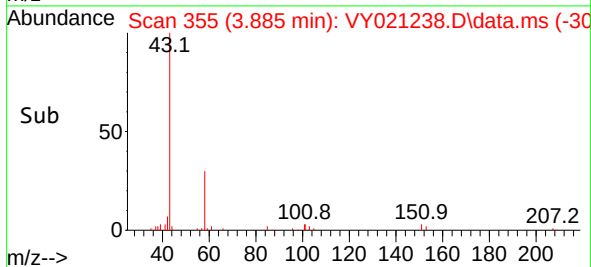
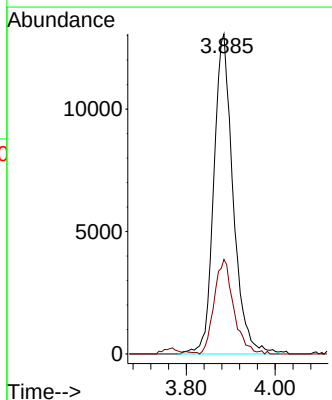
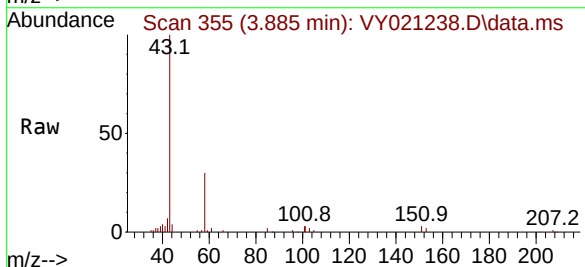
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

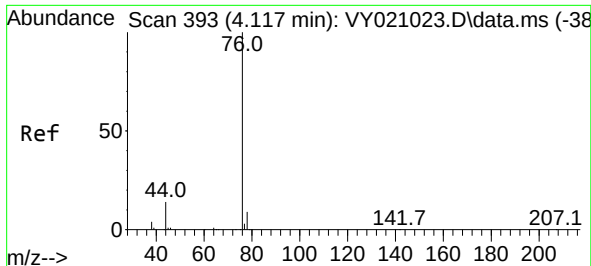
Tgt Ion: 53 Resp: 44404
Ion Ratio Lower Upper
53 100
52 83.0 65.1 97.7
51 37.4 29.0 43.4



#16
Acetone
Concen: 131.268 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 43 Resp: 39310
Ion Ratio Lower Upper
43 100
58 29.6 26.6 39.8

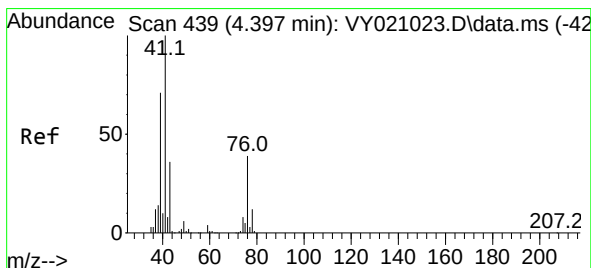
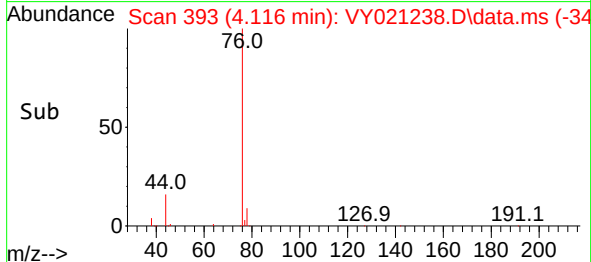
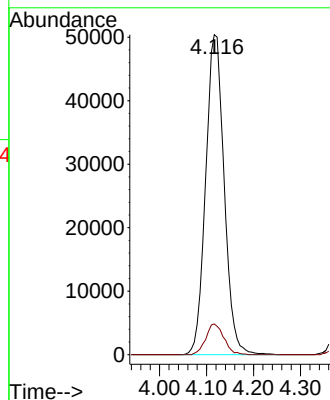
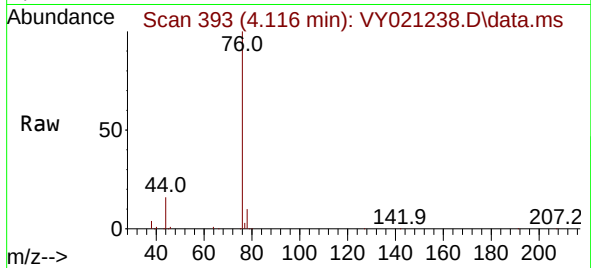




#17
Carbon Disulfide
Concen: 24.590 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

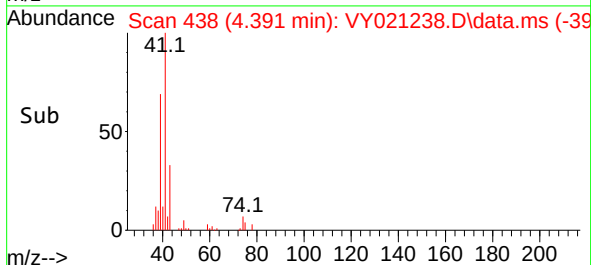
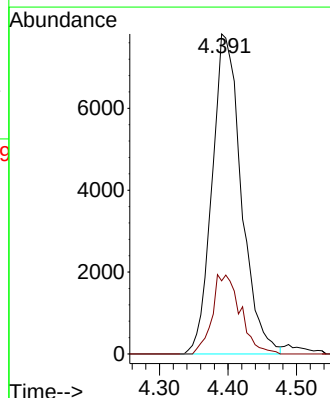
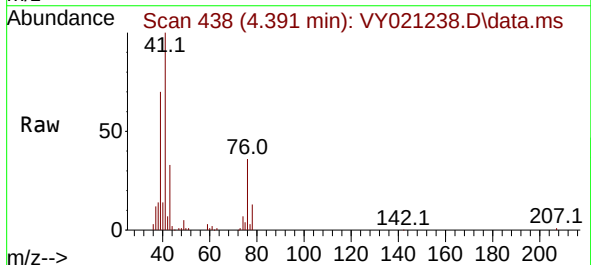
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

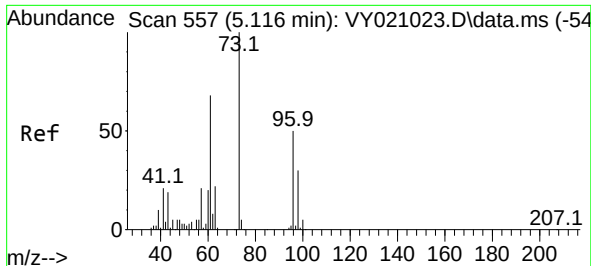
Tgt Ion: 76 Resp: 137791
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.048 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 43 Resp: 23178
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6

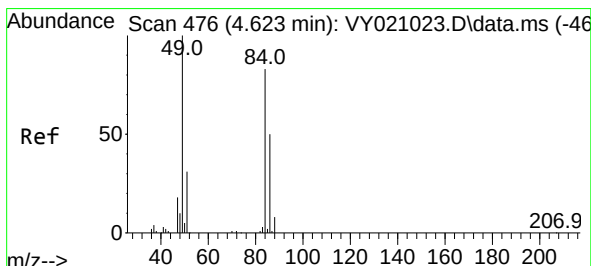
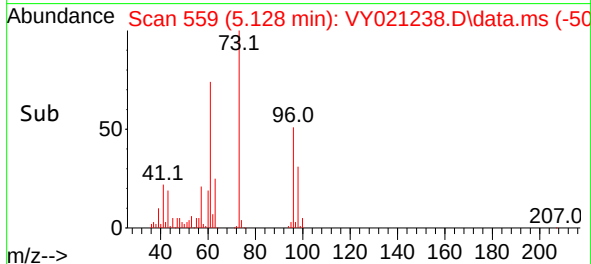
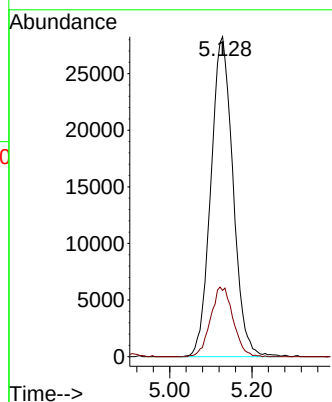
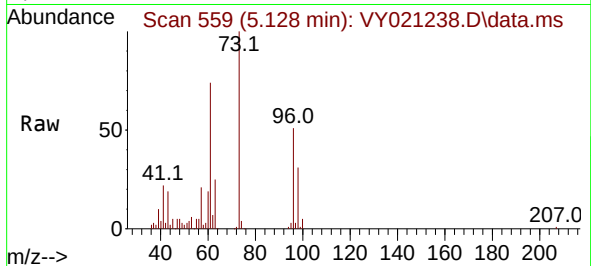




#19
Methyl tert-butyl Ether
Concen: 23.389 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

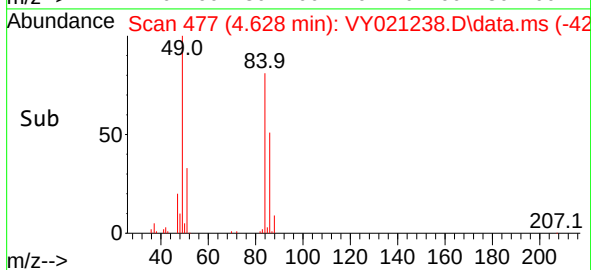
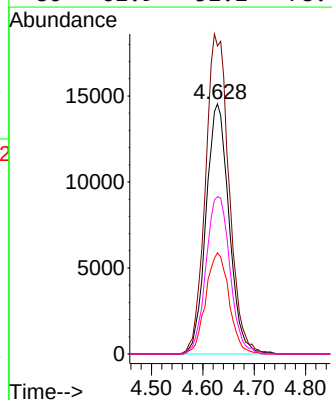
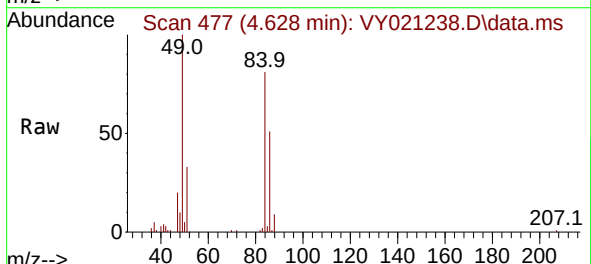
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

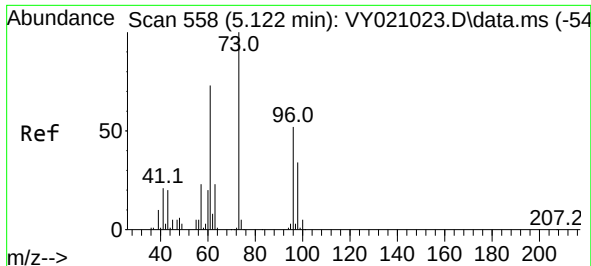
Tgt Ion: 73 Resp: 105645
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5



#20
Methylene Chloride
Concen: 24.293 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 84 Resp: 45224
Ion Ratio Lower Upper
84 100
49 123.1 95.2 142.8
51 40.4 29.9 44.9
86 62.9 52.2 78.4

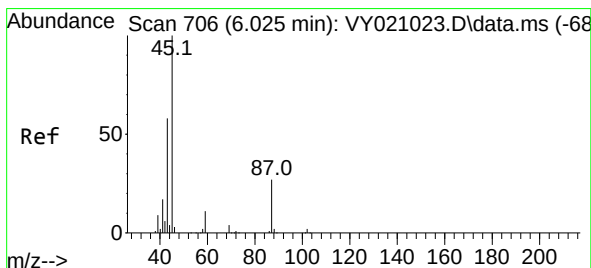
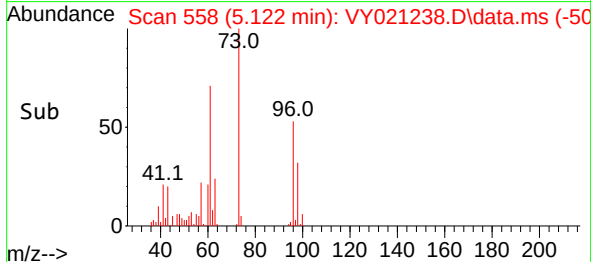
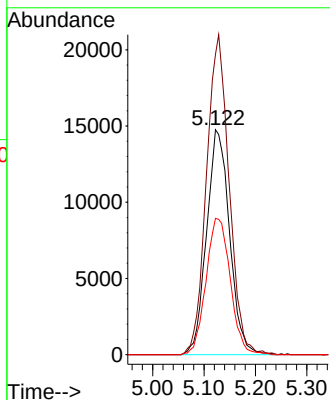
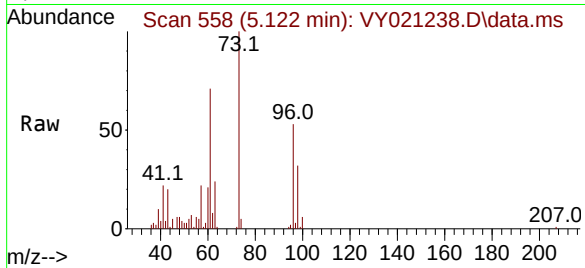




#21
trans-1,2-Dichloroethene
Concen: 23.369 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

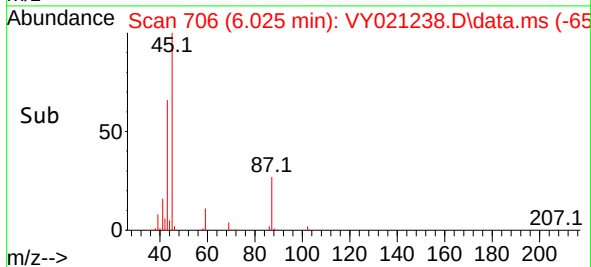
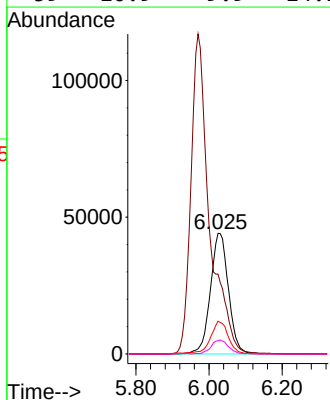
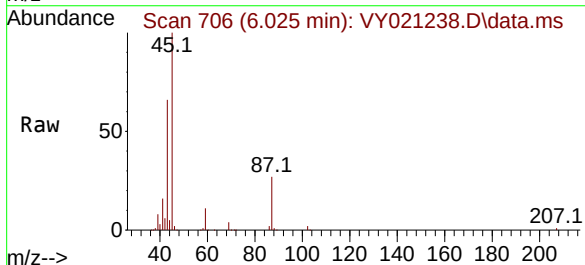
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

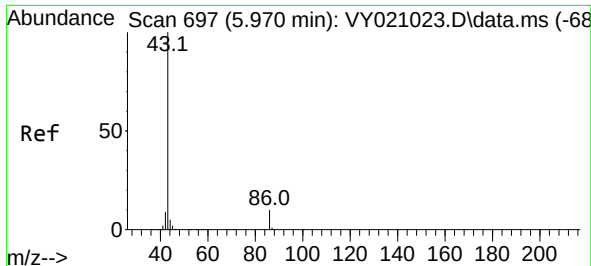
Tgt Ion: 96 Resp: 45969
Ion Ratio Lower Upper
96 100
61 133.5 104.6 156.8
98 60.6 50.9 76.3



#22
Diisopropyl ether
Concen: 24.305 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 45 Resp: 150882
Ion Ratio Lower Upper
45 100
43 65.9 46.8 70.2
87 27.2 22.2 33.2
59 10.9 9.9 14.9

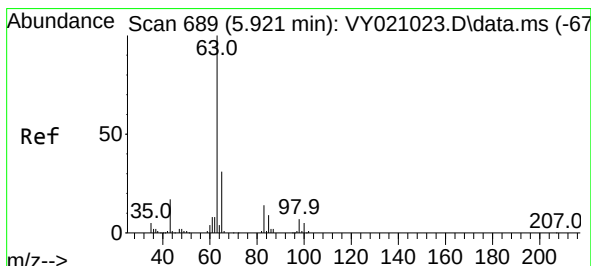
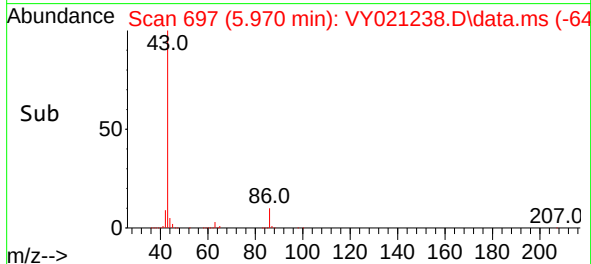
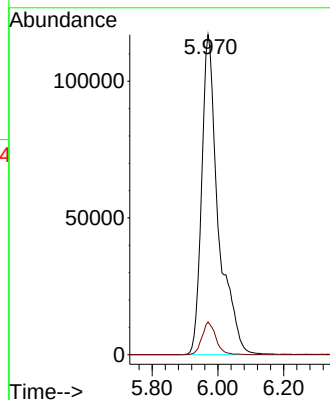
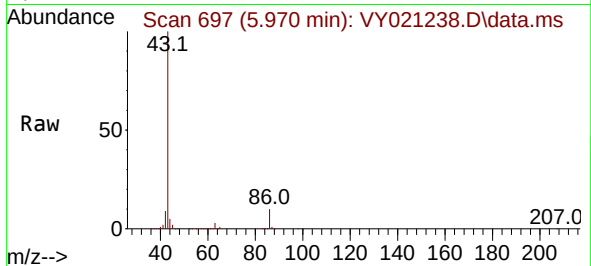




#23
 Vinyl Acetate
 Concen: 119.267 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

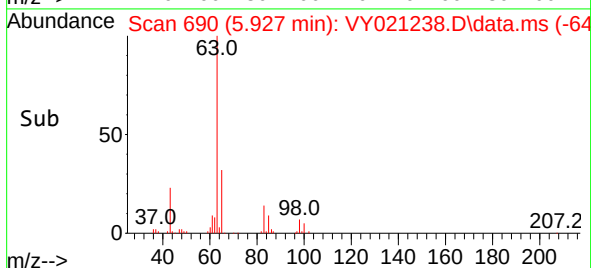
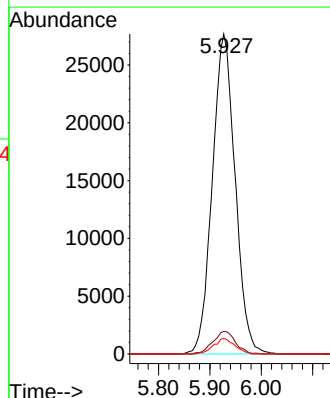
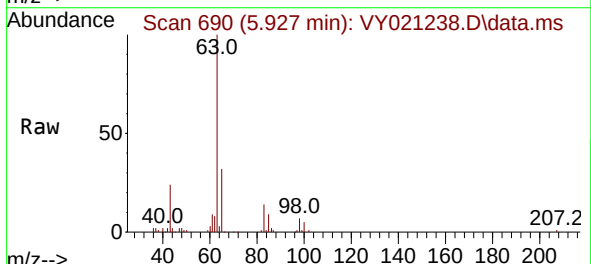
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

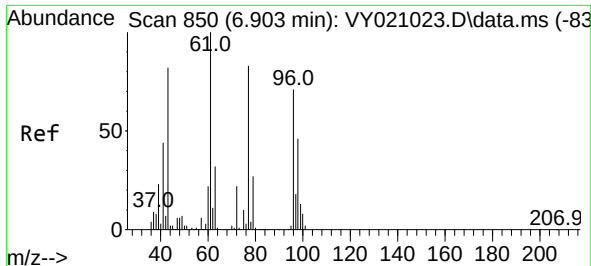
Tgt Ion: 43 Resp: 412742
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 23.444 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

Tgt Ion: 63 Resp: 85267
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.8 2.1 6.2

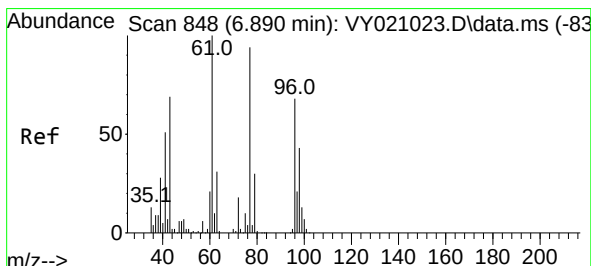
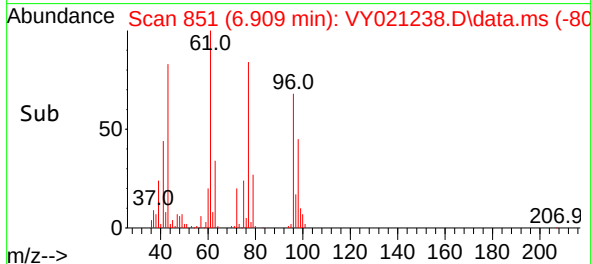
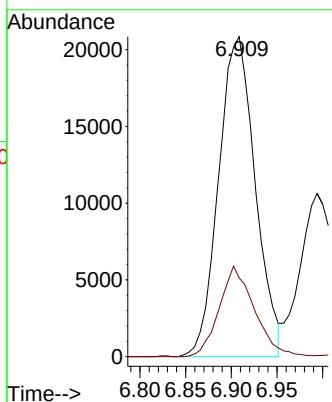
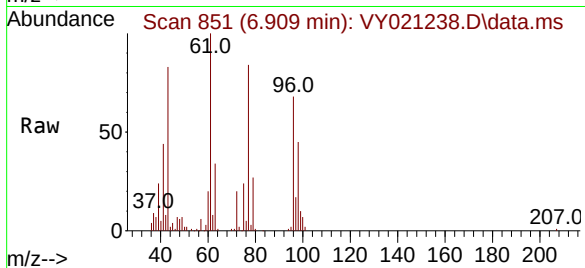




#25
2-Butanone
Concen: 118.240 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

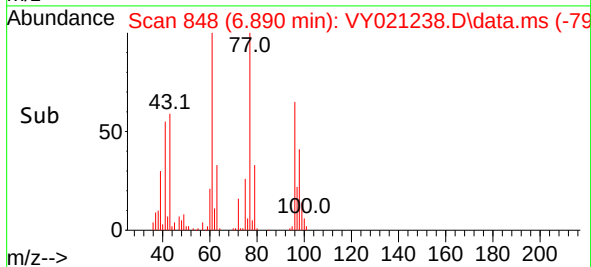
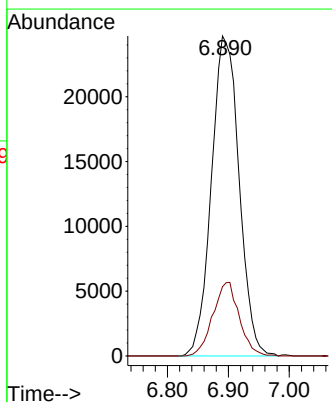
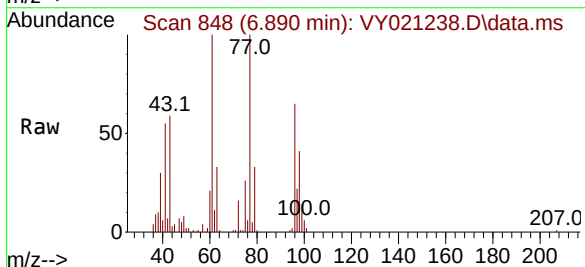
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

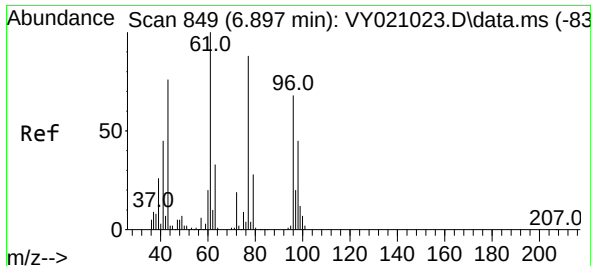
Tgt Ion: 43 Resp: 58186
Ion Ratio Lower Upper
43 100
72 24.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.138 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 77 Resp: 77868
Ion Ratio Lower Upper
77 100
97 21.9 11.7 35.0

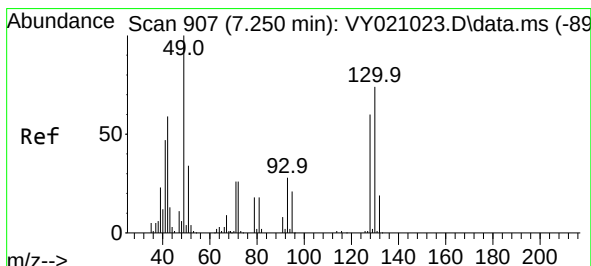
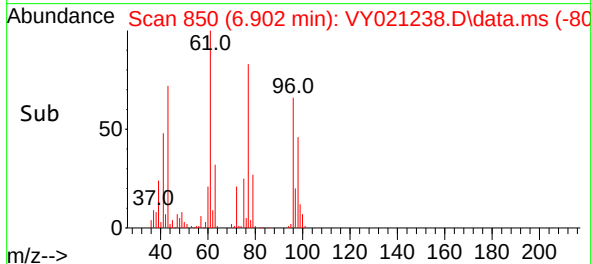
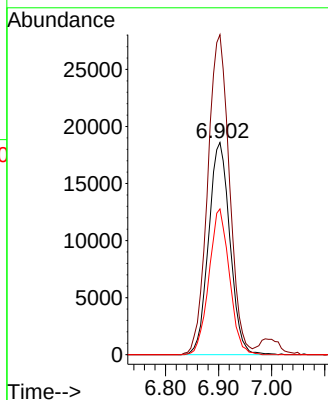
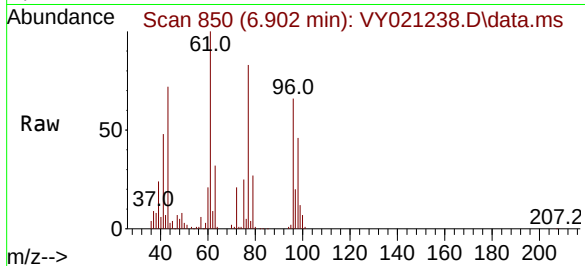




#27
 cis-1,2-Dichloroethene
 Concen: 22.958 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

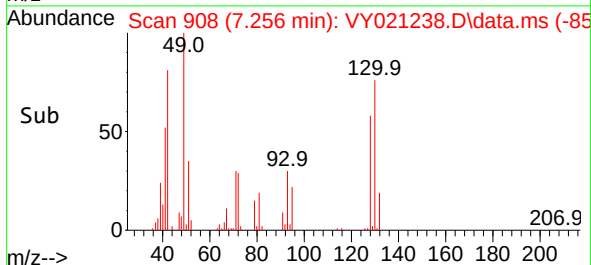
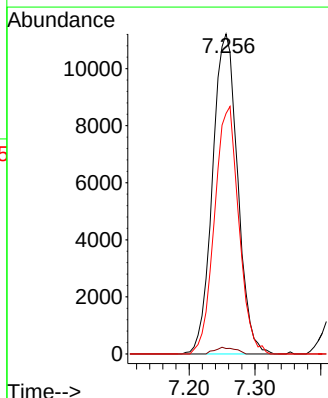
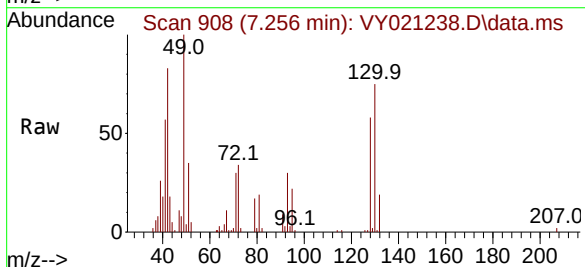
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

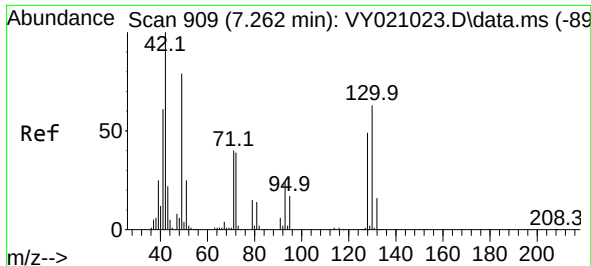
Tgt Ion:	96	Resp:	51981
Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	278.8
98	65.8	0.0	127.0



#28
 Bromochloromethane
 Concen: 20.715 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

Tgt Ion:	49	Resp:	29792
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	74.9	59.8	89.8





#29

Tetrahydrofuran

Concen: 116.263 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

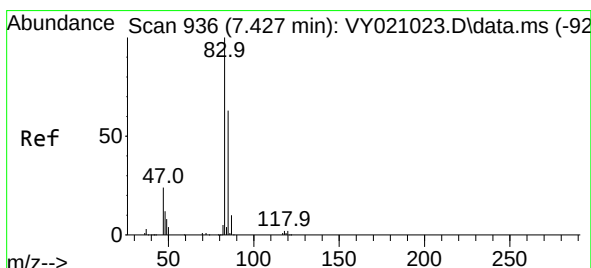
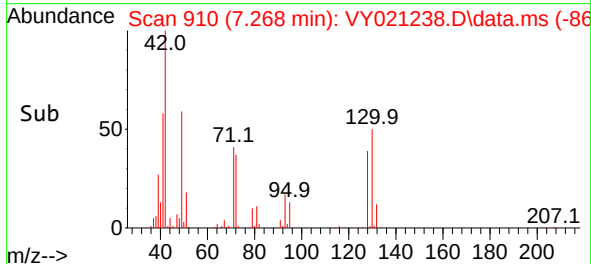
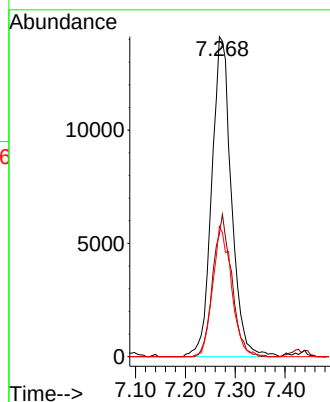
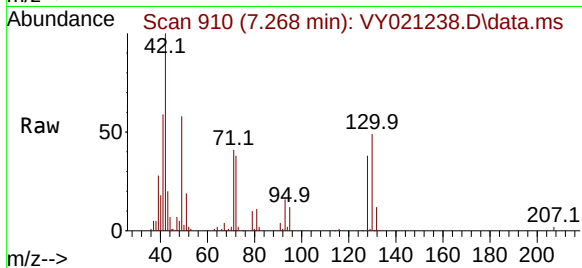
Tgt Ion: 42 Resp: 38714

Ion Ratio Lower Upper

42 100

72 42.3 36.6 54.8

71 39.1 33.8 50.6



#30

Chloroform

Concen: 23.276 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021238.D

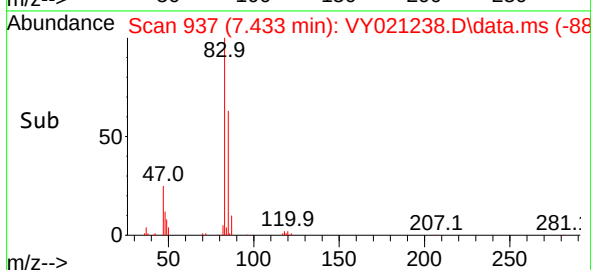
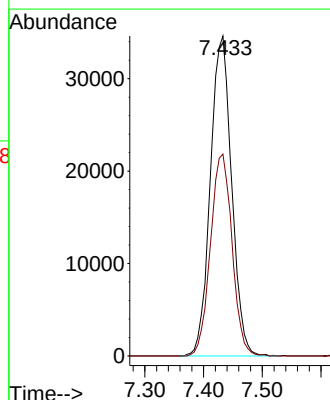
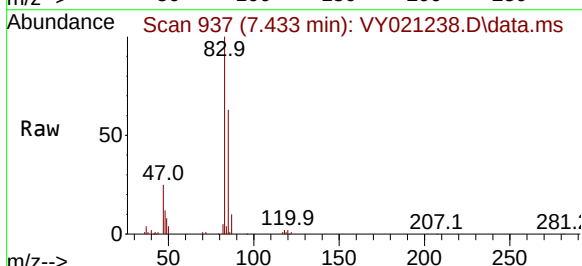
Acq: 19 Feb 2025 15:49

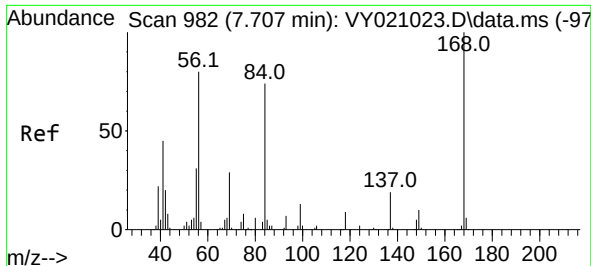
Tgt Ion: 83 Resp: 86955

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8

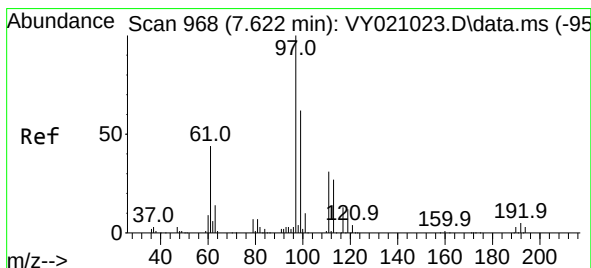
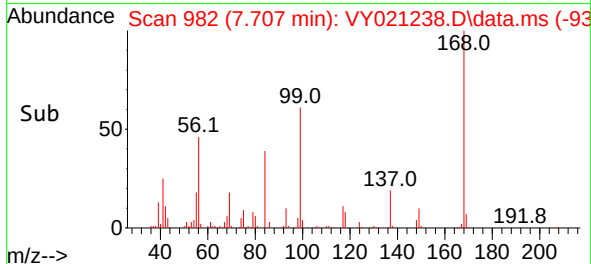
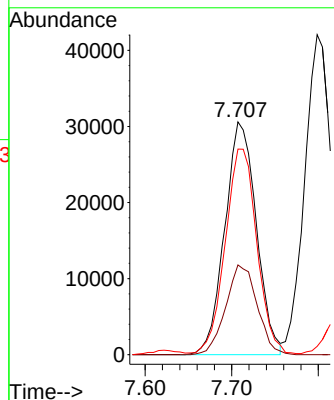
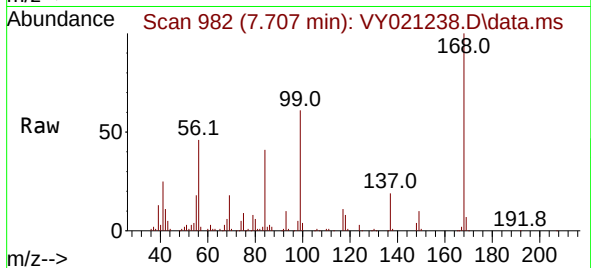




#31
Cyclohexane
Concen: 23.674 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

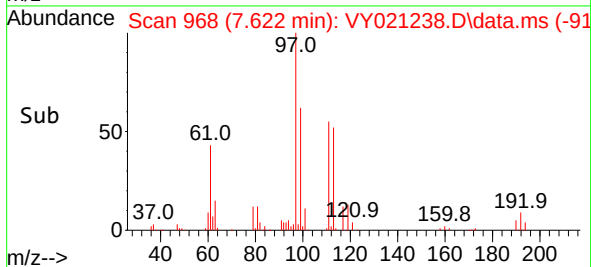
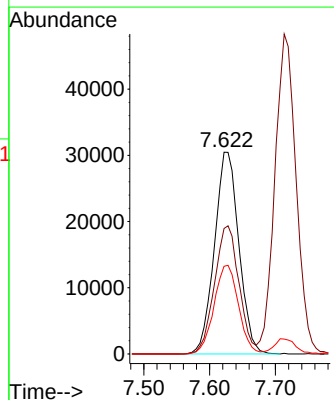
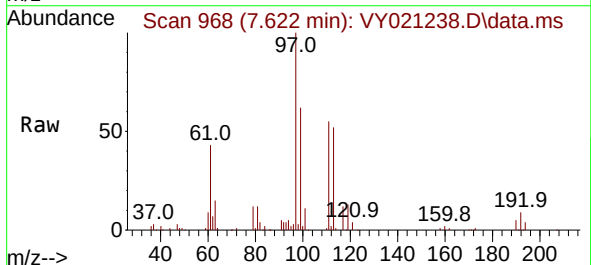
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

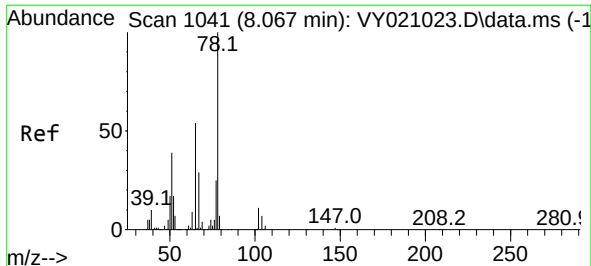
Tgt Ion: 56 Resp: 77540
Ion Ratio Lower Upper
56 100
69 38.5 27.0 40.6
84 87.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.692 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 97 Resp: 78817
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 43.9 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.317 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

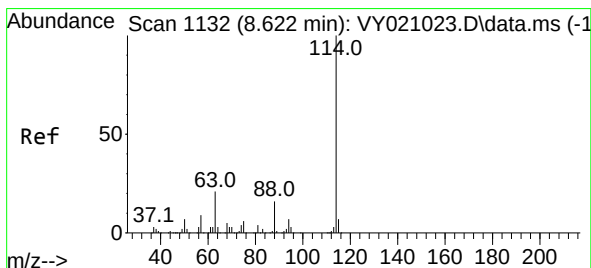
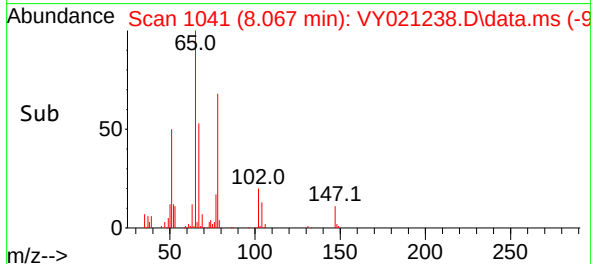
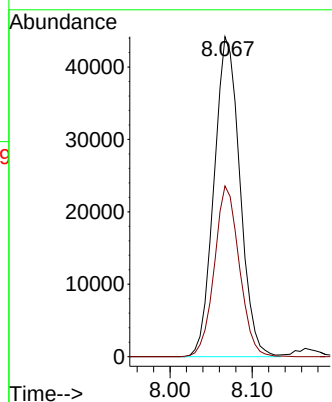
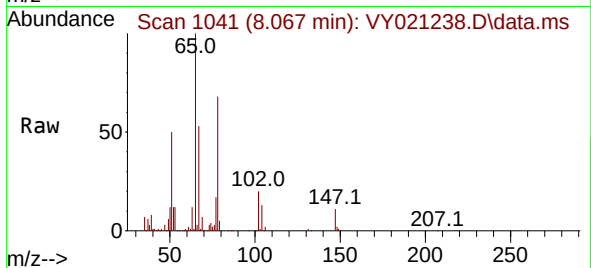
VY0219SBS01

Tgt Ion: 65 Resp: 96623

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

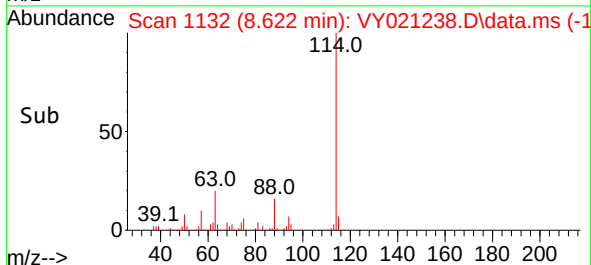
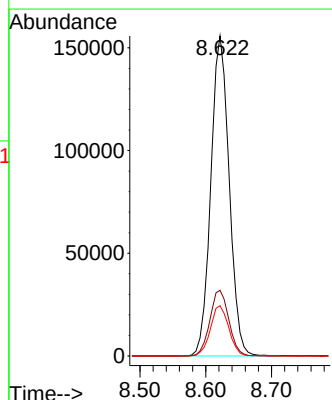
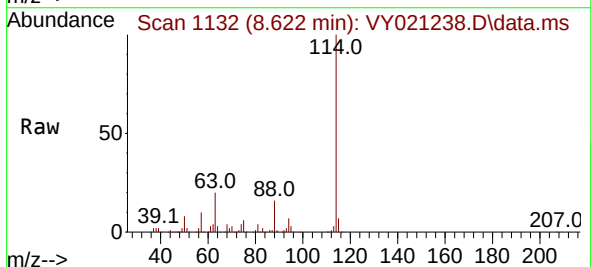
Tgt Ion: 114 Resp: 302089

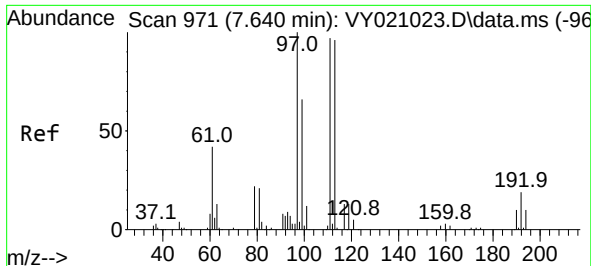
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.7 0.0 29.0

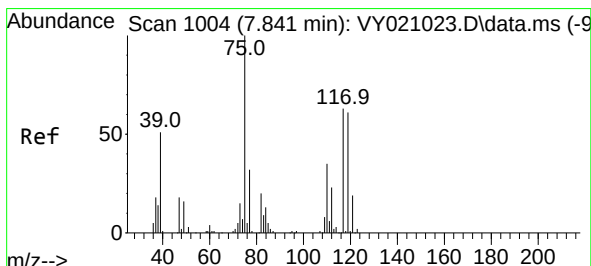
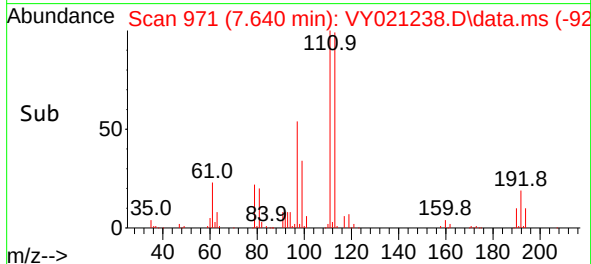
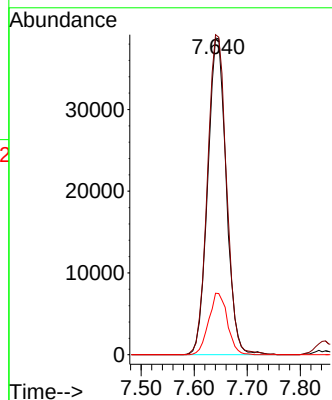
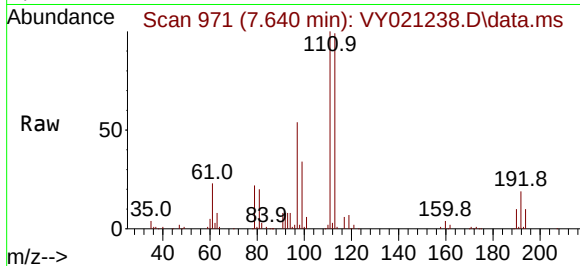




#35
 Dibromofluoromethane
 Concen: 48.581 ug/l
 RT: 7.640 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

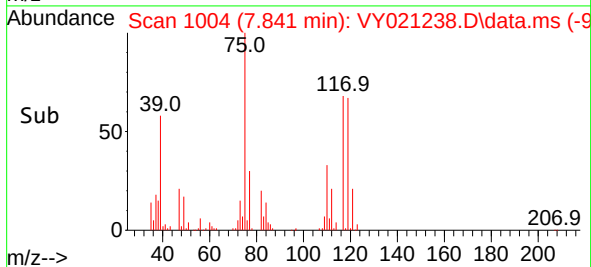
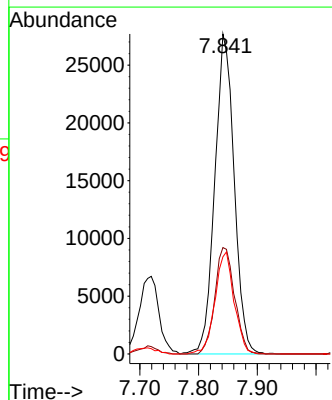
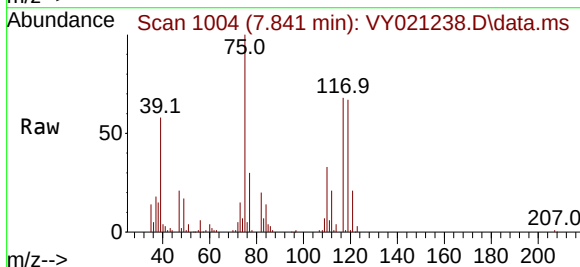
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBS01

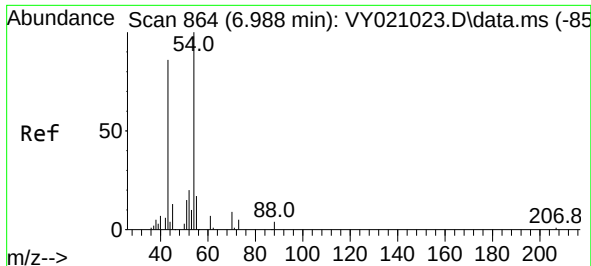
Tgt Ion:113 Resp: 94052
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.8 125.6
 192 19.5 14.5 21.7



#36
 1,1-Dichloropropene
 Concen: 22.134 ug/l
 RT: 7.841 min Scan# 1004
 Delta R.T. -0.000 min
 Lab File: VY021238.D
 Acq: 19 Feb 2025 15:49

Tgt Ion: 75 Resp: 63470
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.4 52.3
 77 31.4 24.7 37.1

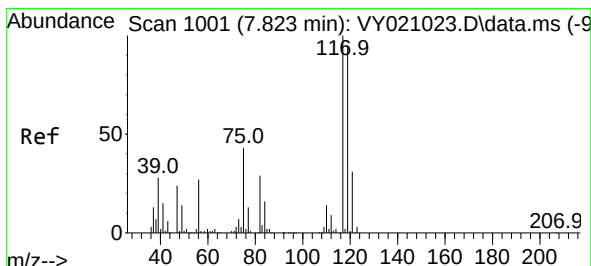
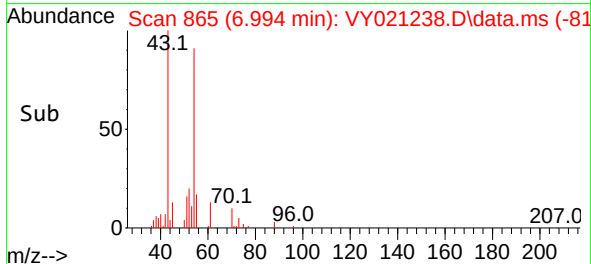
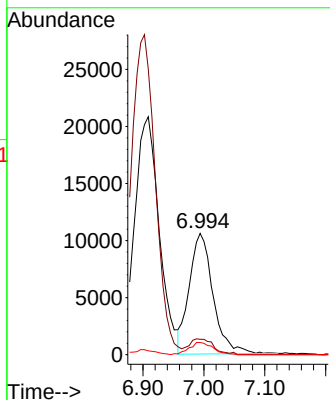
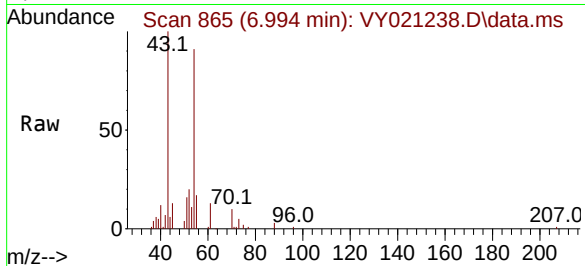




#37
Ethyl Acetate
Concen: 22.858 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

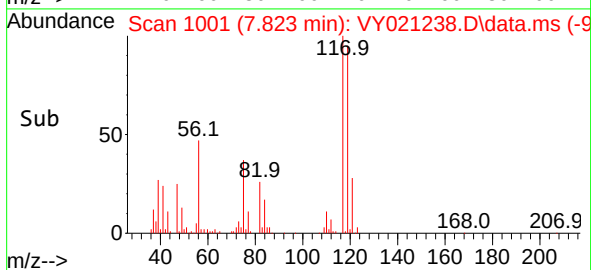
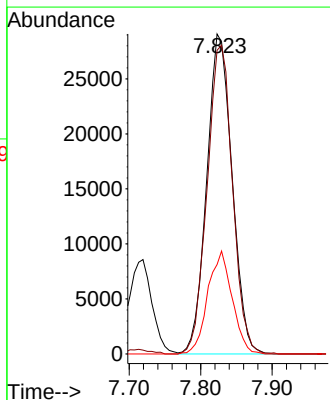
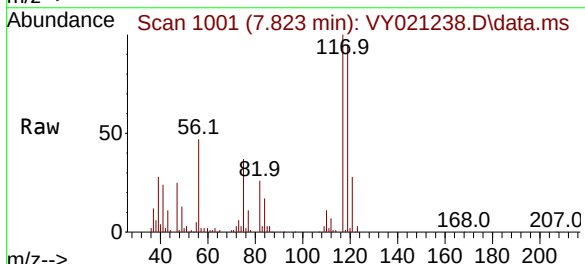
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

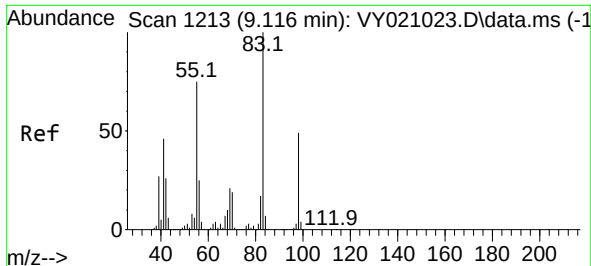
Tgt Ion: 43 Resp: 28755
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.393 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 117 Resp: 71680
Ion Ratio Lower Upper
117 100
119 94.9 76.0 114.0
121 27.9 24.2 36.2





#39

Methylcyclohexane

Concen: 22.720 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

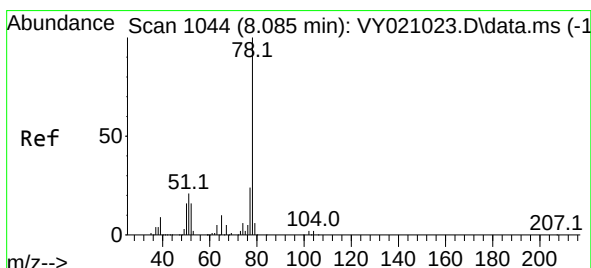
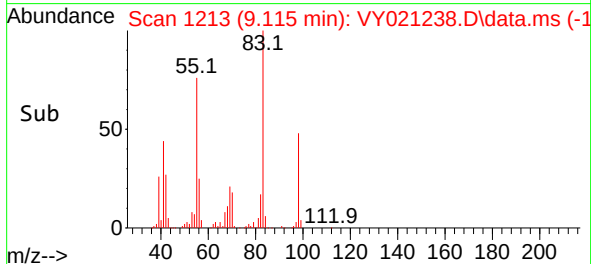
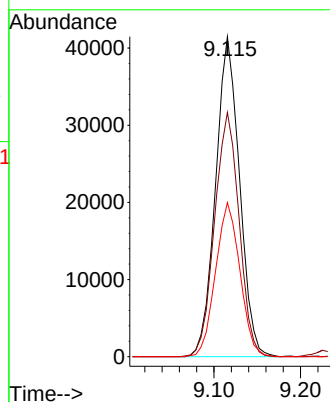
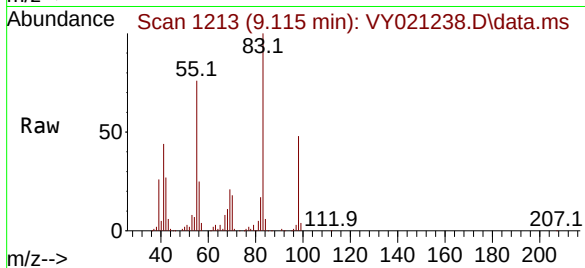
Tgt Ion: 83 Resp: 79691

Ion Ratio Lower Upper

83 100

55 76.4 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 22.643 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021238.D

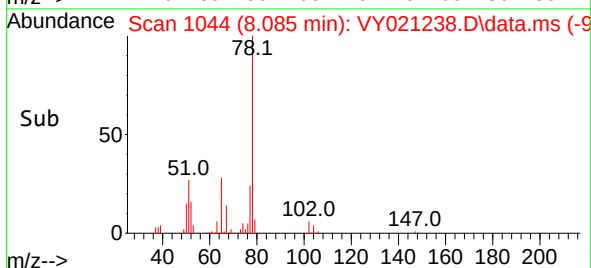
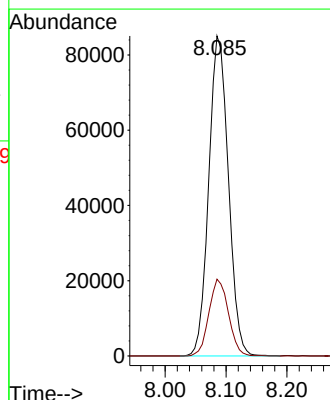
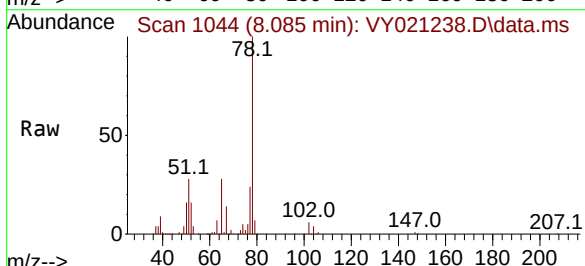
Acq: 19 Feb 2025 15:49

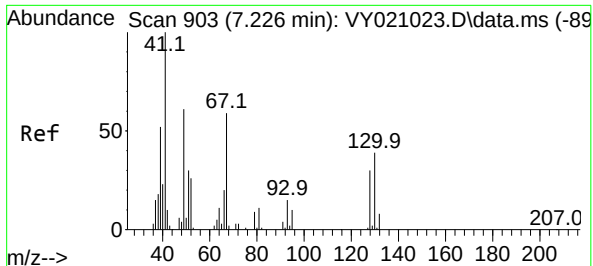
Tgt Ion: 78 Resp: 190547

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

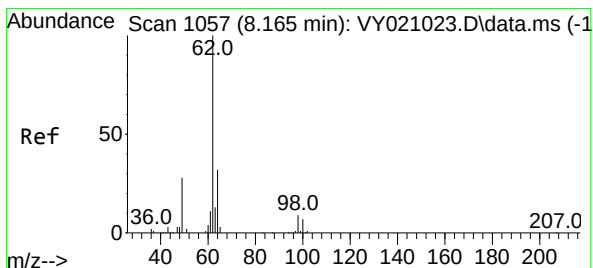
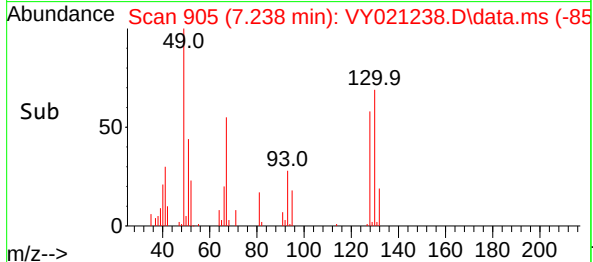
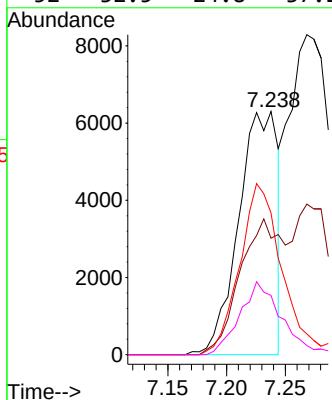
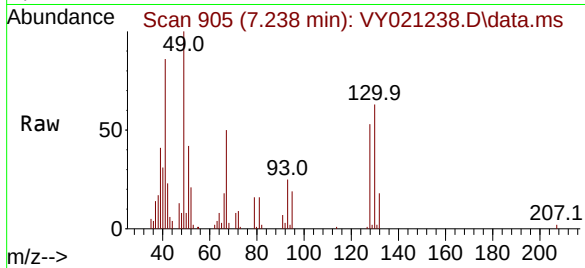




#41
Methacrylonitrile
Concen: 20.111 ug/l
RT: 7.238 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

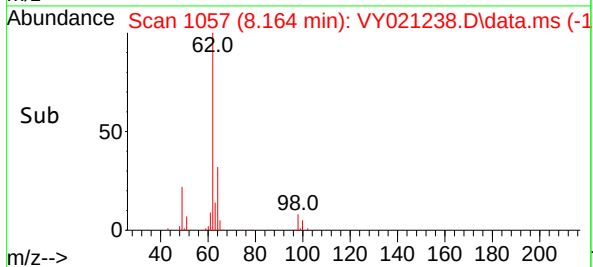
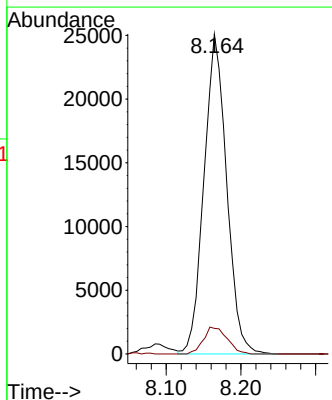
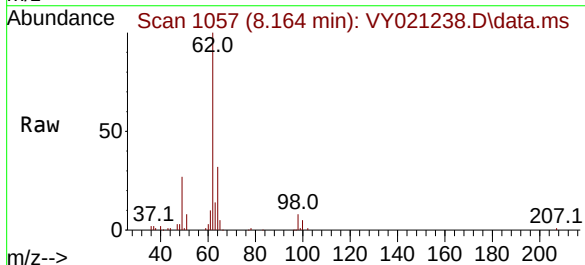
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

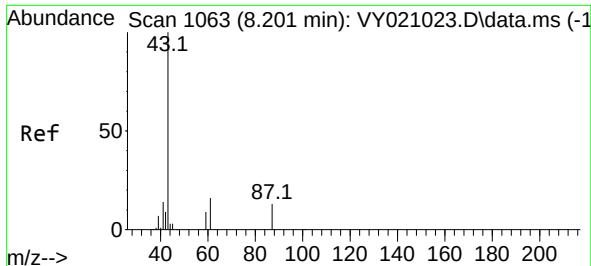
Tgt Ion:	41	Resp:	14636
Ion	Ratio	Lower	Upper
41	100		
39	60.7	41.9	62.9
67	76.1	59.8	89.6
52	32.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 22.655 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:	62	Resp:	52885
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.2

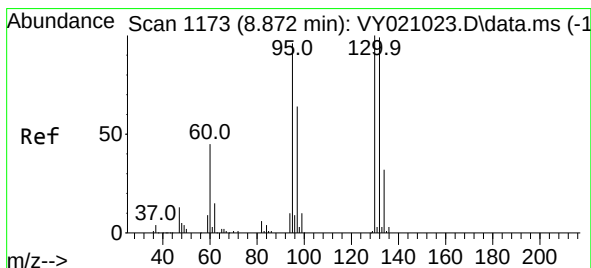
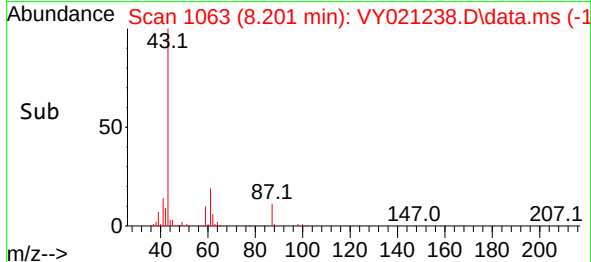
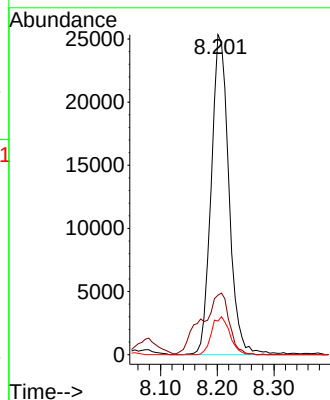
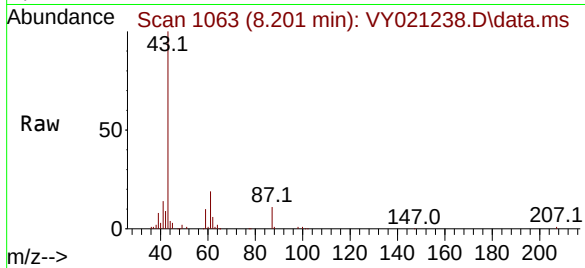




#43
Isopropyl Acetate
Concen: 21.942 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

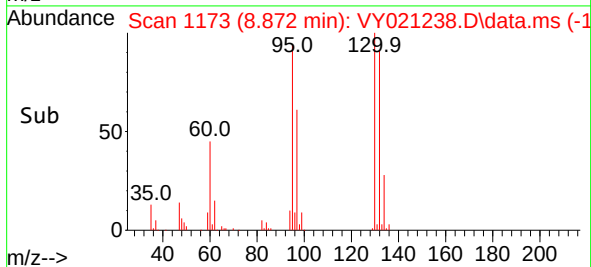
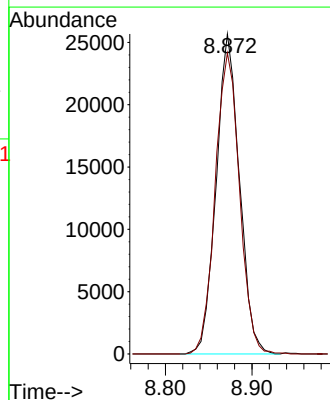
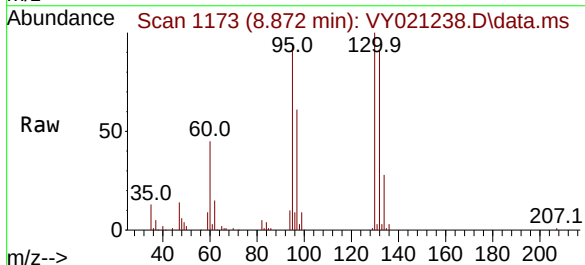
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

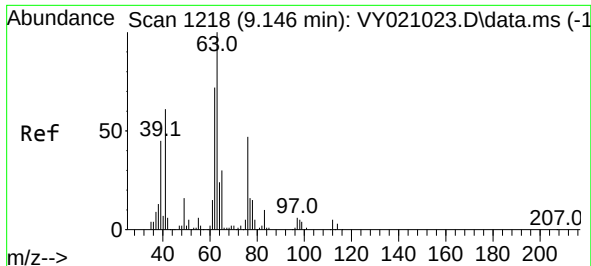
Tgt Ion: 43 Resp: 54845
Ion Ratio Lower Upper
43 100
61 30.0 24.8 37.2
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 22.024 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:130 Resp: 47883
Ion Ratio Lower Upper
130 100
95 94.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.642 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

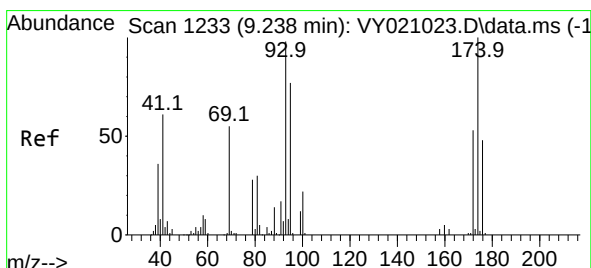
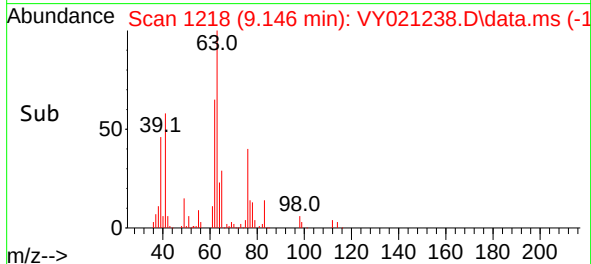
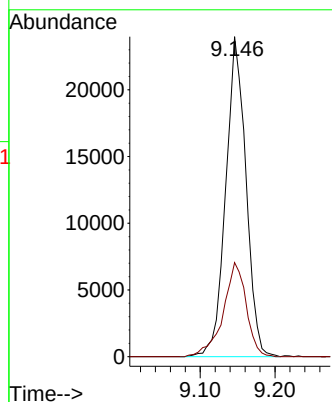
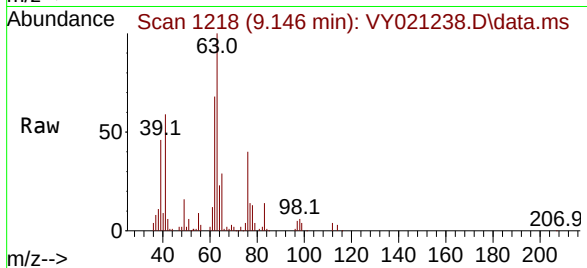
VY0219SBS01

Tgt Ion: 63 Resp: 45225

Ion Ratio Lower Upper

63 100

65 29.4 24.6 36.8



#46

Dibromomethane

Concen: 21.227 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

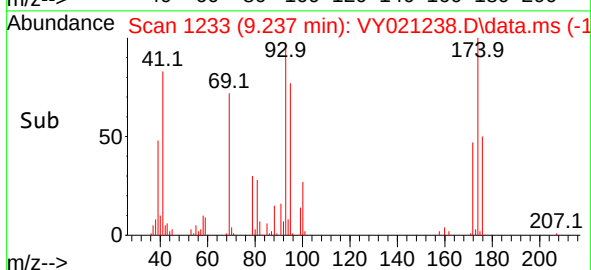
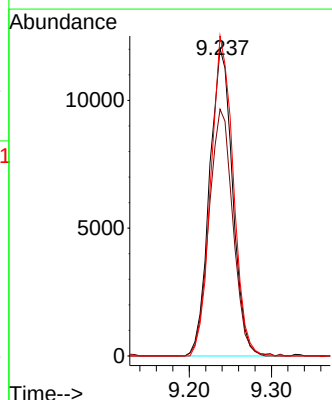
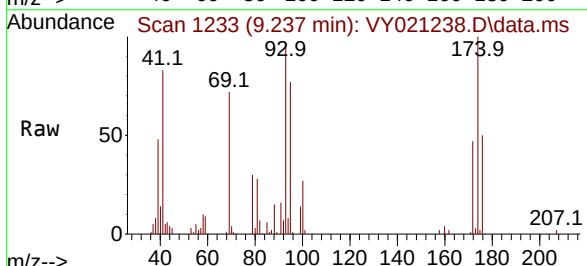
Tgt Ion: 93 Resp: 23475

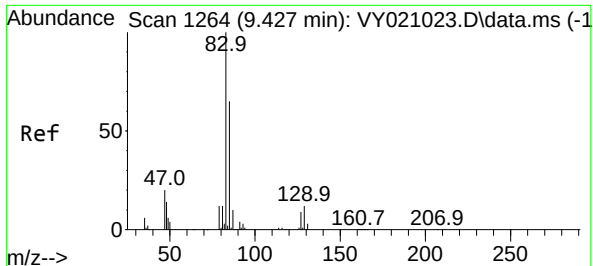
Ion Ratio Lower Upper

93 100

95 82.6 66.6 99.8

174 100.8 73.8 110.6





#47

Bromodichloromethane

Concen: 22.139 ug/l

RT: 9.432 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

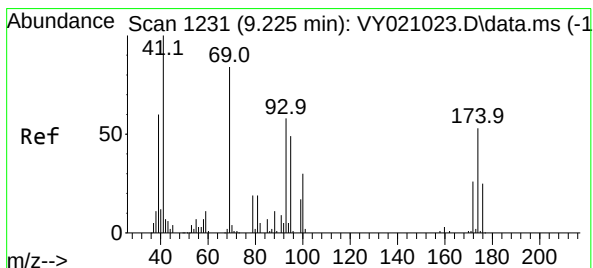
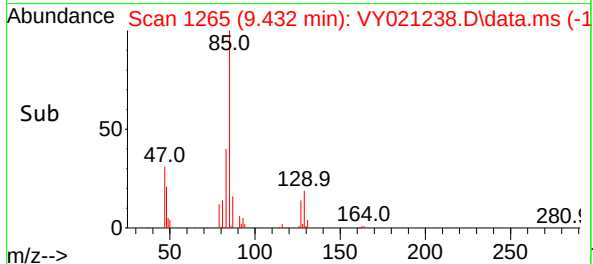
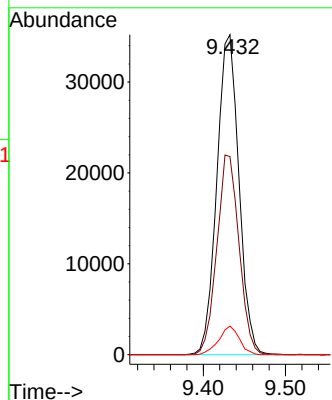
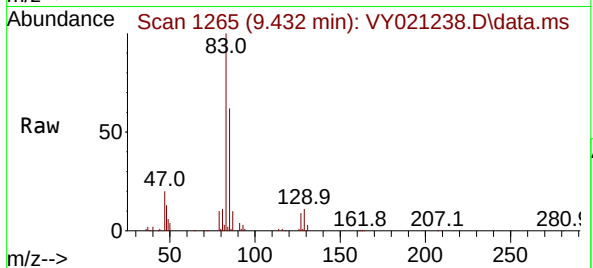
Tgt Ion: 83 Resp: 65662

Ion Ratio Lower Upper

83 100

85 61.9 53.2 79.8

127 9.0 6.4 9.6



#48

Methyl methacrylate

Concen: 23.131 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

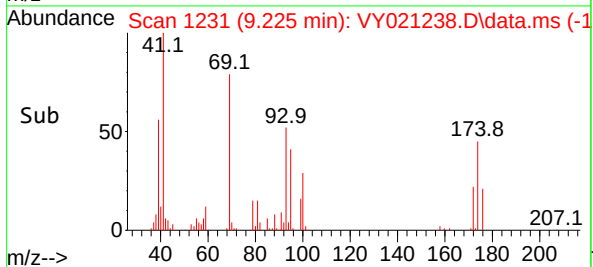
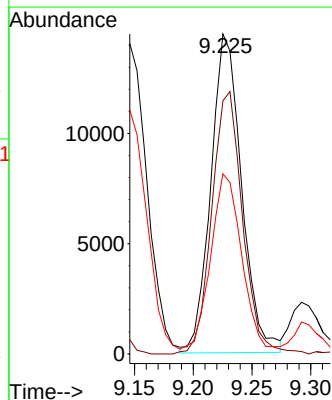
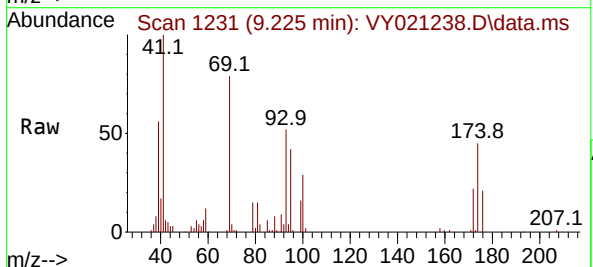
Tgt Ion: 41 Resp: 26336

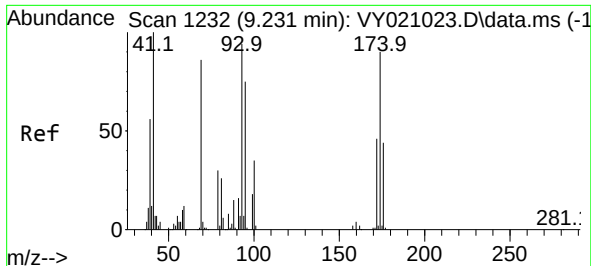
Ion Ratio Lower Upper

41 100

69 82.3 72.1 108.1

39 55.1 42.8 64.2





#49

1,4-Dioxane

Concen: 448.469 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

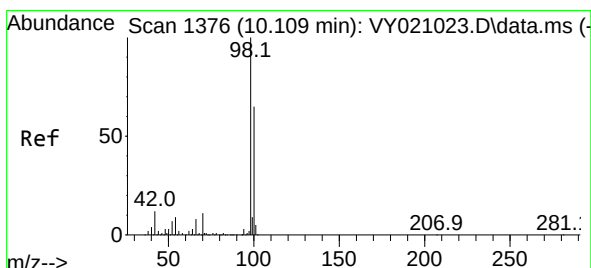
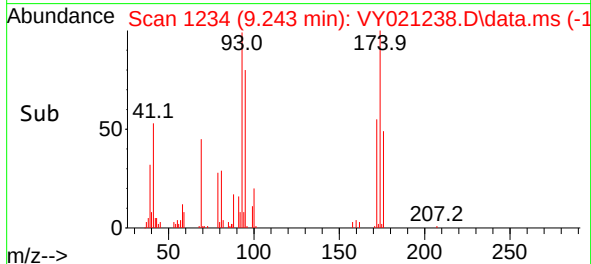
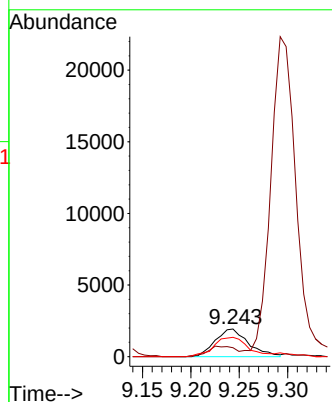
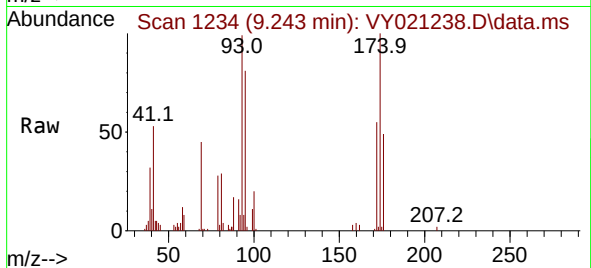
Tgt Ion: 88 Resp: 4617

Ion Ratio Lower Upper

88 100

43 31.0 28.2 42.4

58 73.0 52.2 78.2



#50

Toluene-d8

Concen: 47.329 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021238.D

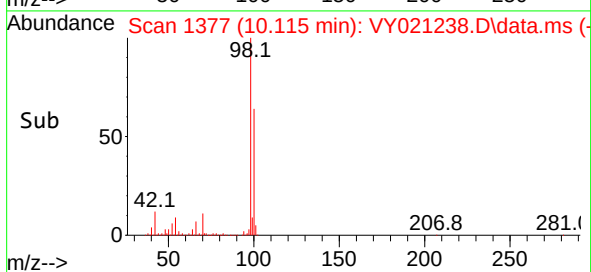
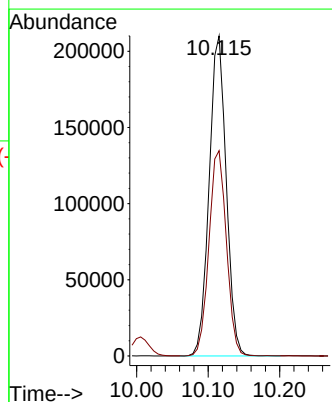
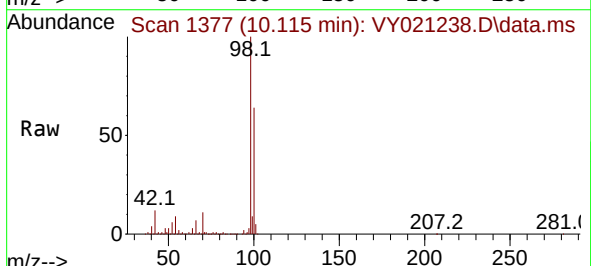
Acq: 19 Feb 2025 15:49

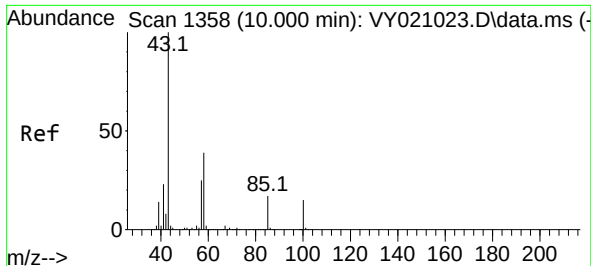
Tgt Ion: 98 Resp: 348838

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

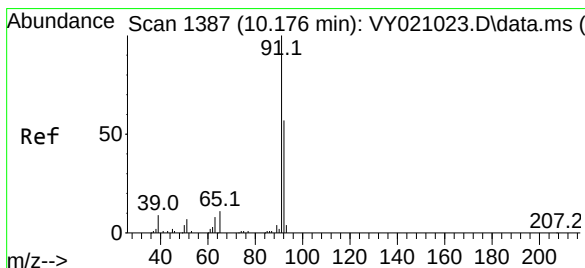
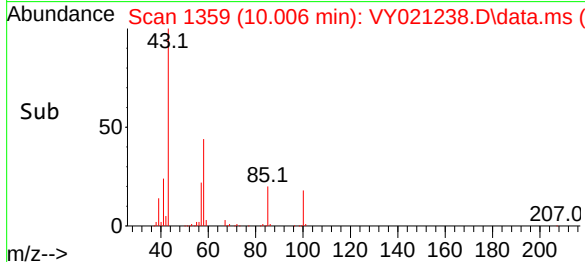
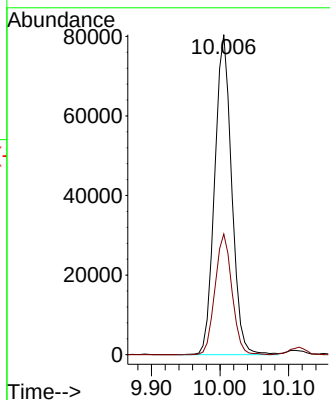
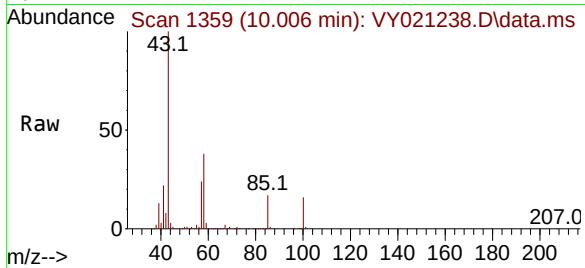




#51
4-Methyl-2-Pentanone
Concen: 110.039 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

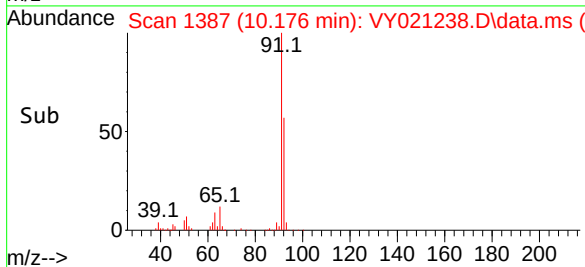
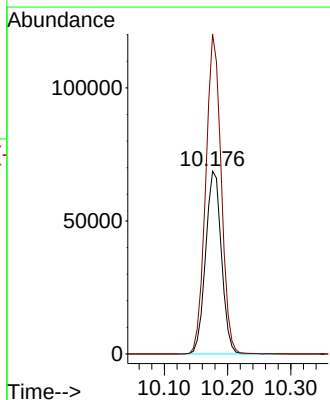
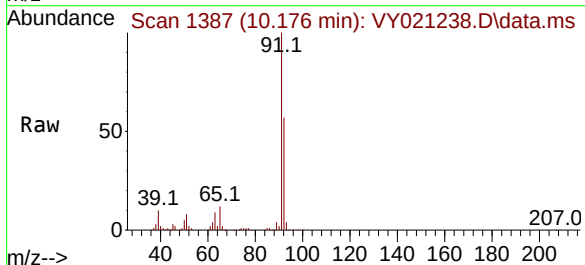
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

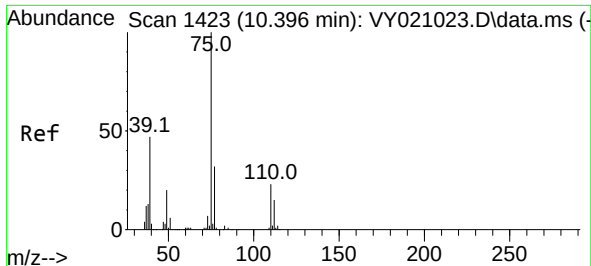
Tgt Ion: 43 Resp: 138316
Ion Ratio Lower Upper
43 100
58 37.5 32.2 48.2



#52
Toluene
Concen: 22.606 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 92 Resp: 119448
Ion Ratio Lower Upper
92 100
91 171.1 137.6 206.4

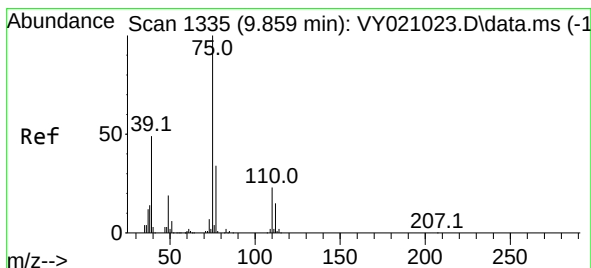
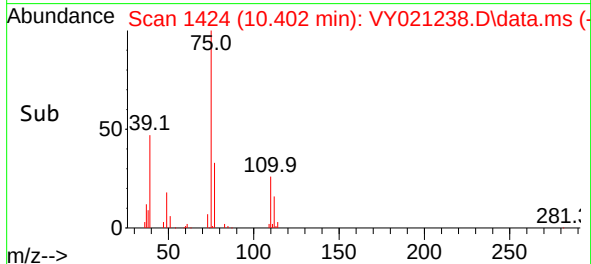
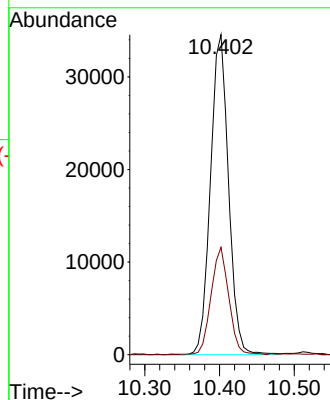
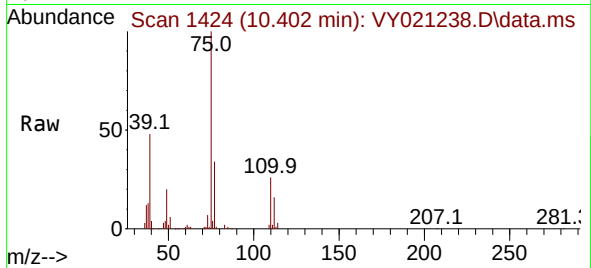




#53
t-1,3-Dichloropropene
Concen: 21.872 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

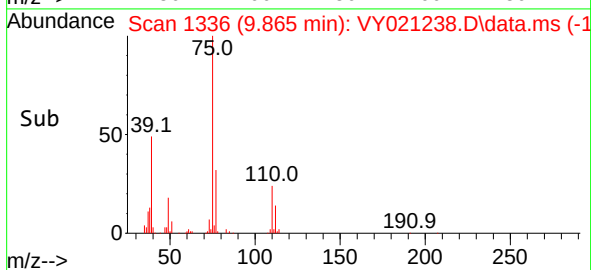
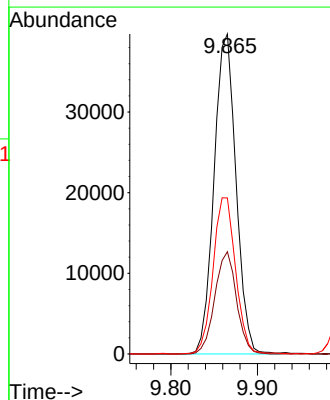
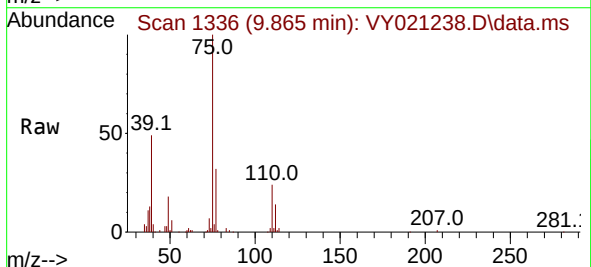
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

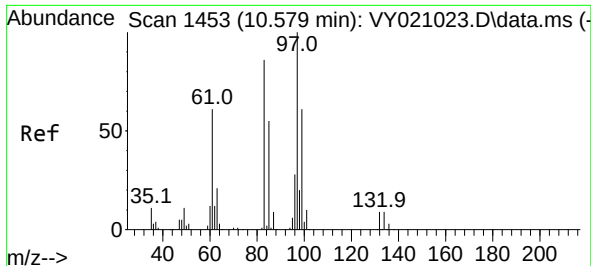
Tgt Ion: 75 Resp: 58250
Ion Ratio Lower Upper
75 100
77 33.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 22.186 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 75 Resp: 69958
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 48.8 33.6 50.4

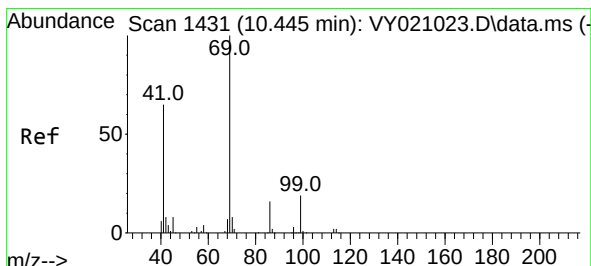
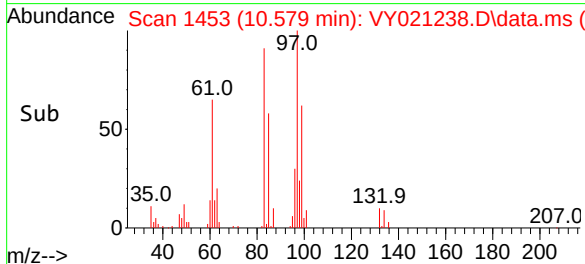
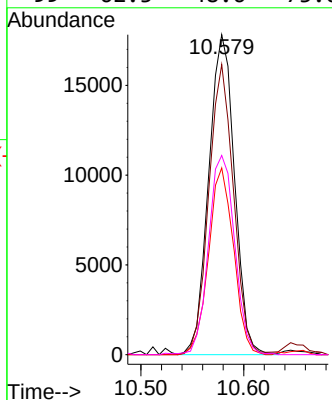
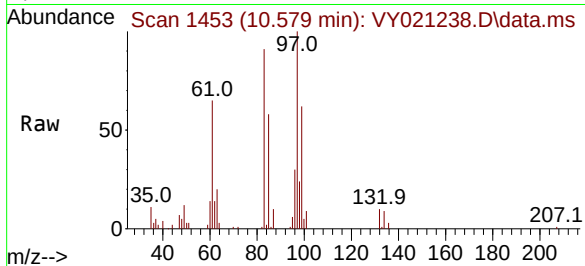




#55
1,1,2-Trichloroethane
Concen: 21.745 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

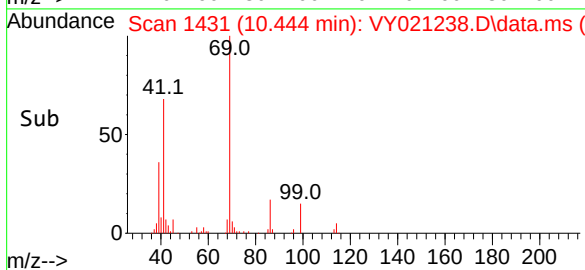
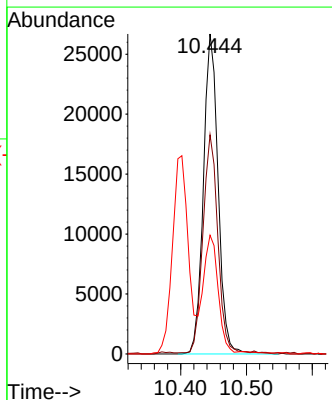
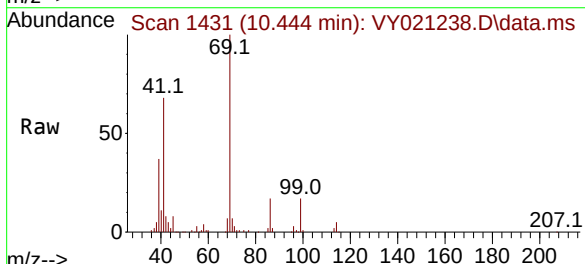
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

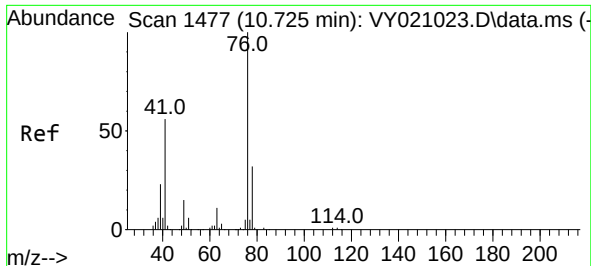
Tgt Ion:	97	Resp:	31141
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.4	104.2
85	58.4	43.9	65.9
99	62.3	48.6	73.0



#56
Ethyl methacrylate
Concen: 21.735 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:	69	Resp:	41640
Ion	Ratio	Lower	Upper
69	100		
41	68.4	49.2	73.8
39	35.3	26.8	40.2

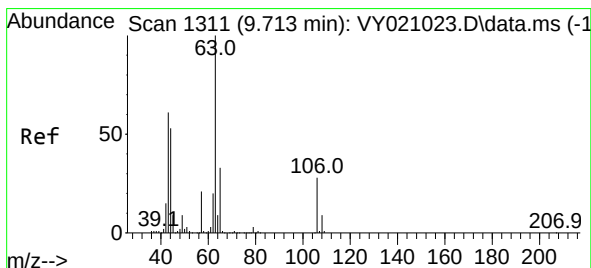
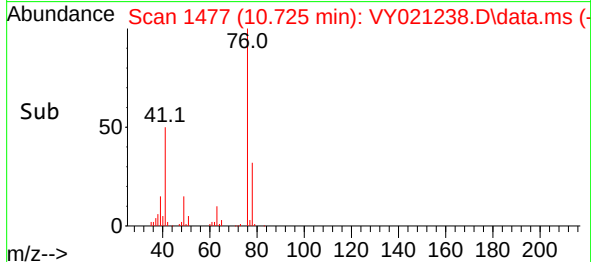
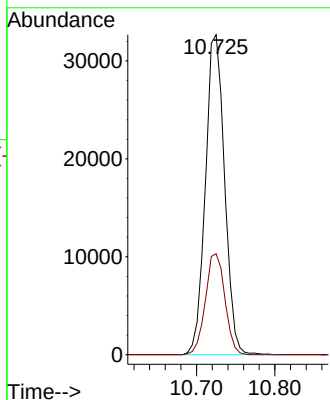
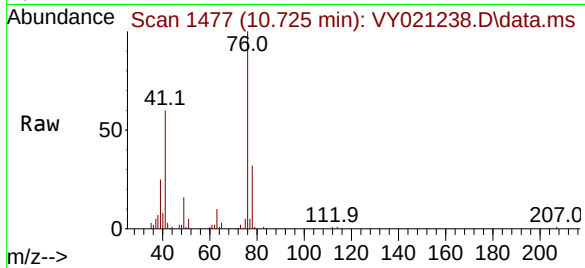




#57
1,3-Dichloropropane
Concen: 22.367 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

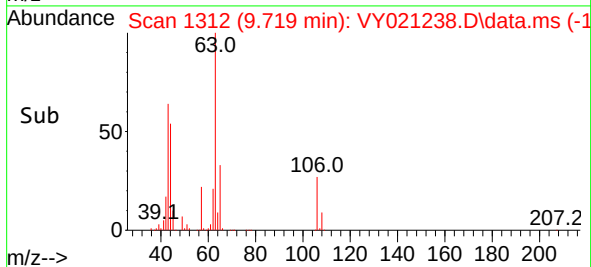
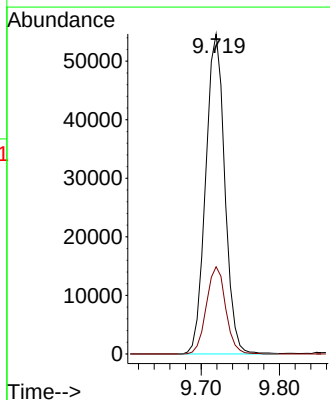
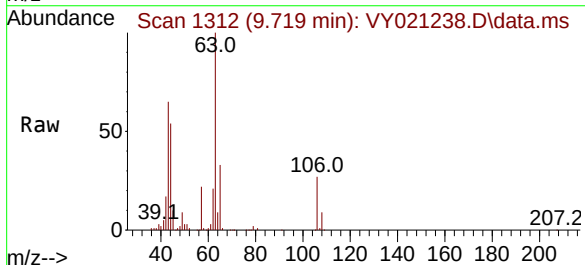
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

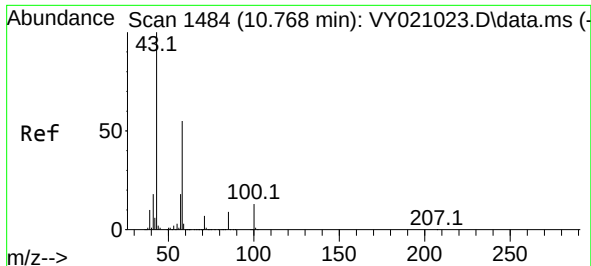
Tgt Ion: 76 Resp: 55442
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 101.594 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 63 Resp: 92595
Ion Ratio Lower Upper
63 100
106 27.4 22.4 33.6

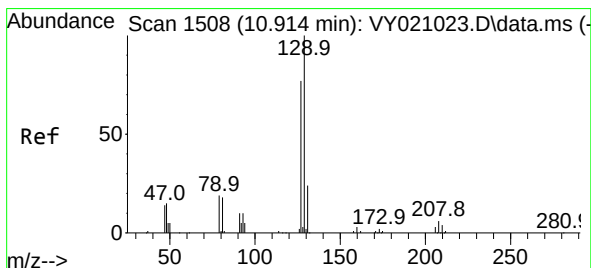
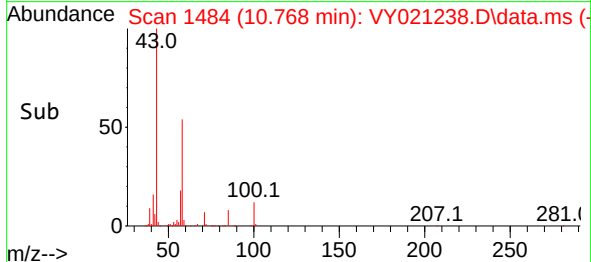
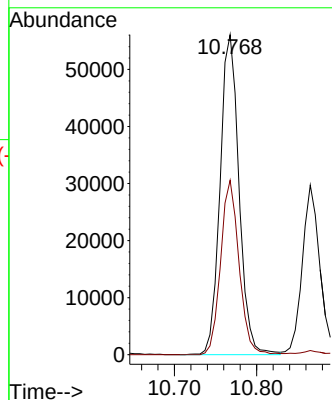
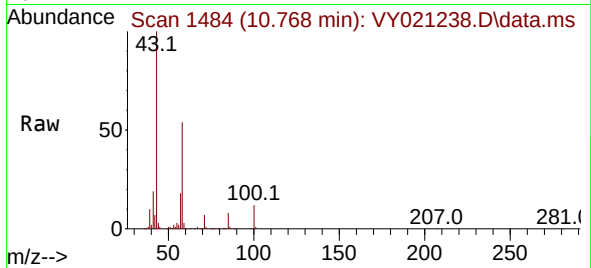




#59
2-Hexanone
Concen: 110.855 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

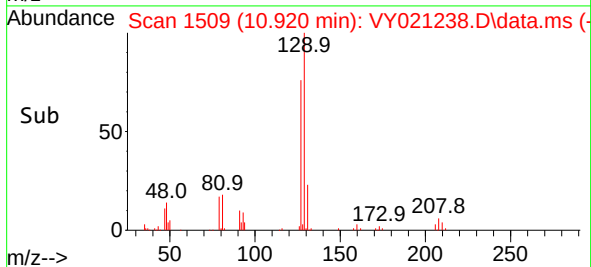
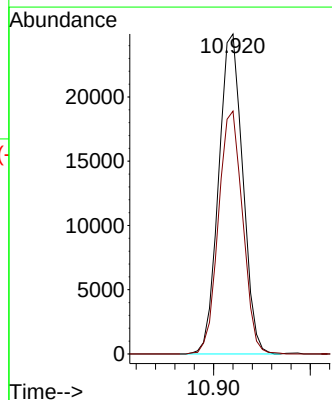
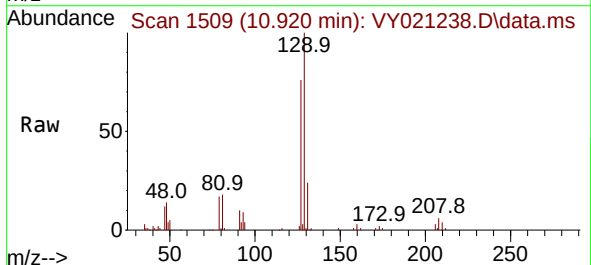
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

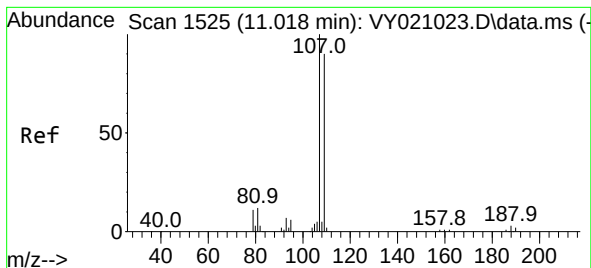
Tgt Ion: 43 Resp: 89716
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.3



#60
Dibromochloromethane
Concen: 21.410 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 129 Resp: 43058
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.771 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

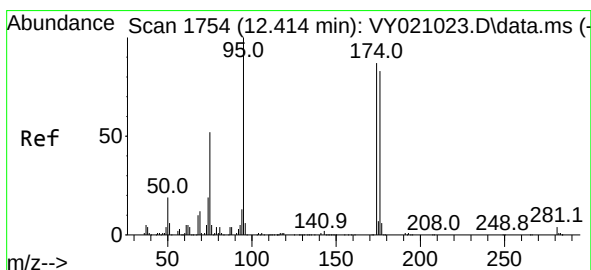
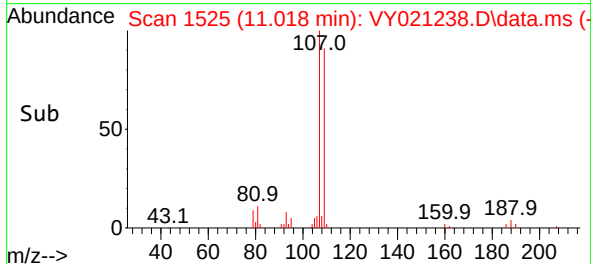
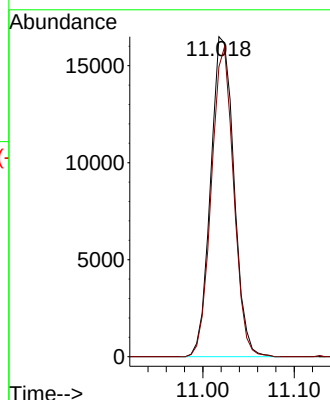
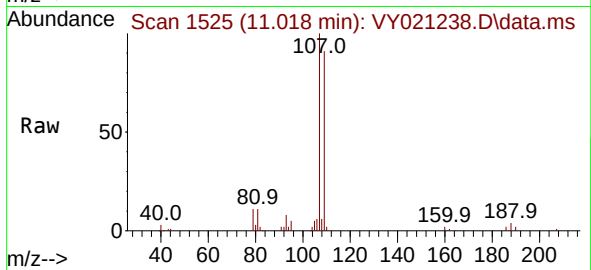
VY0219SBS01

Tgt Ion:107 Resp: 29203

Ion Ratio Lower Upper

107 100

109 92.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.660 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

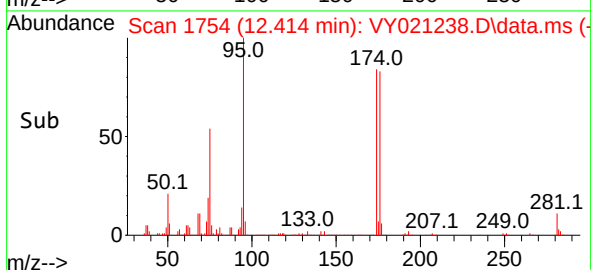
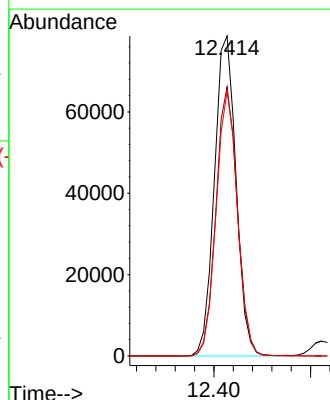
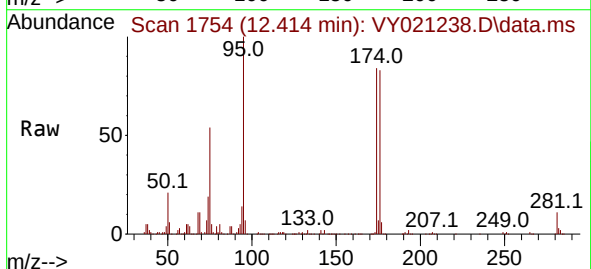
Tgt Ion: 95 Resp: 121983

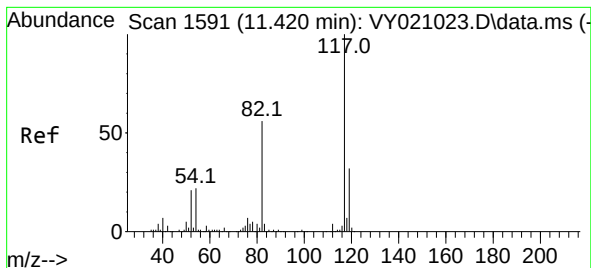
Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.0

176 81.1 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: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

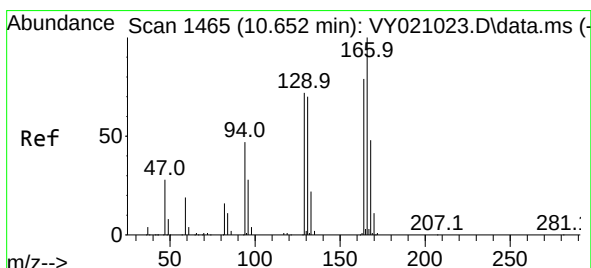
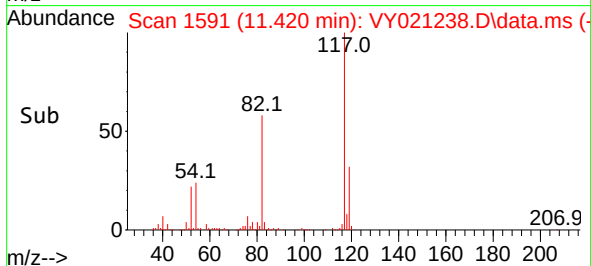
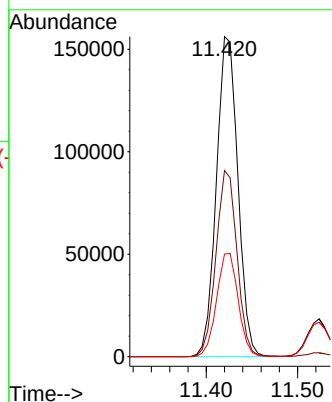
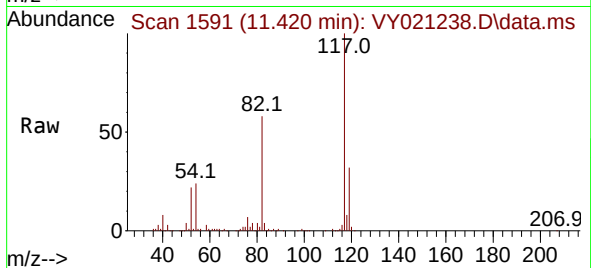
Tgt Ion:117 Resp: 255752

Ion Ratio Lower Upper

117 100

82 58.2 43.8 65.8

119 32.1 26.5 39.7



#64

Tetrachloroethene

Concen: 21.781 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Tgt Ion:164 Resp: 41352

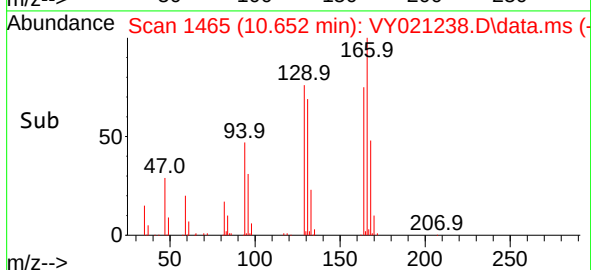
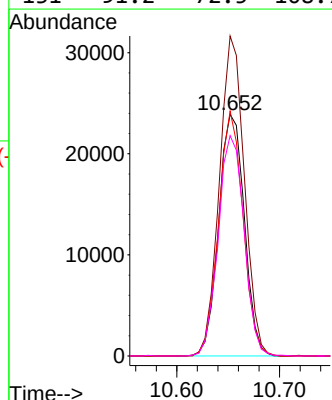
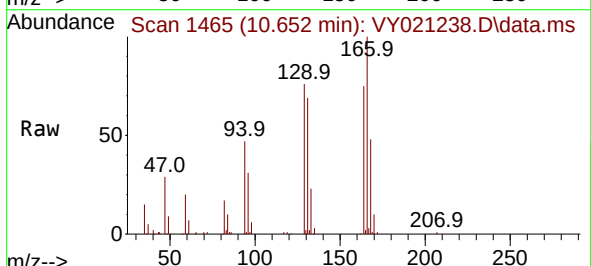
Ion Ratio Lower Upper

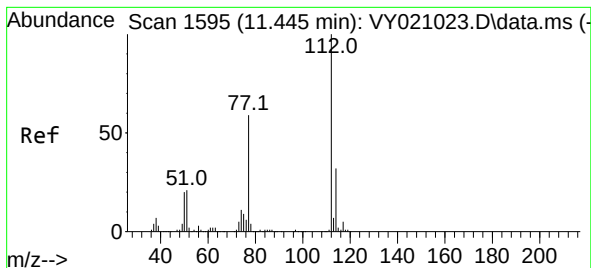
164 100

166 132.5 98.8 148.2

129 101.3 78.9 118.3

131 91.2 72.5 108.7





#65

Chlorobenzene

Concen: 21.900 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

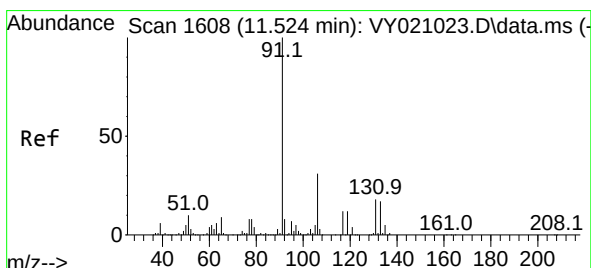
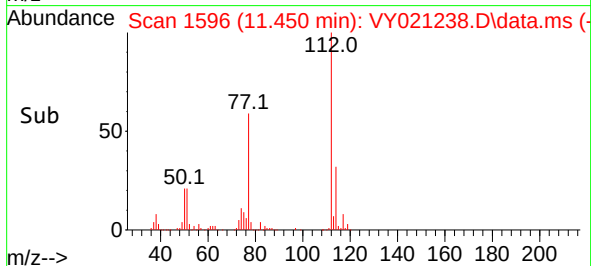
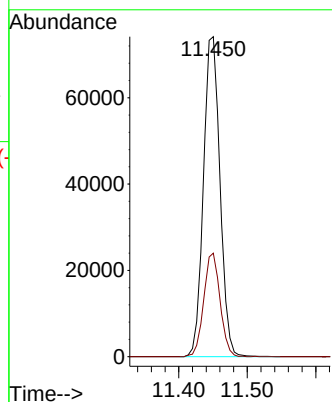
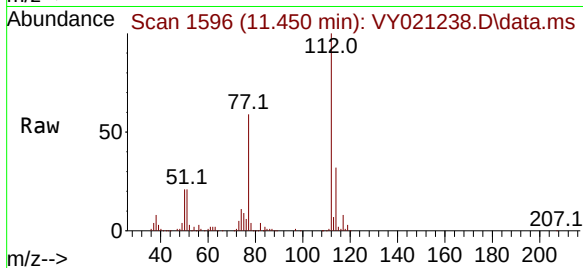
VY0219SBS01

Tgt Ion:112 Resp: 124714

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.924 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

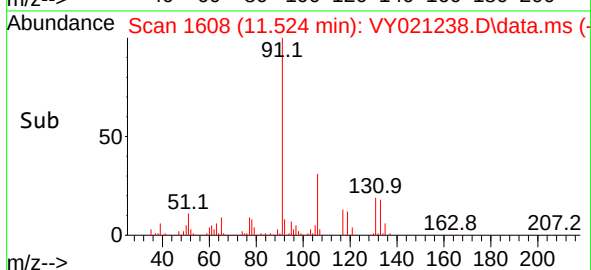
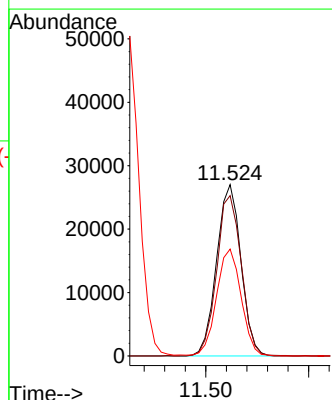
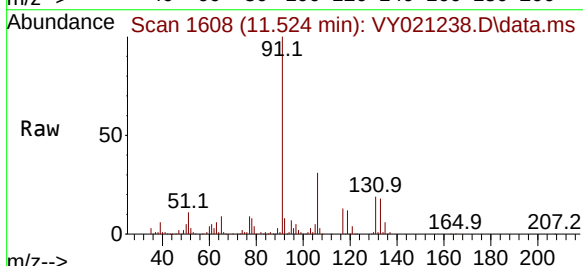
Tgt Ion:131 Resp: 44369

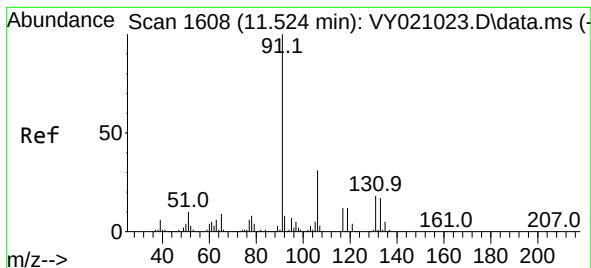
Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.0

119 63.1 33.3 99.9

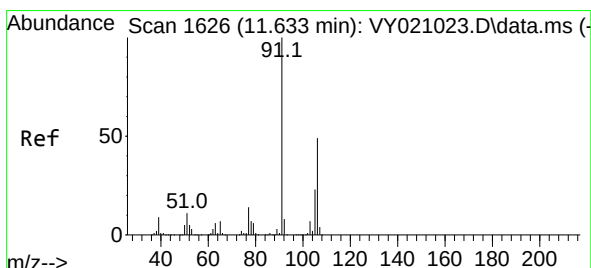
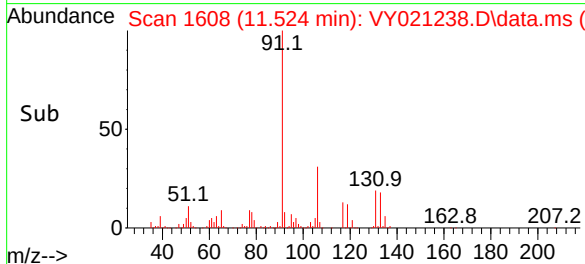
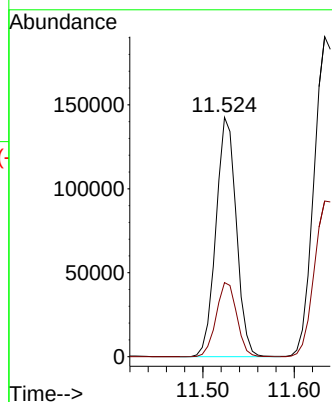
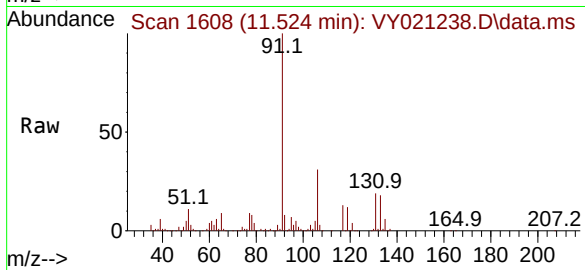




#67
Ethyl Benzene
Concen: 21.940 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

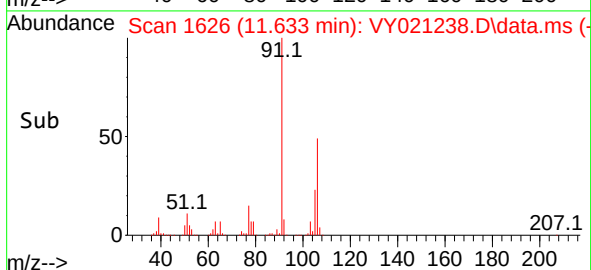
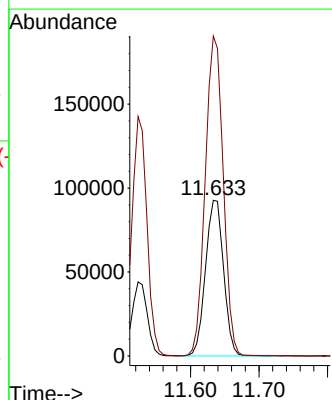
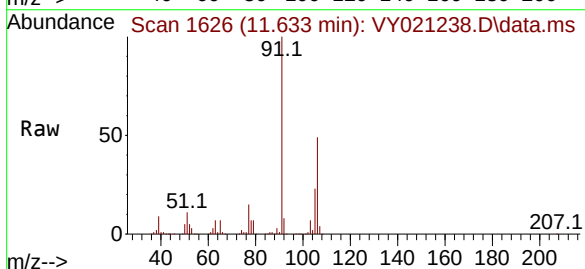
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

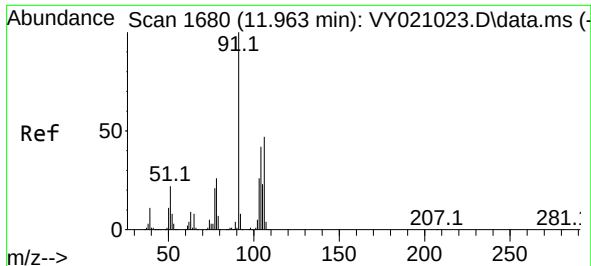
Tgt Ion: 91 Resp: 220992
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 45.133 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:106 Resp: 170065
Ion Ratio Lower Upper
106 100
91 204.2 160.7 241.1

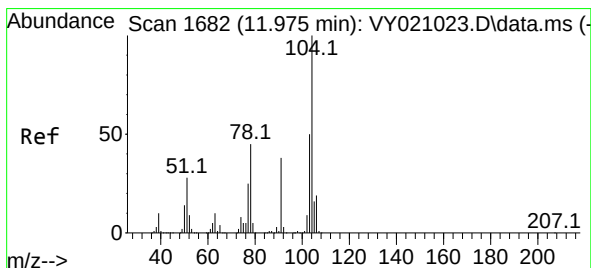
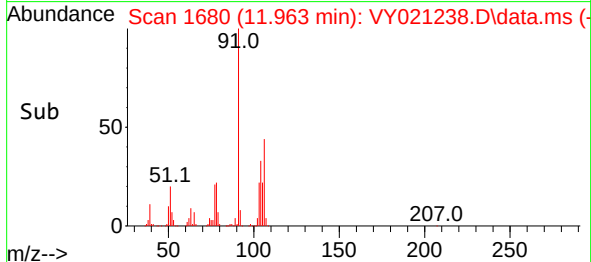
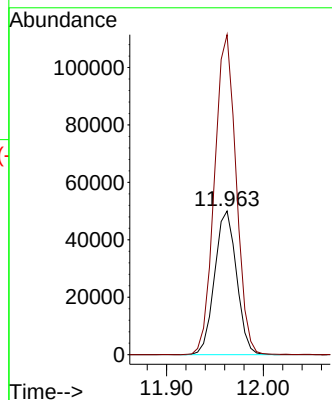
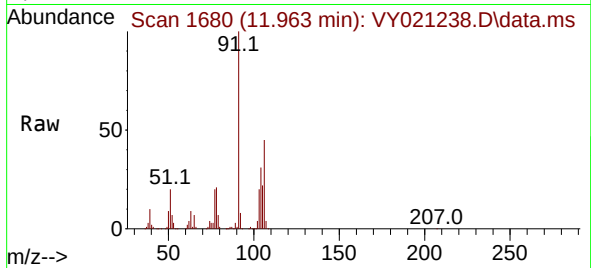




#69
o-Xylene
Concen: 22.395 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

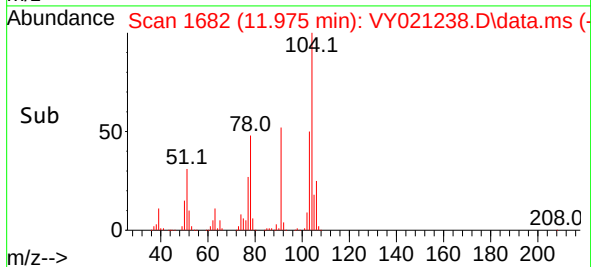
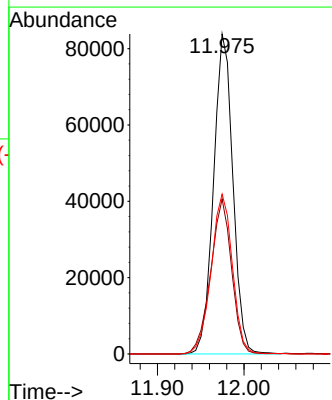
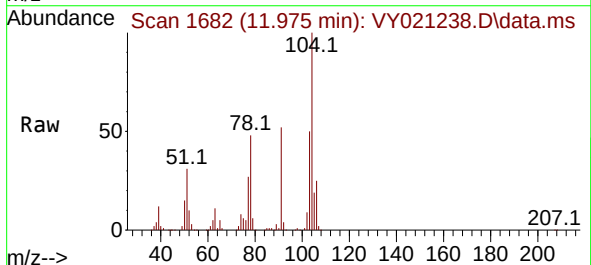
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

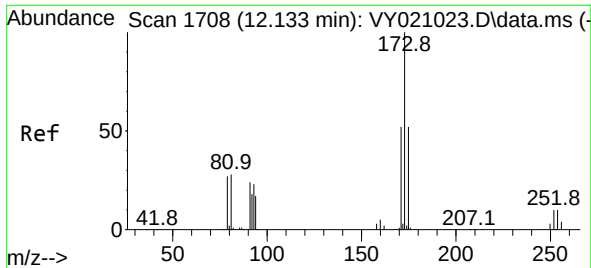
Tgt Ion:106 Resp: 78675
Ion Ratio Lower Upper
106 100
91 219.9 106.5 319.5



#70
Styrene
Concen: 22.209 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:104 Resp: 130042
Ion Ratio Lower Upper
104 100
78 52.5 39.2 58.8
103 54.8 43.8 65.6

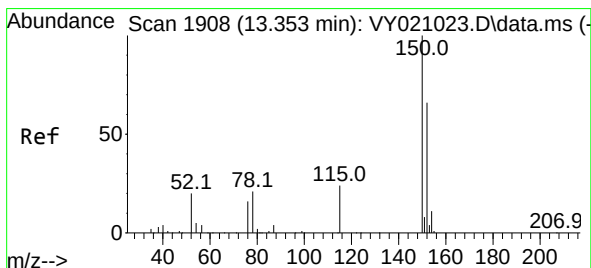
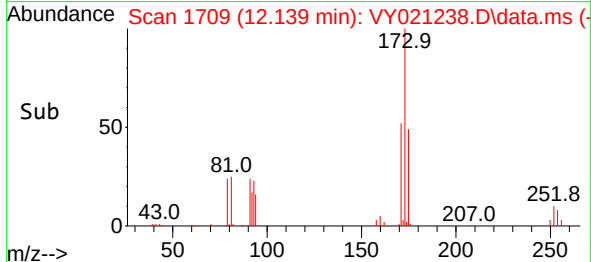
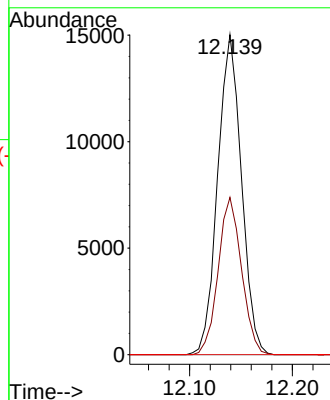
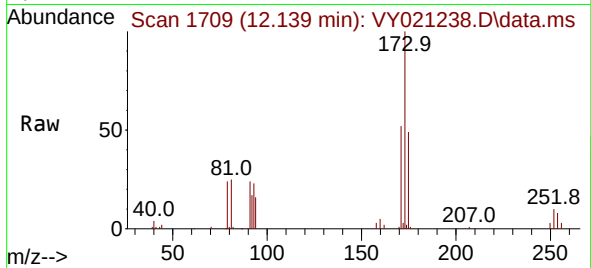




#71
Bromoform
Concen: 21.385 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

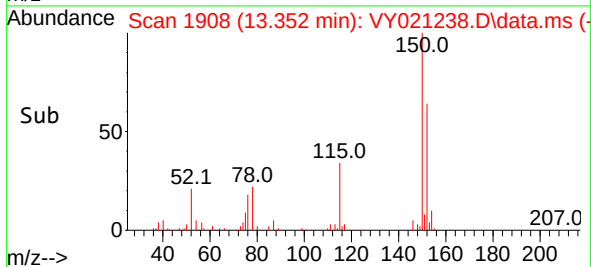
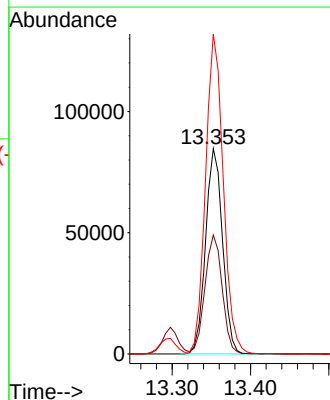
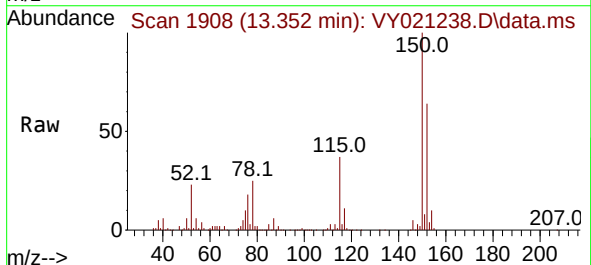
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

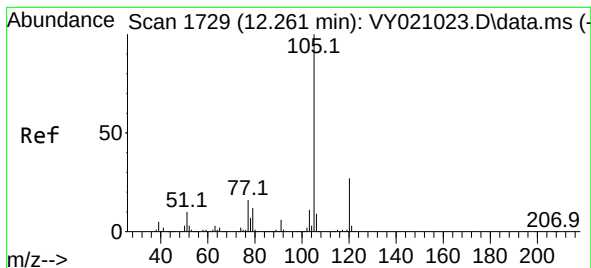
Tgt Ion:173 Resp: 24089
Ion Ratio Lower Upper
173 100
175 48.3 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion:152 Resp: 127239
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 162.7 0.0 344.6





#73

Isopropylbenzene

Concen: 21.270 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

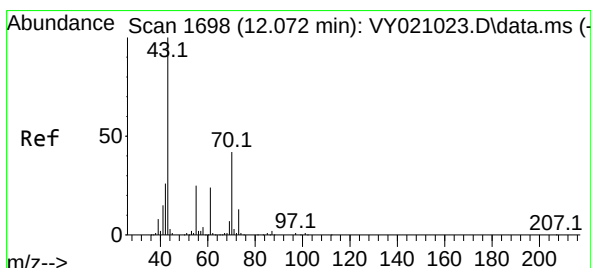
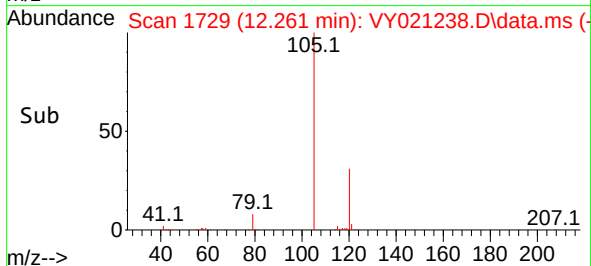
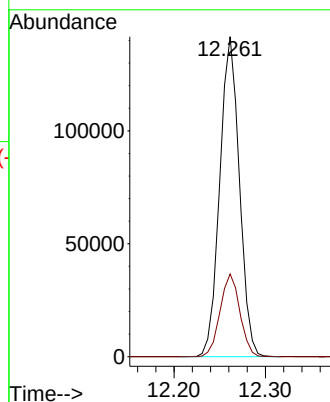
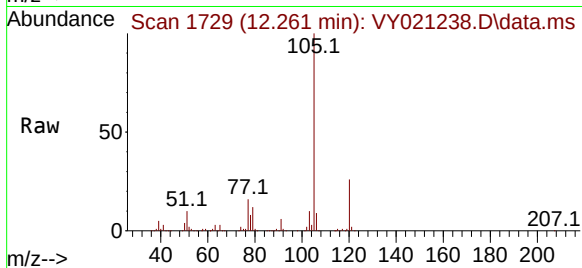
VY0219SBS01

Tgt Ion:105 Resp: 211405

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 21.059 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Tgt Ion: 43 Resp: 45761

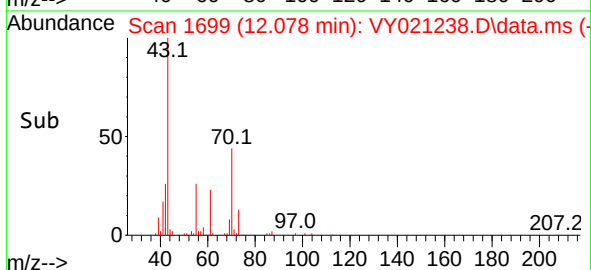
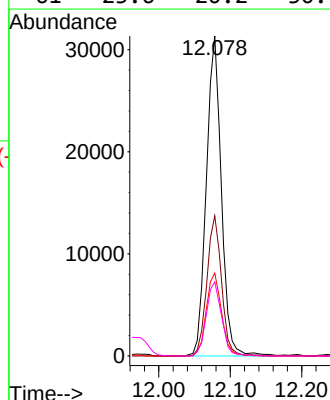
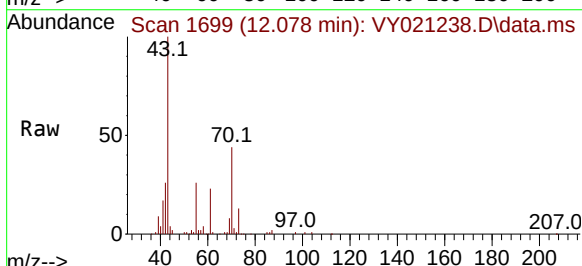
Ion Ratio Lower Upper

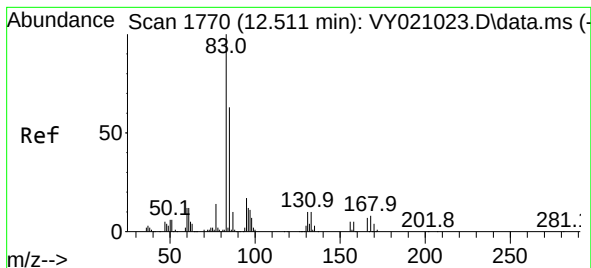
43 100

70 42.4 36.6 55.0

55 26.3 22.2 33.4

61 23.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.659 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

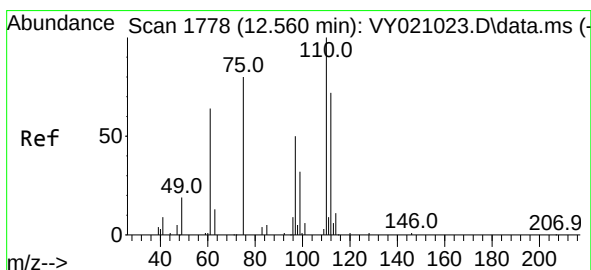
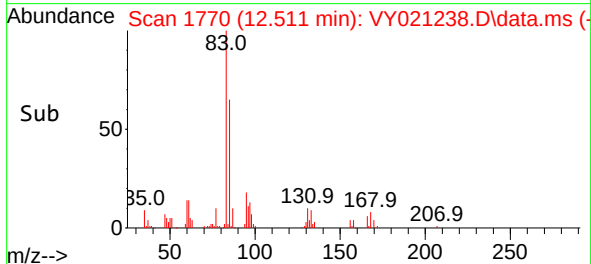
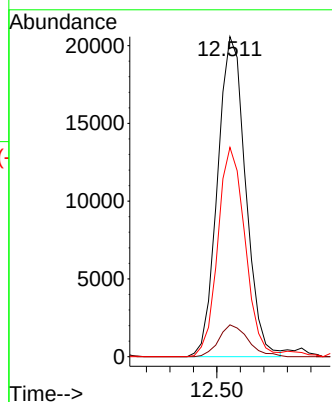
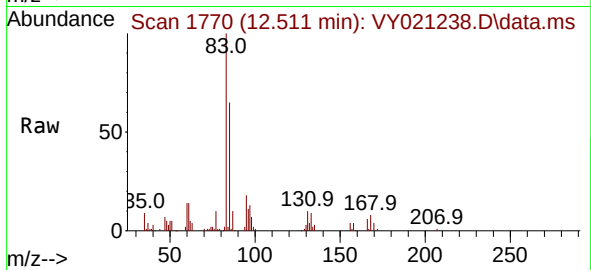
Tgt Ion: 83 Resp: 34149

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.6

85 63.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 39.773 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021238.D

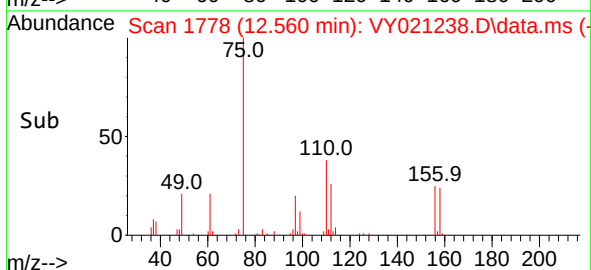
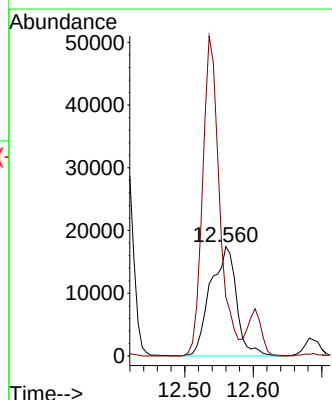
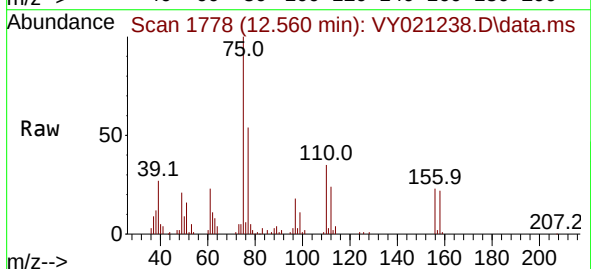
Acq: 19 Feb 2025 15:49

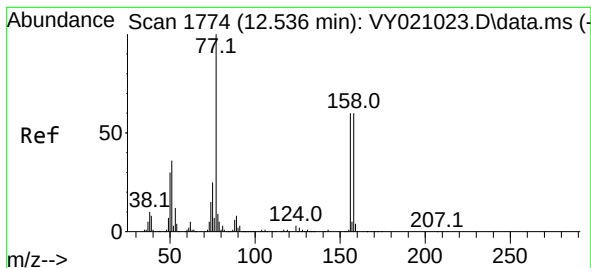
Tgt Ion: 75 Resp: 45907

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.670 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

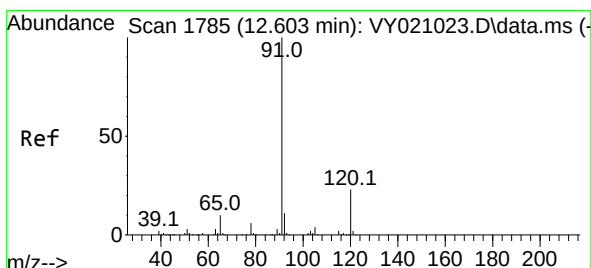
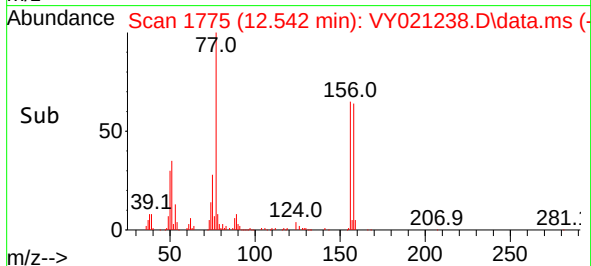
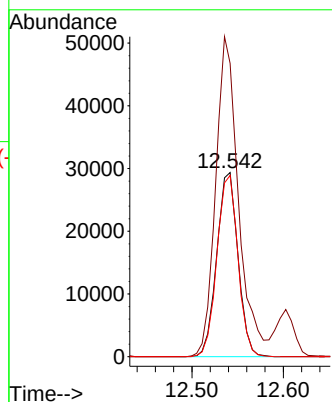
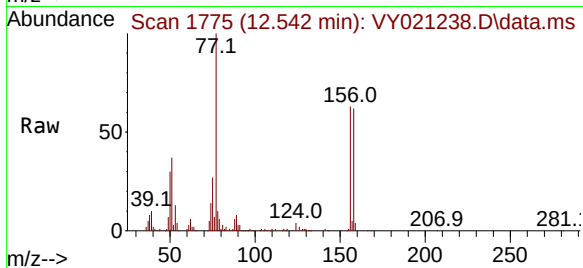
Tgt Ion:156 Resp: 47410

Ion Ratio Lower Upper

156 100

77 185.5 97.3 291.8

158 97.6 48.4 145.0



#78

n-propylbenzene

Concen: 21.599 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021238.D

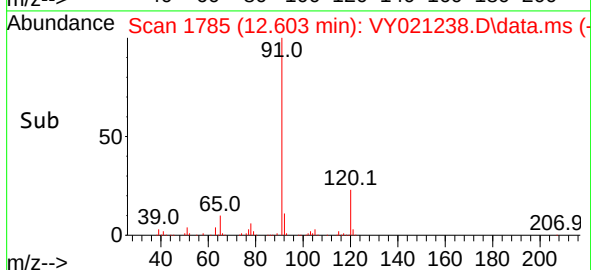
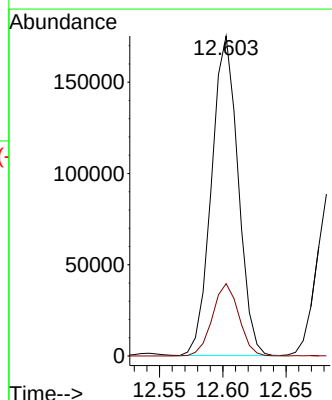
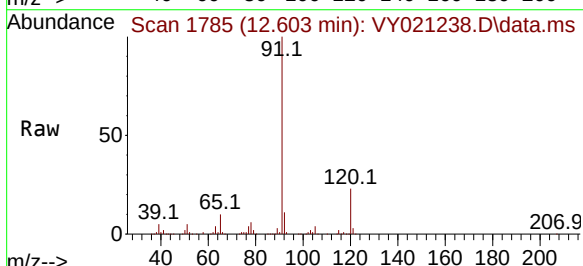
Acq: 19 Feb 2025 15:49

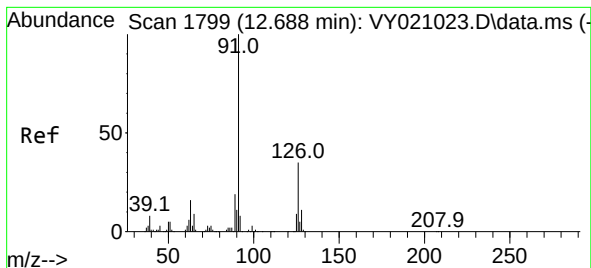
Tgt Ion: 91 Resp: 255730

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

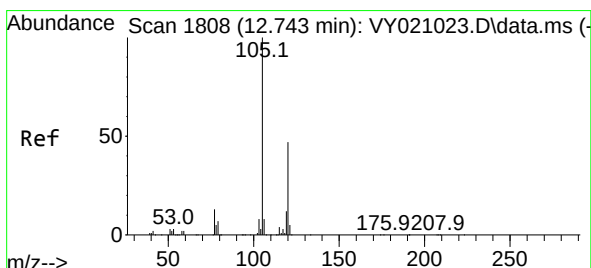
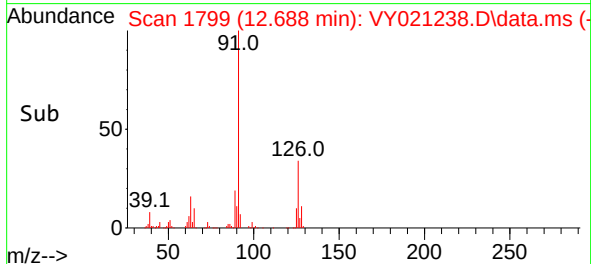
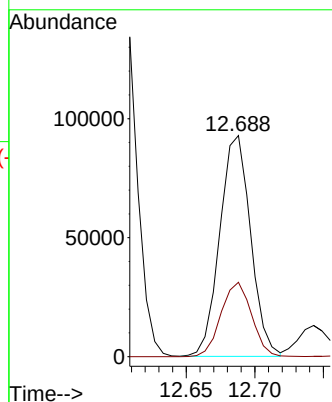
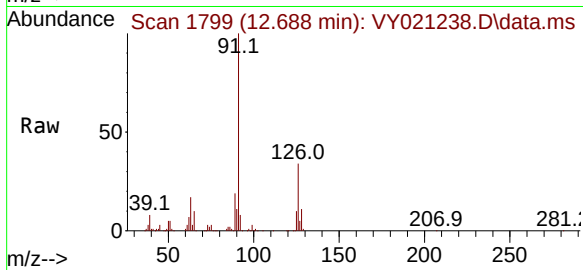




#79
2-Chlorotoluene
Concen: 21.449 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

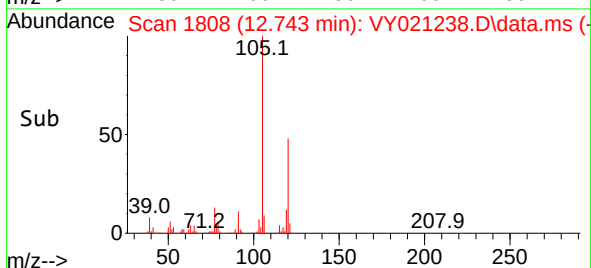
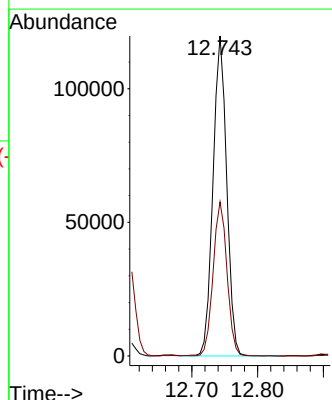
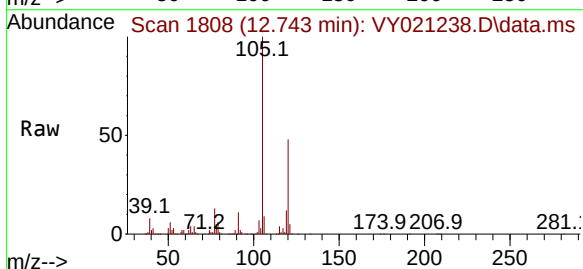
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

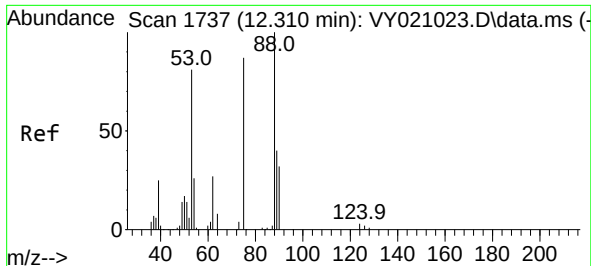
Tgt Ion: 91 Resp: 145452
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.577 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 105 Resp: 173873
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

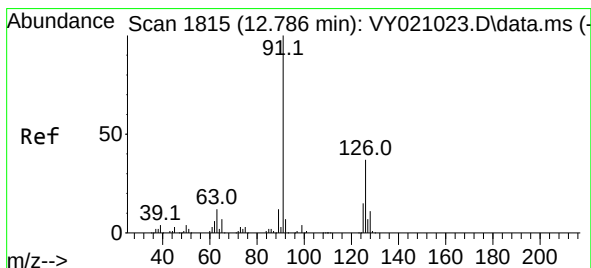
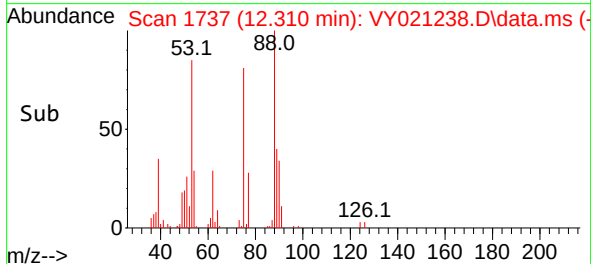
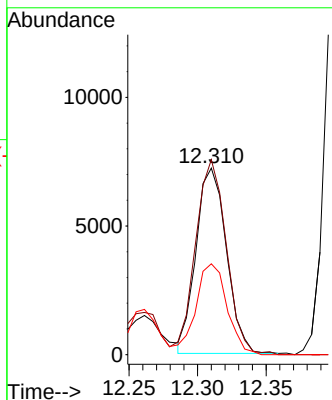
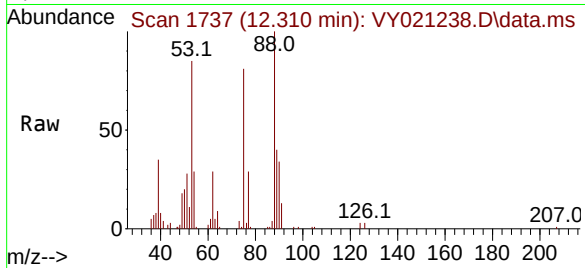




#81
trans-1,4-Dichloro-2-butene
Concen: 19.678 ug/l
RT: 12.310 min Scan# 11131
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

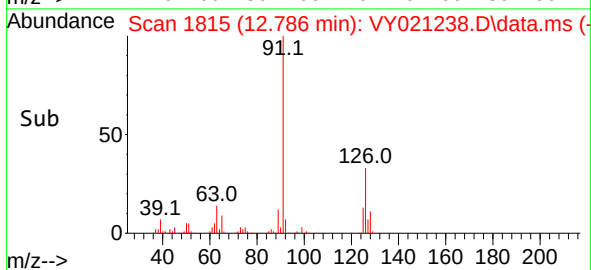
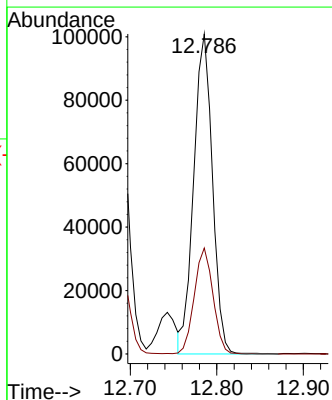
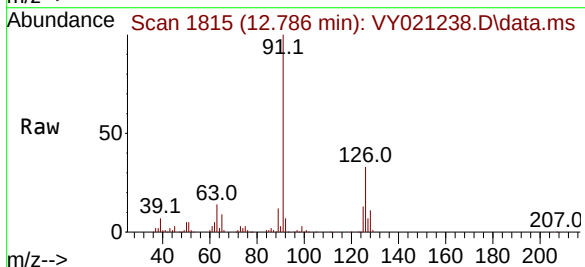
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

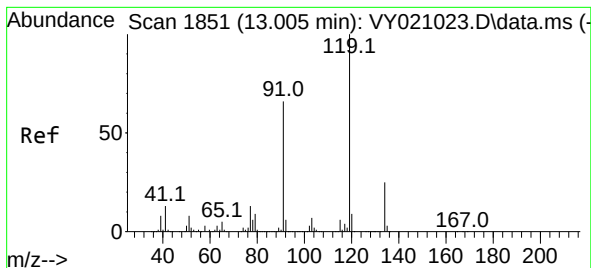
Tgt Ion: 75 Resp: 11131
Ion Ratio Lower Upper
75 100
53 107.0 74.0 111.0
89 50.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.910 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 91 Resp: 151381
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.237 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

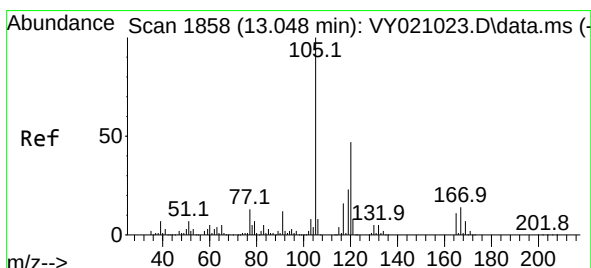
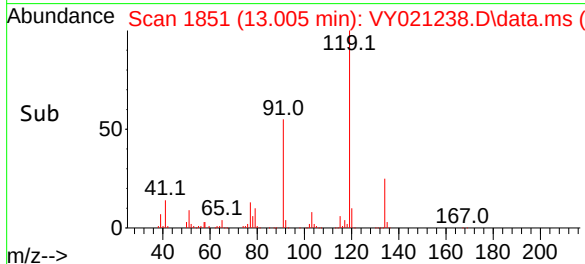
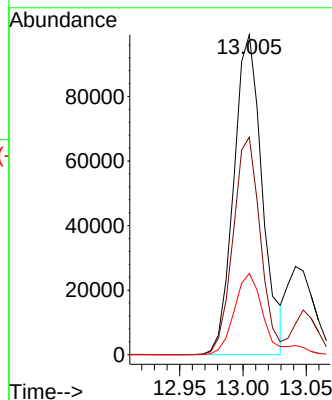
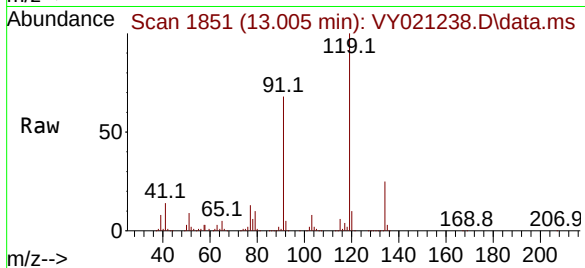
Tgt Ion:119 Resp: 155556

Ion Ratio Lower Upper

119 100

91 65.1 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.644 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021238.D

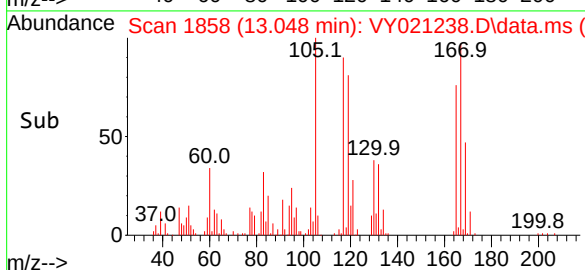
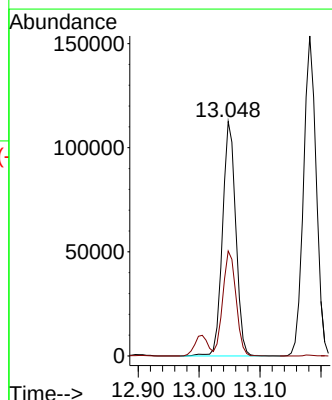
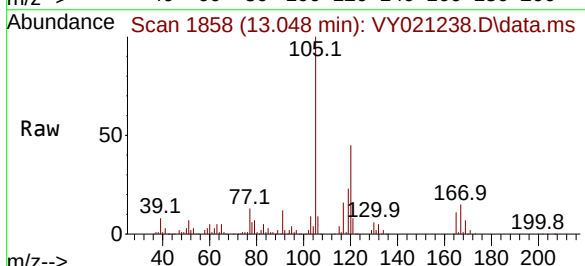
Acq: 19 Feb 2025 15:49

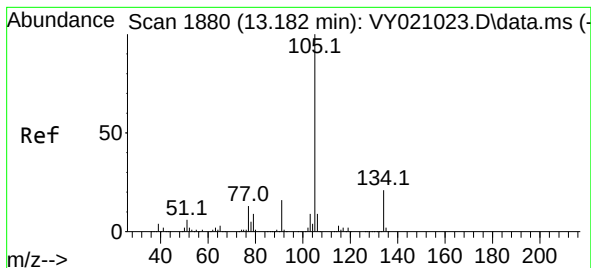
Tgt Ion:105 Resp: 170537

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.099 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

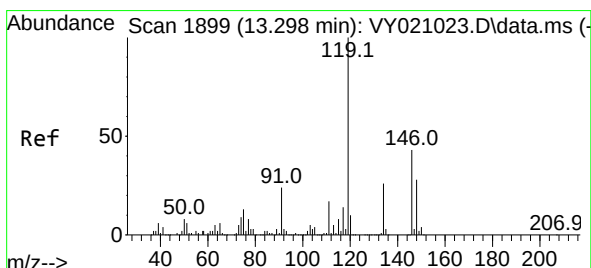
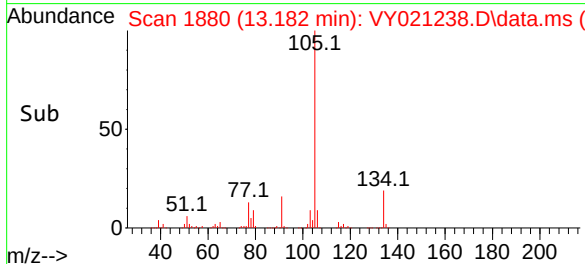
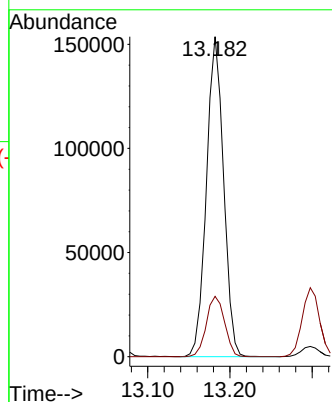
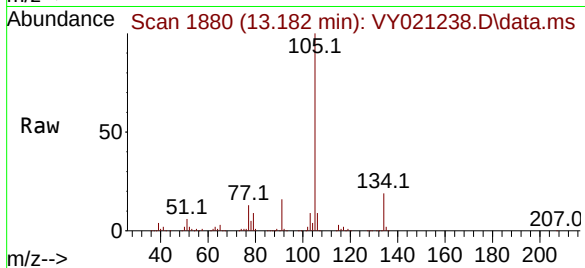
VY0219SBS01

Tgt Ion:105 Resp: 222457

Ion Ratio Lower Upper

105 100

134 20.0 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.155 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

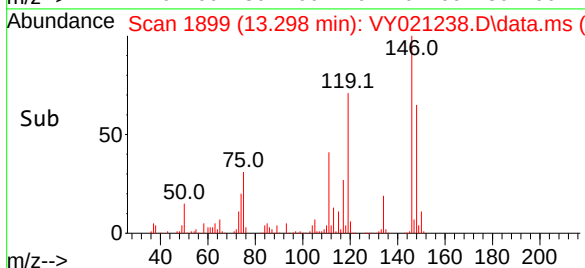
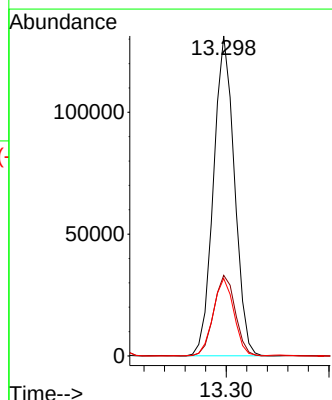
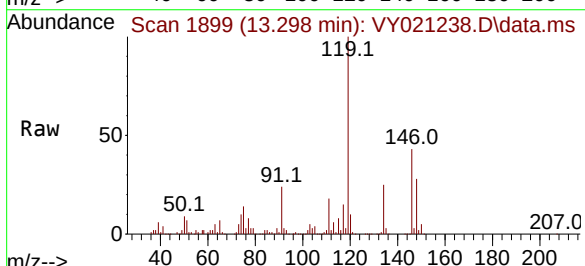
Tgt Ion:119 Resp: 185286

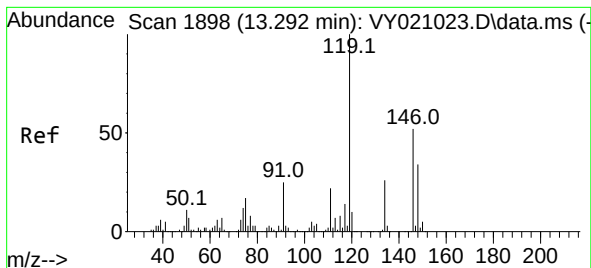
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.128 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

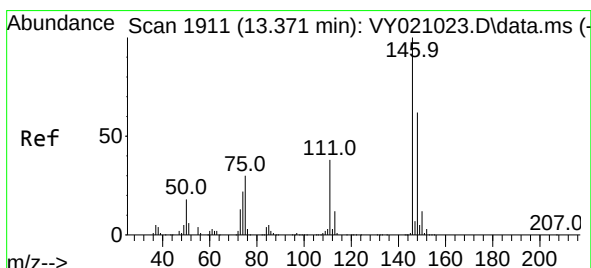
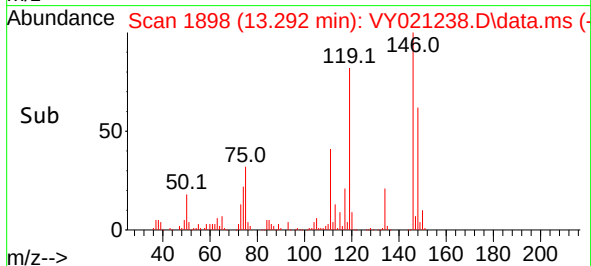
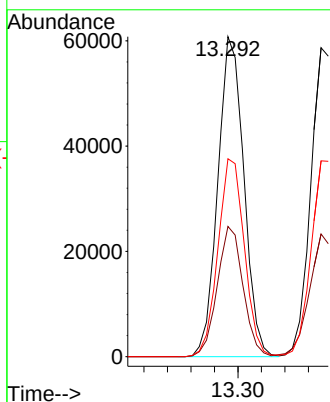
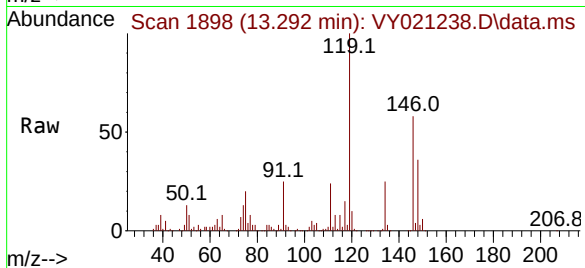
Tgt Ion:146 Resp: 93571

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.142 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

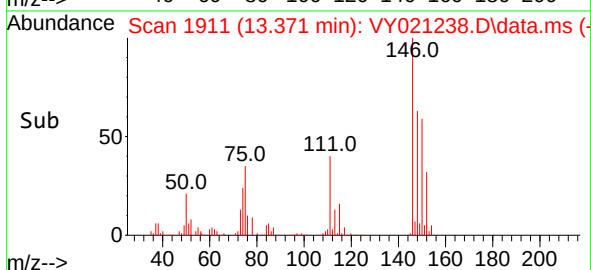
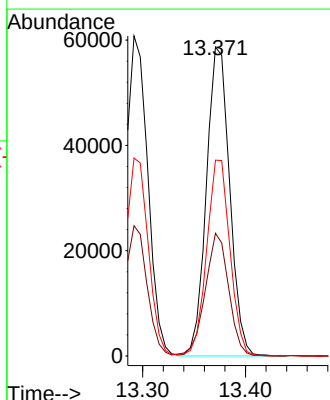
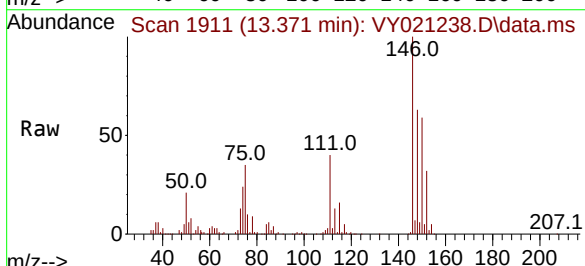
Tgt Ion:146 Resp: 92191

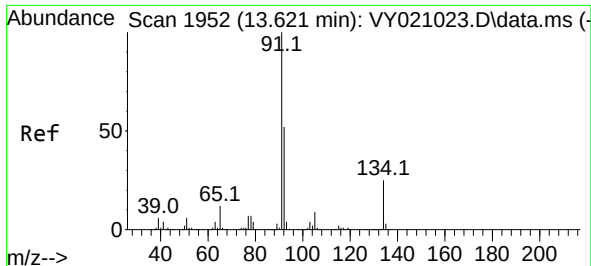
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 63.4 31.6 94.7

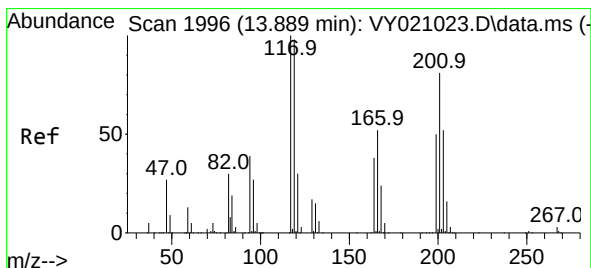
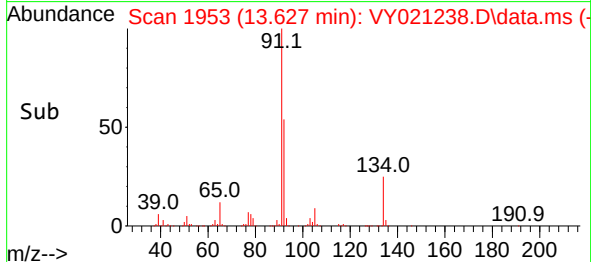
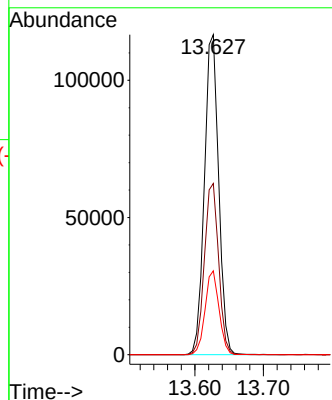
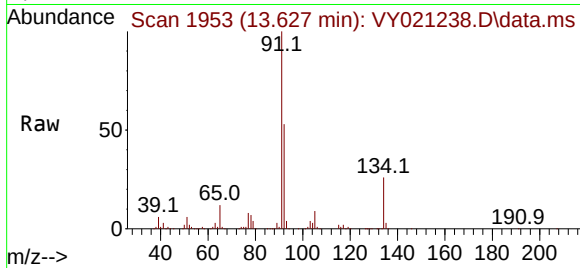




#89
n-Butylbenzene
Concen: 21.153 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

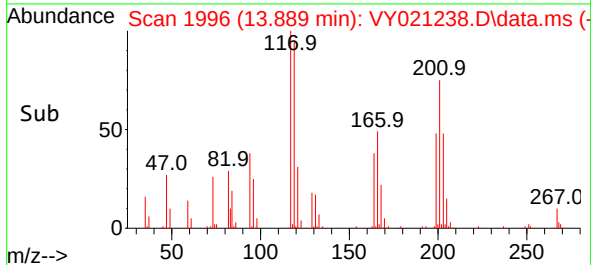
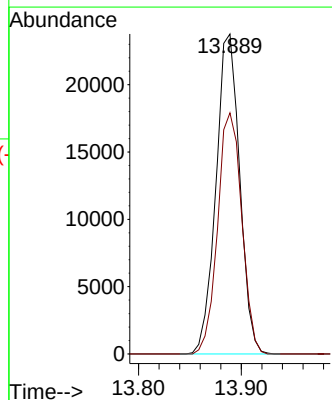
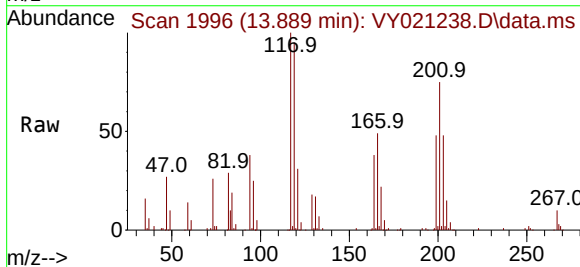
Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBS01

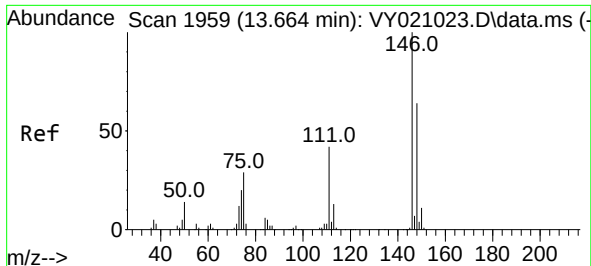
Tgt Ion: 91 Resp: 169011
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.2
134 25.7 12.3 36.8



#90
Hexachloroethane
Concen: 20.838 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021238.D
Acq: 19 Feb 2025 15:49

Tgt Ion: 117 Resp: 38075
Ion Ratio Lower Upper
117 100
201 76.5 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.833 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

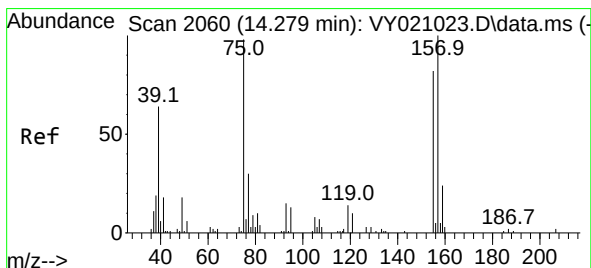
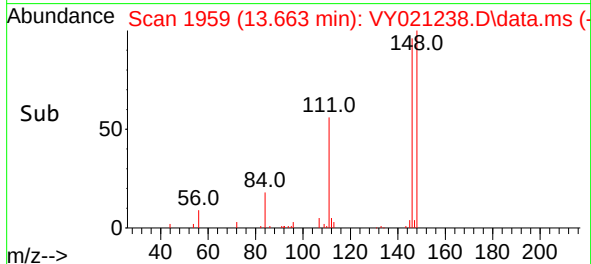
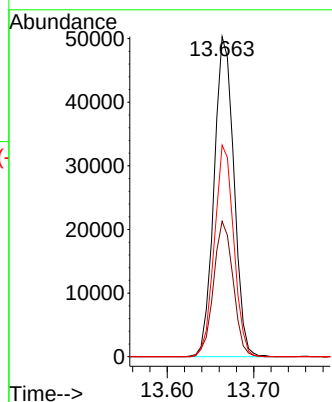
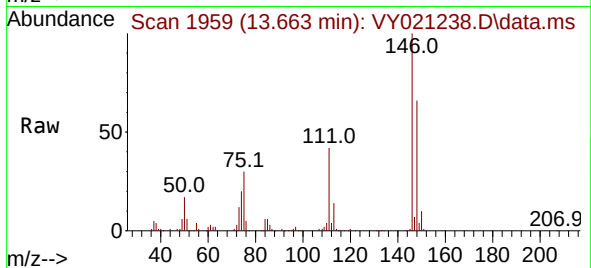
Tgt Ion:146 Resp: 80080

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.379 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

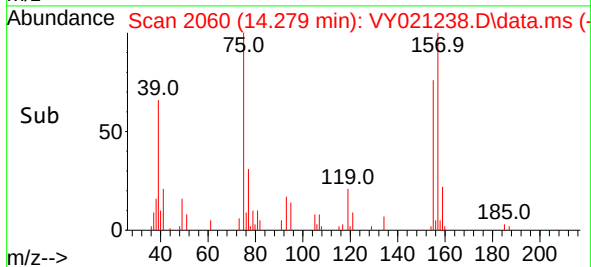
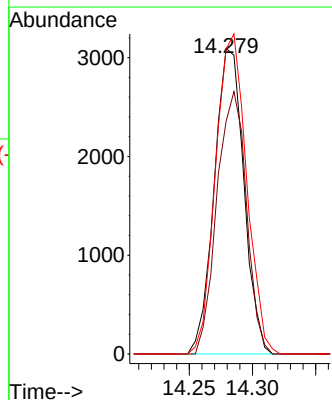
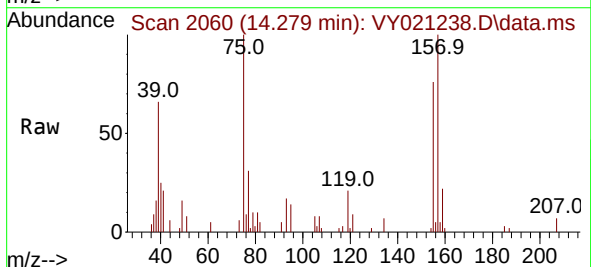
Tgt Ion: 75 Resp: 5034

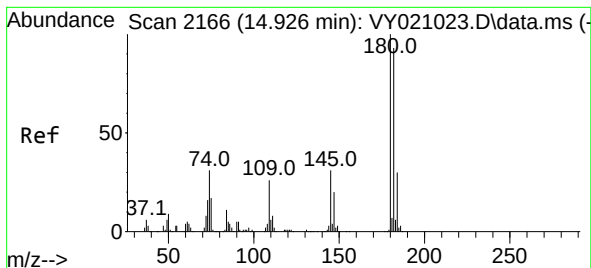
Ion Ratio Lower Upper

75 100

155 85.2 42.1 126.3

157 109.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.795 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

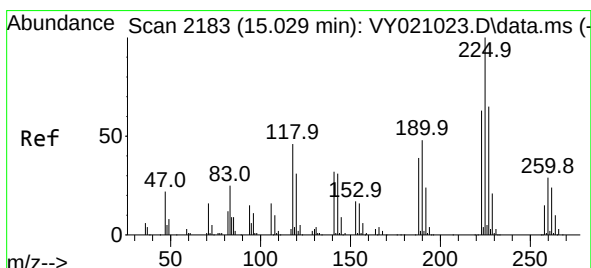
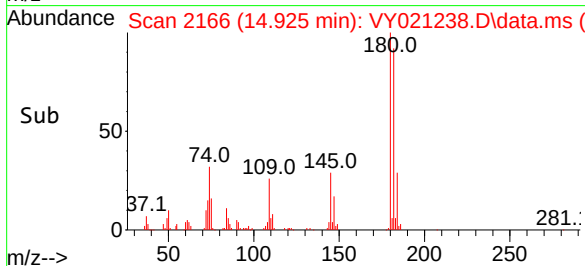
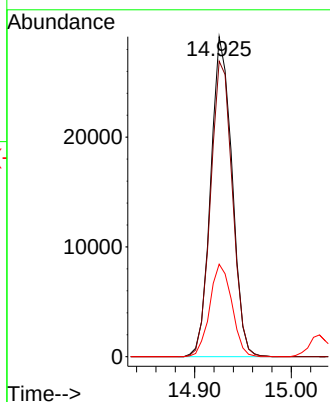
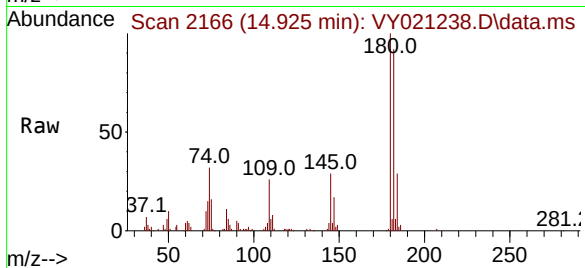
Tgt Ion:180 Resp: 44493

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.7

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.714 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

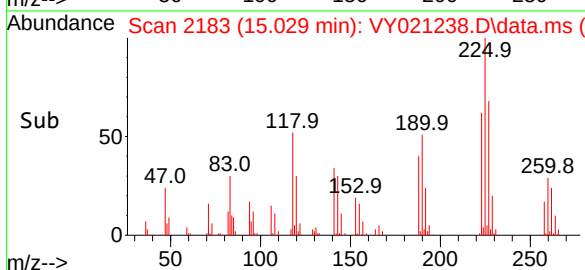
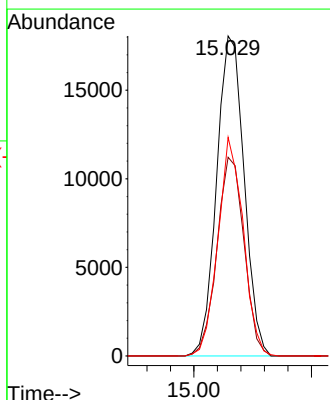
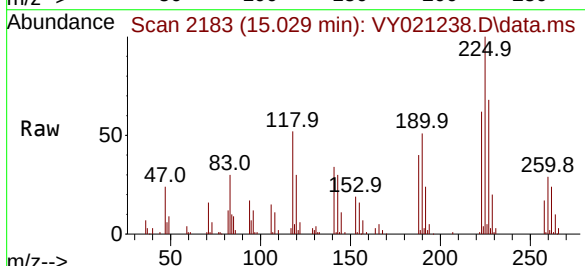
Tgt Ion:225 Resp: 29370

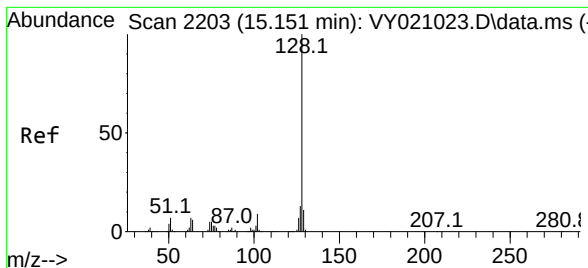
Ion Ratio Lower Upper

225 100

223 61.1 31.4 94.3

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 20.324 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0219SBS01

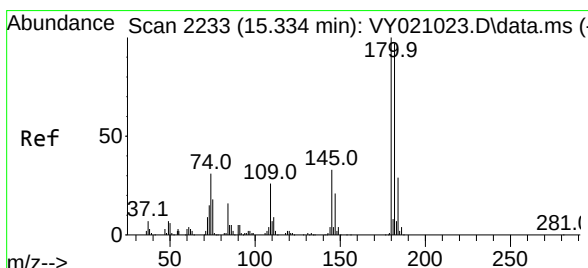
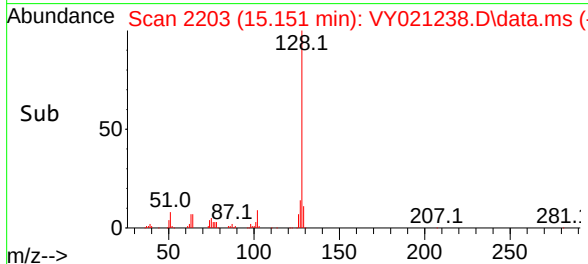
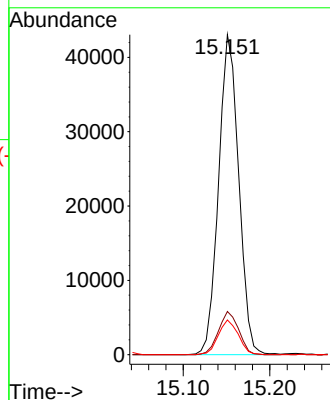
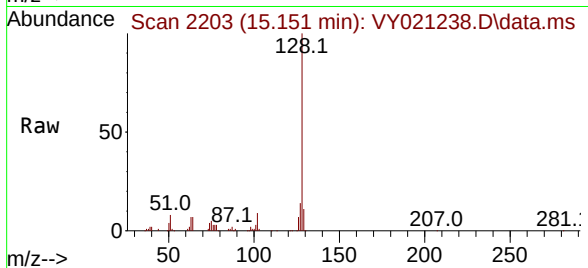
Tgt Ion:128 Resp: 69571

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.486 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021238.D

Acq: 19 Feb 2025 15:49

Tgt Ion:180 Resp: 36476

Ion Ratio Lower Upper

180 100

182 96.1 46.3 138.8

145 33.1 16.1 48.2

