

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020938.D
 Acq On : 27 Jan 2025 10:30
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 28 01:09:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	284690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	421508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	350671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	176333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	110174	48.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.646	113	113757	47.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.115	98	437191	46.579	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.414	95	149686	47.919	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	48149	22.361	ug/l	97
3) Chloromethane	2.080	50	36177	22.589	ug/l	100
4) Vinyl Chloride	2.214	62	38449	22.028	ug/l	100
5) Bromomethane	2.610	94	25063	21.200	ug/l	98
6) Chloroethane	2.751	64	22140	21.620	ug/l	94
7) Trichlorofluoromethane	3.074	101	80219	21.631	ug/l	98
8) Diethyl Ether	3.470	74	25635	22.491	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.836	101	53613	21.910	ug/l	99
10) Methyl Iodide	4.025	142	57246	19.630	ug/l	99
11) Tert butyl alcohol	4.884	59	20578	117.438	ug/l	96
12) 1,1-Dichloroethene	3.805	96	50393	21.807	ug/l	97
13) Acrolein	3.671	56	28649	120.605	ug/l	98
14) Allyl chloride	4.403	41	71560	22.186	ug/l	97
15) Acrylonitrile	5.080	53	53095	118.506	ug/l	99
16) Acetone	3.885	43	37133	120.743	ug/l	89
17) Carbon Disulfide	4.129	76	156670	21.953	ug/l	99
18) Methyl Acetate	4.403	43	25924	23.335	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	119786	22.380	ug/l	95
20) Methylene Chloride	4.635	84	49667	21.715	ug/l	99
21) trans-1,2-Dichloroethene	5.134	96	53877	21.624	ug/l	96
22) Diisopropyl ether	6.031	45	143225	22.076	ug/l	92
23) Vinyl Acetate	5.976	43	410775	114.402	ug/l	99
24) 1,1-Dichloroethane	5.933	63	89697	21.810	ug/l	97
25) 2-Butanone	6.909	43	61766	118.564	ug/l	98
26) 2,2-Dichloropropane	6.902	77	87236	21.535	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	61025	21.702	ug/l	99
28) Bromochloromethane	7.256	49	35732	21.588	ug/l	99
29) Tetrahydrofuran	7.274	42	41958	120.850	ug/l	99
30) Chloroform	7.433	83	93910	21.575	ug/l	100
31) Cyclohexane	7.719	56	85125	21.060	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	91052	21.566	ug/l	99
36) 1,1-Dichloropropene	7.847	75	71879	21.275	ug/l	99
37) Ethyl Acetate	7.000	43	30141	22.995	ug/l	99
38) Carbon Tetrachloride	7.829	117	85604	21.011	ug/l	98
39) Methylcyclohexane	9.122	83	95857	20.958	ug/l	98
40) Benzene	8.091	78	215434	21.736	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	18562	26.807	ug/l #	88
42) 1,2-Dichloroethane	8.170	62	54032	21.908	ug/l	99
43) Isopropyl Acetate	8.207	43	56703	22.812	ug/l	100
44) Trichloroethene	8.878	130	58573	21.752	ug/l	89
45) 1,2-Dichloropropane	9.152	63	46784	21.383	ug/l	97
46) Dibromomethane	9.243	93	27400	22.029	ug/l	98
47) Bromodichloromethane	9.432	83	70879	21.417	ug/l	96
48) Methyl methacrylate	9.231	41	26351	22.474	ug/l	98
49) 1,4-Dioxane	9.243	88	6041	471.706	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	144479	115.278	ug/l	98
52) Toluene	10.182	92	136581	21.426	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	66799	22.013	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	76726	21.175	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	37817	22.493	ug/l	97
56) Ethyl methacrylate	10.451	69	49929	22.660	ug/l	96
57) 1,3-Dichloropropane	10.725	76	63035	22.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	95288	95.282	ug/l	100
59) 2-Hexanone	10.768	43	94676	117.476	ug/l	99
60) Dibromochloromethane	10.920	129	51729	21.861	ug/l	99
61) 1,2-Dibromoethane	11.024	107	35891	22.319	ug/l	97
64) Tetrachloroethene	10.658	164	53316	21.848	ug/l	96
65) Chlorobenzene	11.450	112	147278	21.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	52538	21.560	ug/l	99
67) Ethyl Benzene	11.530	91	255989	21.393	ug/l	99
68) m/p-Xylenes	11.639	106	199594	43.562	ug/l	100
69) o-Xylene	11.962	106	92840	21.692	ug/l	99
70) Styrene	11.981	104	153642	21.905	ug/l	99
71) Bromoform	12.139	173	31094	22.534	ug/l #	99
73) Isopropylbenzene	12.261	105	248935	20.498	ug/l	100
74) N-amyl acetate	12.078	43	47129	21.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	41935	22.193	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	53831	43.177	ug/l #	100
77) Bromobenzene	12.542	156	59254	20.815	ug/l	98
78) n-propylbenzene	12.603	91	293711	20.762	ug/l	99
79) 2-Chlorotoluene	12.688	91	166593	20.764	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	202745	20.777	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	14641	22.688	ug/l	96
82) 4-Chlorotoluene	12.785	91	171424	20.923	ug/l	100
83) tert-Butylbenzene	13.005	119	183352	20.371	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	200305	20.851	ug/l	100
85) sec-Butylbenzene	13.182	105	265445	20.685	ug/l	100
86) p-Isopropyltoluene	13.304	119	224491	20.706	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	114125	20.935	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	112075	20.929	ug/l	98
89) n-Butylbenzene	13.627	91	195281	20.420	ug/l	100
90) Hexachloroethane	13.889	117	43323	20.116	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	98897	20.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6385	22.494	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	58110	20.453	ug/l	99
94) Hexachlorobutadiene	15.035	225	39240	20.186	ug/l	98
95) Naphthalene	15.157	128	95967	21.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	49716	20.828	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

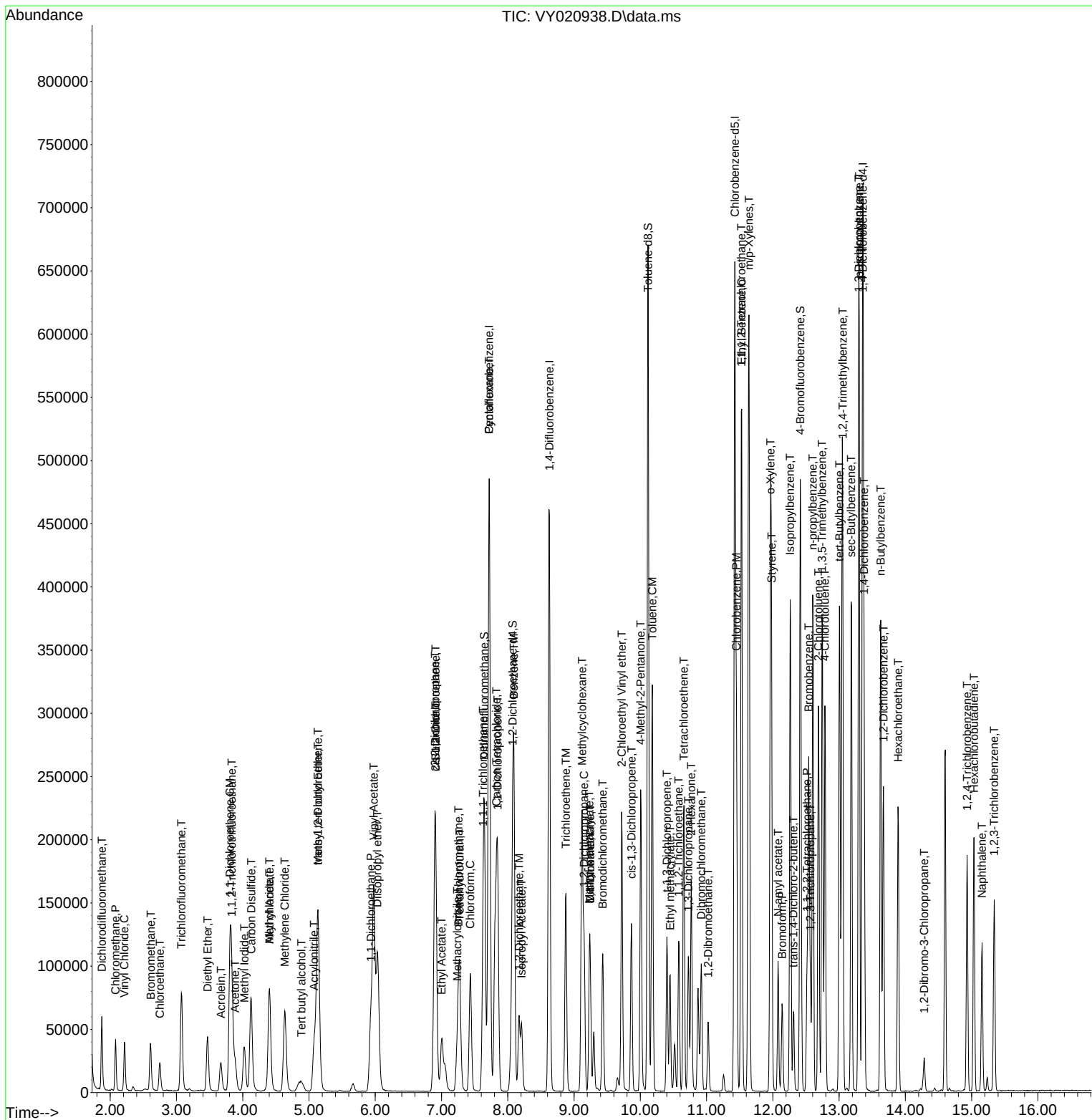
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MSVOA_Y
ClientSampleId :

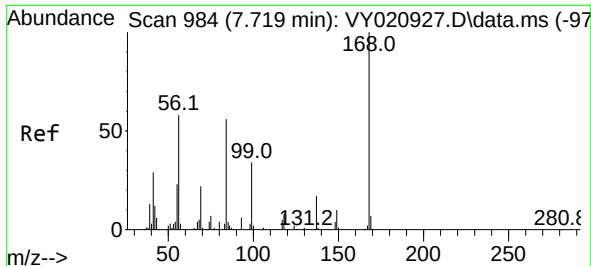
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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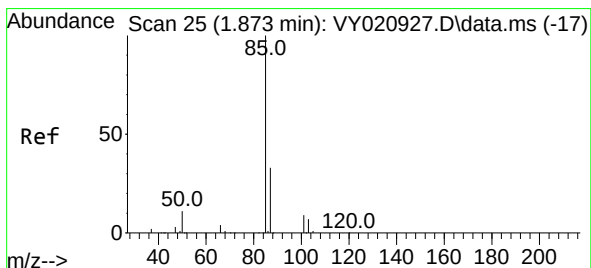
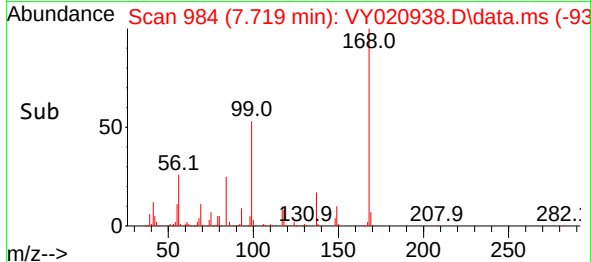
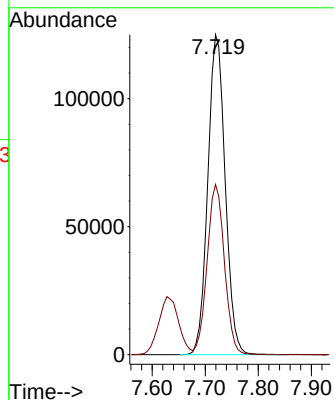
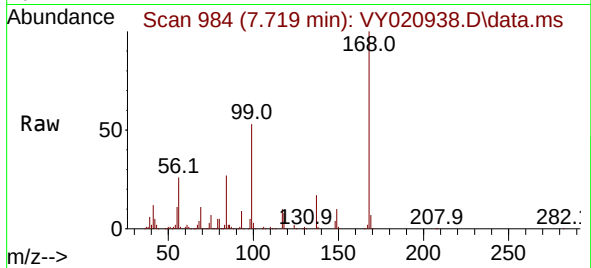




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020938.D
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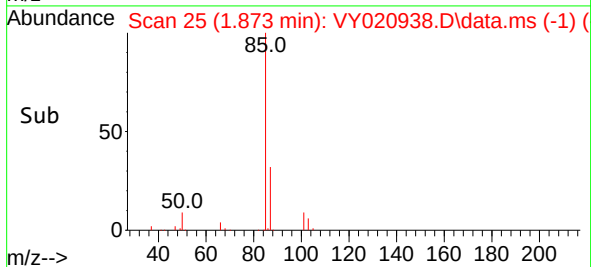
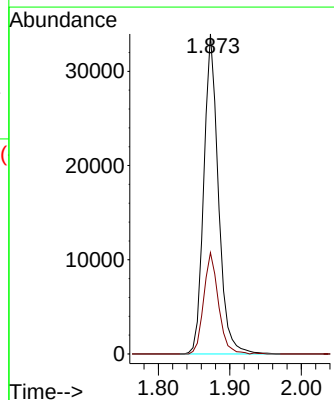
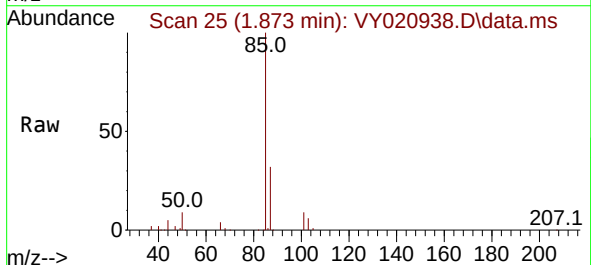
Instrument :
MSVOA_Y
ClientSampleId :

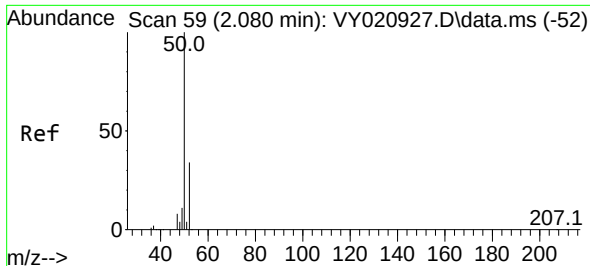
Tgt Ion:168 Resp: 284690
Ion Ratio Lower Upper
168 100
99 53.2 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 22.361 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 85 Resp: 48149
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

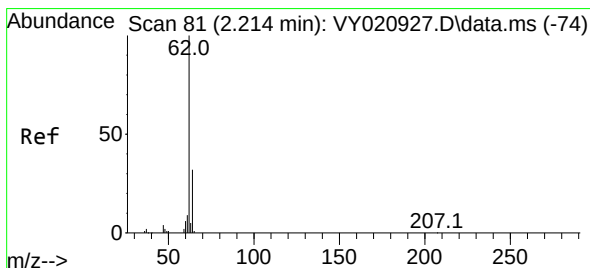
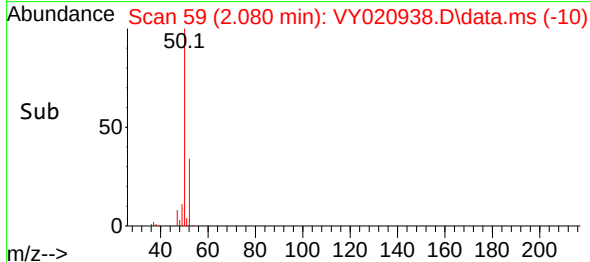
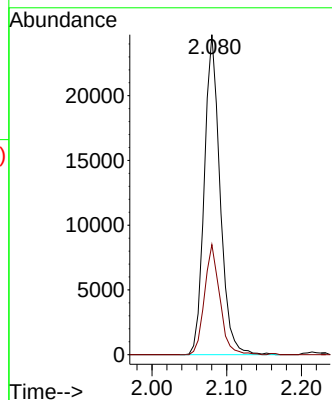
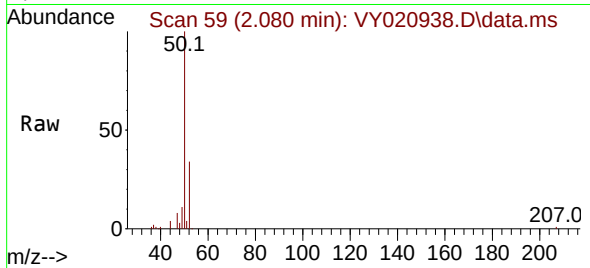




#3
Chloromethane
Concen: 22.589 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

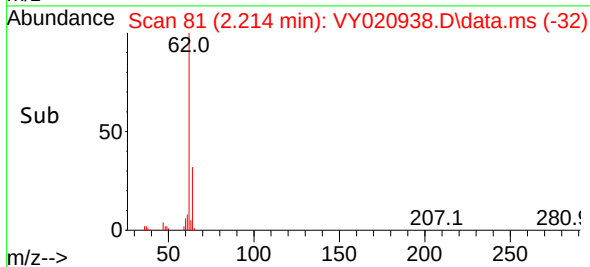
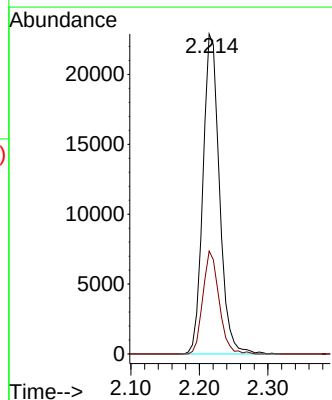
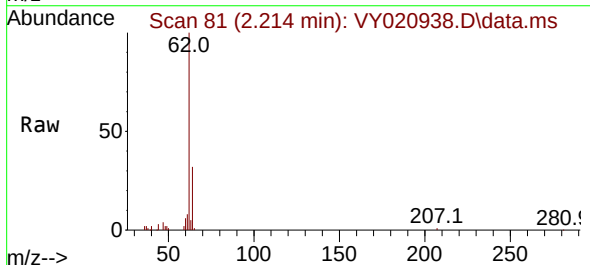
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MSVOA_Y
ClientSampleId :

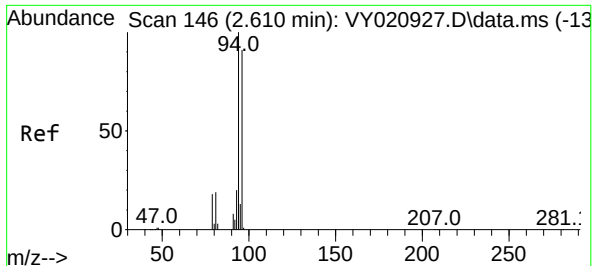
Tgt Ion: 50 Resp: 36177
Ion Ratio Lower Upper
50 100
52 34.4 27.4 41.0



#4
Vinyl Chloride
Concen: 22.028 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 62 Resp: 38449
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

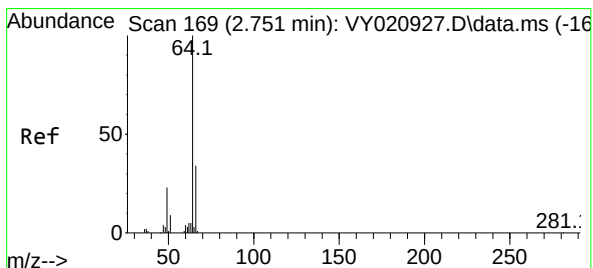
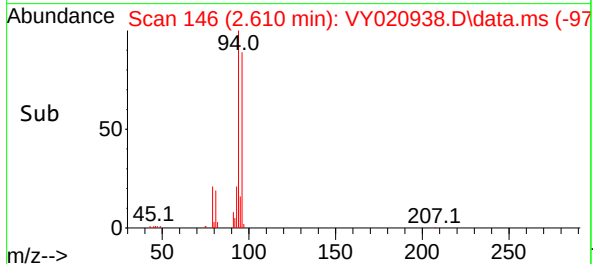
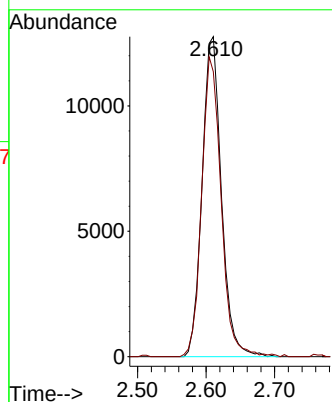
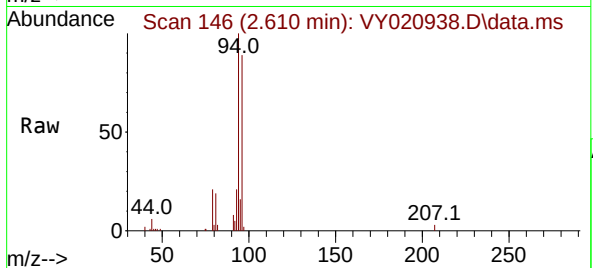




#5
Bromomethane
Concen: 21.200 ug/l
RT: 2.610 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

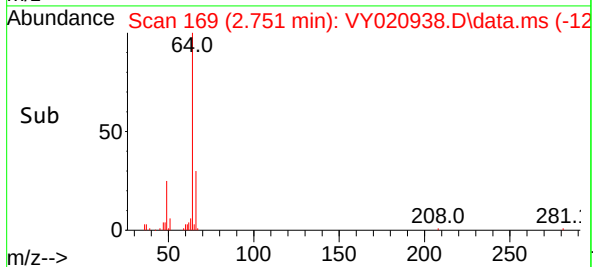
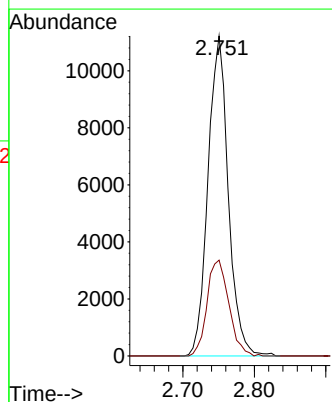
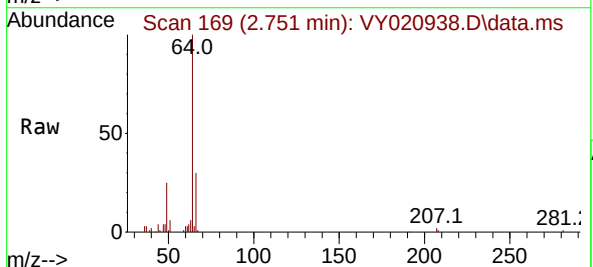
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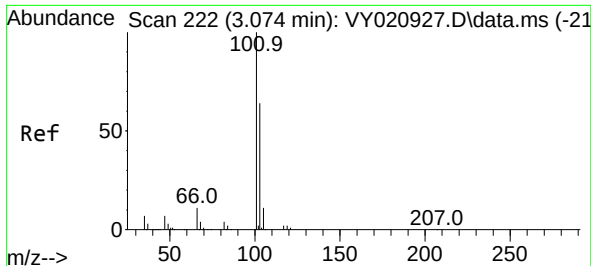
Tgt Ion: 94 Resp: 25063
Ion Ratio Lower Upper
94 100
96 89.0 72.6 109.0



#6
Chloroethane
Concen: 21.620 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

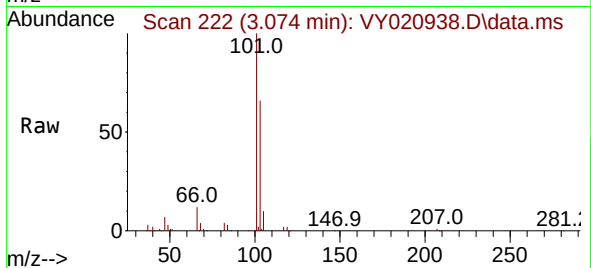
Tgt Ion: 64 Resp: 22140
Ion Ratio Lower Upper
64 100
66 30.0 26.9 40.3



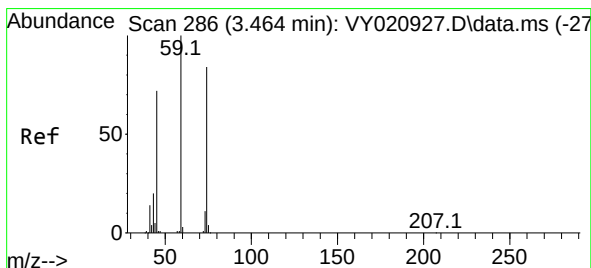
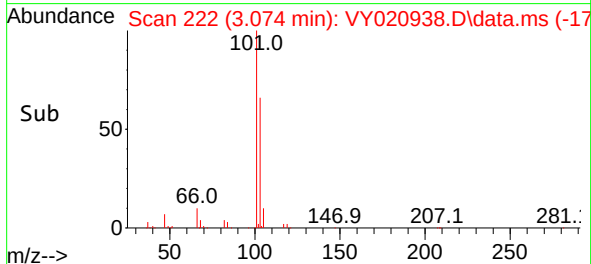
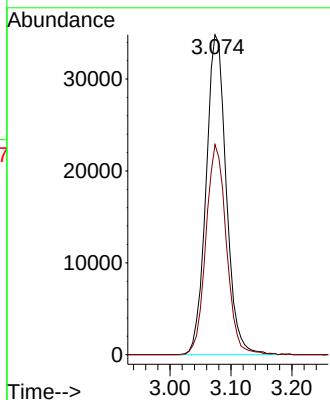


#7
Trichlorofluoromethane
Concen: 21.631 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Instrument :
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ClientSampleId :

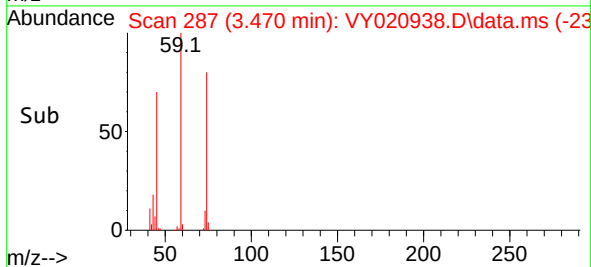
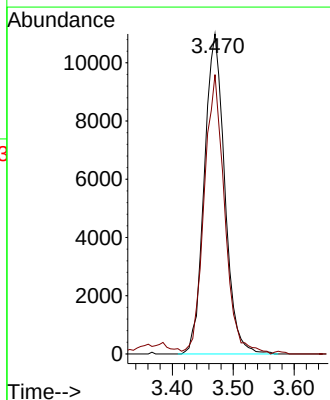
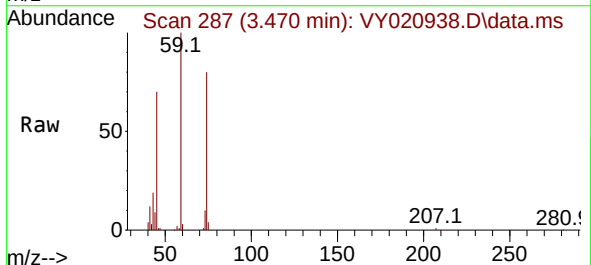


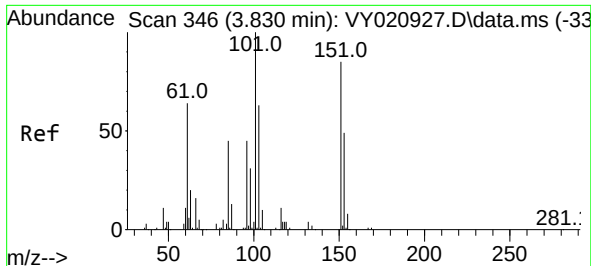
Tgt Ion:101 Resp: 80219
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.4



#8
Diethyl Ether
Concen: 22.491 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 74 Resp: 25635
Ion Ratio Lower Upper
74 100
45 87.3 45.1 135.2

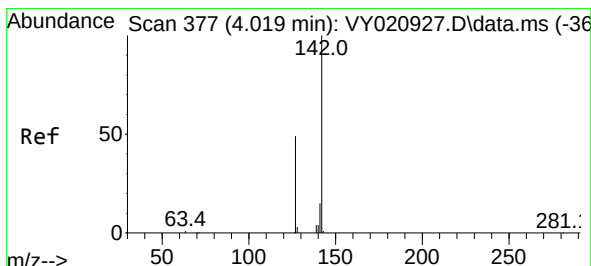
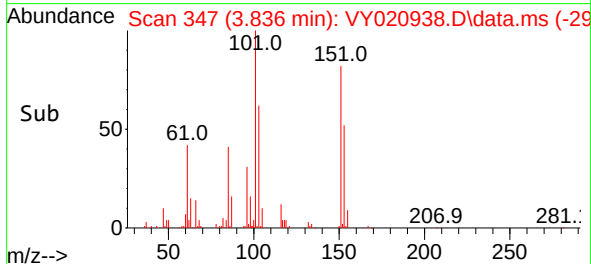
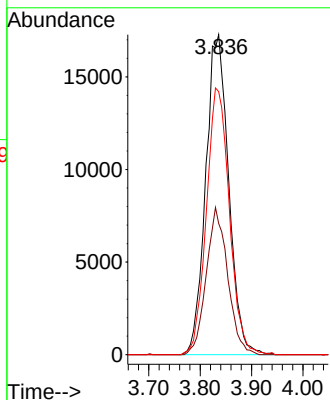
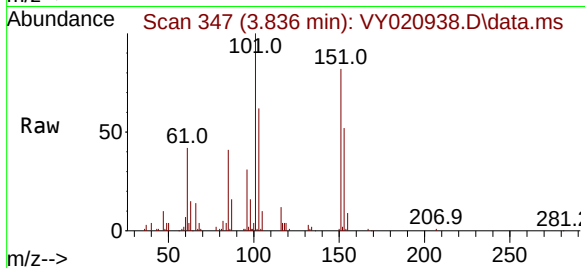




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.910 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020938.D
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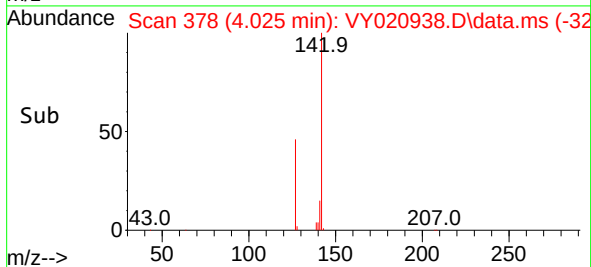
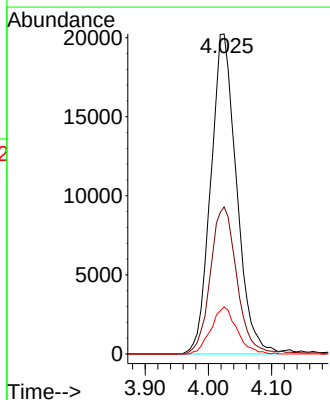
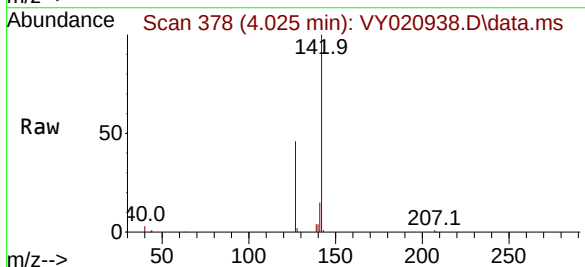
Instrument :
MSVOA_Y
ClientSampleId :

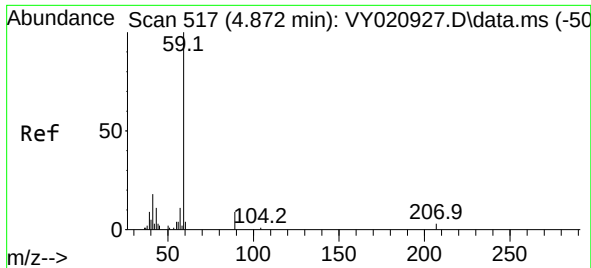
Tgt Ion:101 Resp: 53613
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.2
151 83.6 66.3 99.5



#10
Methyl Iodide
Concen: 19.630 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion:142 Resp: 57246
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 14.7 11.4 17.2

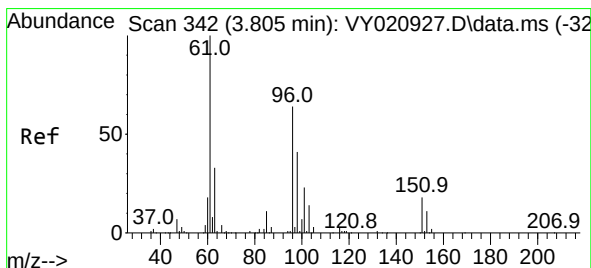
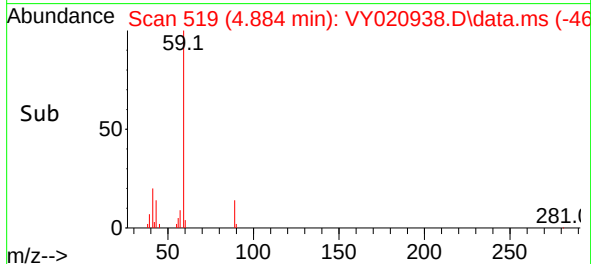
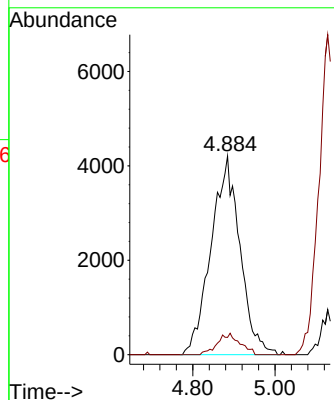
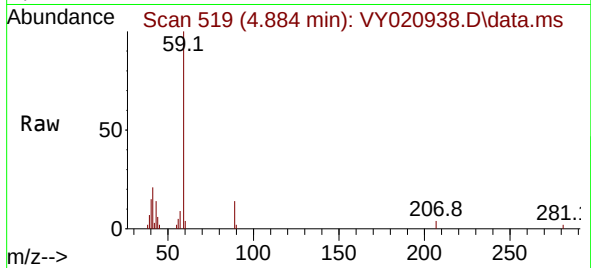




#11
Tert butyl alcohol
Concen: 117.438 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

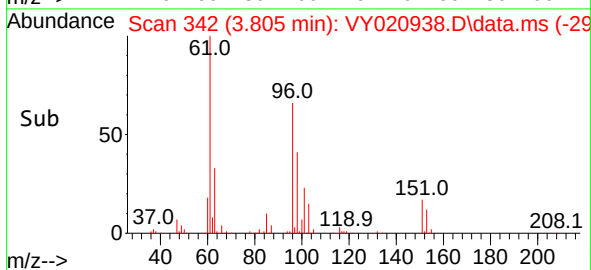
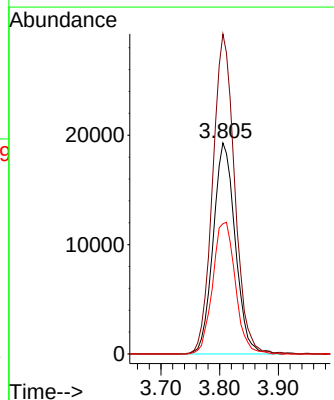
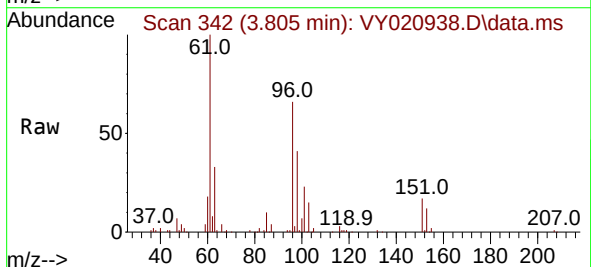
Instrument :
MSVOA_Y
ClientSampleId :

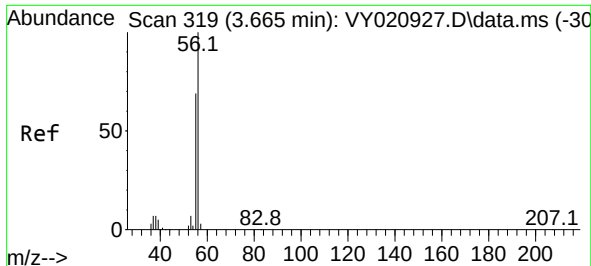
Tgt Ion: 59 Resp: 20578
Ion Ratio Lower Upper
59 100
57 8.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.807 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 96 Resp: 50393
Ion Ratio Lower Upper
96 100
61 151.6 124.5 186.7
98 61.7 50.5 75.7





#13

Acrolein

Concen: 120.605 ug/l

RT: 3.671 min Scan# 319

Delta R.T. 0.006 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

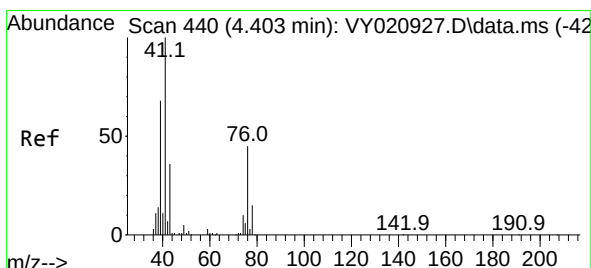
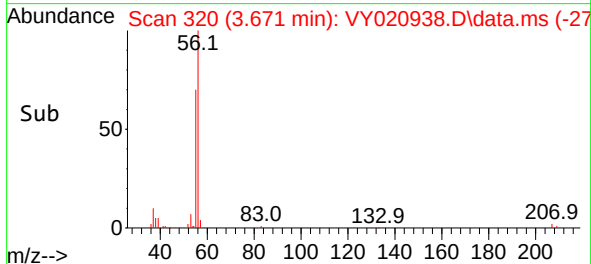
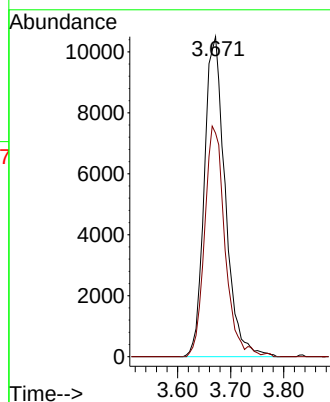
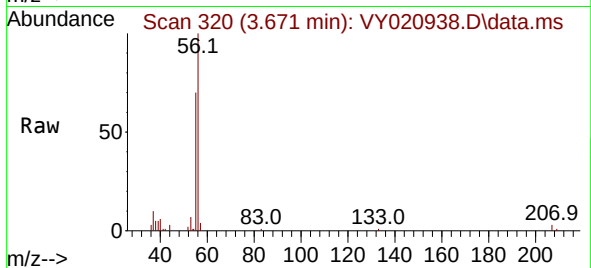
ClientSampleId :

Tgt Ion: 56 Resp: 28649

Ion Ratio Lower Upper

56 100

55 70.1 54.6 81.8



#14

Allyl chloride

Concen: 22.186 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

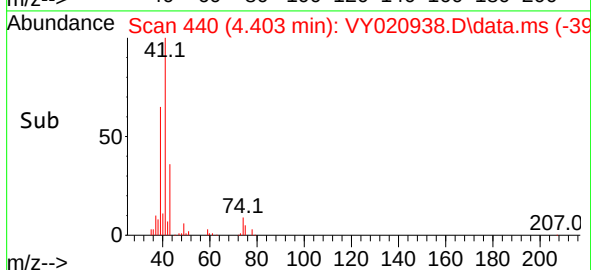
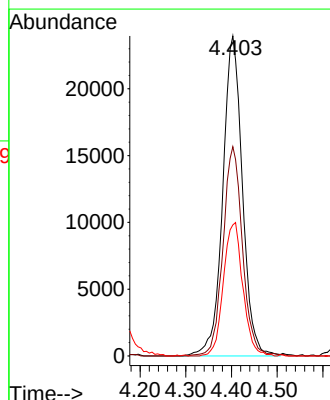
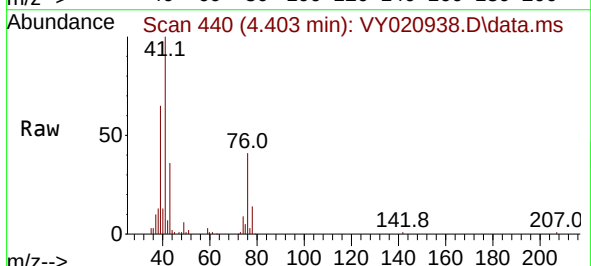
Tgt Ion: 41 Resp: 71560

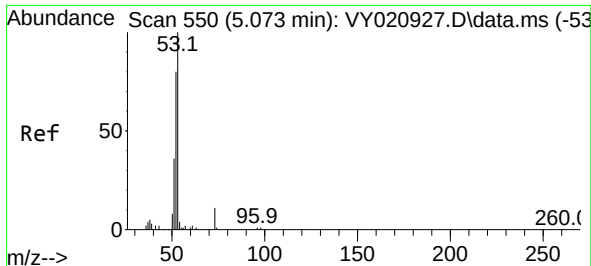
Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.6

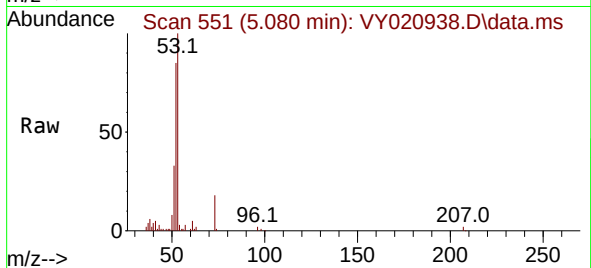
76 41.2 34.2 51.4



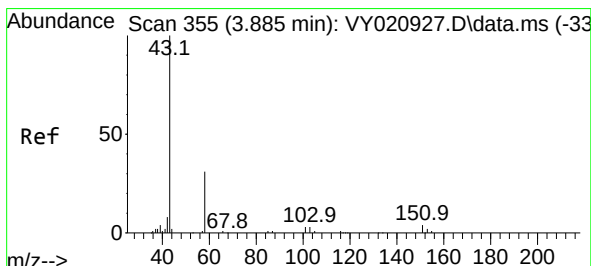
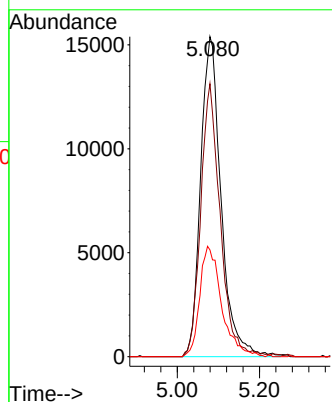
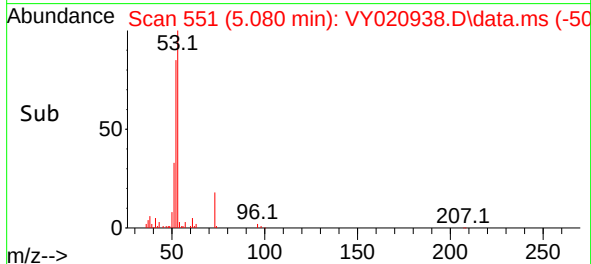


#15
Acrylonitrile
Concen: 118.506 ug/l
RT: 5.080 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

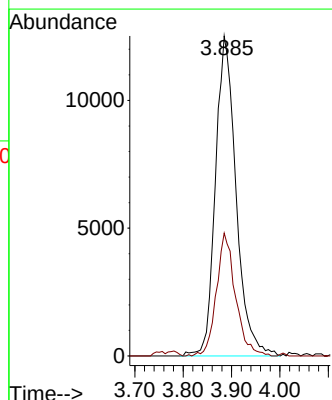
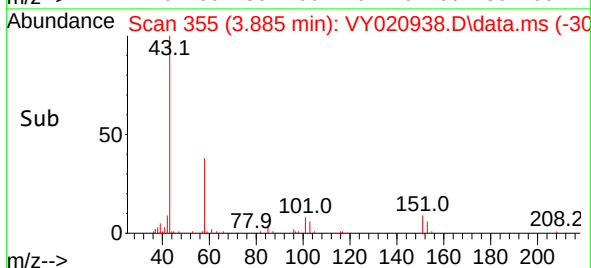
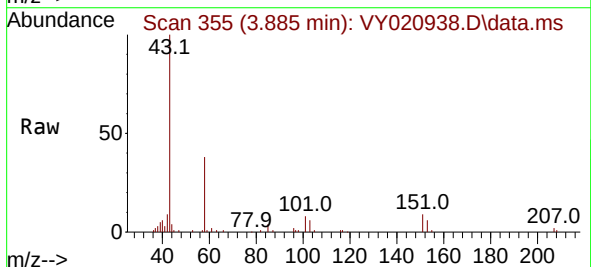


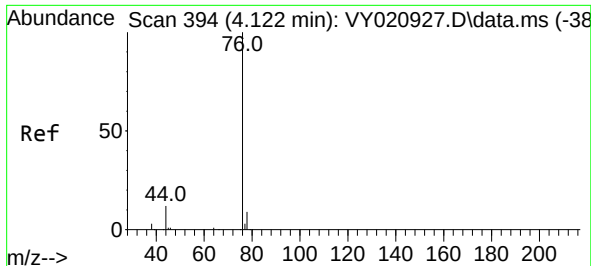
Tgt Ion: 53 Resp: 53095
Ion Ratio Lower Upper
53 100
52 81.4 64.5 96.7
51 37.0 28.9 43.3



#16
Acetone
Concen: 120.743 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 43 Resp: 37133
Ion Ratio Lower Upper
43 100
58 38.0 25.6 38.4

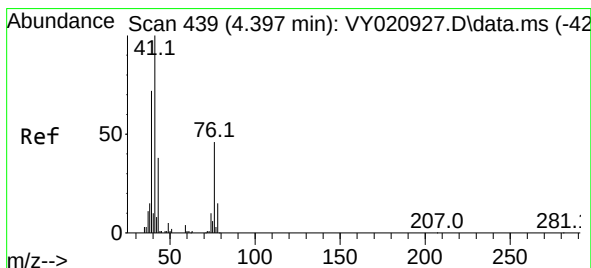
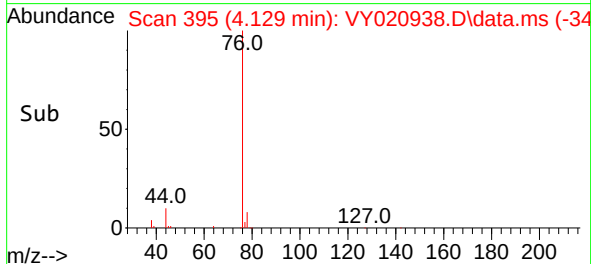
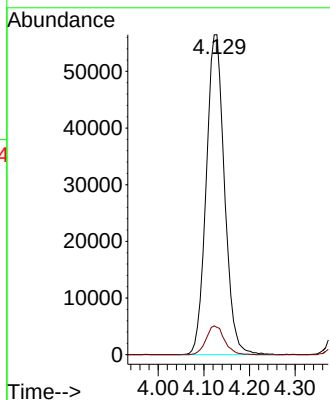
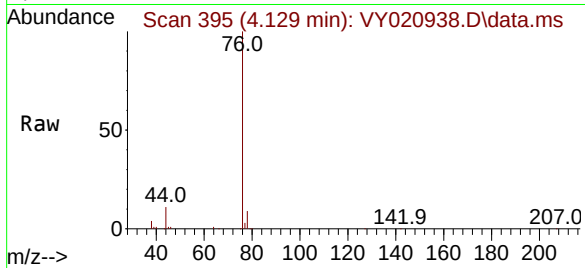




#17
Carbon Disulfide
Concen: 21.953 ug/l
RT: 4.129 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

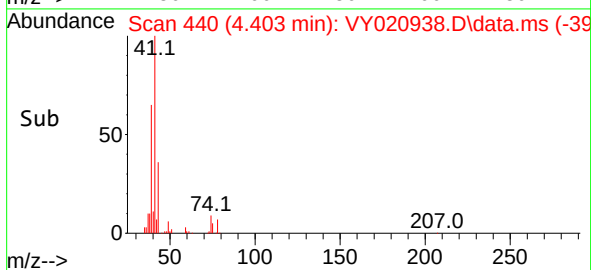
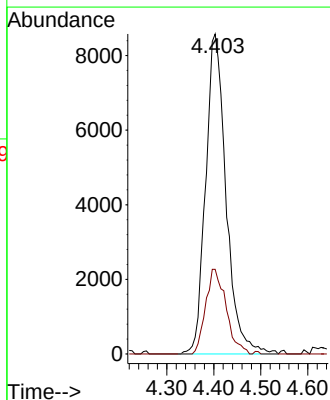
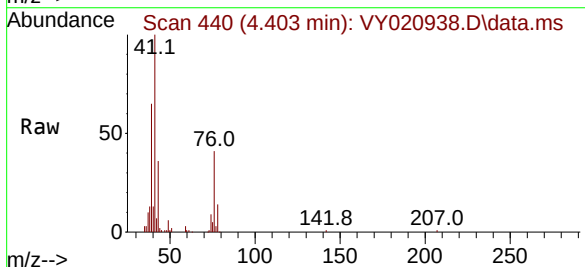
Instrument :
MSVOA_Y
ClientSampleId :

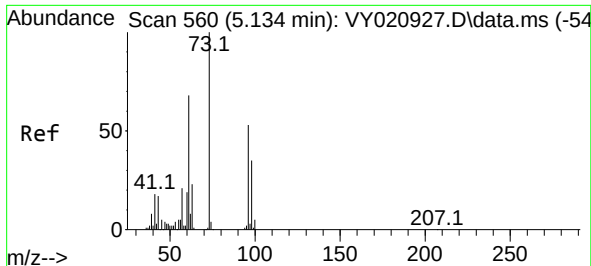
Tgt Ion: 76 Resp: 156670
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 23.335 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 43 Resp: 25924
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6





#19

Methyl tert-butyl Ether

Concen: 22.380 ug/l

RT: 5.134 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

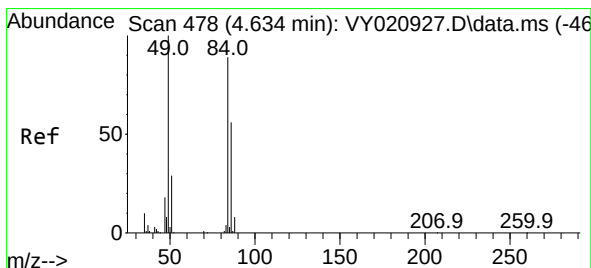
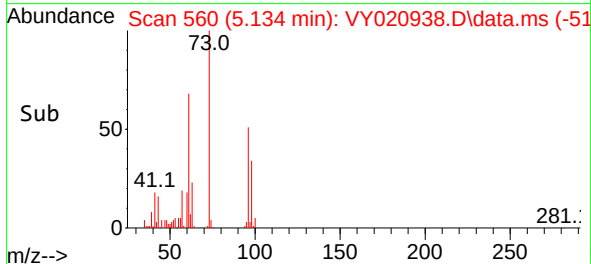
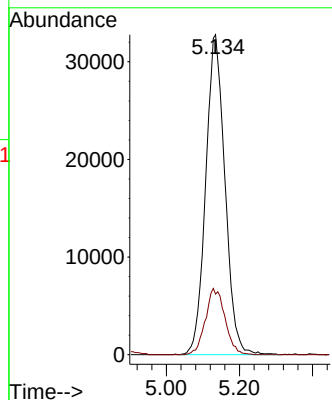
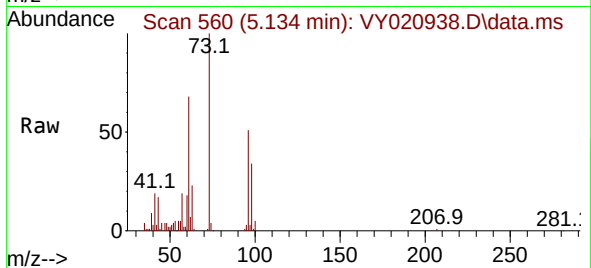
ClientSampleId :

Tgt Ion: 73 Resp: 119786

Ion Ratio Lower Upper

73 100

57 18.9 17.0 25.6



#20

Methylene Chloride

Concen: 21.715 ug/l

RT: 4.635 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Tgt Ion: 84 Resp: 49667

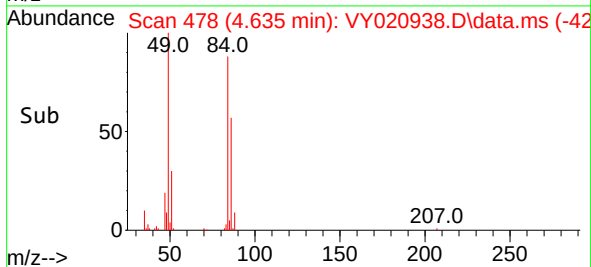
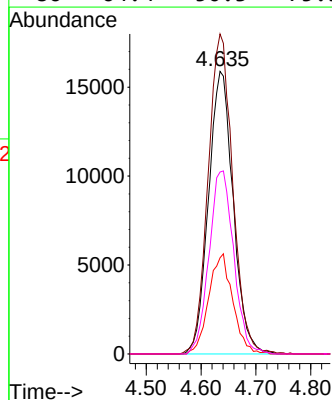
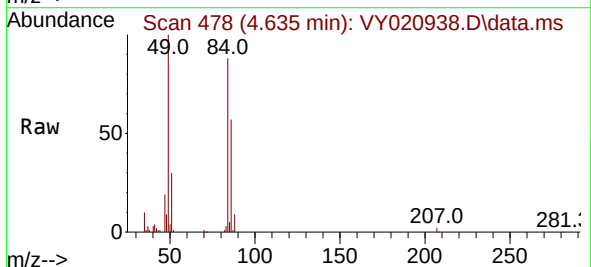
Ion Ratio Lower Upper

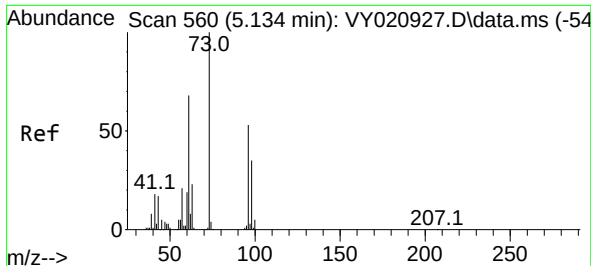
84 100

49 113.2 90.3 135.5

51 34.0 26.6 39.8

86 64.4 50.3 75.5

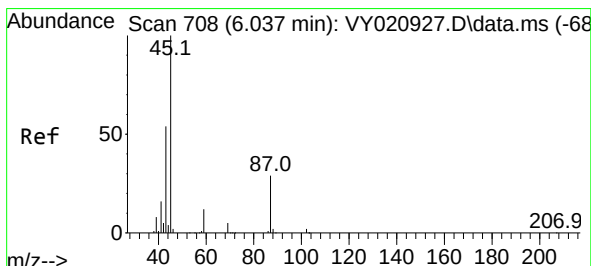
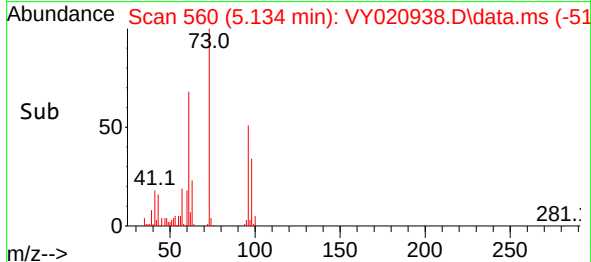
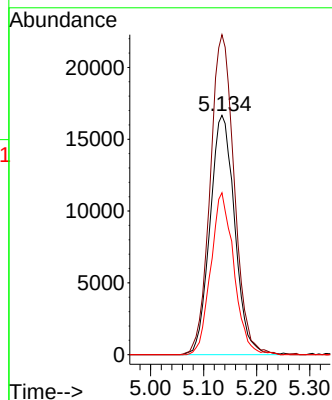
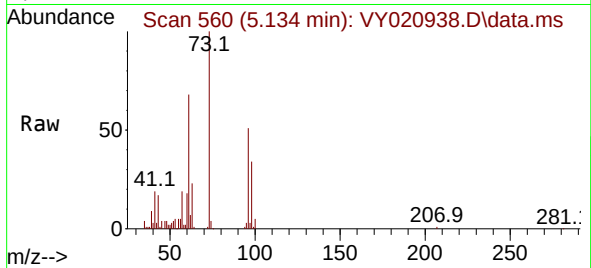




#21
trans-1,2-Dichloroethene
Concen: 21.624 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

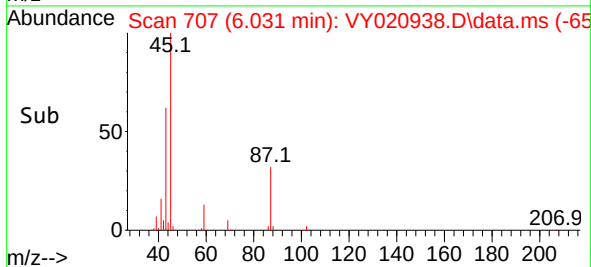
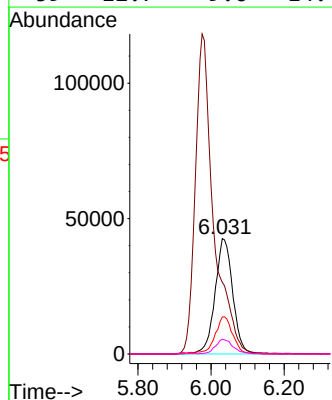
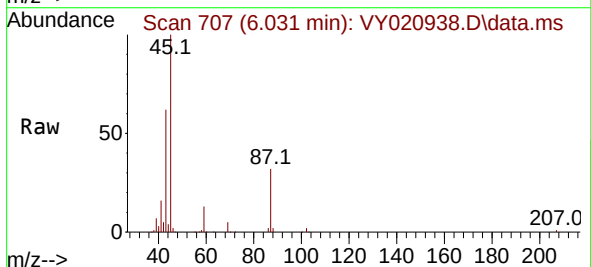
Instrument :
MSVOA_Y
ClientSampleId :

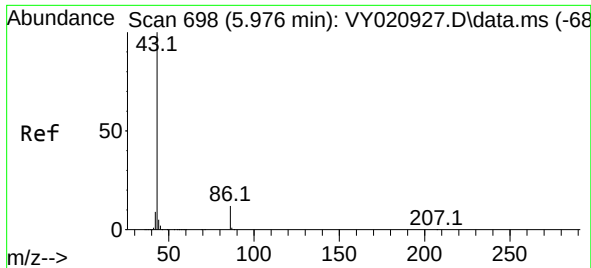
Tgt Ion: 96 Resp: 53877
Ion Ratio Lower Upper
96 100
61 133.7 102.4 153.6
98 67.7 52.0 78.0



#22
Diisopropyl ether
Concen: 22.076 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 45 Resp: 143225
Ion Ratio Lower Upper
45 100
43 61.6 43.2 64.8
87 32.1 23.4 35.0
59 12.7 9.6 14.4

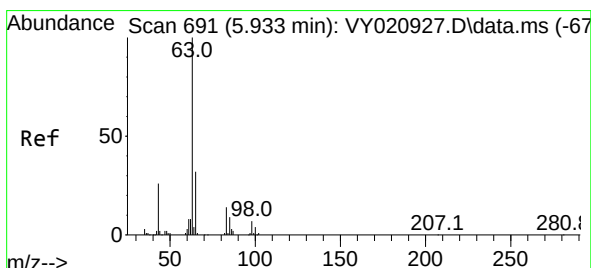
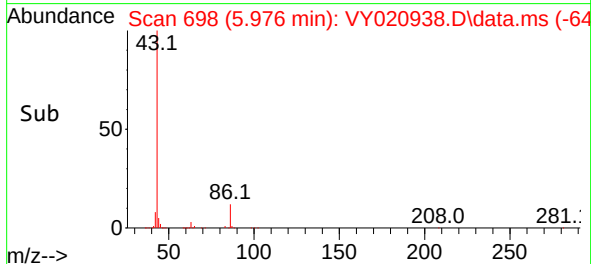
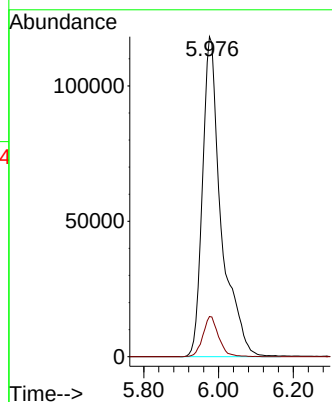
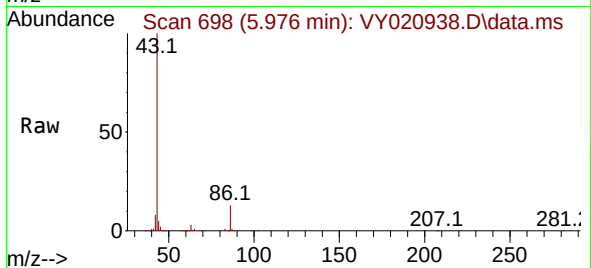




#23
 Vinyl Acetate
 Concen: 114.402 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020938.D
 Acq: 27 Jan 2025 10:30

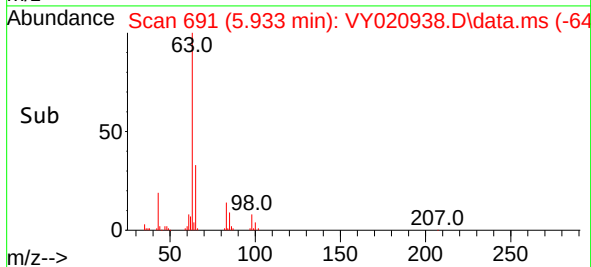
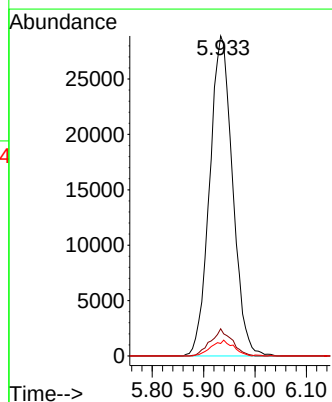
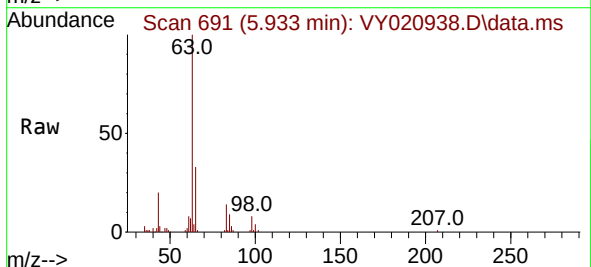
Instrument :
 MSVOA_Y
 ClientSampleId :

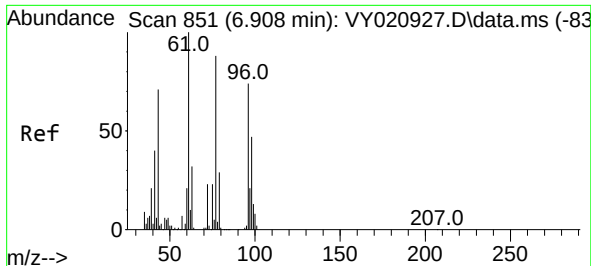
Tgt Ion: 43 Resp: 410775
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 21.810 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020938.D
 Acq: 27 Jan 2025 10:30

Tgt Ion: 63 Resp: 89697
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.7 11.1
 100 3.9 2.3 6.8

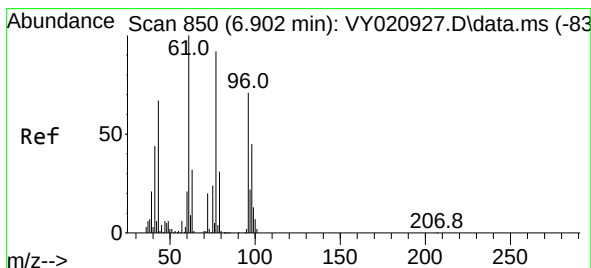
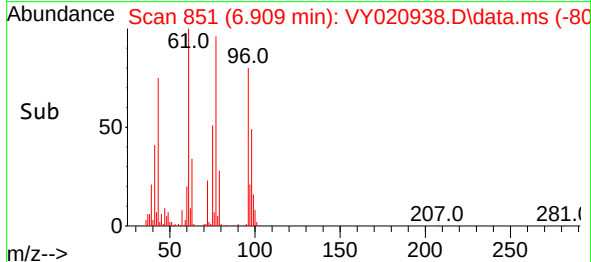
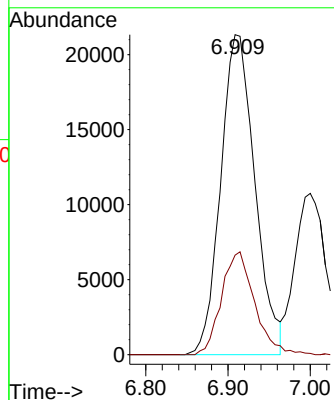
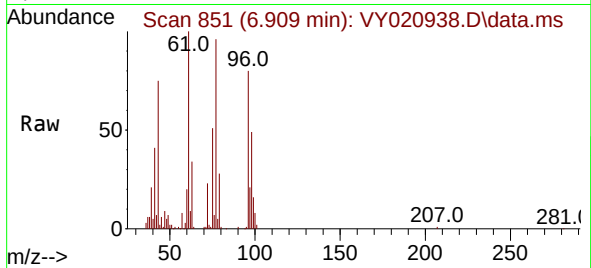




#25
2-Butanone
Concen: 118.564 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

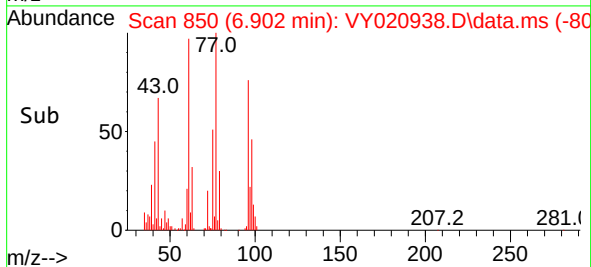
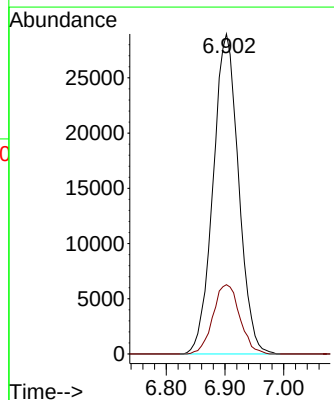
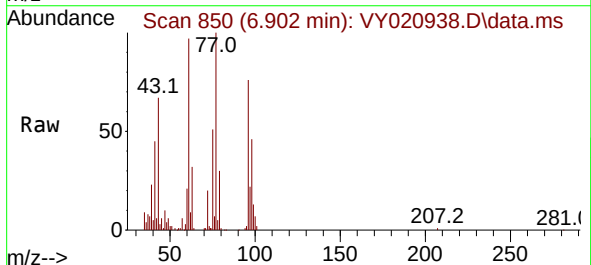
Instrument :
MSVOA_Y
ClientSampleId :

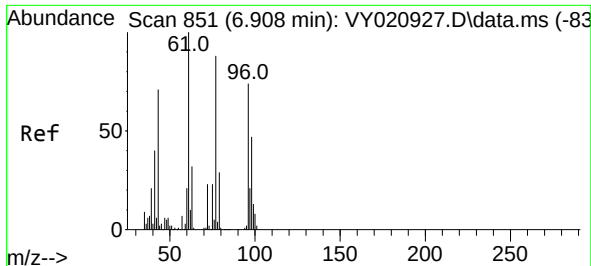
Tgt Ion: 43 Resp: 61766
Ion Ratio Lower Upper
43 100
72 31.1 25.8 38.8



#26
2,2-Dichloropropane
Concen: 21.535 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 77 Resp: 87236
Ion Ratio Lower Upper
77 100
97 22.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 21.702 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

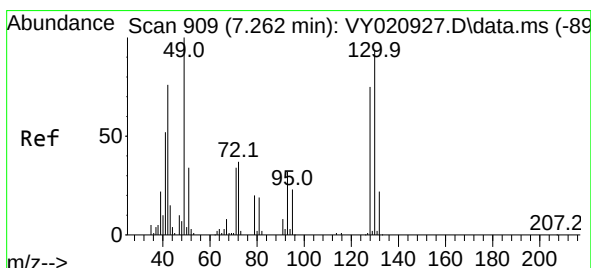
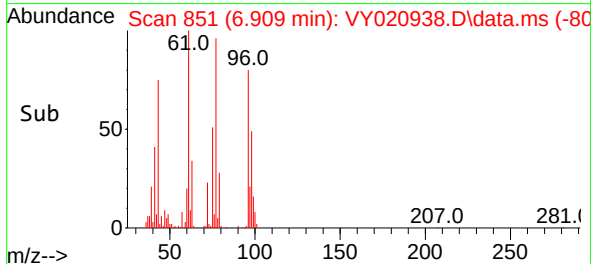
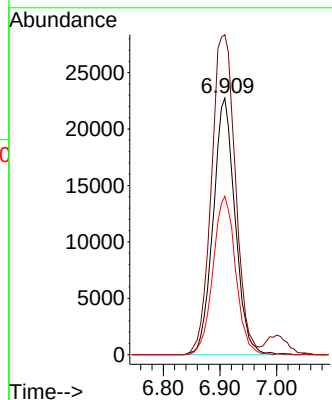
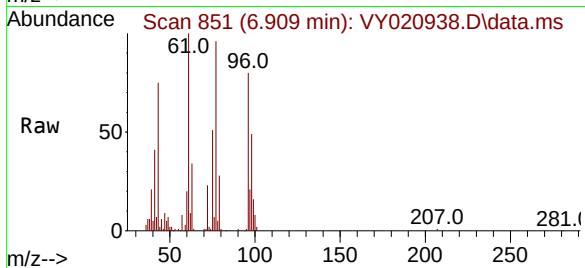
Tgt Ion: 96 Resp: 61025

Ion Ratio Lower Upper

96 100

61 136.6 0.0 275.2

98 63.6 0.0 129.6



#28

Bromochloromethane

Concen: 21.588 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

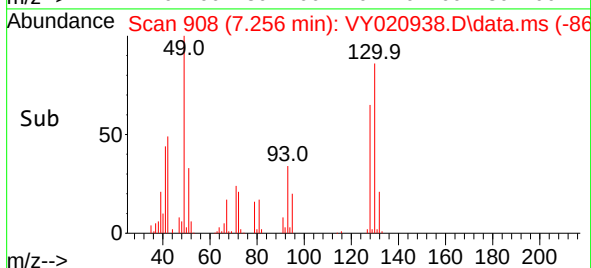
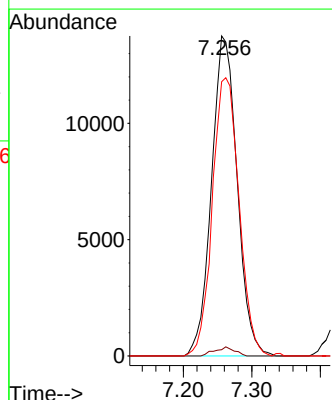
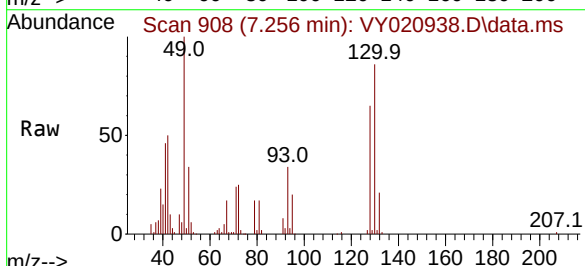
Tgt Ion: 49 Resp: 35732

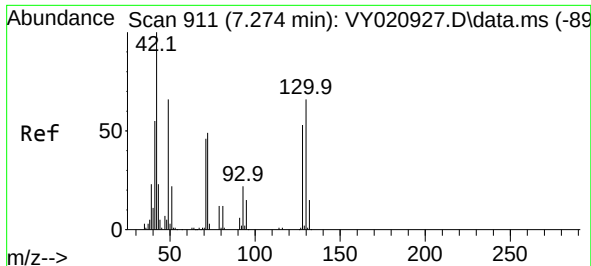
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 90.2 72.6 109.0





#29

Tetrahydrofuran

Concen: 120.850 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

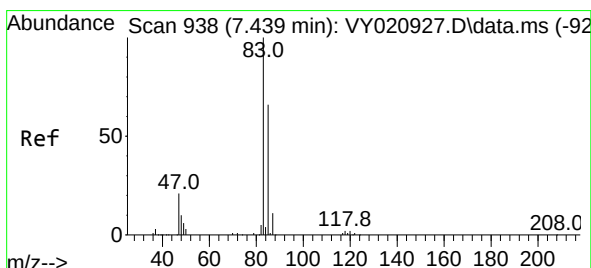
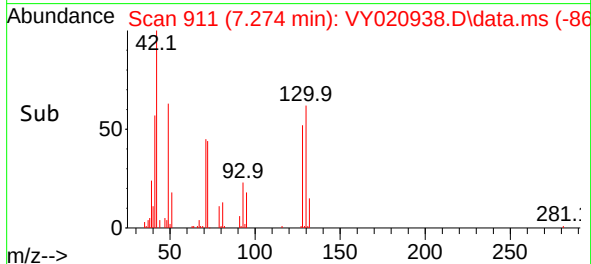
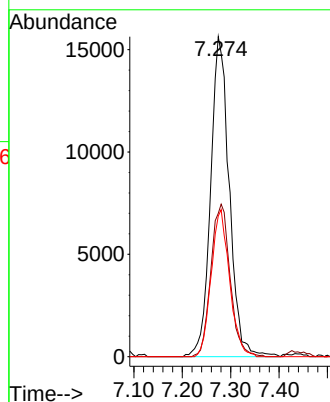
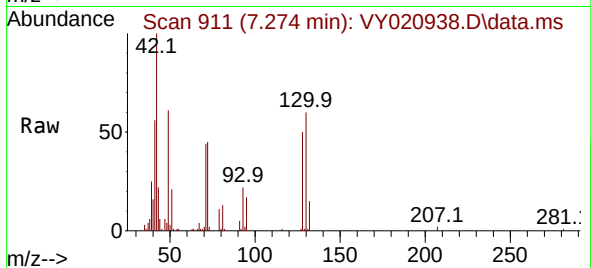
Tgt Ion: 42 Resp: 41958

Ion Ratio Lower Upper

42 100

72 49.0 38.8 58.2

71 45.2 36.4 54.6



#30

Chloroform

Concen: 21.575 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020938.D

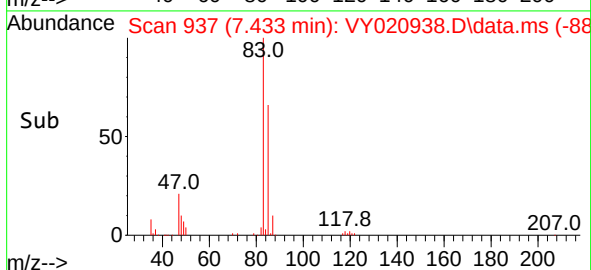
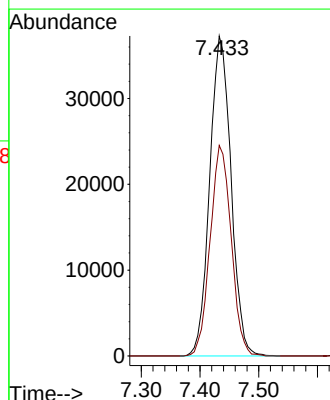
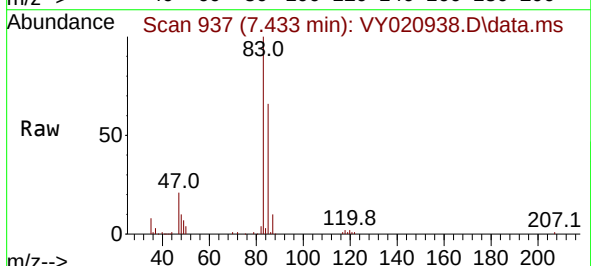
Acq: 27 Jan 2025 10:30

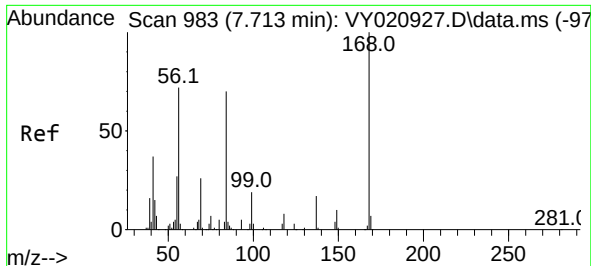
Tgt Ion: 83 Resp: 93910

Ion Ratio Lower Upper

83 100

85 65.8 53.0 79.4

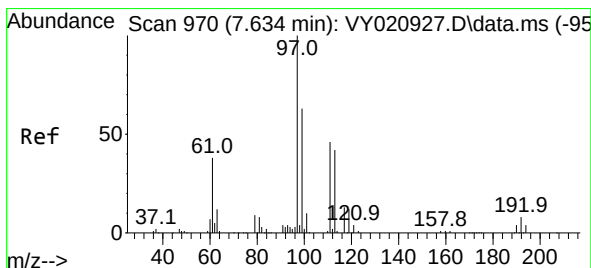
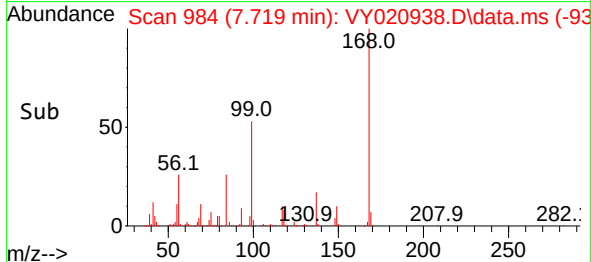
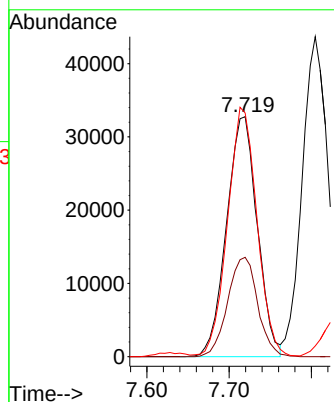
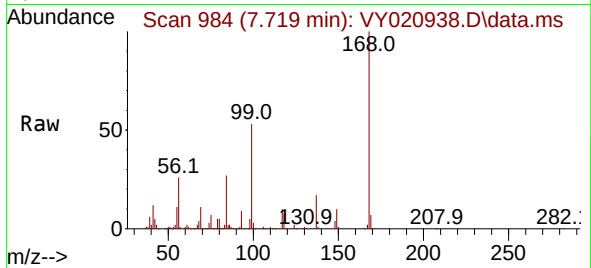




#31
Cyclohexane
Concen: 21.060 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

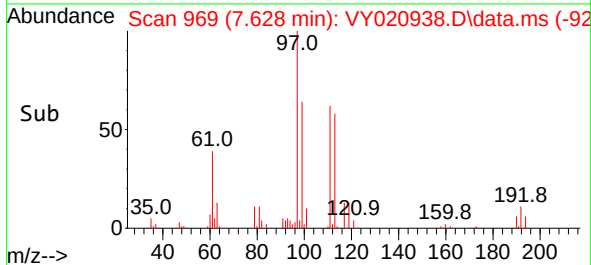
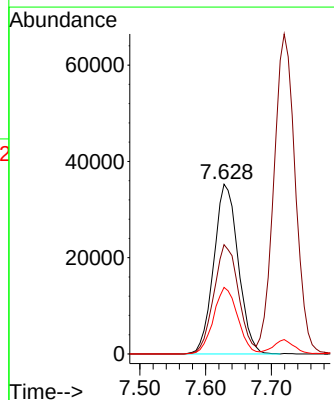
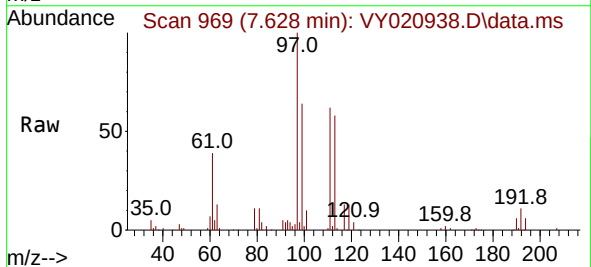
Instrument :
MSVOA_Y
ClientSampleId :

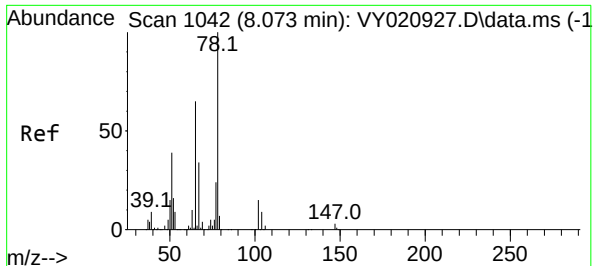
Tgt Ion: 56 Resp: 85125
Ion Ratio Lower Upper
56 100
69 41.4 28.7 43.1
84 100.1 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 21.566 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 97 Resp: 91052
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 39.0 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 48.538 ug/l

RT: 8.073 min Scan# 110174

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

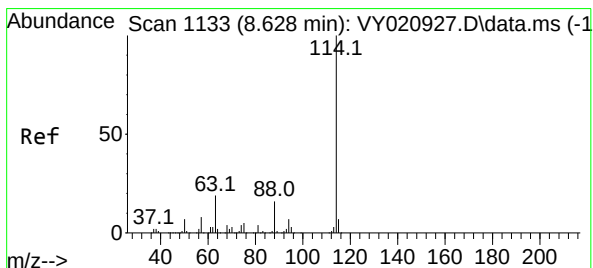
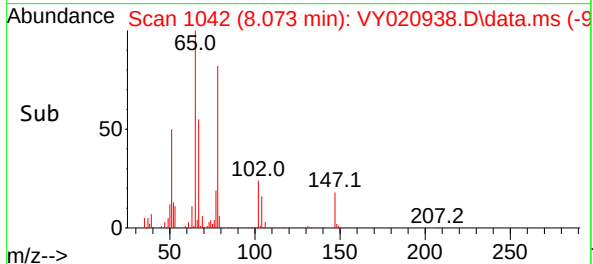
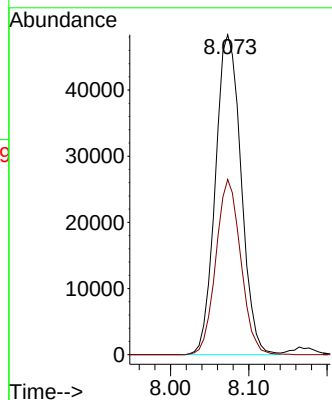
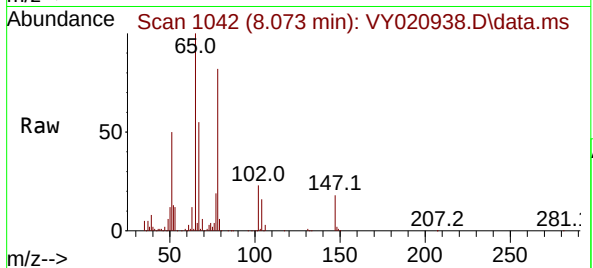
ClientSampleId :

Tgt Ion: 65 Resp: 110174

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

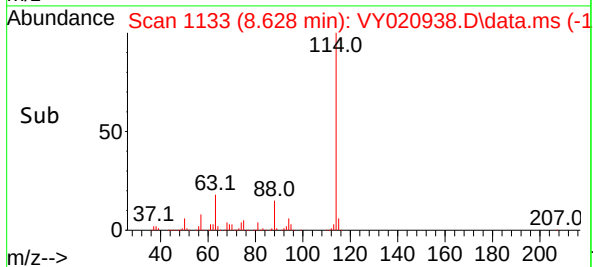
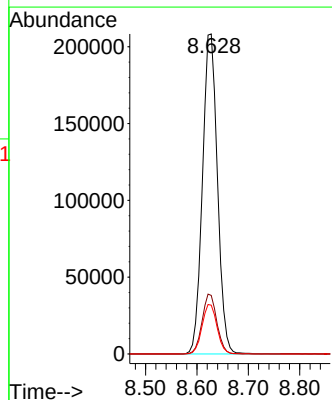
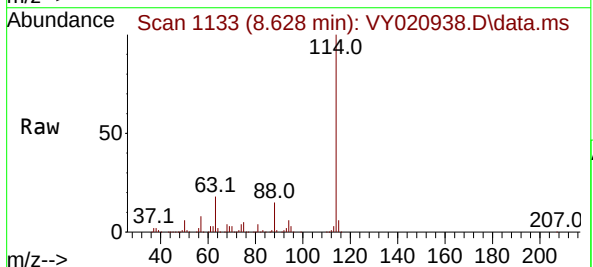
Tgt Ion: 114 Resp: 421508

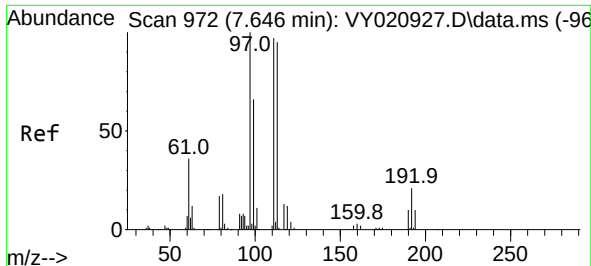
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.3 0.0 31.6

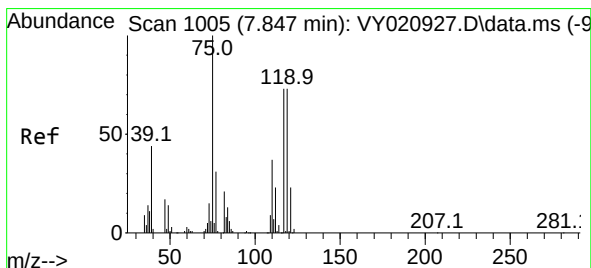
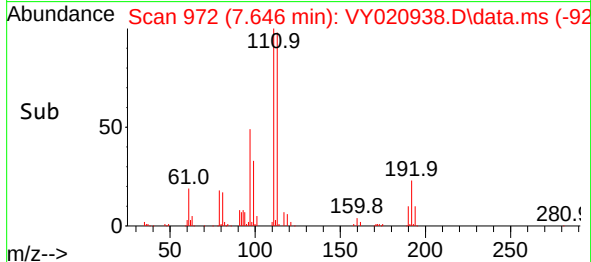
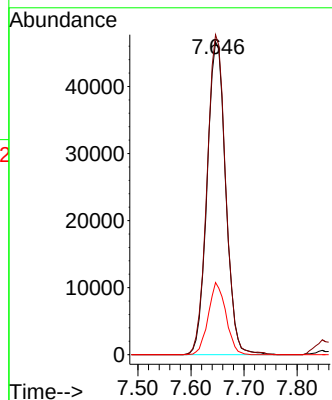
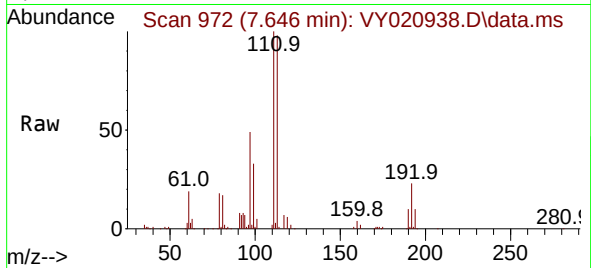




#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

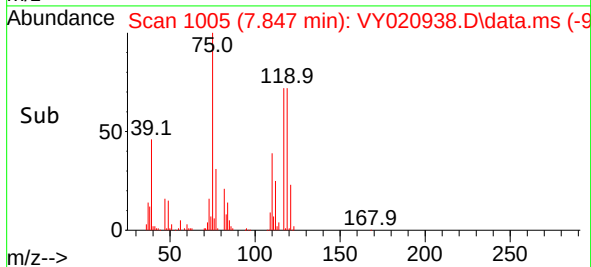
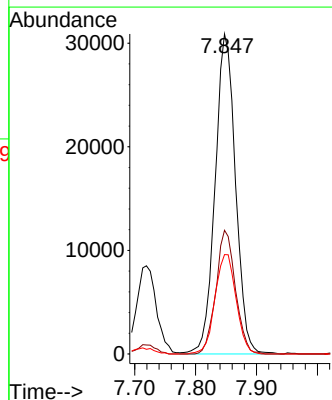
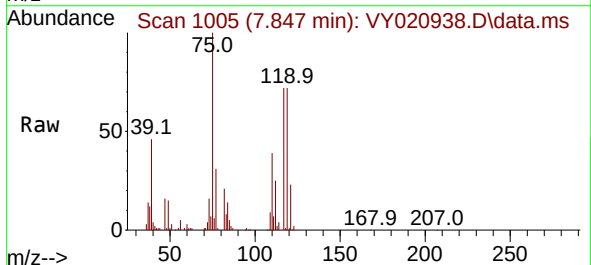
Instrument :
MSVOA_Y
ClientSampleId :

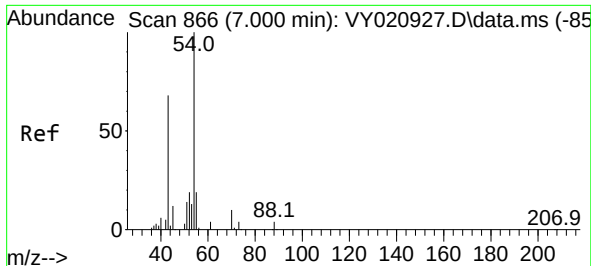
Tgt Ion:113 Resp: 113757
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 21.275 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 75 Resp: 71879
Ion Ratio Lower Upper
75 100
110 36.9 18.5 55.5
77 32.2 25.0 37.4

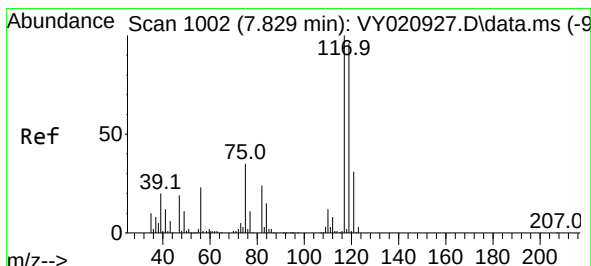
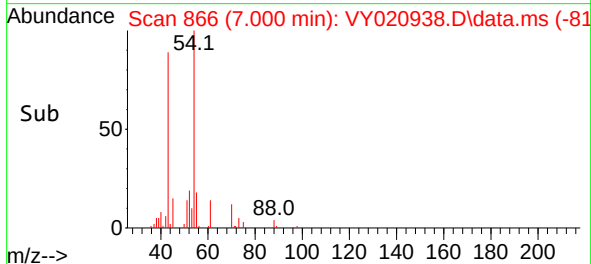
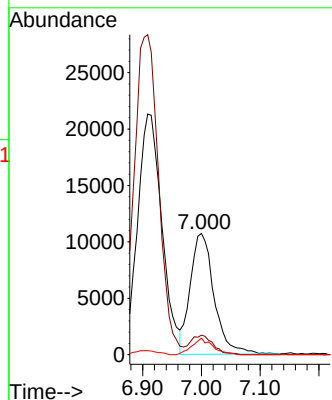
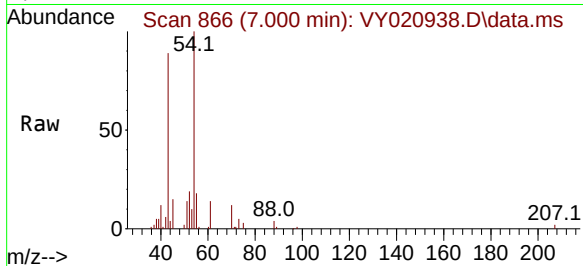




#37
Ethyl Acetate
Concen: 22.995 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

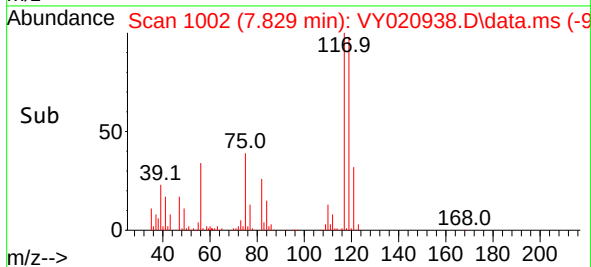
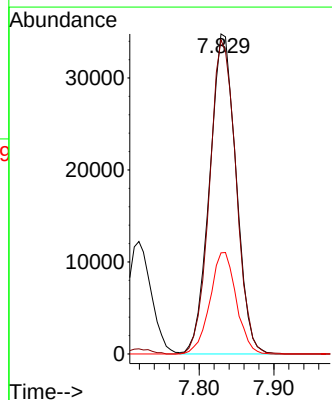
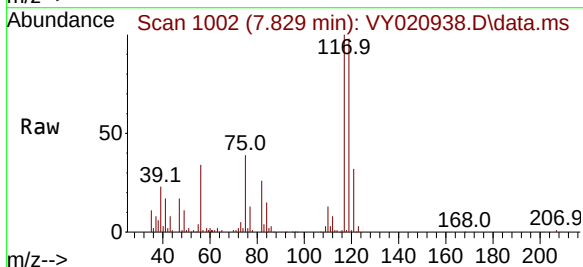
Instrument :
MSVOA_Y
ClientSampleId :

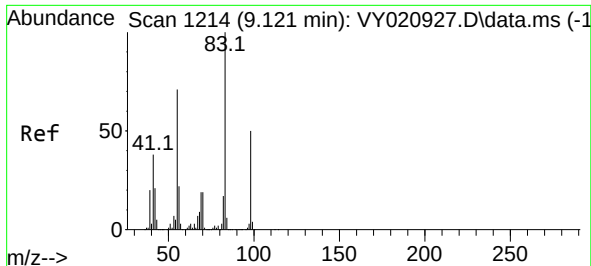
Tgt Ion: 43 Resp: 30141
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 11.7 9.5 14.3



#38
Carbon Tetrachloride
Concen: 21.011 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 117 Resp: 85604
Ion Ratio Lower Upper
117 100
119 97.9 76.5 114.7
121 31.6 25.0 37.4





#39

Methylcyclohexane

Concen: 20.958 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

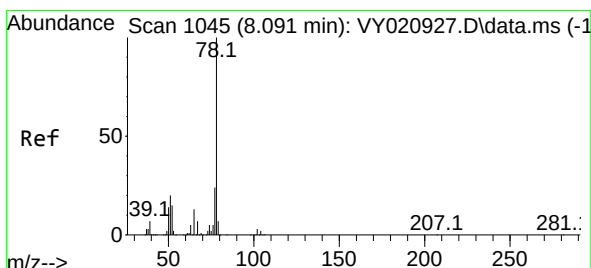
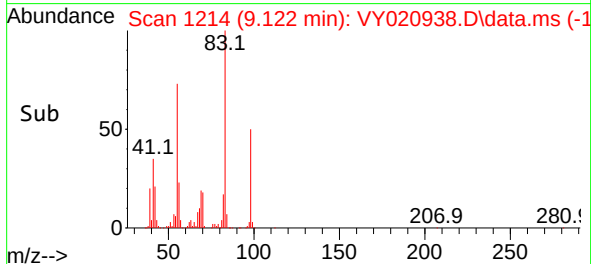
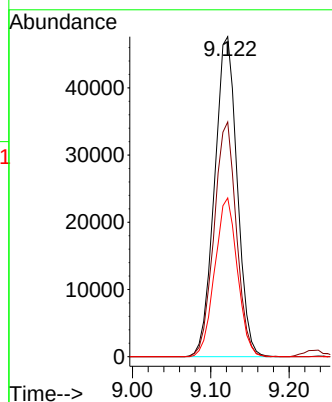
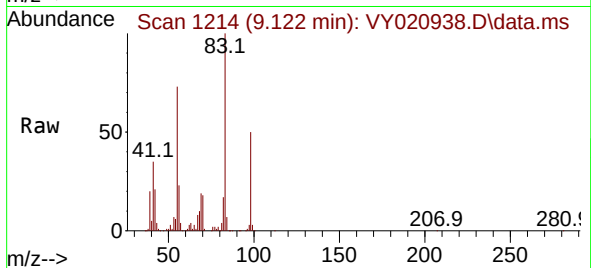
Tgt Ion: 83 Resp: 95857

Ion Ratio Lower Upper

83 100

55 73.4 57.0 85.4

98 49.6 40.1 60.1



#40

Benzene

Concen: 21.736 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020938.D

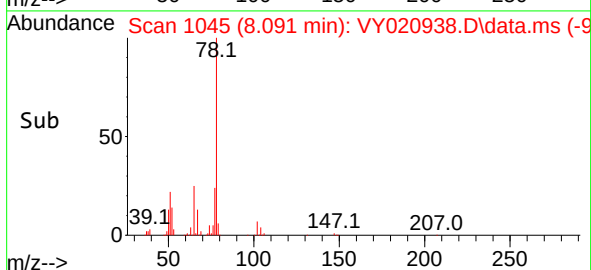
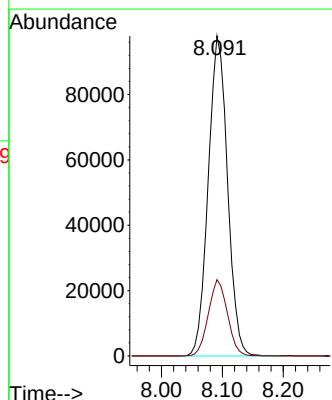
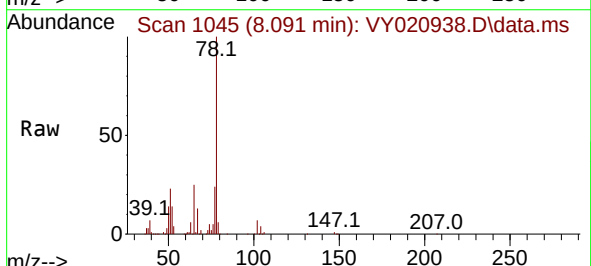
Acq: 27 Jan 2025 10:30

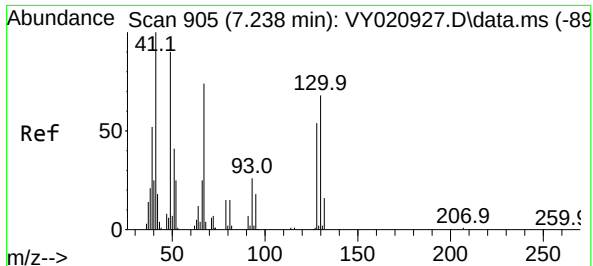
Tgt Ion: 78 Resp: 215434

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

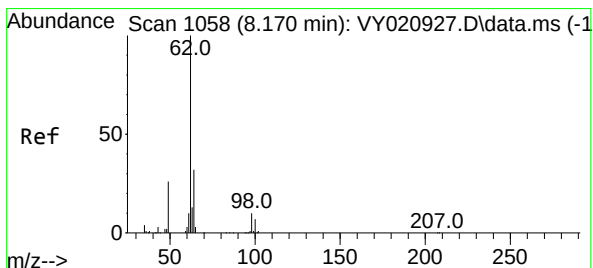
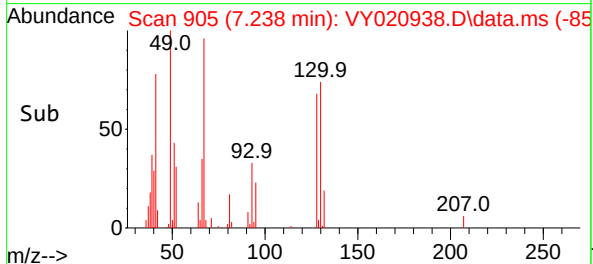
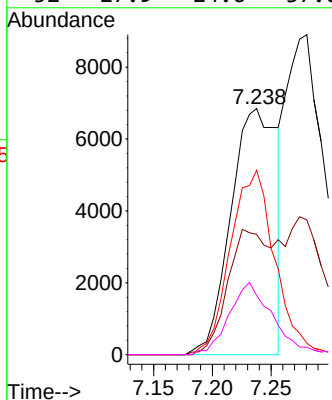
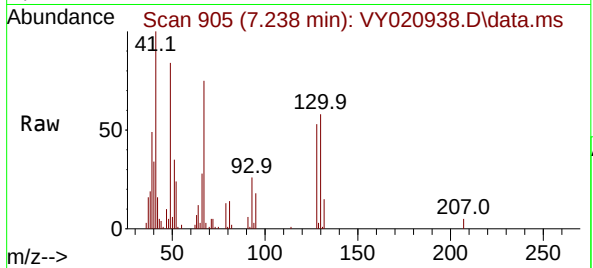




#41
Methacrylonitrile
Concen: 26.807 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

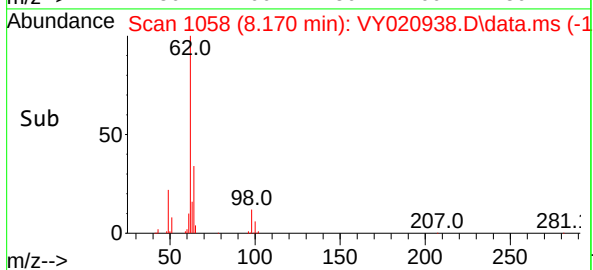
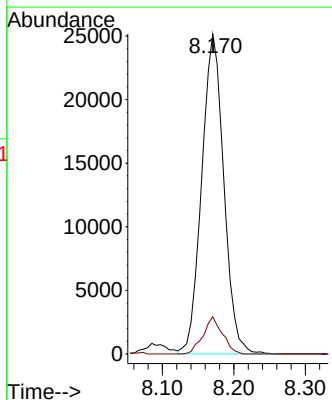
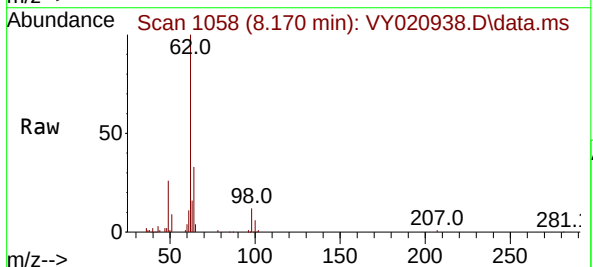
Instrument :
MSVOA_Y
ClientSampleId :

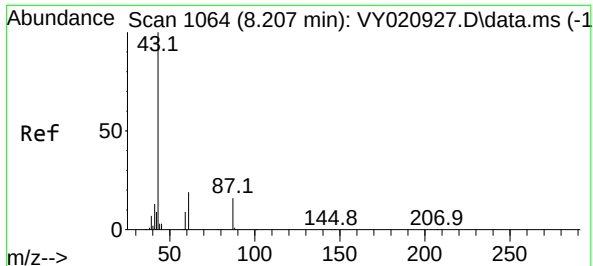
Tgt Ion: 41 Resp: 18562
Ion Ratio Lower Upper
41 100
39 45.7 46.4 69.6#
67 73.2 66.7 100.1
52 27.9 24.6 37.0



#42
1,2-Dichloroethane
Concen: 21.908 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 62 Resp: 54032
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8

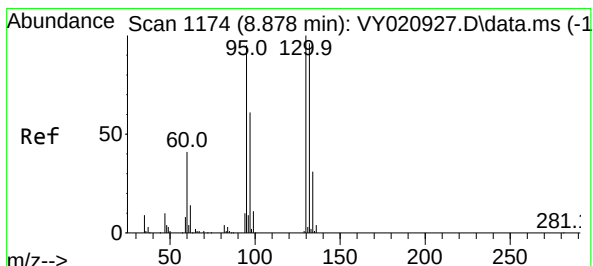
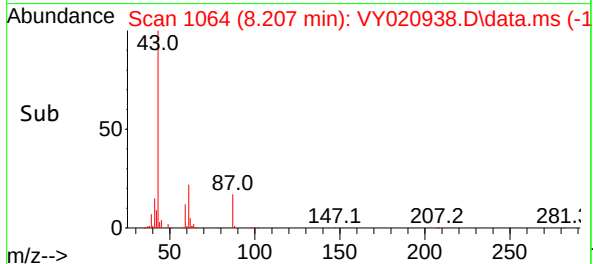
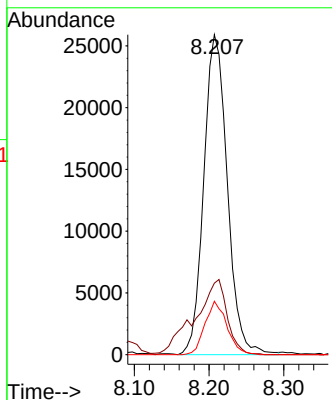
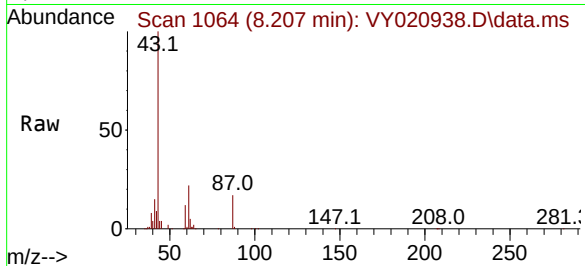




#43
Isopropyl Acetate
Concen: 22.812 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

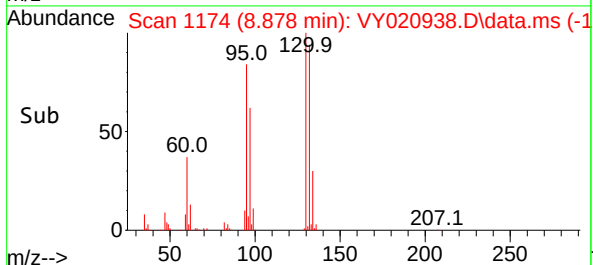
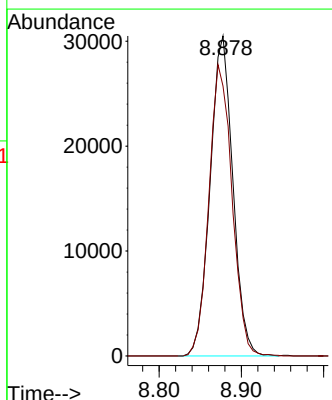
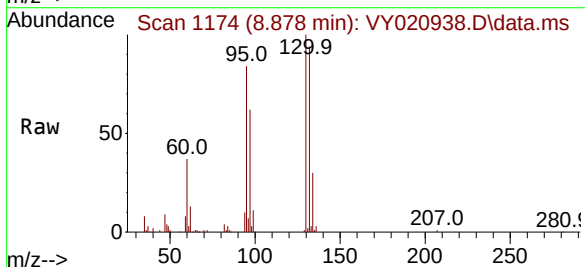
Instrument :
MSVOA_Y
ClientSampleId :

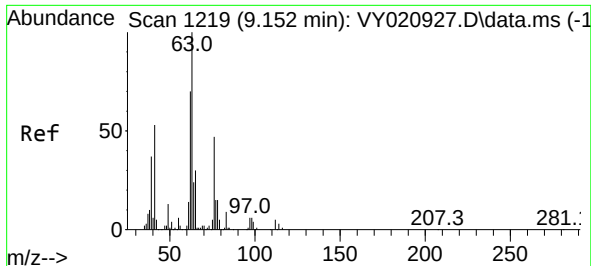
Tgt Ion: 43 Resp: 56703
Ion Ratio Lower Upper
43 100
61 32.4 26.0 39.0
87 15.6 12.4 18.6



#44
Trichloroethene
Concen: 21.752 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion:130 Resp: 58573
Ion Ratio Lower Upper
130 100
95 84.3 0.0 189.4





#45

1,2-Dichloropropane

Concen: 21.383 ug/l

RT: 9.152 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

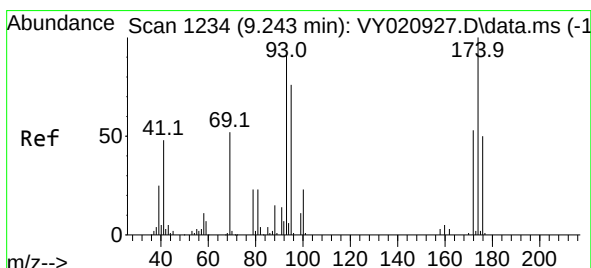
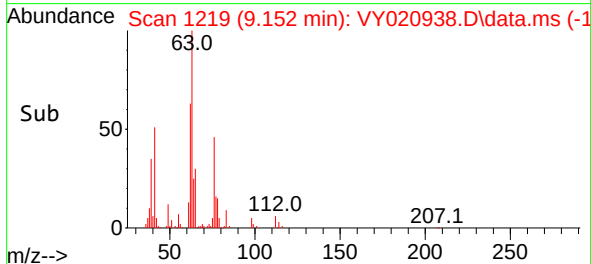
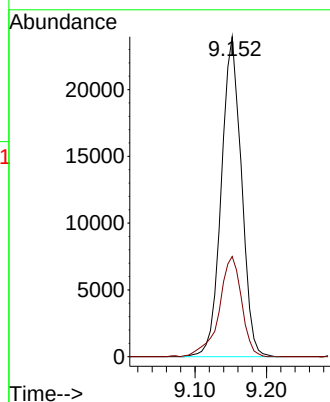
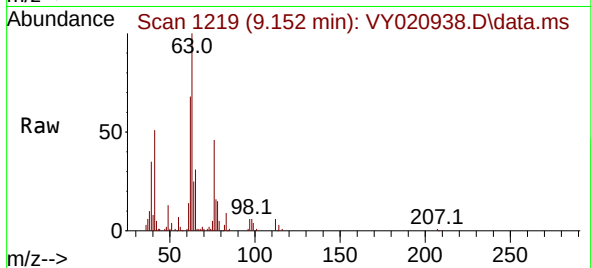
ClientSampleId :

Tgt Ion: 63 Resp: 46784

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 22.029 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

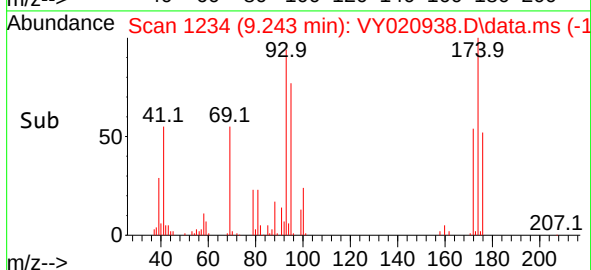
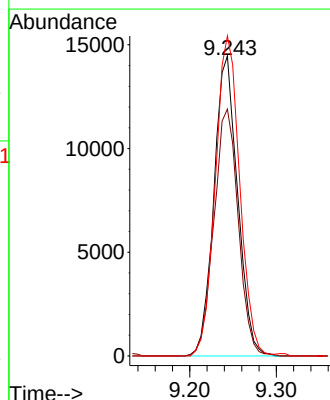
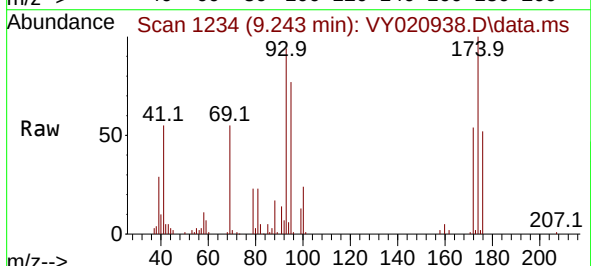
Tgt Ion: 93 Resp: 27400

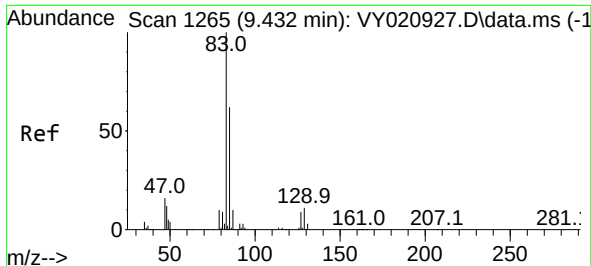
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.2

174 110.0 87.0 130.4

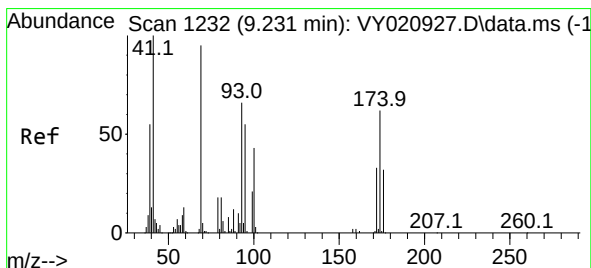
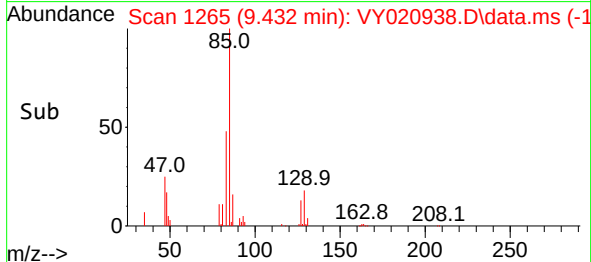
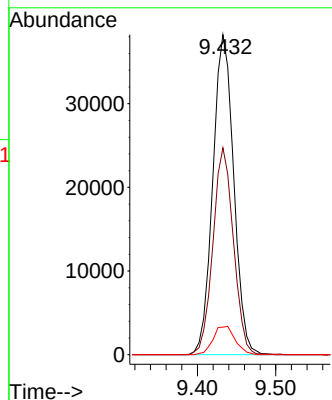
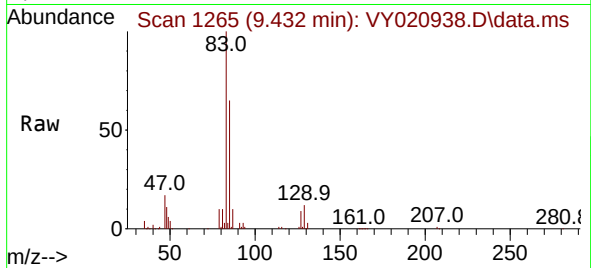




#47
Bromodichloromethane
Concen: 21.417 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

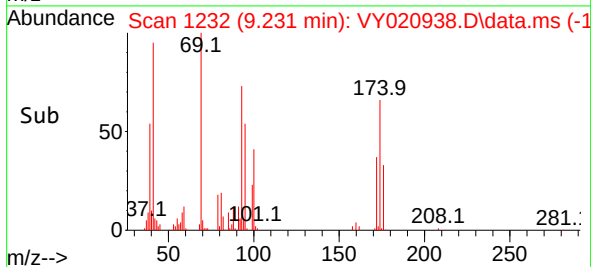
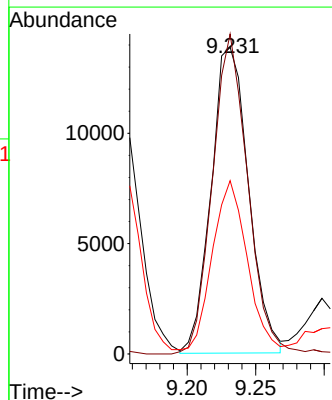
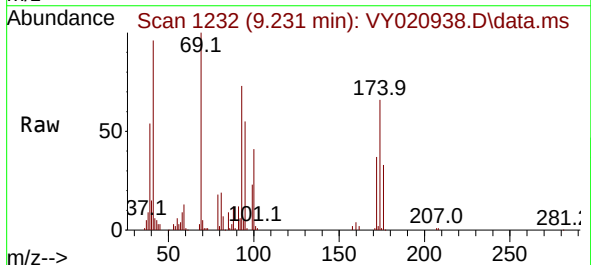
Instrument :
MSVOA_Y
ClientSampleId :

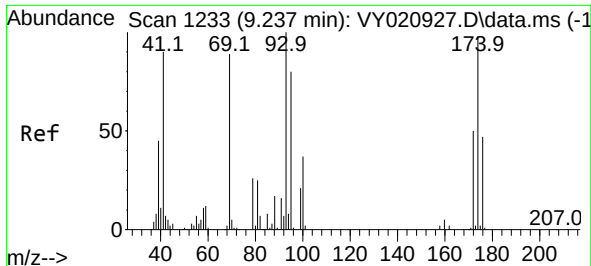
Tgt Ion: 83 Resp: 70879
Ion Ratio Lower Upper
83 100
85 64.7 49.3 73.9
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 22.474 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

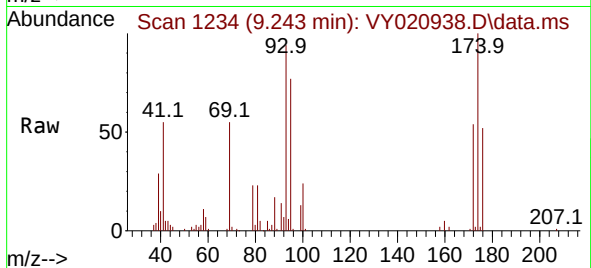
Tgt Ion: 41 Resp: 26351
Ion Ratio Lower Upper
41 100
69 99.0 77.0 115.4
39 51.0 41.1 61.7



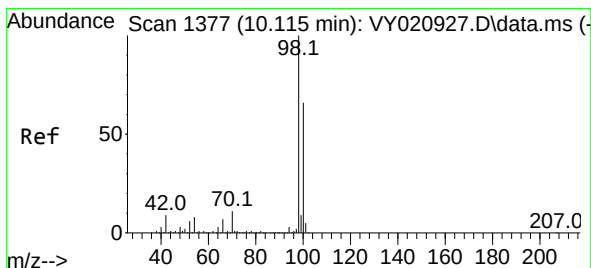
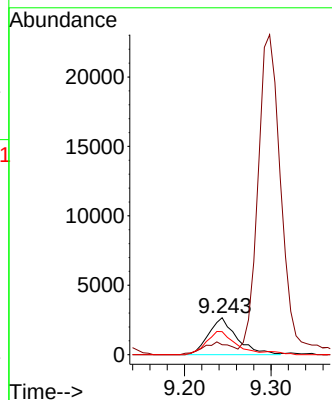
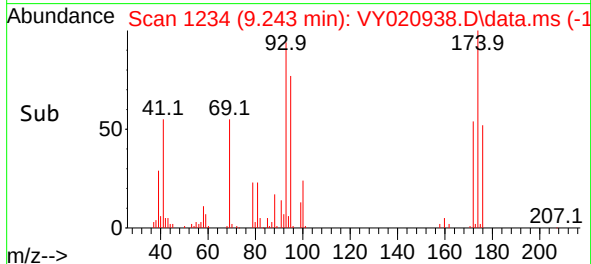


#49
1,4-Dioxane
Concen: 471.706 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

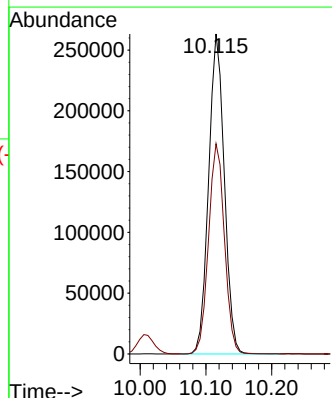
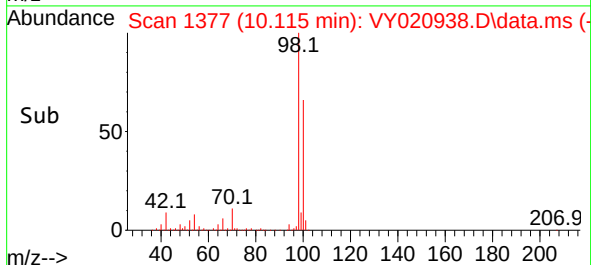
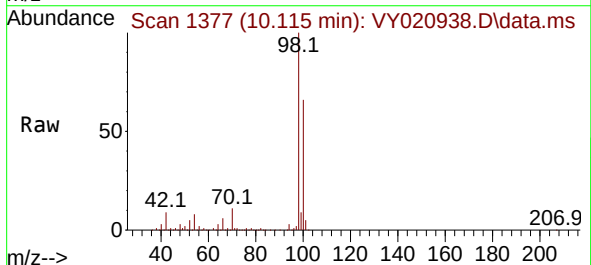


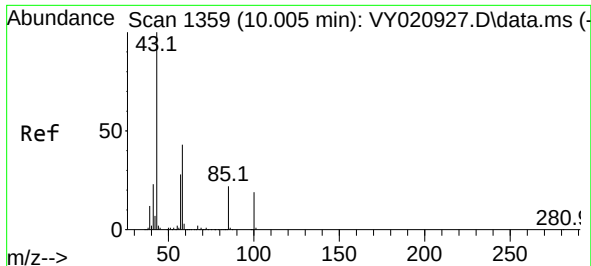
Tgt Ion: 88 Resp: 6041
Ion Ratio Lower Upper
88 100
43 33.7 23.1 34.7
58 64.6 49.0 73.6



#50
Toluene-d8
Concen: 46.579 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 98 Resp: 437191
Ion Ratio Lower Upper
98 100
100 66.6 52.3 78.5

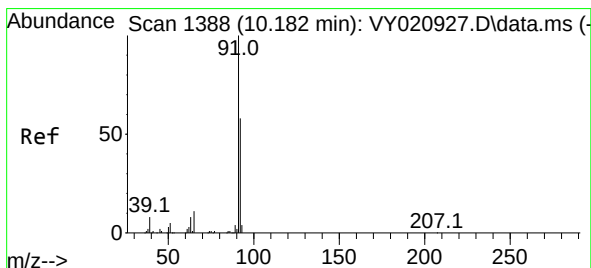
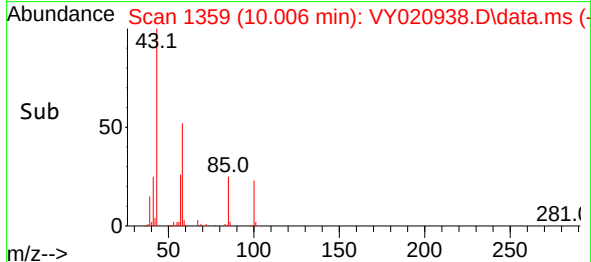
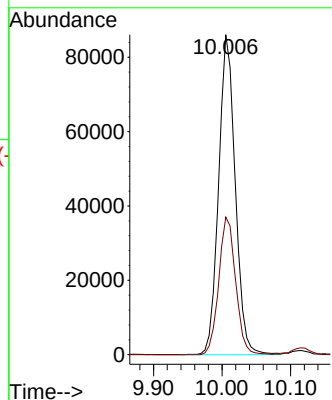
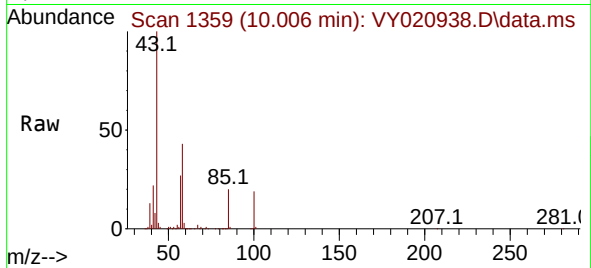




#51
4-Methyl-2-Pentanone
Concen: 115.278 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

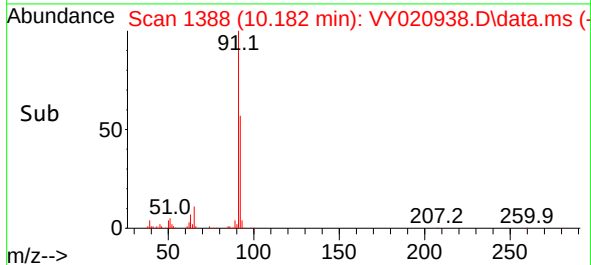
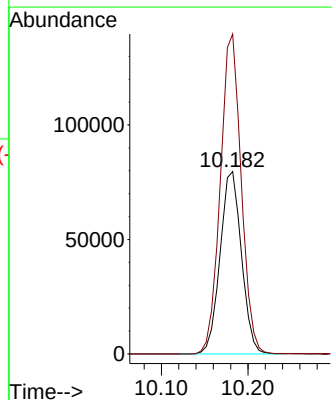
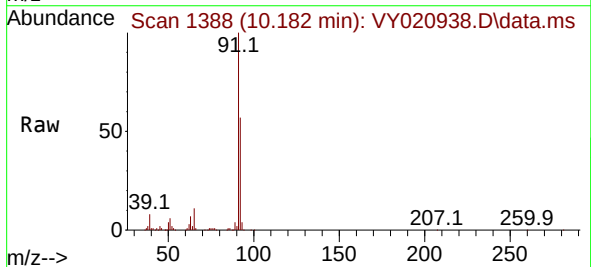
Instrument :
MSVOA_Y
ClientSampleId :

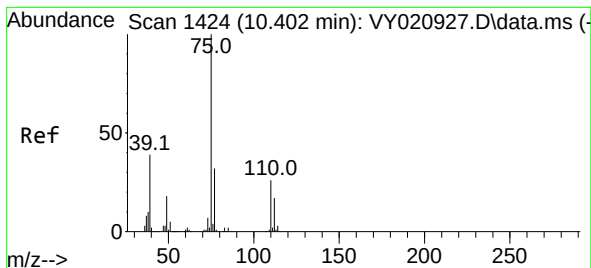
Tgt Ion: 43 Resp: 144479
Ion Ratio Lower Upper
43 100
58 43.6 33.7 50.5



#52
Toluene
Concen: 21.426 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 92 Resp: 136581
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9

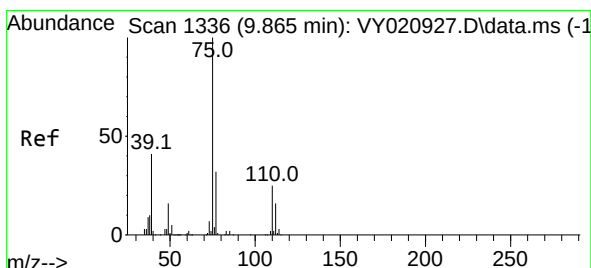
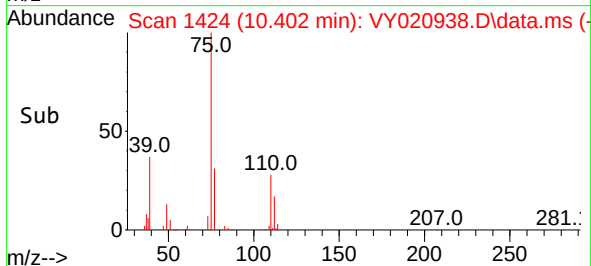
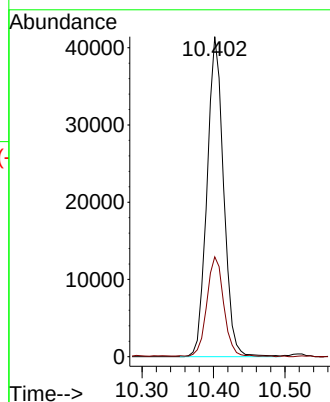
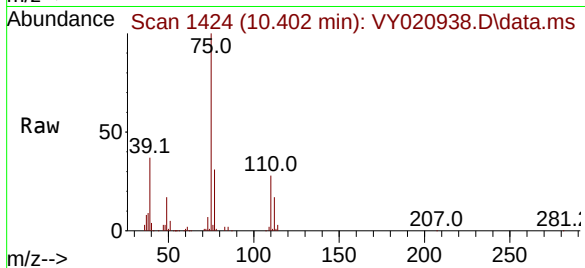




#53
t-1,3-Dichloropropene
Concen: 22.013 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

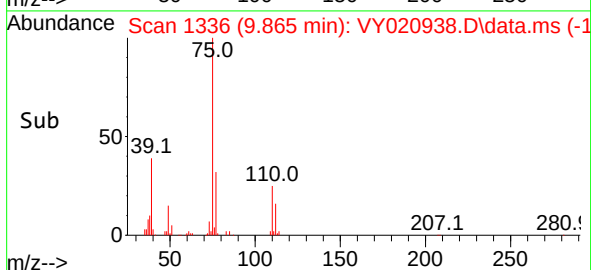
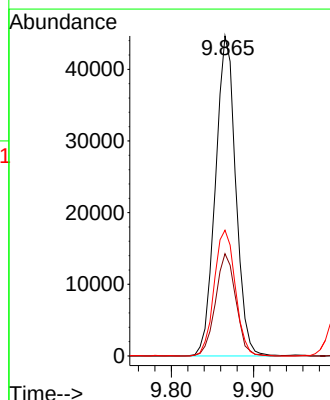
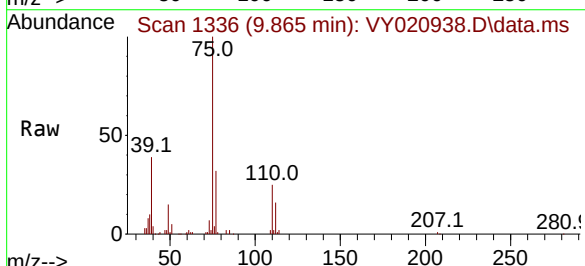
Instrument :
MSVOA_Y
ClientSampleId :

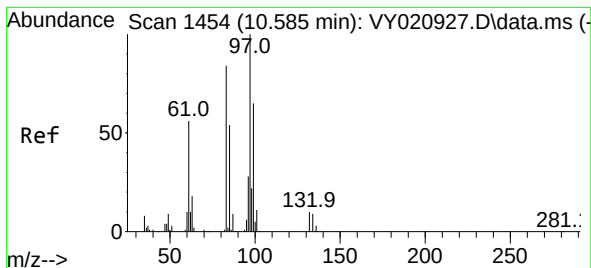
Tgt Ion: 75 Resp: 66799
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.175 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

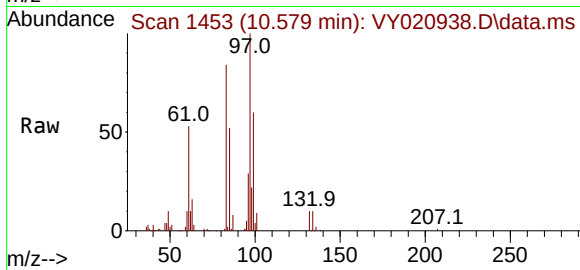
Tgt Ion: 75 Resp: 76726
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 39.3 32.8 49.2



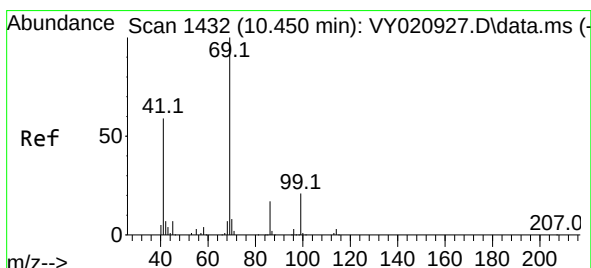
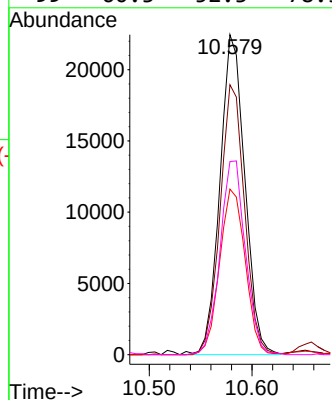
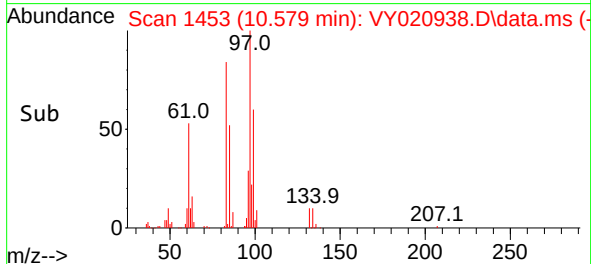


#55
1,1,2-Trichloroethane
Concen: 22.493 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

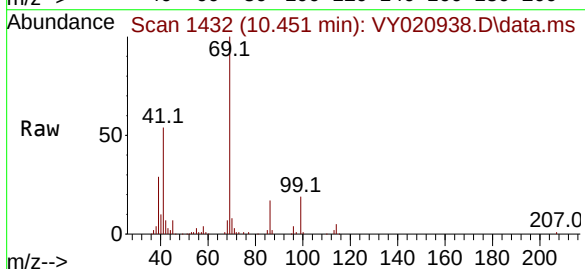
Instrument :
MSVOA_Y
ClientSampleId :



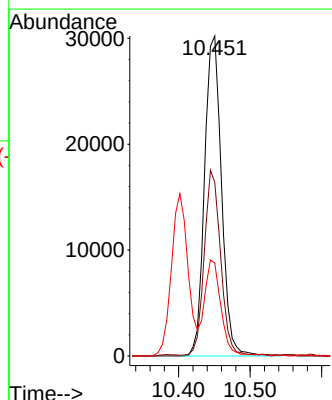
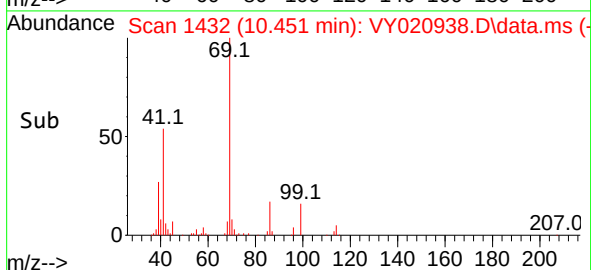
Tgt Ion: 97	Resp: 37817
Ion Ratio	Lower Upper
97 100	
83 84.4	67.0 100.6
85 51.8	43.1 64.7
99 60.3	52.3 78.5

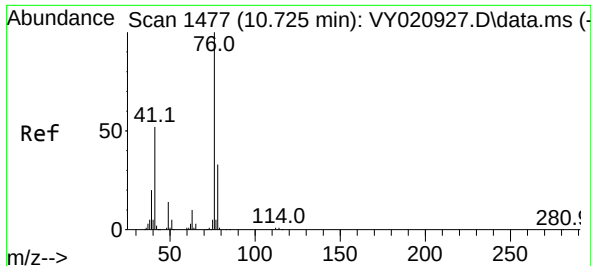


#56
Ethyl methacrylate
Concen: 22.660 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30



Tgt Ion: 69	Resp: 49929
Ion Ratio	Lower Upper
69 100	
41 55.5	46.6 70.0
39 28.1	23.9 35.9





#57

1,3-Dichloropropane

Concen: 22.070 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

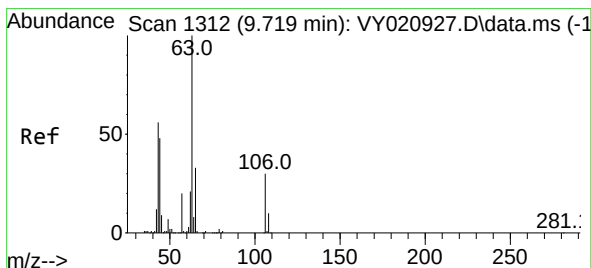
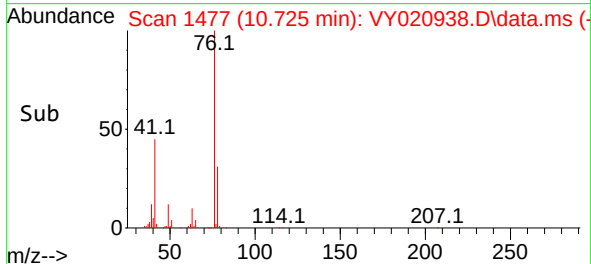
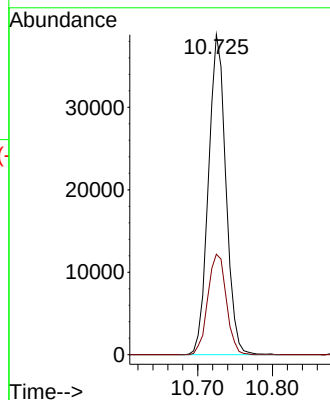
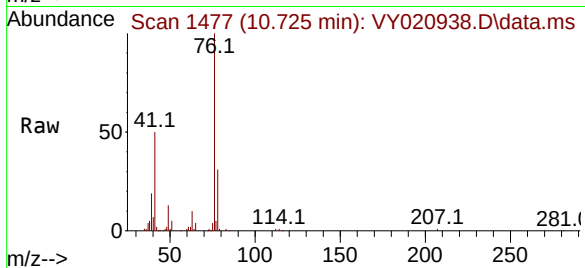
ClientSampleId :

Tgt Ion: 76 Resp: 63035

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.282 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020938.D

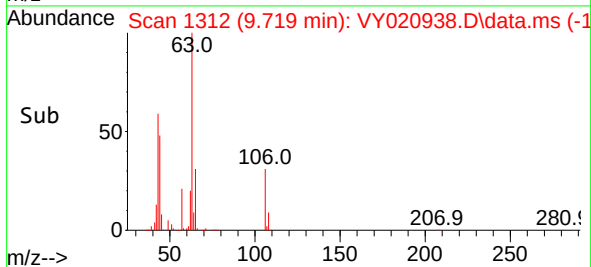
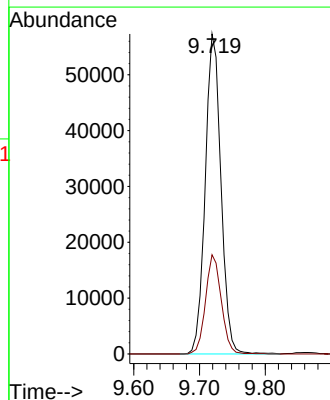
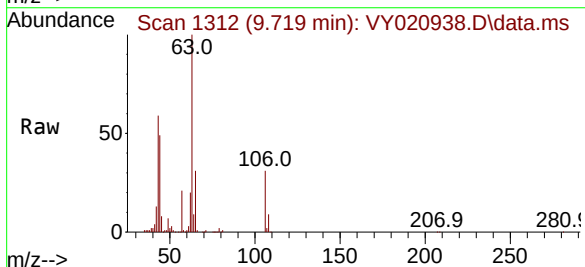
Acq: 27 Jan 2025 10:30

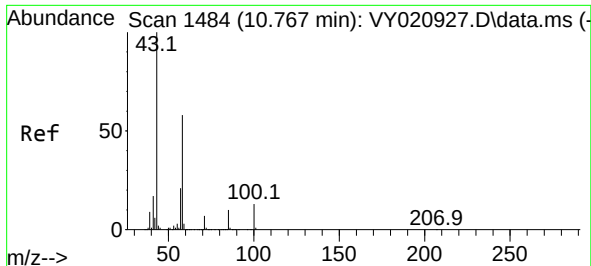
Tgt Ion: 63 Resp: 95288

Ion Ratio Lower Upper

63 100

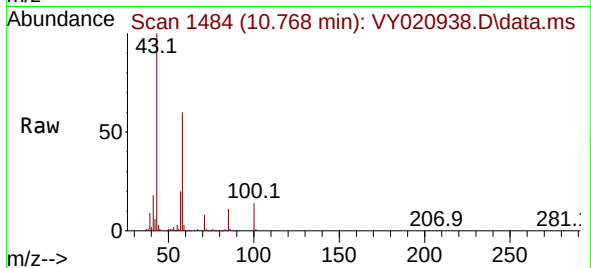
106 31.0 24.7 37.1



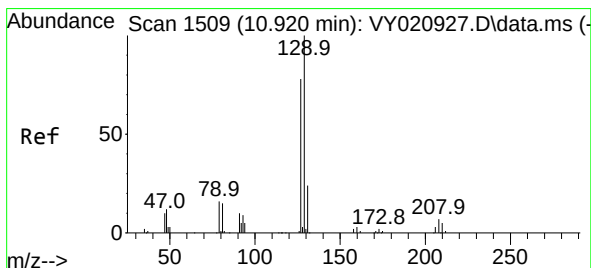
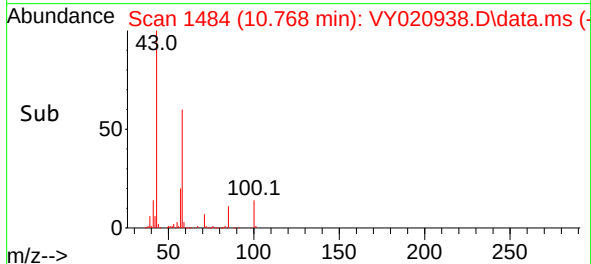
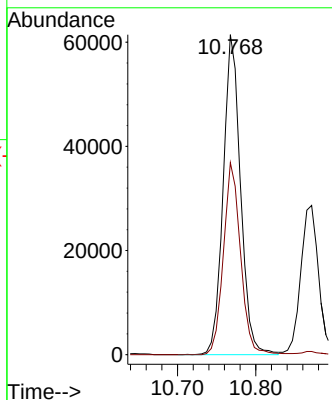


#59
2-Hexanone
Concen: 117.476 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :

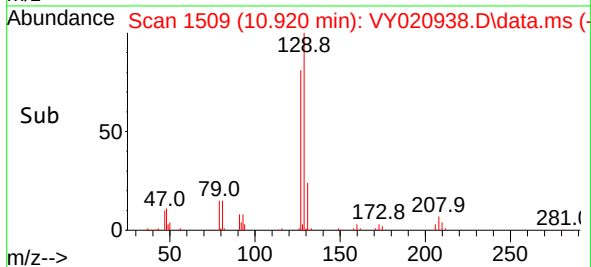
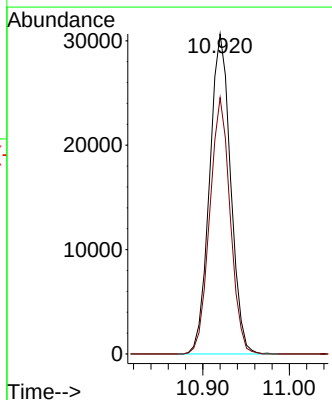
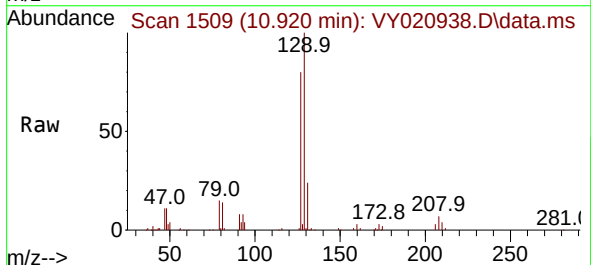


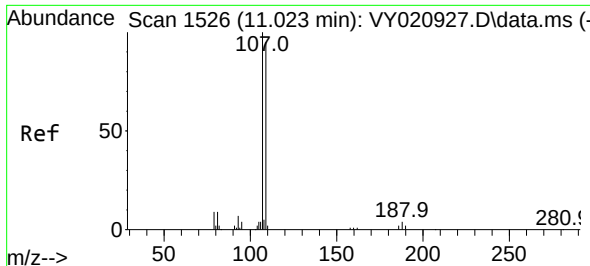
Tgt Ion: 43 Resp: 94676
Ion Ratio Lower Upper
43 100
58 59.4 29.9 89.8



#60
Dibromochloromethane
Concen: 21.861 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 129 Resp: 51729
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

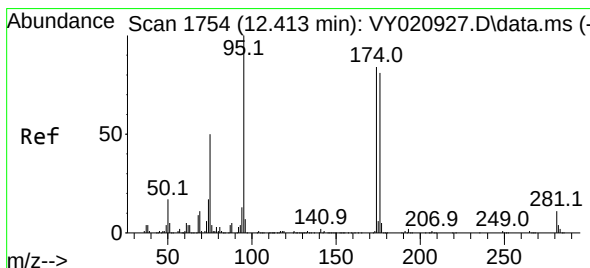
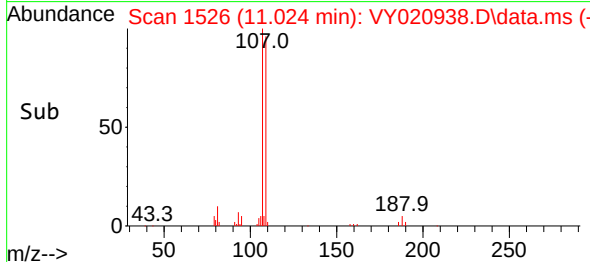
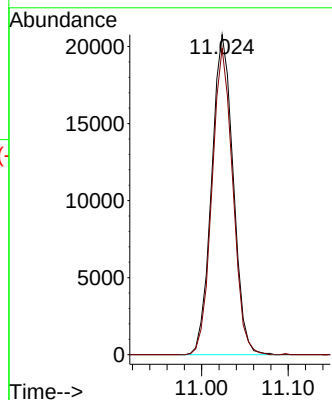
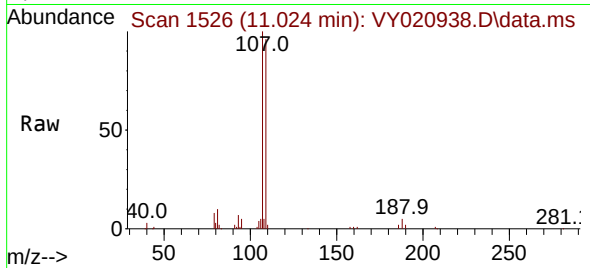




#61
1,2-Dibromoethane
Concen: 22.319 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

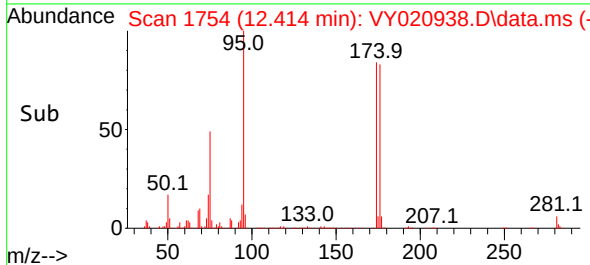
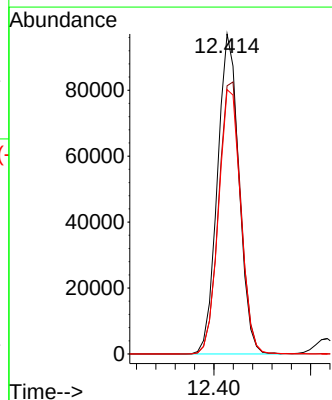
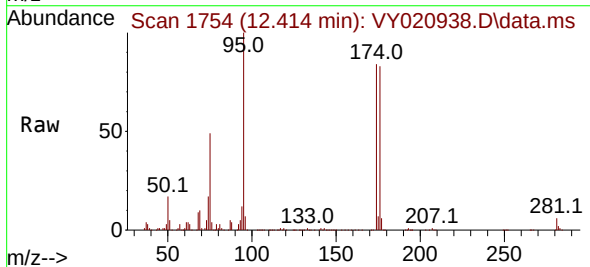
Instrument :
MSVOA_Y
ClientSampleId :

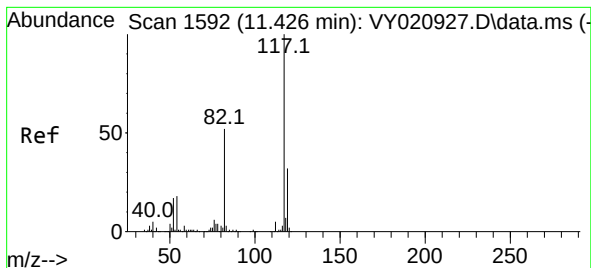
Tgt Ion:107 Resp: 35891
Ion Ratio Lower Upper
107 100
109 92.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 47.919 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 95 Resp: 149686
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.4
176 85.3 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

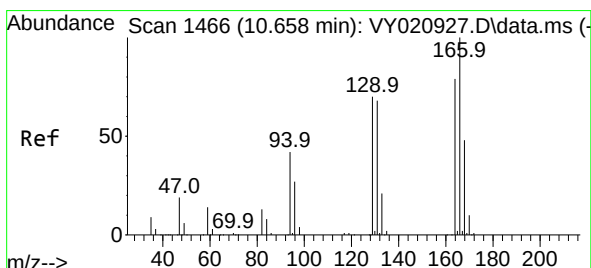
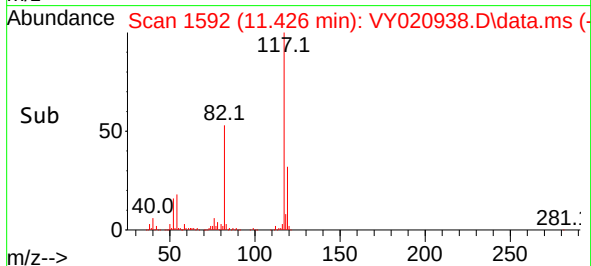
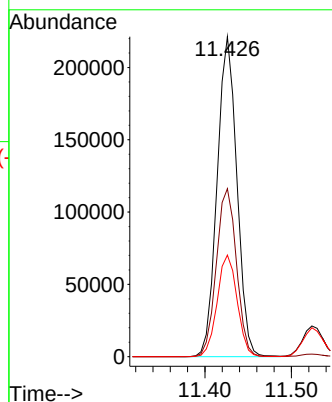
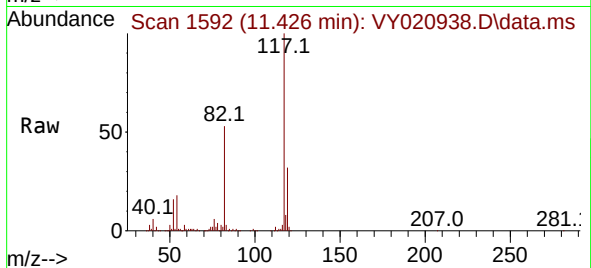
Tgt Ion:117 Resp: 350671

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

119 31.8 26.0 39.0



#64

Tetrachloroethene

Concen: 21.848 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Tgt Ion:164 Resp: 53316

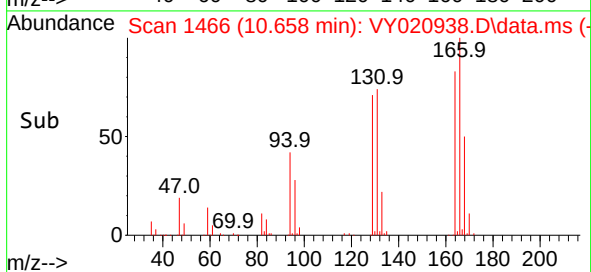
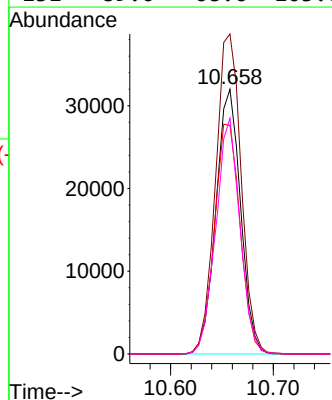
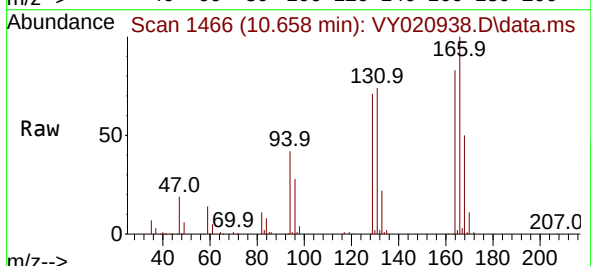
Ion Ratio Lower Upper

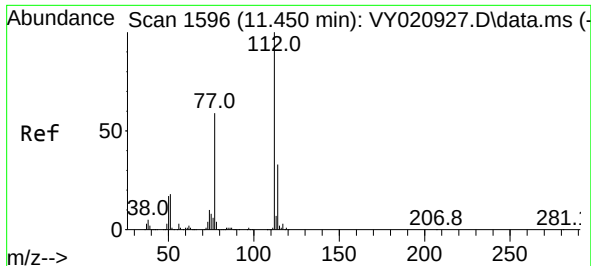
164 100

166 120.9 101.0 151.6

129 86.3 70.8 106.2

131 89.0 68.6 103.0

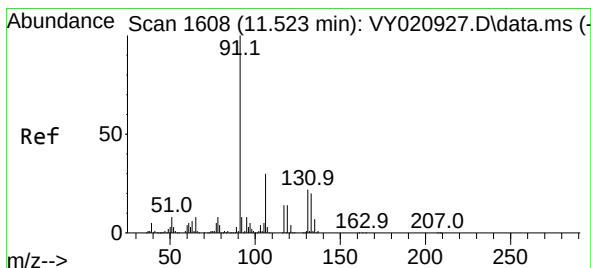
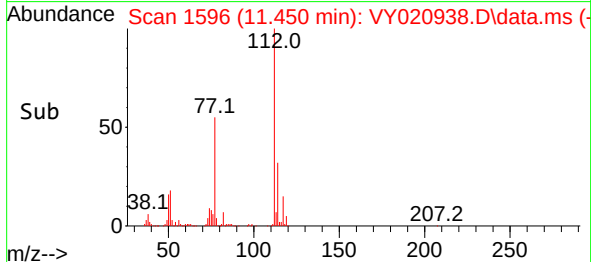
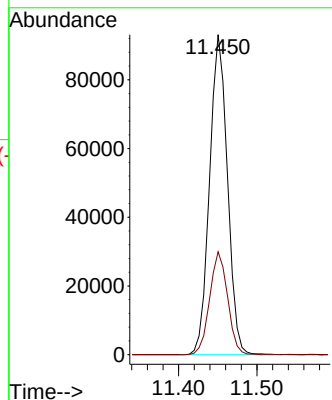
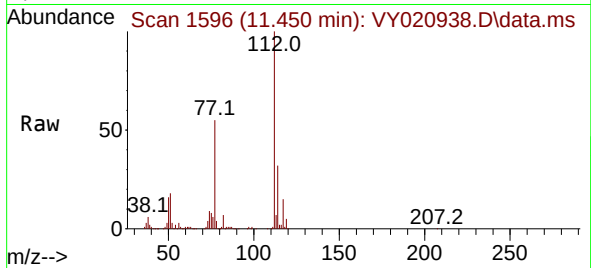




#65
Chlorobenzene
Concen: 21.477 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

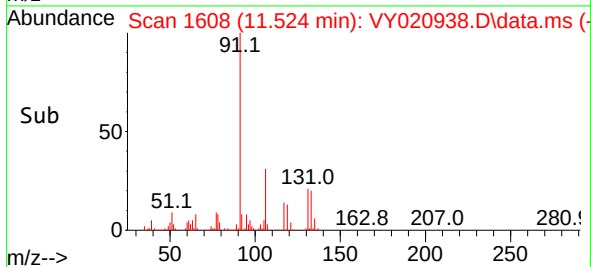
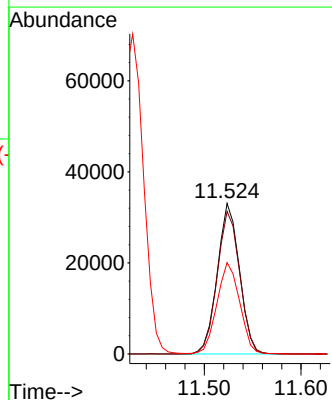
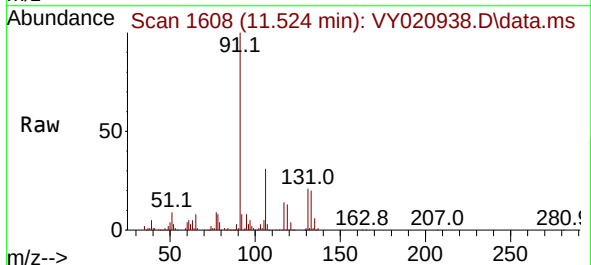
Instrument :
MSVOA_Y
ClientSampleId :

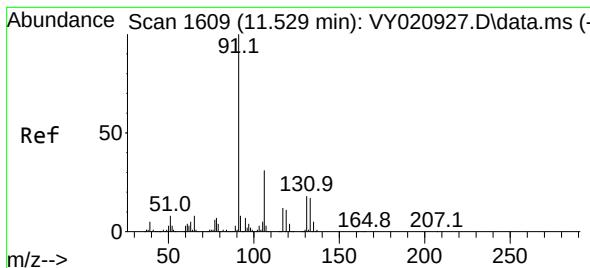
Tgt Ion:112 Resp: 147278
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.560 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion:131 Resp: 52538
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 62.6 31.2 93.6





#67

Ethyl Benzene

Concen: 21.393 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

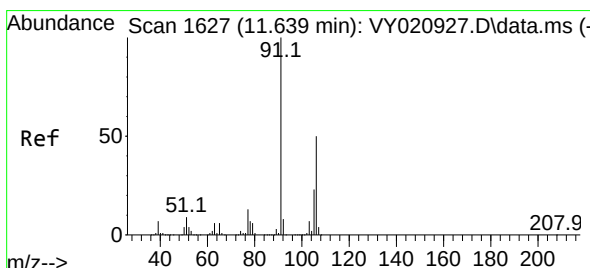
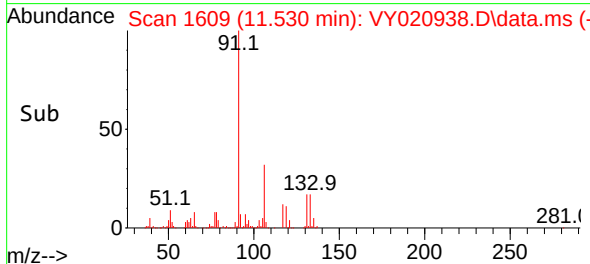
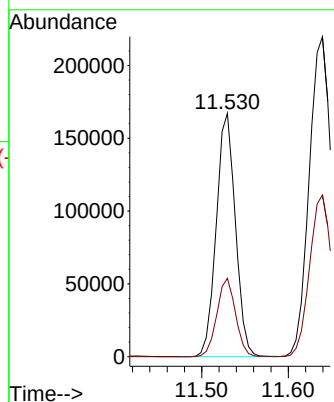
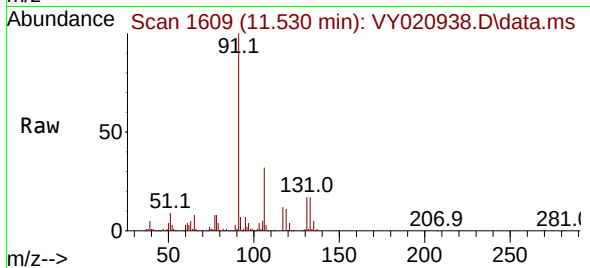
ClientSampleId :

Tgt Ion: 91 Resp: 255989

Ion Ratio Lower Upper

91 100

106 32.2 25.2 37.8



#68

m/p-Xylenes

Concen: 43.562 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020938.D

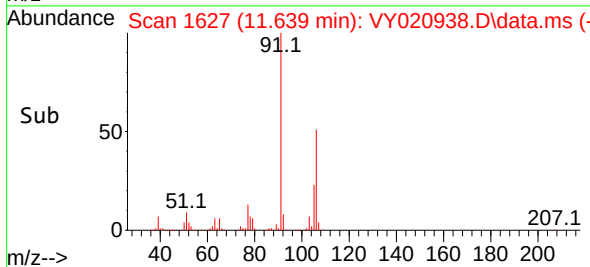
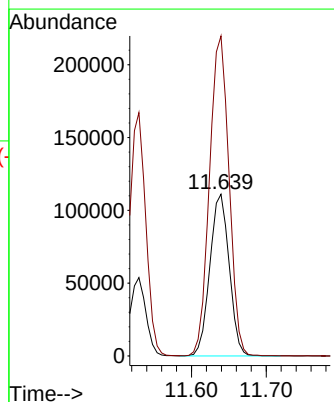
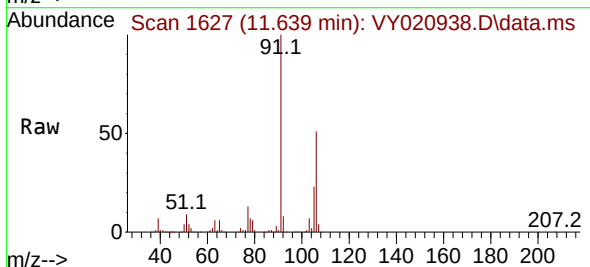
Acq: 27 Jan 2025 10:30

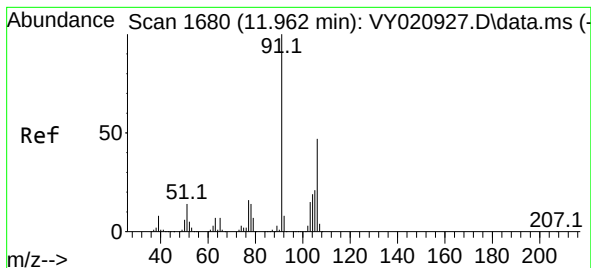
Tgt Ion: 106 Resp: 199594

Ion Ratio Lower Upper

106 100

91 199.6 159.5 239.3





#69

o-Xylene

Concen: 21.692 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

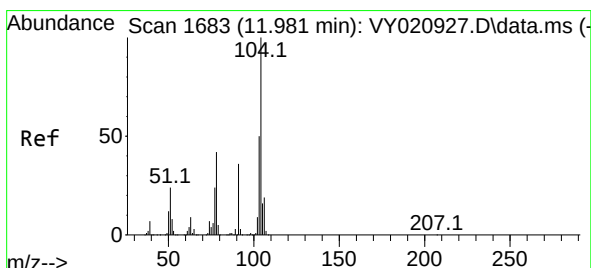
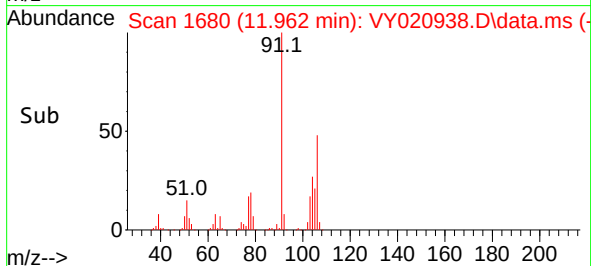
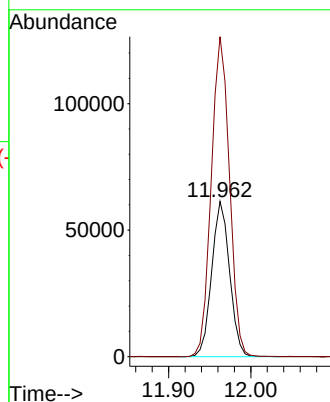
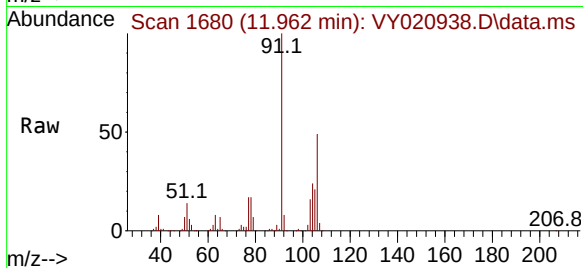
ClientSampleId :

Tgt Ion:106 Resp: 92840

Ion Ratio Lower Upper

106 100

91 209.7 105.3 315.9



#70

Styrene

Concen: 21.905 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

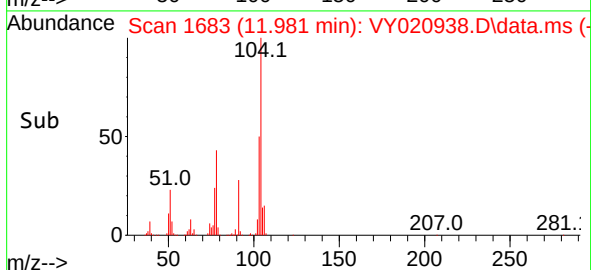
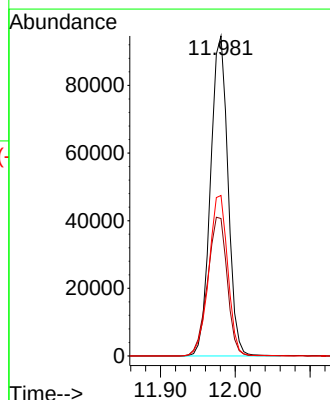
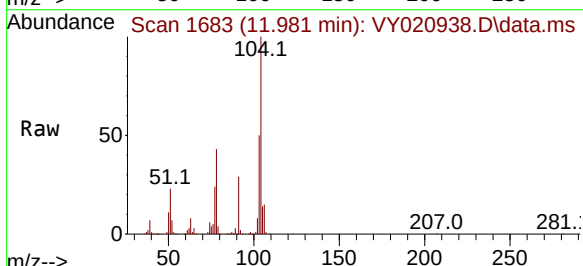
Tgt Ion:104 Resp: 153642

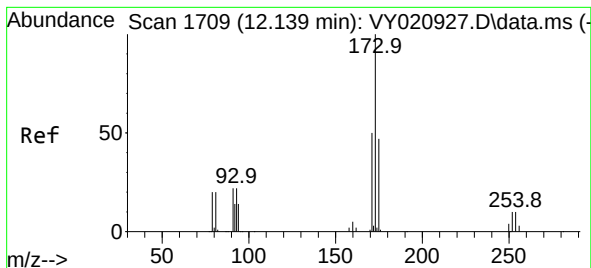
Ion Ratio Lower Upper

104 100

78 48.9 38.5 57.7

103 54.4 43.4 65.2





#71

Bromoform

Concen: 22.534 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

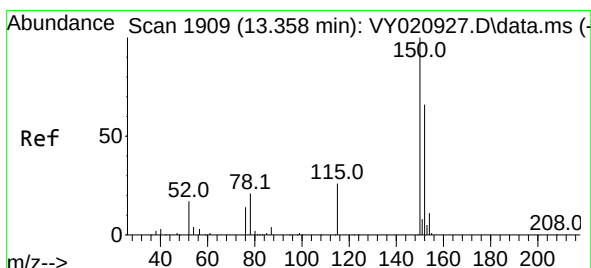
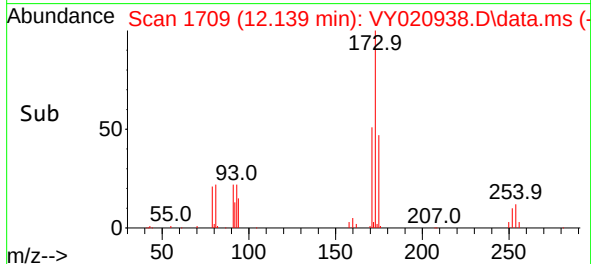
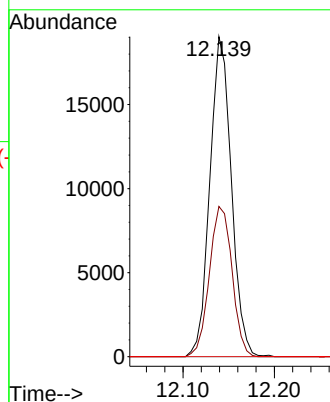
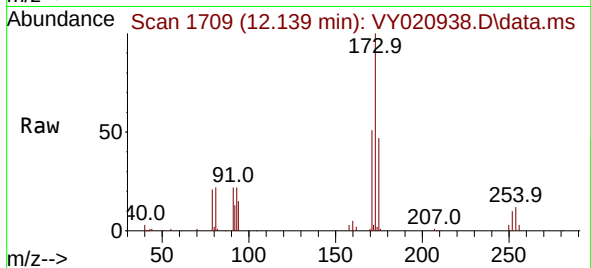
Tgt Ion:173 Resp: 31094

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

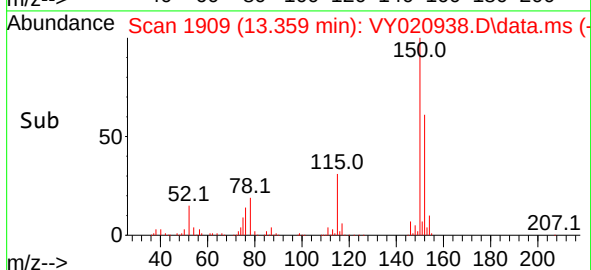
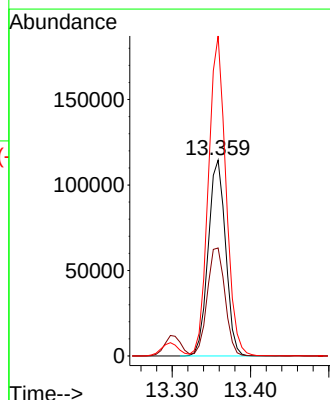
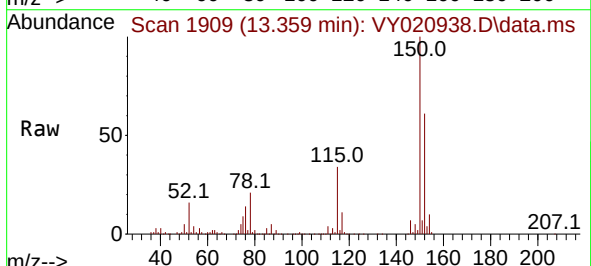
Tgt Ion:152 Resp: 176333

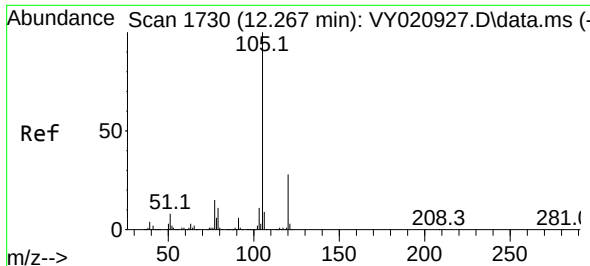
Ion Ratio Lower Upper

152 100

115 56.5 29.0 87.0

150 164.7 0.0 347.6

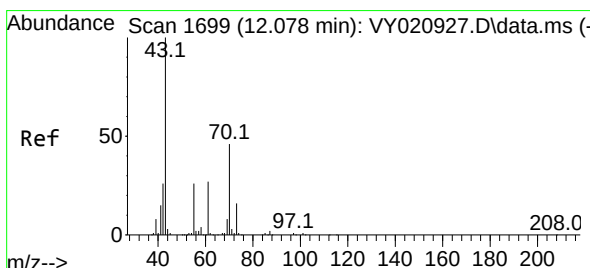
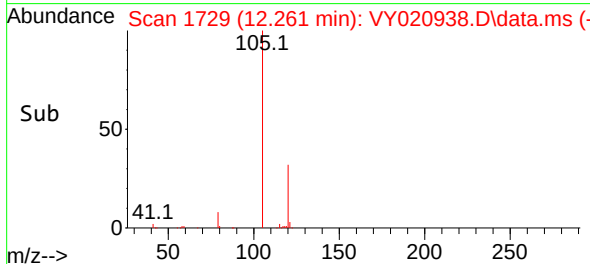
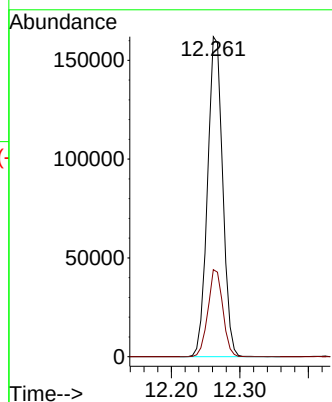
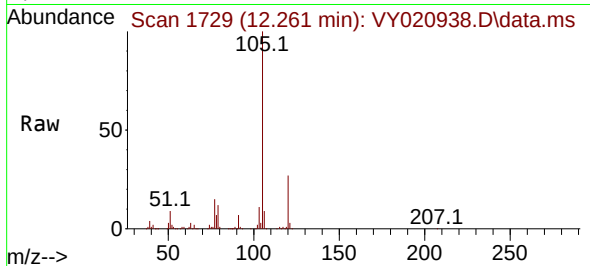




#73
Isopropylbenzene
Concen: 20.498 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

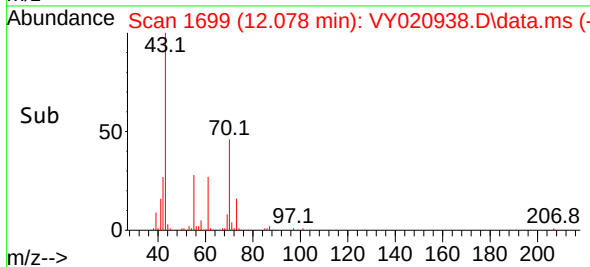
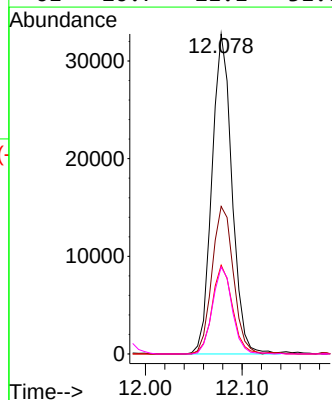
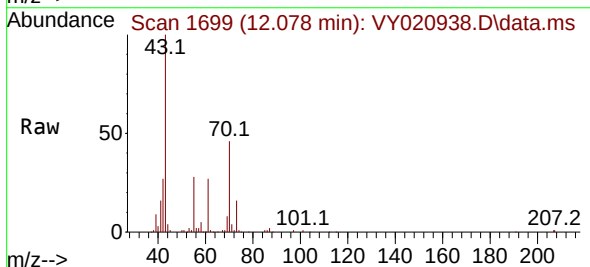
Instrument :
MSVOA_Y
ClientSampleId :

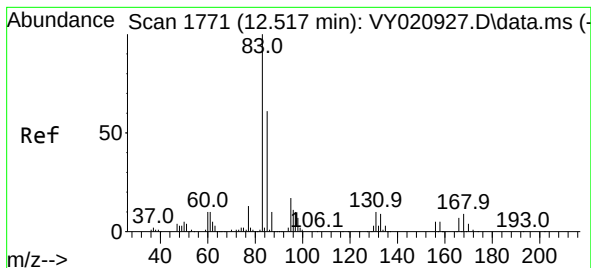
Tgt Ion:105 Resp: 248935
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 21.809 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 43 Resp: 47129
Ion Ratio Lower Upper
43 100
70 49.0 38.7 58.1
55 28.3 21.6 32.4
61 26.7 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.193 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

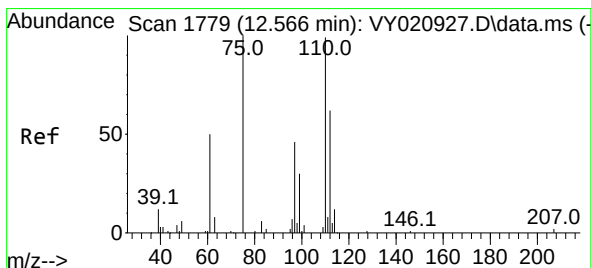
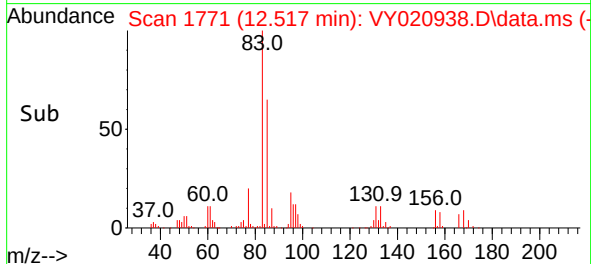
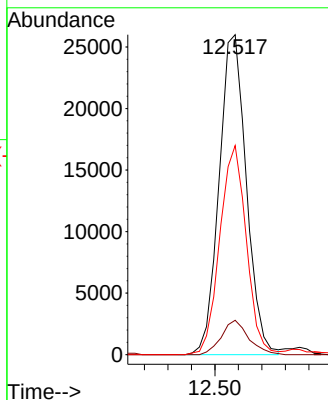
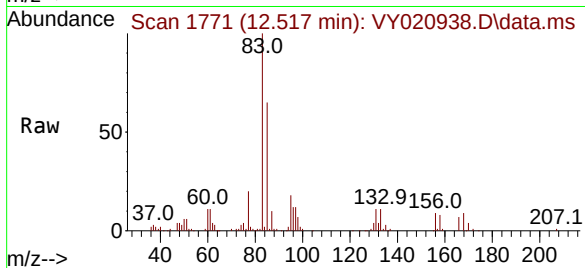
Tgt Ion: 83 Resp: 41935

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.7

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 43.177 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020938.D

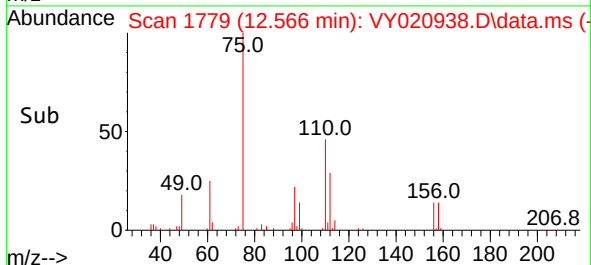
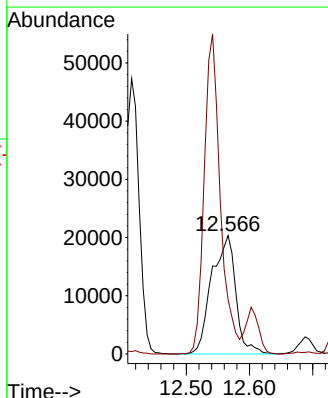
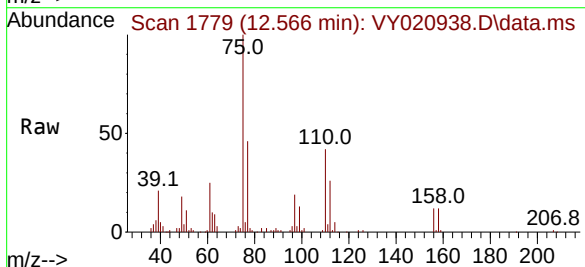
Acq: 27 Jan 2025 10:30

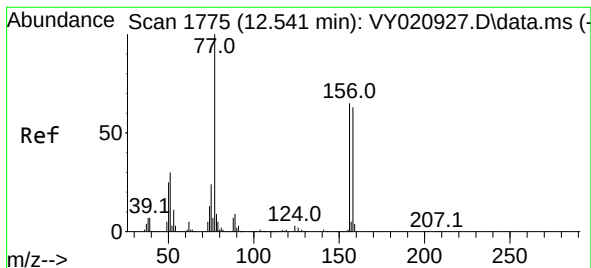
Tgt Ion: 75 Resp: 53831

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.815 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

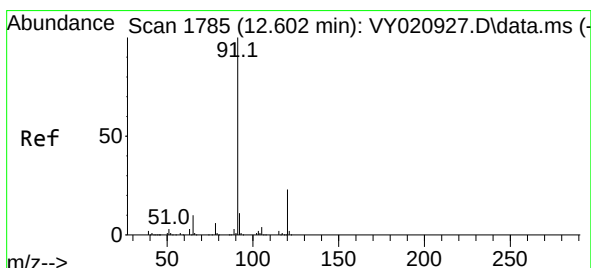
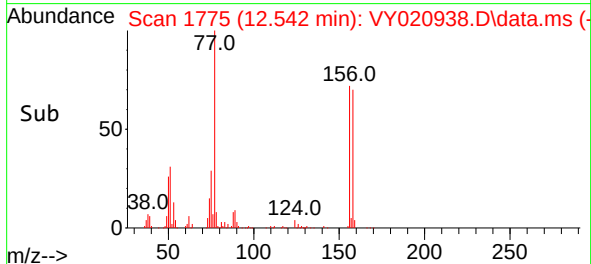
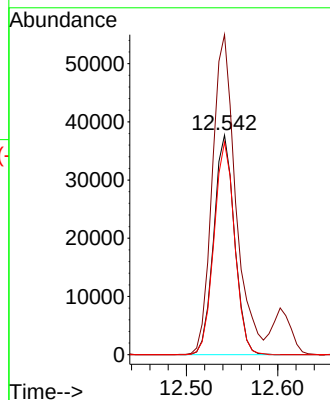
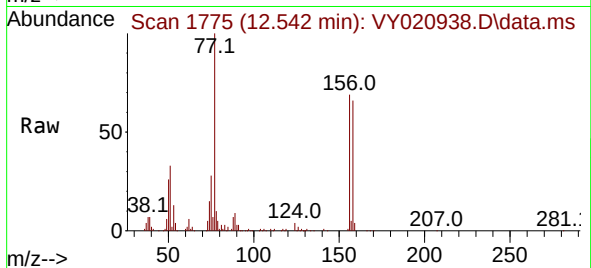
Tgt Ion:156 Resp: 59254

Ion Ratio Lower Upper

156 100

77 165.2 84.4 253.1

158 96.7 48.9 146.6



#78

n-propylbenzene

Concen: 20.762 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020938.D

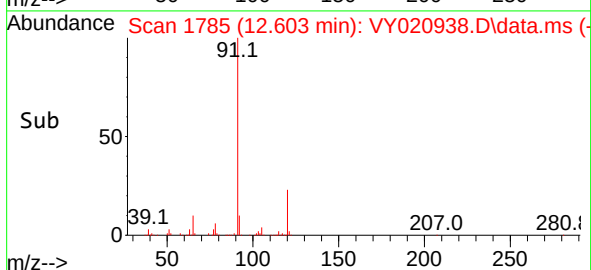
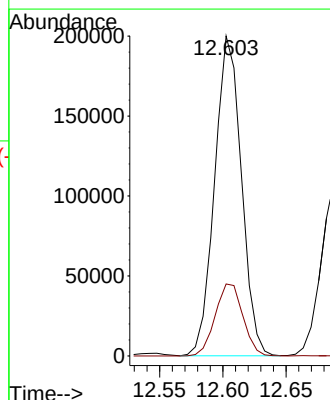
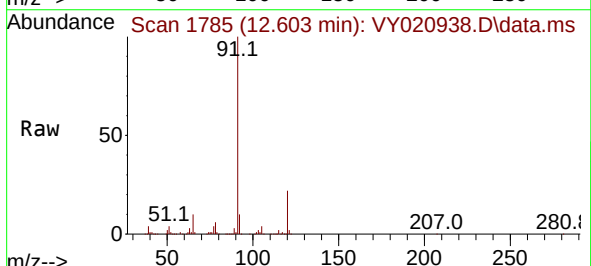
Acq: 27 Jan 2025 10:30

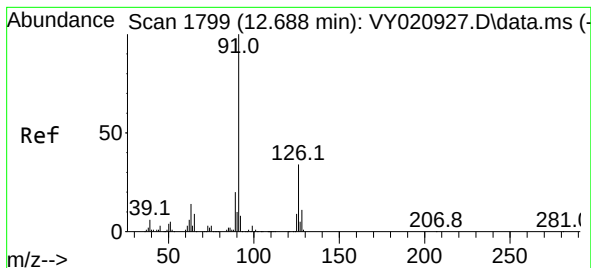
Tgt Ion: 91 Resp: 293711

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.4

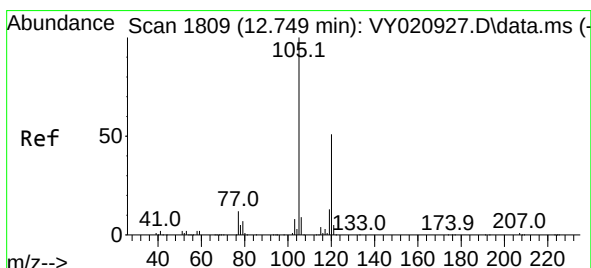
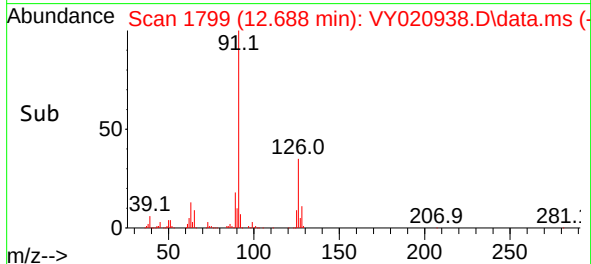
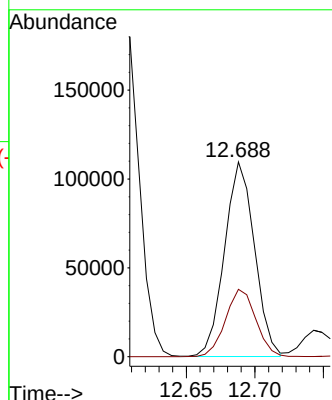
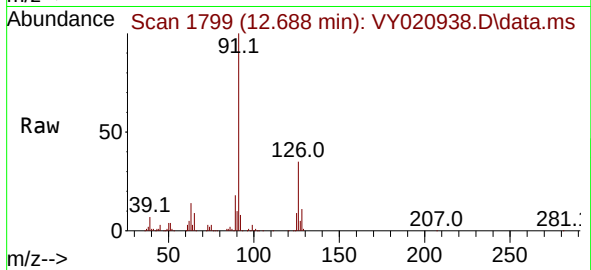




#79
2-Chlorotoluene
Concen: 20.764 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

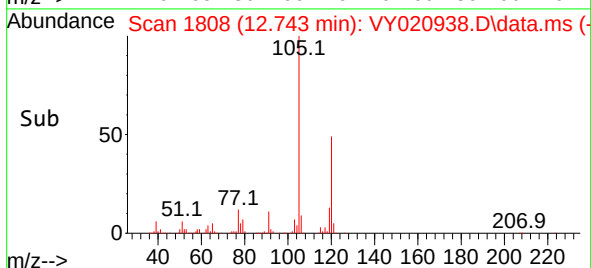
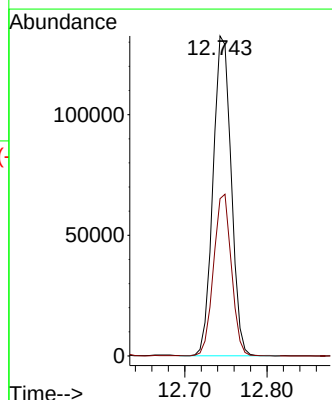
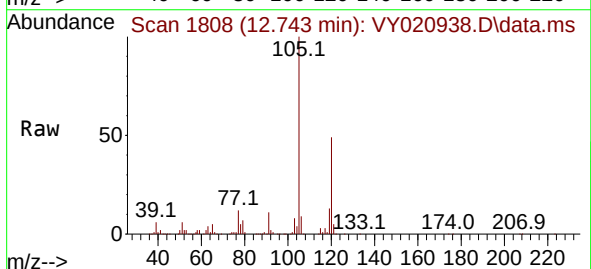
Instrument :
MSVOA_Y
ClientSampleId :

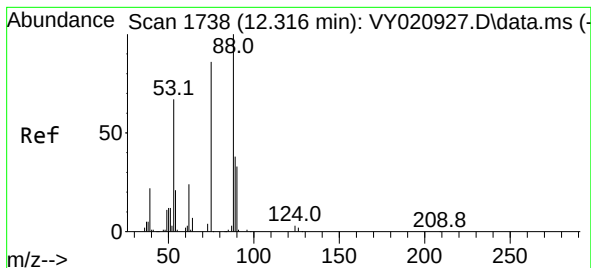
Tgt Ion: 91 Resp: 166593
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 20.777 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 105 Resp: 202745
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6

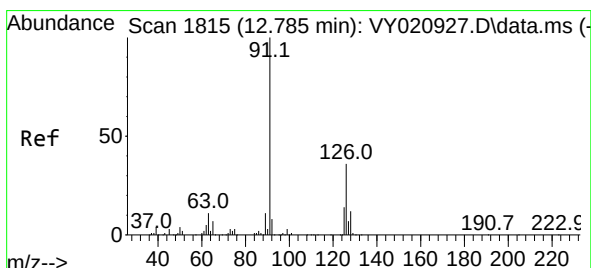
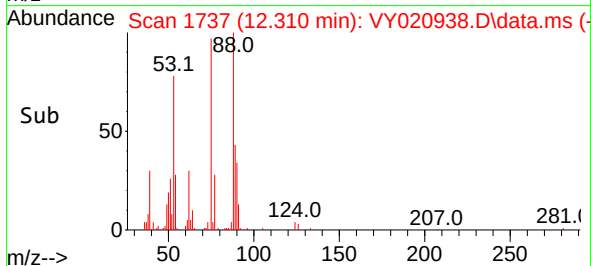
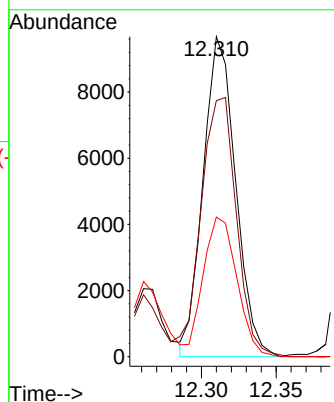
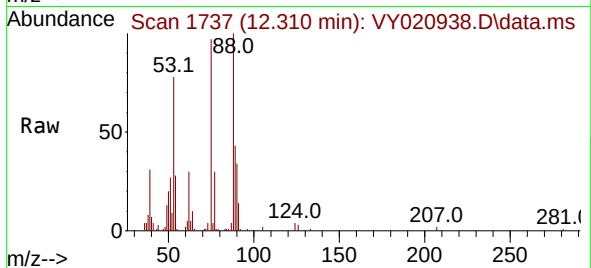




#81
 trans-1,4-Dichloro-2-butene
 Concen: 22.688 ug/l
 RT: 12.310 min Scan# 1737
 Delta R.T. -0.006 min
 Lab File: VY020938.D
 Acq: 27 Jan 2025 10:30

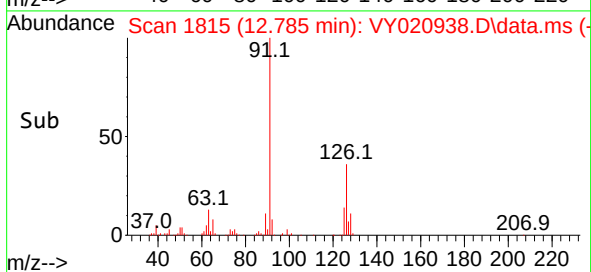
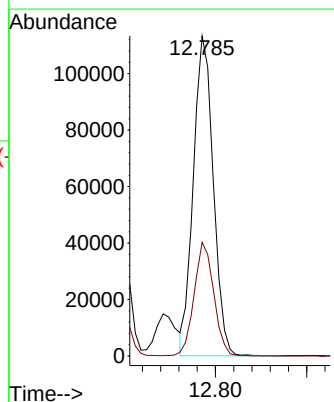
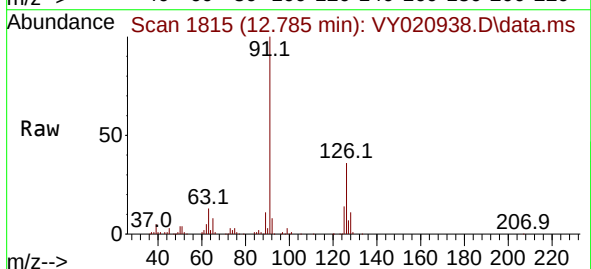
Instrument :
 MSVOA_Y
 ClientSampleId :

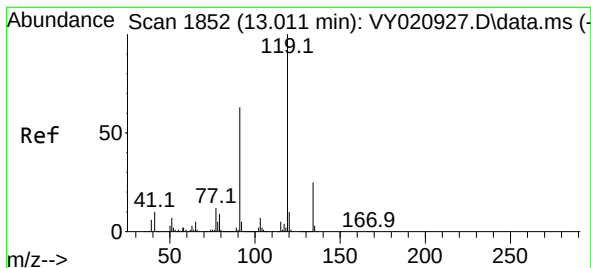
Tgt Ion: 75 Resp: 14641
 Ion Ratio Lower Upper
 75 100
 53 88.5 67.7 101.5
 89 45.5 38.4 57.6



#82
 4-Chlorotoluene
 Concen: 20.923 ug/l
 RT: 12.785 min Scan# 1815
 Delta R.T. 0.000 min
 Lab File: VY020938.D
 Acq: 27 Jan 2025 10:30

Tgt Ion: 91 Resp: 171424
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.371 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

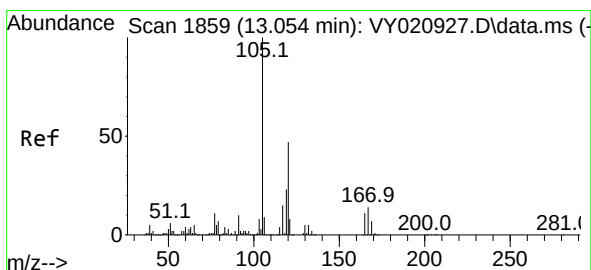
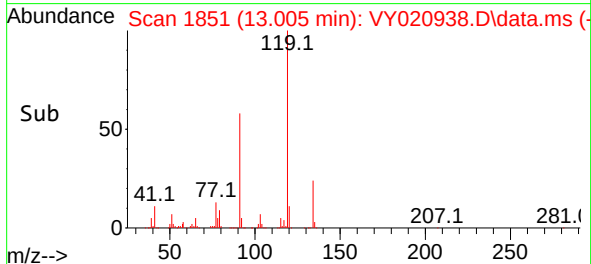
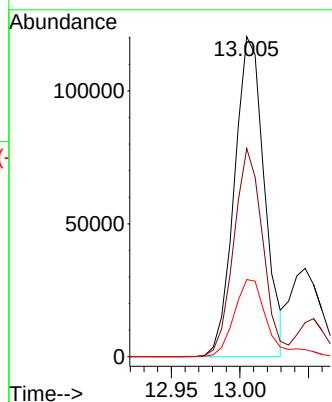
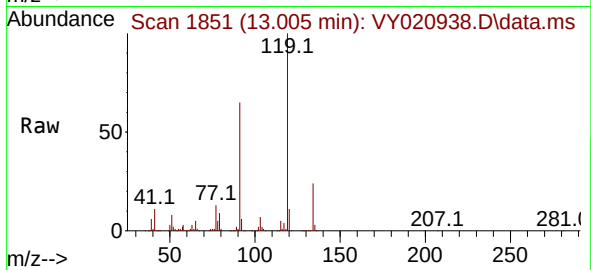
Tgt Ion:119 Resp: 183352

Ion Ratio Lower Upper

119 100

91 63.4 30.9 92.8

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.851 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020938.D

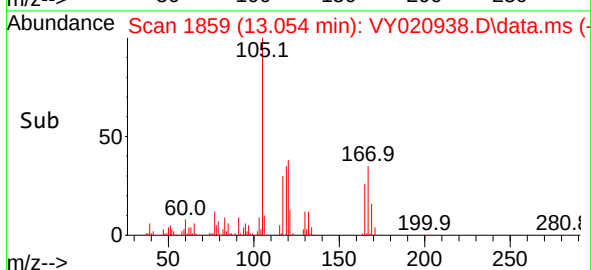
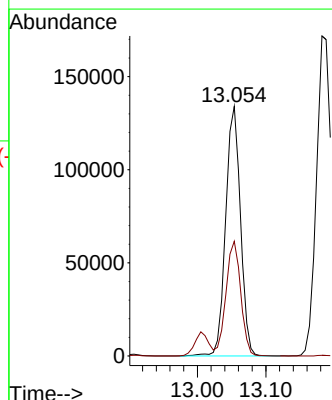
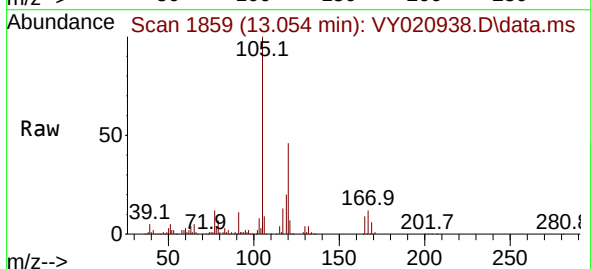
Acq: 27 Jan 2025 10:30

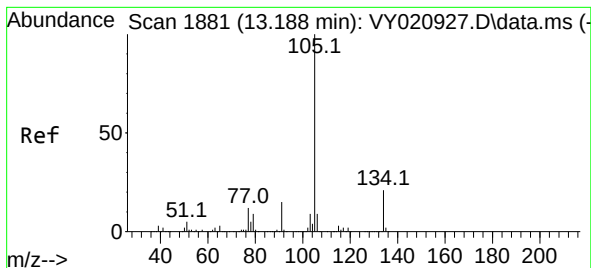
Tgt Ion:105 Resp: 200305

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.685 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

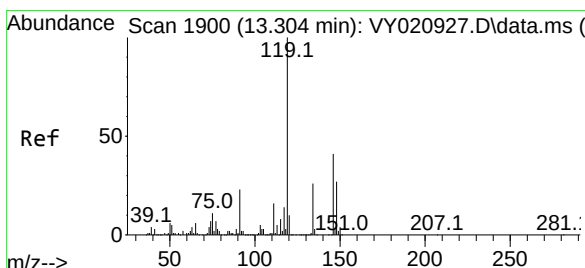
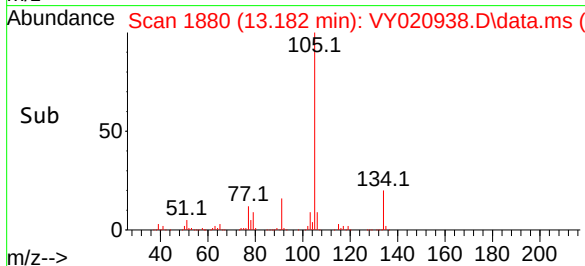
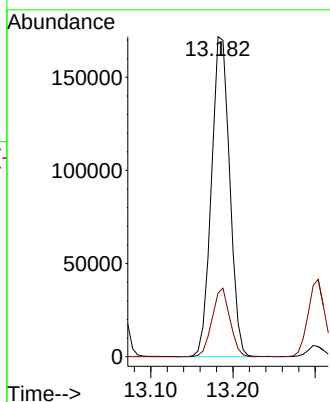
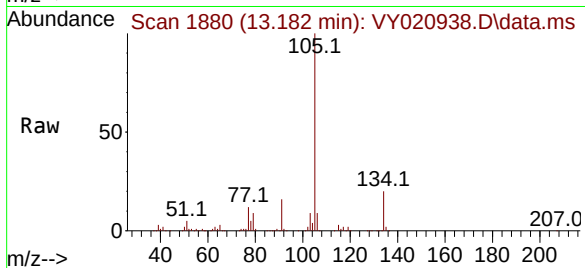
ClientSampleId :

Tgt Ion:105 Resp: 265445

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.706 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

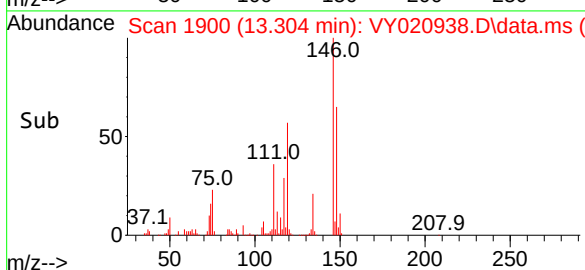
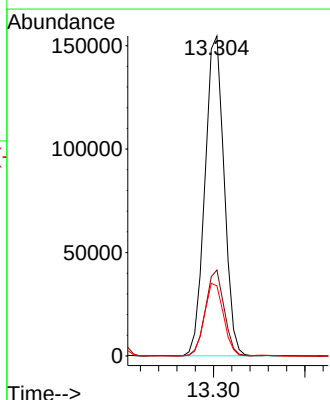
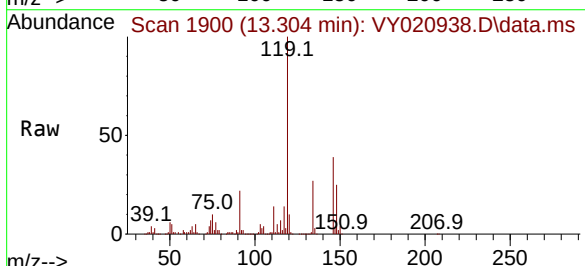
Tgt Ion:119 Resp: 224491

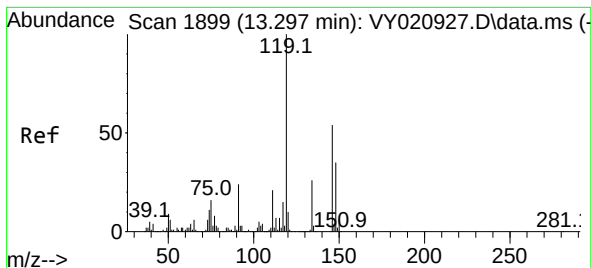
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 20.935 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

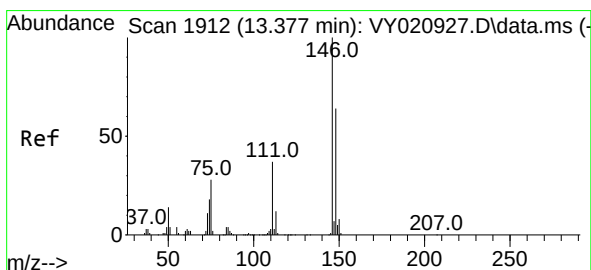
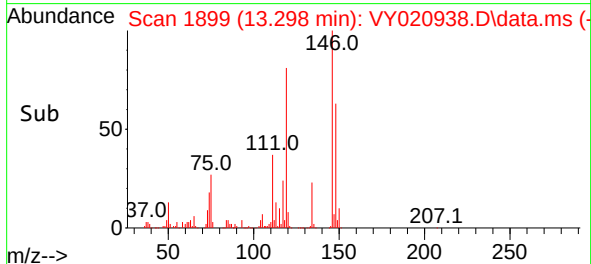
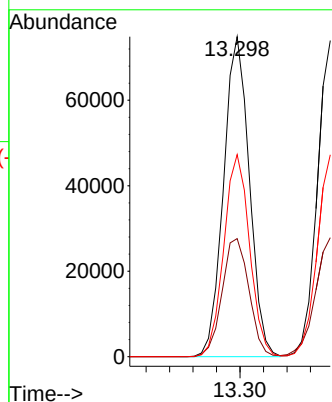
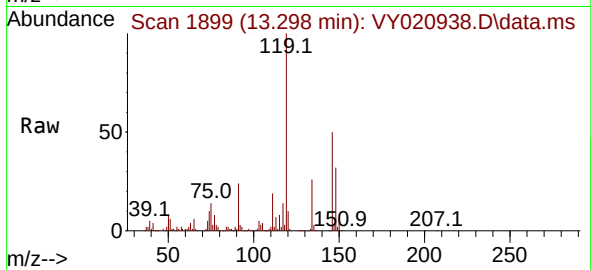
Tgt Ion:146 Resp: 114125

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.929 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

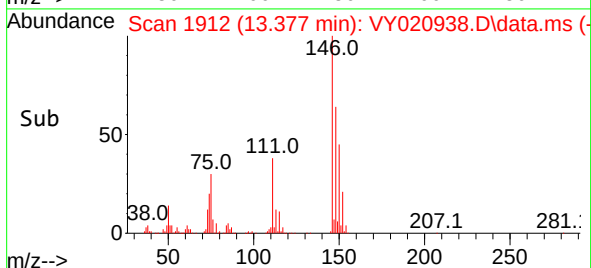
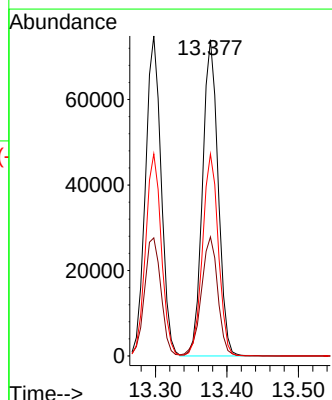
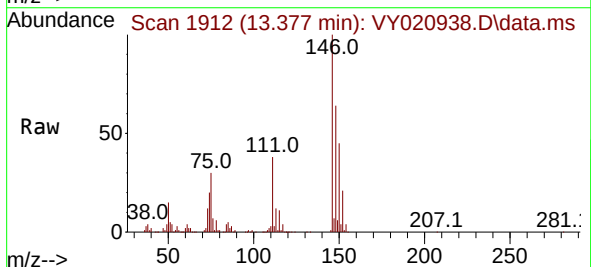
Tgt Ion:146 Resp: 112075

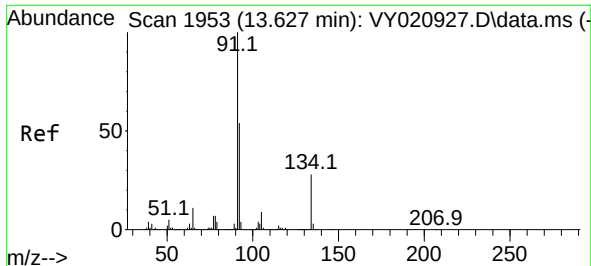
Ion Ratio Lower Upper

146 100

111 39.7 18.8 56.4

148 64.7 32.0 96.0

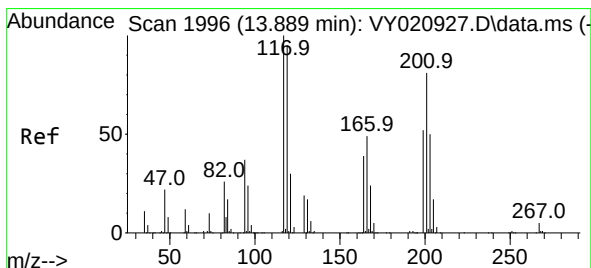
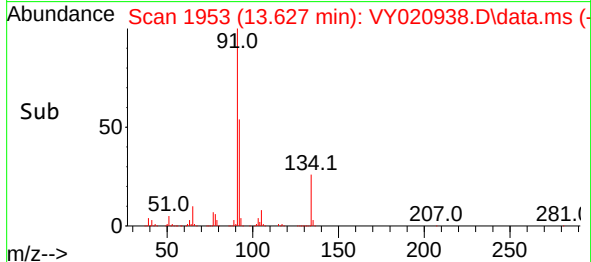
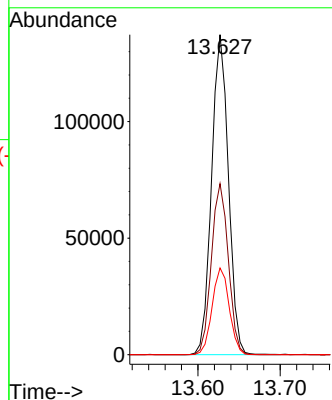
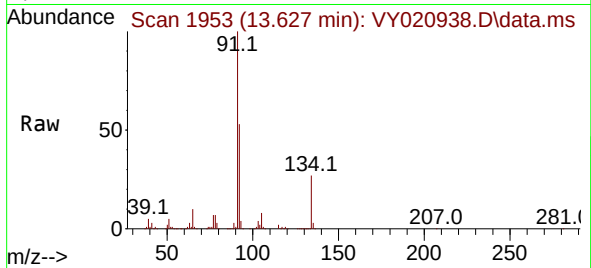




#89
n-Butylbenzene
Concen: 20.420 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

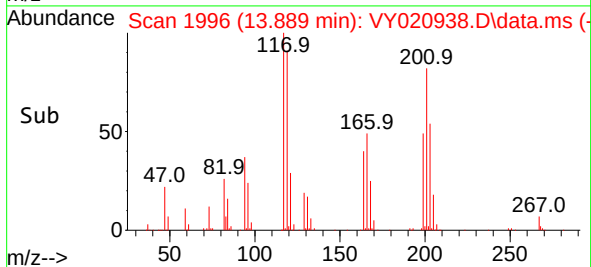
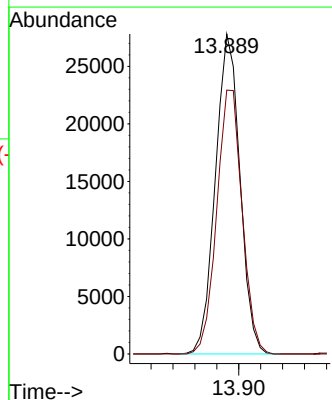
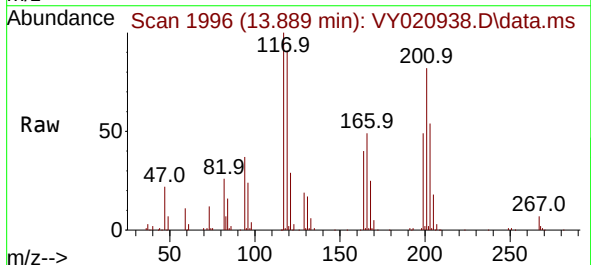
Instrument :
MSVOA_Y
ClientSampleId :

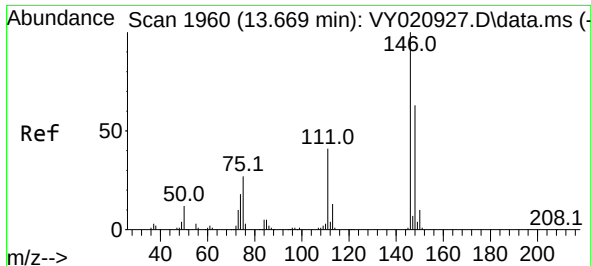
Tgt Ion: 91 Resp: 195281
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.3
134 27.5 13.8 41.4



#90
Hexachloroethane
Concen: 20.116 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020938.D
Acq: 27 Jan 2025 10:30

Tgt Ion: 117 Resp: 43323
Ion Ratio Lower Upper
117 100
201 85.3 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 20.940 ug/l

RT: 13.669 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VY020938.D

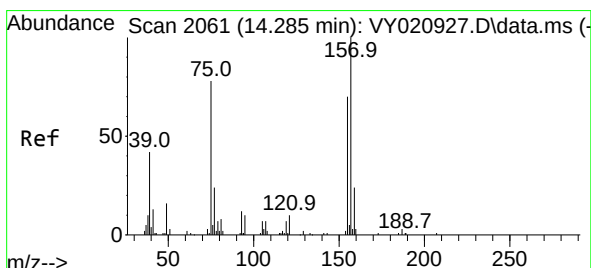
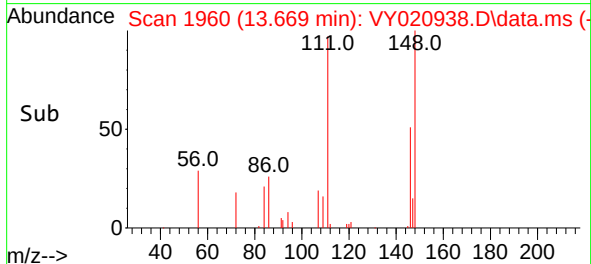
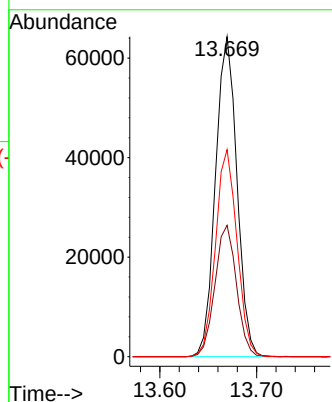
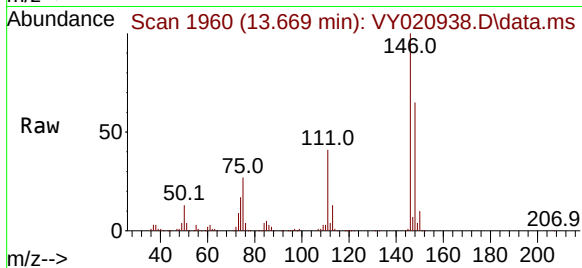
Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	98897
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.6
148	64.9	32.2	96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.494 ug/l

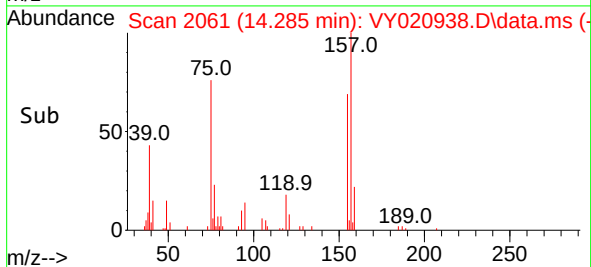
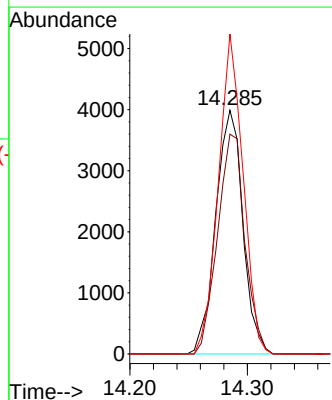
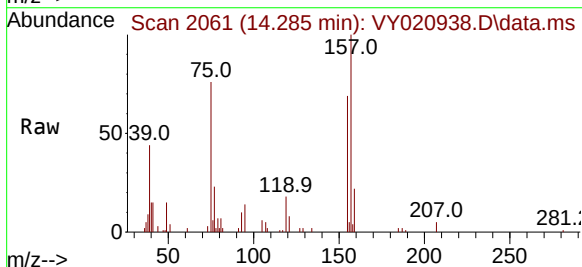
RT: 14.285 min Scan# 2061

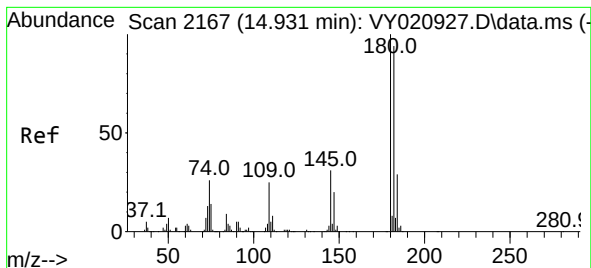
Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Tgt Ion:	75	Resp:	6385
Ion	Ratio	Lower	Upper
75	100		
155	91.1	46.6	139.7
157	119.7	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 20.453 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

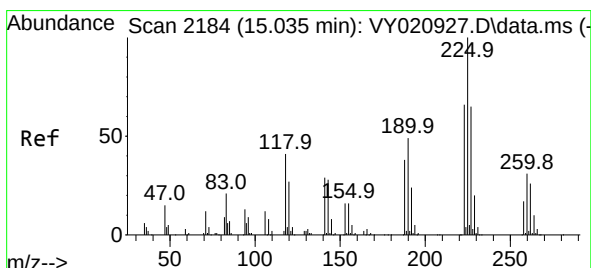
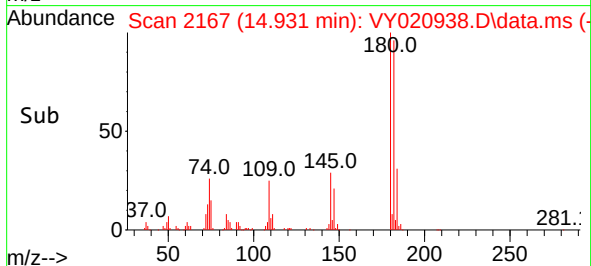
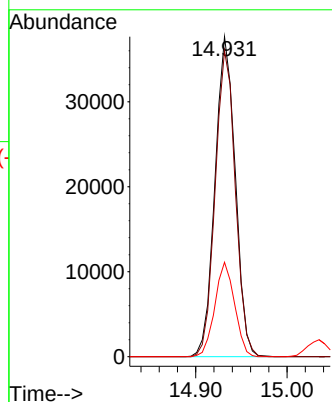
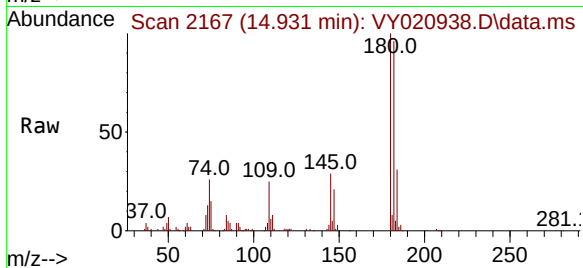
Tgt Ion:180 Resp: 58110

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 28.7 14.9 44.5



#94

Hexachlorobutadiene

Concen: 20.186 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

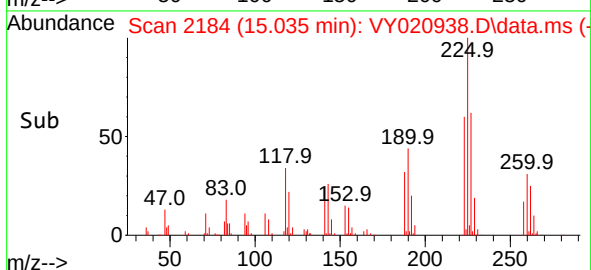
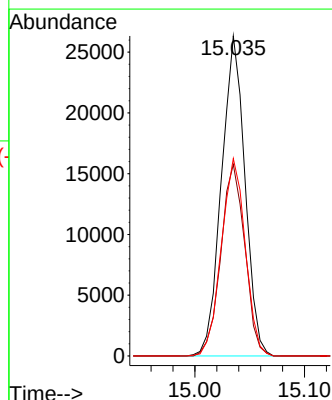
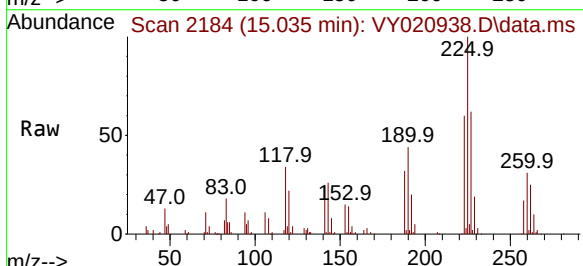
Tgt Ion:225 Resp: 39240

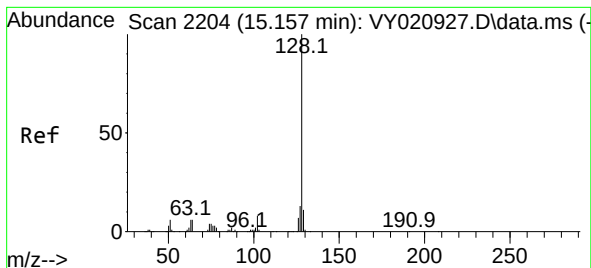
Ion Ratio Lower Upper

225 100

223 61.0 31.5 94.5

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 21.064 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

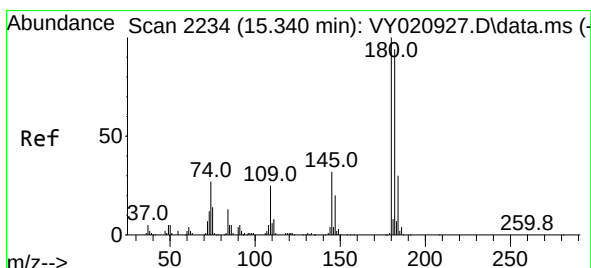
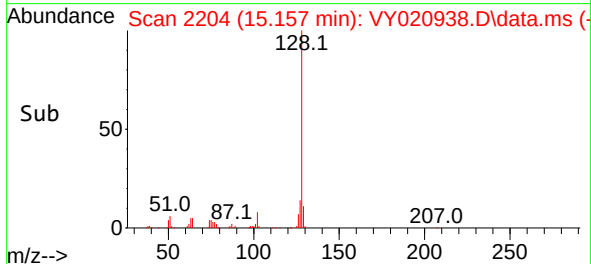
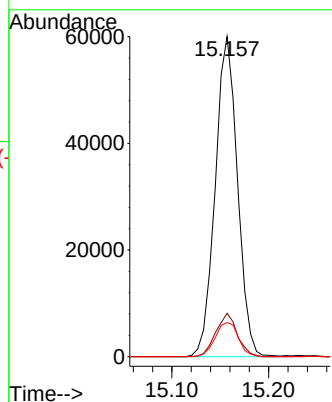
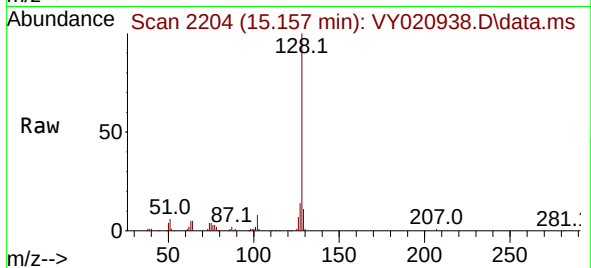
Tgt Ion:128 Resp: 95967

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.828 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020938.D

Acq: 27 Jan 2025 10:30

Tgt Ion:180 Resp: 49716

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.6

145 31.2 15.7 47.0

