

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020908.D
 Acq On : 23 Jan 2025 10:52
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:15:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	250761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	365684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	297828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	147781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	108719	51.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.658	113	123261	53.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.127	98	448906	56.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.420%	
62) 4-Bromofluorobenzene	12.426	95	150793	51.130	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	26373	14.331	ug/l	97
3) Chloromethane	2.086	50	18090	18.669	ug/l	96
4) Vinyl Chloride	2.220	62	21118	19.605	ug/l	90
5) Bromomethane	2.617	94	12588	16.407	ug/l	96
6) Chloroethane	2.757	64	13381	20.142	ug/l	99
7) Trichlorofluoromethane	3.086	101	55687	16.844	ug/l	98
8) Diethyl Ether	3.476	74	15934	15.412	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.848	101	38811	17.384	ug/l	99
10) Methyl Iodide	4.037	142	46023	19.236	ug/l	95
11) Tert butyl alcohol	4.909	59	8448	52.455	ug/l #	73
12) 1,1-Dichloroethene	3.824	96	31734	16.228	ug/l	99
13) Acrolein	3.683	56	4074	90.076	ug/l	96
14) Allyl chloride	4.415	41	47072	16.685	ug/l	95
15) Acrylonitrile	5.092	53	34873	79.366	ug/l	99
16) Acetone	3.903	43	24602	81.171	ug/l	96
17) Carbon Disulfide	4.141	76	59460	14.016	ug/l	97
18) Methyl Acetate	4.415	43	17627	17.224	ug/l	93
19) Methyl tert-butyl Ether	5.147	73	86083	15.598	ug/l	99
20) Methylene Chloride	4.653	84	34380	16.425	ug/l	94
21) trans-1,2-Dichloroethene	5.147	96	34107	15.838	ug/l	100
22) Diisopropyl ether	6.049	45	110034	18.309	ug/l	96
23) Vinyl Acetate	5.994	43	279354	84.304	ug/l	98
24) 1,1-Dichloroethane	5.945	63	68597	17.300	ug/l	100
25) 2-Butanone	6.927	43	40217	80.778	ug/l	97
26) 2,2-Dichloropropane	6.915	77	68559	16.654	ug/l	99
27) cis-1,2-Dichloroethene	6.921	96	44543	16.394	ug/l	97
28) Bromochloromethane	7.268	49	16892	15.788	ug/l	92
29) Tetrahydrofuran	7.293	42	25953	81.603	ug/l	94
30) Chloroform	7.445	83	74184	16.406	ug/l	99
31) Cyclohexane	7.732	56	53848	17.362	ug/l	93
32) 1,1,1-Trichloroethane	7.640	97	71201	16.143	ug/l	99
36) 1,1-Dichloropropene	7.860	75	49570	16.964	ug/l	99
37) Ethyl Acetate	7.012	43	18945	16.292	ug/l	97
38) Carbon Tetrachloride	7.841	117	64569	15.874	ug/l	99
39) Methylcyclohexane	9.128	83	59040	16.465	ug/l	97
40) Benzene	8.103	78	151670	16.912	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	11755	17.651	ug/l	94
42) 1,2-Dichloroethane	8.177	62	39686	16.204	ug/l	99
43) Isopropyl Acetate	8.219	43	39182	16.566	ug/l	98
44) Trichloroethene	8.884	130	41852	16.740	ug/l	95
45) 1,2-Dichloropropane	9.158	63	36646	18.024	ug/l	99
46) Dibromomethane	9.250	93	19167	16.417	ug/l	99
47) Bromodichloromethane	9.445	83	56284	16.833	ug/l	99
48) Methyl methacrylate	9.237	41	16857	15.897	ug/l	99
49) 1,4-Dioxane	9.256	88	3289	265.329	ug/l	92
51) 4-Methyl-2-Pentanone	10.018	43	100038	84.661	ug/l	98
52) Toluene	10.188	92	99271	16.715	ug/l	100
53) t-1,3-Dichloropropene	10.414	75	47373	15.930	ug/l	99
54) cis-1,3-Dichloropropene	9.871	75	56278	16.294	ug/l	97
55) 1,1,2-Trichloroethane	10.591	97	27646	16.575	ug/l	94
56) Ethyl methacrylate	10.457	69	33440	15.875	ug/l	99
57) 1,3-Dichloropropane	10.737	76	46636	17.153	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.731	63	61626	73.745	ug/l	97
59) 2-Hexanone	10.780	43	61089	80.585	ug/l	98
60) Dibromochloromethane	10.926	129	39646	16.389	ug/l	99
61) 1,2-Dibromoethane	11.030	107	24470	16.341	ug/l	99
64) Tetrachloroethene	10.664	164	37039	16.915	ug/l	97
65) Chlorobenzene	11.456	112	110236	16.741	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.536	131	41881	16.707	ug/l	98
67) Ethyl Benzene	11.536	91	192219	16.860	ug/l	99
68) m/p-Xylenes	11.645	106	147284	33.554	ug/l	98
69) o-Xylene	11.975	106	69534	16.707	ug/l	96
70) Styrene	11.987	104	115354	16.466	ug/l	99
71) Bromoform	12.151	173	23570	16.540	ug/l #	97
73) Isopropylbenzene	12.273	105	194720	16.609	ug/l	100
74) N-amyl acetate	12.084	43	31049	16.191	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.523	83	31127	17.518	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	38269	29.596	ug/l #	100
77) Bromobenzene	12.548	156	44070	16.304	ug/l	98
78) n-propylbenzene	12.615	91	225907	16.977	ug/l	100
79) 2-Chlorotoluene	12.694	91	128013	16.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.755	105	156799	16.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.322	75	9550	15.573	ug/l	99
82) 4-Chlorotoluene	12.798	91	130738	16.532	ug/l	97
83) tert-Butylbenzene	13.017	119	151299	17.026	ug/l	95
84) 1,2,4-Trimethylbenzene	13.060	105	153321	16.525	ug/l	99
85) sec-Butylbenzene	13.194	105	213507	17.201	ug/l	100
86) p-Isopropyltoluene	13.310	119	176374	16.657	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	86674	16.503	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	85772	16.591	ug/l	99
89) n-Butylbenzene	13.633	91	154421	16.810	ug/l	99
90) Hexachloroethane	13.895	117	35637	16.761	ug/l	98
91) 1,2-Dichlorobenzene	13.676	146	76103	16.573	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.291	75	4204	14.632	ug/l	99
93) 1,2,4-Trichlorobenzene	14.938	180	39925	15.107	ug/l	98
94) Hexachlorobutadiene	15.041	225	29704	15.944	ug/l	99
95) Naphthalene	15.163	128	61320	14.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.346	180	33856	15.291	ug/l	98

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QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

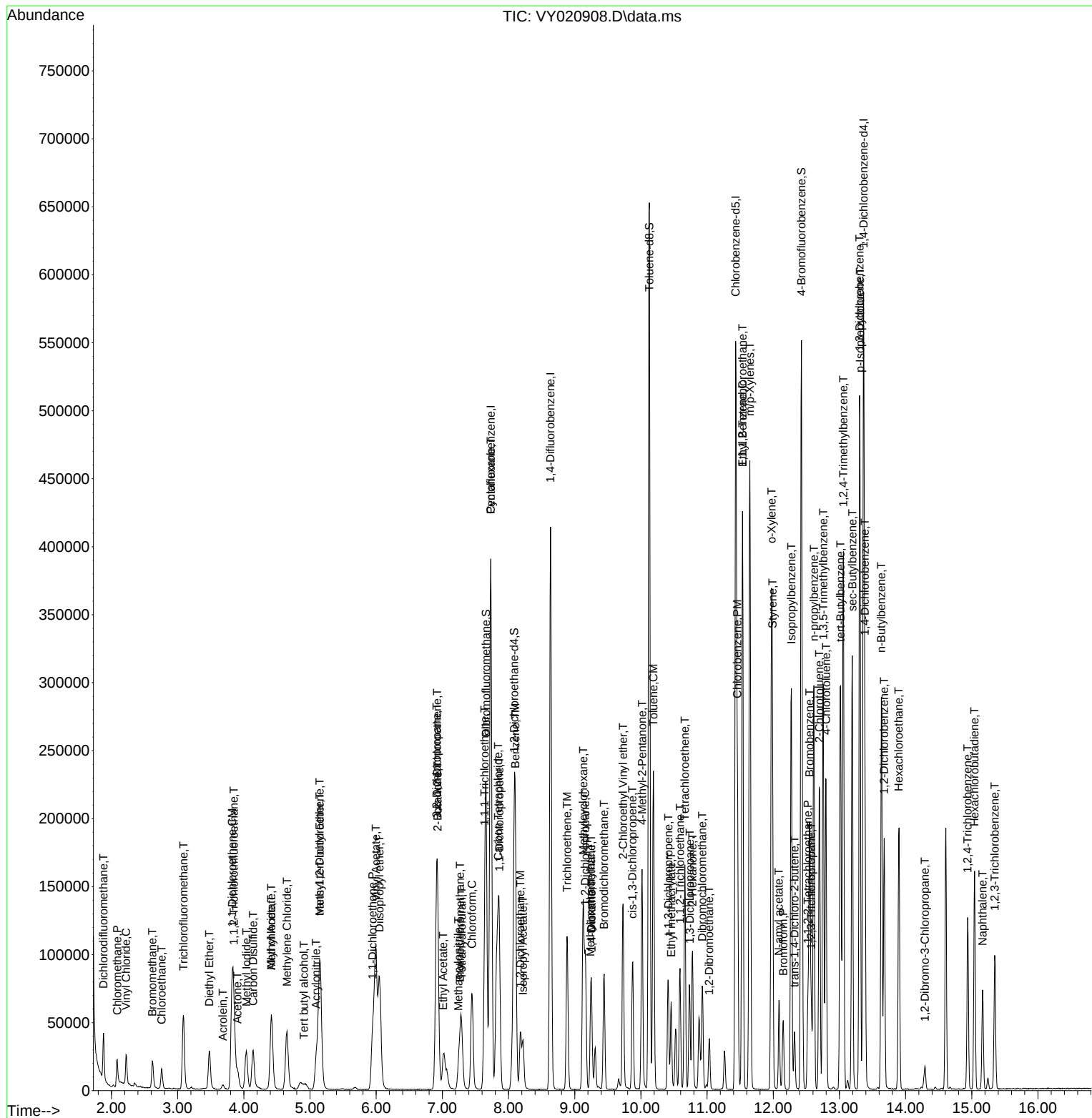
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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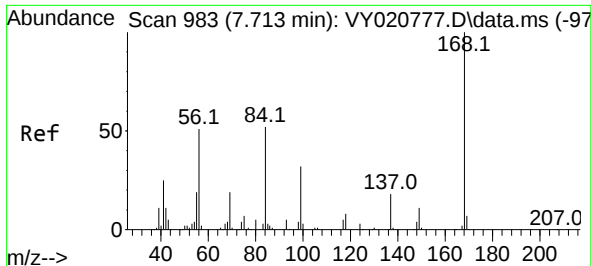
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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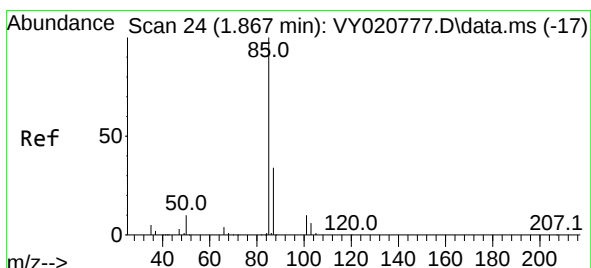
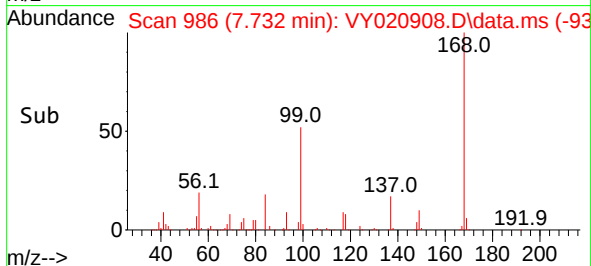
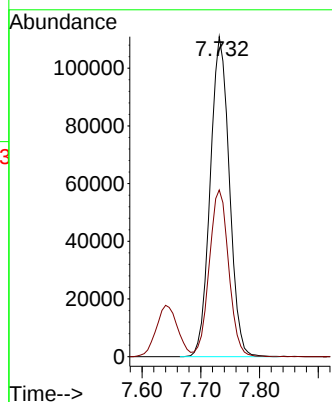
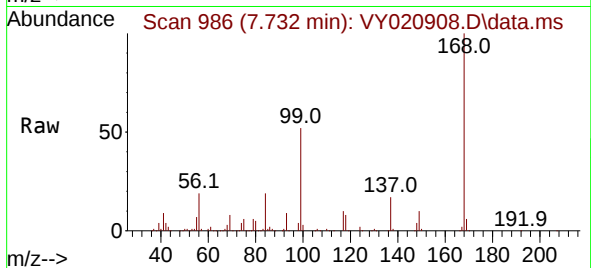




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY020908.D
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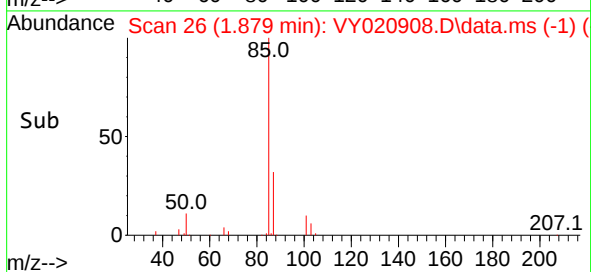
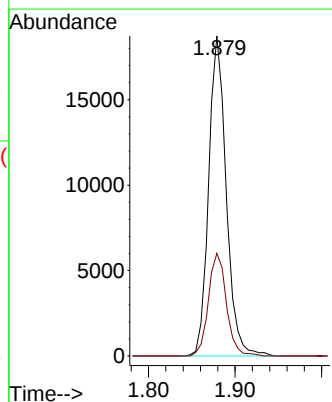
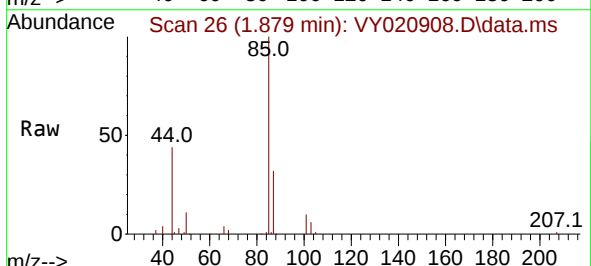
Instrument :
MSVOA_Y
ClientSampleId :

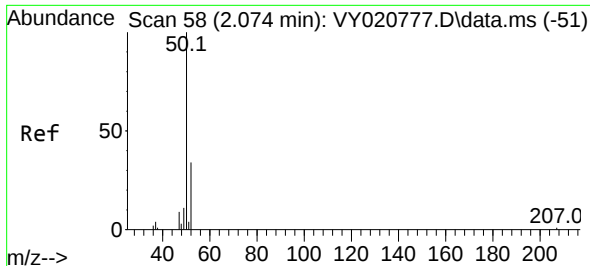
Tgt Ion:168 Resp: 250761
Ion Ratio Lower Upper
168 100
99 52.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 14.331 ug/l
RT: 1.879 min Scan# 26
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

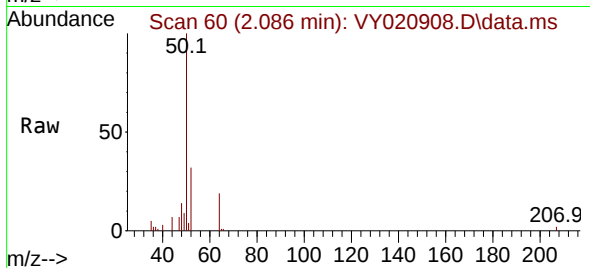
Tgt Ion: 85 Resp: 26373
Ion Ratio Lower Upper
85 100
87 32.0 16.9 50.6



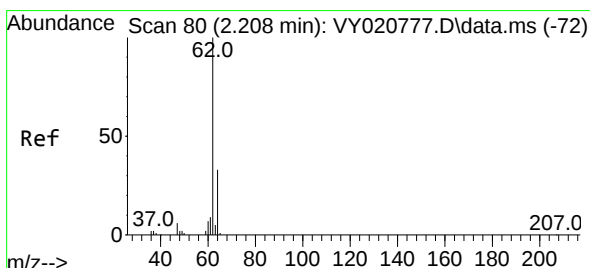
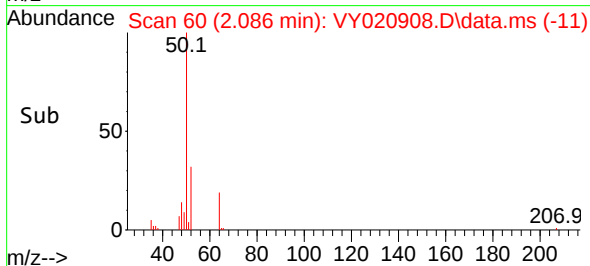
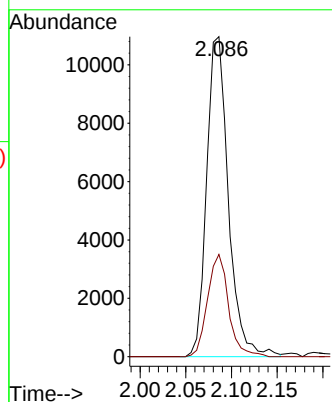


#3
Chloromethane
Concen: 18.669 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

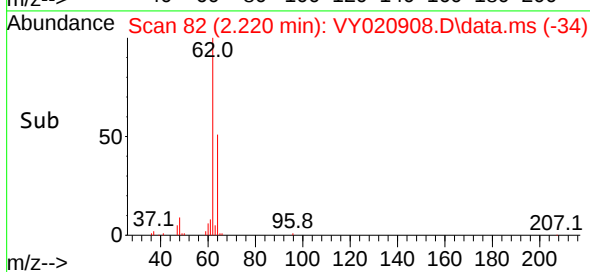
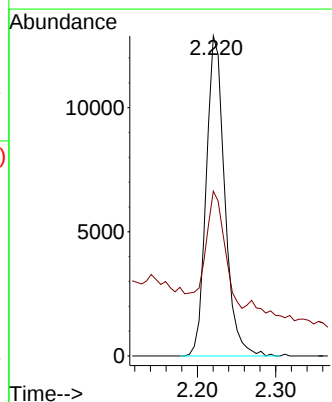
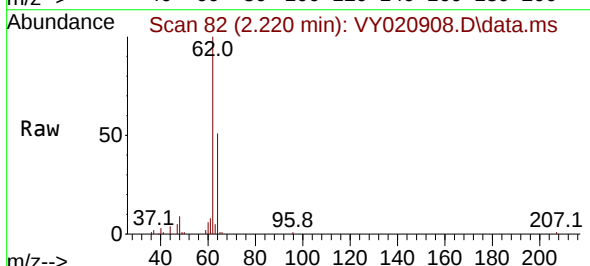


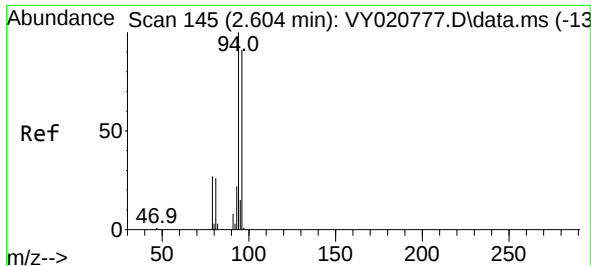
Tgt Ion: 50 Resp: 18090
Ion Ratio Lower Upper
50 100
52 31.9 27.3 40.9



#4
Vinyl Chloride
Concen: 19.605 ug/l
RT: 2.220 min Scan# 82
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 62 Resp: 21118
Ion Ratio Lower Upper
62 100
64 39.0 26.6 39.8

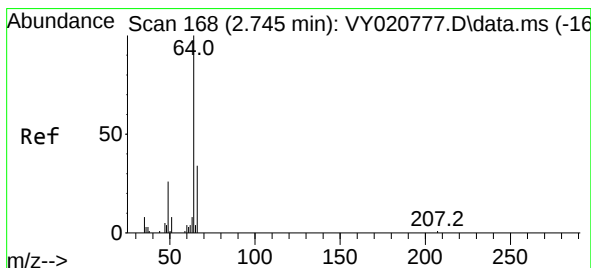
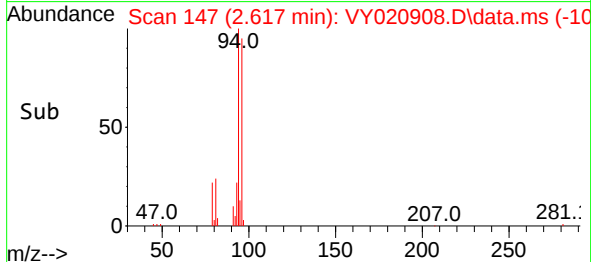
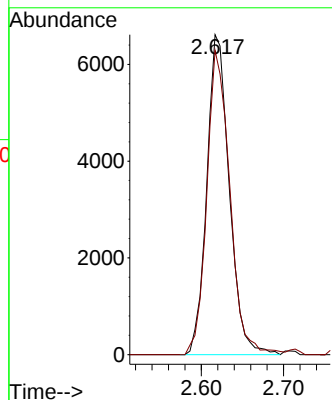
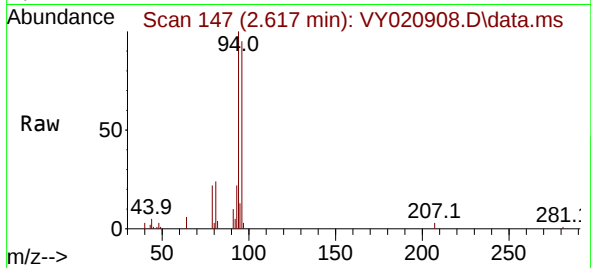




#5
Bromomethane
Concen: 16.407 ug/l
RT: 2.617 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY020908.D
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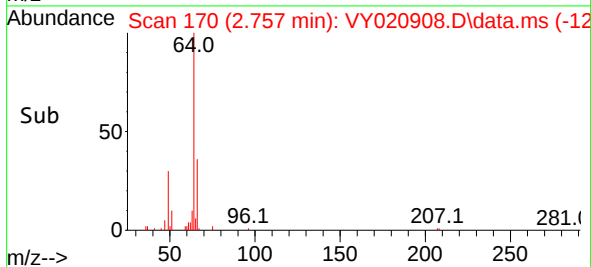
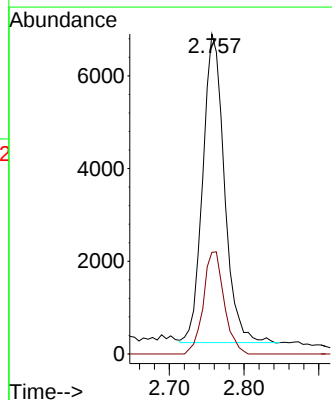
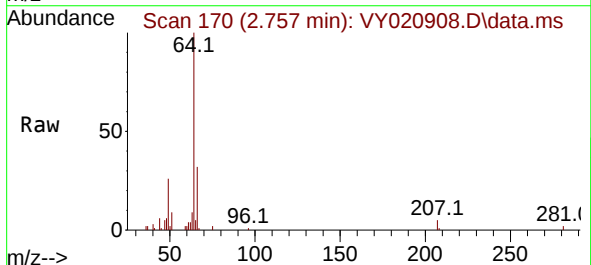
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MSVOA_Y
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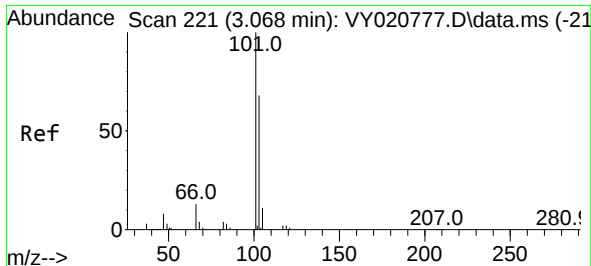
Tgt Ion: 94 Resp: 12588
Ion Ratio Lower Upper
94 100
96 95.1 72.6 109.0



#6
Chloroethane
Concen: 20.142 ug/l
RT: 2.757 min Scan# 170
Delta R.T. -0.006 min
Lab File: VY020908.D
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Tgt Ion: 64 Resp: 13381
Ion Ratio Lower Upper
64 100
66 32.9 26.9 40.3

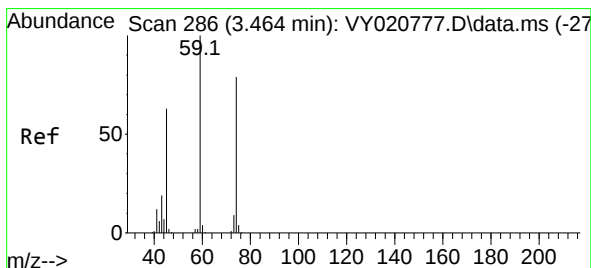
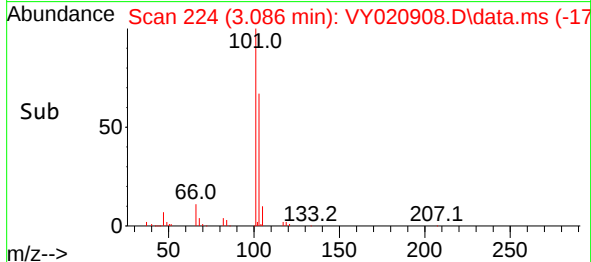
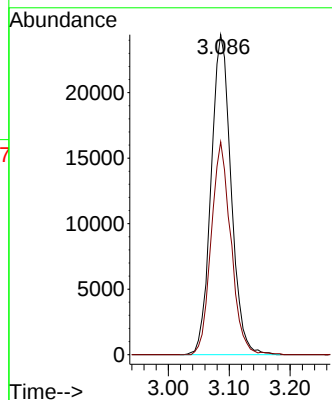
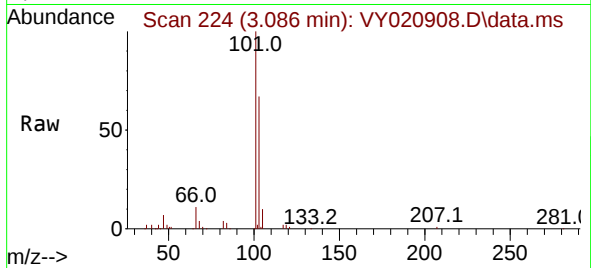




#7
 Trichlorofluoromethane
 Concen: 16.844 ug/l
 RT: 3.086 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

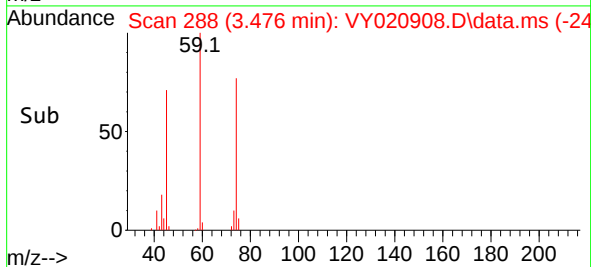
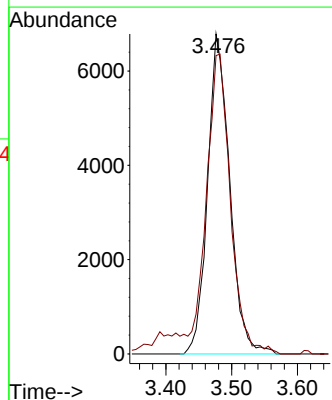
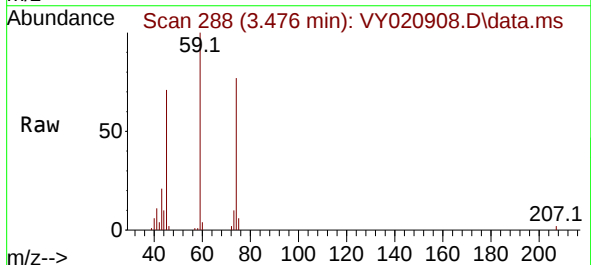
Instrument :
 MSVOA_Y
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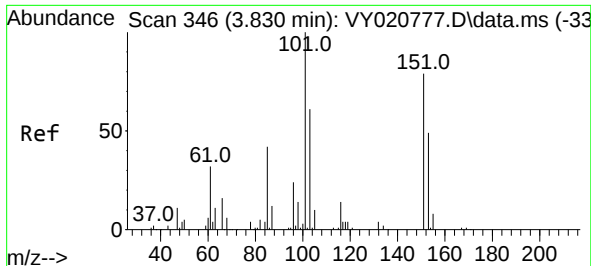
Tgt Ion:101 Resp: 55687
 Ion Ratio Lower Upper
 101 100
 103 66.5 54.6 82.0



#8
 Diethyl Ether
 Concen: 15.412 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 15934
 Ion Ratio Lower Upper
 74 100
 45 100.9 41.3 124.1

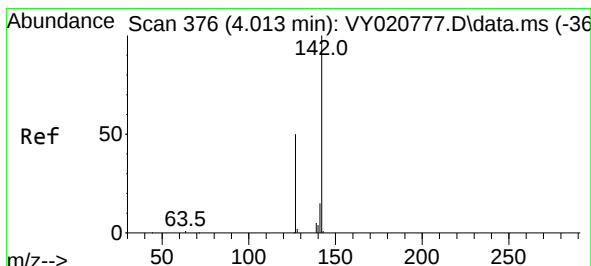
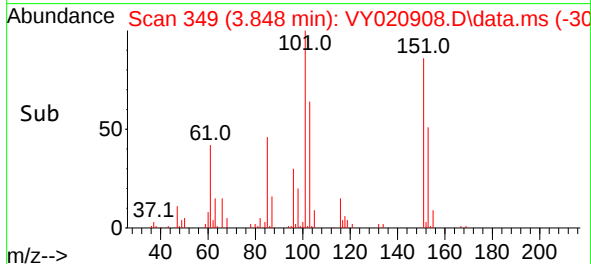
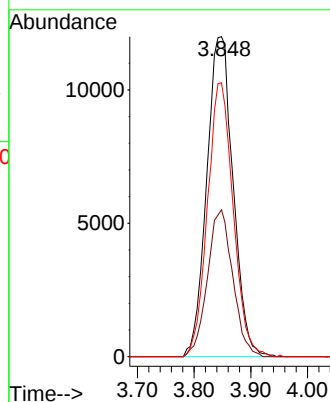
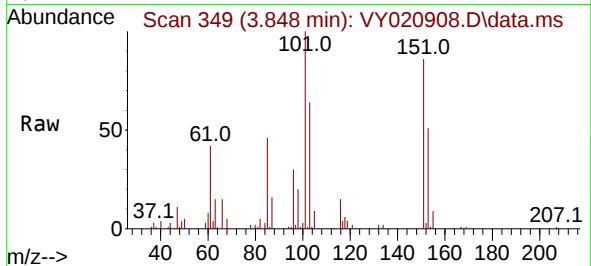




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.384 ug/l
RT: 3.848 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

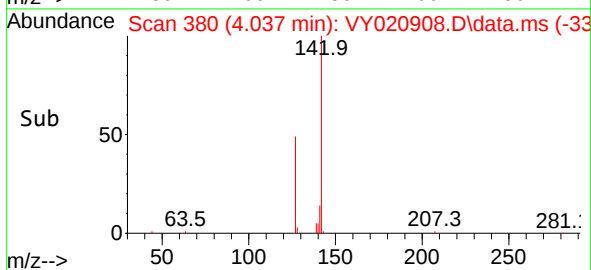
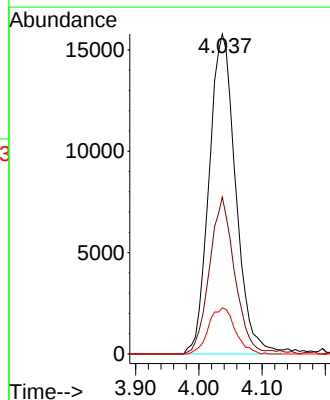
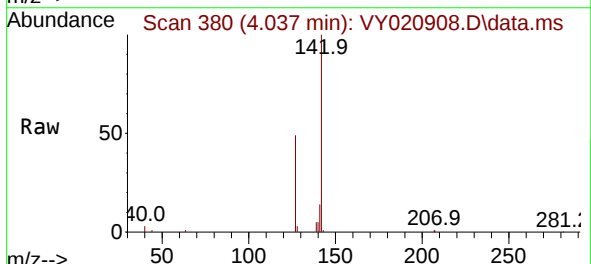
Instrument :
MSVOA_Y
ClientSampleId :

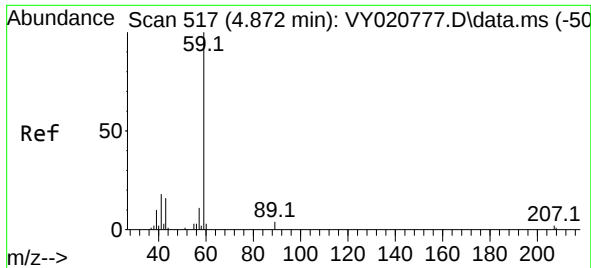
Tgt Ion:101 Resp: 38811
Ion Ratio Lower Upper
101 100
85 44.1 35.9 53.9
151 83.3 66.9 100.3



#10
Methyl Iodide
Concen: 19.236 ug/l
RT: 4.037 min Scan# 380
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

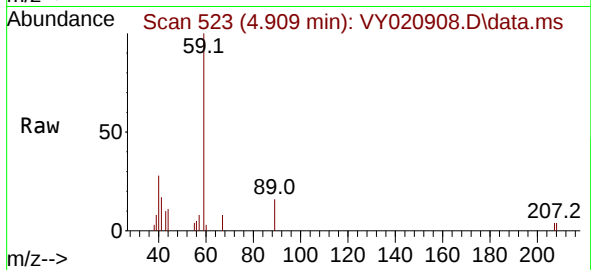
Tgt Ion:142 Resp: 46023
Ion Ratio Lower Upper
142 100
127 47.0 41.0 61.6
141 14.5 11.6 17.4



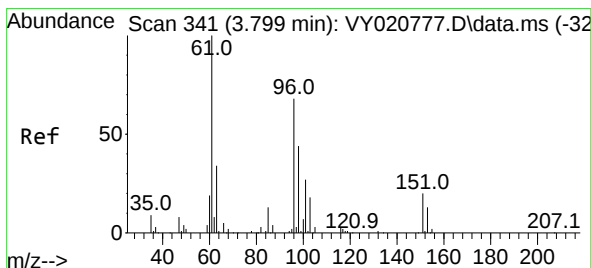
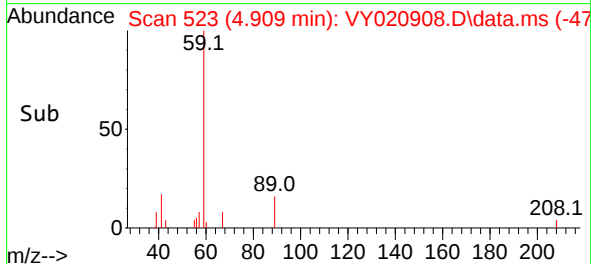
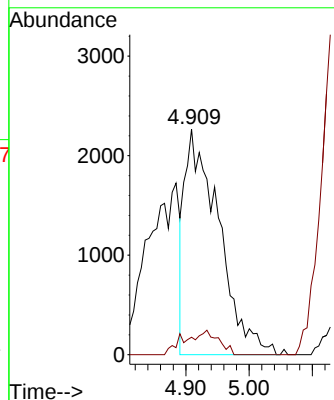


#11
Tert butyl alcohol
Concen: 52.455 ug/l
RT: 4.909 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

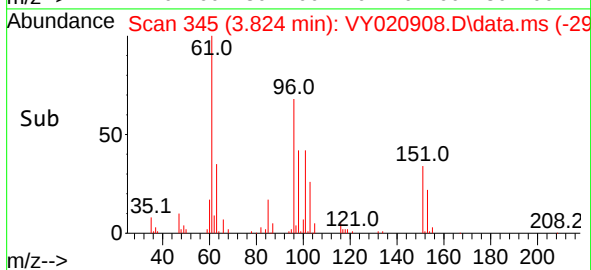
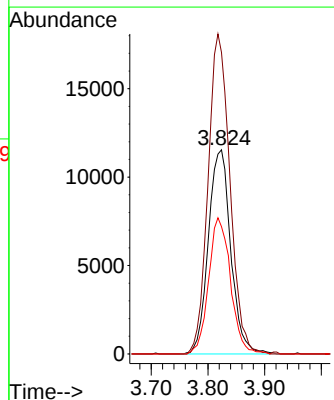
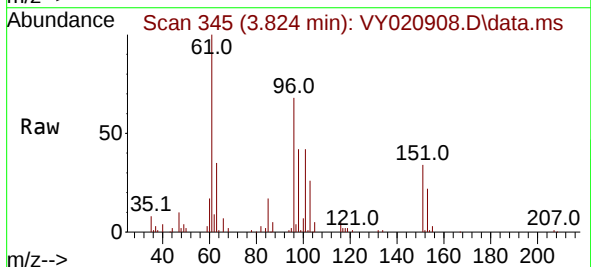


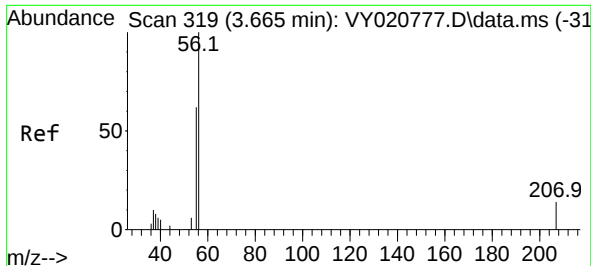
Tgt Ion: 59 Resp: 8448
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 16.228 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 96 Resp: 31734
Ion Ratio Lower Upper
96 100
61 147.7 117.8 176.8
98 62.4 51.9 77.9

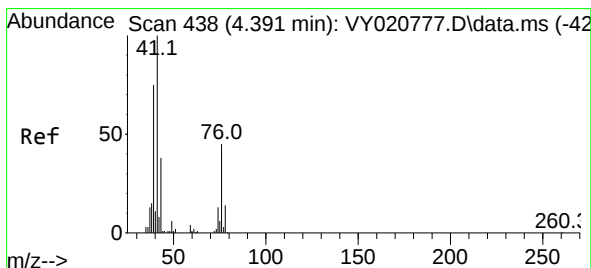
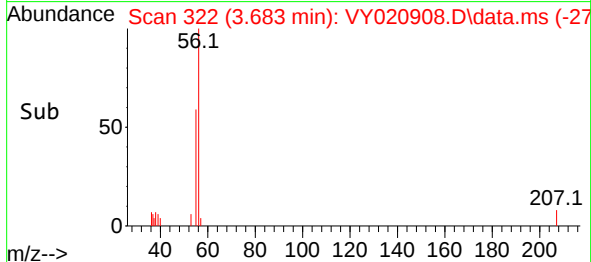
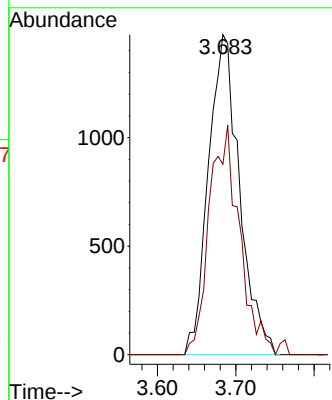
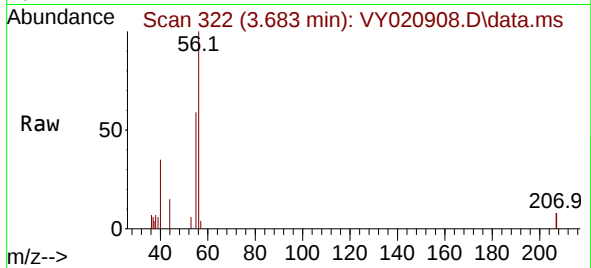




#13
Acrolein
Concen: 90.076 ug/l
RT: 3.683 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

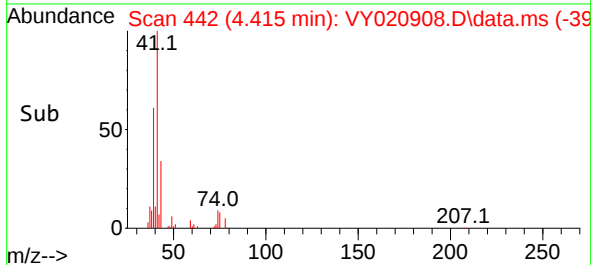
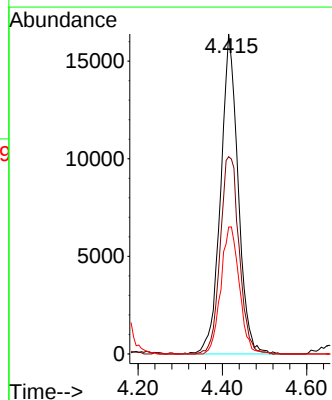
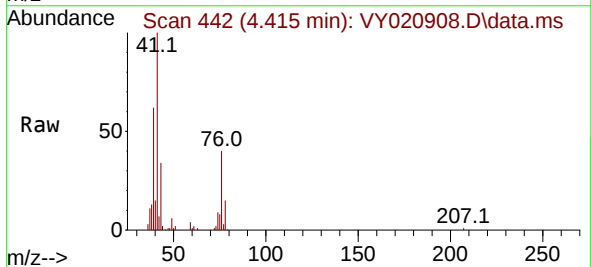
Instrument :
MSVOA_Y
ClientSampleId :

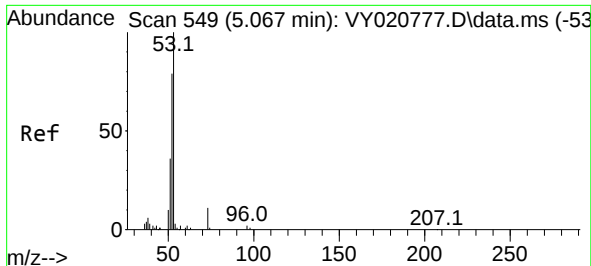
Tgt Ion: 56 Resp: 4074
Ion Ratio Lower Upper
56 100
55 69.4 58.1 87.1



#14
Allyl chloride
Concen: 16.685 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 41 Resp: 47072
Ion Ratio Lower Upper
41 100
39 66.7 57.5 86.3
76 42.0 35.6 53.4

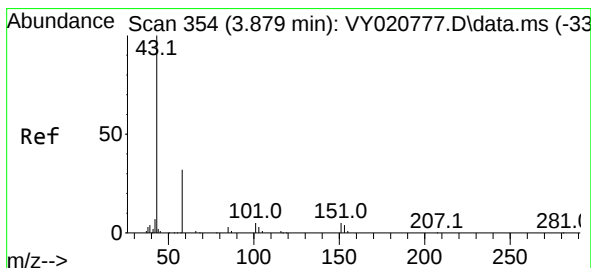
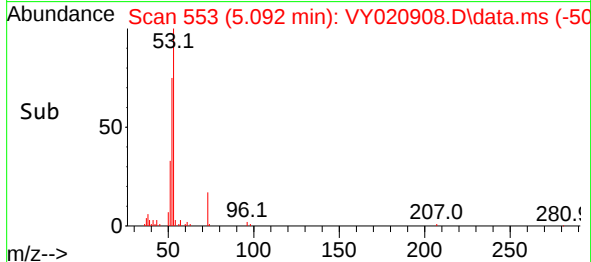
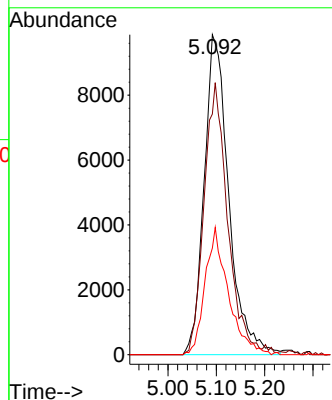
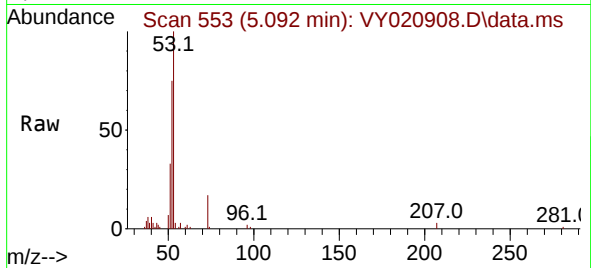




#15
Acrylonitrile
Concen: 79.366 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

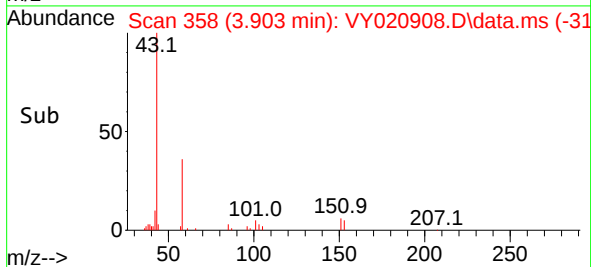
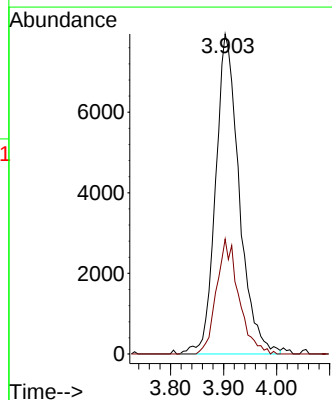
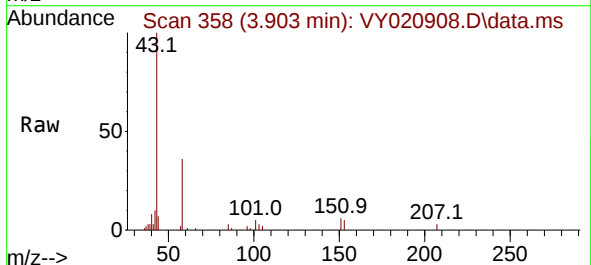
Instrument :
MSVOA_Y
ClientSampleId :

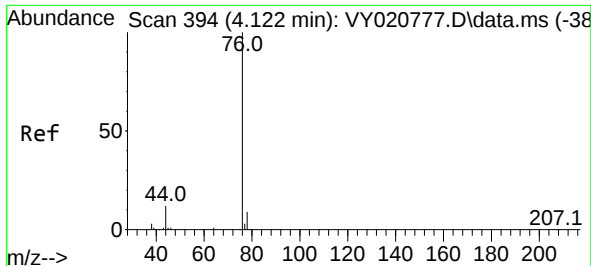
Tgt Ion: 53 Resp: 34873
Ion Ratio Lower Upper
53 100
52 81.3 64.3 96.5
51 37.6 29.3 43.9



#16
Acetone
Concen: 81.171 ug/l
RT: 3.903 min Scan# 358
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 43 Resp: 24602
Ion Ratio Lower Upper
43 100
58 35.9 26.7 40.1

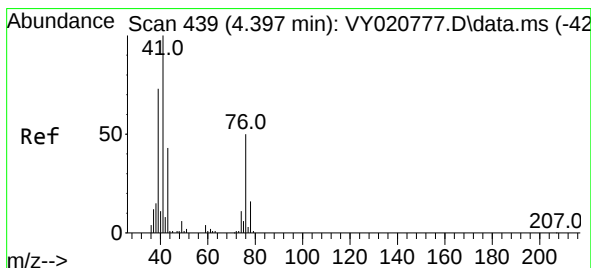
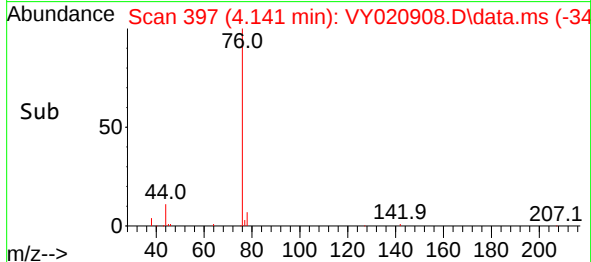
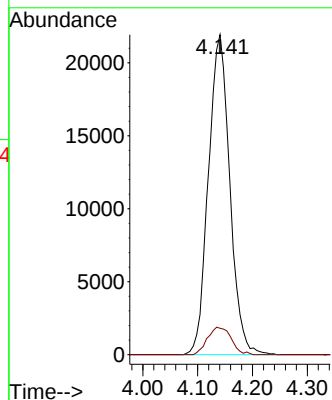
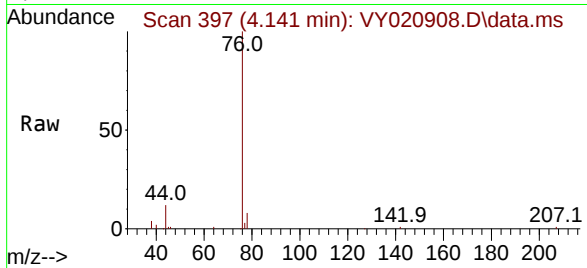




#17
Carbon Disulfide
Concen: 14.016 ug/l
RT: 4.141 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

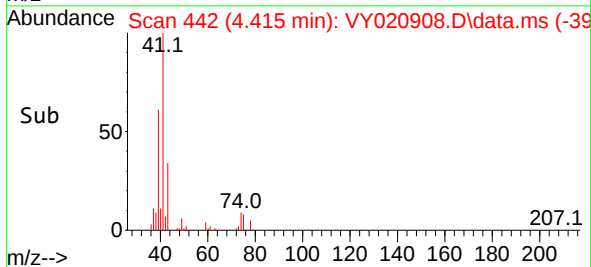
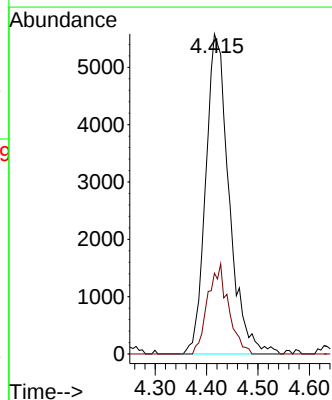
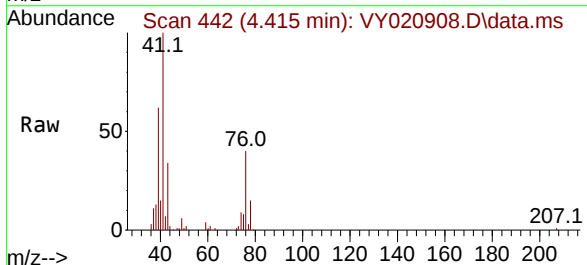
Instrument :
MSVOA_Y
ClientSampleId :

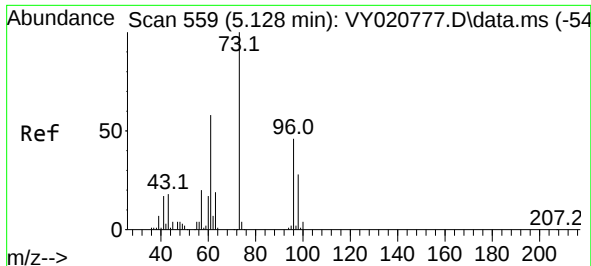
Tgt Ion: 76 Resp: 59460
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 17.224 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 43 Resp: 17627
Ion Ratio Lower Upper
43 100
74 25.0 23.0 34.6

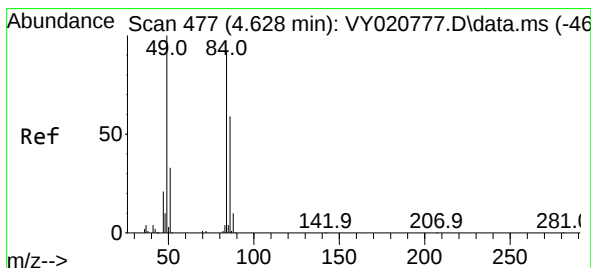
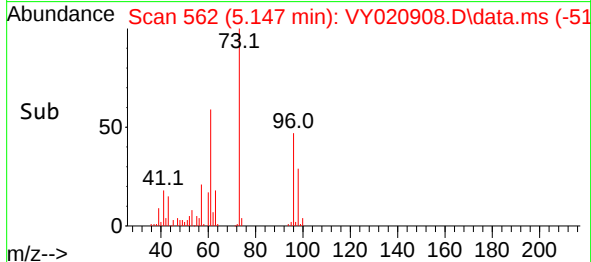
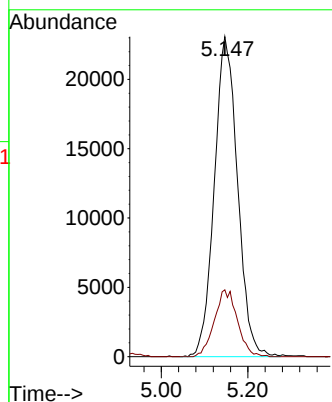
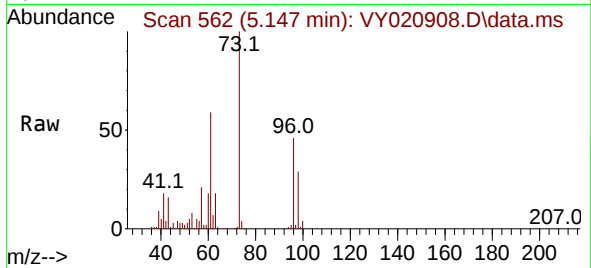




#19
Methyl tert-butyl Ether
Concen: 15.598 ug/l
RT: 5.147 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

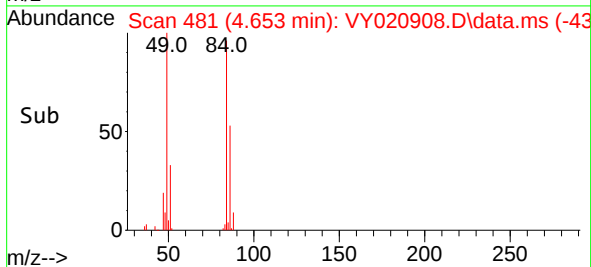
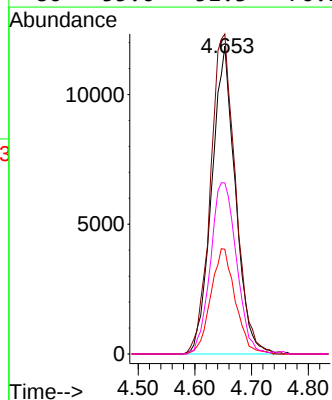
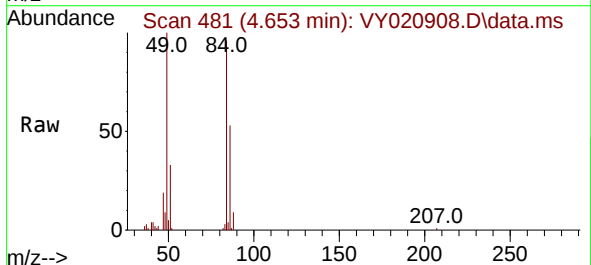
Instrument :
MSVOA_Y
ClientSampleId :

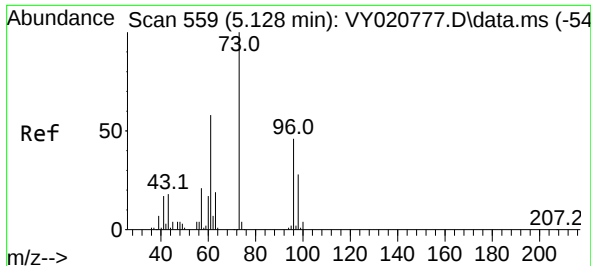
Tgt Ion: 73 Resp: 86083
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6



#20
Methylene Chloride
Concen: 16.425 ug/l
RT: 4.653 min Scan# 481
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 84 Resp: 34380
Ion Ratio Lower Upper
84 100
49 104.0 86.7 130.1
51 34.0 28.4 42.6
86 55.6 51.3 76.9

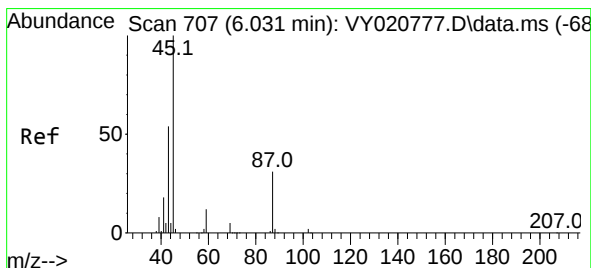
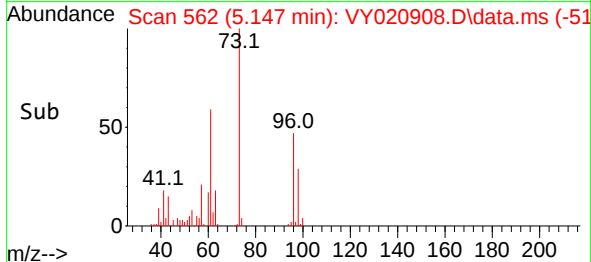
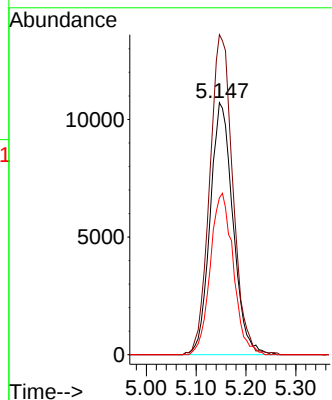
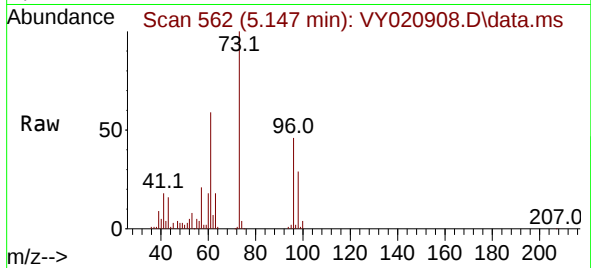




#21
trans-1,2-Dichloroethene
Concen: 15.838 ug/l
RT: 5.147 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

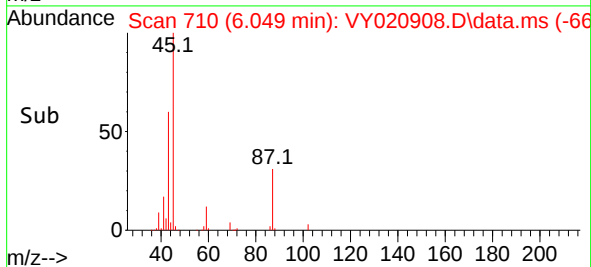
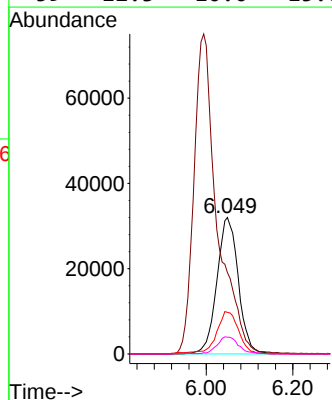
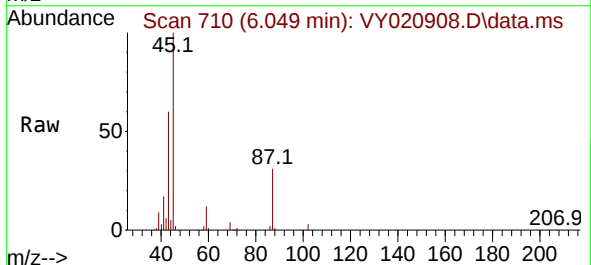
Instrument :
MSVOA_Y
ClientSampleId :

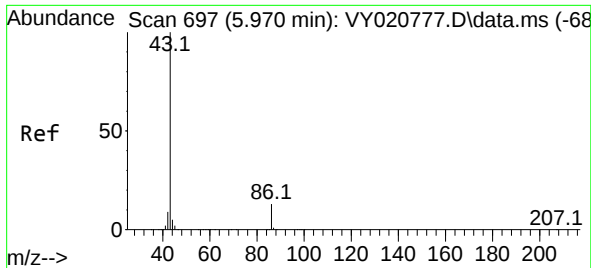
Tgt Ion: 96 Resp: 34107
Ion Ratio Lower Upper
96 100
61 127.0 101.6 152.4
98 62.3 49.4 74.2



#22
Diisopropyl ether
Concen: 18.309 ug/l
RT: 6.049 min Scan# 710
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 45 Resp: 110034
Ion Ratio Lower Upper
45 100
43 59.0 43.9 65.9
87 30.5 25.3 37.9
59 12.3 10.0 15.0

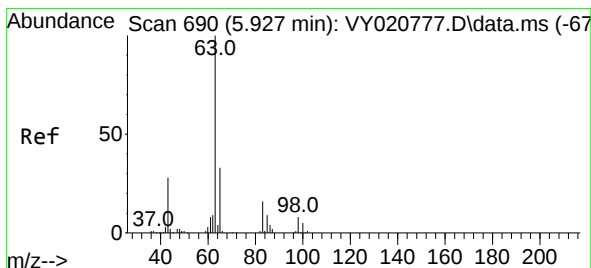
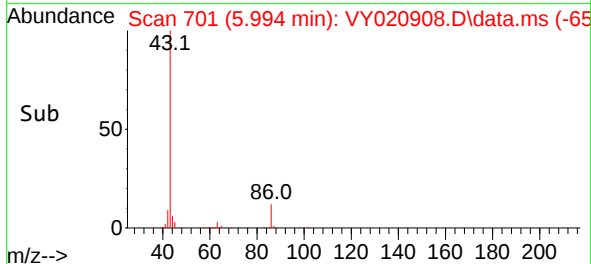
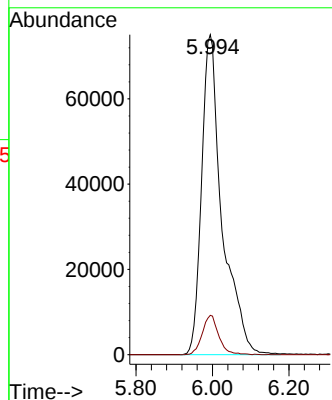
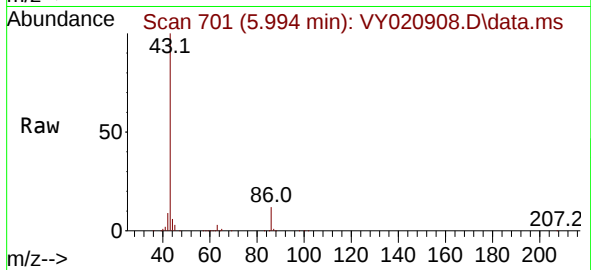




#23
 Vinyl Acetate
 Concen: 84.304 ug/l
 RT: 5.994 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

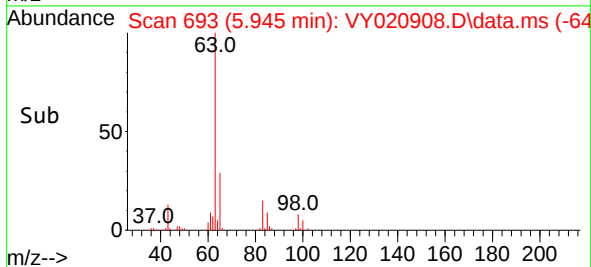
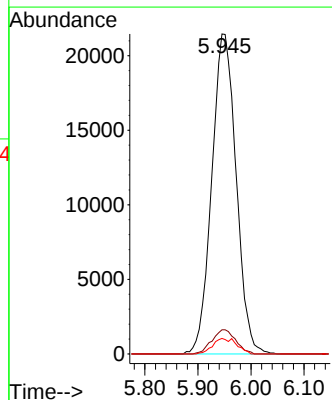
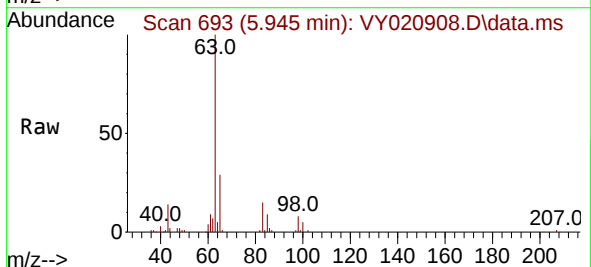
Instrument :
 MSVOA_Y
 ClientSampleId :

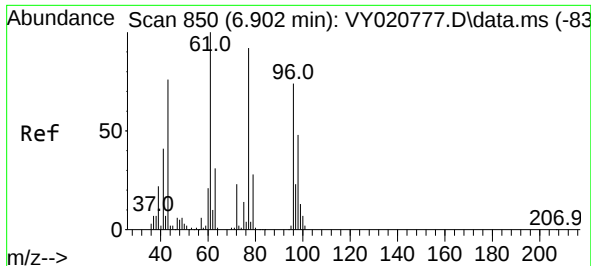
Tgt Ion: 43 Resp: 279354
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 17.300 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. -0.012 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion: 63 Resp: 68597
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 80.778 ug/l

RT: 6.927 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

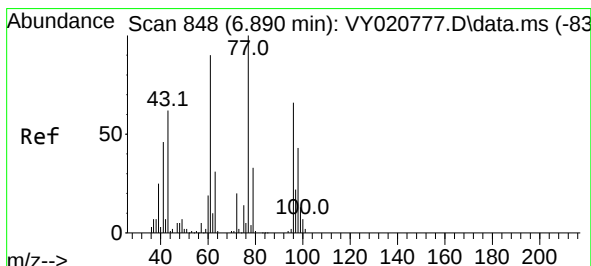
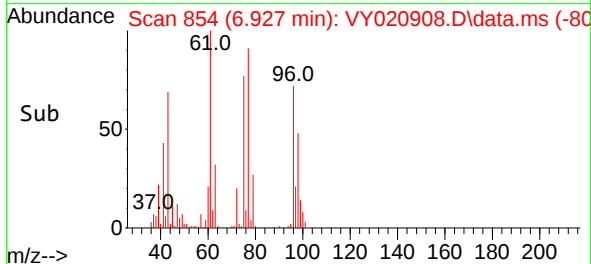
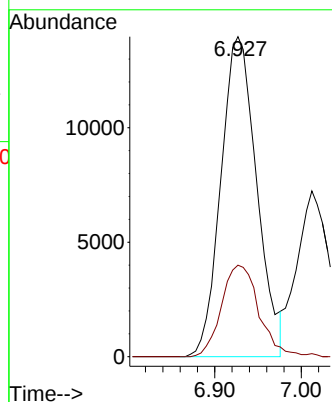
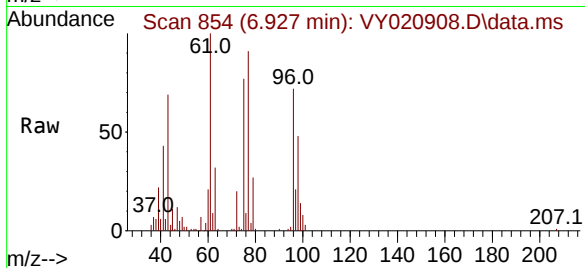
ClientSampleId :

Tgt Ion: 43 Resp: 40217

Ion Ratio Lower Upper

43 100

72 28.6 24.0 36.0



#26

2,2-Dichloropropane

Concen: 16.654 ug/l

RT: 6.915 min Scan# 852

Delta R.T. -0.012 min

Lab File: VY020908.D

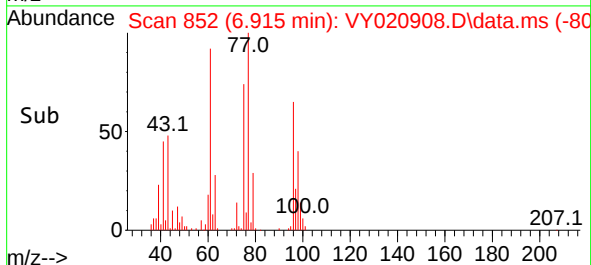
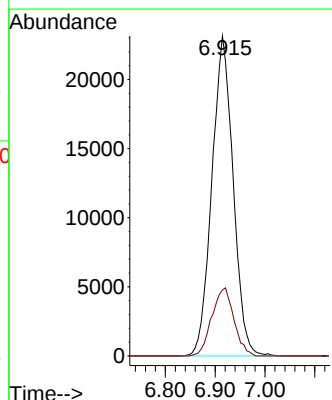
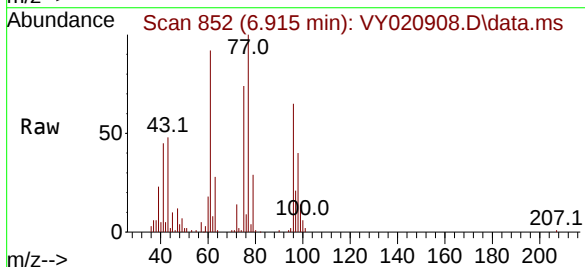
Acq: 23 Jan 2025 10:52

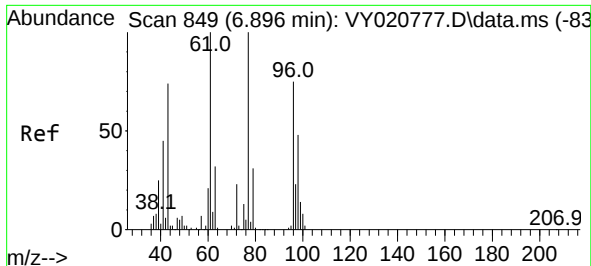
Tgt Ion: 77 Resp: 68559

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 16.394 ug/l

RT: 6.921 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

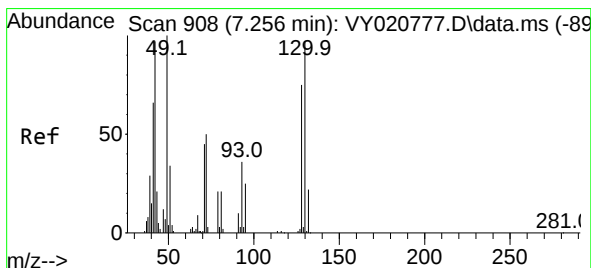
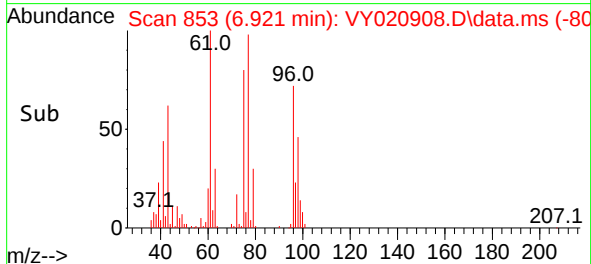
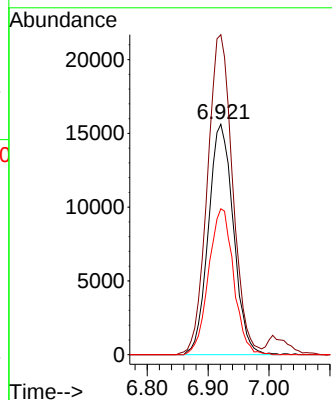
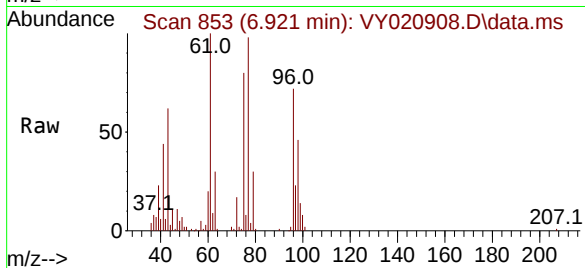
Tgt Ion: 96 Resp: 44543

Ion Ratio Lower Upper

96 100

61 140.2 0.0 271.4

98 63.3 0.0 129.0



#28

Bromochloromethane

Concen: 15.788 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.012 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

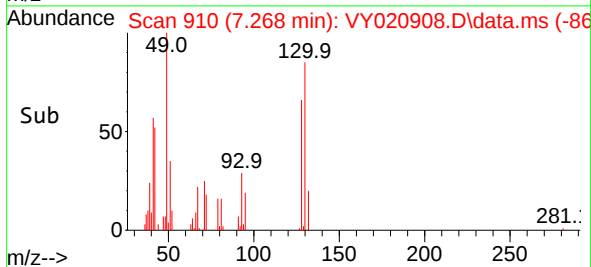
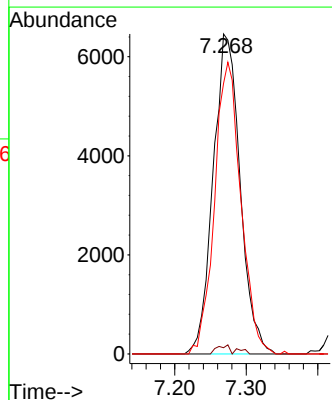
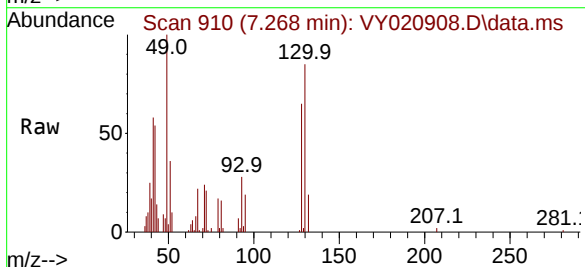
Tgt Ion: 49 Resp: 16892

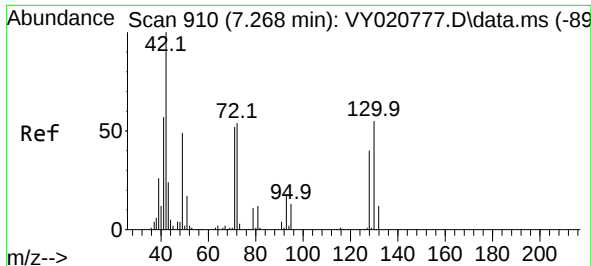
Ion Ratio Lower Upper

49 100

129 1.2 0.0 5.2

130 89.1 77.8 116.6





#29

Tetrahydrofuran

Concen: 81.603 ug/l

RT: 7.293 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

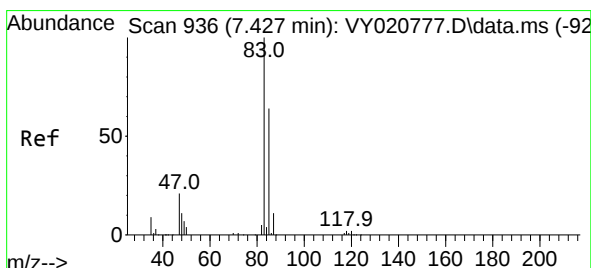
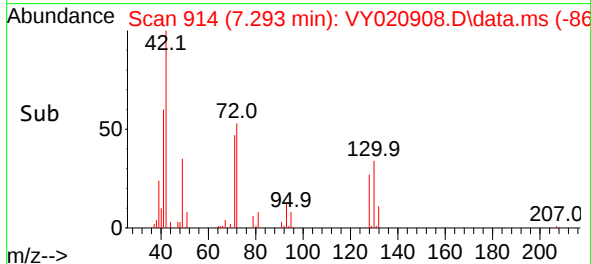
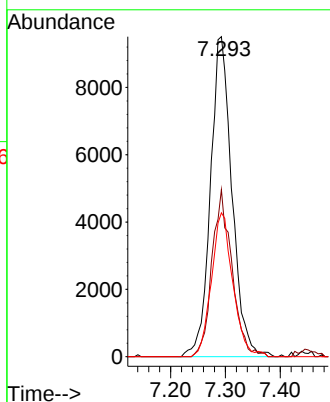
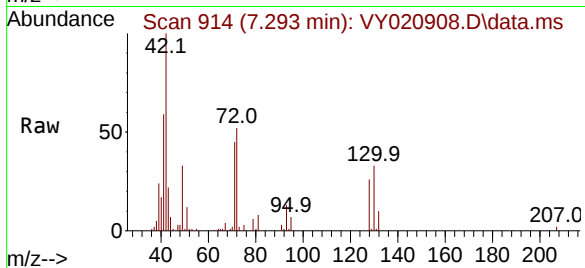
Tgt Ion: 42 Resp: 25953

Ion Ratio Lower Upper

42 100

72 48.4 41.8 62.6

71 44.7 39.8 59.8



#30

Chloroform

Concen: 16.406 ug/l

RT: 7.445 min Scan# 939

Delta R.T. -0.012 min

Lab File: VY020908.D

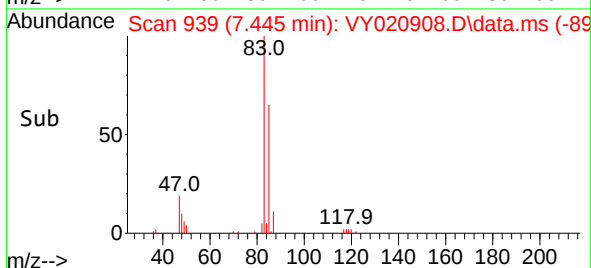
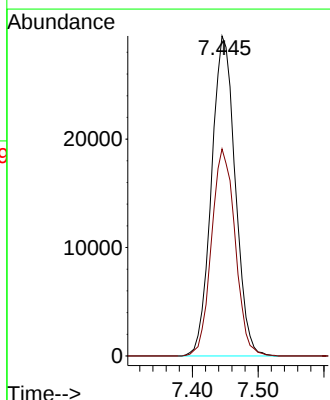
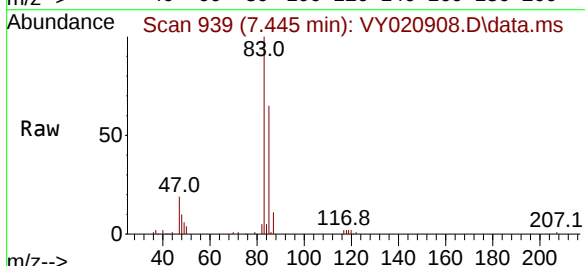
Acq: 23 Jan 2025 10:52

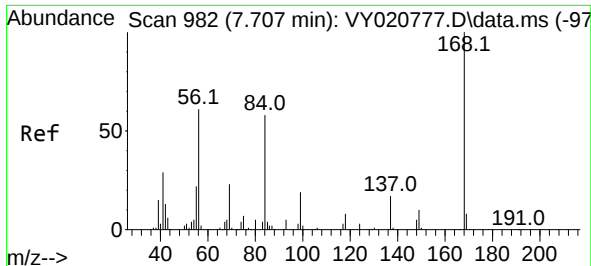
Tgt Ion: 83 Resp: 74184

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

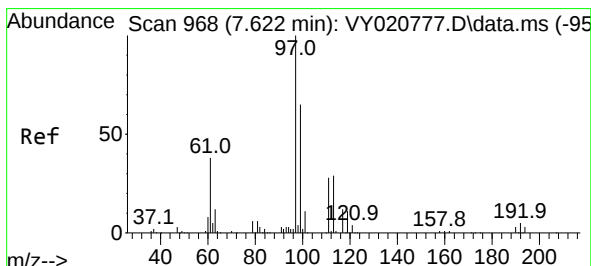
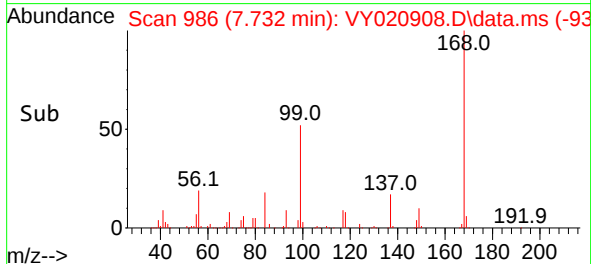
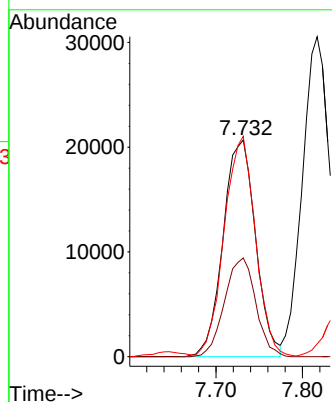
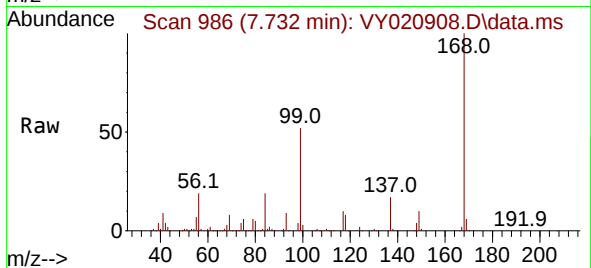




#31
Cyclohexane
Concen: 17.362 ug/l
RT: 7.732 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

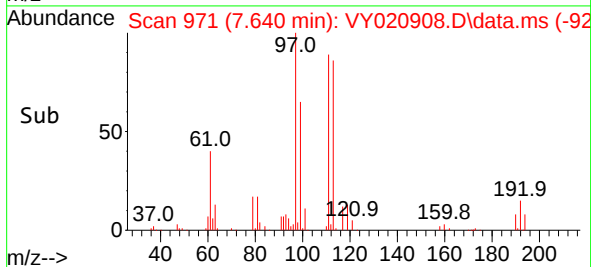
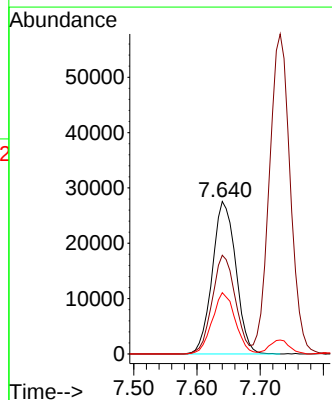
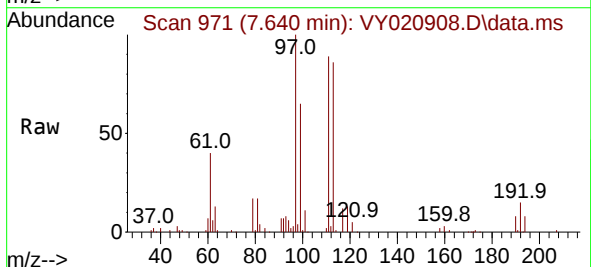
Instrument :
MSVOA_Y
ClientSampleId :

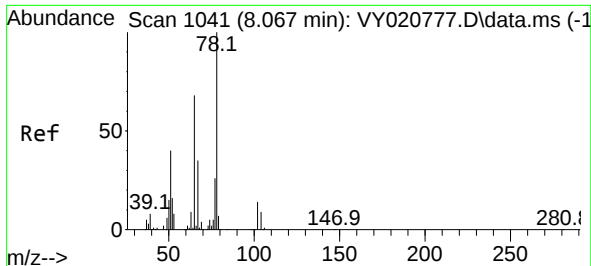
Tgt Ion: 56 Resp: 53848
Ion Ratio Lower Upper
56 100
69 45.6 30.5 45.7
84 100.1 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 16.143 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 97 Resp: 71201
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 39.4 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 51.009 ug/l

RT: 8.085 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

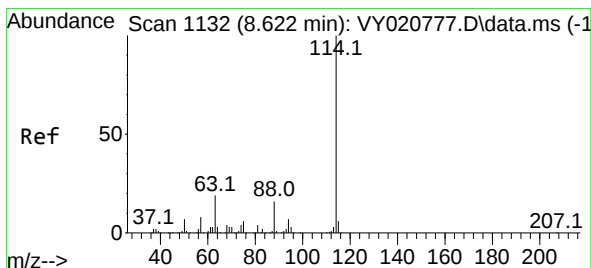
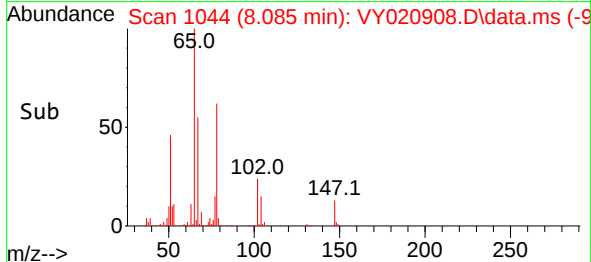
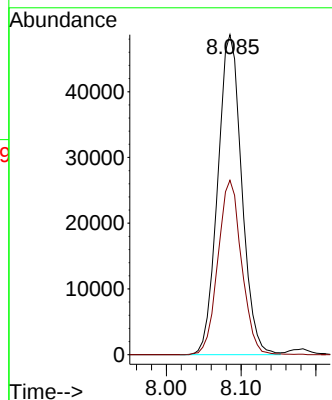
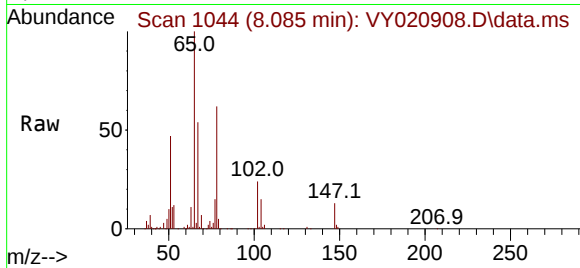
ClientSampleId :

Tgt Ion: 65 Resp: 108719

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

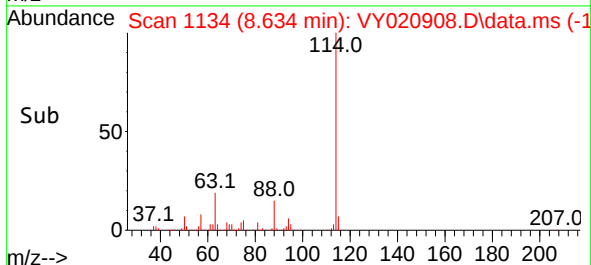
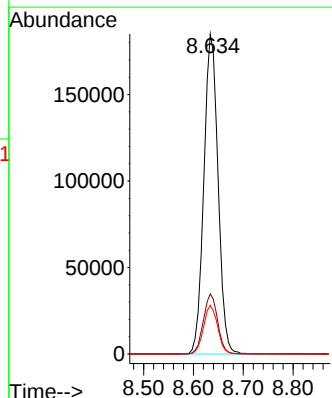
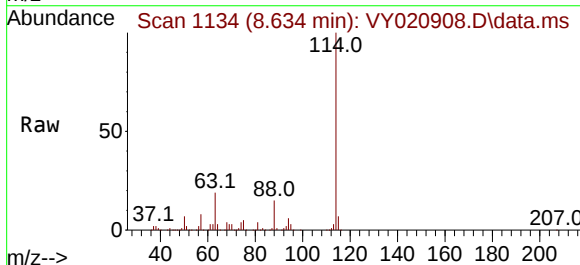
Tgt Ion: 114 Resp: 365684

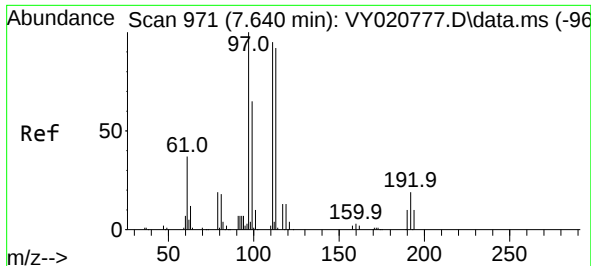
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.2 0.0 31.2

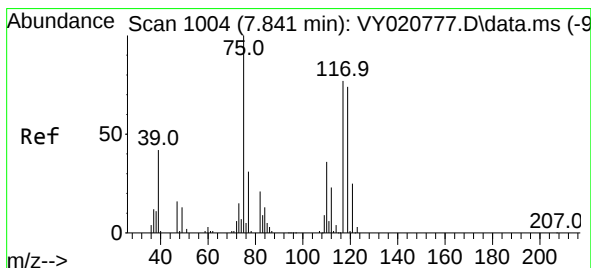
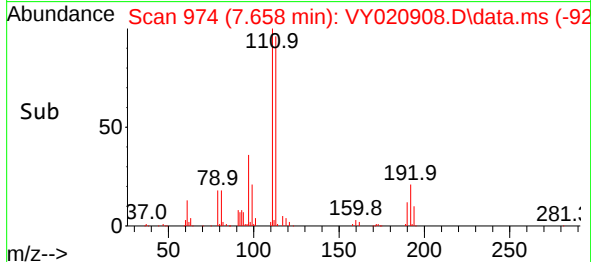
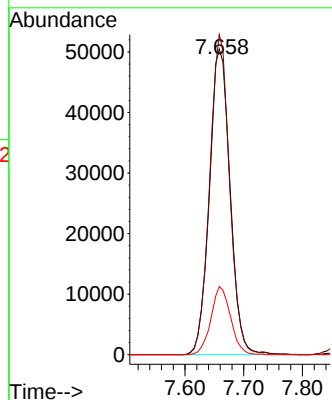
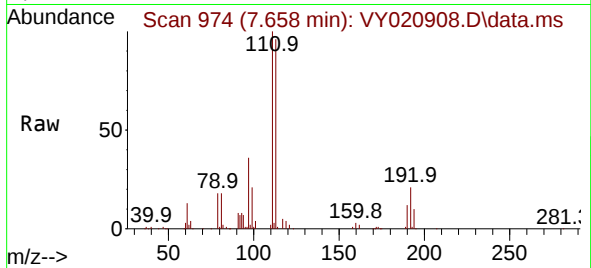




#35
Dibromofluoromethane
Concen: 53.803 ug/l
RT: 7.658 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

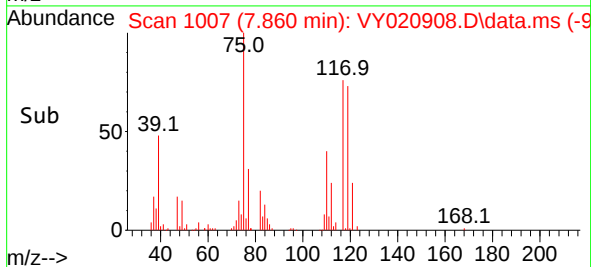
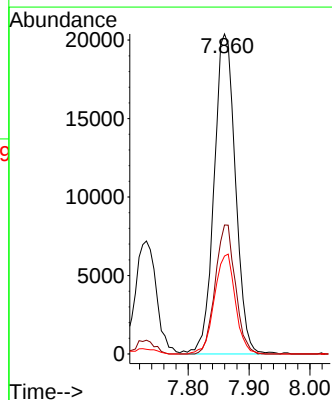
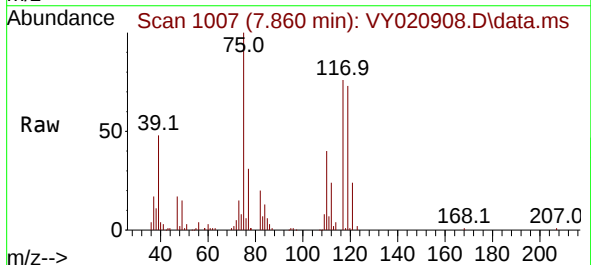
Instrument :
MSVOA_Y
ClientSampleId :

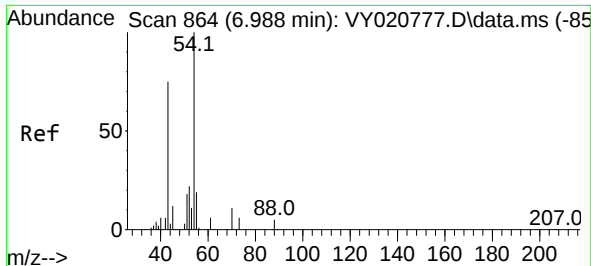
Tgt Ion:113 Resp: 123261
Ion Ratio Lower Upper
113 100
111 101.6 81.7 122.5
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 16.964 ug/l
RT: 7.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

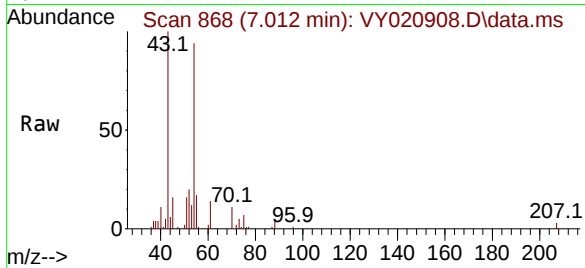
Tgt Ion: 75 Resp: 49570
Ion Ratio Lower Upper
75 100
110 38.0 18.5 55.5
77 30.6 25.0 37.4



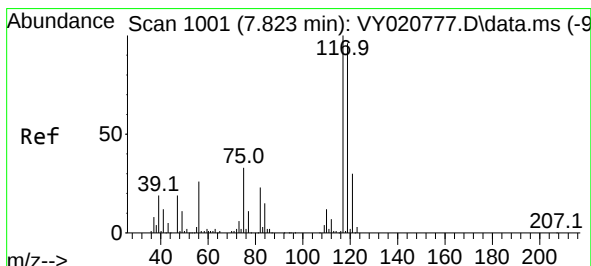
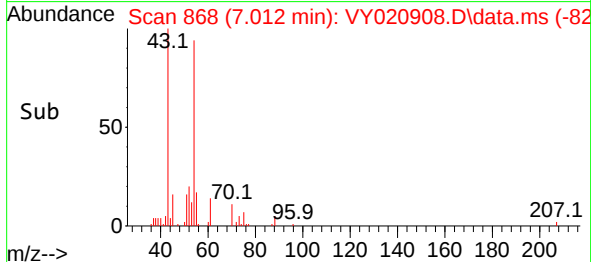
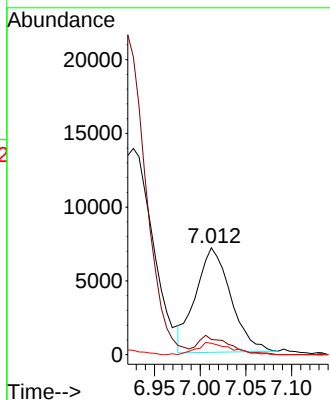


#37
Ethyl Acetate
Concen: 16.292 ug/l
RT: 7.012 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

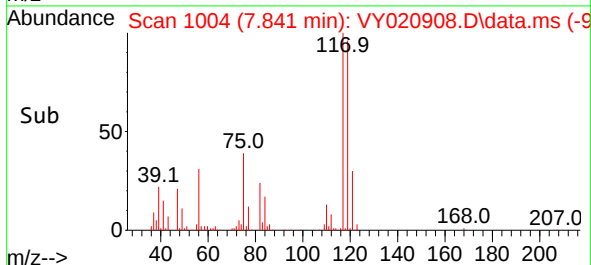
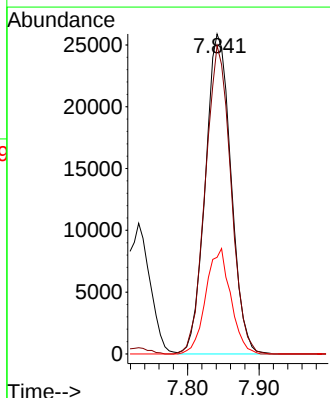
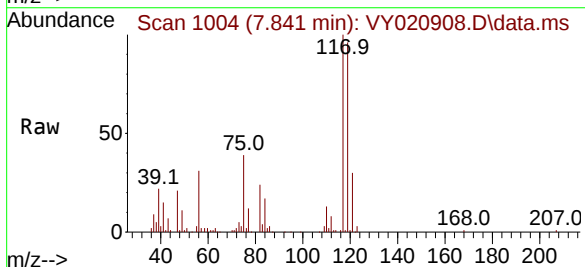


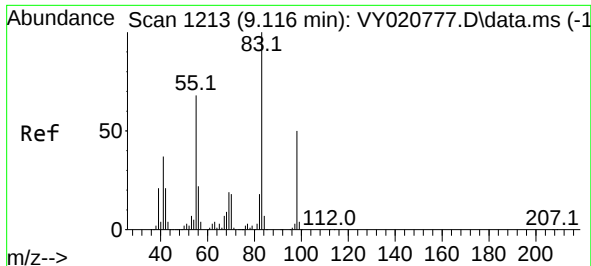
Tgt Ion: 43 Resp: 18945
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 11.3 9.8 14.8



#38
Carbon Tetrachloride
Concen: 15.874 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 117 Resp: 64569
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7
121 30.2 24.3 36.5





#39

Methylcyclohexane

Concen: 16.465 ug/l

RT: 9.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

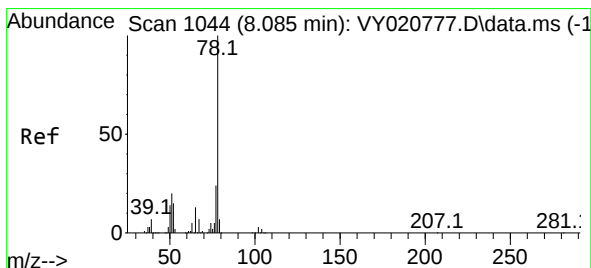
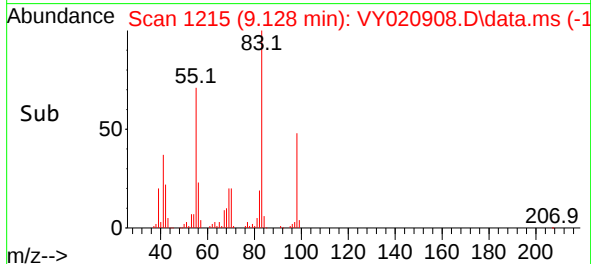
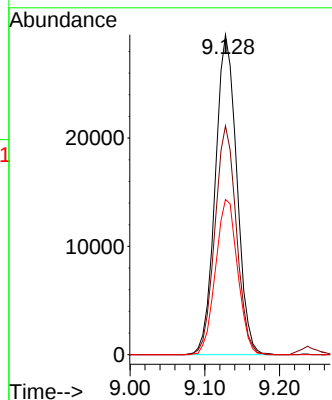
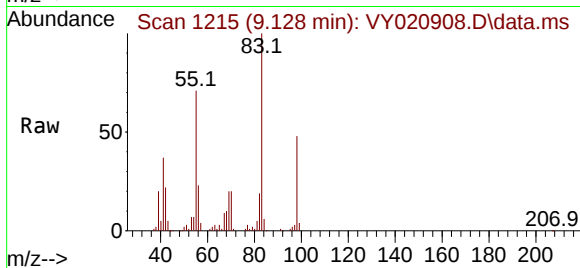
Tgt Ion: 83 Resp: 59040

Ion Ratio Lower Upper

83 100

55 71.5 54.8 82.2

98 48.5 40.0 60.0



#40

Benzene

Concen: 16.912 ug/l

RT: 8.103 min Scan# 1047

Delta R.T. -0.006 min

Lab File: VY020908.D

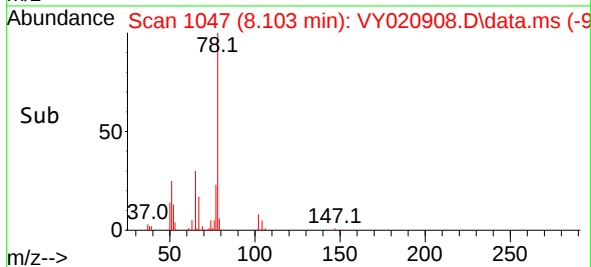
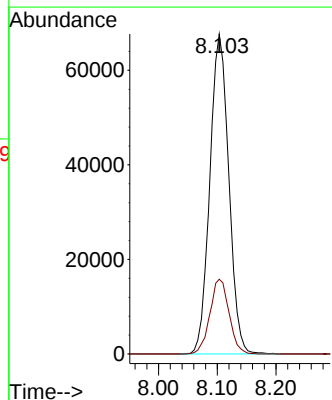
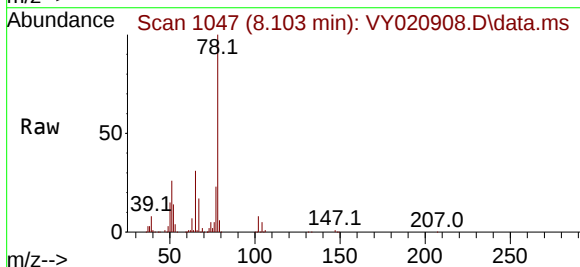
Acq: 23 Jan 2025 10:52

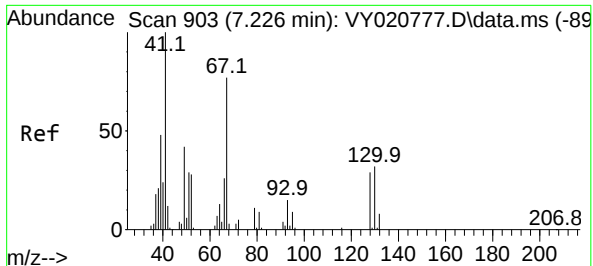
Tgt Ion: 78 Resp: 151670

Ion Ratio Lower Upper

78 100

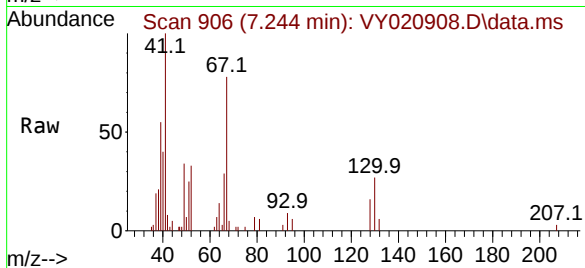
77 23.4 19.4 29.2



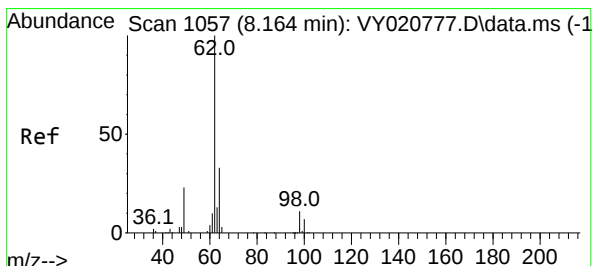
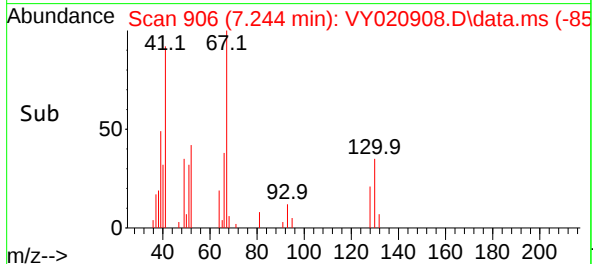
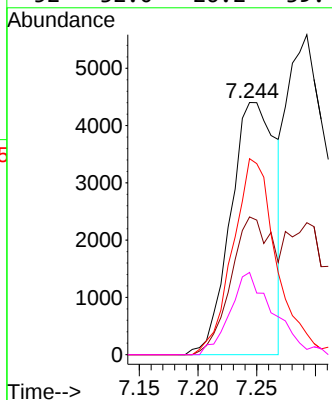


#41
Methacrylonitrile
Concen: 17.651 ug/l
RT: 7.244 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

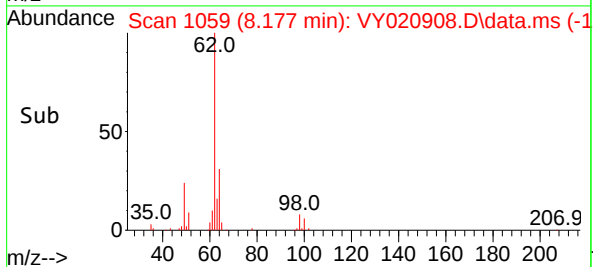
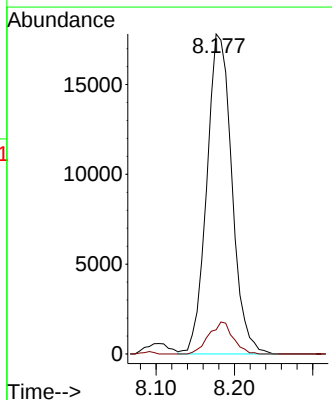
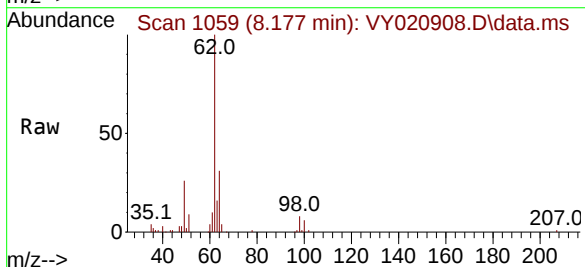


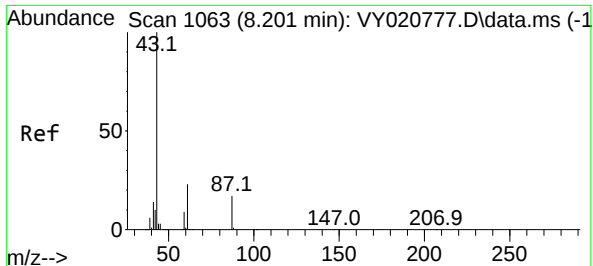
Tgt Ion: 41	Resp: 11755
Ion Ratio	Lower Upper
41 100	
39 51.6	42.4 63.6
67 76.0	67.8 101.8
52 32.0	26.2 39.4



#42
1,2-Dichloroethane
Concen: 16.204 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. -0.012 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 62	Resp: 39686
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 19.6





#43

Isopropyl Acetate

Concen: 16.566 ug/l

RT: 8.219 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

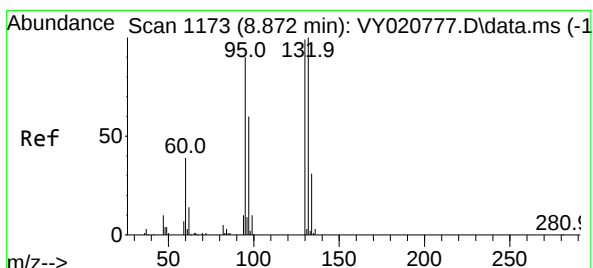
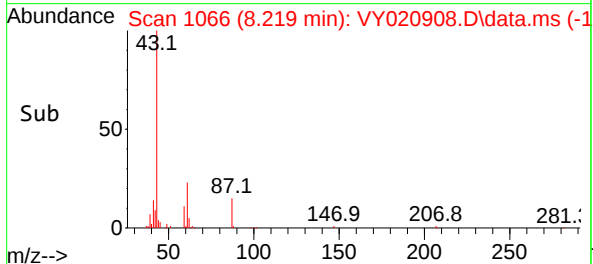
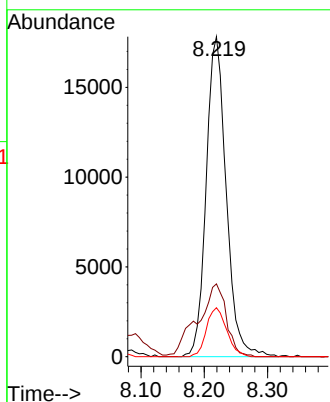
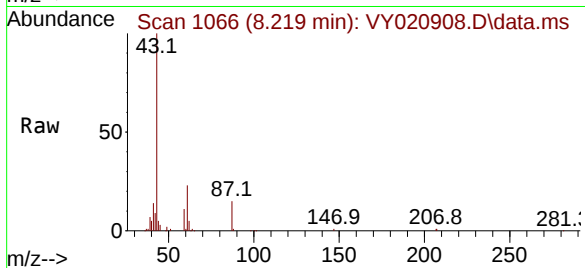
Tgt Ion: 43 Resp: 39182

Ion Ratio Lower Upper

43 100

61 32.5 26.5 39.7

87 15.5 13.4 20.0



#44

Trichloroethene

Concen: 16.740 ug/l

RT: 8.884 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VY020908.D

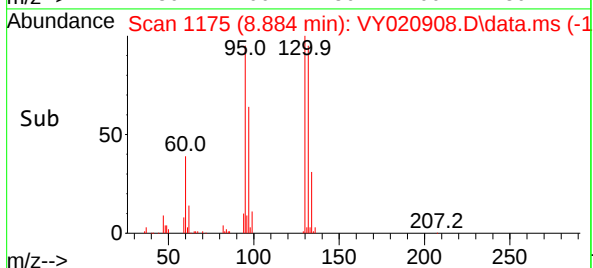
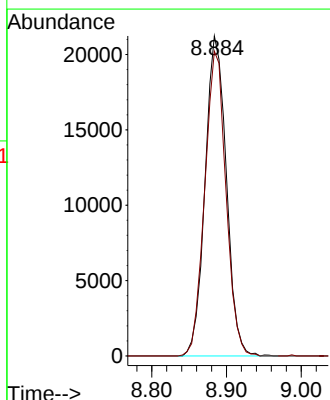
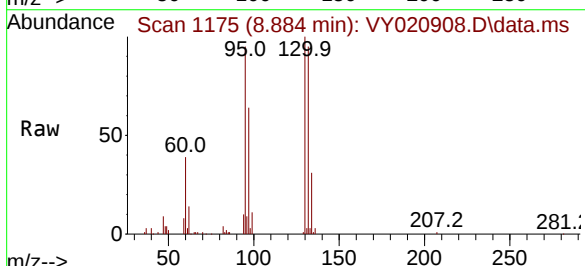
Acq: 23 Jan 2025 10:52

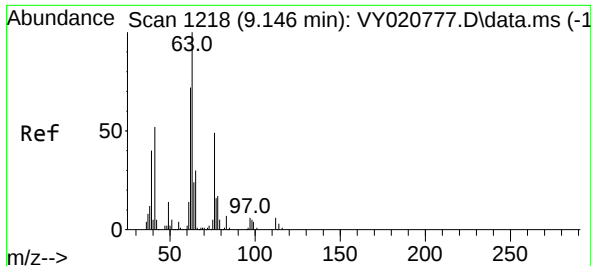
Tgt Ion:130 Resp: 41852

Ion Ratio Lower Upper

130 100

95 95.3 0.0 181.0





#45

1,2-Dichloropropane

Concen: 18.024 ug/l

RT: 9.158 min Scan# 1220

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

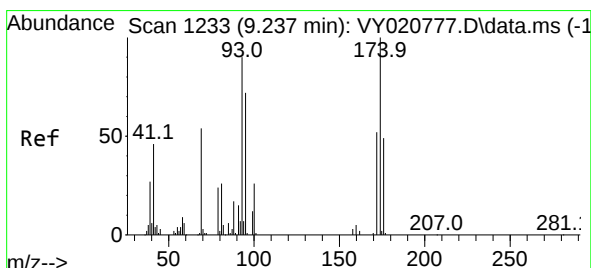
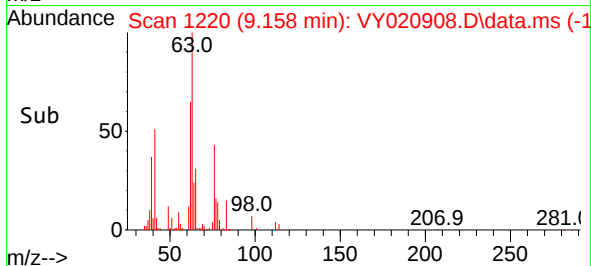
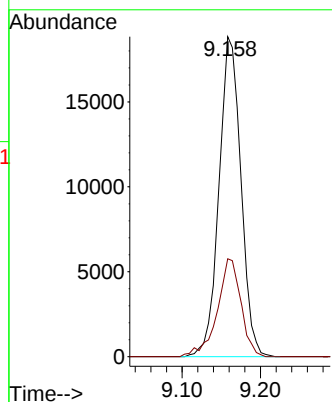
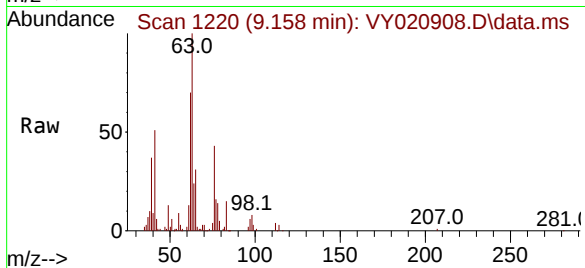
ClientSampleId :

Tgt Ion: 63 Resp: 36646

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#46

Dibromomethane

Concen: 16.417 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

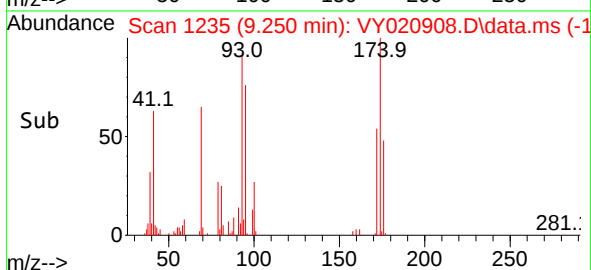
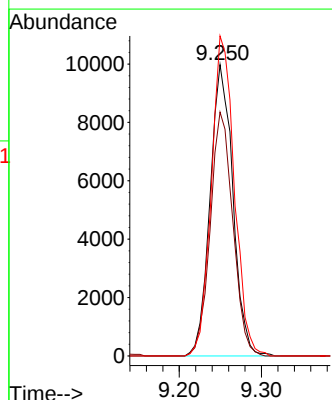
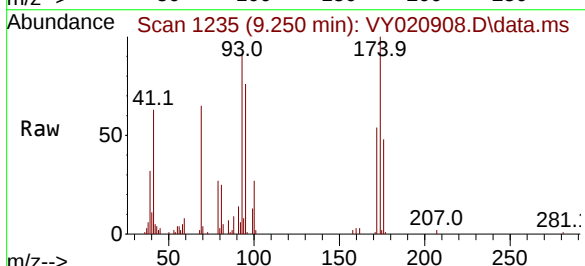
Tgt Ion: 93 Resp: 19167

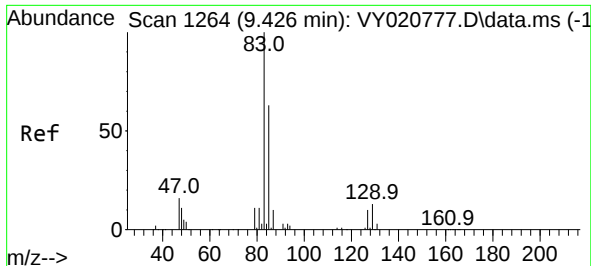
Ion Ratio Lower Upper

93 100

95 83.3 68.2 102.4

174 111.1 89.0 133.6

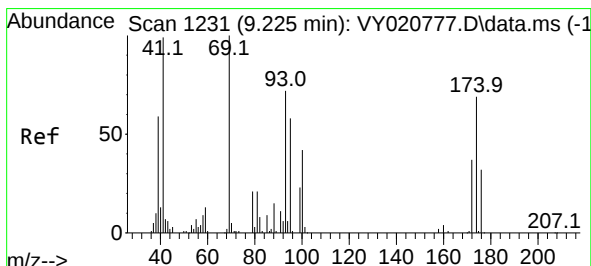
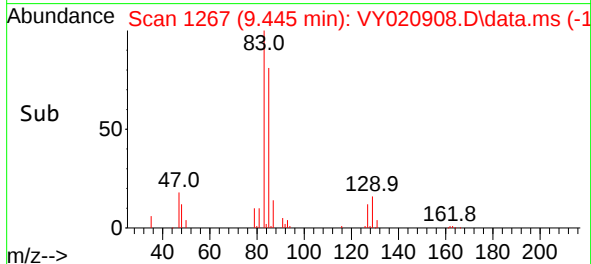
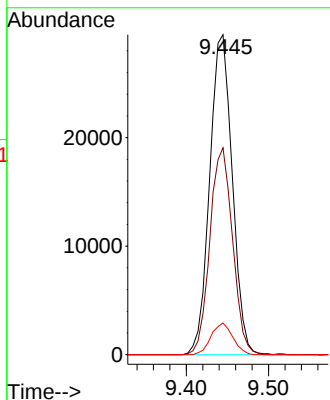
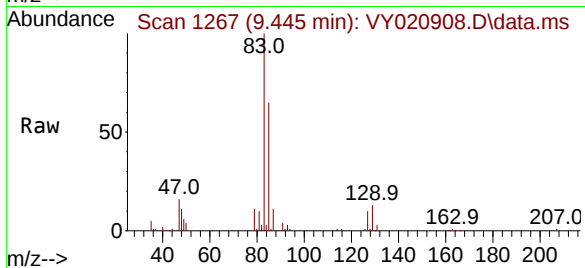




#47
Bromodichloromethane
Concen: 16.833 ug/l
RT: 9.445 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

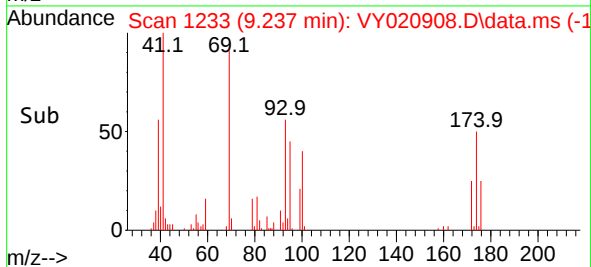
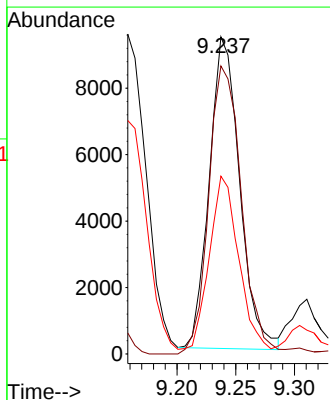
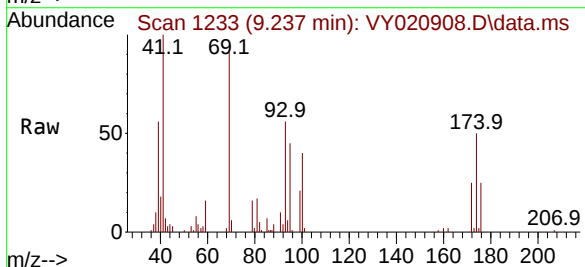
Instrument :
MSVOA_Y
ClientSampleId :

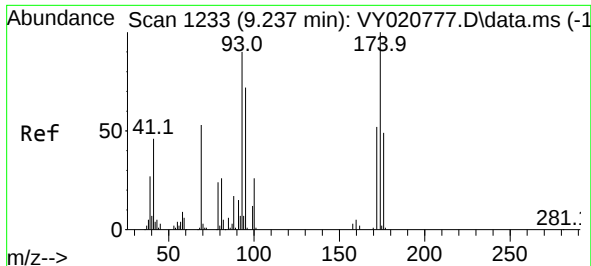
Tgt Ion: 83 Resp: 56284
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1
127 9.9 7.9 11.9



#48
Methyl methacrylate
Concen: 15.897 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

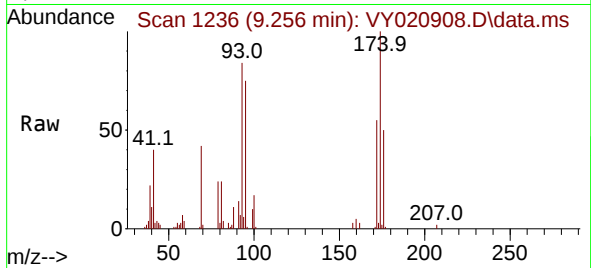
Tgt Ion: 41 Resp: 16857
Ion Ratio Lower Upper
41 100
69 99.4 78.9 118.3
39 56.7 44.6 67.0



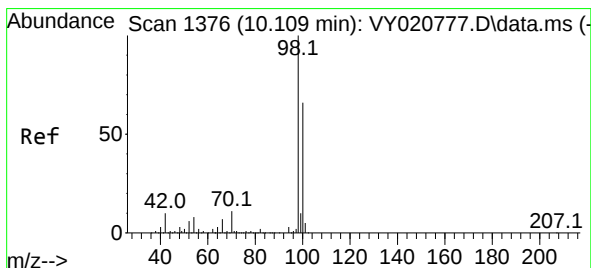
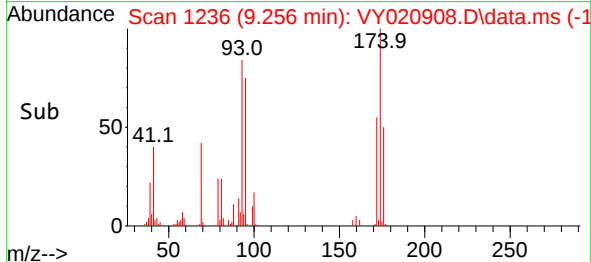
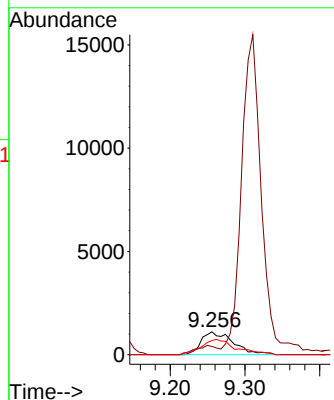


#49
1,4-Dioxane
Concen: 265.329 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

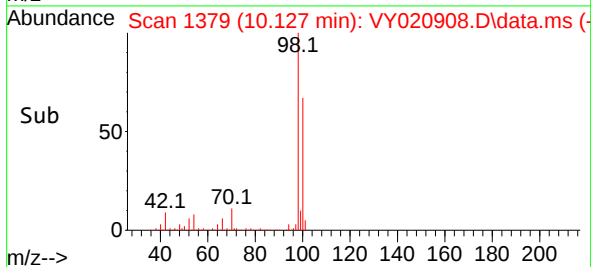
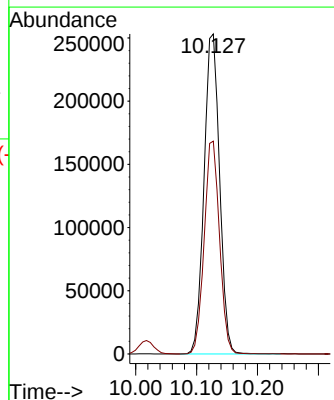
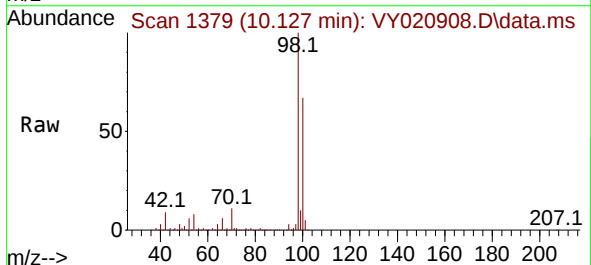


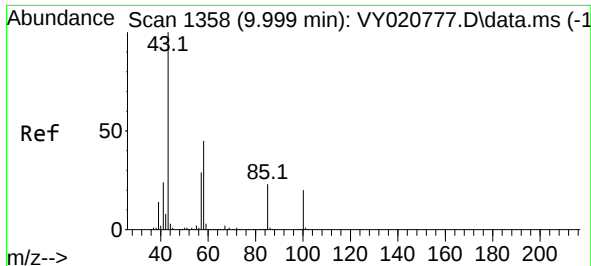
Tgt Ion: 88 Resp: 3289
Ion Ratio Lower Upper
88 100
43 28.6 24.4 36.6
58 71.9 51.0 76.6



#50
Toluene-d8
Concen: 56.209 ug/l
RT: 10.127 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 98 Resp: 448906
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

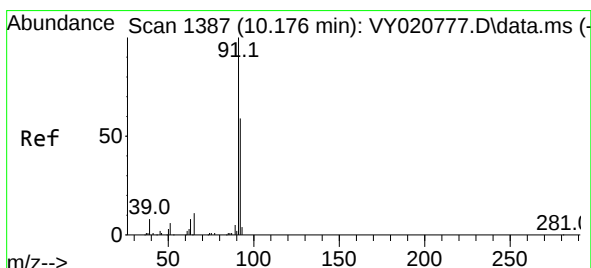
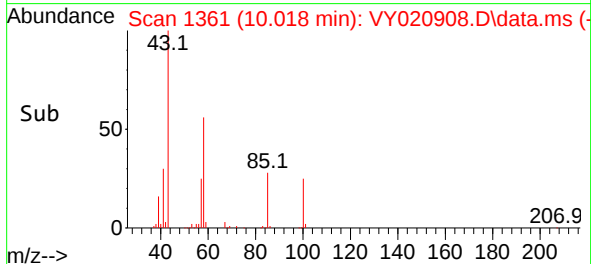
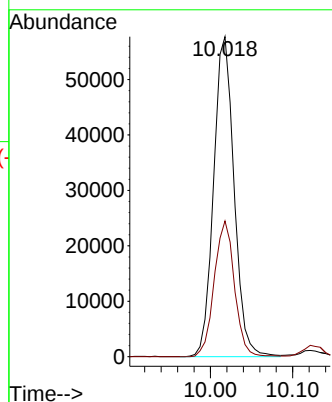
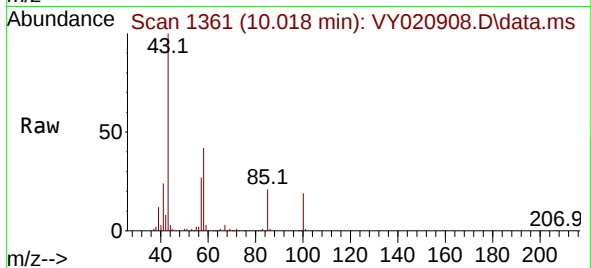




#51
4-Methyl-2-Pentanone
Concen: 84.661 ug/l
RT: 10.018 min Scan# 1361
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

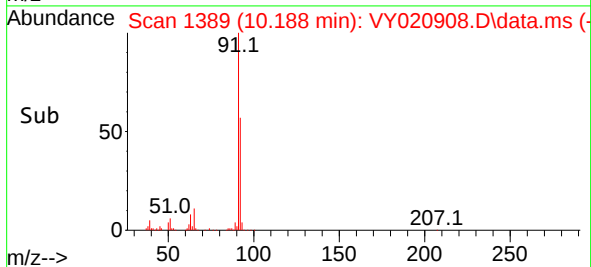
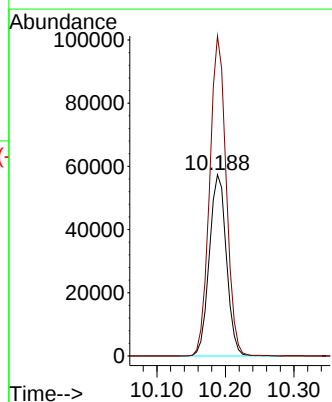
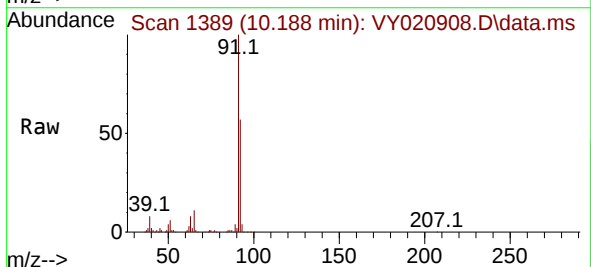
Instrument :
MSVOA_Y
ClientSampleId :

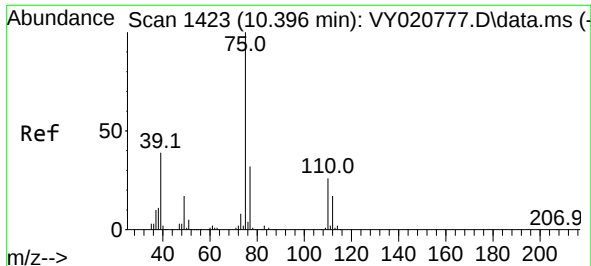
Tgt Ion: 43 Resp: 100038
Ion Ratio Lower Upper
43 100
58 41.9 34.8 52.2



#52
Toluene
Concen: 16.715 ug/l
RT: 10.188 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 92 Resp: 99271
Ion Ratio Lower Upper
92 100
91 171.4 136.6 204.8

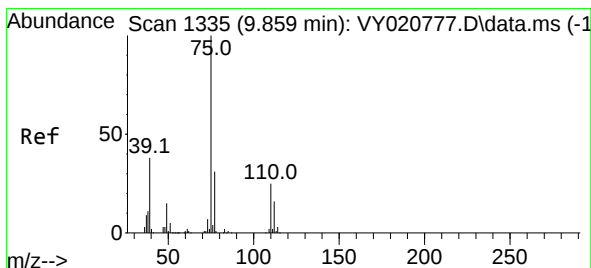
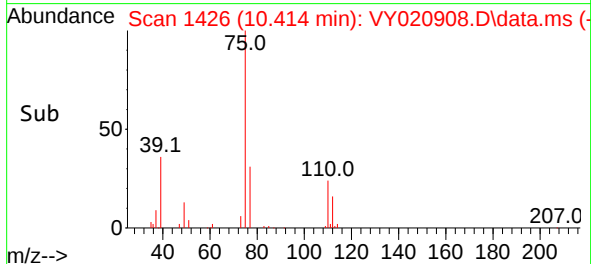
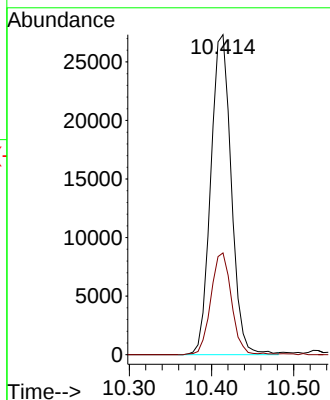
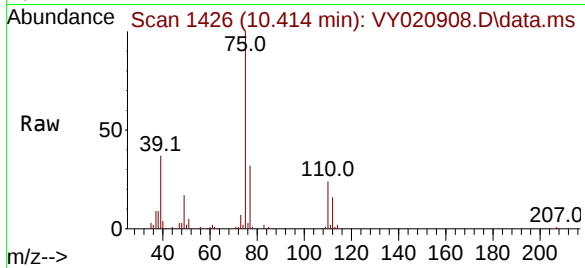




#53
 t-1,3-Dichloropropene
 Concen: 15.930 ug/l
 RT: 10.414 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

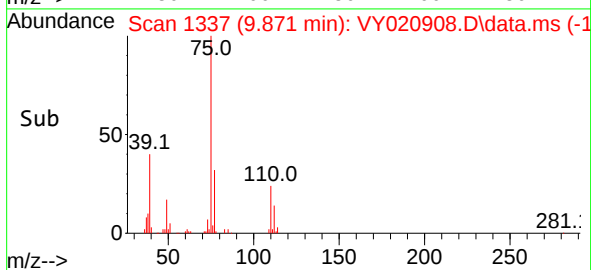
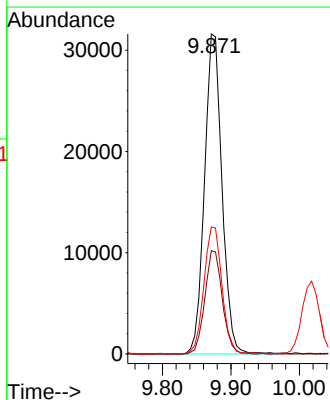
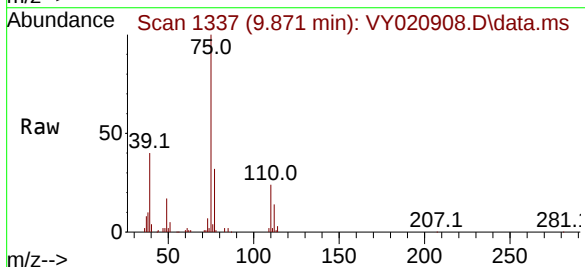
Instrument :
 MSVOA_Y
 ClientSampleId :

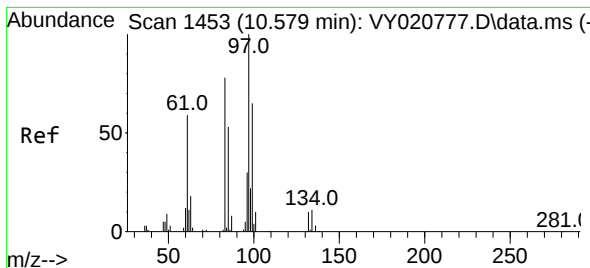
Tgt Ion: 75 Resp: 47373
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 16.294 ug/l
 RT: 9.871 min Scan# 1337
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion: 75 Resp: 56278
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7
 39 39.7 30.7 46.1

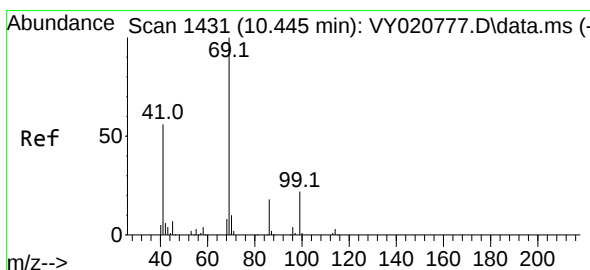
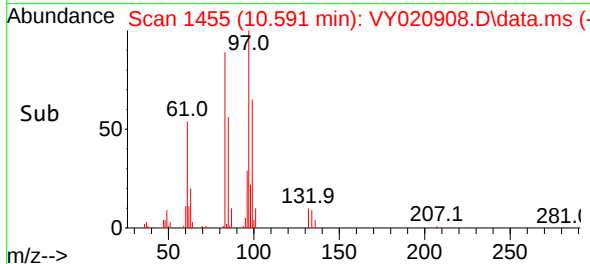
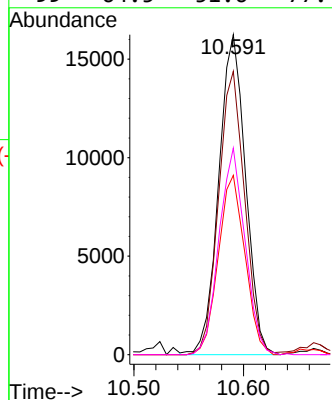
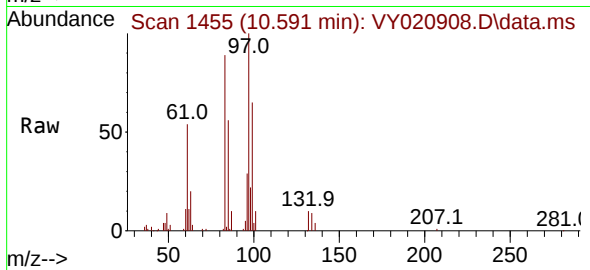




#55
 1,1,2-Trichloroethane
 Concen: 16.575 ug/l
 RT: 10.591 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

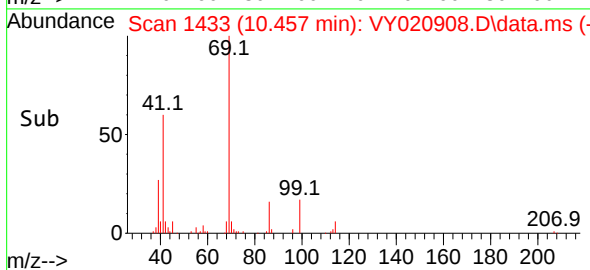
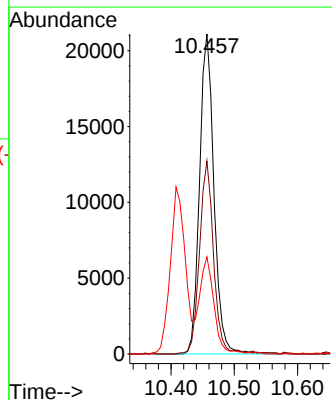
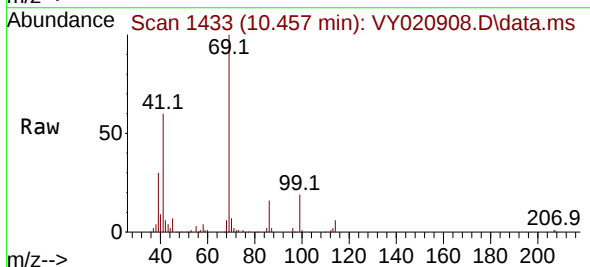
Instrument :
 MSVOA_Y
 ClientSampleId :

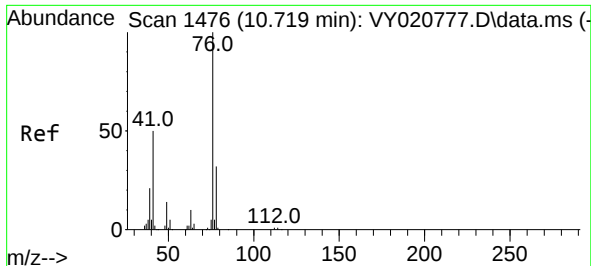
Tgt Ion: 97	Resp: 27646
Ion Ratio	Lower Upper
97 100	
83 88.5	62.8 94.2
85 56.0	42.4 63.6
99 64.5	51.6 77.4



#56
 Ethyl methacrylate
 Concen: 15.875 ug/l
 RT: 10.457 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion: 69	Resp: 33440		
Ion Ratio	Lower	Upper	
69 100			
41 58.8	46.6	69.8	
39 30.8	25.7	38.5	





#57

1,3-Dichloropropane

Concen: 17.153 ug/l

RT: 10.737 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

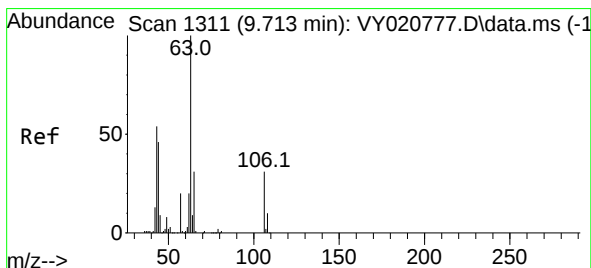
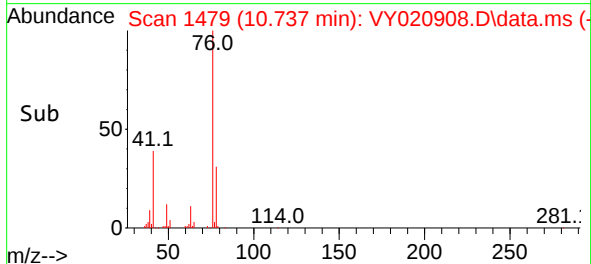
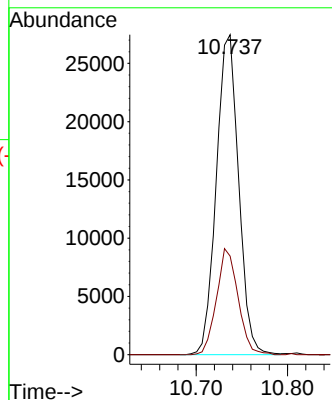
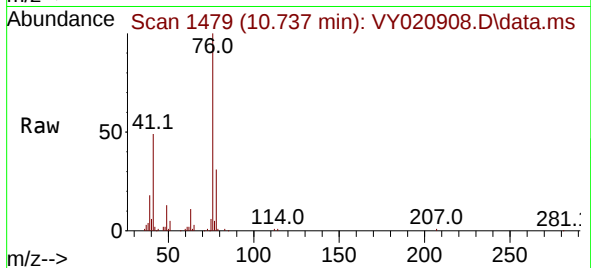
ClientSampleId :

Tgt Ion: 76 Resp: 46636

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 73.745 ug/l

RT: 9.731 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VY020908.D

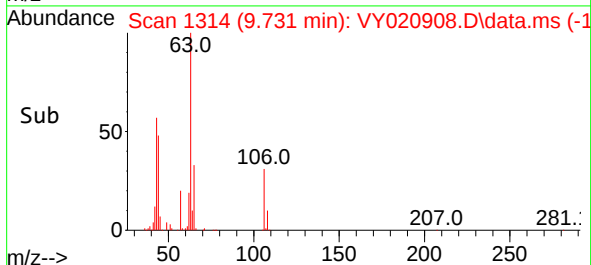
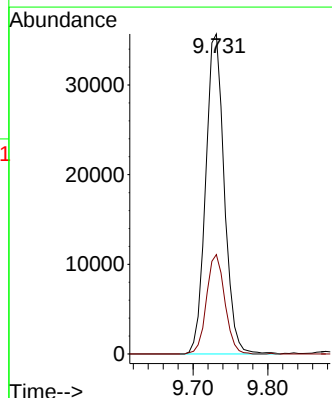
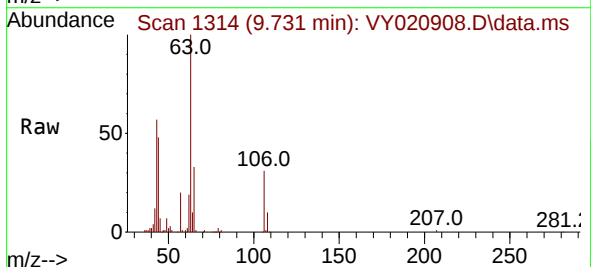
Acq: 23 Jan 2025 10:52

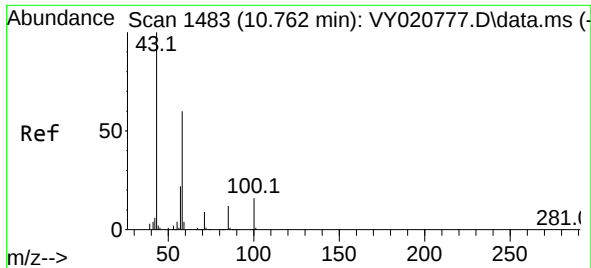
Tgt Ion: 63 Resp: 61626

Ion Ratio Lower Upper

63 100

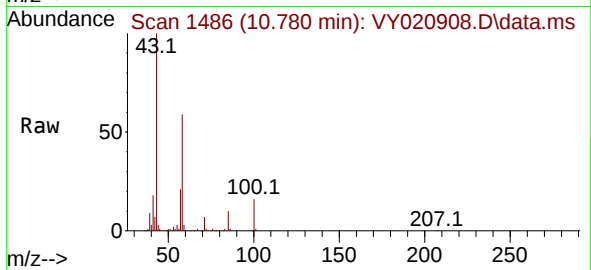
106 30.5 25.9 38.9



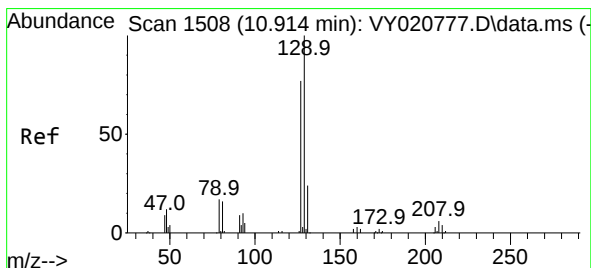
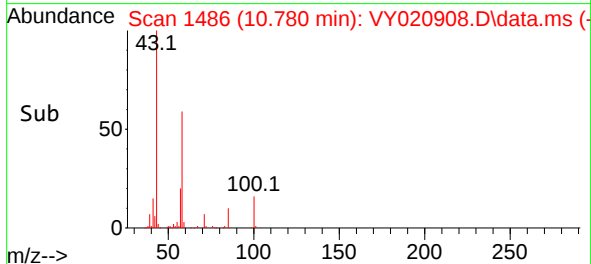
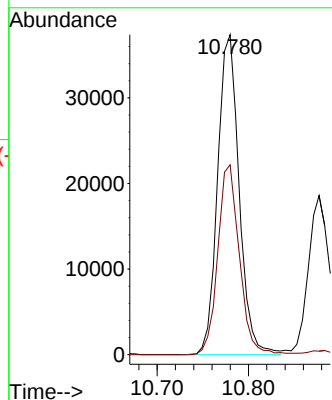


#59
2-Hexanone
Concen: 80.585 ug/l
RT: 10.780 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

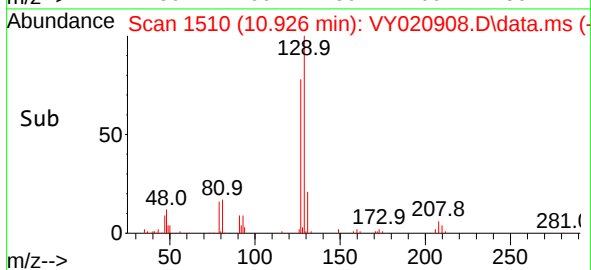
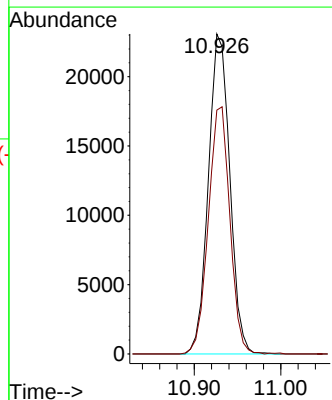
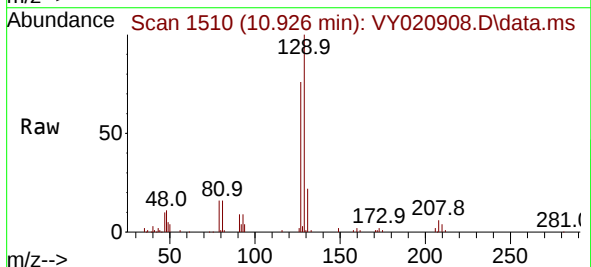


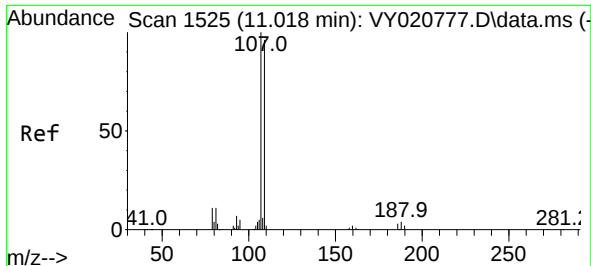
Tgt Ion: 43 Resp: 61089
Ion Ratio Lower Upper
43 100
58 59.7 30.6 92.0



#60
Dibromochloromethane
Concen: 16.389 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 129 Resp: 39646
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

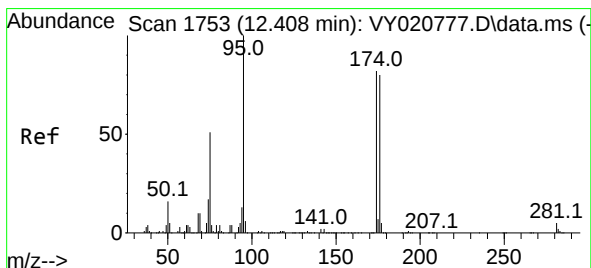
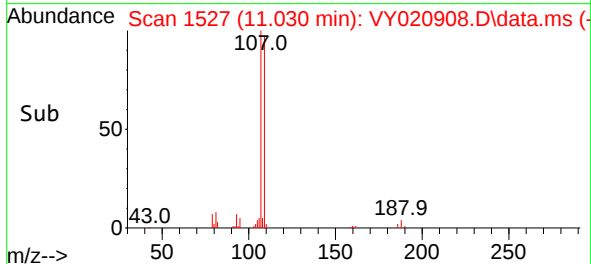
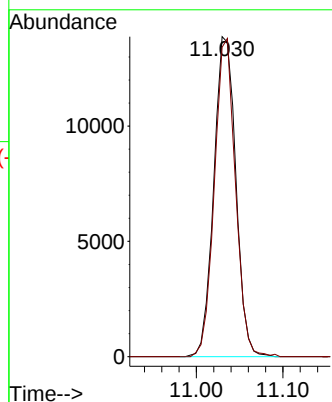
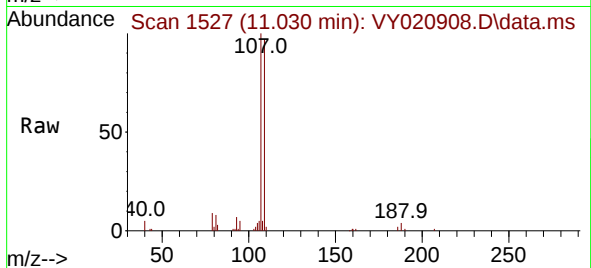




#61
1,2-Dibromoethane
Concen: 16.341 ug/l
RT: 11.030 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

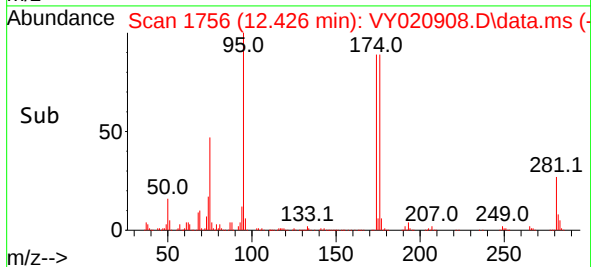
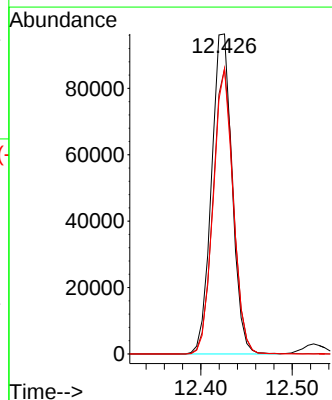
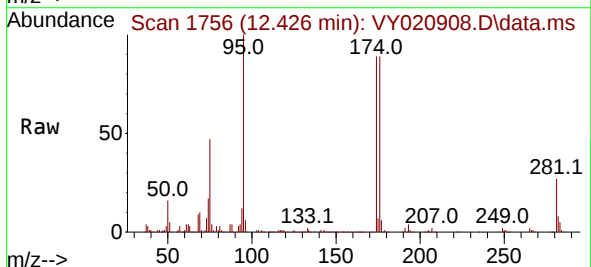
Instrument :
MSVOA_Y
ClientSampleId :

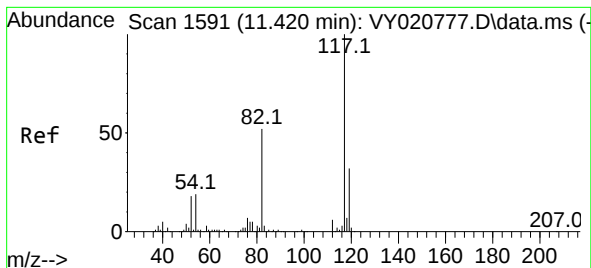
Tgt Ion:107 Resp: 24470
Ion Ratio Lower Upper
107 100
109 95.2 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 51.130 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 95 Resp: 150793
Ion Ratio Lower Upper
95 100
174 88.2 0.0 178.0
176 86.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. -0.006 min

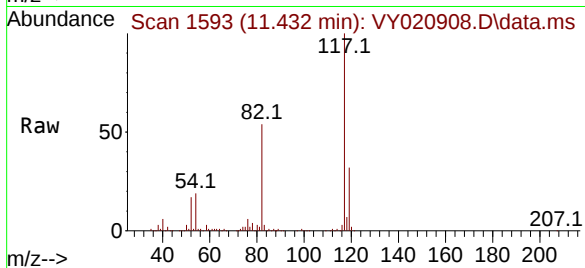
Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :



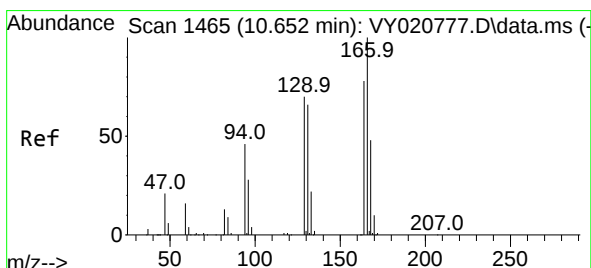
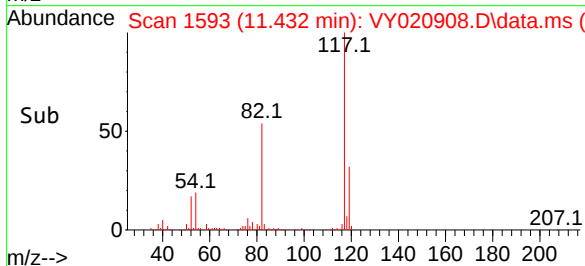
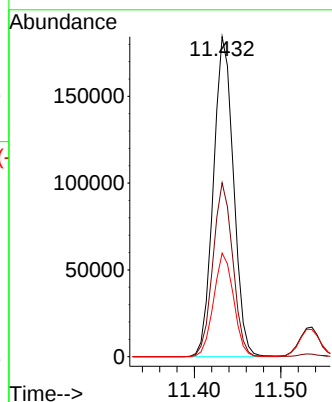
Tgt Ion:117 Resp: 297828

Ion Ratio Lower Upper

117 100

82 54.4 41.8 62.6

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 16.915 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Tgt Ion:164 Resp: 37039

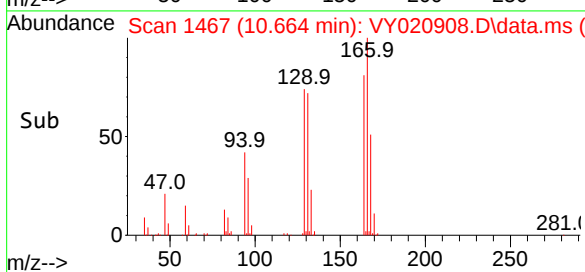
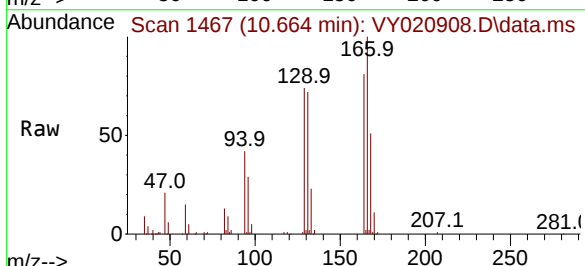
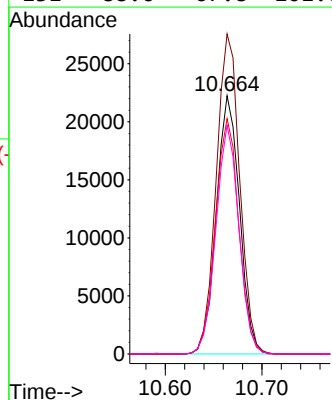
Ion Ratio Lower Upper

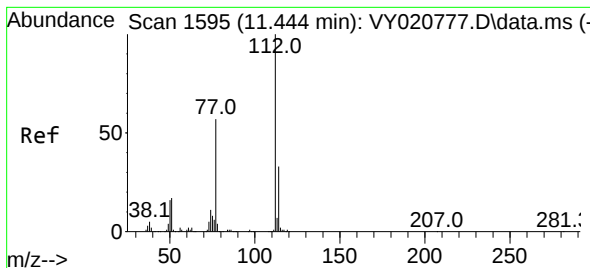
164 100

166 123.9 102.0 153.0

129 91.1 71.4 107.2

131 88.6 67.8 101.6





#65

Chlorobenzene

Concen: 16.741 ug/l

RT: 11.456 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

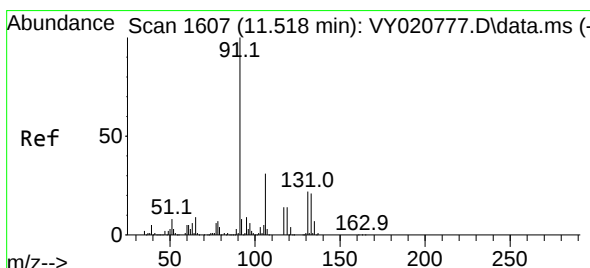
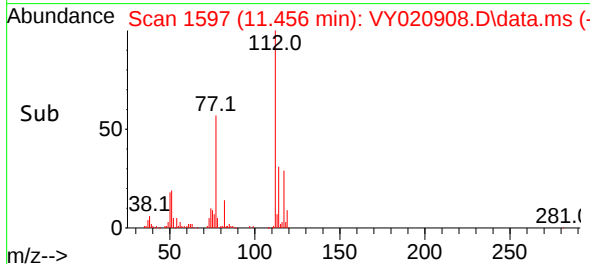
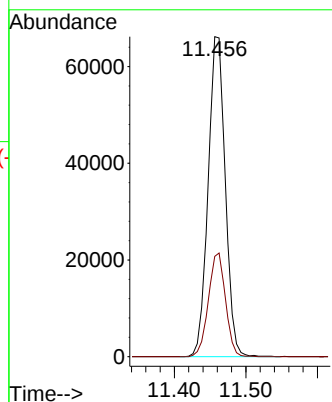
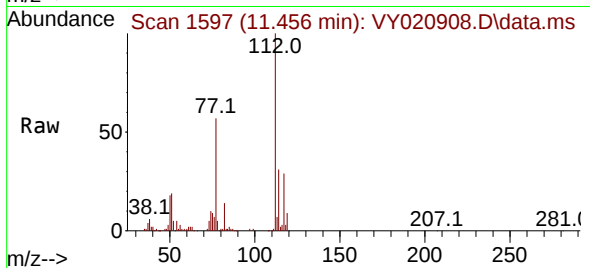
ClientSampleId :

Tgt Ion:112 Resp: 110236

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 16.707 ug/l

RT: 11.536 min Scan# 1610

Delta R.T. 0.000 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

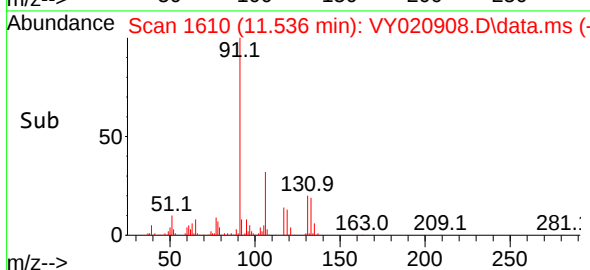
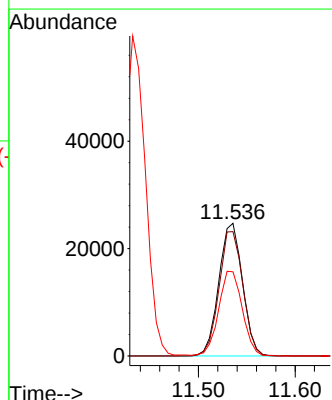
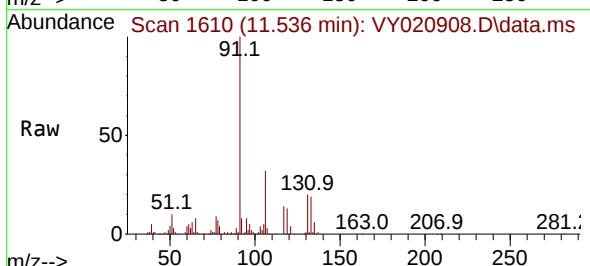
Tgt Ion:131 Resp: 41881

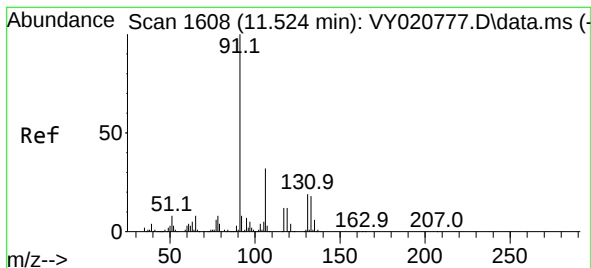
Ion Ratio Lower Upper

131 100

133 94.7 46.9 140.8

119 64.0 30.2 90.6





#67

Ethyl Benzene

Concen: 16.860 ug/l

RT: 11.536 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

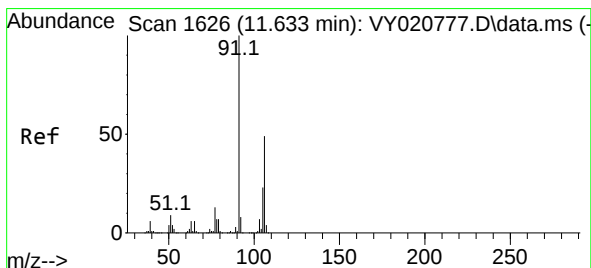
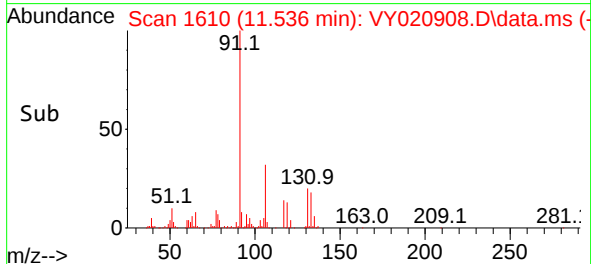
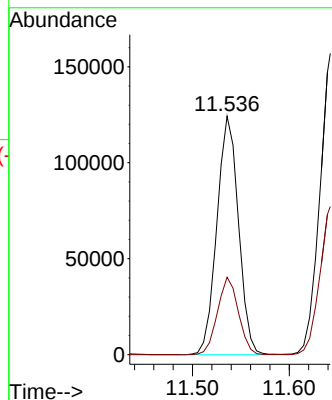
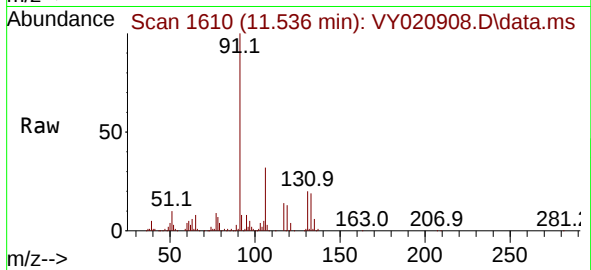
ClientSampleId :

Tgt Ion: 91 Resp: 192219

Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



#68

m/p-Xylenes

Concen: 33.554 ug/l

RT: 11.645 min Scan# 1628

Delta R.T. -0.006 min

Lab File: VY020908.D

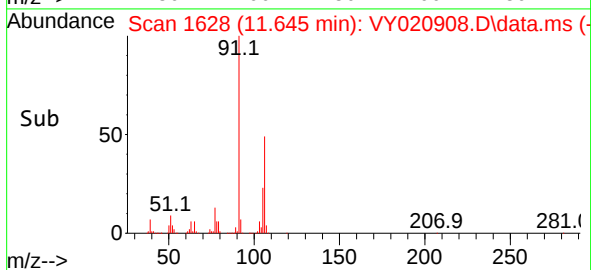
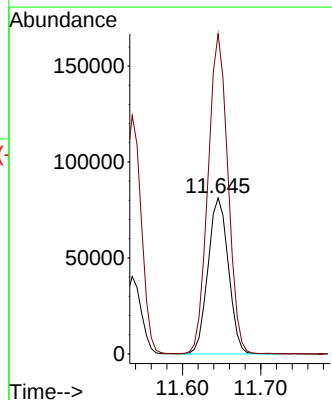
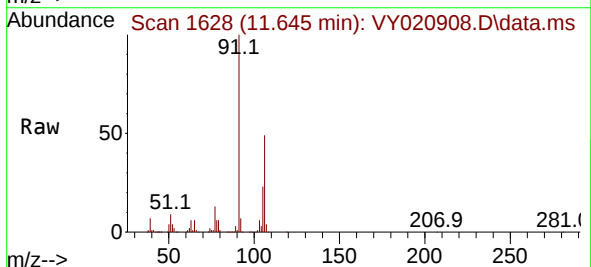
Acq: 23 Jan 2025 10:52

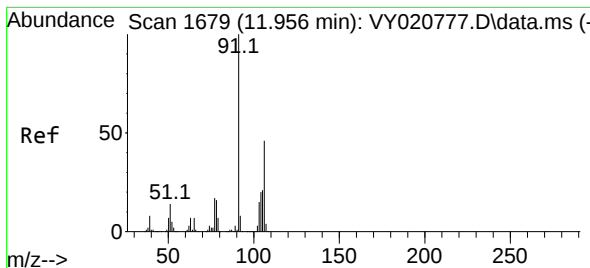
Tgt Ion:106 Resp: 147284

Ion Ratio Lower Upper

106 100

91 200.2 162.6 243.8





#69

o-Xylene

Concen: 16.707 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

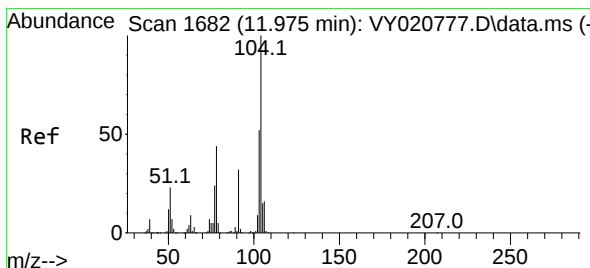
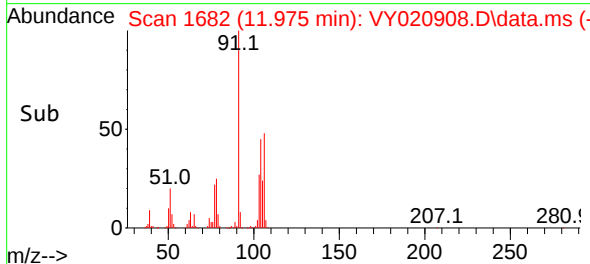
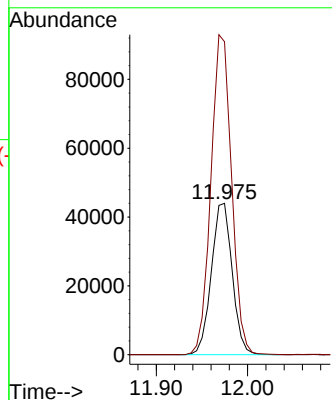
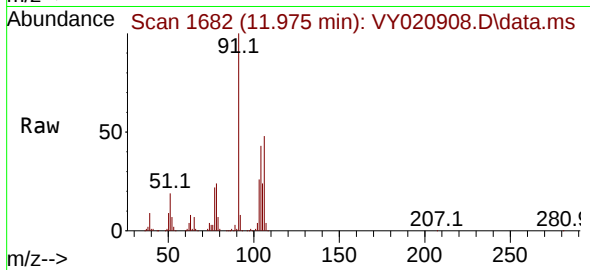
ClientSampleId :

Tgt Ion:106 Resp: 69534

Ion Ratio Lower Upper

106 100

91 209.9 108.2 324.6



#70

Styrene

Concen: 16.466 ug/l

RT: 11.987 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

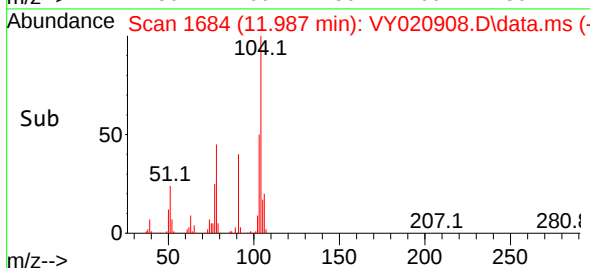
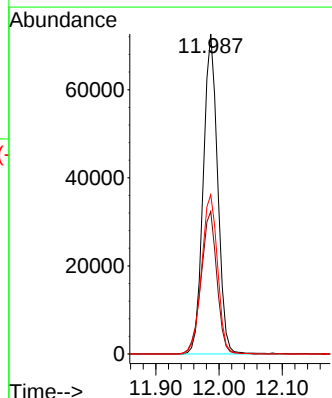
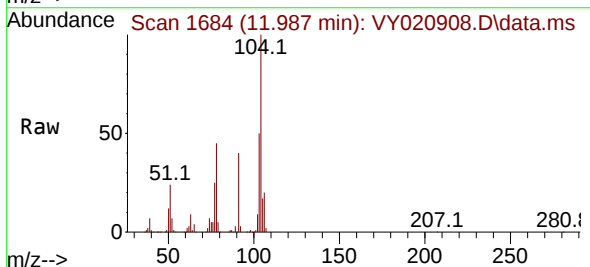
Tgt Ion:104 Resp: 115354

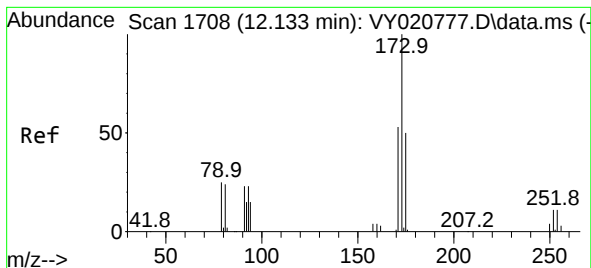
Ion Ratio Lower Upper

104 100

78 48.5 39.4 59.2

103 54.8 44.0 66.0





#71

Bromoform

Concen: 16.540 ug/l

RT: 12.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

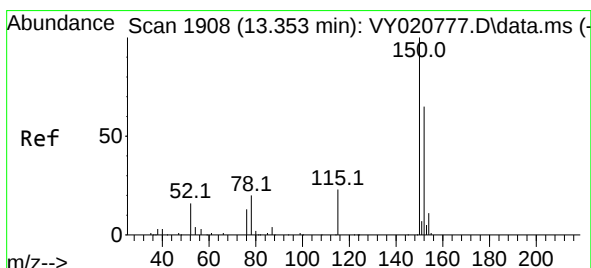
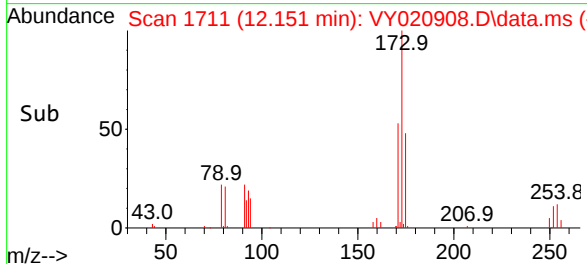
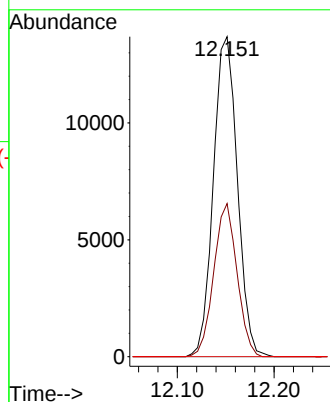
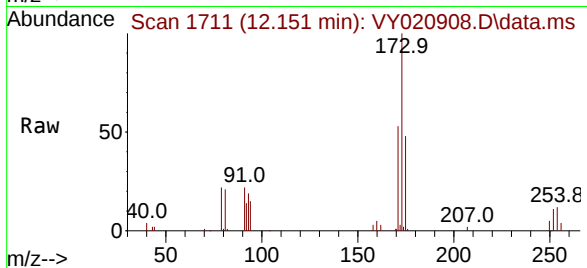
Tgt Ion:173 Resp: 23570

Ion Ratio Lower Upper

173 100

175 46.4 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

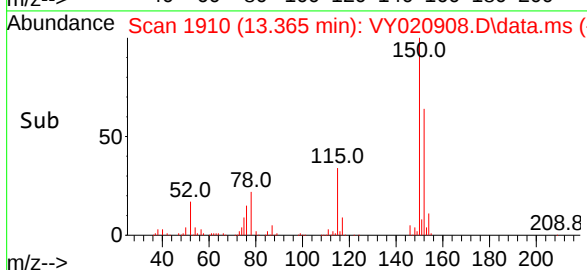
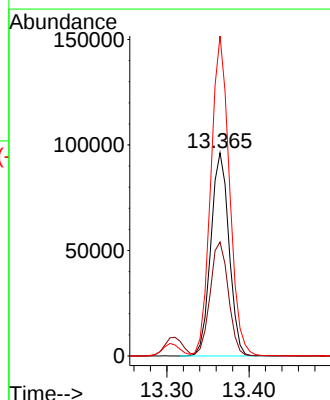
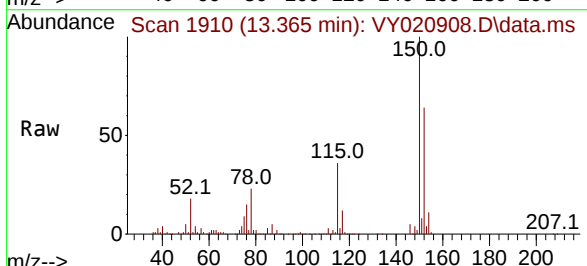
Tgt Ion:152 Resp: 147781

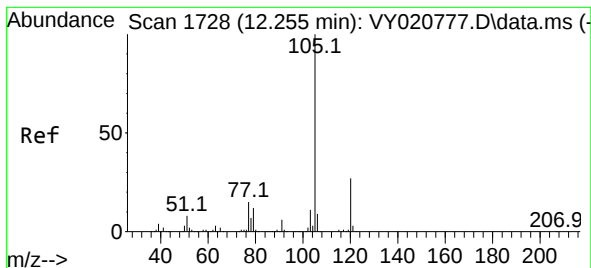
Ion Ratio Lower Upper

152 100

115 56.4 29.0 87.0

150 161.5 0.0 347.4





#73

Isopropylbenzene

Concen: 16.609 ug/l

RT: 12.273 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

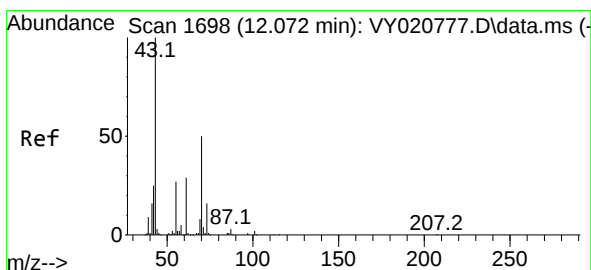
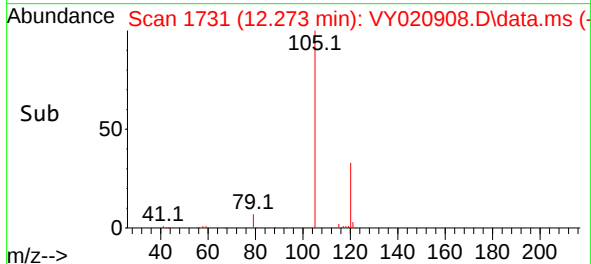
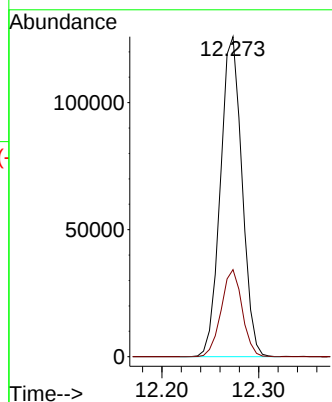
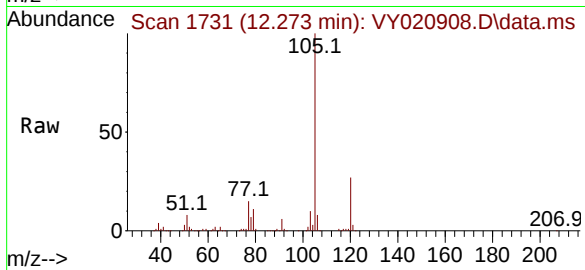
ClientSampleId :

Tgt Ion:105 Resp: 194720

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 16.191 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Tgt Ion: 43 Resp: 31049

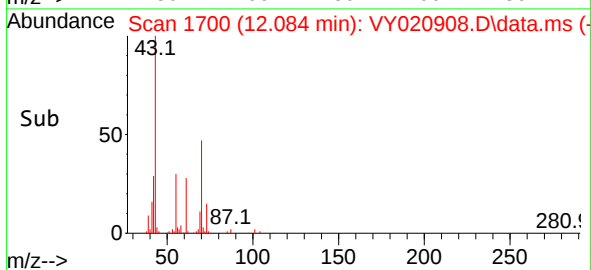
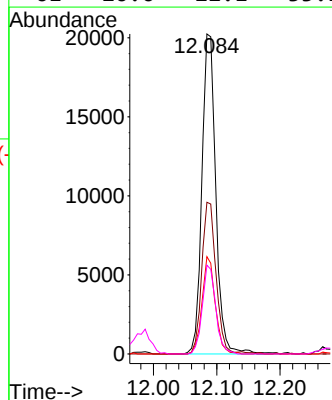
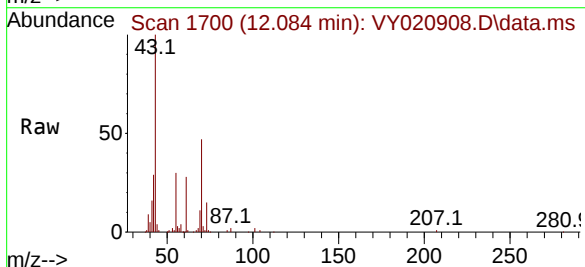
Ion Ratio Lower Upper

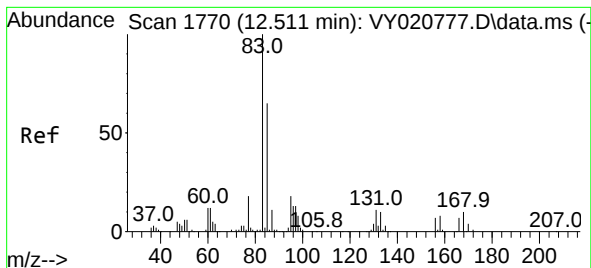
43 100

70 48.8 40.2 60.4

55 28.9 21.2 31.8

61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.518 ug/l

RT: 12.523 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

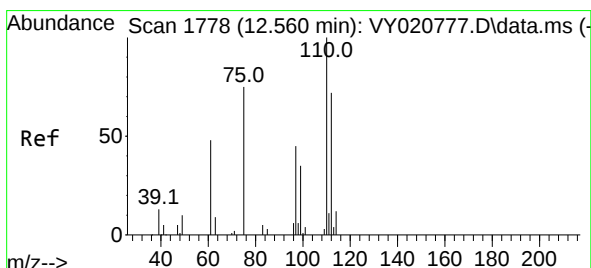
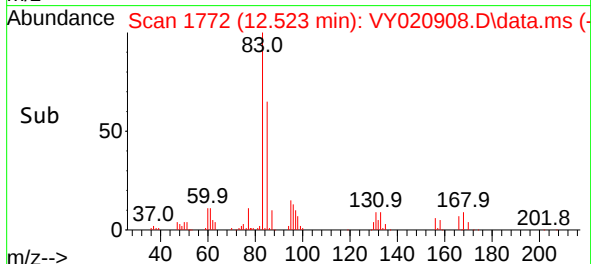
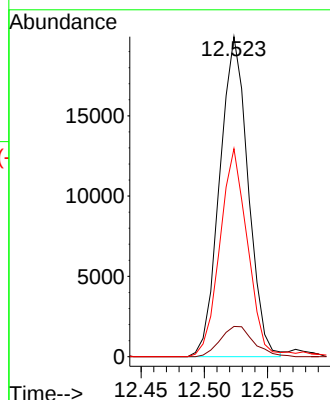
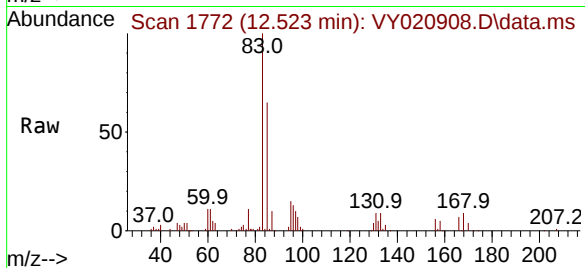
Tgt Ion: 83 Resp: 31127

Ion Ratio Lower Upper

83 100

131 11.1 6.0 18.0

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 29.596 ug/l

RT: 12.572 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY020908.D

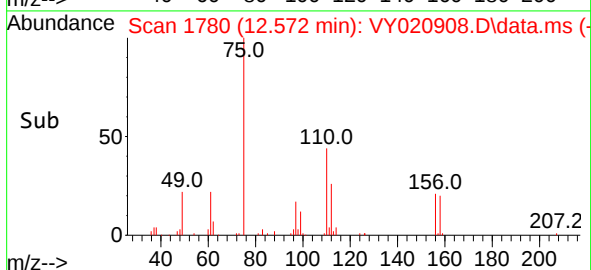
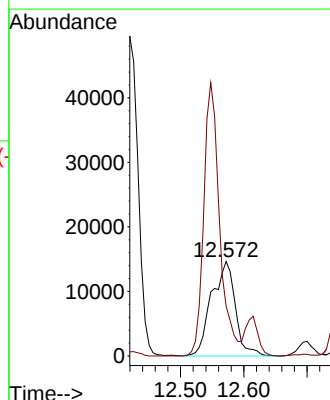
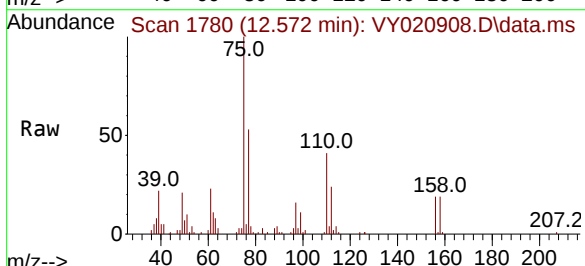
Acq: 23 Jan 2025 10:52

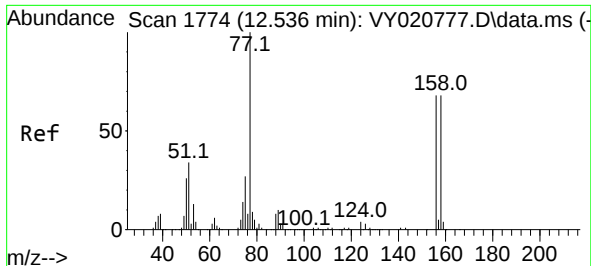
Tgt Ion: 75 Resp: 38269

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

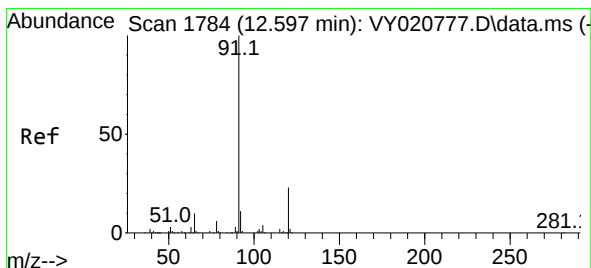
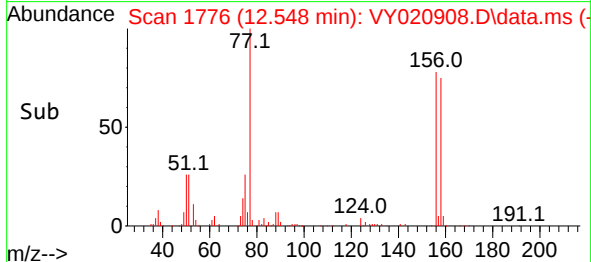
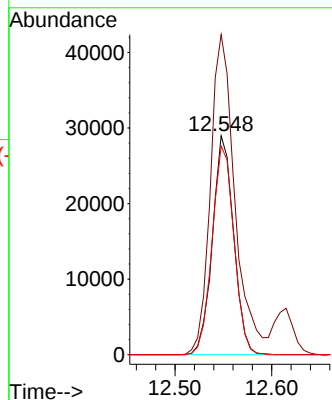
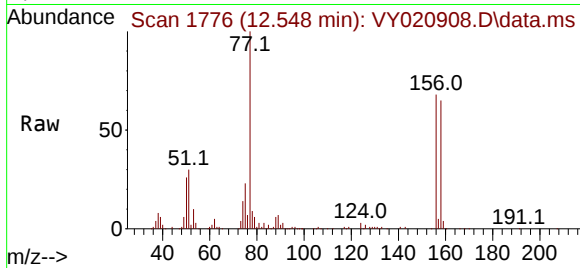




#77
Bromobenzene
Concen: 16.304 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

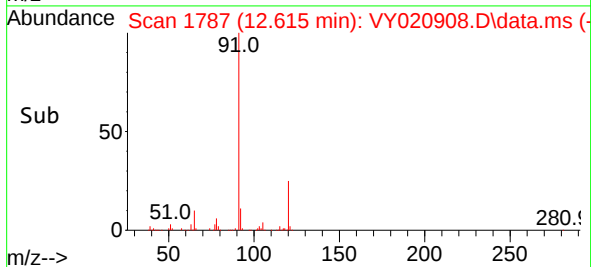
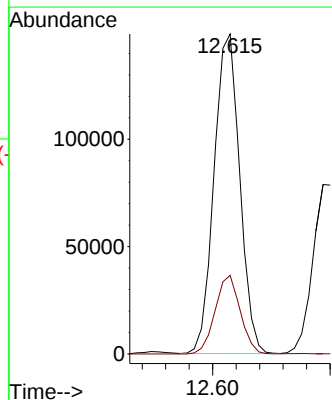
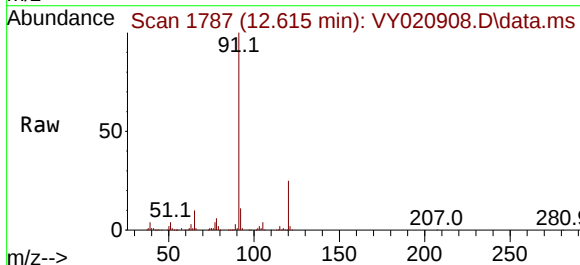
Instrument :
MSVOA_Y
ClientSampleId :

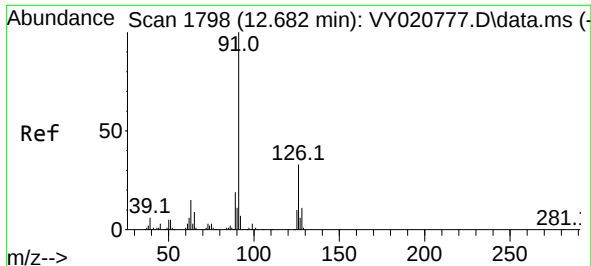
Tgt Ion:156 Resp: 44070
Ion Ratio Lower Upper
156 100
77 167.5 82.3 247.0
158 98.3 48.0 144.0



#78
n-propylbenzene
Concen: 16.977 ug/l
RT: 12.615 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 91 Resp: 225907
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1

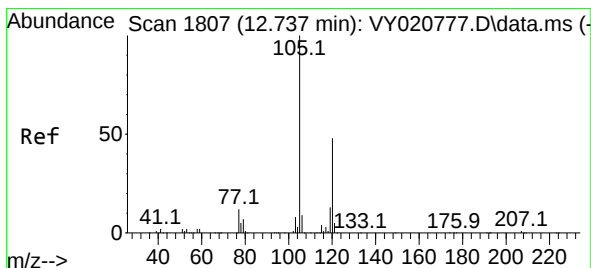
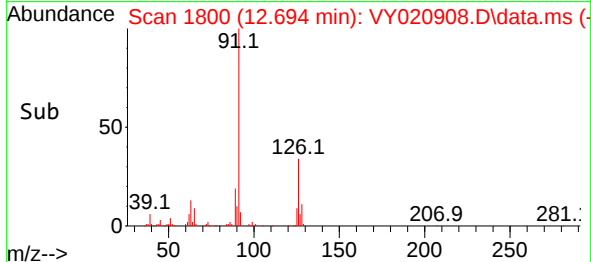
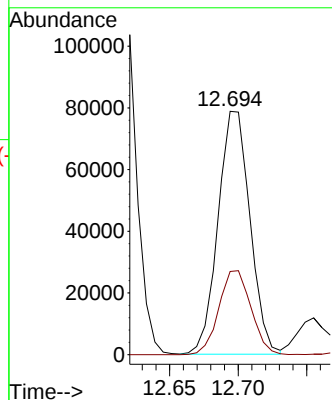
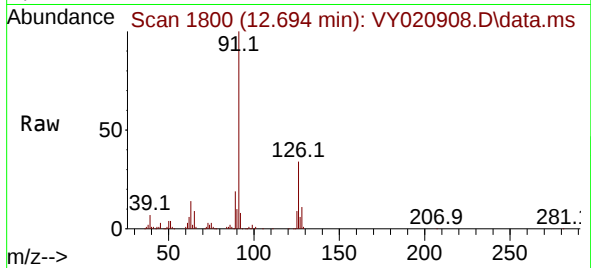




#79
2-Chlorotoluene
Concen: 16.705 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

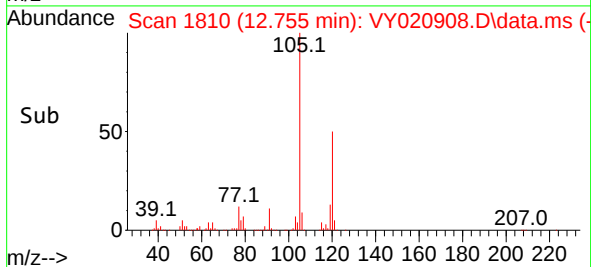
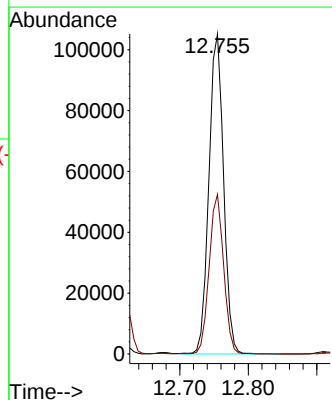
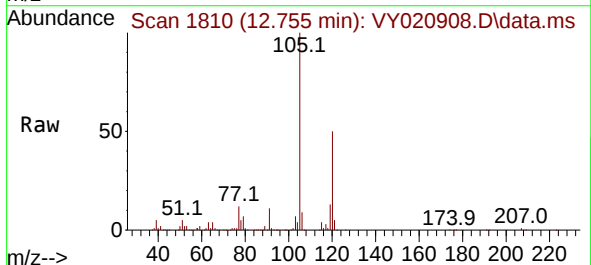
Instrument :
MSVOA_Y
ClientSampleId :

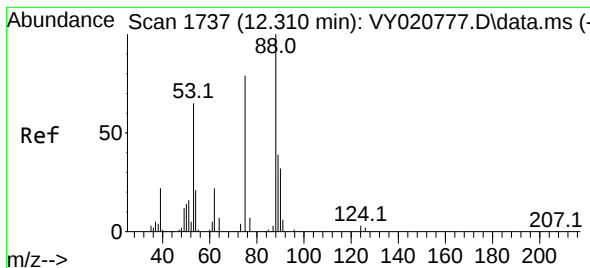
Tgt Ion: 91 Resp: 128013
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 16.503 ug/l
RT: 12.755 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion:105 Resp: 156799
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5

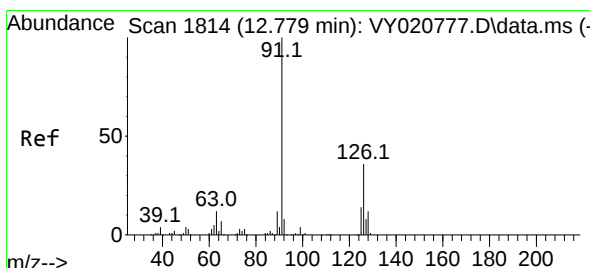
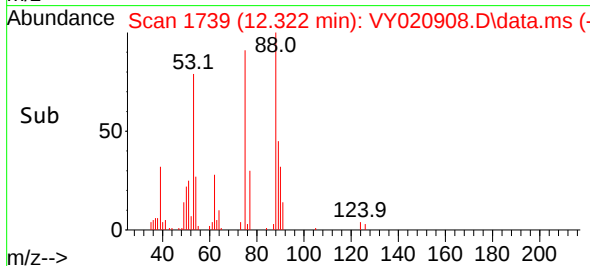
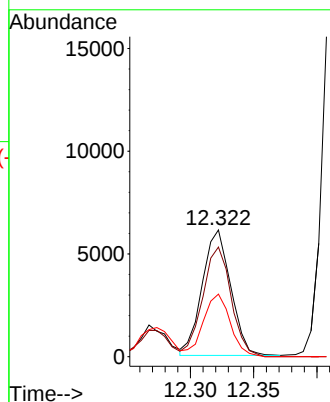
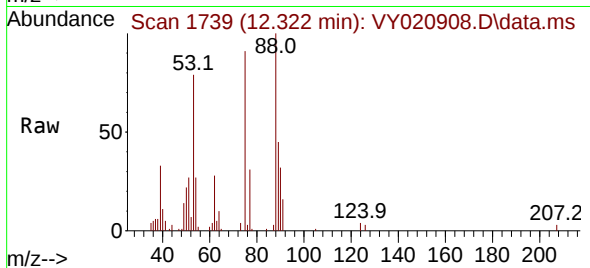




#81
trans-1,4-Dichloro-2-butene
Concen: 15.573 ug/l
RT: 12.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

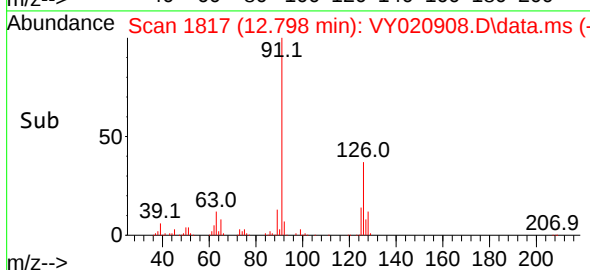
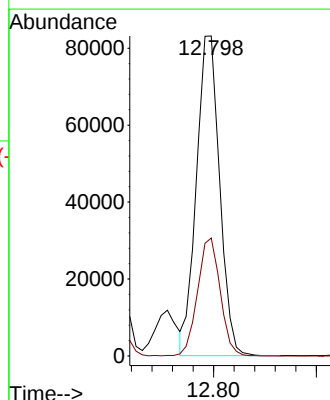
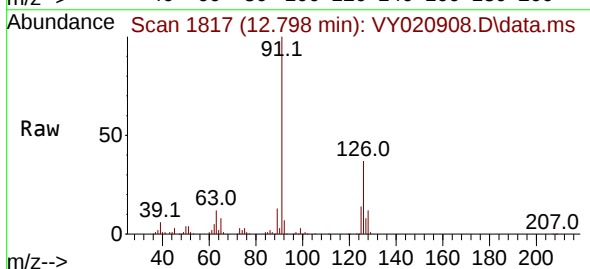
Instrument :
MSVOA_Y
ClientSampleId :

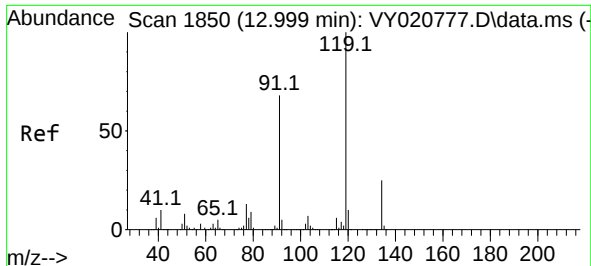
Tgt Ion: 75 Resp: 9550
Ion Ratio Lower Upper
75 100
53 87.5 69.4 104.0
89 47.8 39.6 59.4



#82
4-Chlorotoluene
Concen: 16.532 ug/l
RT: 12.798 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion: 91 Resp: 130738
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.7

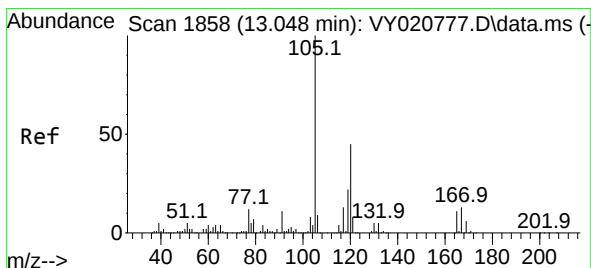
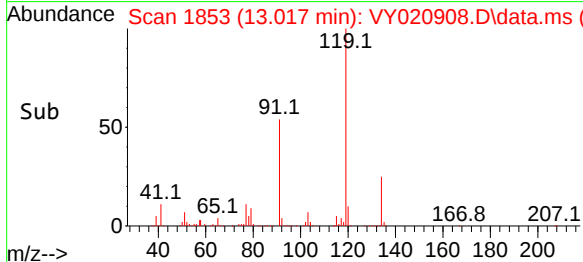
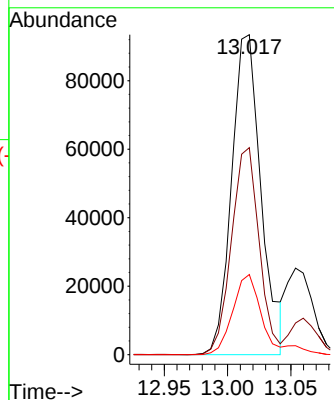
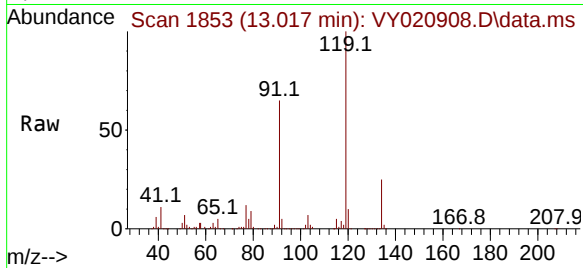




#83
 tert-Butylbenzene
 Concen: 17.026 ug/l
 RT: 13.017 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

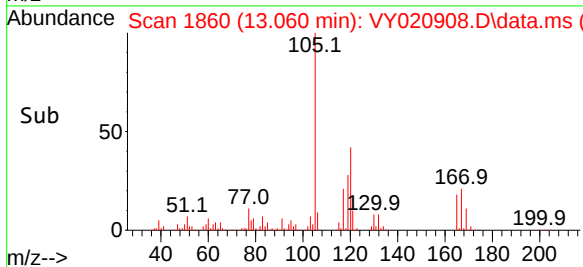
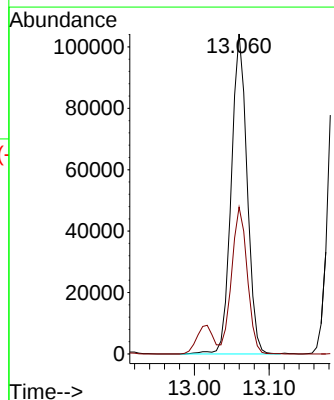
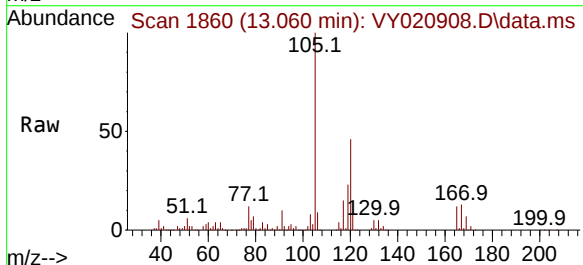
Instrument :
 MSVOA_Y
 ClientSampleId :

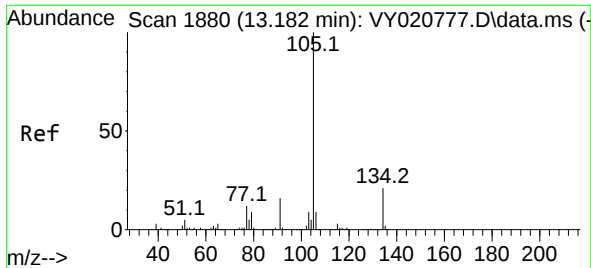
Tgt Ion:119 Resp: 151299
 Ion Ratio Lower Upper
 119 100
 91 61.3 33.0 98.9
 134 25.7 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 16.525 ug/l
 RT: 13.060 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion:105 Resp: 153321
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.2

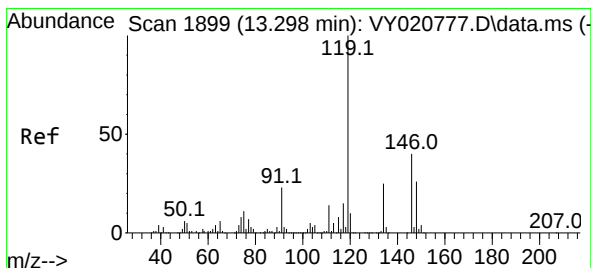
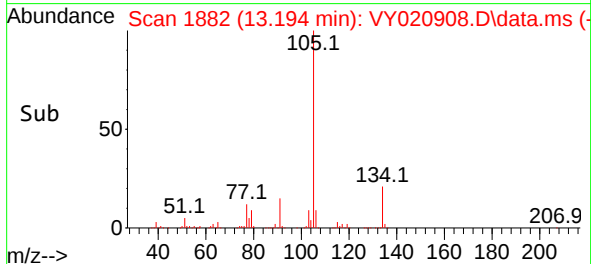
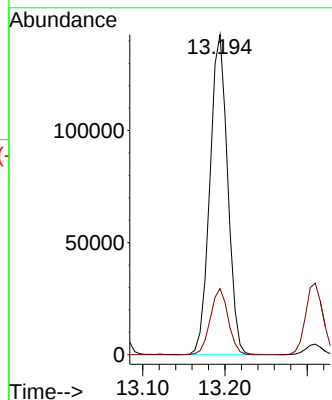
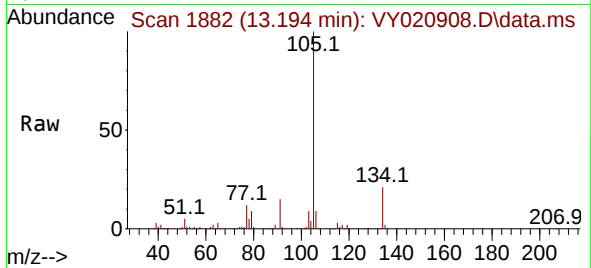




#85
 sec-Butylbenzene
 Concen: 17.201 ug/l
 RT: 13.194 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

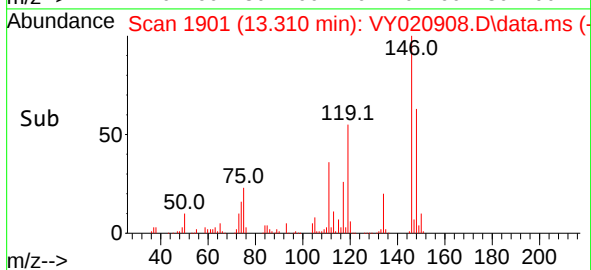
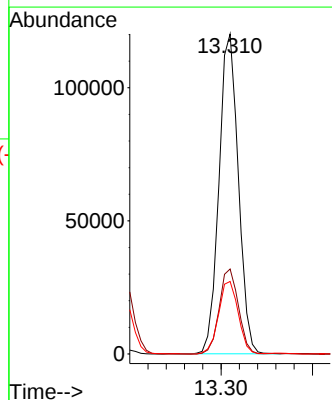
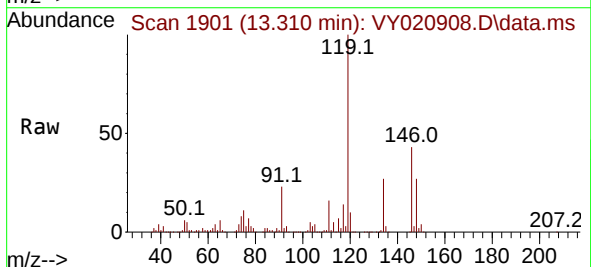
Instrument :
 MSVOA_Y
 ClientSampleId :

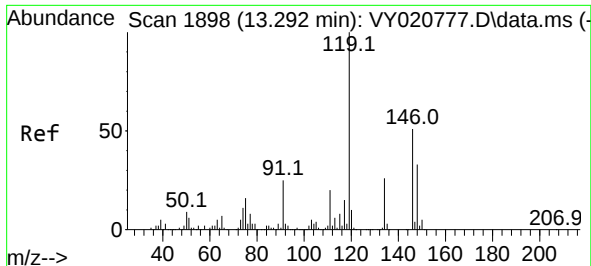
Tgt Ion:105 Resp: 213507
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 16.657 ug/l
 RT: 13.310 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion:119 Resp: 176374
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 23.1 11.8 35.3

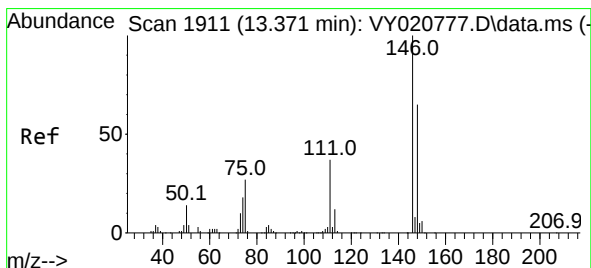
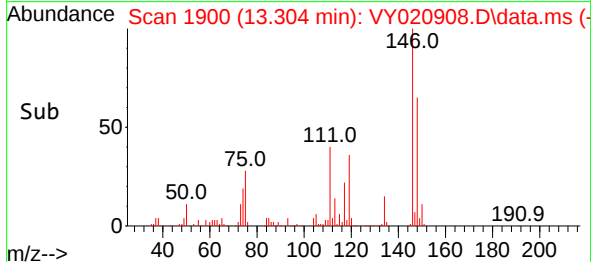
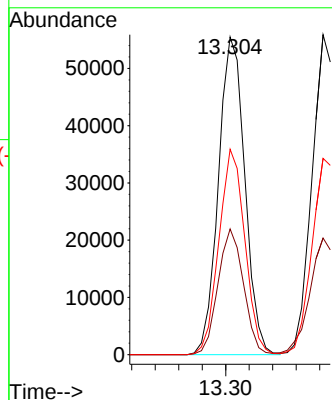
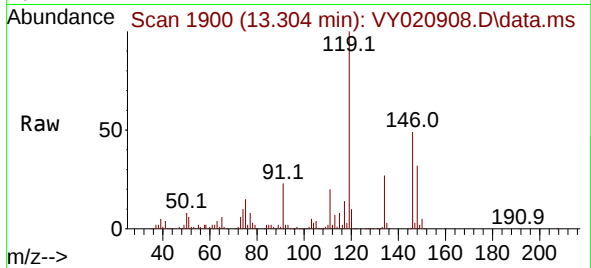




#87
 1,3-Dichlorobenzene
 Concen: 16.503 ug/l
 RT: 13.304 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

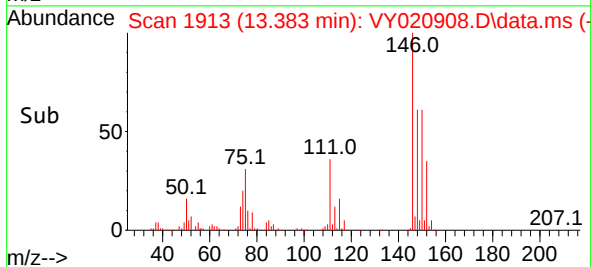
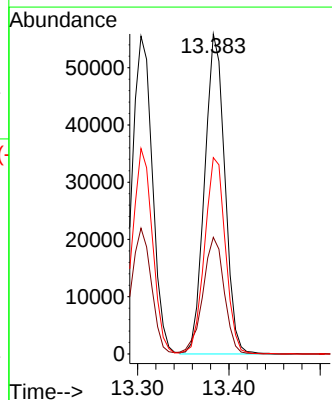
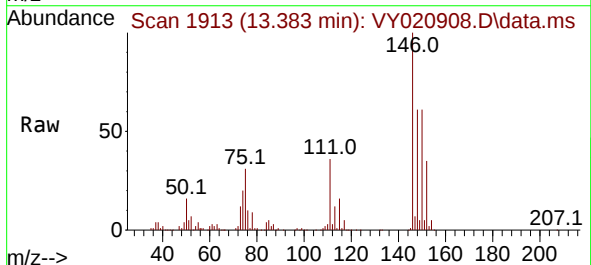
Instrument :
 MSVOA_Y
 ClientSampleId :

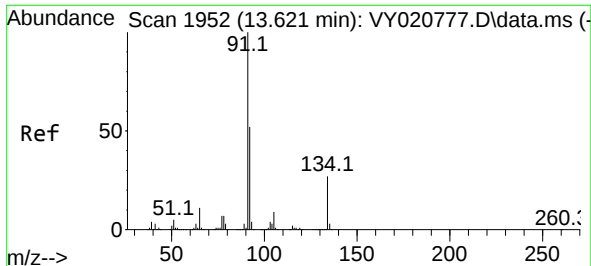
Tgt Ion:146 Resp: 86674
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 16.591 ug/l
 RT: 13.383 min Scan# 1913
 Delta R.T. -0.006 min
 Lab File: VY020908.D
 Acq: 23 Jan 2025 10:52

Tgt Ion:146 Resp: 85772
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.3
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 16.810 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

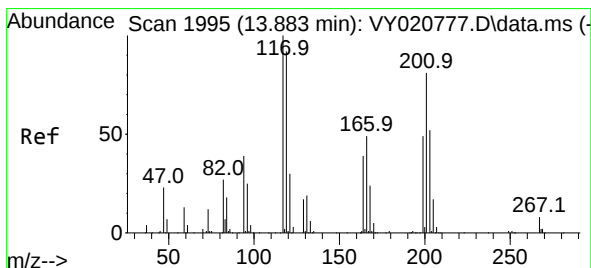
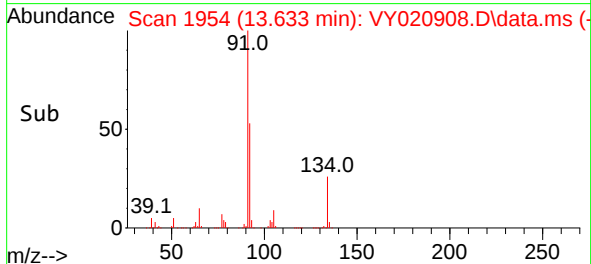
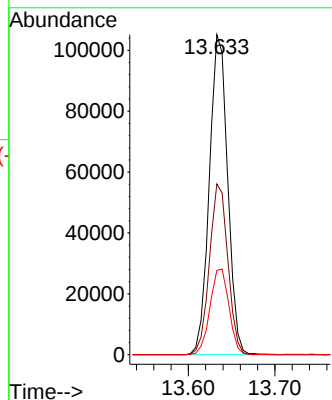
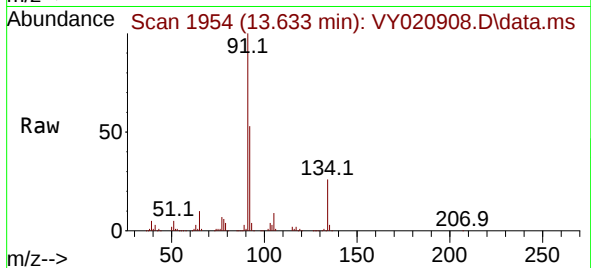
Tgt Ion: 91 Resp: 154421

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.4

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 16.761 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VY020908.D

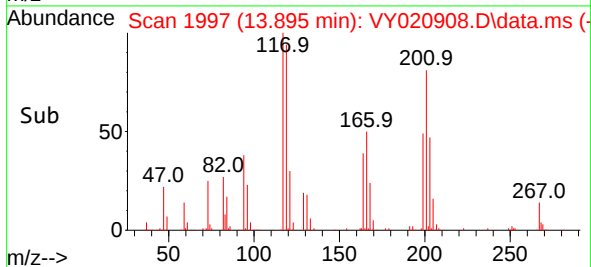
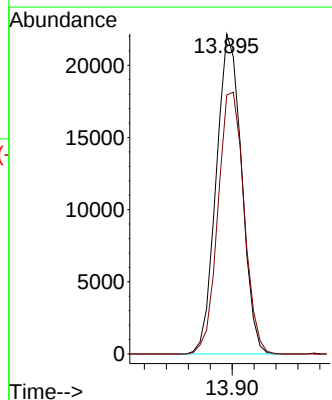
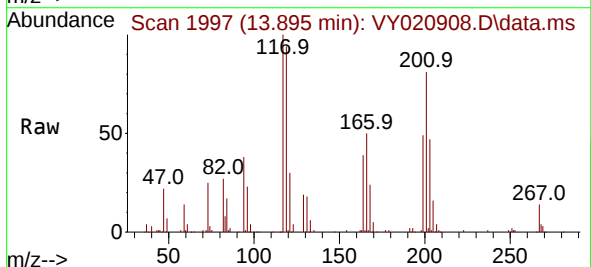
Acq: 23 Jan 2025 10:52

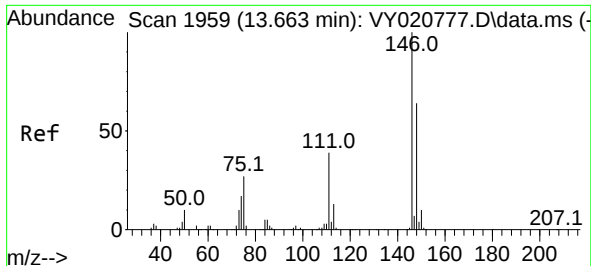
Tgt Ion: 117 Resp: 35637

Ion Ratio Lower Upper

117 100

201 84.3 42.9 128.7

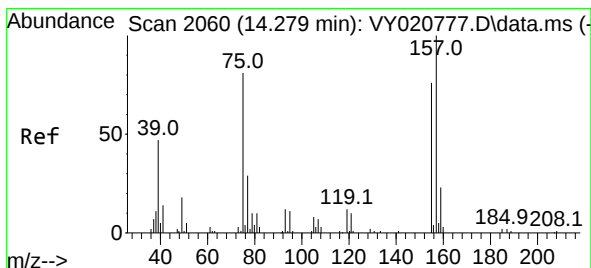
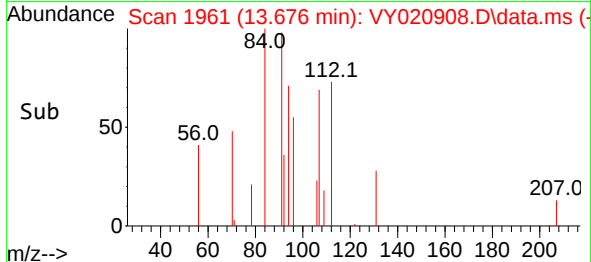
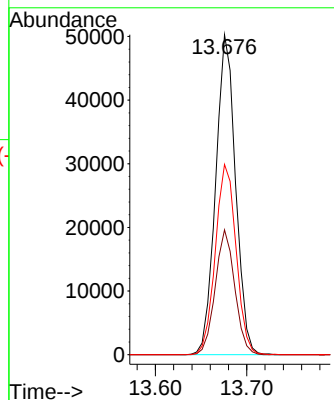
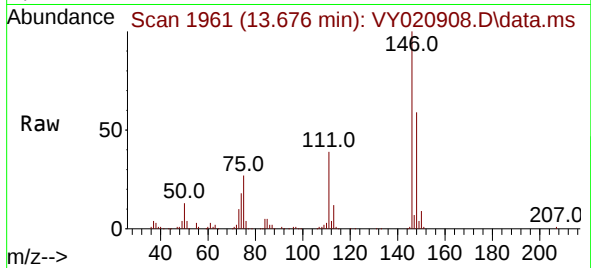




#91
1,2-Dichlorobenzene
Concen: 16.573 ug/l
RT: 13.676 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

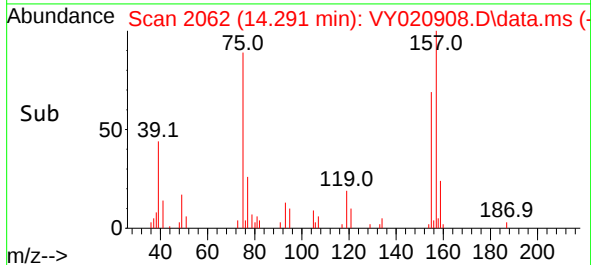
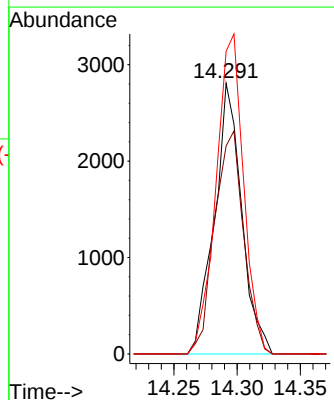
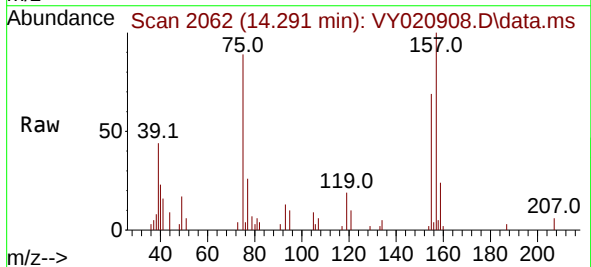
Instrument :
MSVOA_Y
ClientSampleId :

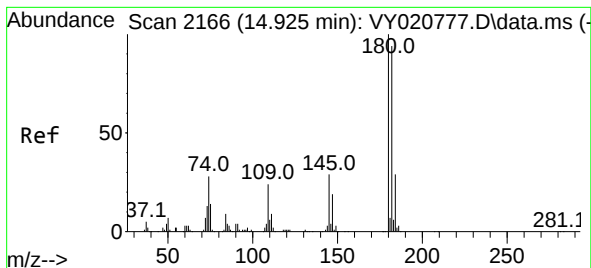
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.0	60.0
148	62.0	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.632 ug/l
RT: 14.291 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	45.5	136.5
157	119.3	59.7	179.0





#93

1,2,4-Trichlorobenzene

Concen: 15.107 ug/l

RT: 14.938 min Scan# 2168

Delta R.T. -0.006 min

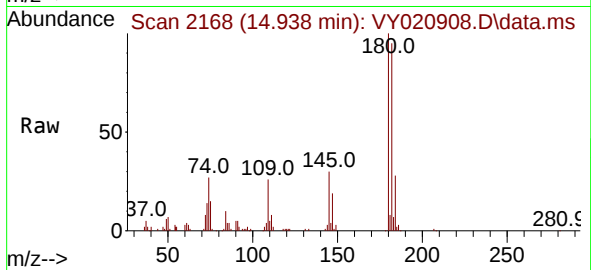
Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :



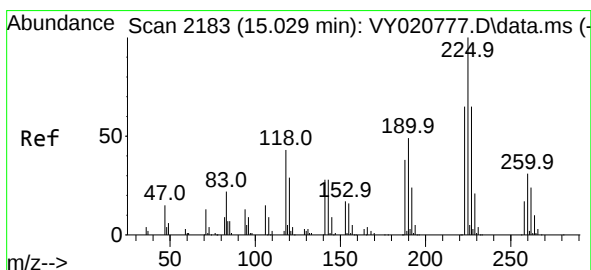
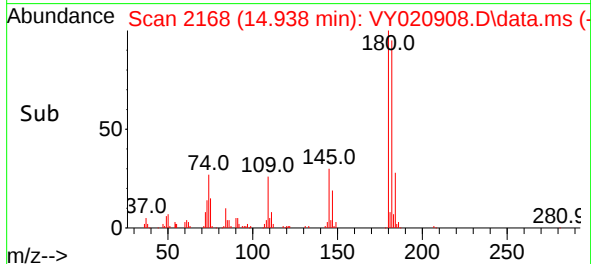
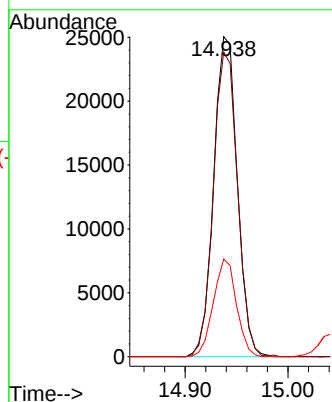
Tgt Ion:180 Resp: 39925

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 29.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 15.944 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VY020908.D

Acq: 23 Jan 2025 10:52

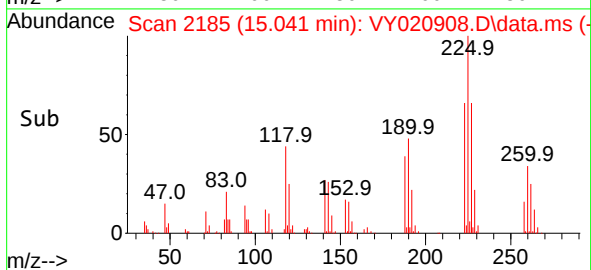
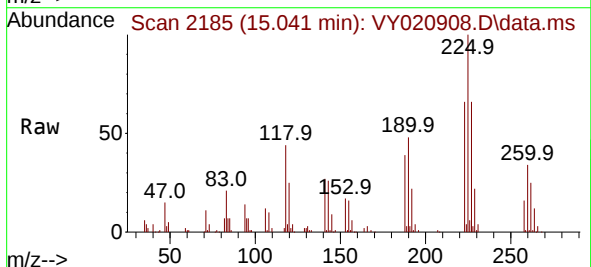
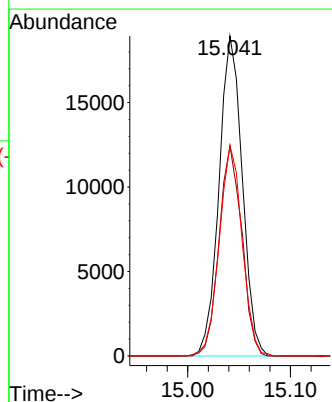
Tgt Ion:225 Resp: 29704

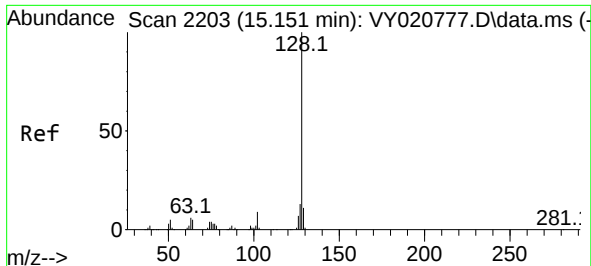
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 64.9 32.2 96.6

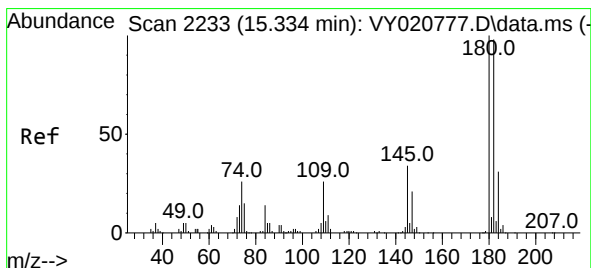
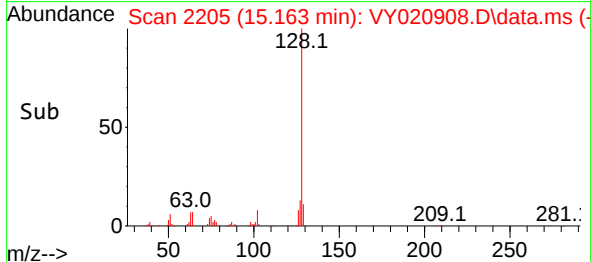
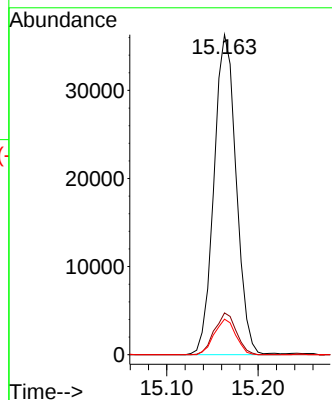
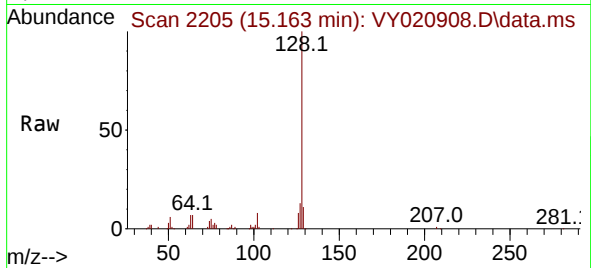




#95
Naphthalene
Concen: 14.098 ug/l
RT: 15.163 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 61320
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 15.291 ug/l
RT: 15.346 min Scan# 2235
Delta R.T. -0.006 min
Lab File: VY020908.D
Acq: 23 Jan 2025 10:52

Tgt Ion:180 Resp: 33856
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.3
145 31.3 16.1 48.2

