

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021164.D
 Acq On : 11 Feb 2025 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:59:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	134661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	203688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	178347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	88346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	74718	54.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.300%	
35) Dibromofluoromethane	7.646	113	69857	53.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.115	98	267540	53.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.414	95	90989	56.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	55941	46.609	ug/l	97
3) Chloromethane	2.080	50	51307	43.321	ug/l	98
4) Vinyl Chloride	2.214	62	52398	43.955	ug/l	99
5) Bromomethane	2.611	94	31274	42.447	ug/l	94
6) Chloroethane	2.751	64	32006	45.104	ug/l	99
7) Trichlorofluoromethane	3.074	101	97600	44.941	ug/l	99
8) Diethyl Ether	3.470	74	29298	43.214	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	62260	45.678	ug/l	96
10) Methyl Iodide	4.025	142	66104	43.653	ug/l	91
11) Tert butyl alcohol	4.879	59	19284	206.253	ug/l	96
12) 1,1-Dichloroethene	3.806	96	57513	44.793	ug/l	89
13) Acrolein	3.671	56	24396	169.447	ug/l	100
14) Allyl chloride	4.403	41	99230	45.856	ug/l	94
15) Acrylonitrile	5.080	53	66537	235.680	ug/l	97
16) Acetone	3.885	43	52954	246.111	ug/l	94
17) Carbon Disulfide	4.123	76	175083	43.486	ug/l	99
18) Methyl Acetate	4.403	43	37126	49.153	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	153715	47.366	ug/l	98
20) Methylene Chloride	4.641	84	60575	45.287	ug/l	98
21) trans-1,2-Dichloroethene	5.135	96	63342	44.818	ug/l	95
22) Diisopropyl ether	6.037	45	211758	47.476	ug/l	98
23) Vinyl Acetate	5.976	43	597221	240.190	ug/l	99
24) 1,1-Dichloroethane	5.933	63	120412	46.078	ug/l	99
25) 2-Butanone	6.909	43	85465	241.720	ug/l	98
26) 2,2-Dichloropropane	6.903	77	111243	46.006	ug/l	97
27) cis-1,2-Dichloroethene	6.909	96	73586	45.234	ug/l	92
28) Bromochloromethane	7.256	49	54851	53.081	ug/l	98
29) Tetrahydrofuran	7.274	42	56707	237.021	ug/l	96
30) Chloroform	7.433	83	123729	46.095	ug/l	99
31) Cyclohexane	7.720	56	101966	43.329	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	116310	46.606	ug/l	99
36) 1,1-Dichloropropene	7.848	75	91210	47.174	ug/l	99
37) Ethyl Acetate	7.000	43	41749	49.221	ug/l	99
38) Carbon Tetrachloride	7.829	117	107251	47.473	ug/l	97
39) Methylcyclohexane	9.122	83	112159	47.424	ug/l	98
40) Benzene	8.091	78	265230	46.744	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	23591	48.075	ug/l	97
42) 1,2-Dichloroethane	8.171	62	75417	47.914	ug/l	97
43) Isopropyl Acetate	8.207	43	81398	48.296	ug/l	96
44) Trichloroethene	8.878	130	67699	46.181	ug/l	95
45) 1,2-Dichloropropane	9.152	63	61839	45.917	ug/l	99
46) Dibromomethane	9.244	93	35369	47.433	ug/l	96
47) Bromodichloromethane	9.433	83	94861	47.435	ug/l	97
48) Methyl methacrylate	9.231	41	38079	49.601	ug/l	94
49) 1,4-Dioxane	9.244	88	6953	1001.647	ug/l	99
51) 4-Methyl-2-Pentanone	10.006	43	211441	249.479	ug/l	96
52) Toluene	10.182	92	167998	47.154	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	87385	48.664	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	100508	47.273	ug/l	93
55) 1,1,2-Trichloroethane	10.585	97	46234	47.881	ug/l	98
56) Ethyl methacrylate	10.451	69	62955	48.736	ug/l	89
57) 1,3-Dichloropropane	10.725	76	80452	48.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	148924	242.334	ug/l	100
59) 2-Hexanone	10.768	43	139898	256.369	ug/l	95
60) Dibromochloromethane	10.920	129	64076	47.253	ug/l	99
61) 1,2-Dibromoethane	11.024	107	42461	46.947	ug/l	99
64) Tetrachloroethene	10.658	164	60323	45.563	ug/l	94
65) Chlorobenzene	11.451	112	181180	45.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	65706	46.559	ug/l	98
67) Ethyl Benzene	11.530	91	331317	47.169	ug/l	99
68) m/p-Xylenes	11.640	106	246888	93.957	ug/l	98
69) o-Xylene	11.963	106	114527	46.749	ug/l	95
70) Styrene	11.981	104	193644	47.425	ug/l	98
71) Bromoform	12.139	173	37721	48.020	ug/l #	99
73) Isopropylbenzene	12.267	105	316021	45.793	ug/l	100
74) N-amyl acetate	12.079	43	71295	47.254	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.517	83	51918	45.235	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	70557	88.041	ug/l #	100
77) Bromobenzene	12.542	156	70546	44.298	ug/l	95
78) n-propylbenzene	12.603	91	379144	46.120	ug/l	98
79) 2-Chlorotoluene	12.688	91	213445	45.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	260937	46.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	18222	46.395	ug/l	95
82) 4-Chlorotoluene	12.786	91	219580	45.773	ug/l	100
83) tert-Butylbenzene	13.005	119	230877	45.397	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	257928	47.146	ug/l	99
85) sec-Butylbenzene	13.182	105	337034	46.038	ug/l	98
86) p-Isopropyltoluene	13.298	119	283778	46.665	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	138525	45.049	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	135894	44.884	ug/l	99
89) n-Butylbenzene	13.627	91	265661	47.886	ug/l	99
90) Hexachloroethane	13.889	117	57262	45.136	ug/l	85
91) 1,2-Dichlorobenzene	13.670	146	119559	44.797	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	7947	46.335	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	70447	47.420	ug/l	97
94) Hexachlorobutadiene	15.035	225	45927	46.652	ug/l	100
95) Naphthalene	15.157	128	116124	48.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	57799	46.751	ug/l	97

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

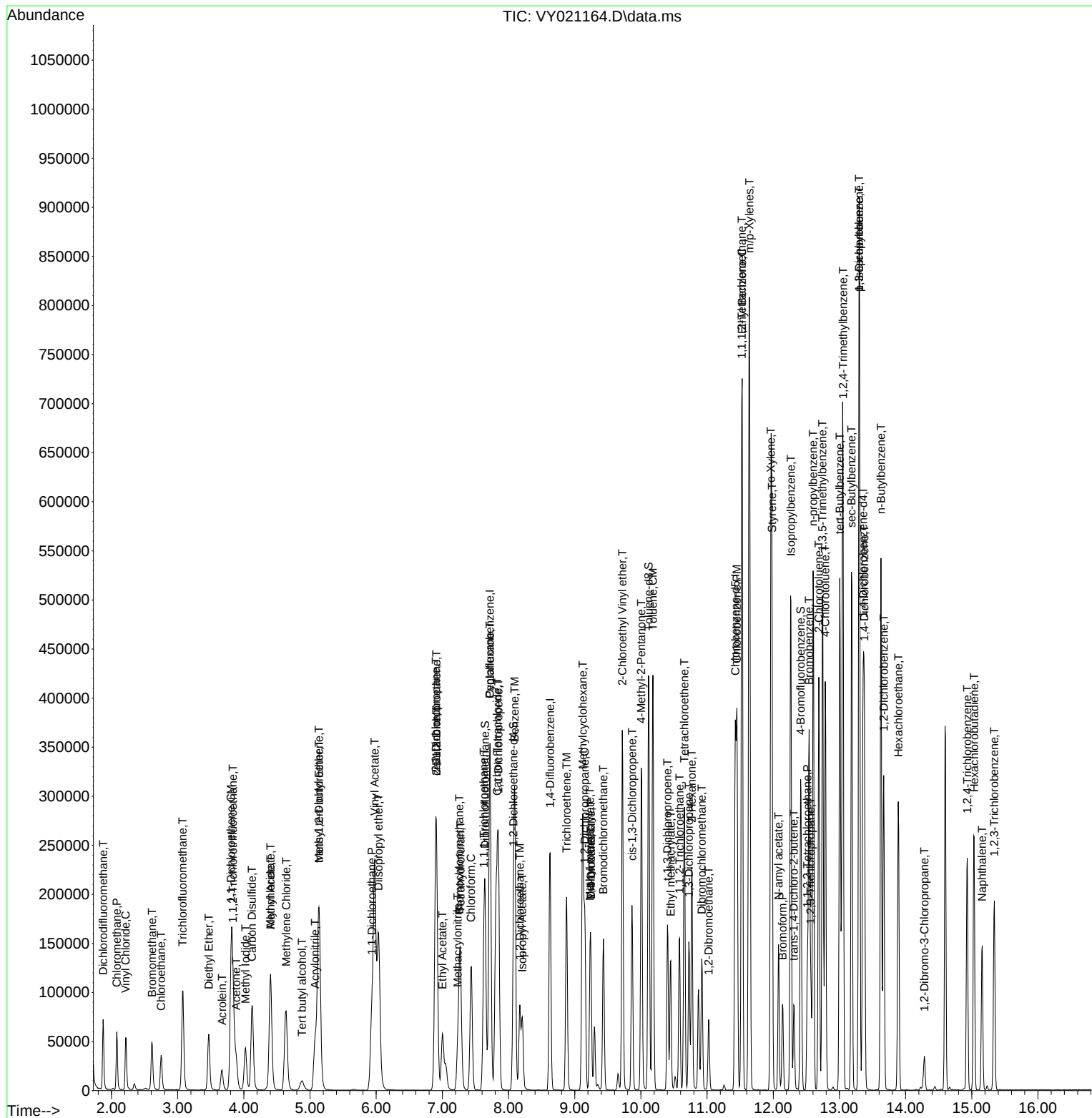
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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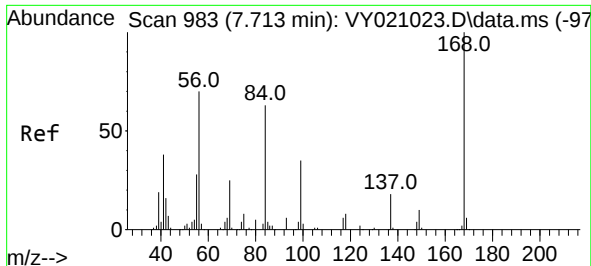
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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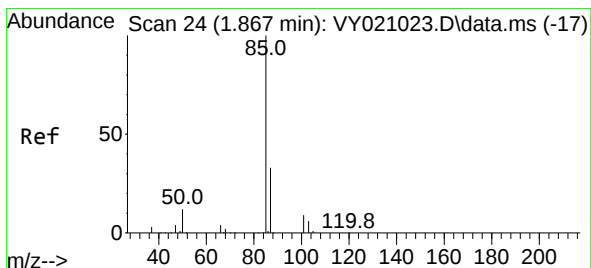
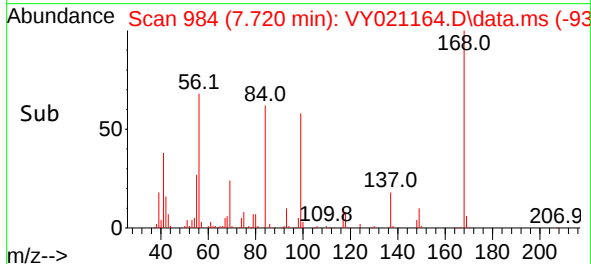
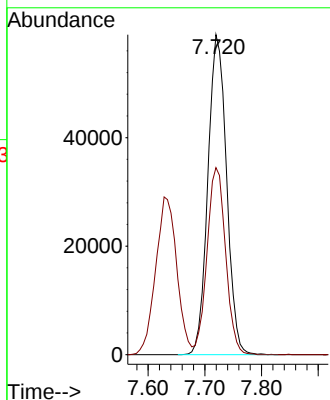
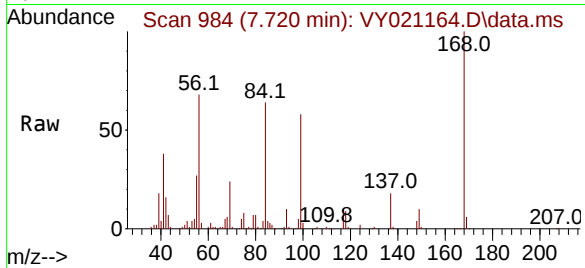




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
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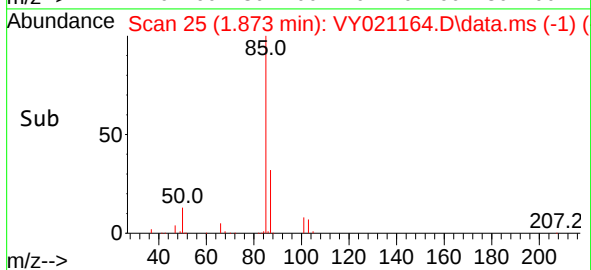
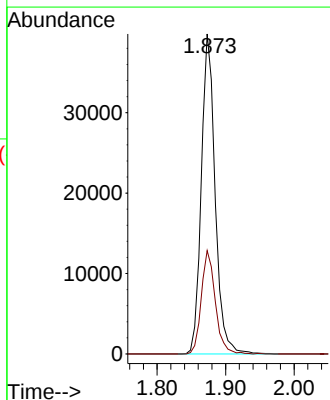
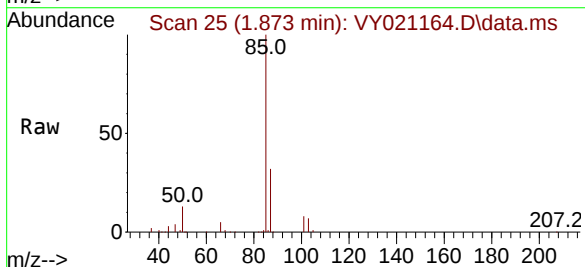
Instrument :
MSVOA_Y
ClientSampleId :

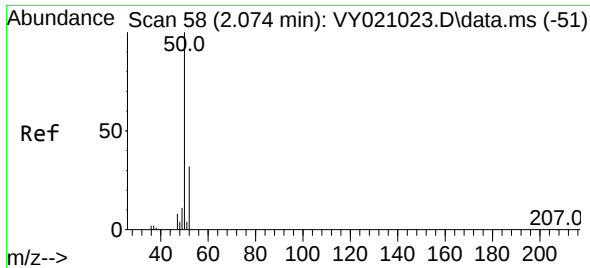
Tgt Ion:168 Resp: 134661
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 46.609 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 85 Resp: 55941
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3

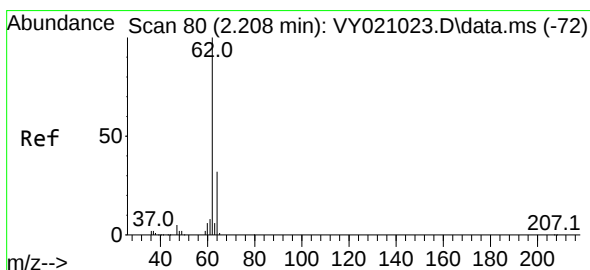
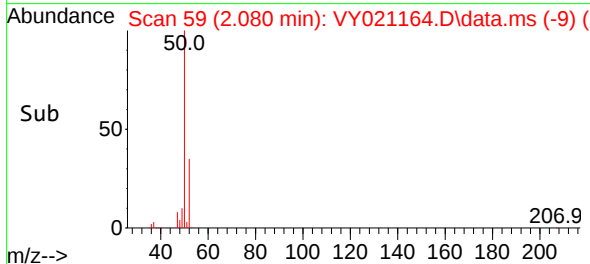
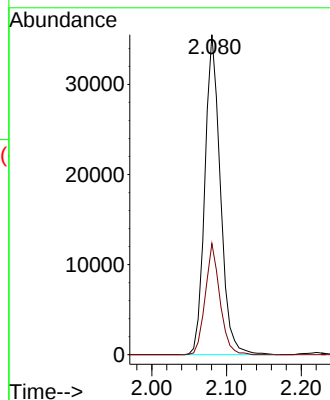
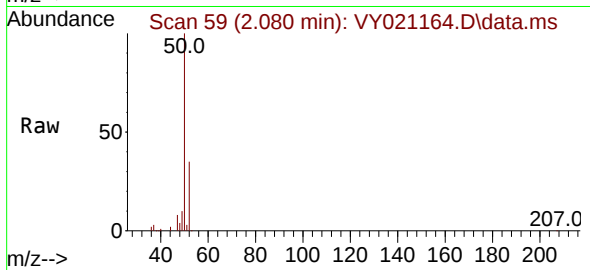




#3
Chloromethane
Concen: 43.321 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

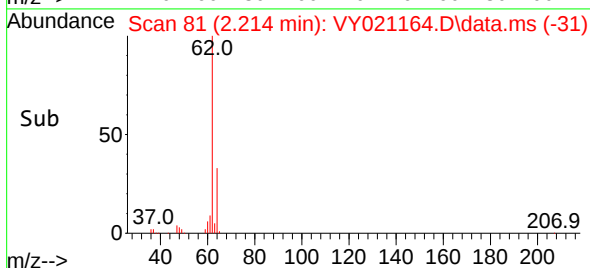
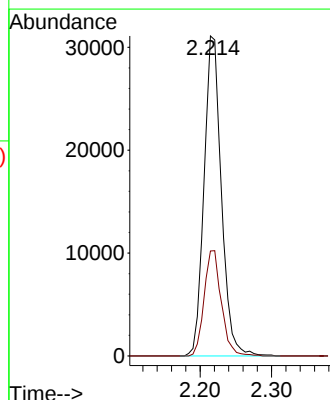
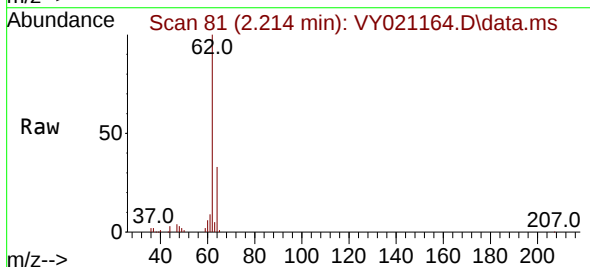
Instrument :
MSVOA_Y
ClientSampleId :

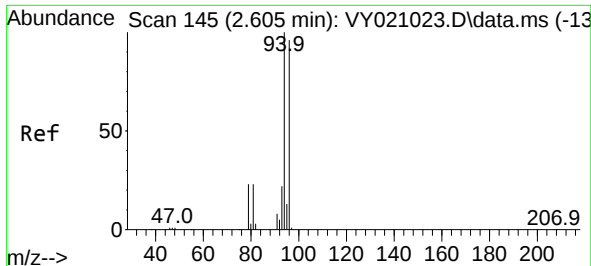
Tgt Ion: 50 Resp: 51307
Ion Ratio Lower Upper
50 100
52 34.8 26.7 40.1



#4
Vinyl Chloride
Concen: 43.955 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 62 Resp: 52398
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5

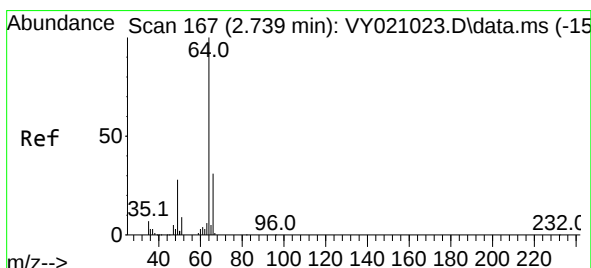
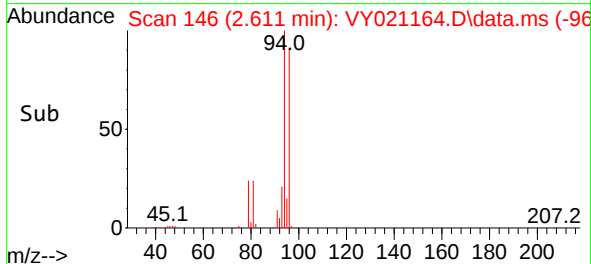
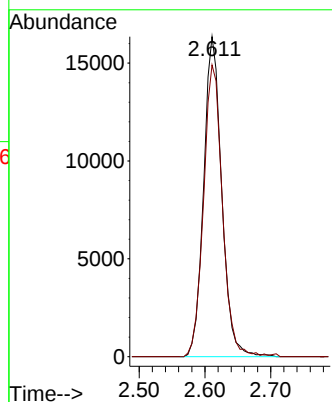
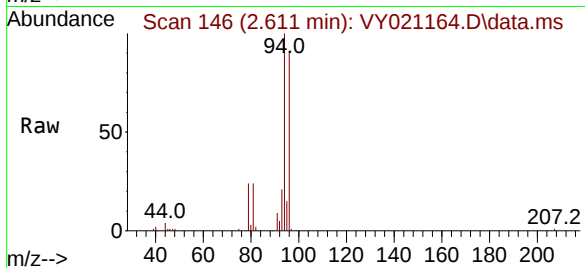




#5
Bromomethane
Concen: 42.447 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

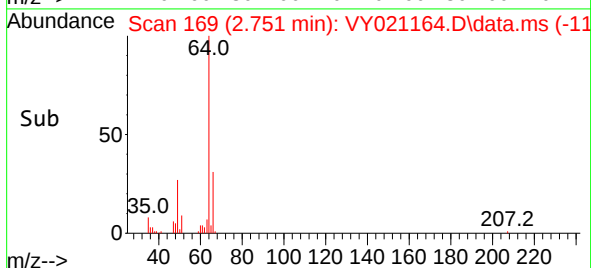
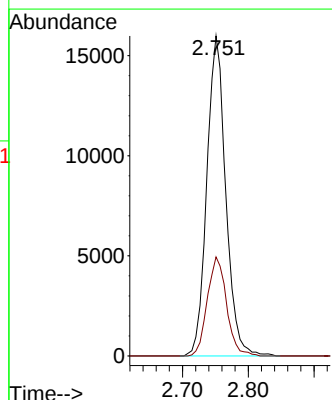
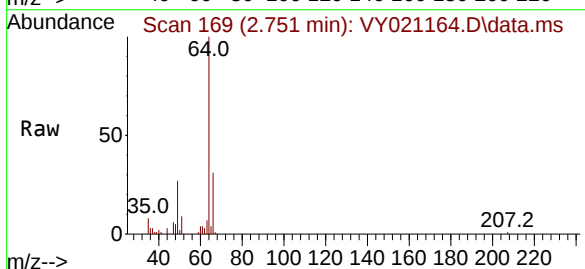
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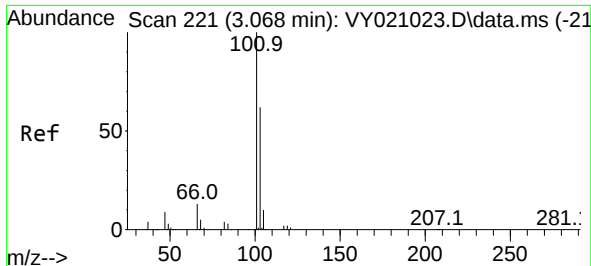
Tgt Ion: 94 Resp: 31274
Ion Ratio Lower Upper
94 100
96 91.2 77.3 115.9



#6
Chloroethane
Concen: 45.104 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 64 Resp: 32006
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7

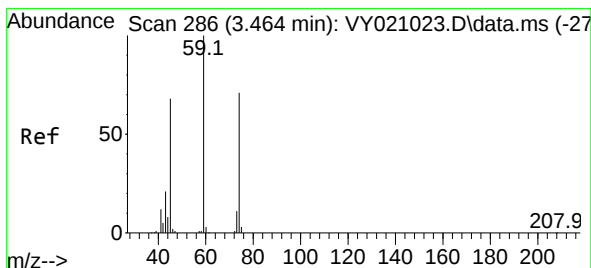
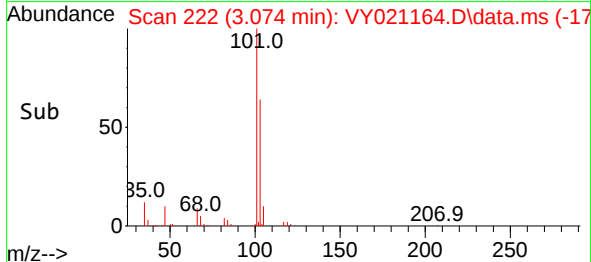
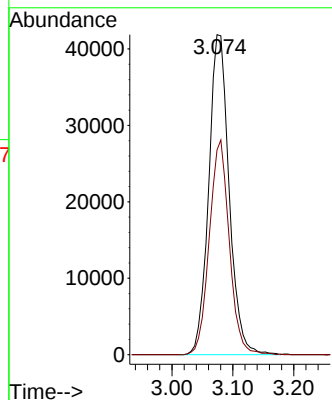
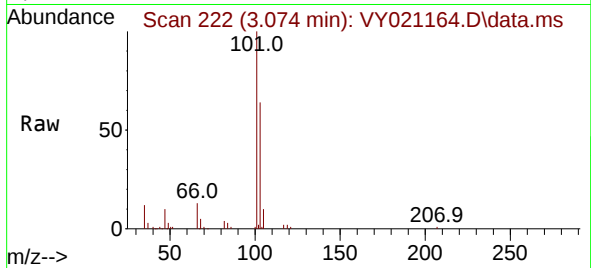




#7
Trichlorofluoromethane
Concen: 44.941 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

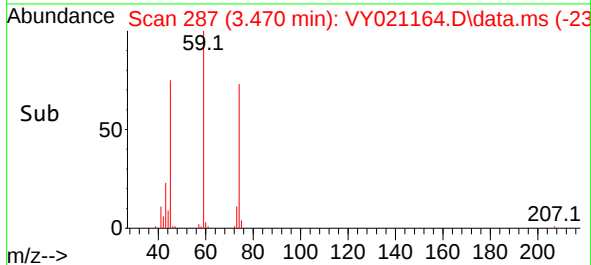
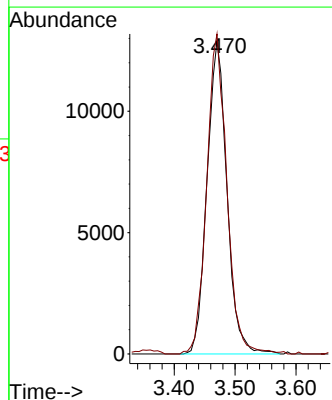
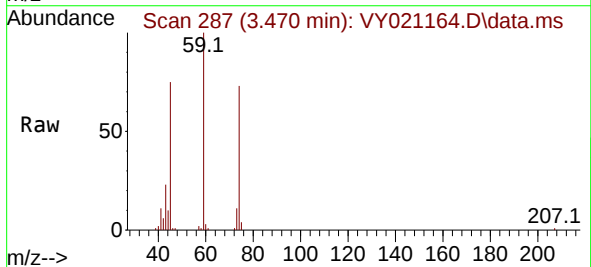
Instrument :
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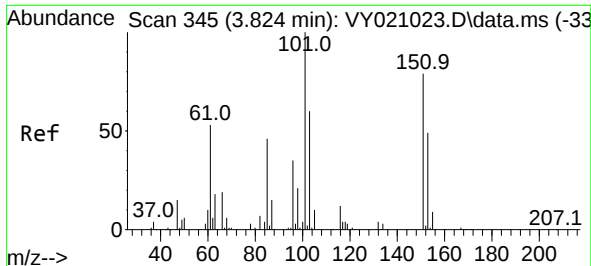
Tgt Ion:101 Resp: 97600
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9



#8
Diethyl Ether
Concen: 43.214 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021164.D
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Tgt Ion: 74 Resp: 29298
Ion Ratio Lower Upper
74 100
45 103.3 47.9 143.7

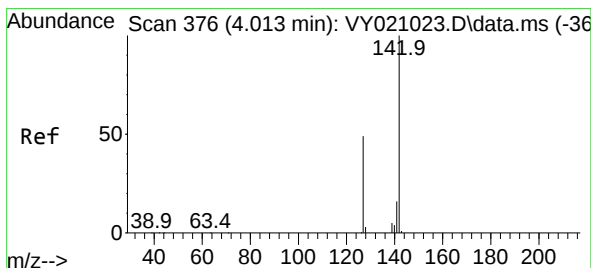
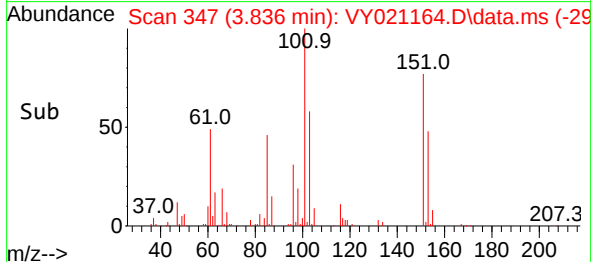
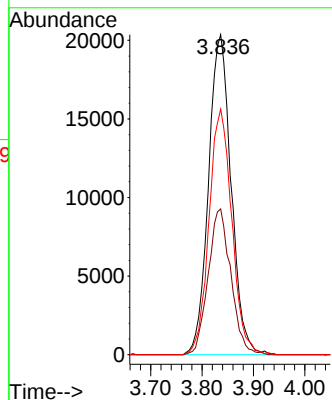
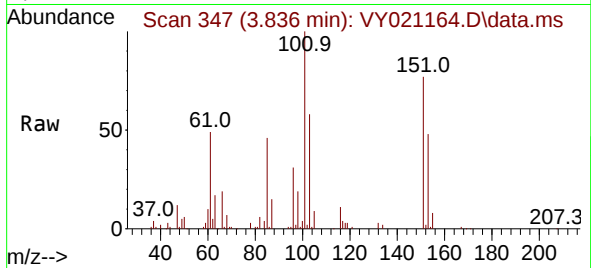




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.678 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

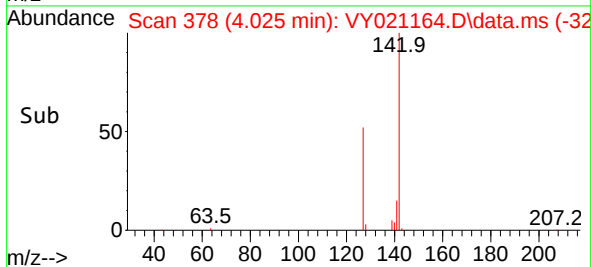
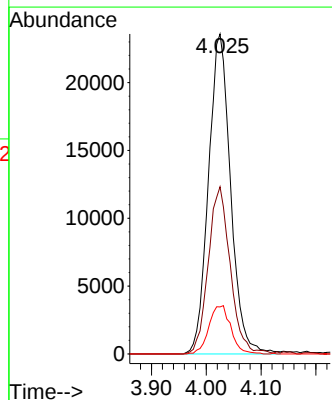
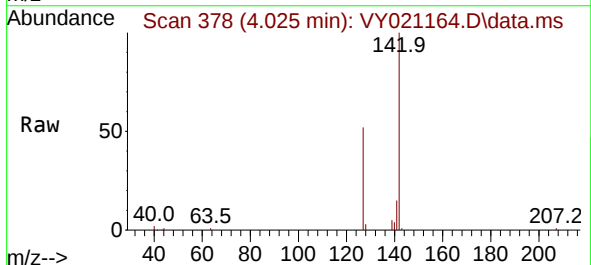
Instrument :
MSVOA_Y
ClientSampleId :

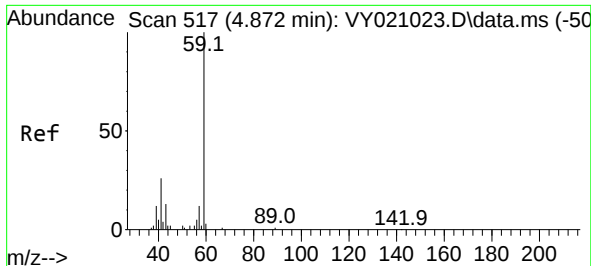
Tgt Ion:101 Resp: 62260
Ion Ratio Lower Upper
101 100
85 45.7 35.8 53.6
151 77.4 58.6 88.0



#10
Methyl Iodide
Concen: 43.653 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:142 Resp: 66104
Ion Ratio Lower Upper
142 100
127 51.9 35.1 52.7
141 15.0 11.8 17.6

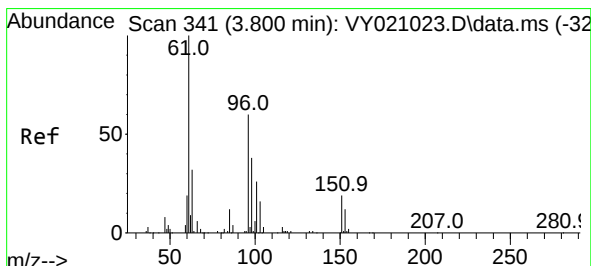
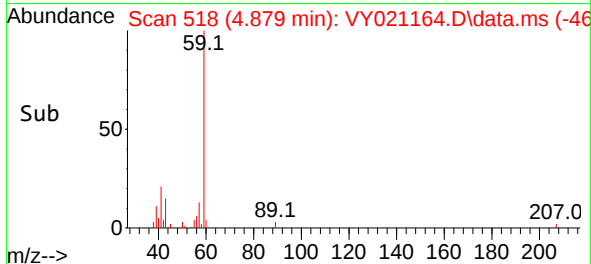
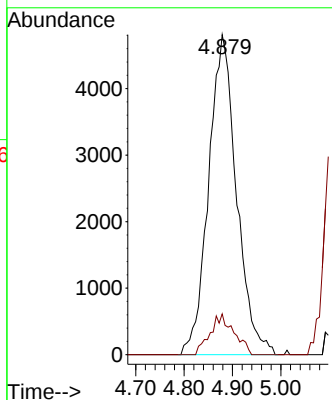
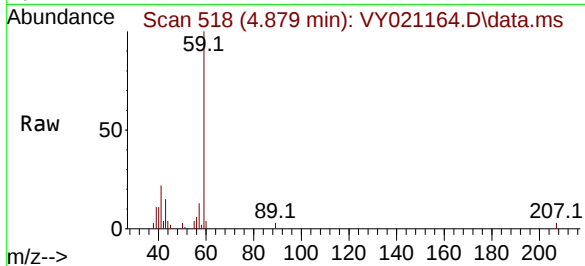




#11
Tert butyl alcohol
Concen: 206.253 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

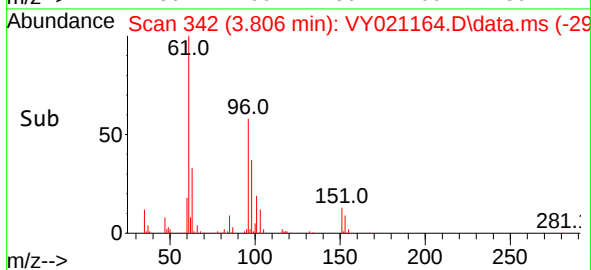
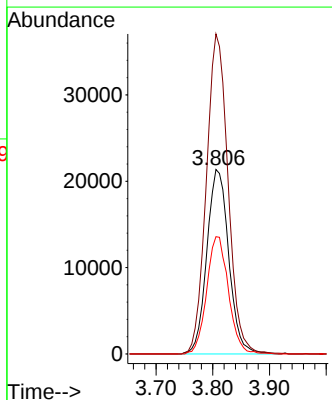
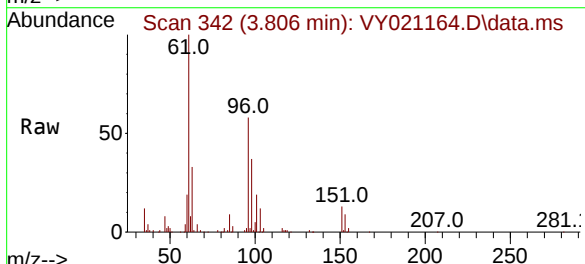
Instrument :
MSVOA_Y
ClientSampleId :

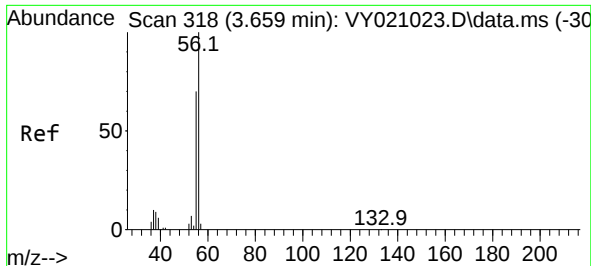
Tgt Ion: 59 Resp: 19284
Ion Ratio Lower Upper
59 100
57 10.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 44.793 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 96 Resp: 57513
Ion Ratio Lower Upper
96 100
61 173.4 124.2 186.2
98 63.5 52.6 79.0





#13

Acrolein

Concen: 169.447 ug/l

RT: 3.671 min Scan# 318

Delta R.T. 0.012 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

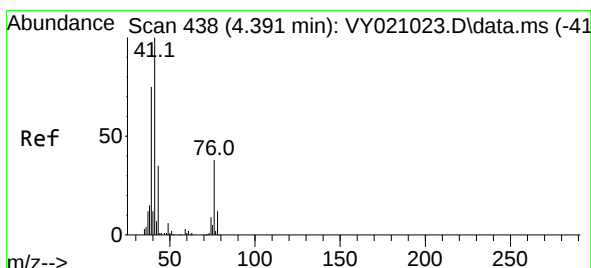
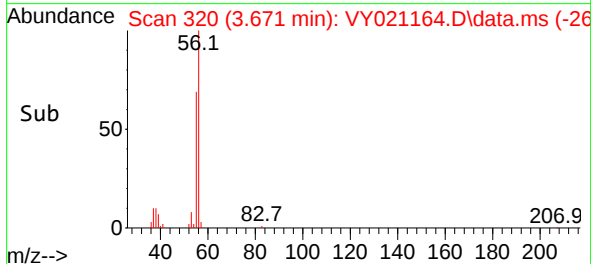
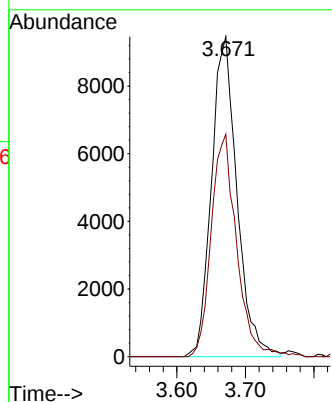
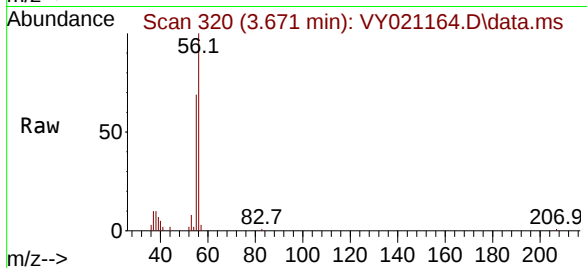
ClientSampleId :

Tgt Ion: 56 Resp: 24396

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0



#14

Allyl chloride

Concen: 45.856 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

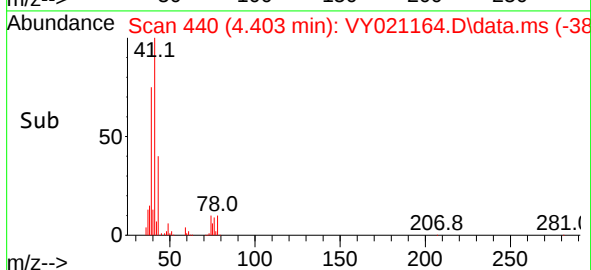
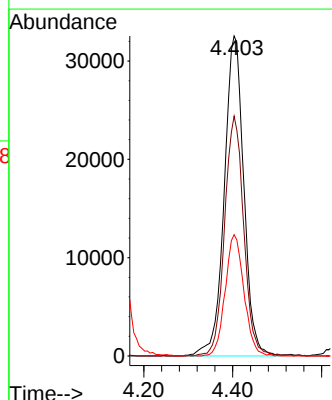
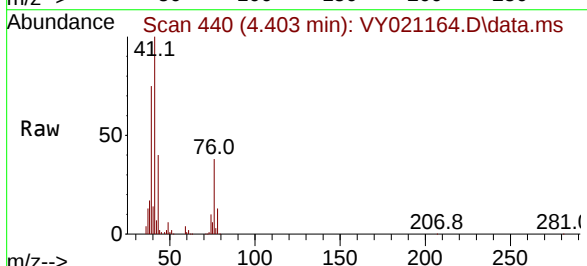
Tgt Ion: 41 Resp: 99230

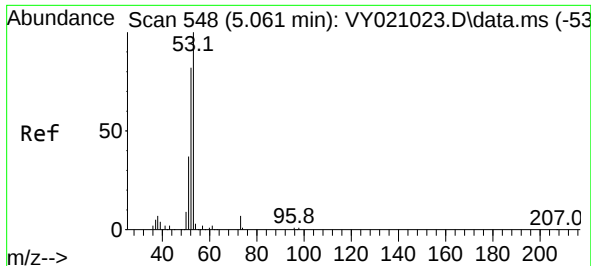
Ion Ratio Lower Upper

41 100

39 73.3 54.7 82.1

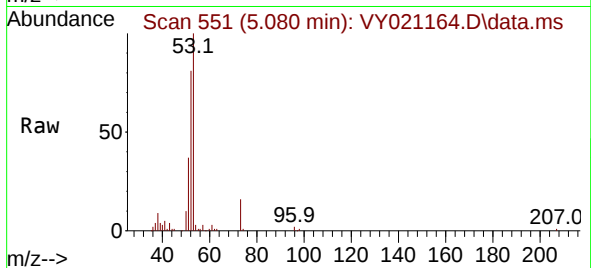
76 36.4 31.8 47.6



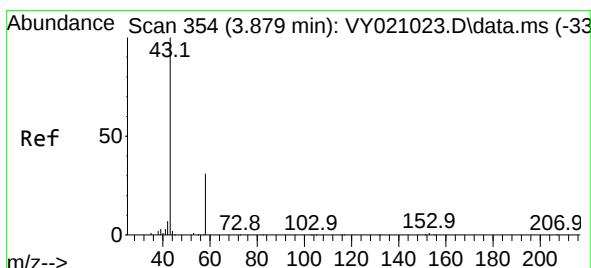
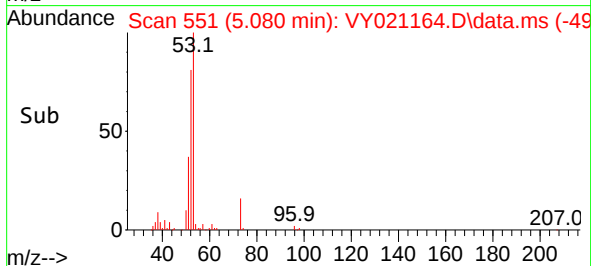
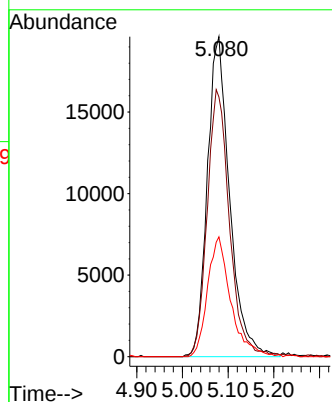


#15
Acrylonitrile
Concen: 235.680 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :

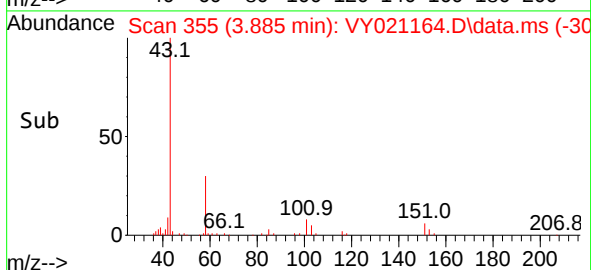
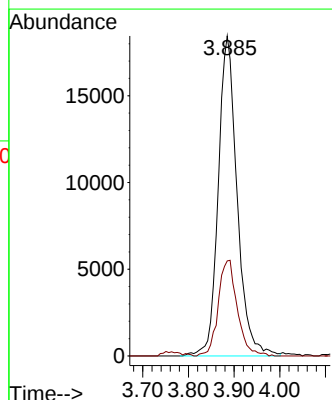
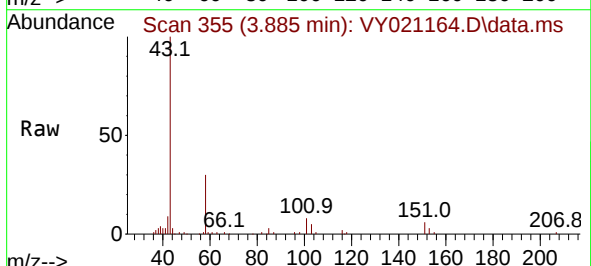


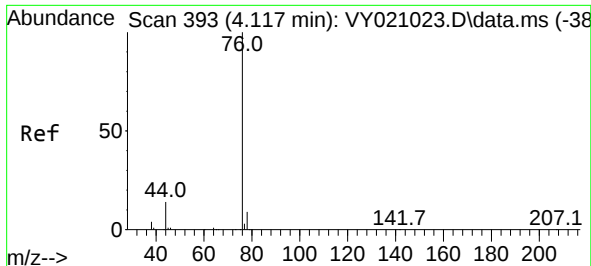
Tgt Ion: 53 Resp: 66537
Ion Ratio Lower Upper
53 100
52 83.5 65.1 97.7
51 39.0 29.0 43.4



#16
Acetone
Concen: 246.111 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 43 Resp: 52954
Ion Ratio Lower Upper
43 100
58 29.7 26.6 39.8

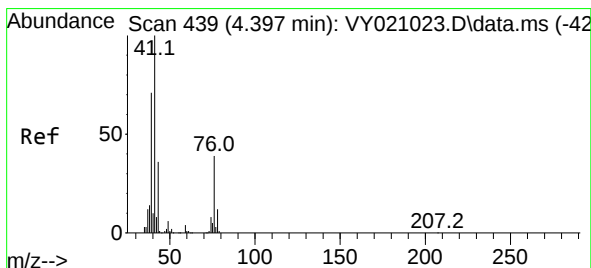
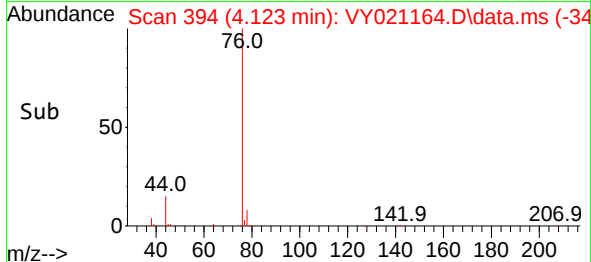
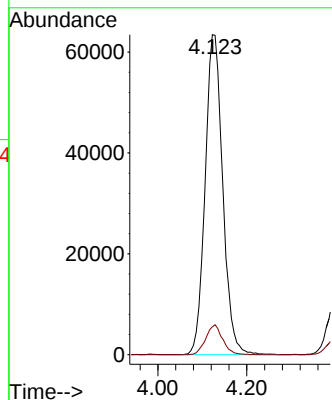
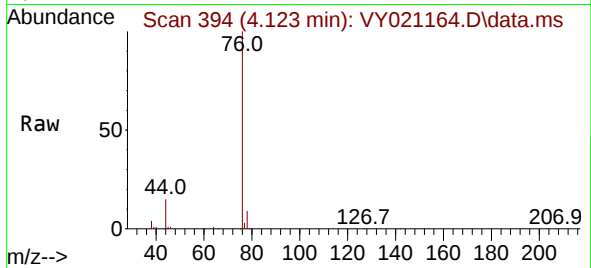




#17
Carbon Disulfide
Concen: 43.486 ug/l
RT: 4.123 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

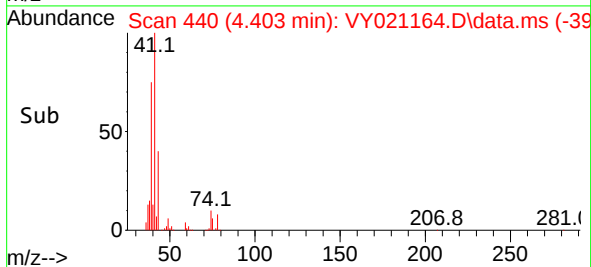
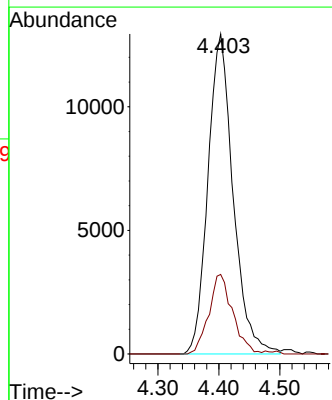
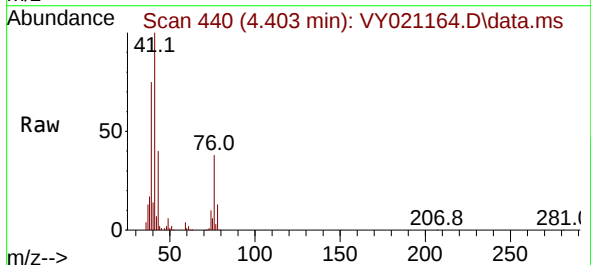
Instrument :
MSVOA_Y
ClientSampleId :

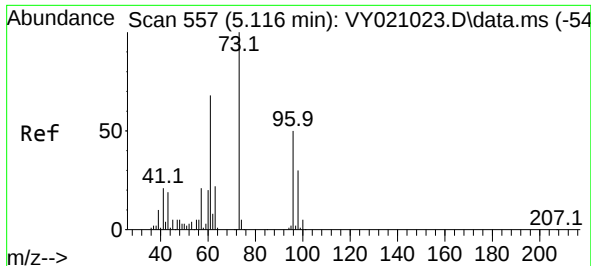
Tgt Ion: 76 Resp: 175083
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 49.153 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 43 Resp: 37126
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 47.366 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

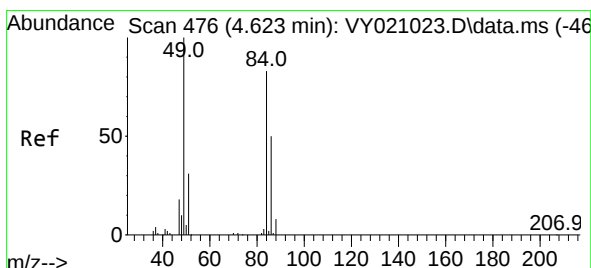
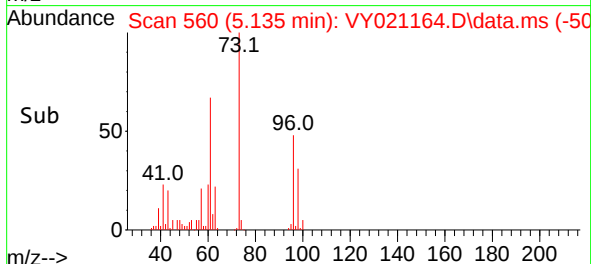
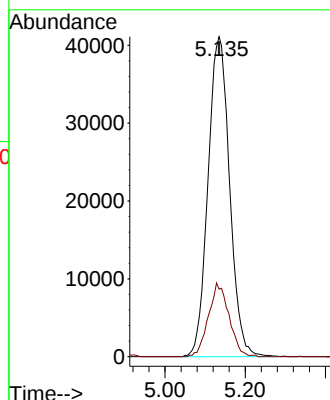
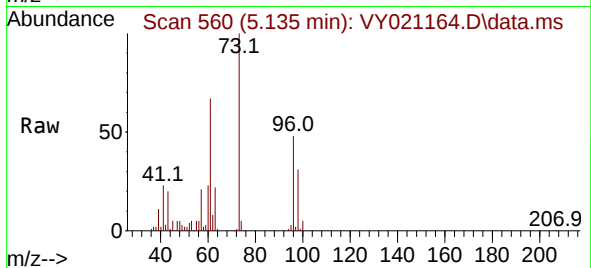
ClientSampleId :

Tgt Ion: 73 Resp: 153715

Ion Ratio Lower Upper

73 100

57 21.1 17.7 26.5



#20

Methylene Chloride

Concen: 45.287 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Tgt Ion: 84 Resp: 60575

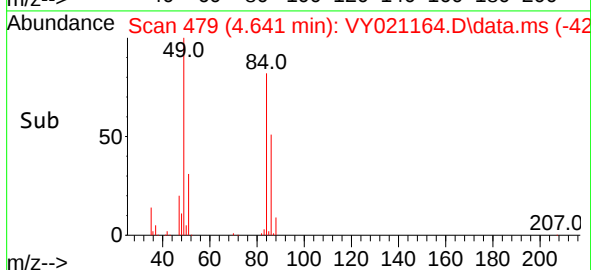
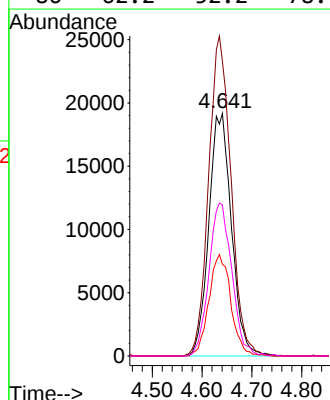
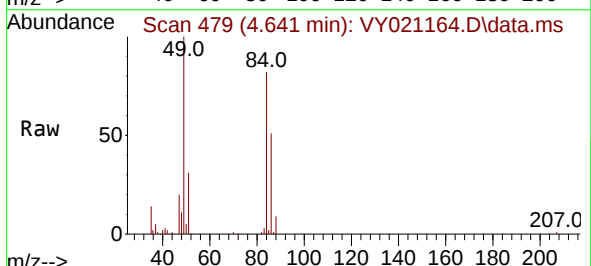
Ion Ratio Lower Upper

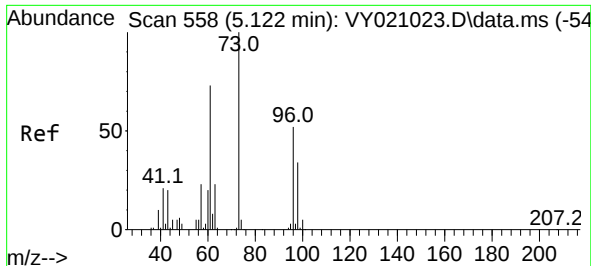
84 100

49 121.4 95.2 142.8

51 37.8 29.9 44.9

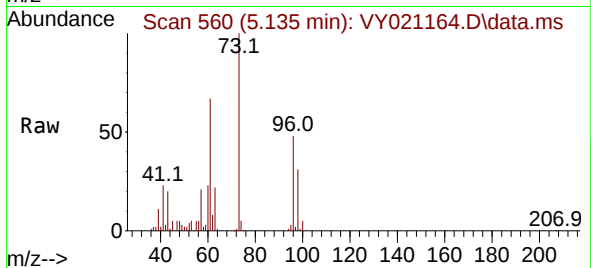
86 62.2 52.2 78.4



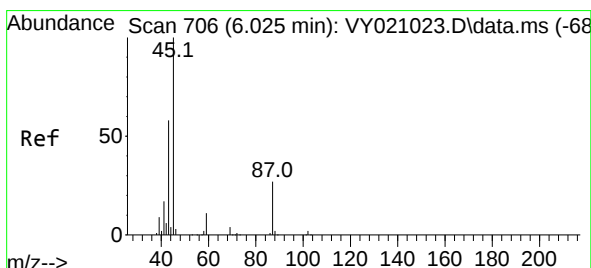
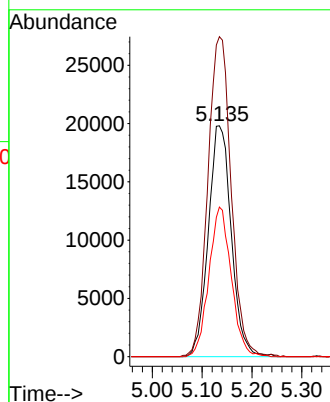
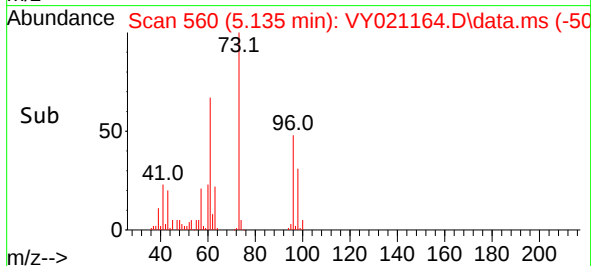


#21
trans-1,2-Dichloroethene
Concen: 44.818 ug/l
RT: 5.135 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

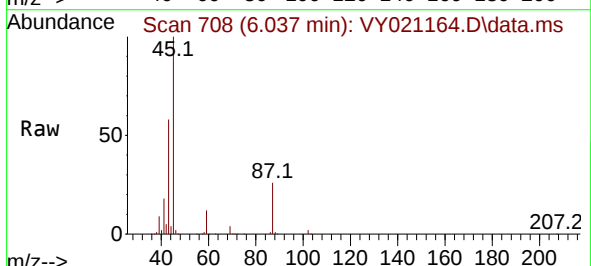
Instrument :
MSVOA_Y
ClientSampleId :



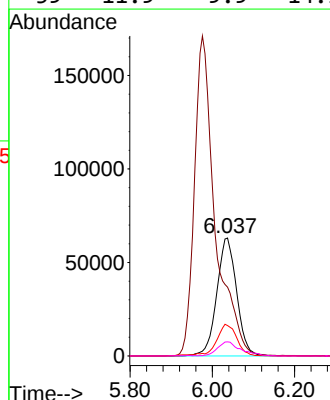
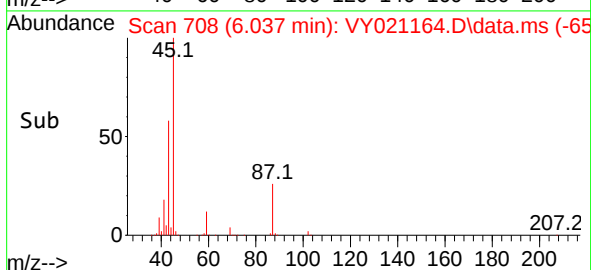
Tgt Ion: 96 Resp: 63342
Ion Ratio Lower Upper
96 100
61 138.6 104.6 156.8
98 64.8 50.9 76.3

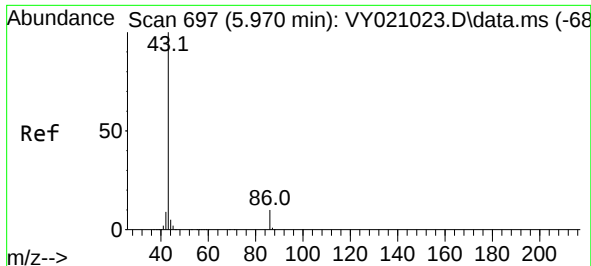


#22
Diisopropyl ether
Concen: 47.476 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35



Tgt Ion: 45 Resp: 211758
Ion Ratio Lower Upper
45 100
43 58.0 46.8 70.2
87 25.8 22.2 33.2
59 11.9 9.9 14.9

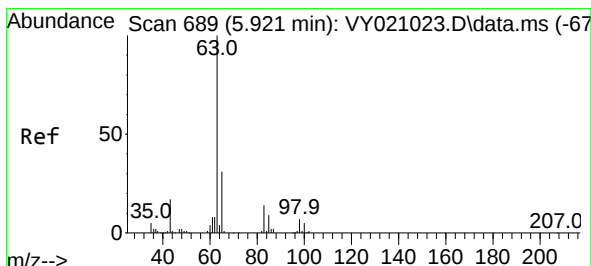
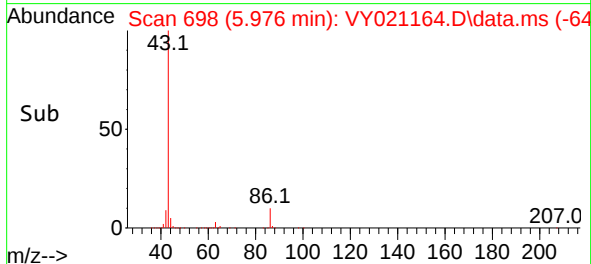
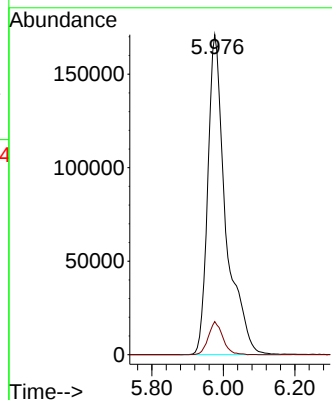
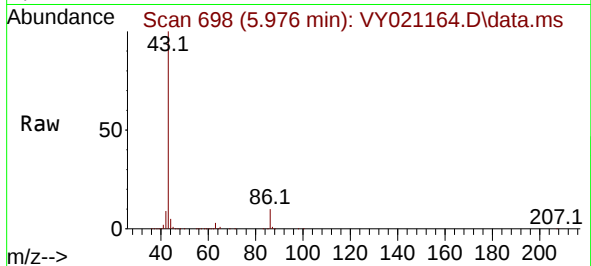




#23
 Vinyl Acetate
 Concen: 240.190 ug/l
 RT: 5.976 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

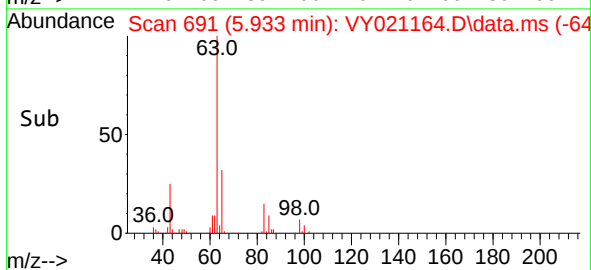
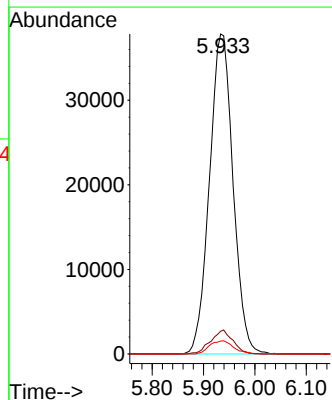
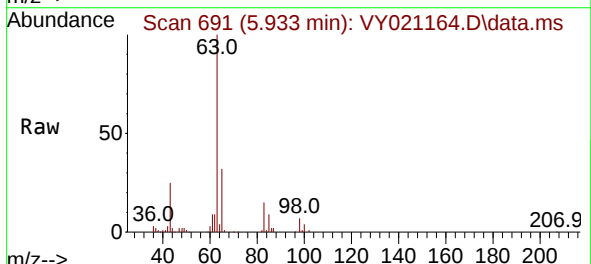
Instrument :
 MSVOA_Y
 ClientSampleId :

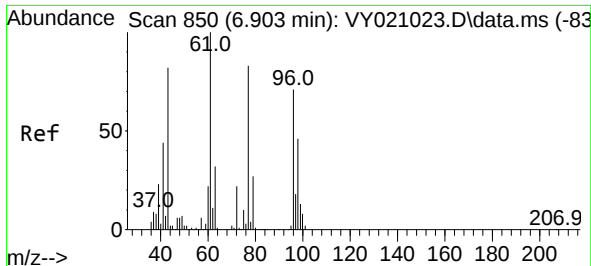
Tgt Ion: 43 Resp: 597221
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.078 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Tgt Ion: 63 Resp: 120412
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 241.720 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

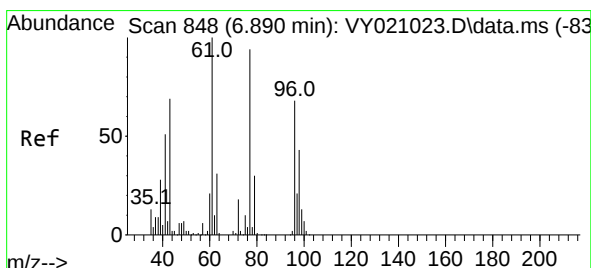
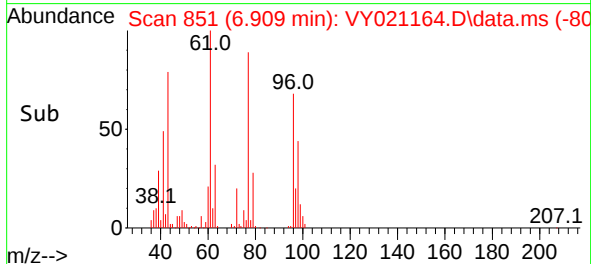
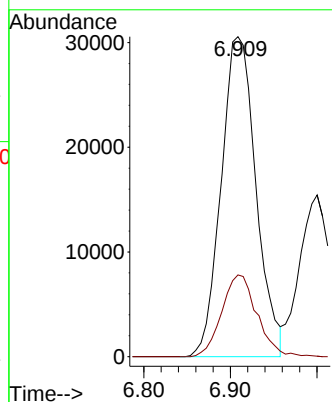
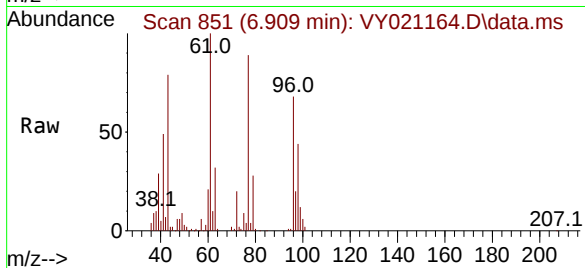
ClientSampleId :

Tgt Ion: 43 Resp: 85465

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 46.006 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021164.D

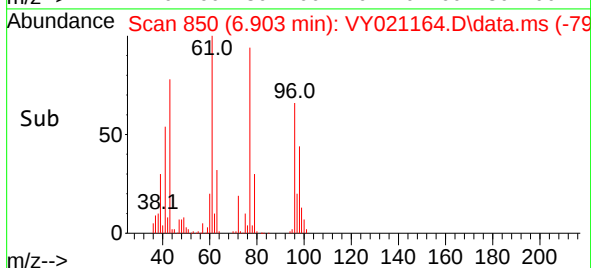
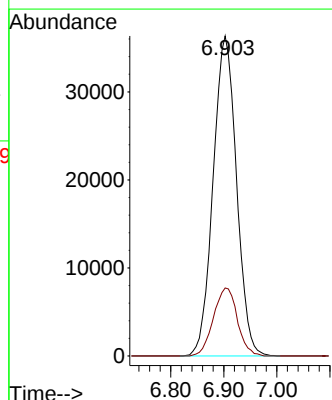
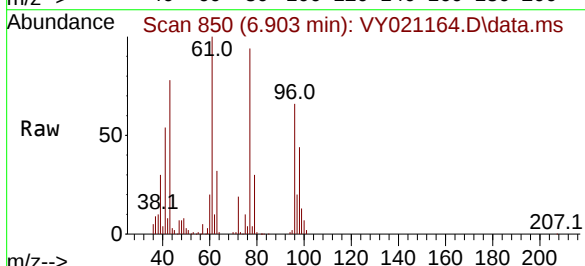
Acq: 11 Feb 2025 10:35

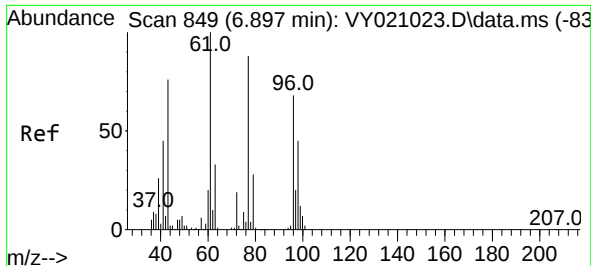
Tgt Ion: 77 Resp: 111243

Ion Ratio Lower Upper

77 100

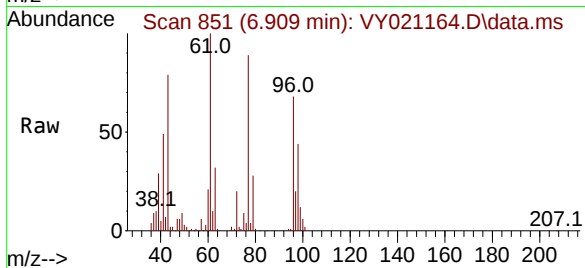
97 21.7 11.7 35.0



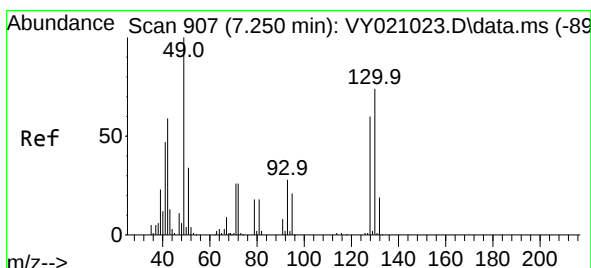
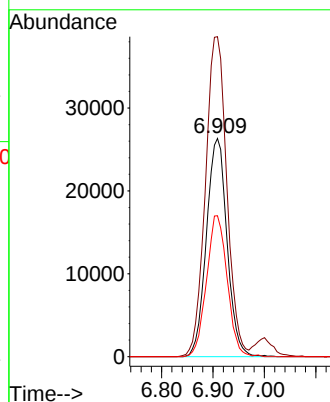
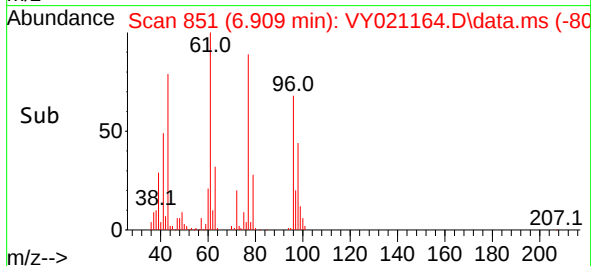


#27
 cis-1,2-Dichloroethene
 Concen: 45.234 ug/l
 RT: 6.909 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Instrument :
 MSVOA_Y
 ClientSampleId :

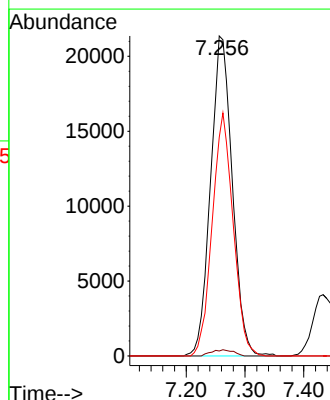
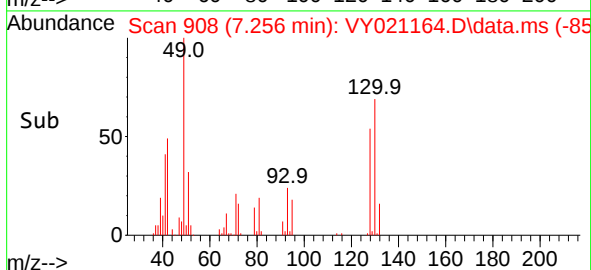
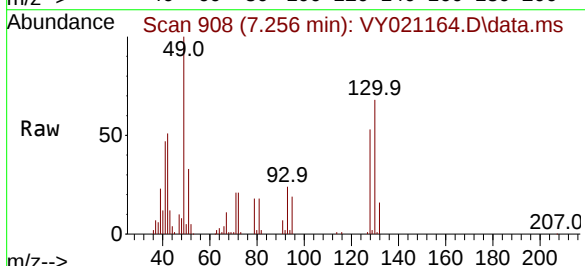


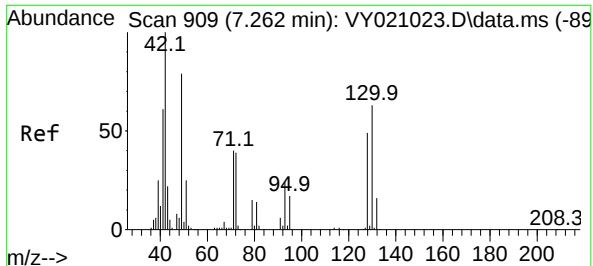
Tgt Ion: 96 Resp: 73586
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 278.8
 98 64.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 53.081 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Tgt Ion: 49 Resp: 54851
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 73.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 237.021 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

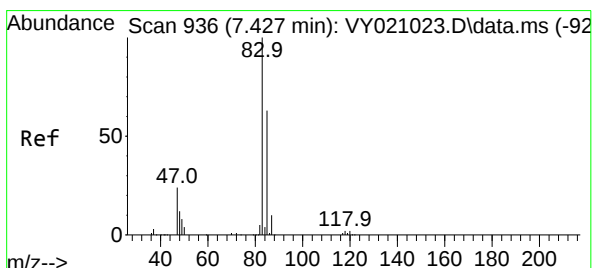
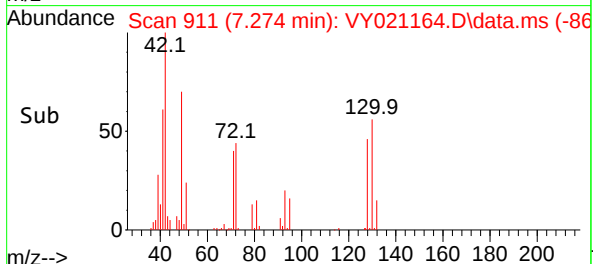
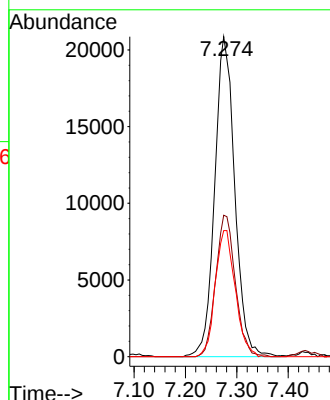
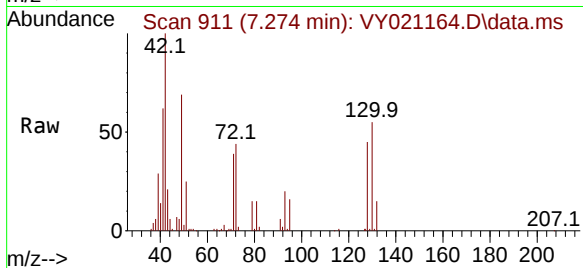
Tgt Ion: 42 Resp: 56707

Ion Ratio Lower Upper

42 100

72 43.3 36.6 54.8

71 39.2 33.8 50.6



#30

Chloroform

Concen: 46.095 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021164.D

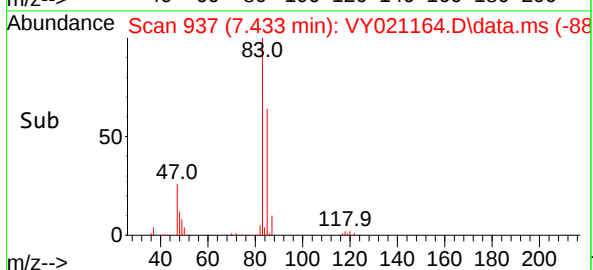
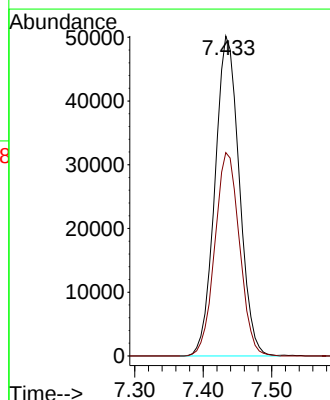
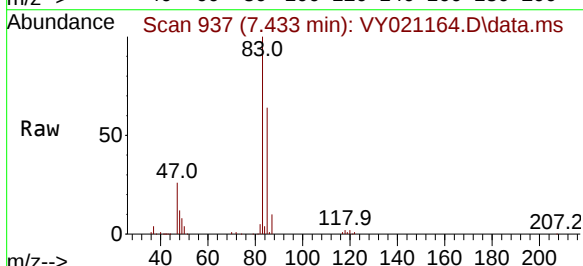
Acq: 11 Feb 2025 10:35

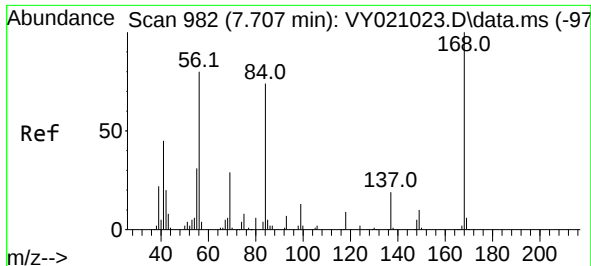
Tgt Ion: 83 Resp: 123729

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

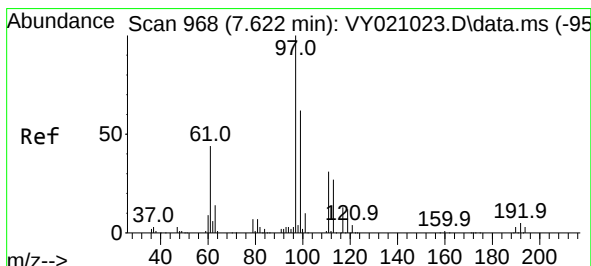
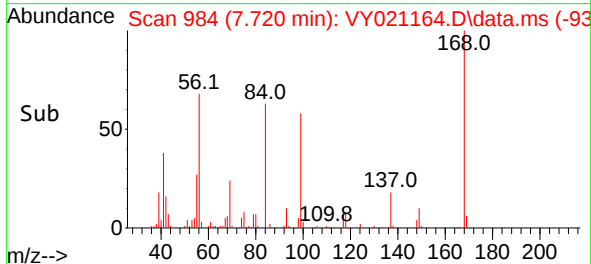
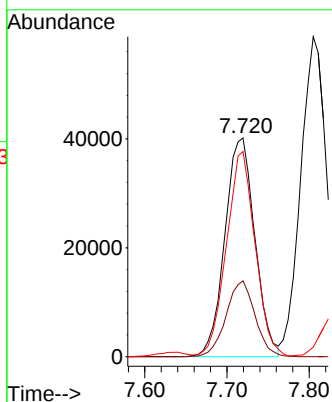
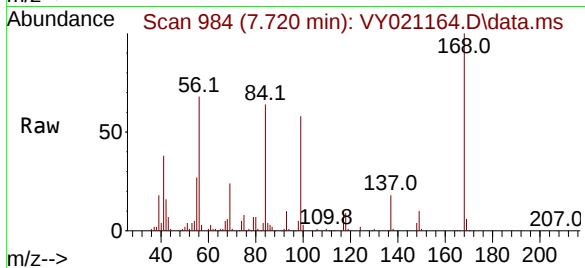




#31
Cyclohexane
Concen: 43.329 ug/l
RT: 7.720 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

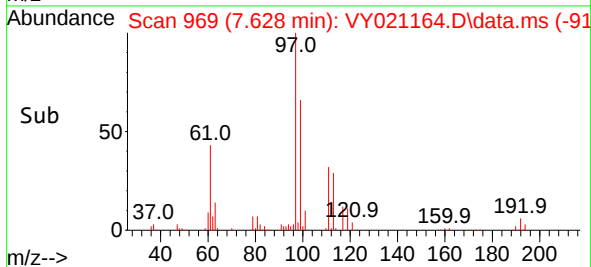
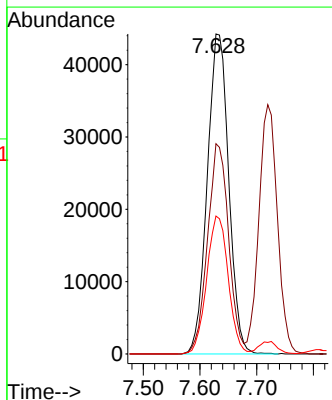
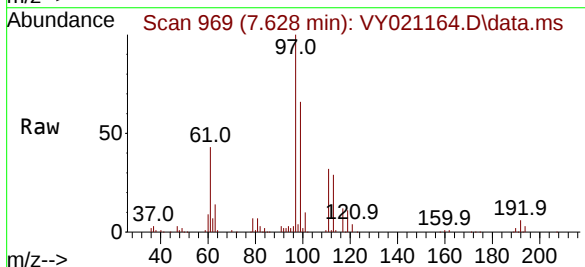
Instrument :
MSVOA_Y
ClientSampleId :

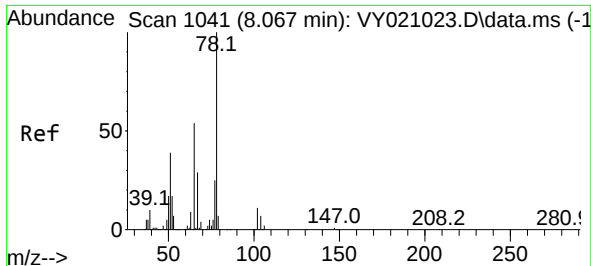
Tgt Ion: 56 Resp: 101966
Ion Ratio Lower Upper
56 100
69 34.7 27.0 40.6
84 91.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.606 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 97 Resp: 116310
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 43.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 54.155 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

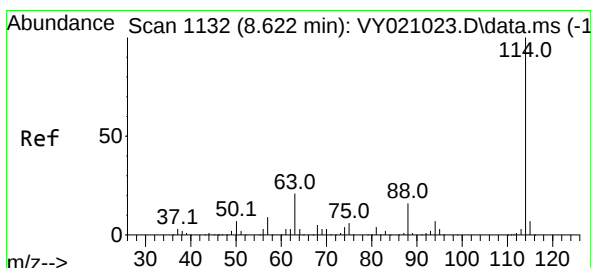
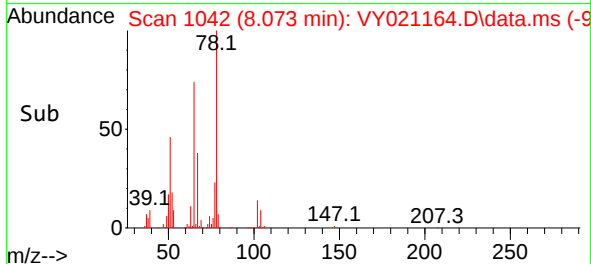
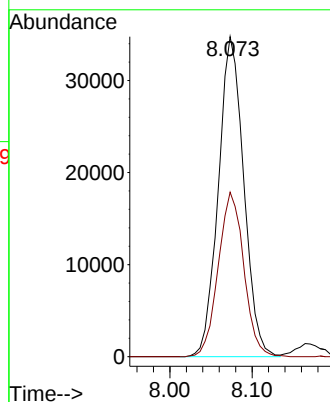
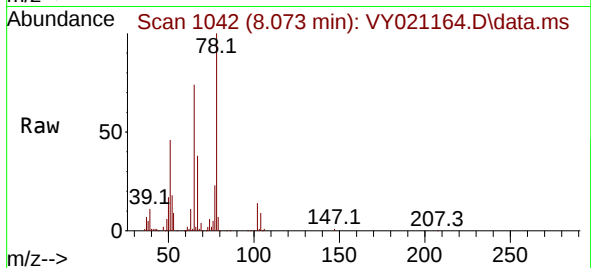
ClientSampleId :

Tgt Ion: 65 Resp: 74718

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

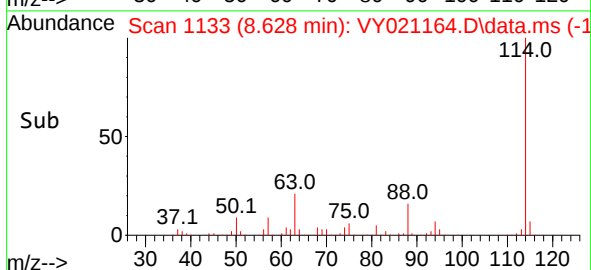
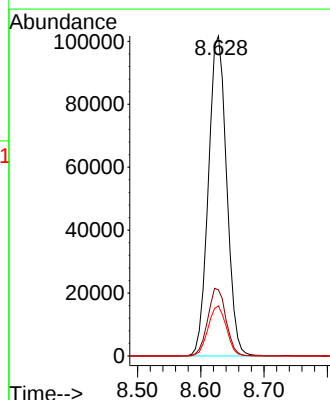
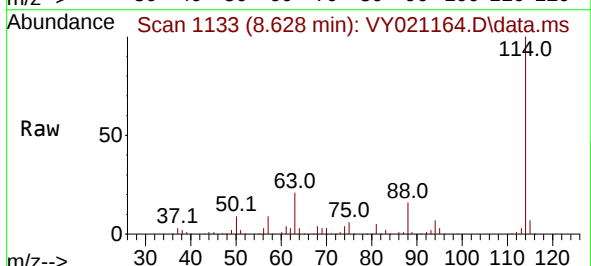
Tgt Ion: 114 Resp: 203688

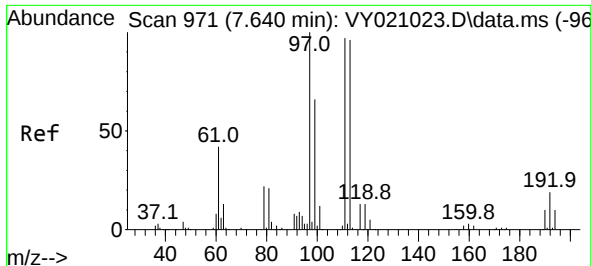
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

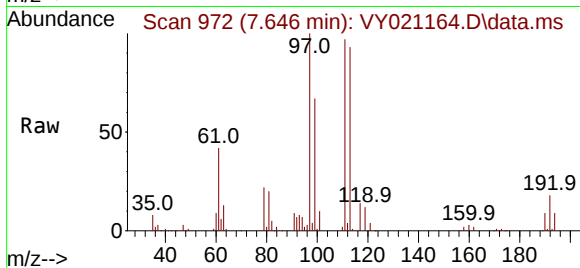
88 15.6 0.0 29.0



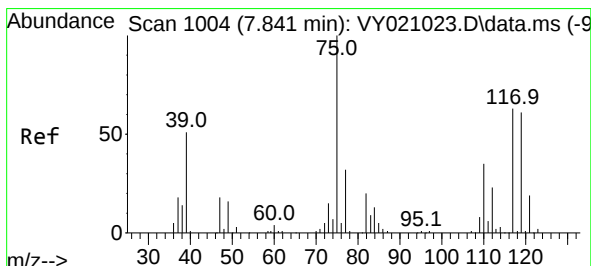
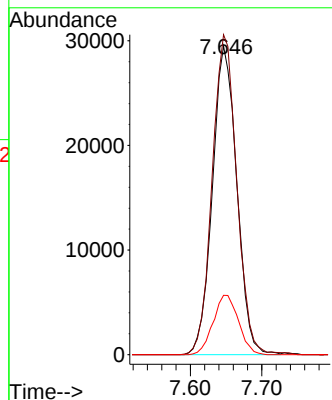
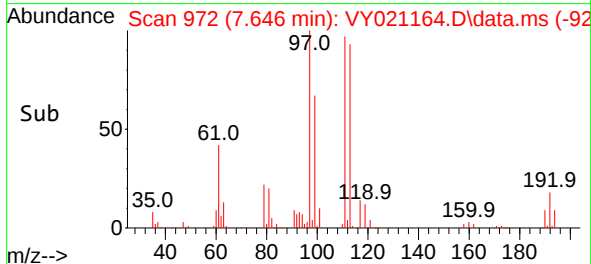


#35
Dibromofluoromethane
Concen: 53.515 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

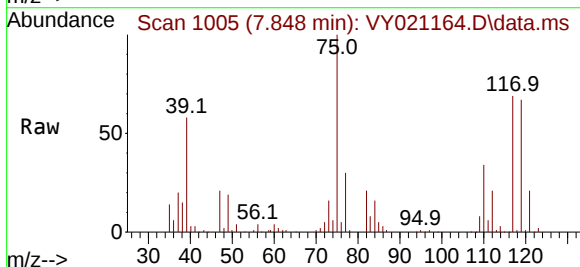
Instrument :
MSVOA_Y
ClientSampleId :



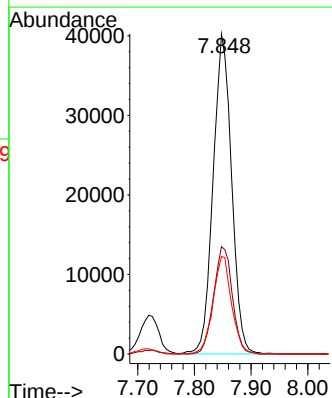
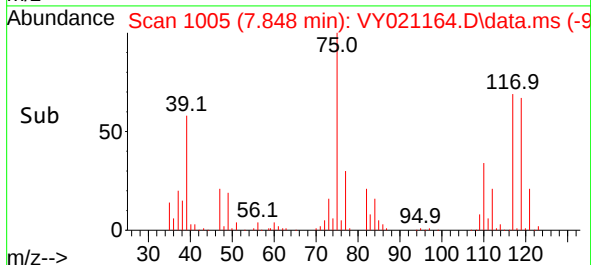
Tgt Ion:113 Resp: 69857
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 20.0 14.5 21.7

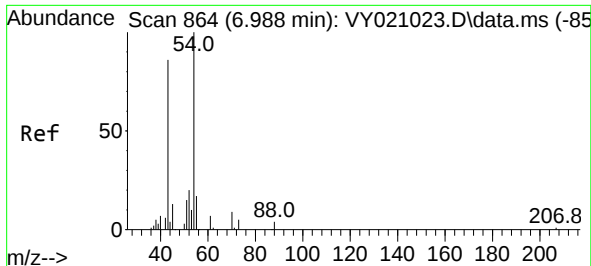


#36
1,1-Dichloropropene
Concen: 47.174 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35



Tgt Ion: 75 Resp: 91210
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 49.221 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

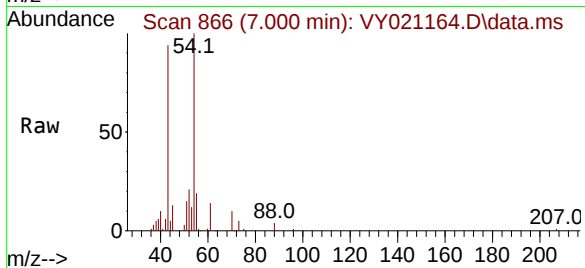
Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :



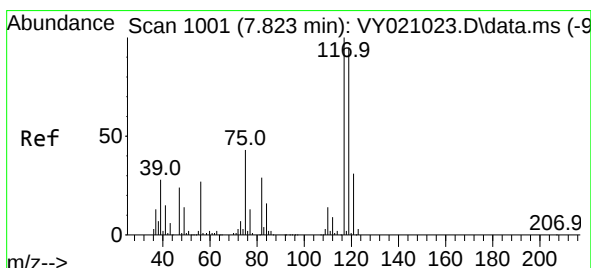
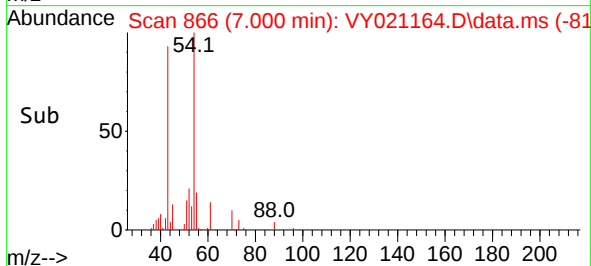
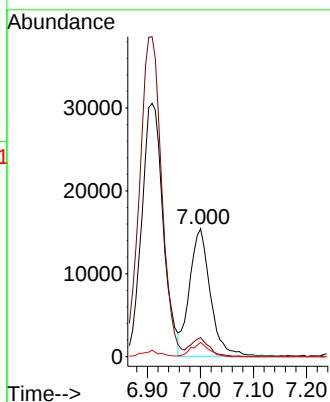
Tgt Ion: 43 Resp: 41749

Ion Ratio Lower Upper

43 100

61 13.4 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 47.473 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

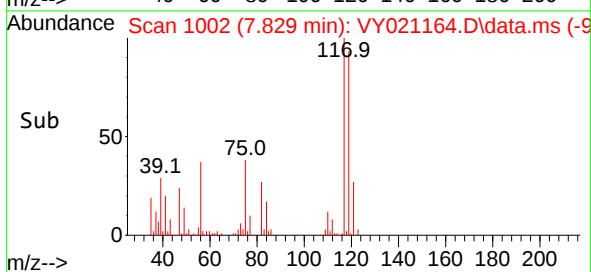
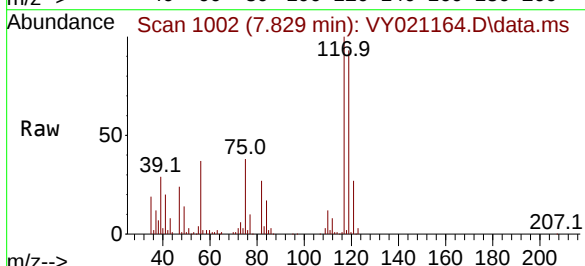
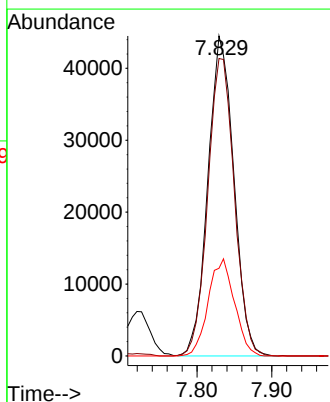
Tgt Ion: 117 Resp: 107251

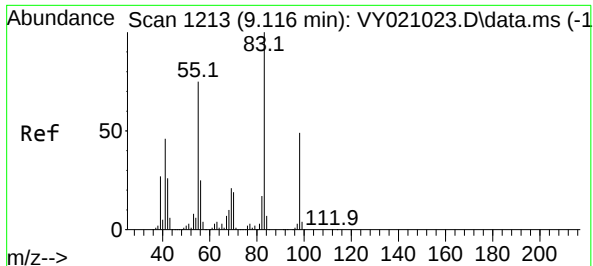
Ion Ratio Lower Upper

117 100

119 92.9 76.0 114.0

121 27.4 24.2 36.2





#39

Methylcyclohexane

Concen: 47.424 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

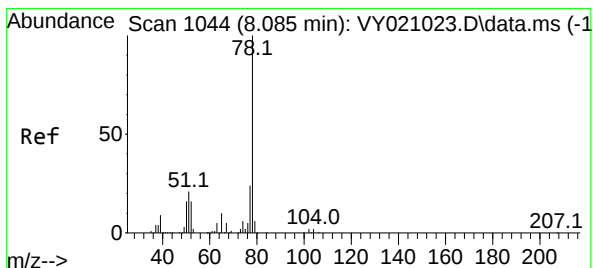
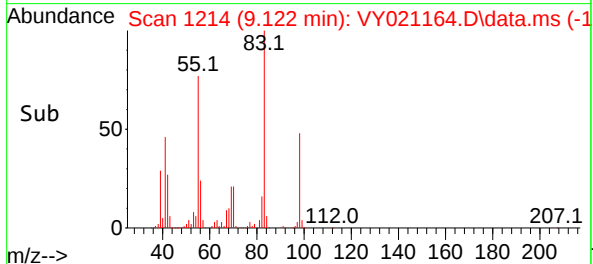
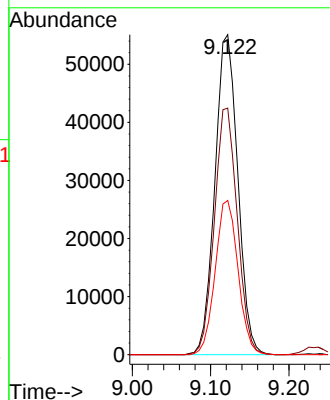
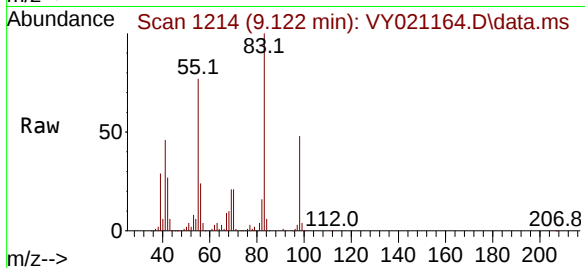
Tgt Ion: 83 Resp: 112159

Ion Ratio Lower Upper

83 100

55 77.1 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 46.744 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021164.D

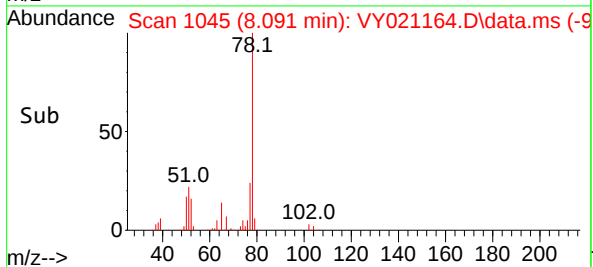
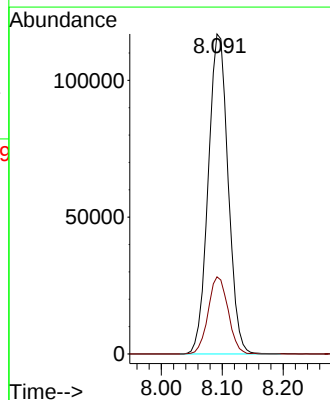
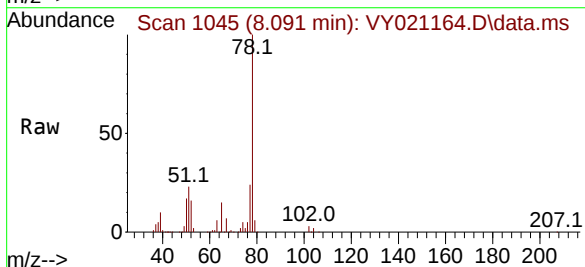
Acq: 11 Feb 2025 10:35

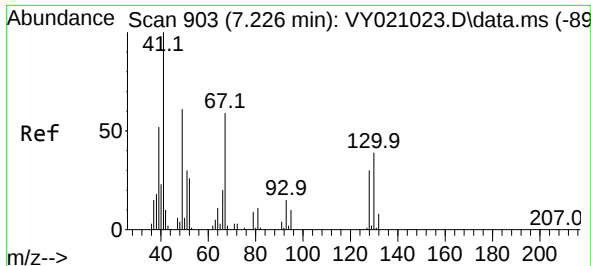
Tgt Ion: 78 Resp: 265230

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

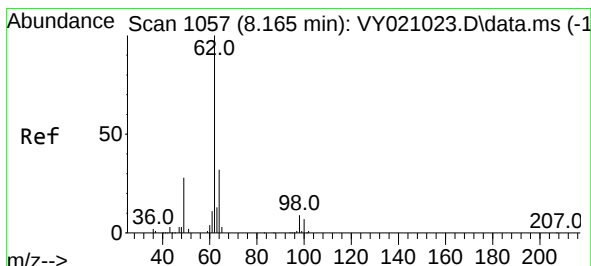
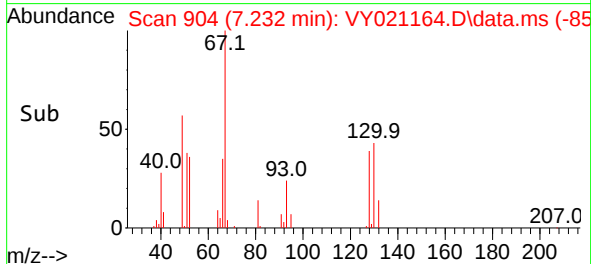
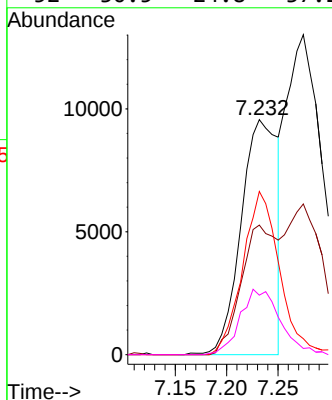
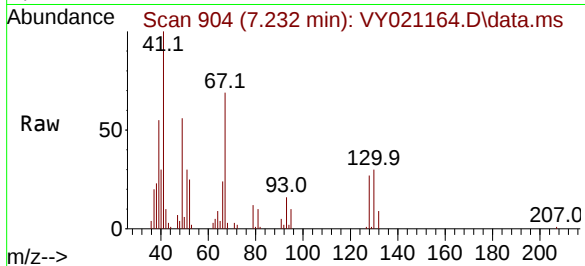




#41
Methacrylonitrile
Concen: 48.075 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

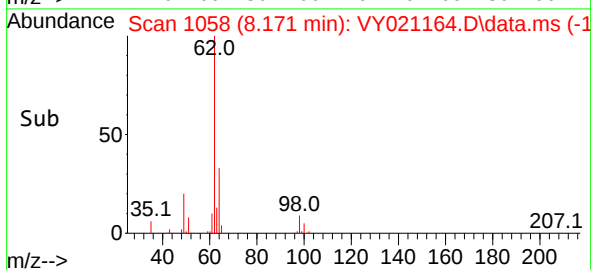
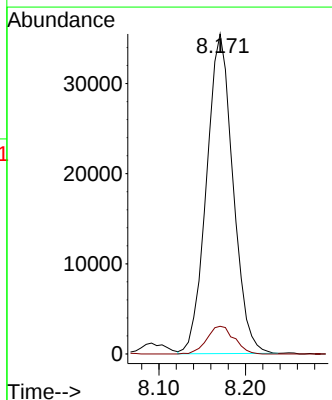
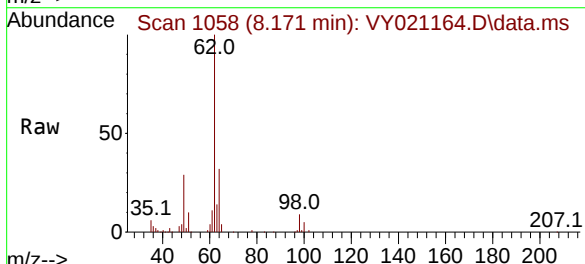
Instrument :
MSVOA_Y
ClientSampleId :

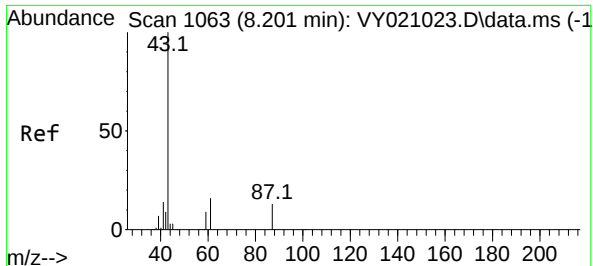
Tgt Ion:	41	Resp:	23591
Ion Ratio	Lower	Upper	
41	100		
39	54.0	41.9	62.9
67	70.4	59.8	89.6
52	30.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 47.914 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:	62	Resp:	75417
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	20.2

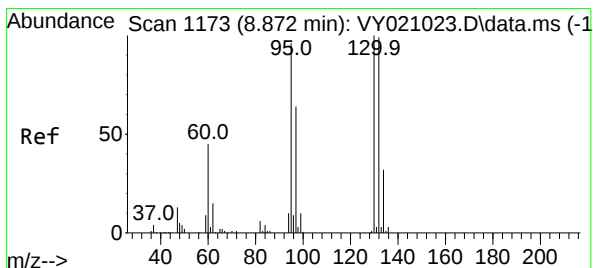
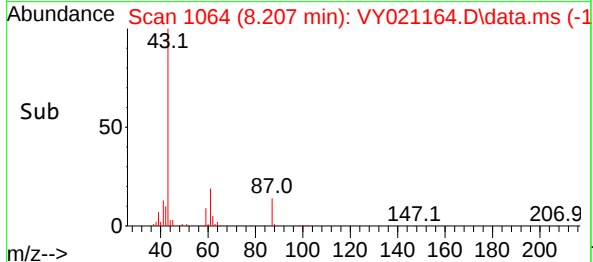
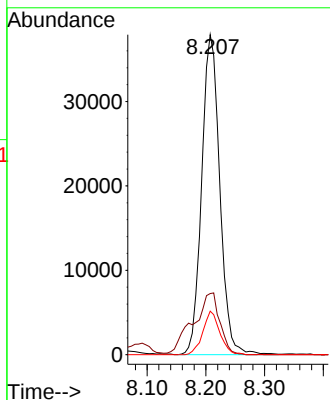
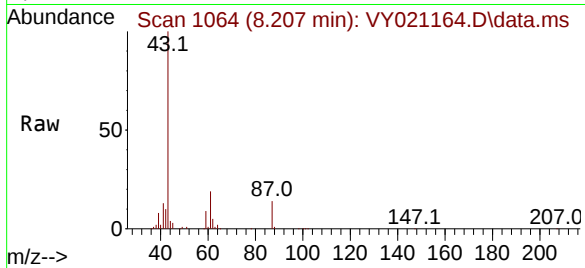




#43
Isopropyl Acetate
Concen: 48.296 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

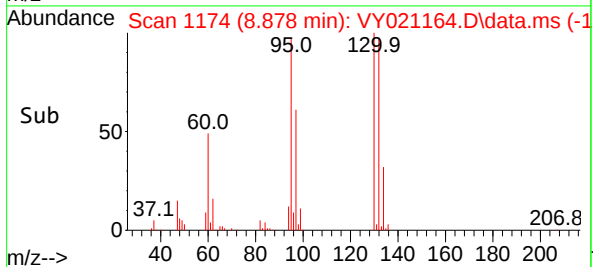
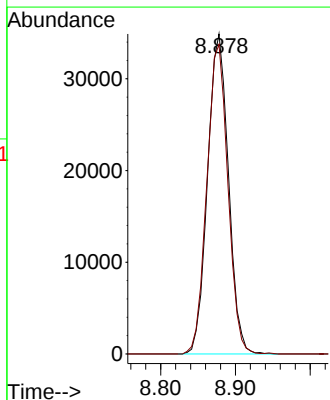
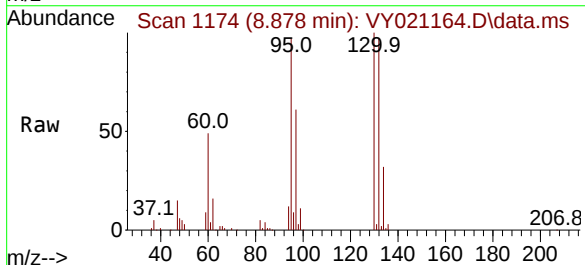
Instrument :
MSVOA_Y
ClientSampleId :

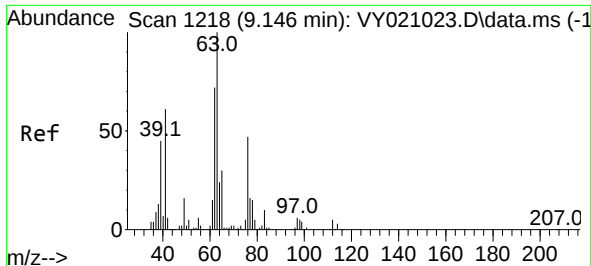
Tgt Ion: 43 Resp: 81398
Ion Ratio Lower Upper
43 100
61 28.5 24.8 37.2
87 12.7 10.7 16.1



#44
Trichloroethene
Concen: 46.181 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:130 Resp: 67699
Ion Ratio Lower Upper
130 100
95 96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 45.917 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

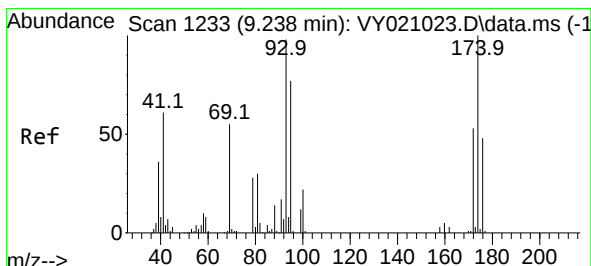
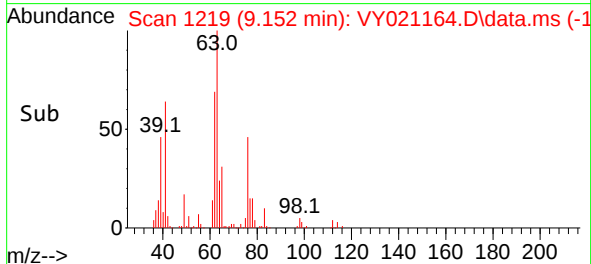
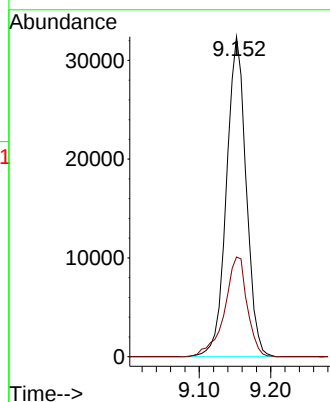
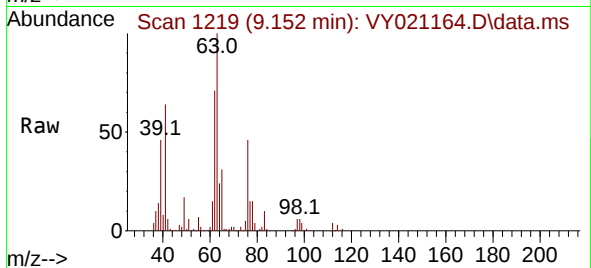
ClientSampleId :

Tgt Ion: 63 Resp: 61839

Ion Ratio Lower Upper

63 100

65 31.2 24.6 36.8



#46

Dibromomethane

Concen: 47.433 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

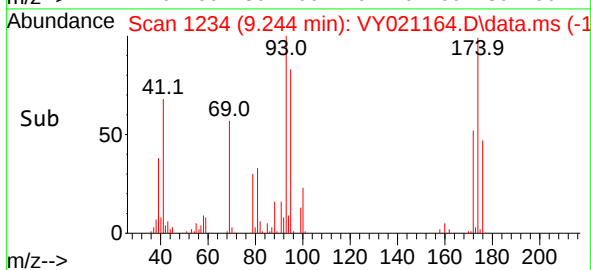
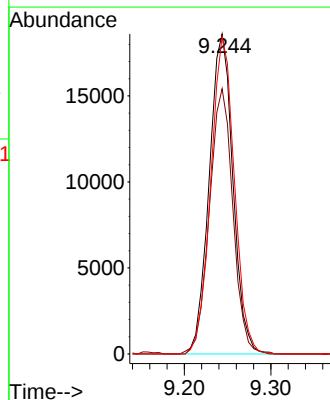
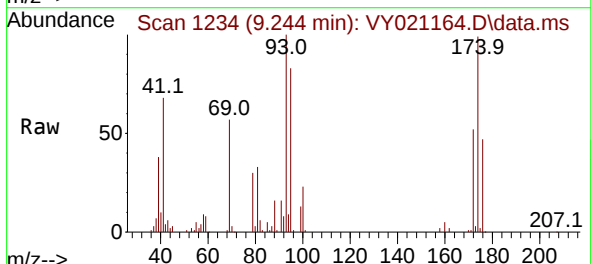
Tgt Ion: 93 Resp: 35369

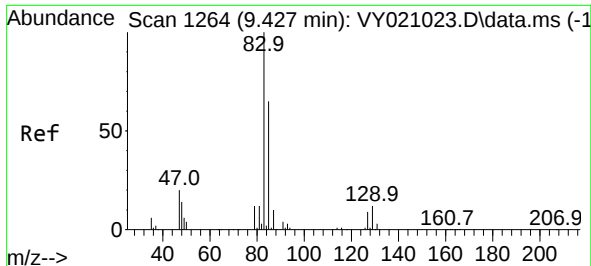
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

174 98.5 73.8 110.6

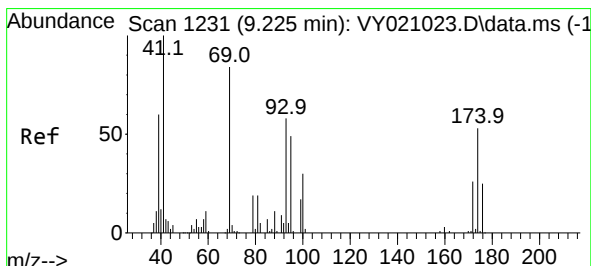
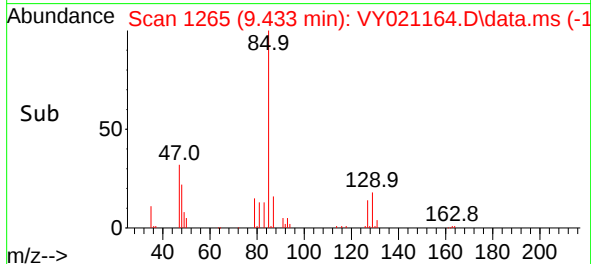
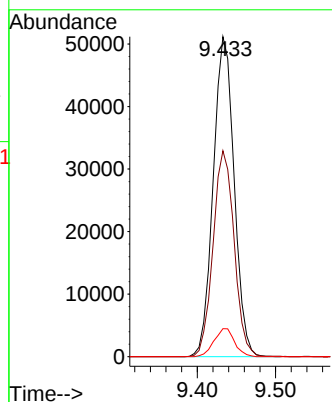
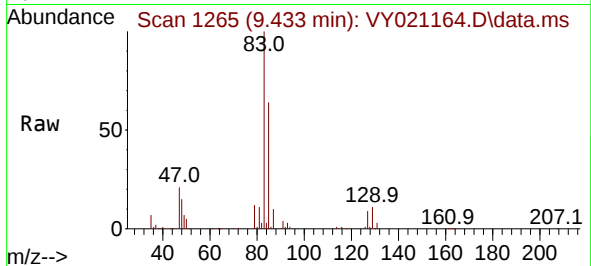




#47
Bromodichloromethane
Concen: 47.435 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

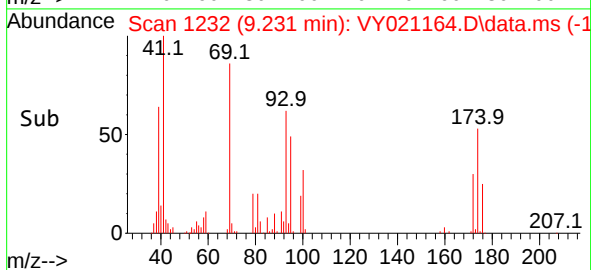
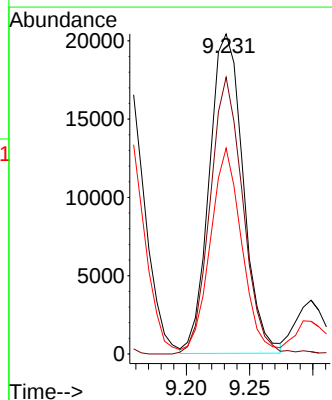
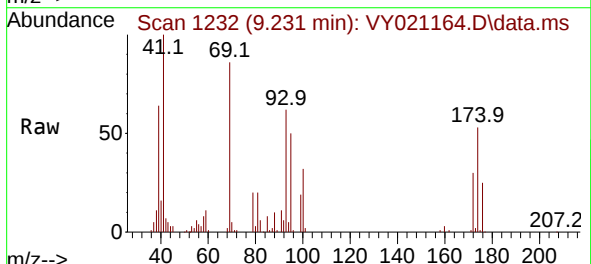
Instrument :
MSVOA_Y
ClientSampleId :

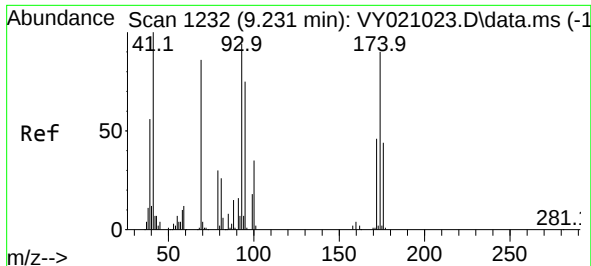
Tgt Ion: 83 Resp: 94861
Ion Ratio Lower Upper
83 100
85 64.4 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 49.601 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 41 Resp: 38079
Ion Ratio Lower Upper
41 100
69 84.1 72.1 108.1
39 57.4 42.8 64.2





#49

1,4-Dioxane

Concen: 1001.647 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

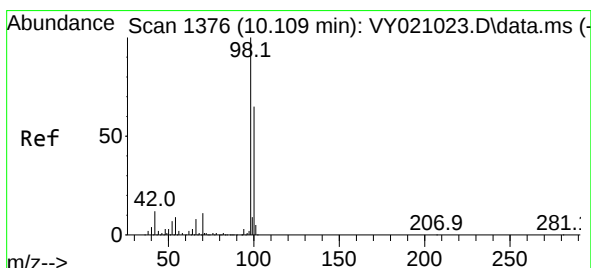
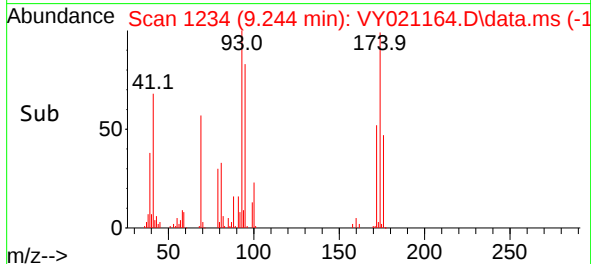
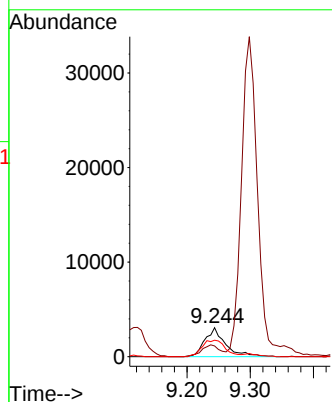
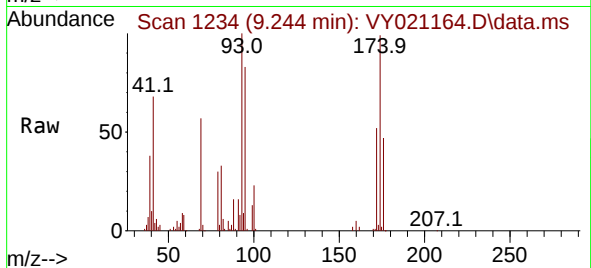
Tgt Ion: 88 Resp: 6953

Ion Ratio Lower Upper

88 100

43 37.1 28.2 42.4

58 65.1 52.2 78.2



#50

Toluene-d8

Concen: 53.835 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021164.D

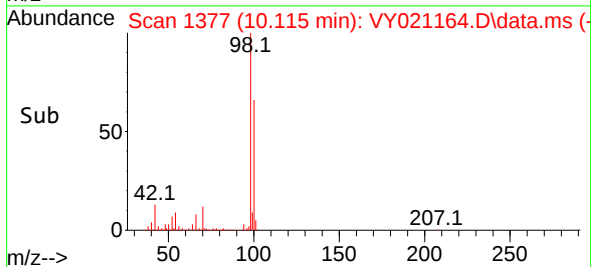
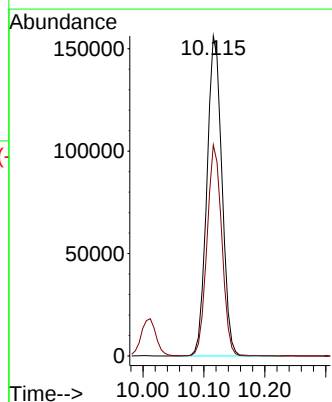
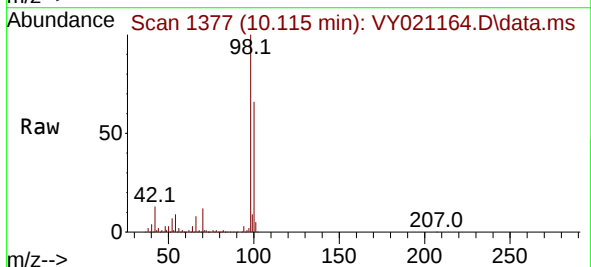
Acq: 11 Feb 2025 10:35

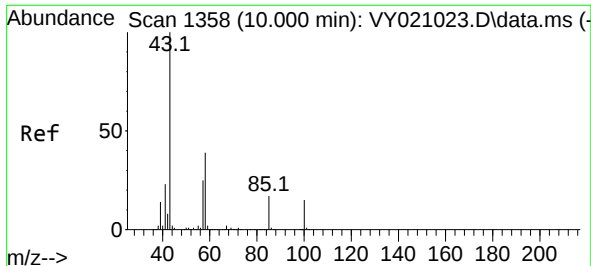
Tgt Ion: 98 Resp: 267540

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

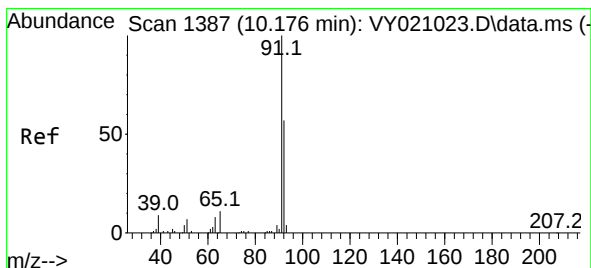
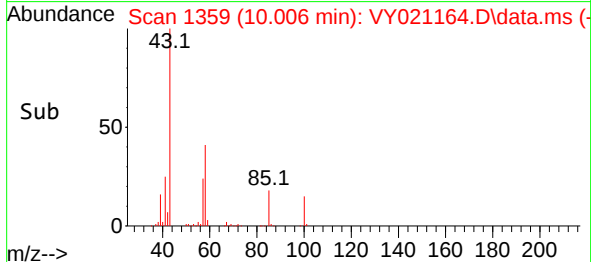
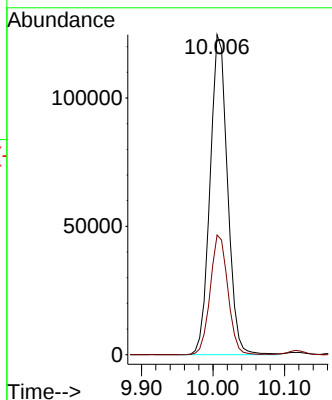
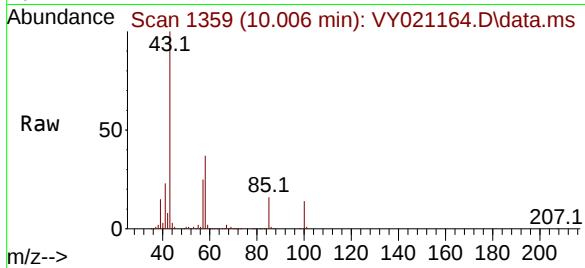




#51
4-Methyl-2-Pentanone
Concen: 249.479 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

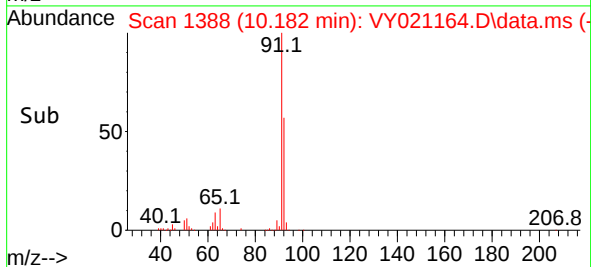
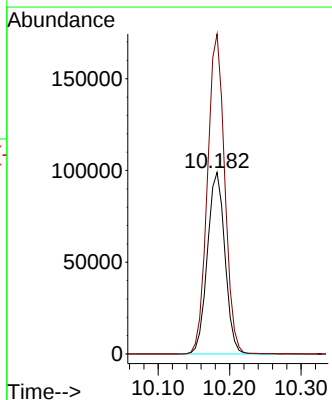
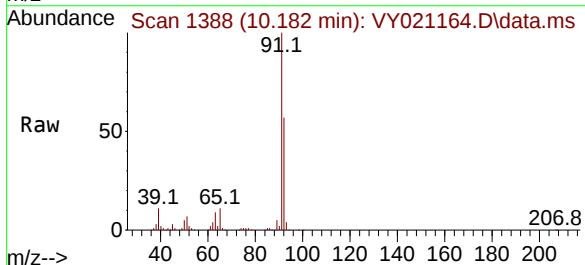
Instrument :
MSVOA_Y
ClientSampleId :

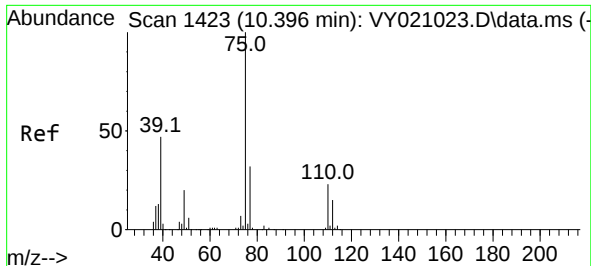
Tgt Ion: 43 Resp: 211441
Ion Ratio Lower Upper
43 100
58 37.7 32.2 48.2



#52
Toluene
Concen: 47.154 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 92 Resp: 167998
Ion Ratio Lower Upper
92 100
91 174.1 137.6 206.4

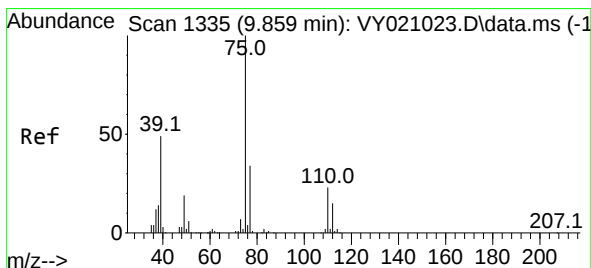
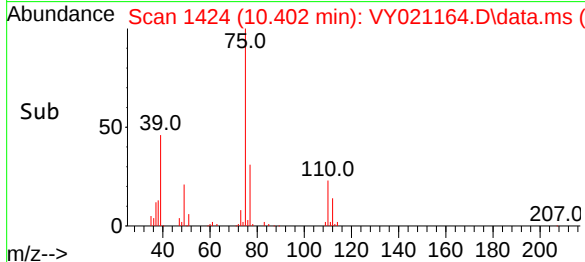
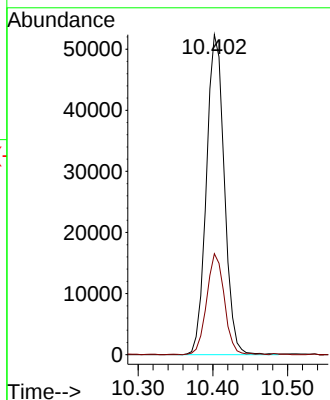
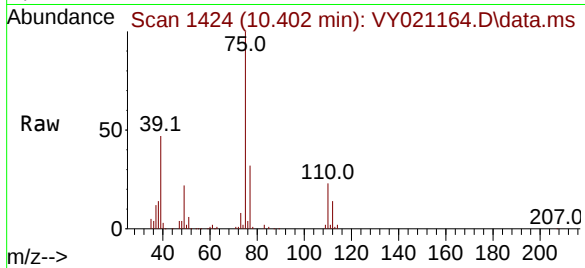




#53
 t-1,3-Dichloropropene
 Concen: 48.664 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

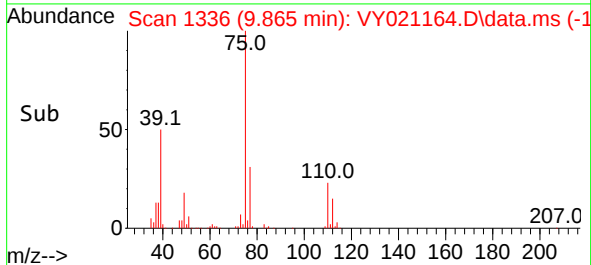
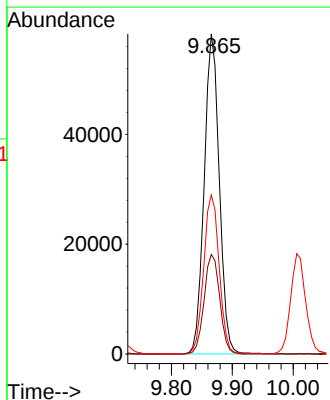
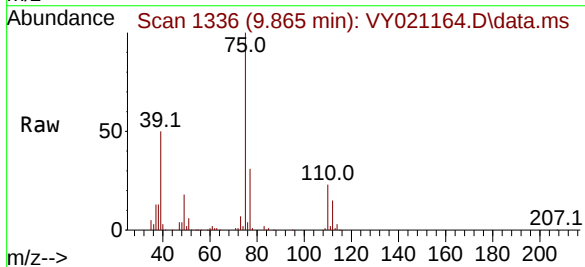
Instrument :
 MSVOA_Y
 ClientSampleId :

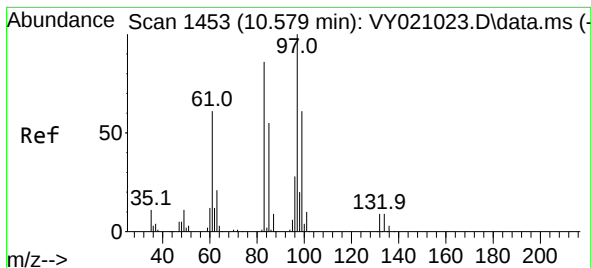
Tgt Ion: 75 Resp: 87385
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.273 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Tgt Ion: 75 Resp: 100508
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 49.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 47.881 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 46234

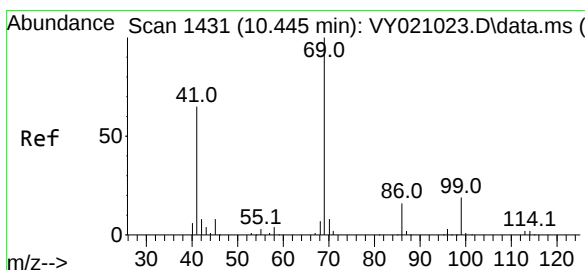
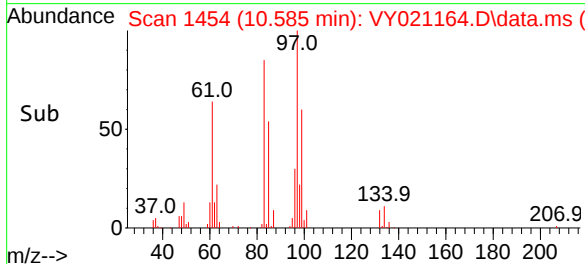
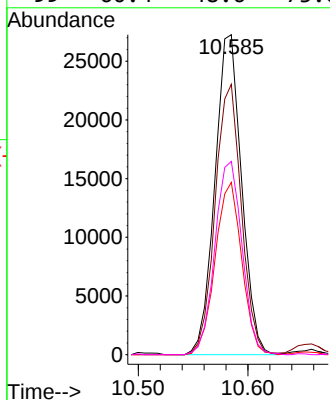
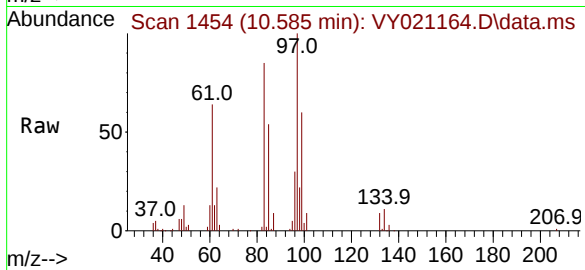
Ion Ratio Lower Upper

97 100

83 84.5 69.4 104.2

85 53.8 43.9 65.9

99 60.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 48.736 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

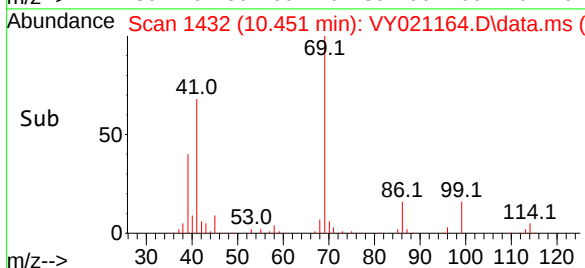
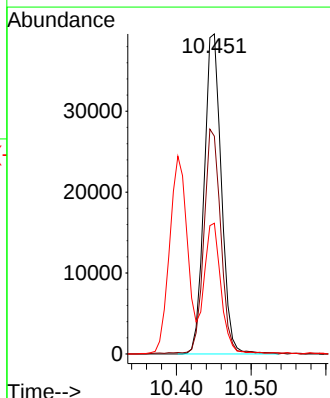
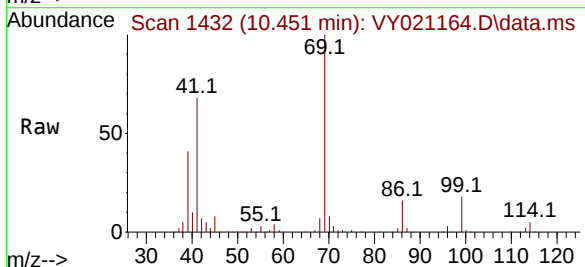
Tgt Ion: 69 Resp: 62955

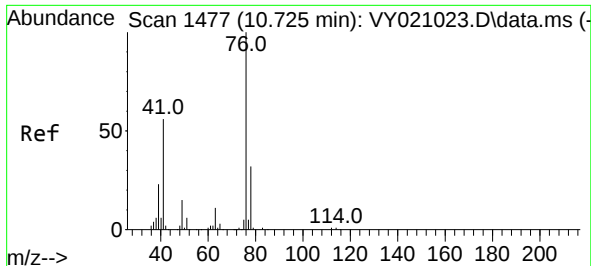
Ion Ratio Lower Upper

69 100

41 70.2 49.2 73.8

39 39.4 26.8 40.2





#57

1,3-Dichloropropane

Concen: 48.137 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

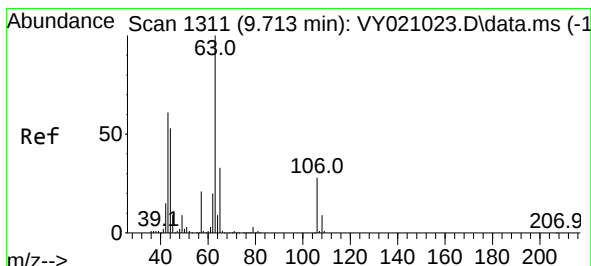
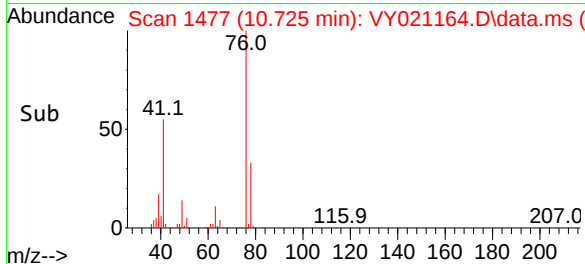
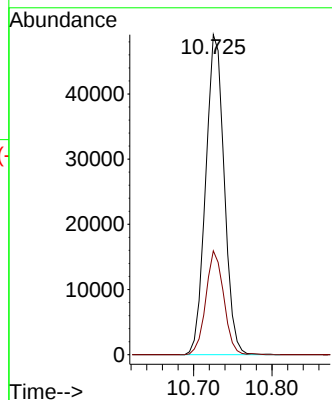
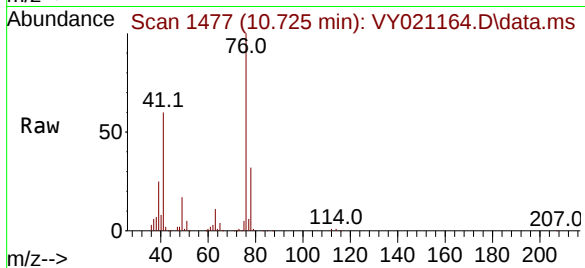
ClientSampleId :

Tgt Ion: 76 Resp: 80452

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 242.334 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021164.D

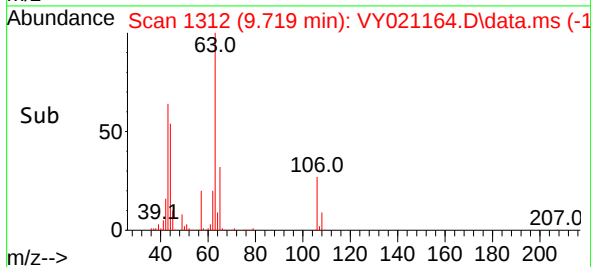
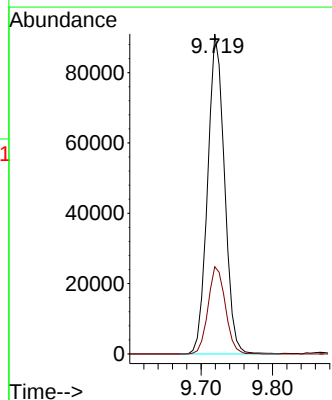
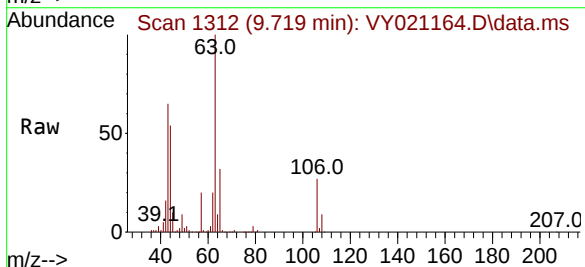
Acq: 11 Feb 2025 10:35

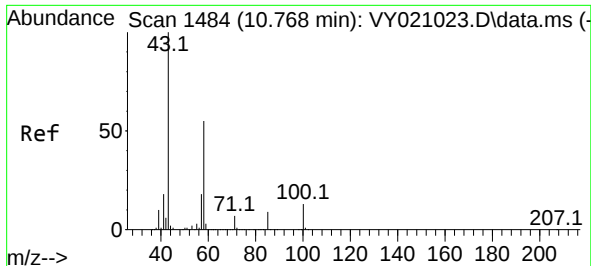
Tgt Ion: 63 Resp: 148924

Ion Ratio Lower Upper

63 100

106 27.9 22.4 33.6

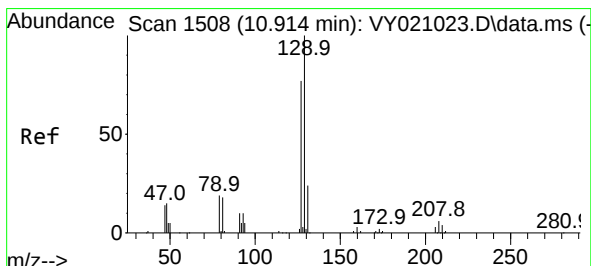
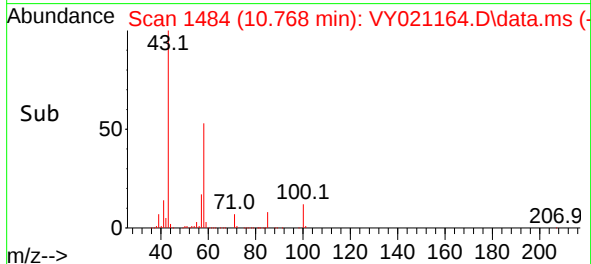
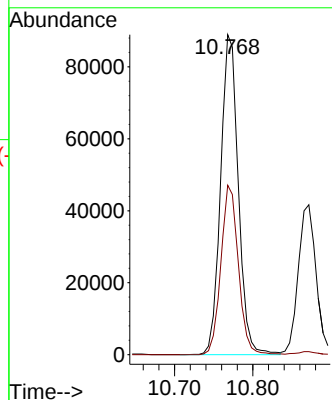
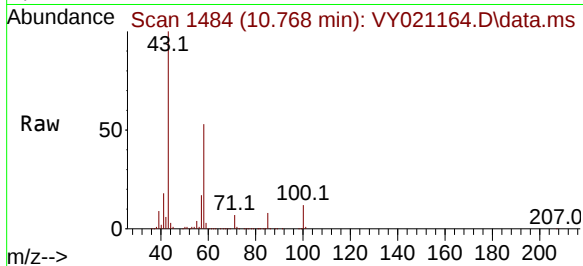




#59
2-Hexanone
Concen: 256.369 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

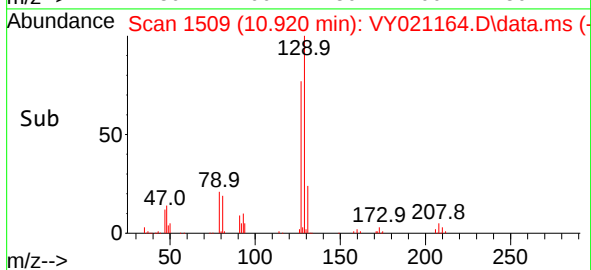
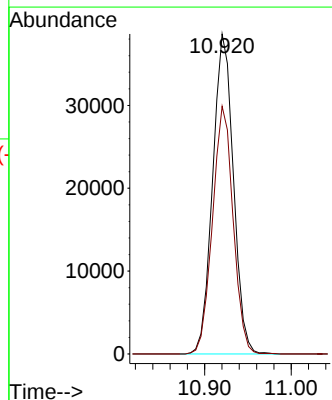
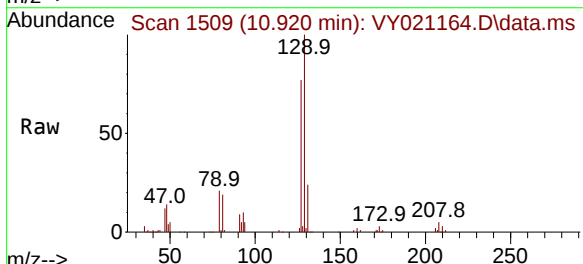
Instrument :
MSVOA_Y
ClientSampleId :

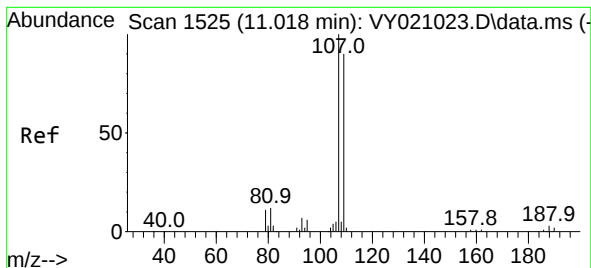
Tgt Ion: 43 Resp: 139898
Ion Ratio Lower Upper
43 100
58 52.3 28.1 84.3



#60
Dibromochloromethane
Concen: 47.253 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 129 Resp: 64076
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

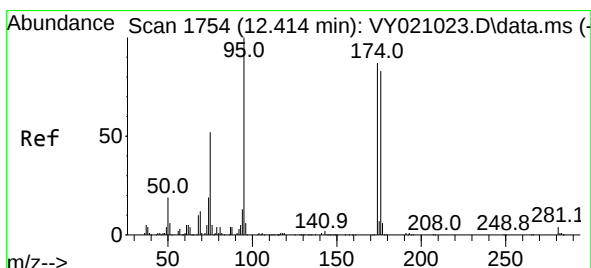
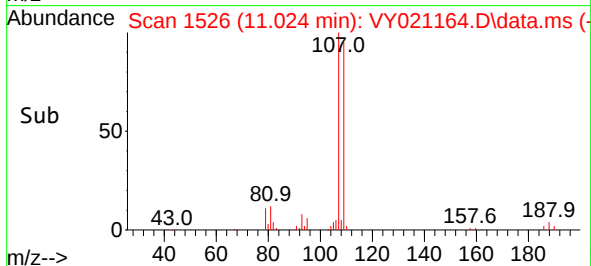
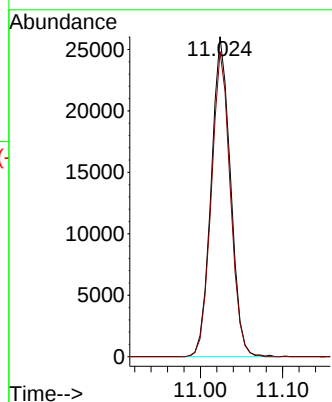
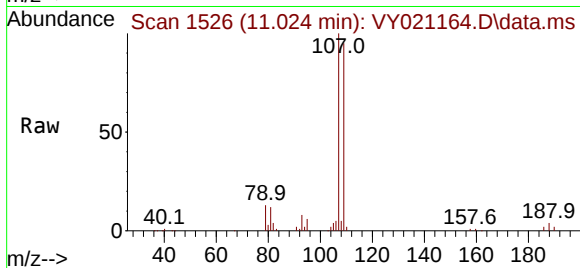




#61
1,2-Dibromoethane
Concen: 46.947 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

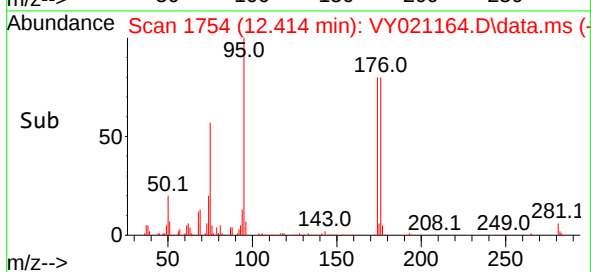
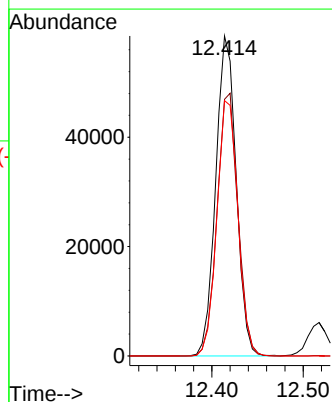
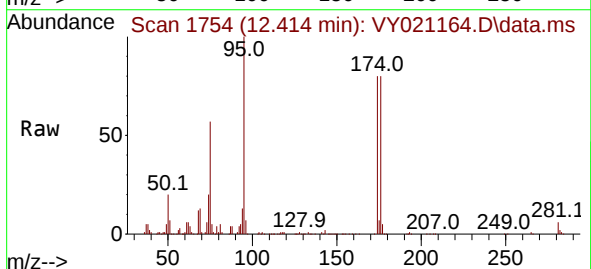
Instrument :
MSVOA_Y
ClientSampleId :

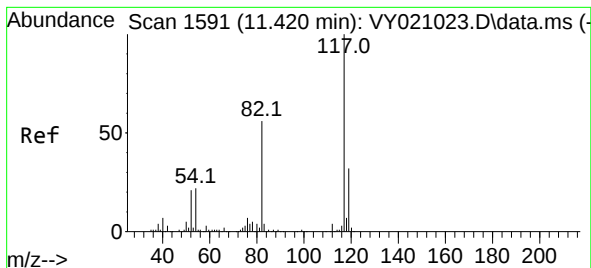
Tgt Ion:107 Resp: 42461
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.043 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 95 Resp: 90989
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

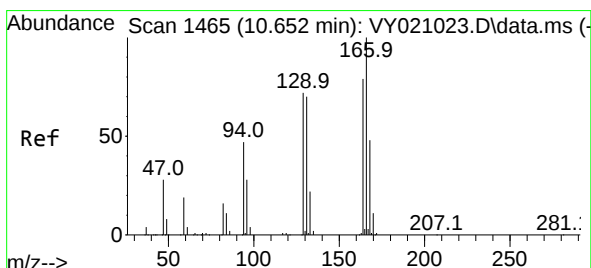
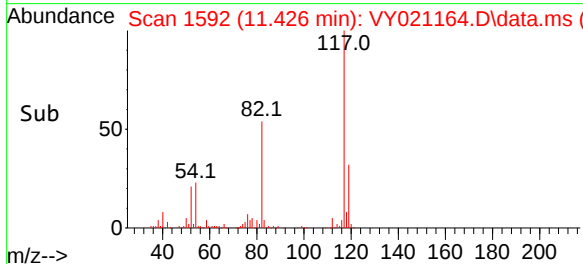
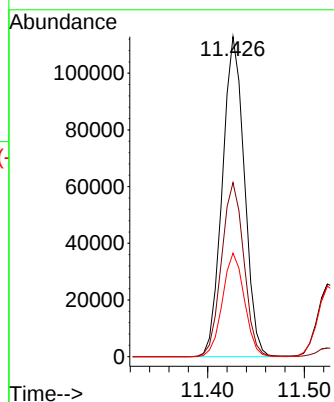
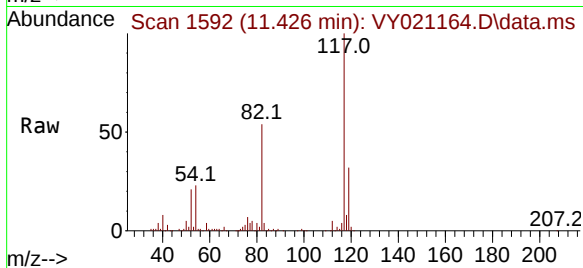
Tgt Ion:117 Resp: 178347

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 45.563 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Tgt Ion:164 Resp: 60323

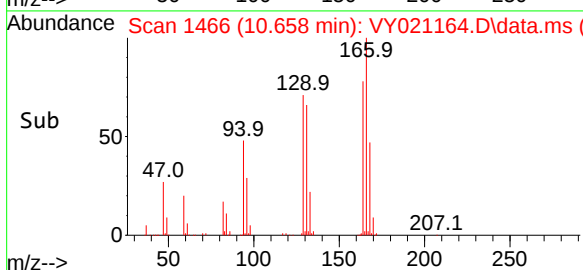
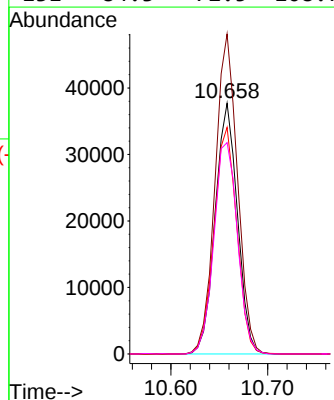
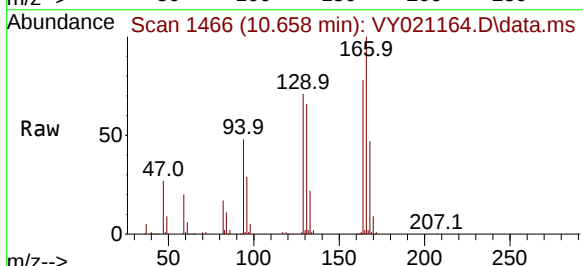
Ion Ratio Lower Upper

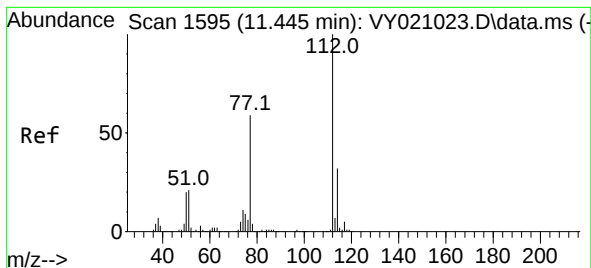
164 100

166 127.6 98.8 148.2

129 90.3 78.9 118.3

131 84.3 72.5 108.7





#65

Chlorobenzene

Concen: 45.624 ug/l

RT: 11.451 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

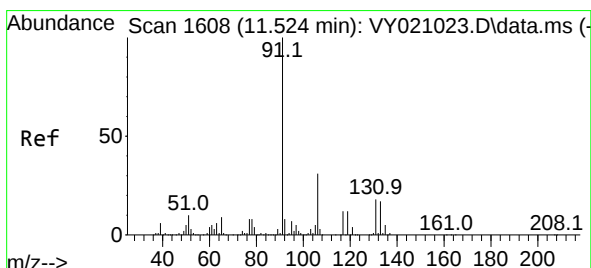
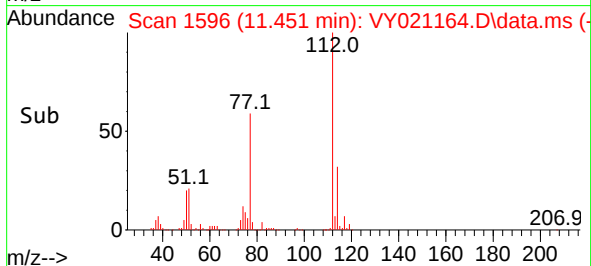
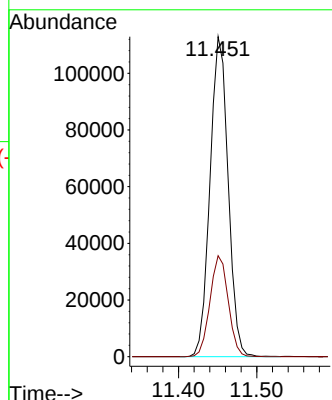
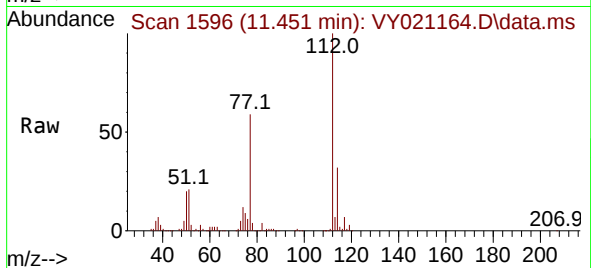
ClientSampleId :

Tgt Ion:112 Resp: 181180

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 46.559 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

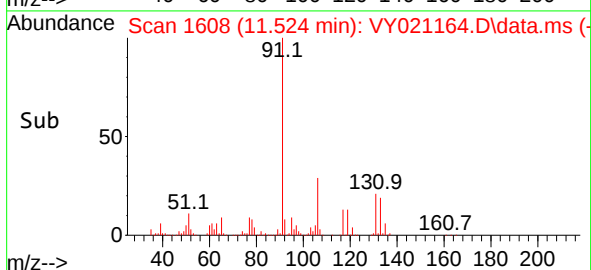
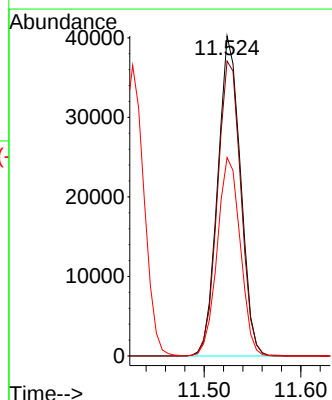
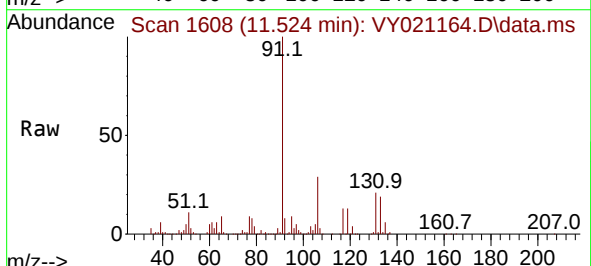
Tgt Ion:131 Resp: 65706

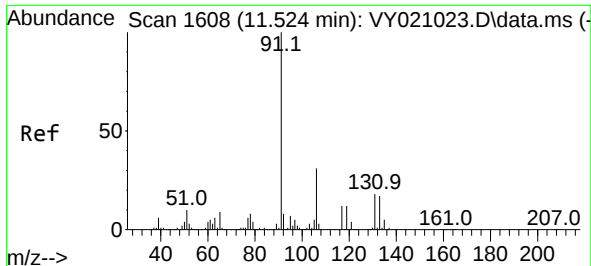
Ion Ratio Lower Upper

131 100

133 94.7 47.0 141.0

119 62.8 33.3 99.9





#67

Ethyl Benzene

Concen: 47.169 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

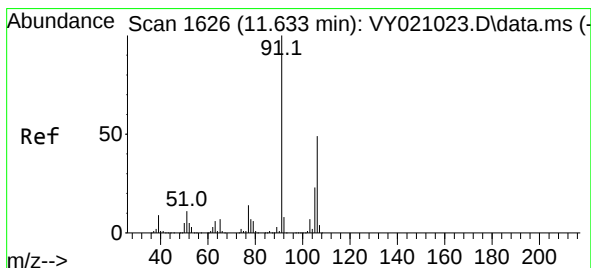
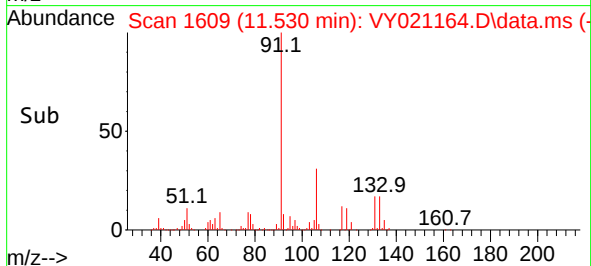
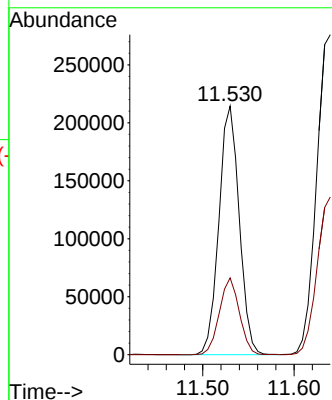
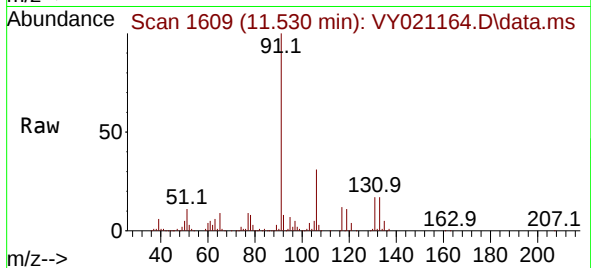
ClientSampleId :

Tgt Ion: 91 Resp: 331317

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 93.957 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021164.D

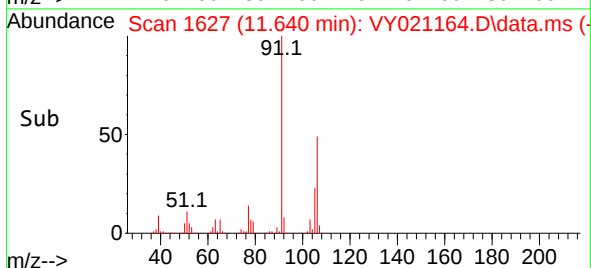
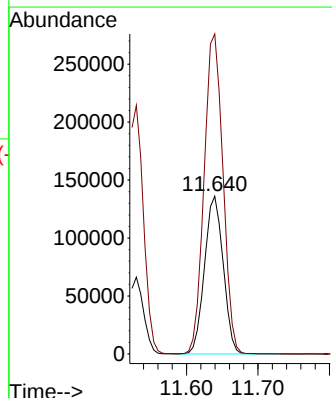
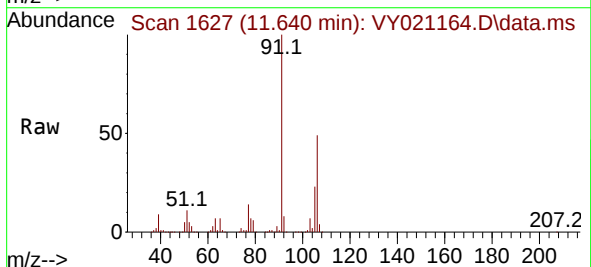
Acq: 11 Feb 2025 10:35

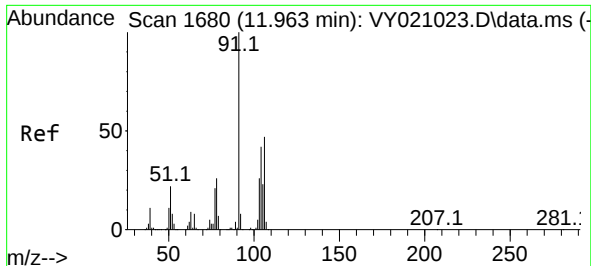
Tgt Ion:106 Resp: 246888

Ion Ratio Lower Upper

106 100

91 204.5 160.7 241.1

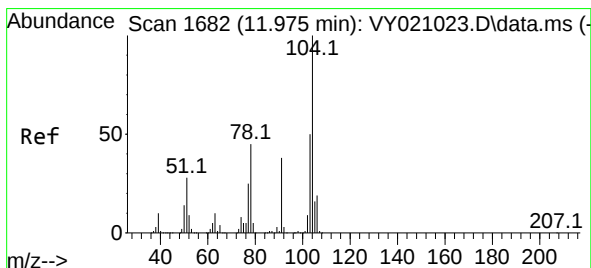
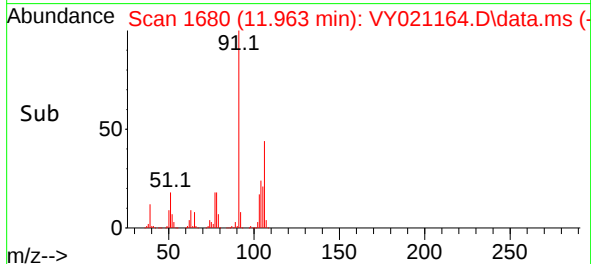
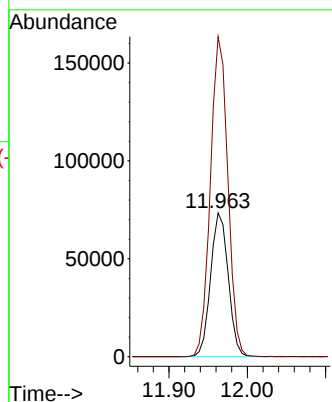
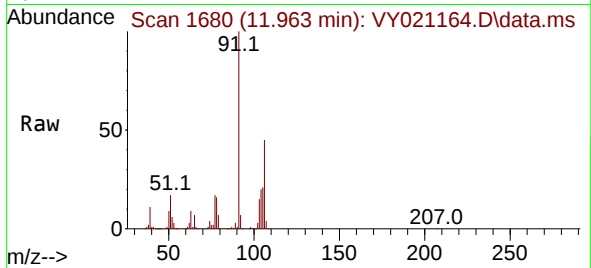




#69
o-Xylene
Concen: 46.749 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

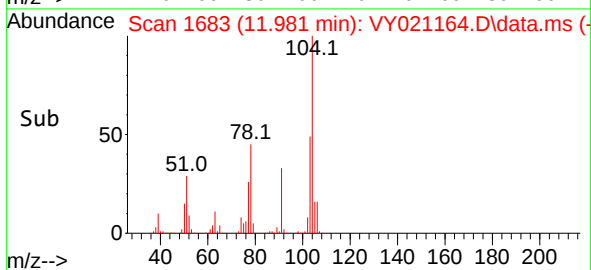
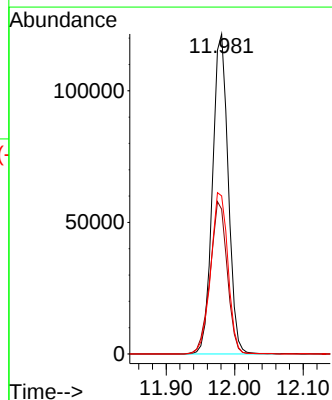
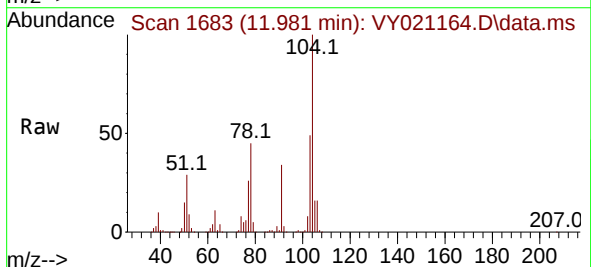
Instrument :
MSVOA_Y
ClientSampleId :

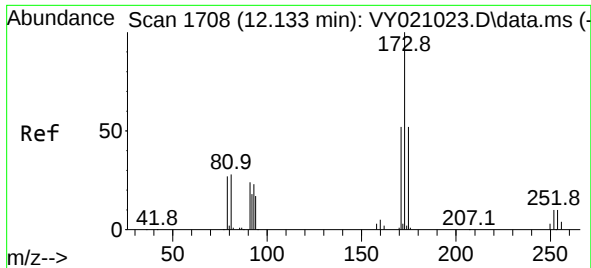
Tgt Ion:106 Resp: 114527
Ion Ratio Lower Upper
106 100
91 220.9 106.5 319.5



#70
Styrene
Concen: 47.425 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:104 Resp: 193644
Ion Ratio Lower Upper
104 100
78 51.8 39.2 58.8
103 55.4 43.8 65.6

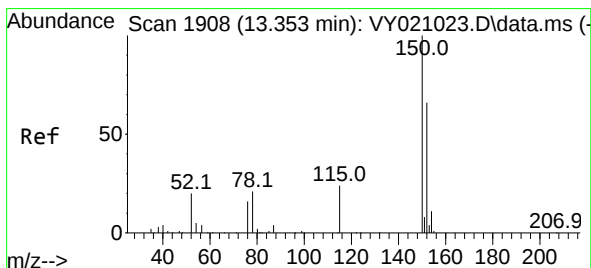
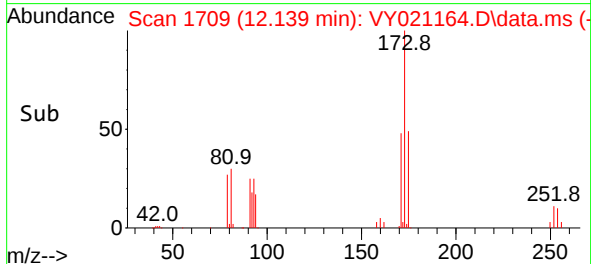
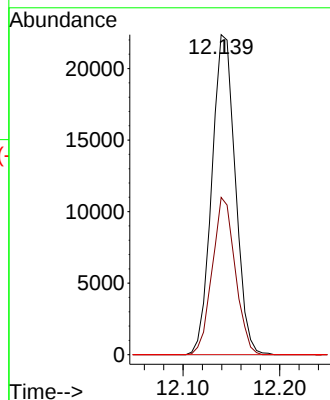
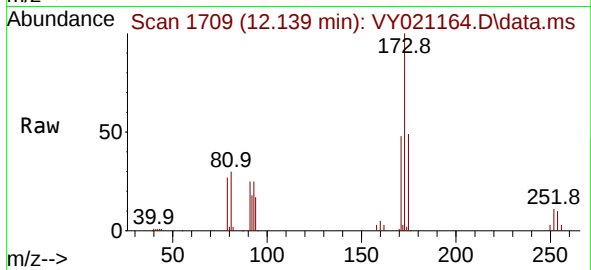




#71
Bromoform
Concen: 48.020 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

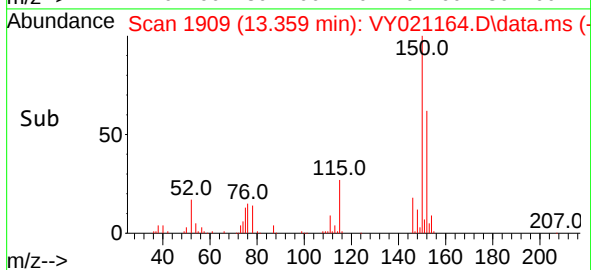
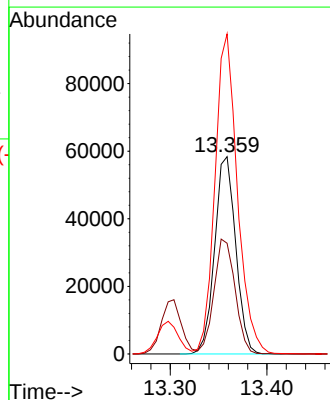
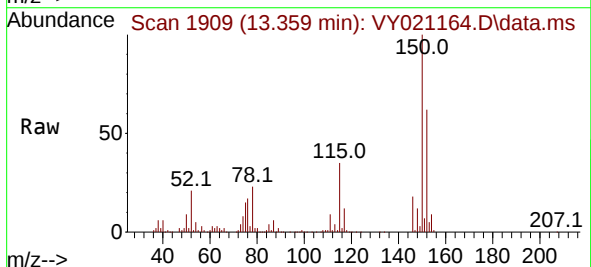
Instrument :
MSVOA_Y
ClientSampleId :

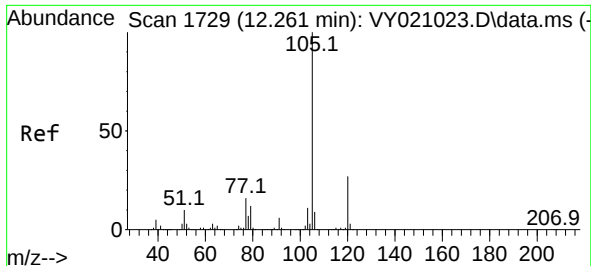
Tgt Ion:173 Resp: 37721
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:152 Resp: 88346
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.0
150 172.9 0.0 344.6

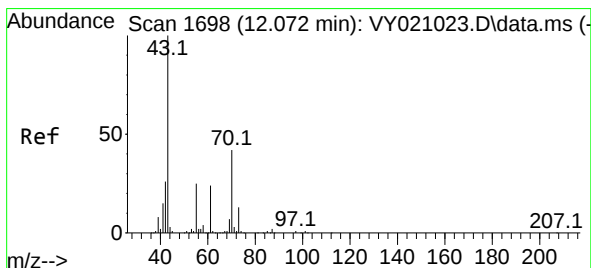
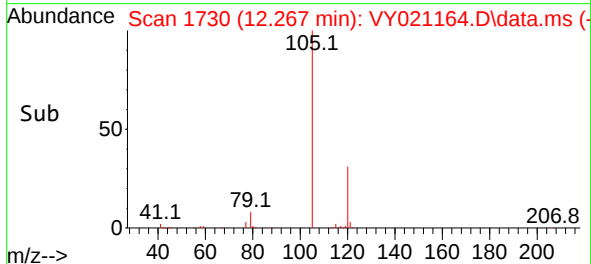
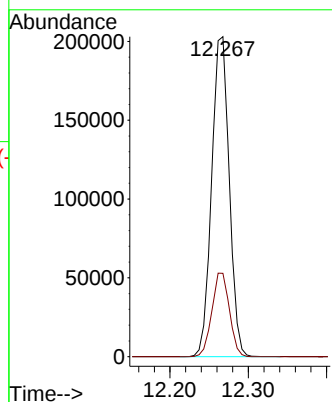
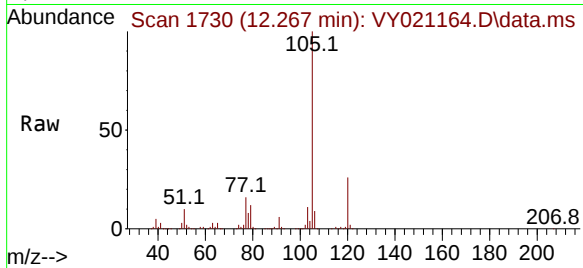




#73
Isopropylbenzene
Concen: 45.793 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

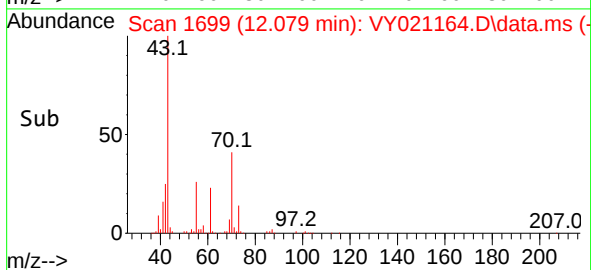
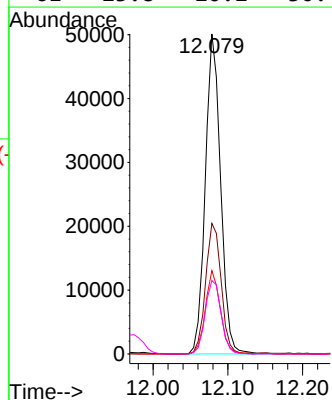
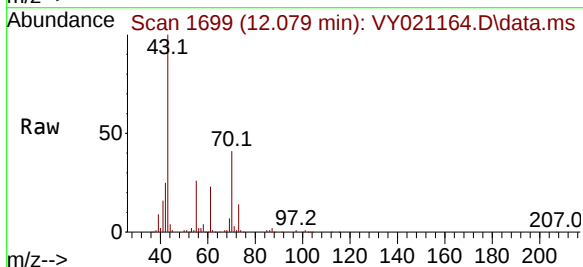
Instrument :
MSVOA_Y
ClientSampleId :

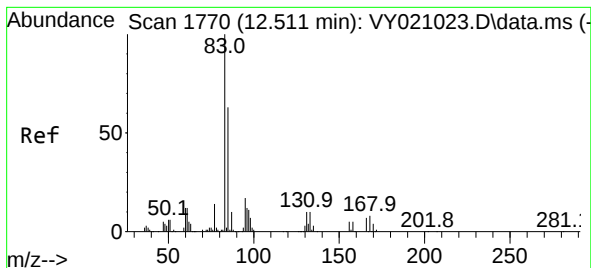
Tgt Ion:105 Resp: 316021
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 47.254 ug/l
RT: 12.079 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 43 Resp: 71295
Ion Ratio Lower Upper
43 100
70 41.4 36.6 55.0
55 25.6 22.2 33.4
61 23.8 20.2 30.4

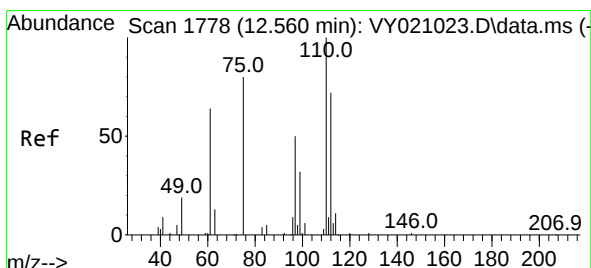
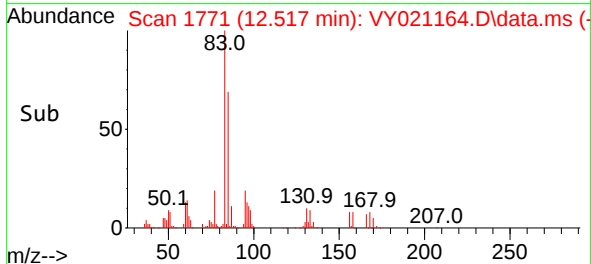
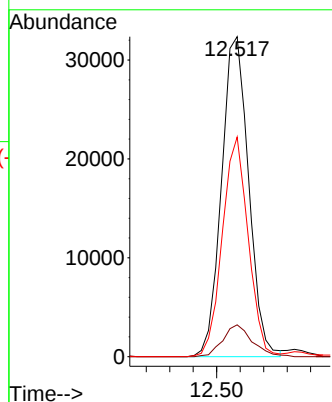
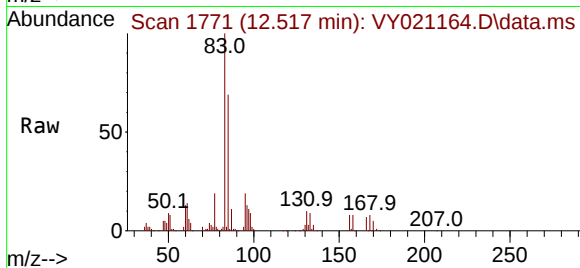




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.235 ug/l
 RT: 12.517 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

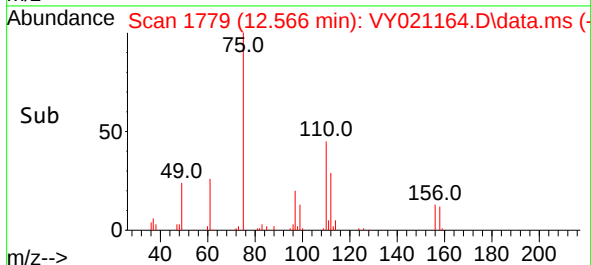
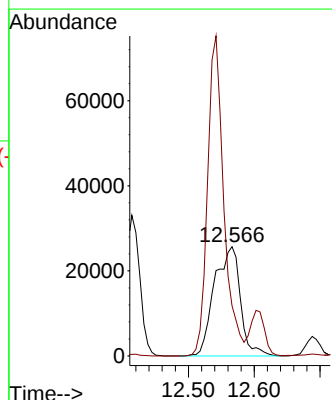
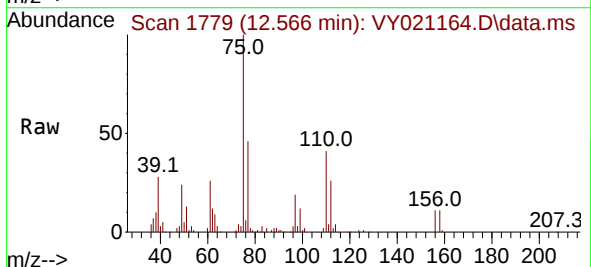
Instrument :
 MSVOA_Y
 ClientSampleId :

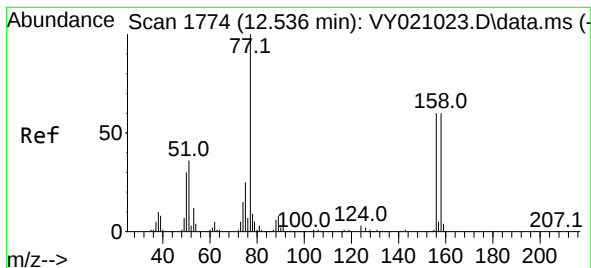
Tgt Ion: 83 Resp: 51918
 Ion Ratio Lower Upper
 83 100
 131 10.8 4.9 14.6
 85 65.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 88.041 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Tgt Ion: 75 Resp: 70557
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.298 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

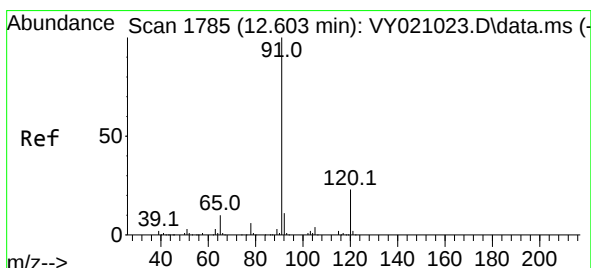
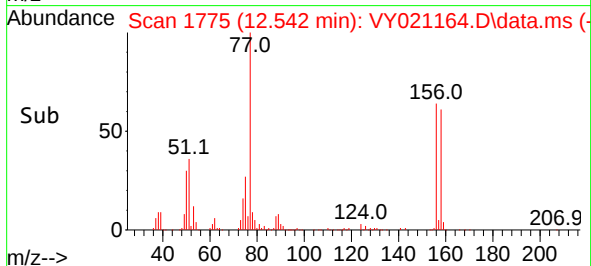
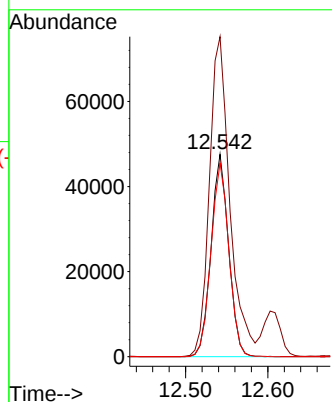
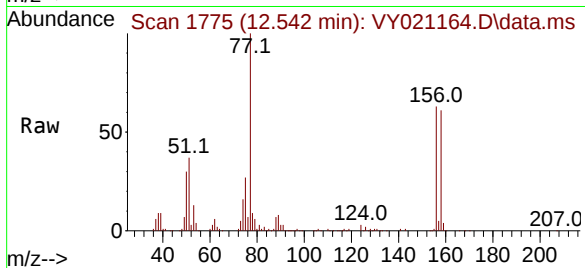
Tgt Ion:156 Resp: 70546

Ion Ratio Lower Upper

156 100

77 183.8 97.3 291.8

158 97.7 48.4 145.0



#78

n-propylbenzene

Concen: 46.120 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021164.D

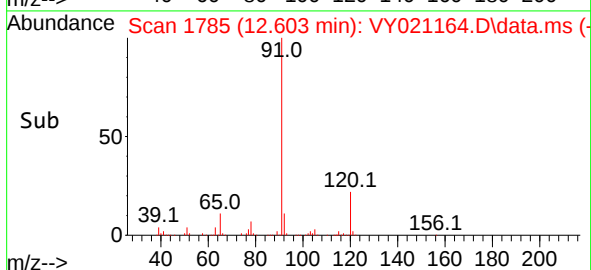
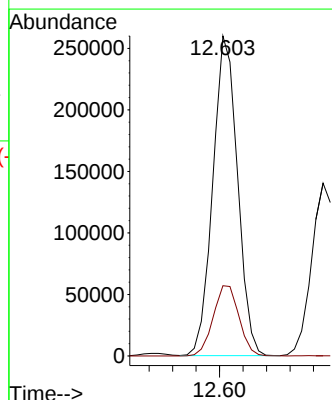
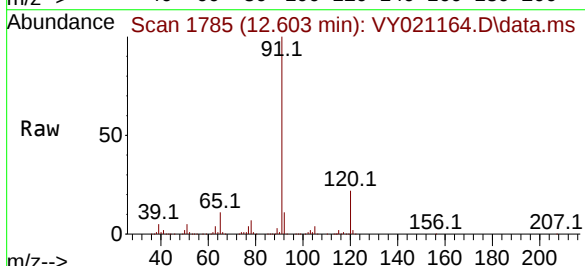
Acq: 11 Feb 2025 10:35

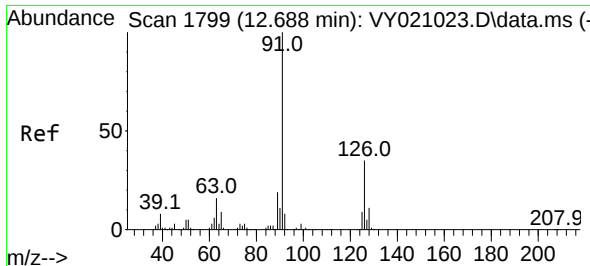
Tgt Ion: 91 Resp: 379144

Ion Ratio Lower Upper

91 100

120 23.0 11.0 33.0

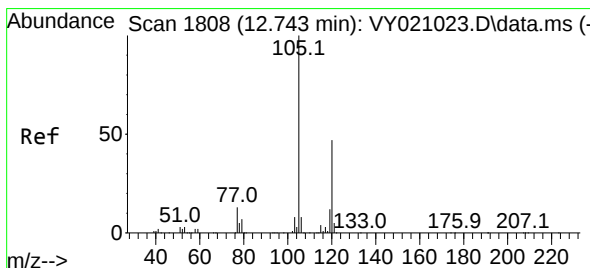
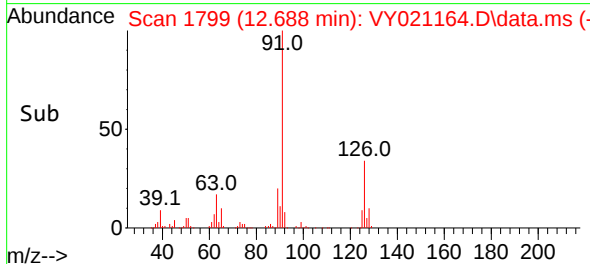
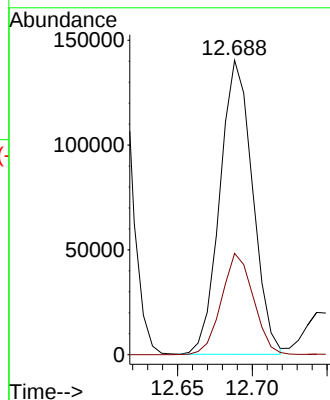
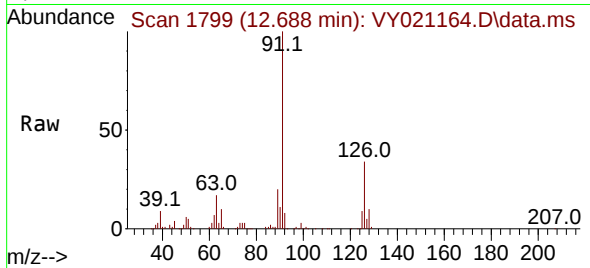




#79
2-Chlorotoluene
Concen: 45.333 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

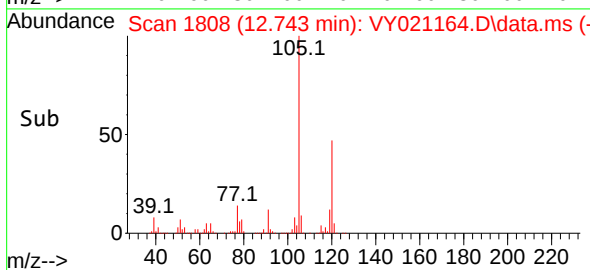
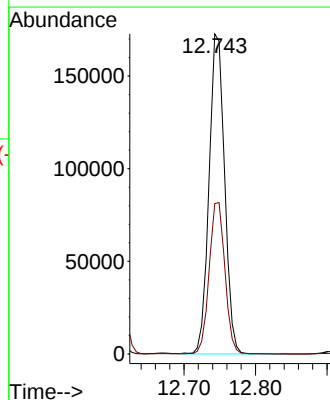
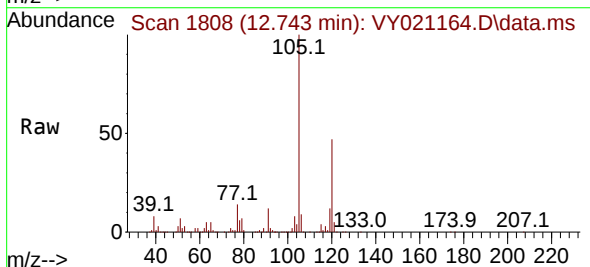
Instrument :
MSVOA_Y
ClientSampleId :

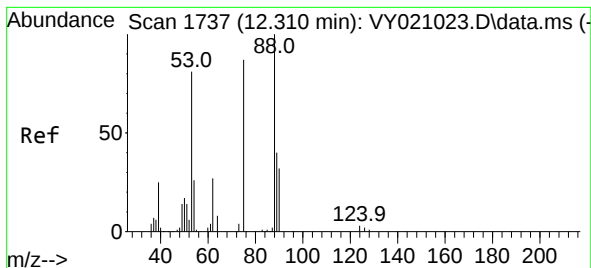
Tgt Ion: 91 Resp: 213445
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.636 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:105 Resp: 260937
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8

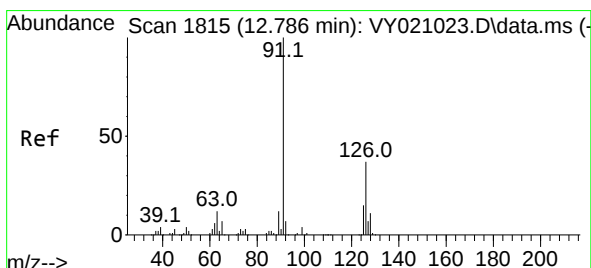
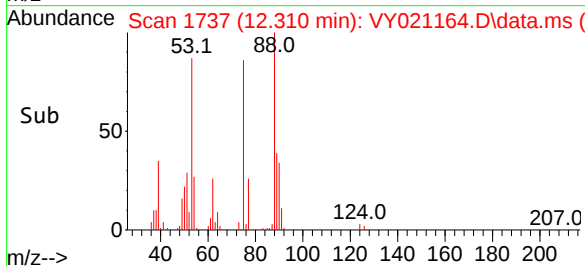
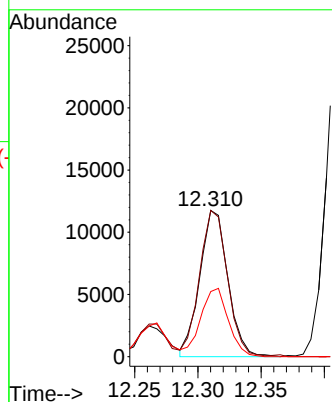
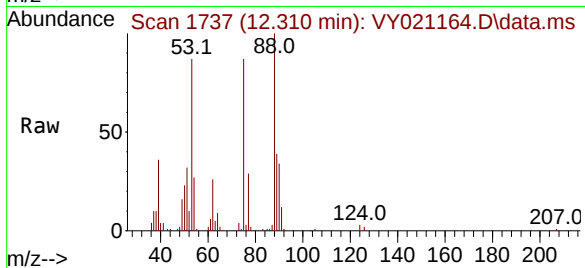




#81
trans-1,4-Dichloro-2-butene
Concen: 46.395 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

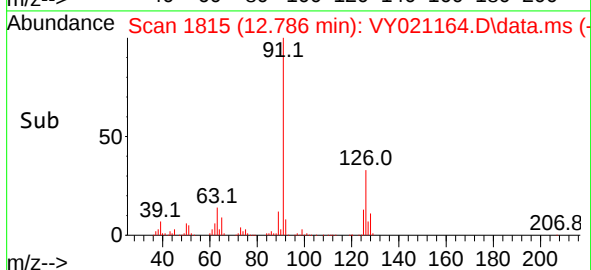
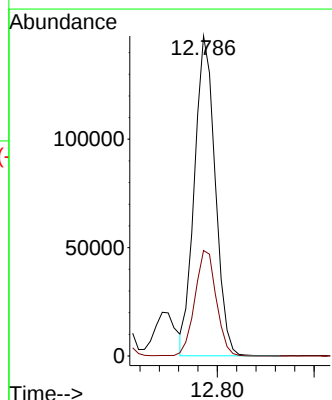
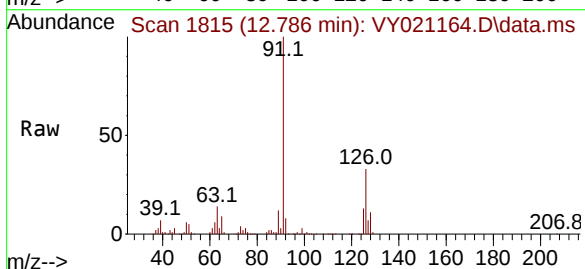
Instrument :
MSVOA_Y
ClientSampleId :

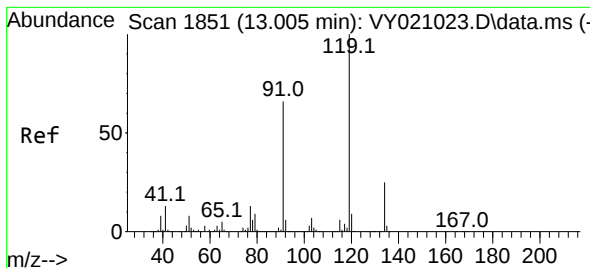
Tgt Ion: 75 Resp: 18222
Ion Ratio Lower Upper
75 100
53 99.5 74.0 111.0
89 46.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 45.773 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion: 91 Resp: 219580
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 45.397 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

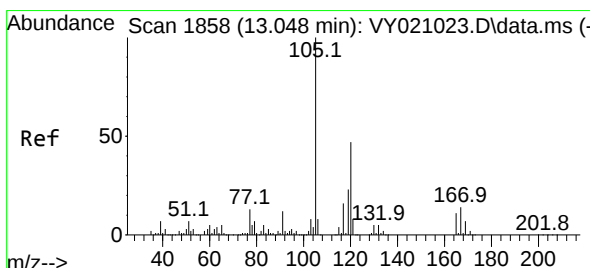
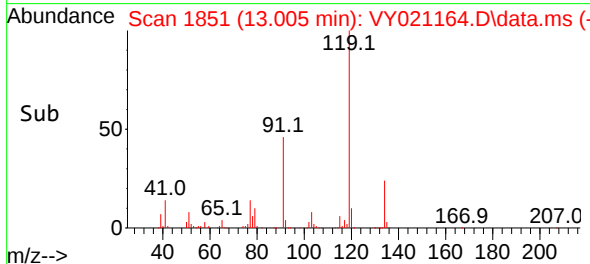
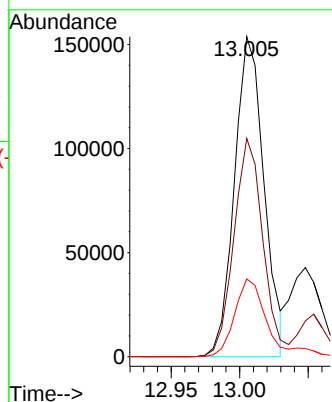
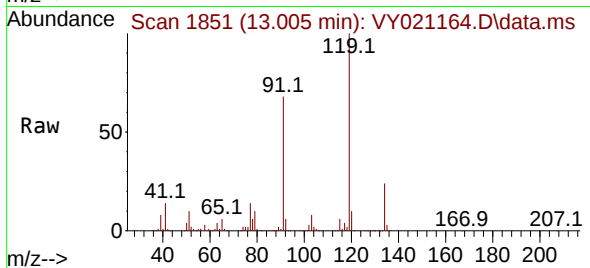
Tgt Ion:119 Resp: 230877

Ion Ratio Lower Upper

119 100

91 67.1 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 47.146 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021164.D

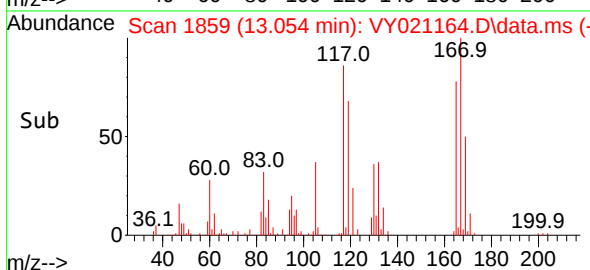
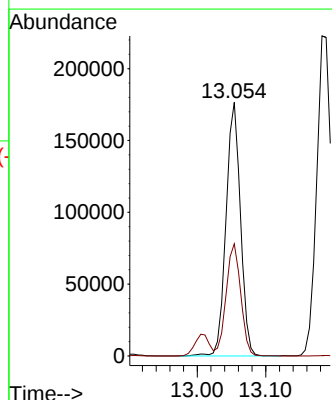
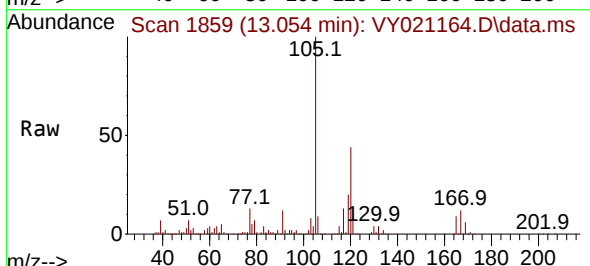
Acq: 11 Feb 2025 10:35

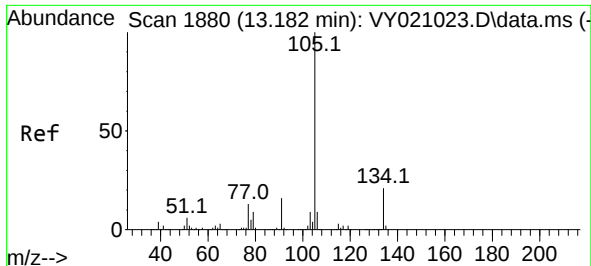
Tgt Ion:105 Resp: 257928

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.3

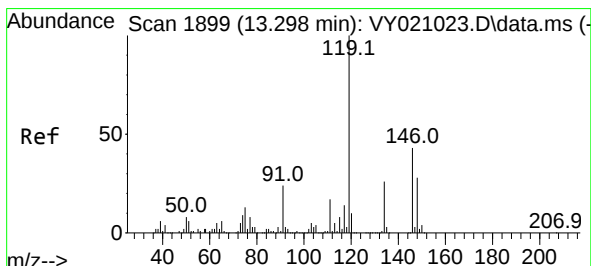
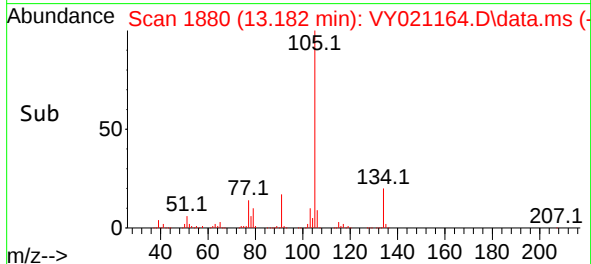
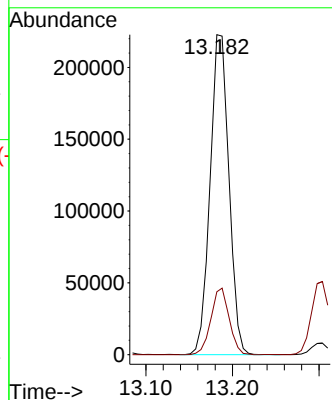
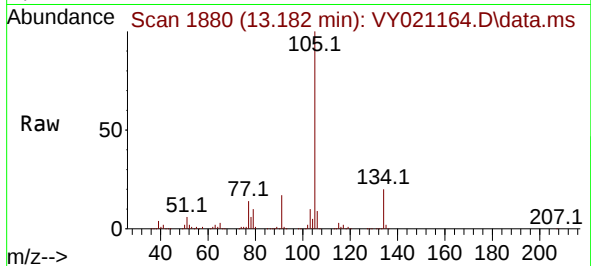




#85
 sec-Butylbenzene
 Concen: 46.038 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

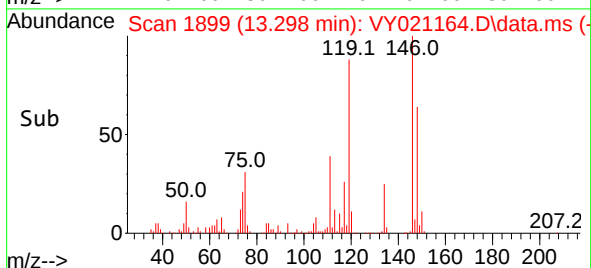
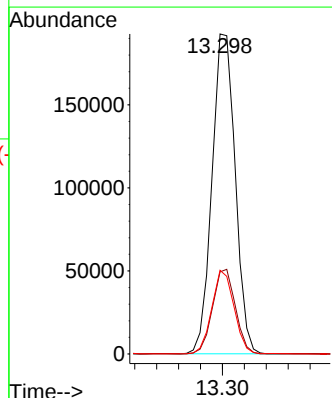
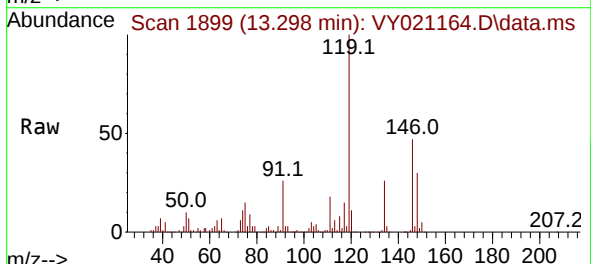
Instrument :
 MSVOA_Y
 ClientSampleId :

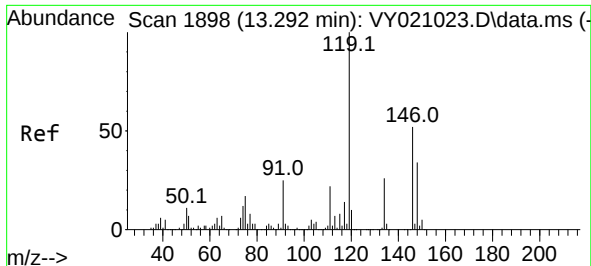
Tgt Ion:105 Resp: 337034
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.665 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021164.D
 Acq: 11 Feb 2025 10:35

Tgt Ion:119 Resp: 283778
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.9 11.7 35.0

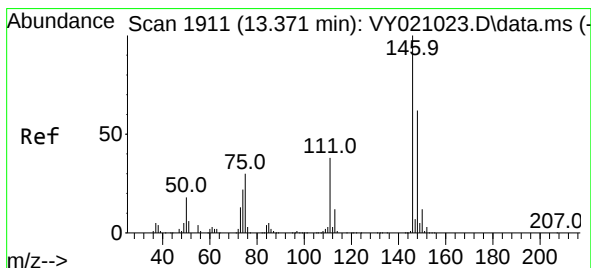
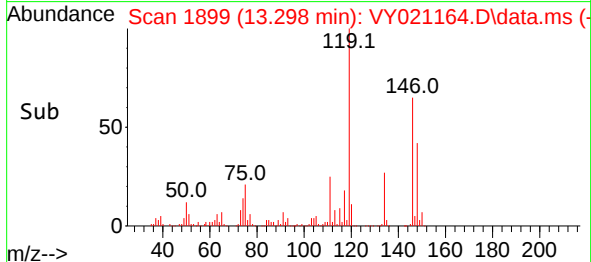
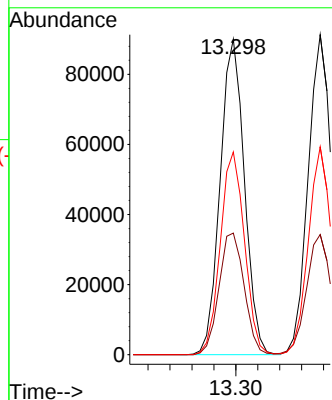
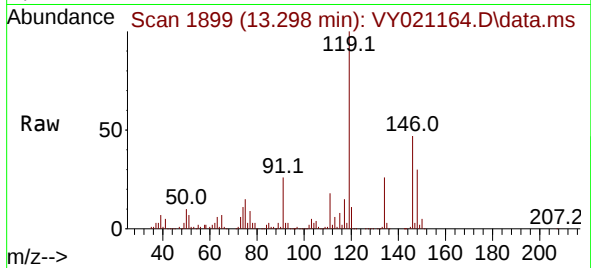




#87
1,3-Dichlorobenzene
Concen: 45.049 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

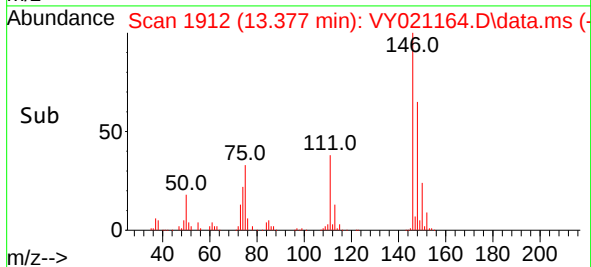
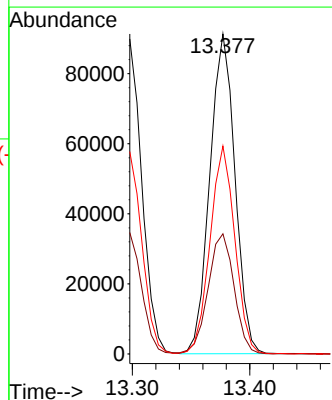
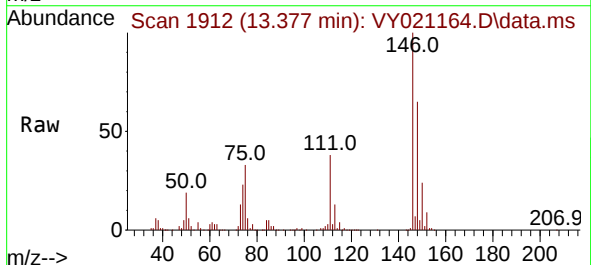
Instrument :
MSVOA_Y
ClientSampleId :

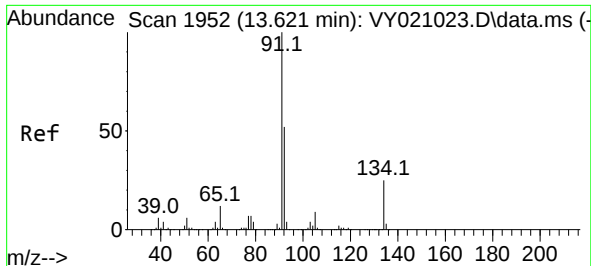
Tgt Ion:146 Resp: 138525
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.5
148 64.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 44.884 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021164.D
Acq: 11 Feb 2025 10:35

Tgt Ion:146 Resp: 135894
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 47.886 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

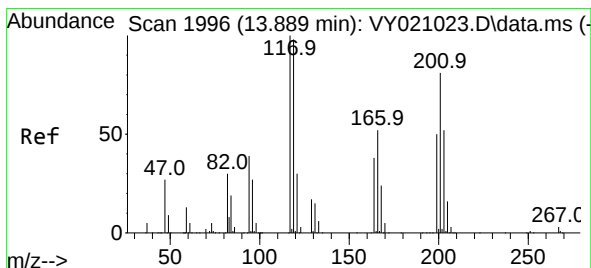
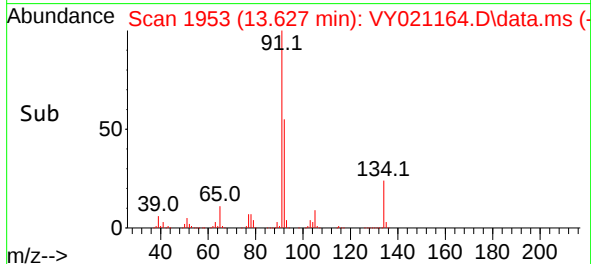
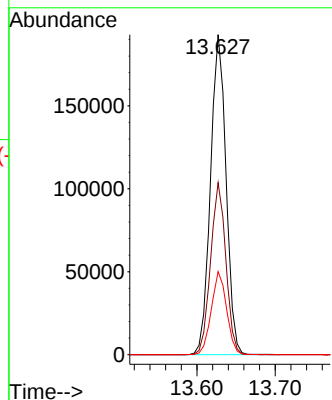
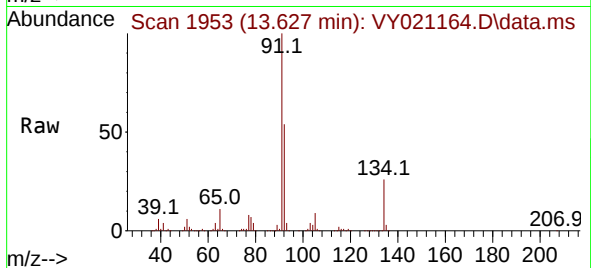
Tgt Ion: 91 Resp: 265661

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.6 12.3 36.8



#90

Hexachloroethane

Concen: 45.136 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021164.D

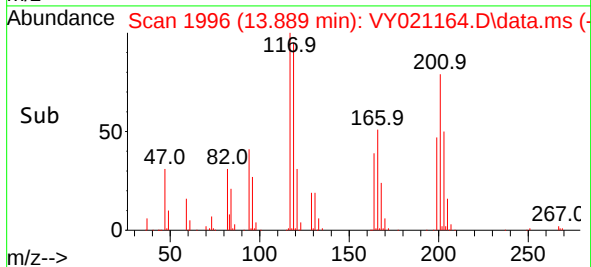
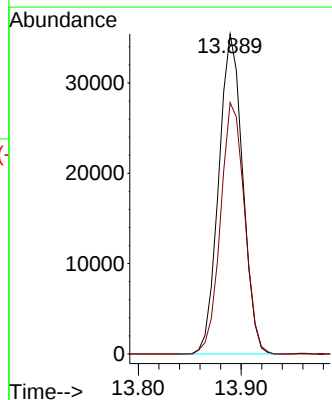
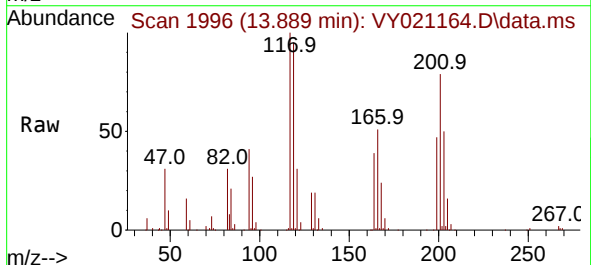
Acq: 11 Feb 2025 10:35

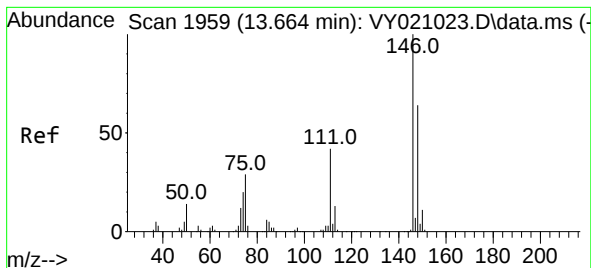
Tgt Ion: 117 Resp: 57262

Ion Ratio Lower Upper

117 100

201 78.8 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 44.797 ug/l

RT: 13.670 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

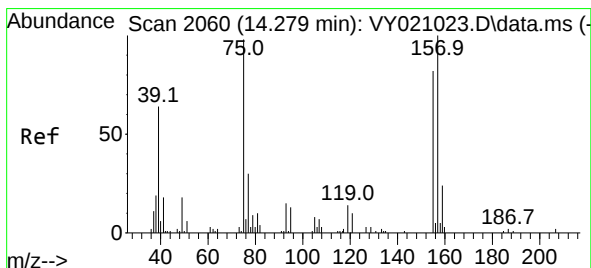
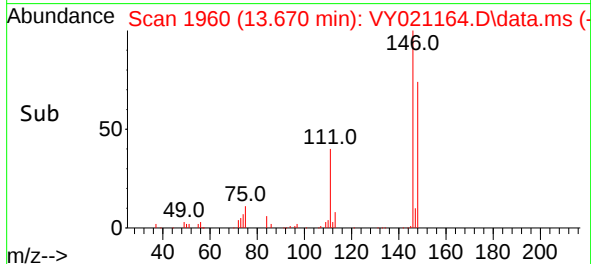
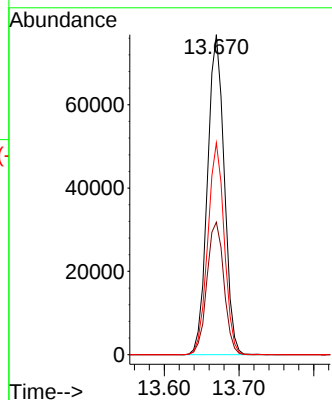
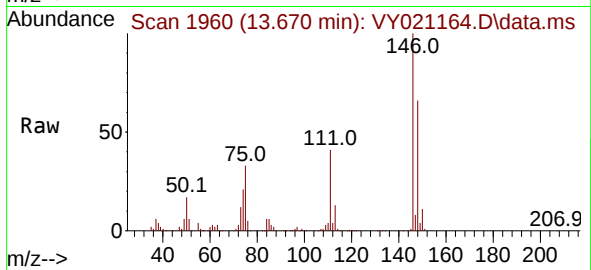
Tgt Ion:146 Resp: 119559

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

148 64.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.335 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

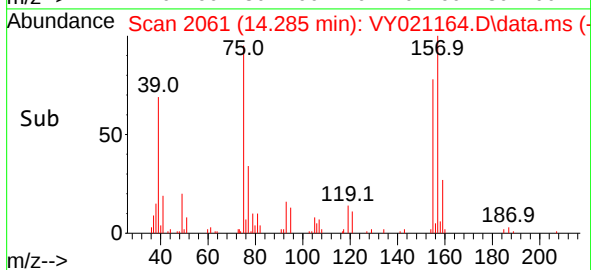
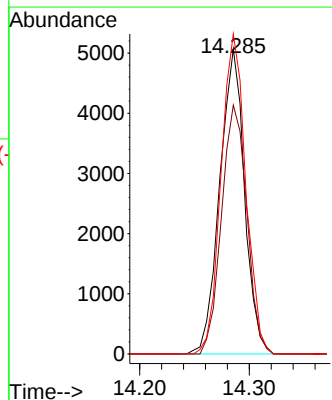
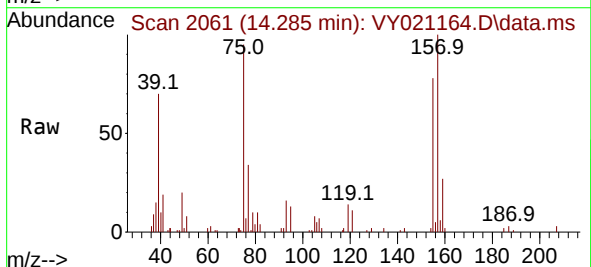
Tgt Ion: 75 Resp: 7947

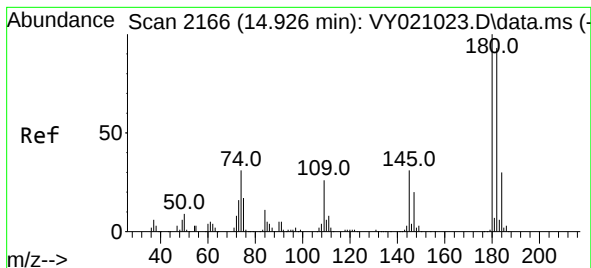
Ion Ratio Lower Upper

75 100

155 83.0 42.1 126.3

157 104.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.420 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

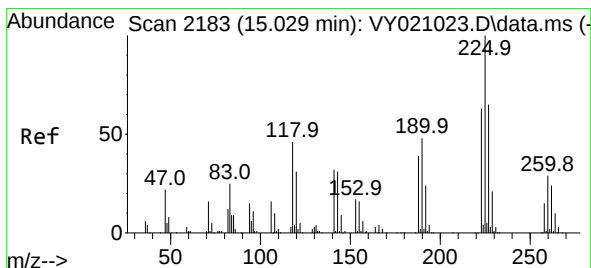
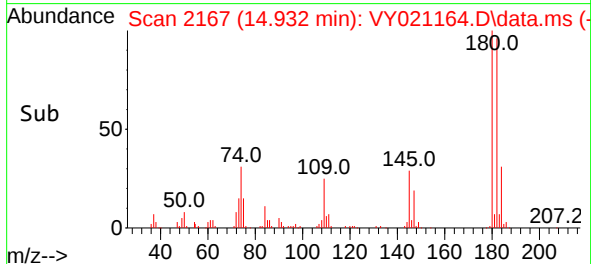
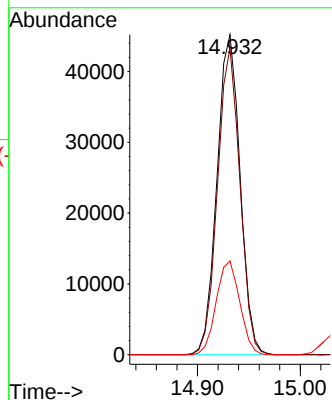
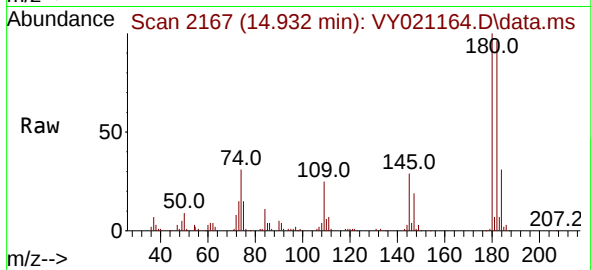
Tgt Ion:180 Resp: 70447

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 46.652 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

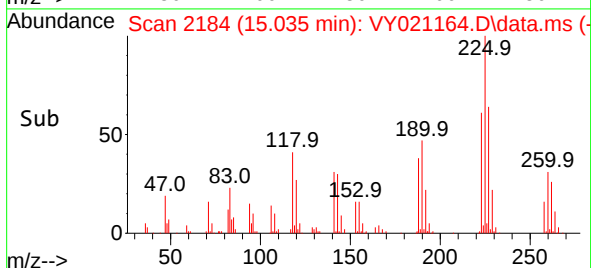
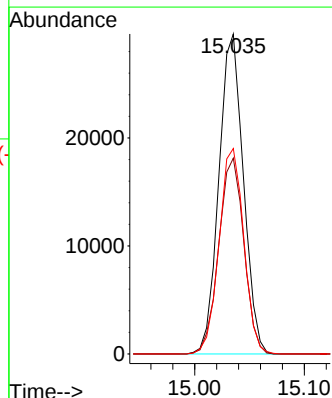
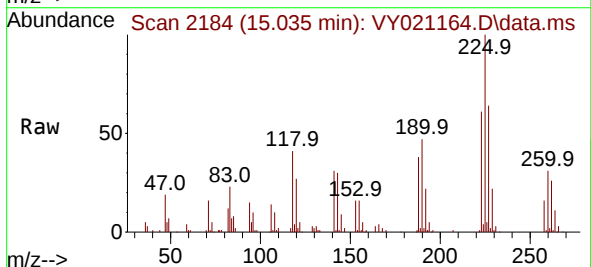
Tgt Ion:225 Resp: 45927

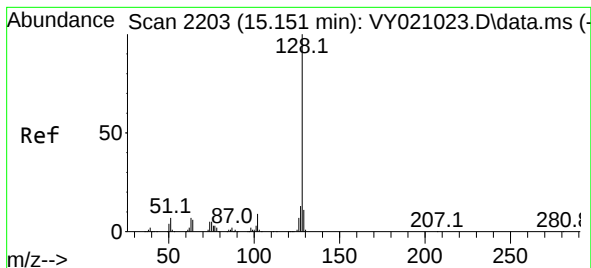
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 48.858 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Instrument :

MSVOA_Y

ClientSampleId :

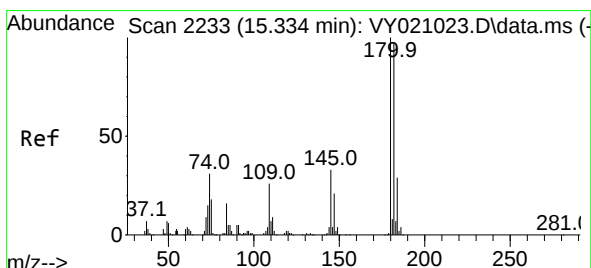
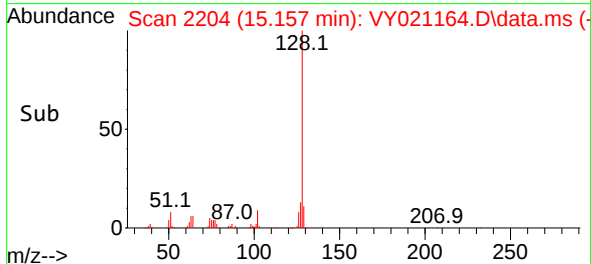
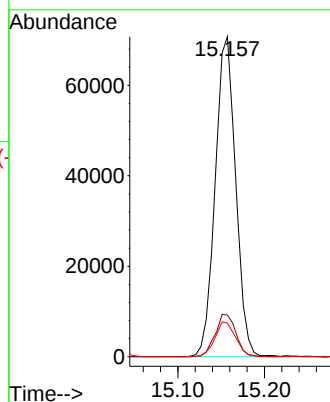
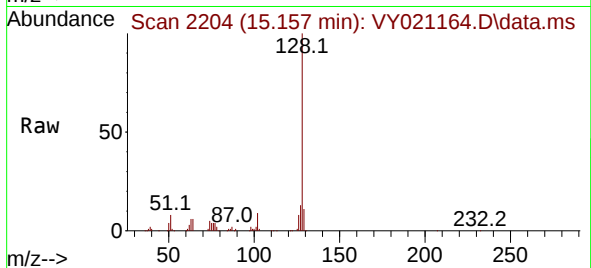
Tgt Ion:128 Resp: 116124

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.751 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021164.D

Acq: 11 Feb 2025 10:35

Tgt Ion:180 Resp: 57799

Ion Ratio Lower Upper

180 100

182 96.7 46.3 138.8

145 32.4 16.1 48.2

