

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021151.D
 Acq On : 10 Feb 2025 11:52
 Operator : SY/MD
 Sample : VY0210SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:27:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	152570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	233039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	198031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	96447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	76043	48.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.640	113	72329	48.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.115	98	278597	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.413	95	93032	50.084	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	22873	16.821	ug/l	96
3) Chloromethane	2.080	50	20428	15.224	ug/l	97
4) Vinyl Chloride	2.214	62	20143	14.914	ug/l	96
5) Bromomethane	2.604	94	12960	15.525	ug/l	97
6) Chloroethane	2.744	64	12793	15.912	ug/l	97
7) Trichlorofluoromethane	3.074	101	43150	17.536	ug/l	96
8) Diethyl Ether	3.464	74	13624	17.736	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.823	101	28402	18.391	ug/l	94
10) Methyl Iodide	4.019	142	26905	15.682	ug/l	90
11) Tert butyl alcohol	4.866	59	9945	93.882	ug/l	96
12) 1,1-Dichloroethene	3.799	96	25499	17.528	ug/l	91
13) Acrolein	3.665	56	12634	77.451	ug/l	97
14) Allyl chloride	4.396	41	44125	17.998	ug/l	94
15) Acrylonitrile	5.073	53	29842	93.295	ug/l	96
16) Acetone	3.878	43	25349	103.984	ug/l #	87
17) Carbon Disulfide	4.122	76	56057	12.289	ug/l	99
18) Methyl Acetate	4.403	43	15772	18.430	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	70415	19.151	ug/l	98
20) Methylene Chloride	4.628	84	27587	18.204	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	27050	16.893	ug/l	93
22) Diisopropyl ether	6.030	45	101147	20.015	ug/l	98
23) Vinyl Acetate	5.975	43	267443	94.934	ug/l	99
24) 1,1-Dichloroethane	5.927	63	57818	19.528	ug/l	98
25) 2-Butanone	6.908	43	38446	95.973	ug/l	100
26) 2,2-Dichloropropane	6.896	77	54581	19.923	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	34496	18.716	ug/l	91
28) Bromochloromethane	7.250	49	21578	18.431	ug/l	100
29) Tetrahydrofuran	7.268	42	25523	94.158	ug/l	95
30) Chloroform	7.433	83	59740	19.644	ug/l	99
31) Cyclohexane	7.713	56	44938	16.854	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	55321	19.566	ug/l	100
36) 1,1-Dichloropropene	7.847	75	40460	18.290	ug/l	99
37) Ethyl Acetate	7.000	43	18760	19.332	ug/l	99
38) Carbon Tetrachloride	7.829	117	49722	19.237	ug/l	99
39) Methylcyclohexane	9.115	83	46412	17.153	ug/l	97
40) Benzene	8.091	78	123752	19.063	ug/l	97

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 MSVOA_Y
 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	11069	19.716	ug/l	93
42) 1,2-Dichloroethane	8.170	62	35434	19.677	ug/l	96
43) Isopropyl Acetate	8.207	43	37221	19.303	ug/l #	85
44) Trichloroethene	8.871	130	32022	19.093	ug/l	96
45) 1,2-Dichloropropane	9.146	63	29710	19.282	ug/l	96
46) Dibromomethane	9.237	93	15735	18.444	ug/l	93
47) Bromodichloromethane	9.432	83	46280	20.227	ug/l	99
48) Methyl methacrylate	9.231	41	16256	18.508	ug/l	94
49) 1,4-Dioxane	9.243	88	3212	404.441	ug/l	89
51) 4-Methyl-2-Pentanone	10.005	43	93225	96.142	ug/l	97
52) Toluene	10.182	92	78945	19.368	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	40608	19.766	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	47566	19.554	ug/l	92
55) 1,1,2-Trichloroethane	10.578	97	21498	19.460	ug/l	96
56) Ethyl methacrylate	10.450	69	27584	18.665	ug/l	90
57) 1,3-Dichloropropane	10.725	76	38474	20.121	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	64289	91.437	ug/l	99
59) 2-Hexanone	10.767	43	60592	97.052	ug/l	96
60) Dibromochloromethane	10.920	129	30598	19.723	ug/l	98
61) 1,2-Dibromoethane	11.023	107	19576	18.918	ug/l	100
64) Tetrachloroethene	10.651	164	27635	18.798	ug/l	95
65) Chlorobenzene	11.450	112	87909	19.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	32568	20.784	ug/l	96
67) Ethyl Benzene	11.529	91	154908	19.862	ug/l	100
68) m/p-Xylenes	11.639	106	115570	39.610	ug/l	94
69) o-Xylene	11.962	106	56002	20.587	ug/l	100
70) Styrene	11.980	104	92576	20.419	ug/l	98
71) Bromoform	12.139	173	17437	19.991	ug/l #	97
73) Isopropylbenzene	12.261	105	152412	20.230	ug/l	100
74) N-amyl acetate	12.078	43	31260	18.979	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	23939	19.106	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	32771	37.457	ug/l #	100
77) Bromobenzene	12.541	156	33960	19.533	ug/l	94
78) n-propylbenzene	12.602	91	183492	20.446	ug/l	99
79) 2-Chlorotoluene	12.688	91	103363	20.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	125227	20.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	8082	18.849	ug/l	91
82) 4-Chlorotoluene	12.785	91	107261	20.481	ug/l	100
83) tert-Butylbenzene	13.005	119	112500	20.263	ug/l	96
84) 1,2,4-Trimethylbenzene	13.053	105	122982	20.592	ug/l	99
85) sec-Butylbenzene	13.181	105	166740	20.863	ug/l	98
86) p-Isopropyltoluene	13.297	119	138547	20.869	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	68009	20.259	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	68099	20.603	ug/l	99
89) n-Butylbenzene	13.627	91	125836	20.777	ug/l	99
90) Hexachloroethane	13.889	117	28527	20.597	ug/l	90
91) 1,2-Dichlorobenzene	13.669	146	58497	20.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3411	18.217	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	32510	20.046	ug/l	98
94) Hexachlorobutadiene	15.029	225	22478	20.915	ug/l	98
95) Naphthalene	15.151	128	49813	19.198	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	26769	19.834	ug/l	99

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

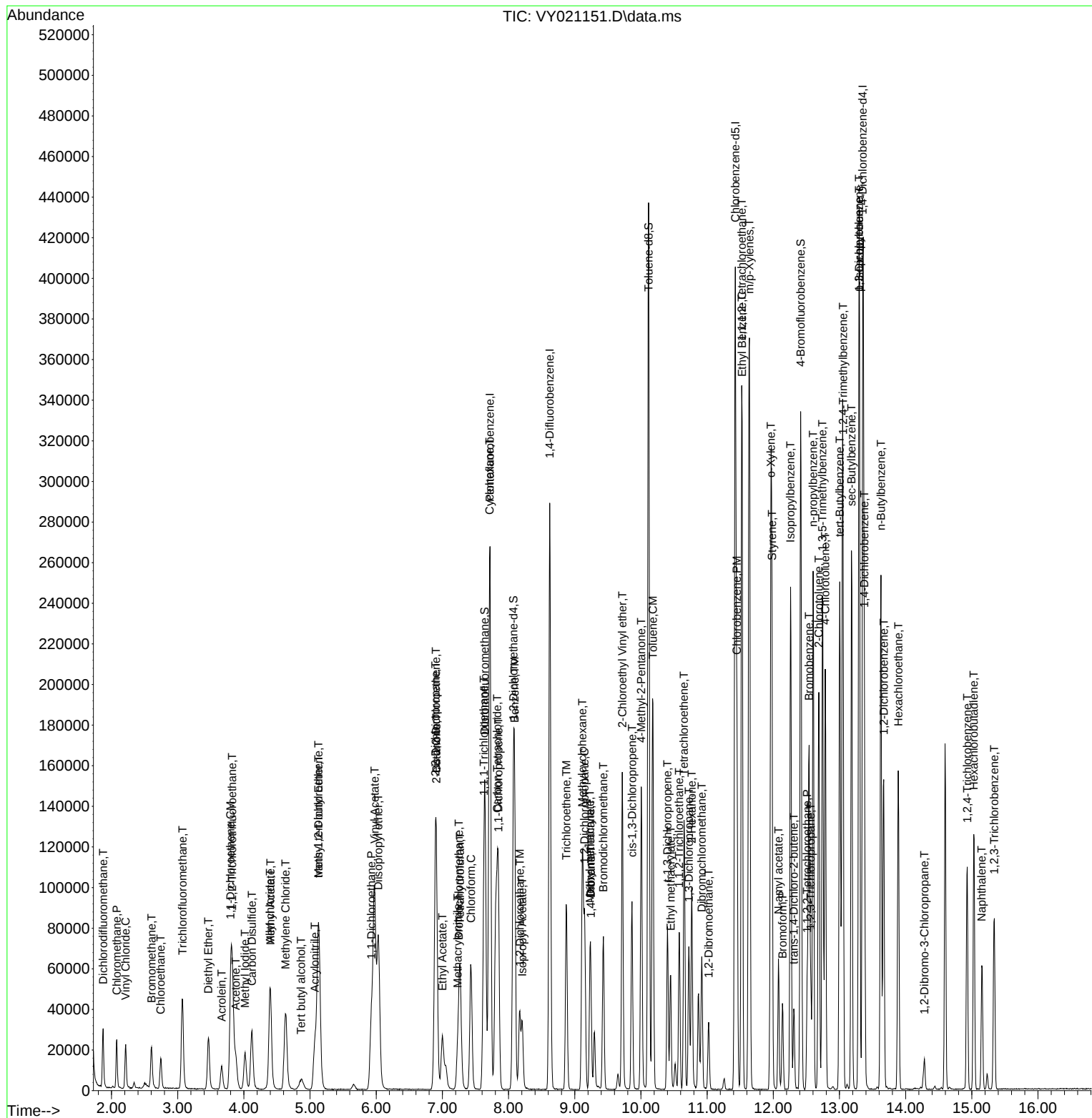
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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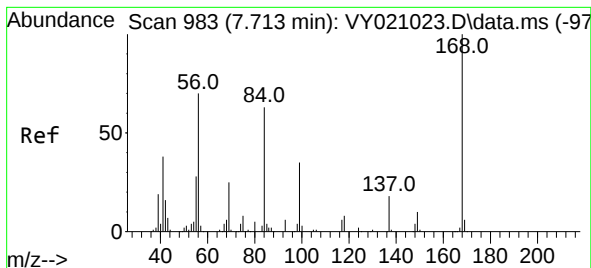
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

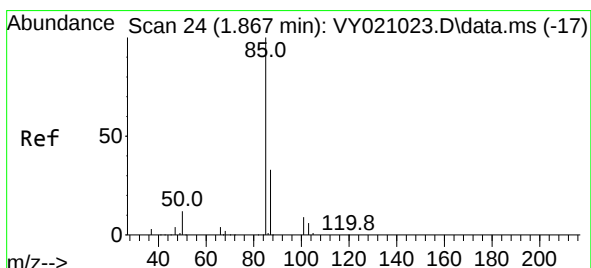
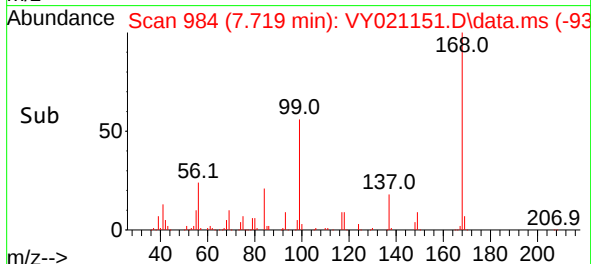
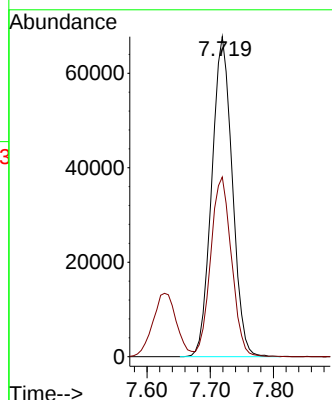
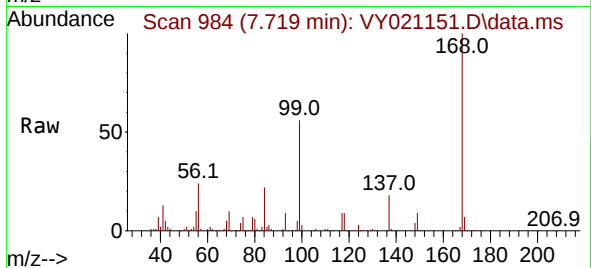
ClientSampleId :

Tgt Ion:168 Resp: 152570

Ion Ratio Lower Upper

168 100

99 56.0 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 16.821 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY021151.D

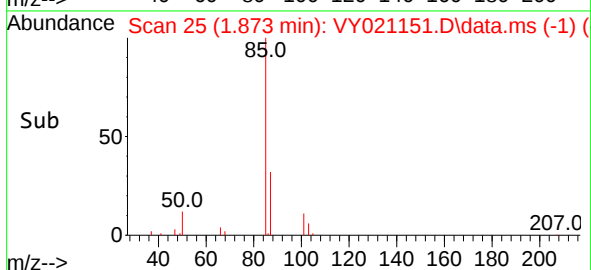
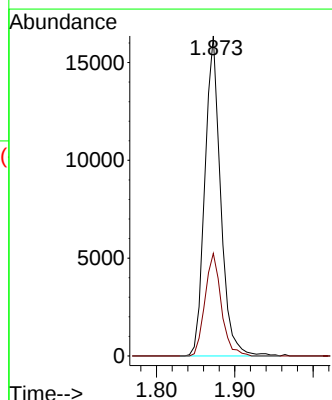
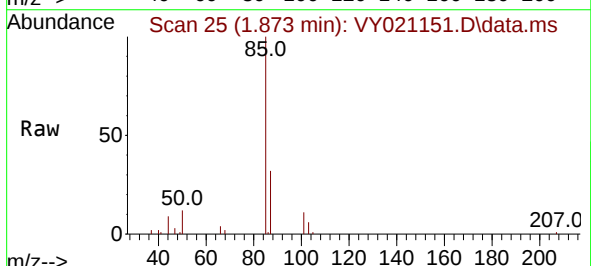
Acq: 10 Feb 2025 11:52

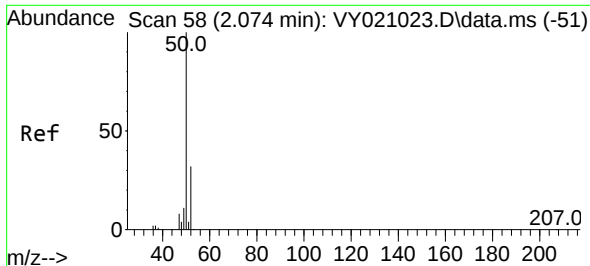
Tgt Ion: 85 Resp: 22873

Ion Ratio Lower Upper

85 100

87 32.1 17.1 51.3

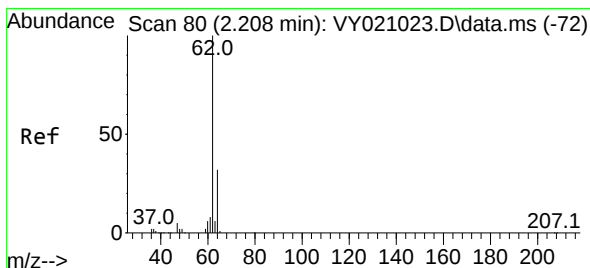
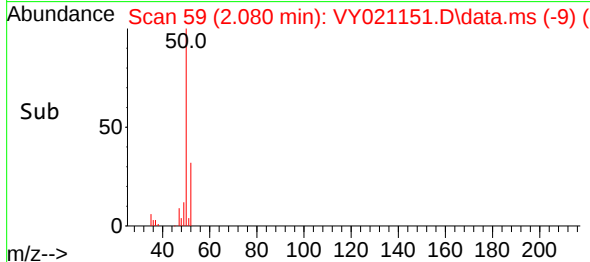
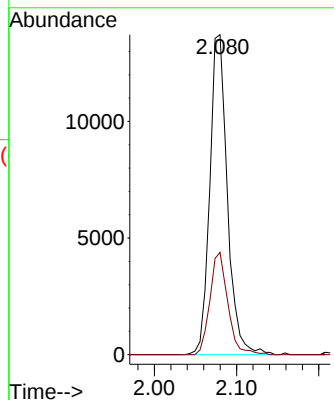
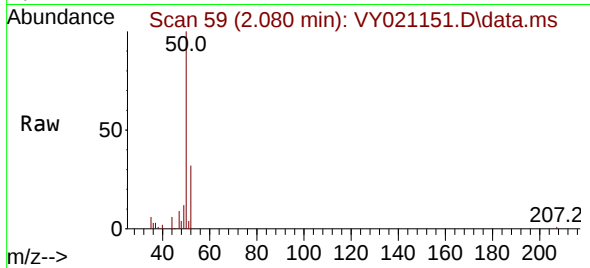




#3
Chloromethane
Concen: 15.224 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

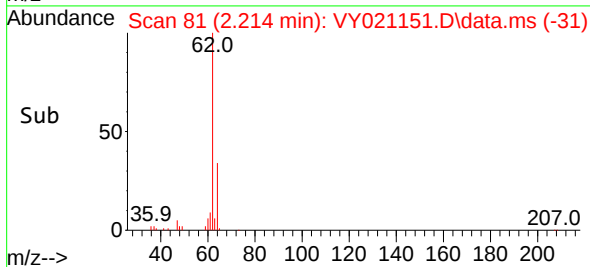
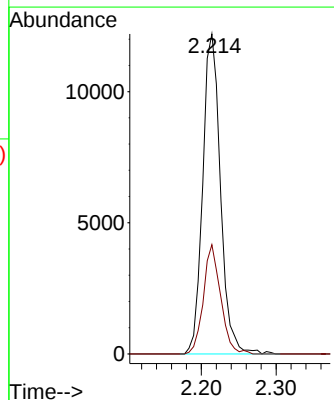
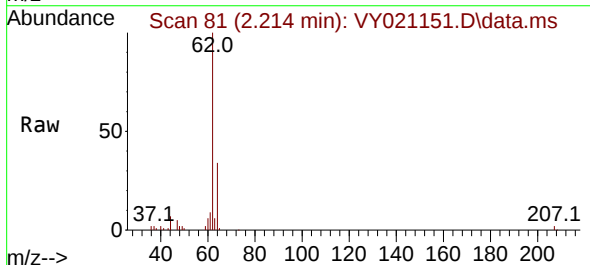
Instrument :
MSVOA_Y
ClientSampleId :

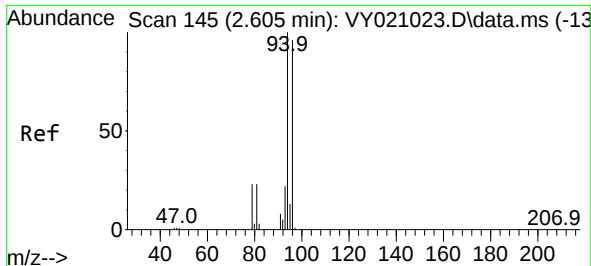
Tgt Ion: 50 Resp: 20428
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 14.914 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 62 Resp: 20143
Ion Ratio Lower Upper
62 100
64 34.1 25.7 38.5

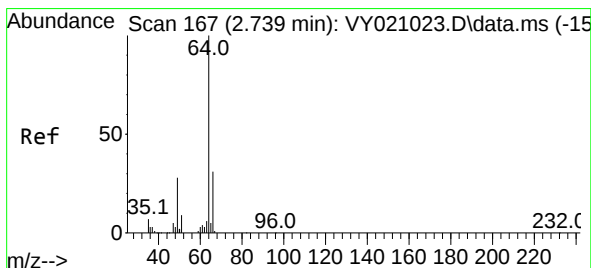
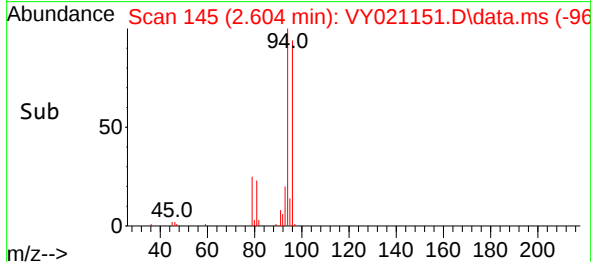
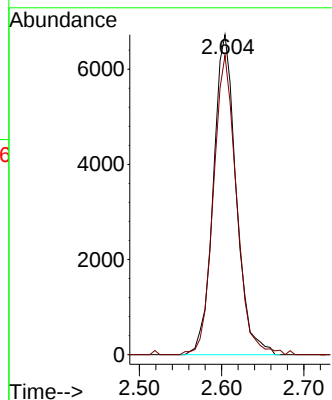
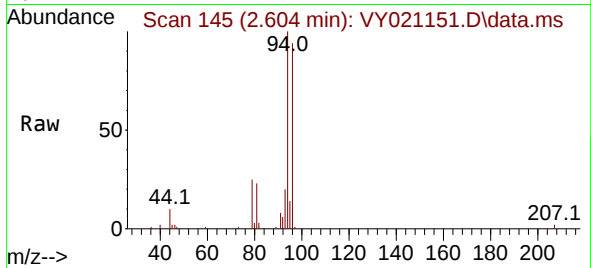




#5
Bromomethane
Concen: 15.525 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

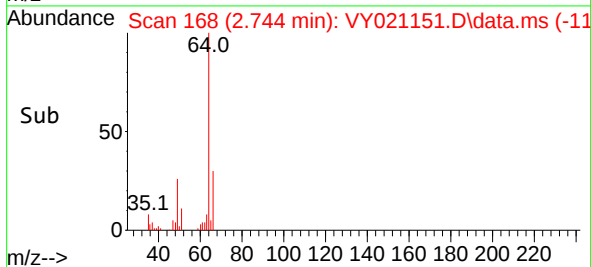
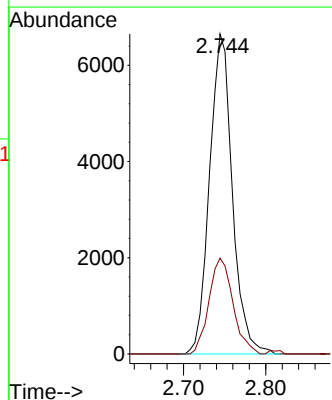
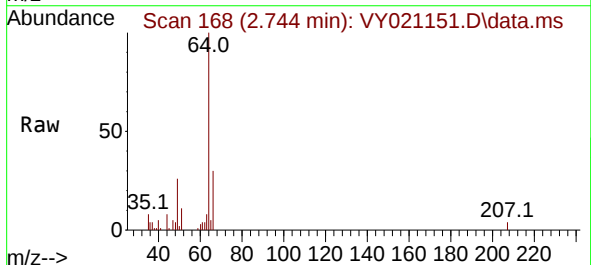
Instrument :
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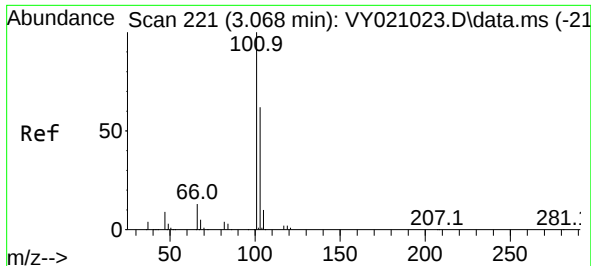
Tgt Ion: 94 Resp: 12960
Ion Ratio Lower Upper
94 100
96 93.5 77.3 115.9



#6
Chloroethane
Concen: 15.912 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 64 Resp: 12793
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7

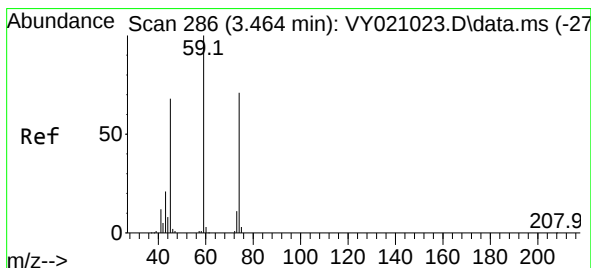
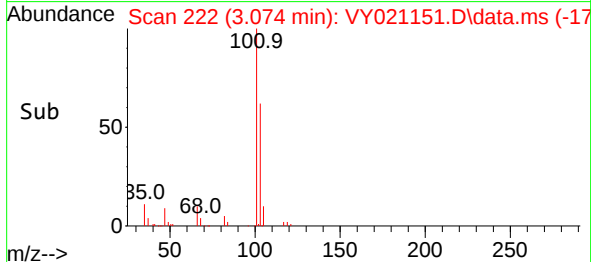
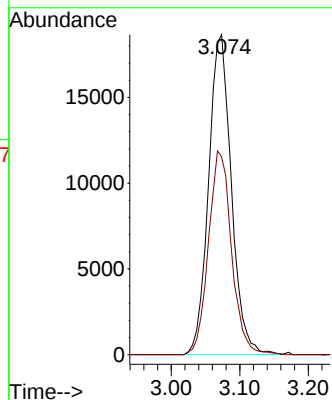
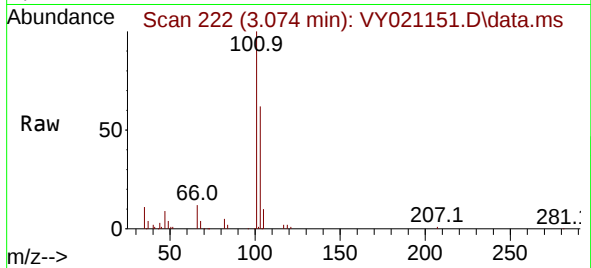




#7
 Trichlorofluoromethane
 Concen: 17.536 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

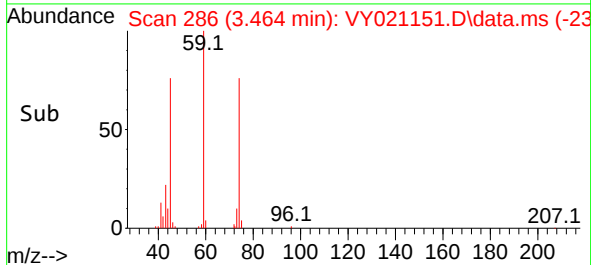
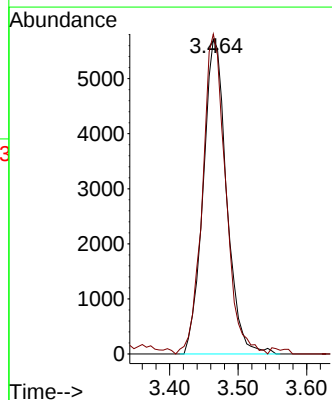
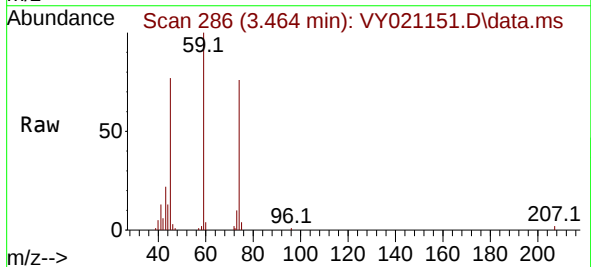
Instrument :
 MSVOA_Y
 ClientSampleId :

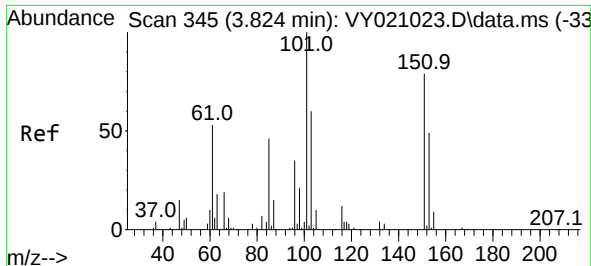
Tgt Ion:101 Resp: 43150
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 17.736 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.001 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

Tgt Ion: 74 Resp: 13624
 Ion Ratio Lower Upper
 74 100
 45 100.4 47.9 143.7

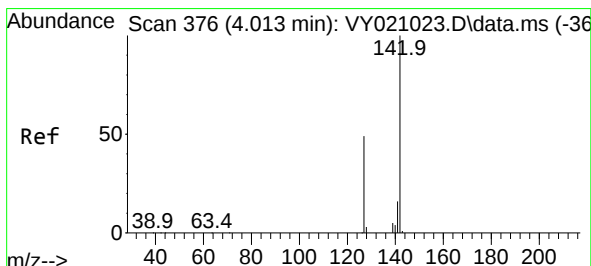
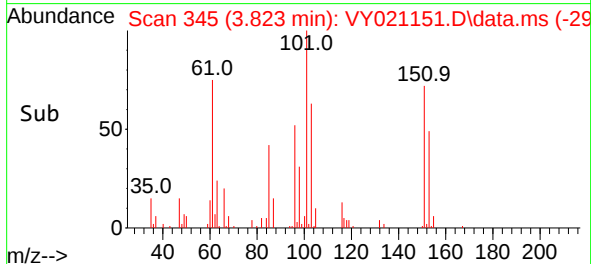
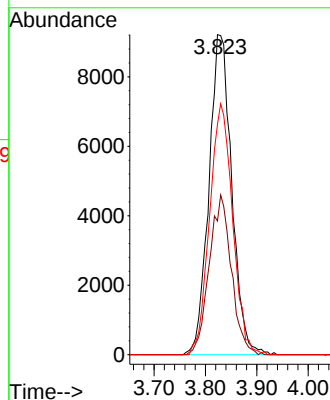
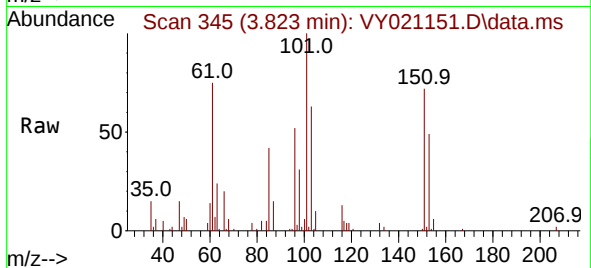




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.391 ug/l
RT: 3.823 min Scan# 345
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

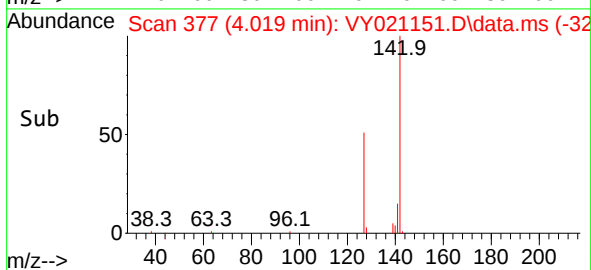
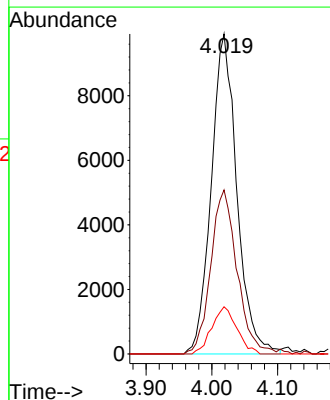
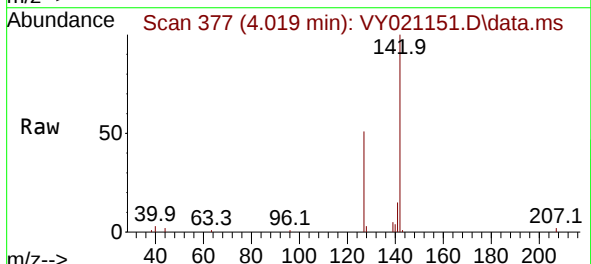
Instrument :
MSVOA_Y
ClientSampleId :

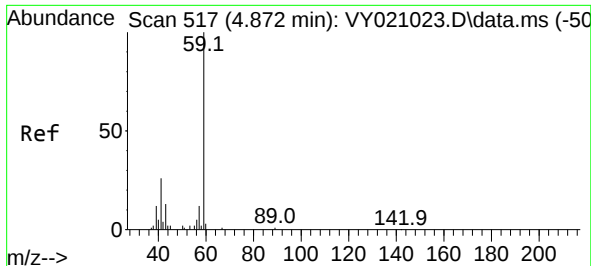
Tgt Ion:101	Resp:	28402
Ion Ratio	Lower	Upper
101	100	
85	48.4	35.8 53.6
151	79.1	58.6 88.0



#10
Methyl Iodide
Concen: 15.682 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:142	Resp:	26905
Ion Ratio	Lower	Upper
142	100	
127	52.6	35.1 52.7
141	14.4	11.8 17.6

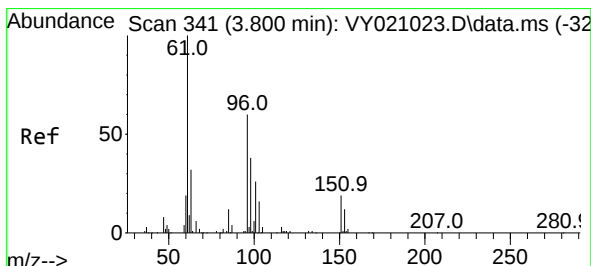
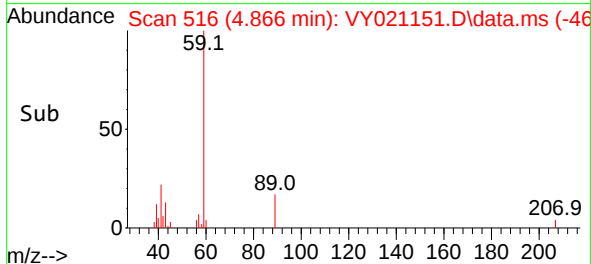
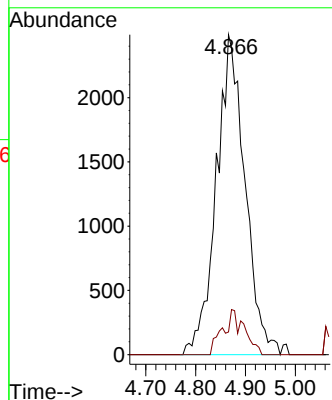
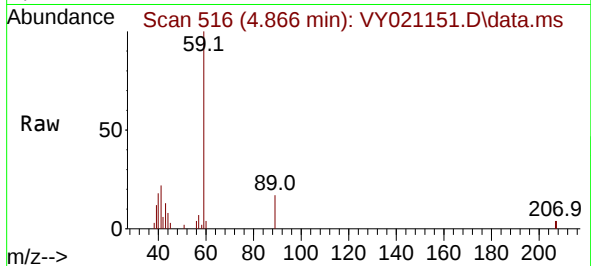




#11
Tert butyl alcohol
Concen: 93.882 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.007 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

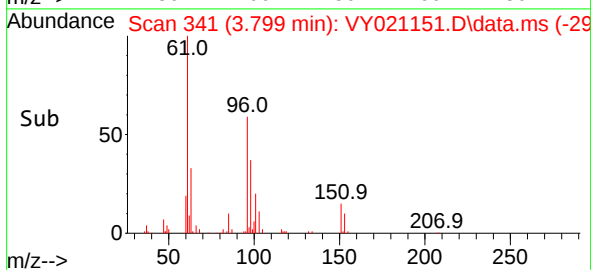
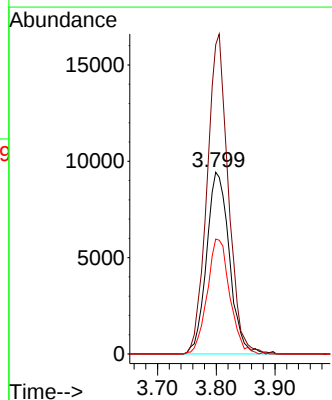
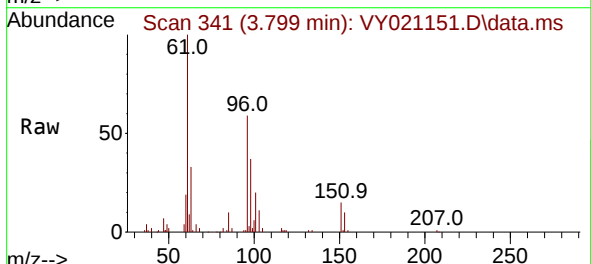
Instrument :
MSVOA_Y
ClientSampleId :

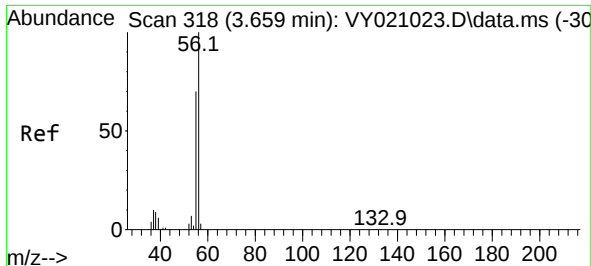
Tgt Ion: 59 Resp: 9945
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 17.528 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 96 Resp: 25499
Ion Ratio Lower Upper
96 100
61 170.2 124.2 186.2
98 63.2 52.6 79.0





#13

Acrolein

Concen: 77.451 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

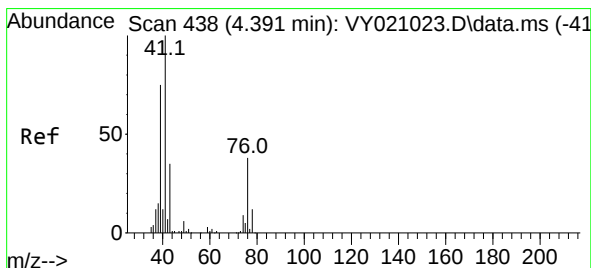
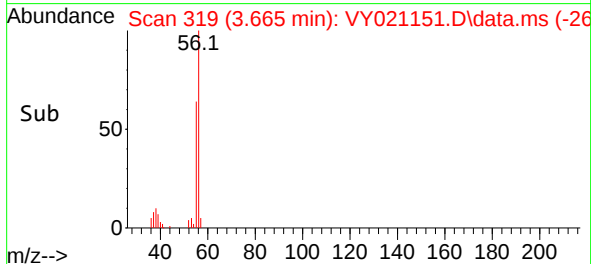
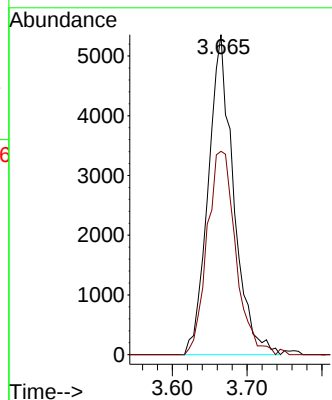
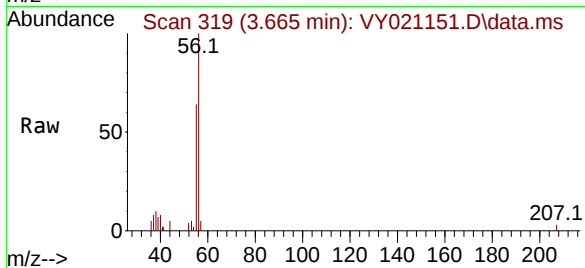
ClientSampleId :

Tgt Ion: 56 Resp: 12634

Ion Ratio Lower Upper

56 100

55 71.7 55.4 83.0



#14

Allyl chloride

Concen: 17.998 ug/l

RT: 4.396 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

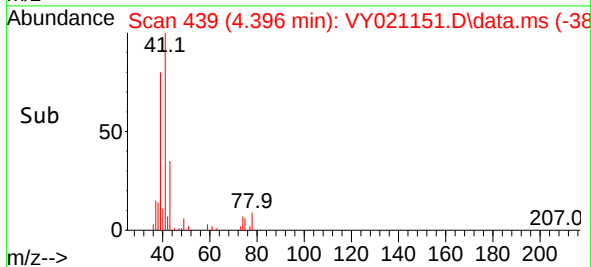
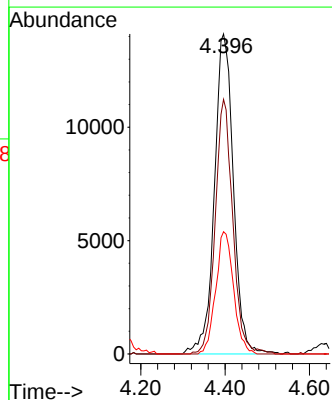
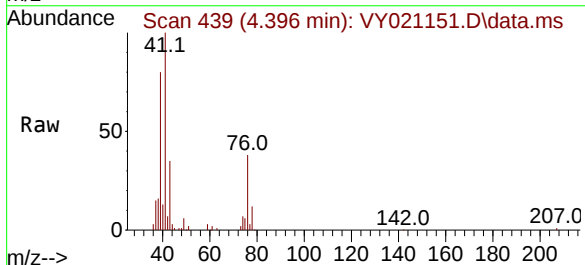
Tgt Ion: 41 Resp: 44125

Ion Ratio Lower Upper

41 100

39 73.4 54.7 82.1

76 35.8 31.8 47.6





#15

Acrylonitrile

Concen: 93.295 ug/l

RT: 5.073 min Scan# 51

Delta R.T. 0.012 min

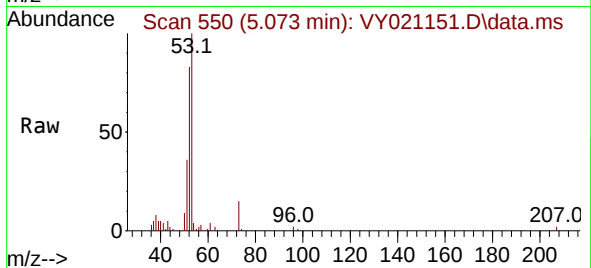
Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

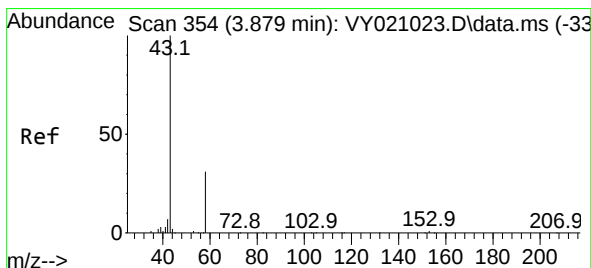
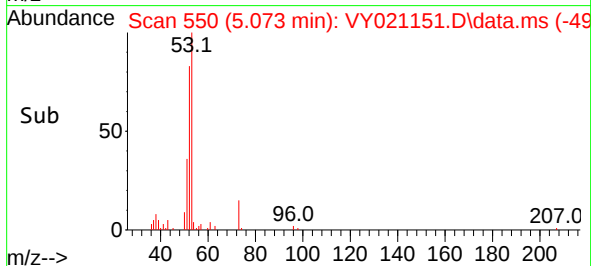
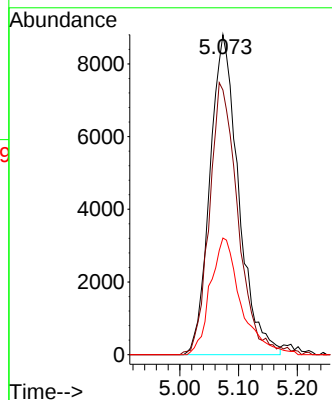
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 29842
Ion Ratio	Lower Upper
53	100
52	84.7 65.1 97.7
51	38.9 29.0 43.4



#16

Acetone

Concen: 103.984 ug/l

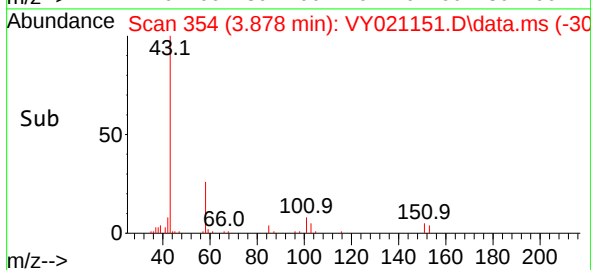
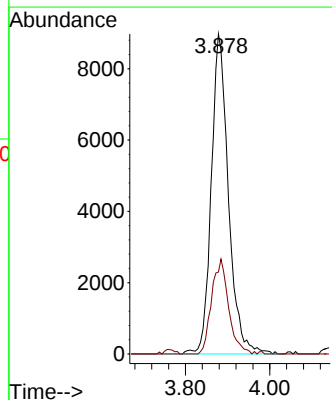
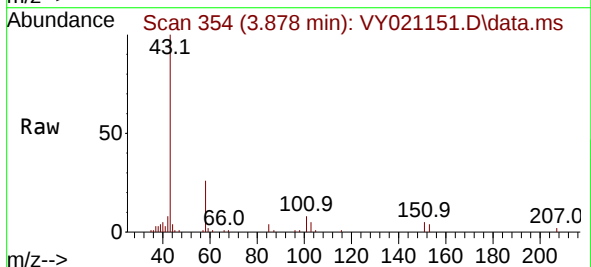
RT: 3.878 min Scan# 354

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Tgt Ion: 43	Resp: 25349
Ion Ratio	Lower Upper
43	100
58	25.6 26.6 39.8#

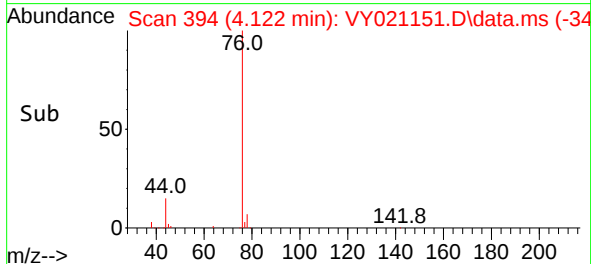
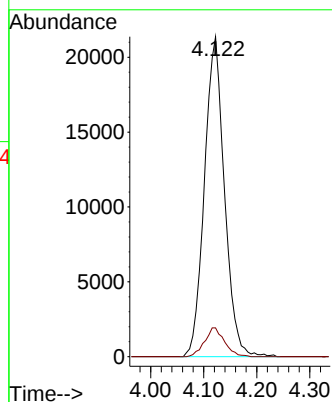
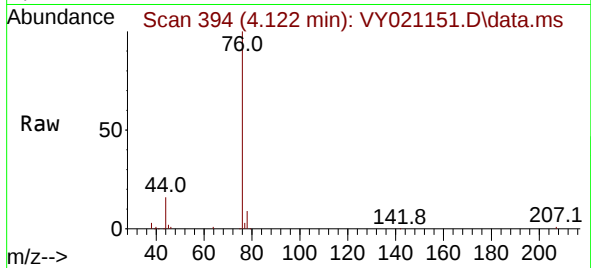




#17
Carbon Disulfide
Concen: 12.289 ug/l
RT: 4.122 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

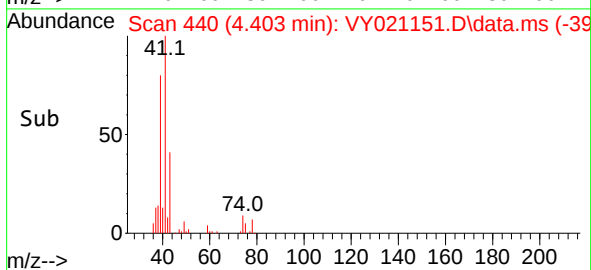
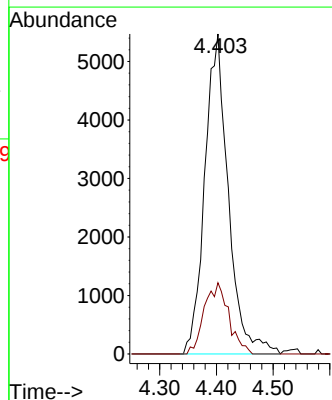
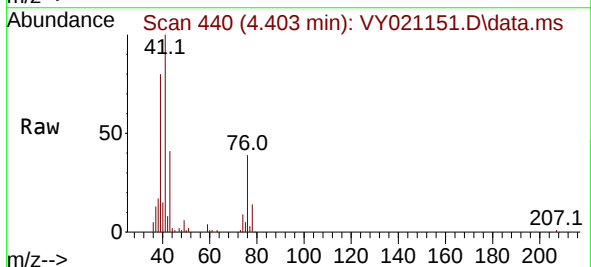
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 56057
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 18.430 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 43 Resp: 15772
Ion Ratio Lower Upper
43 100
74 23.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.151 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

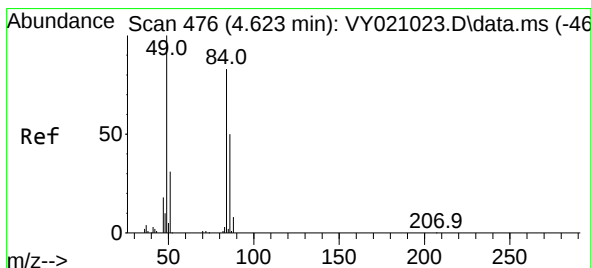
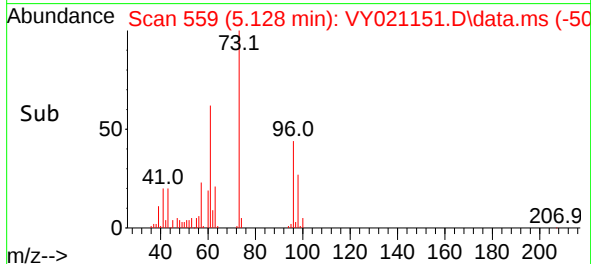
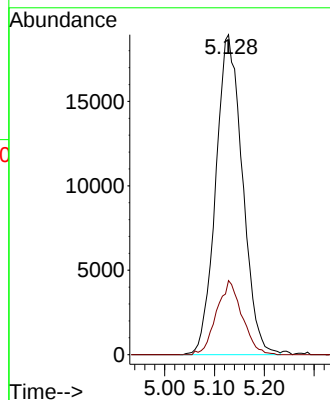
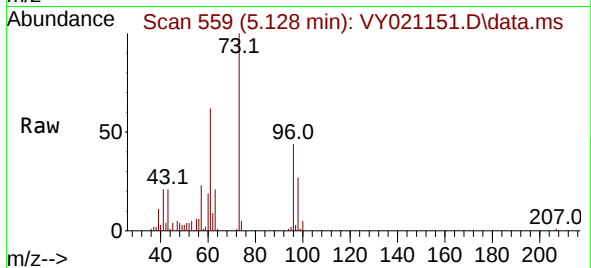
ClientSampleId :

Tgt Ion: 73 Resp: 70415

Ion Ratio Lower Upper

73 100

57 23.2 17.7 26.5



#20

Methylene Chloride

Concen: 18.204 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Tgt Ion: 84 Resp: 27587

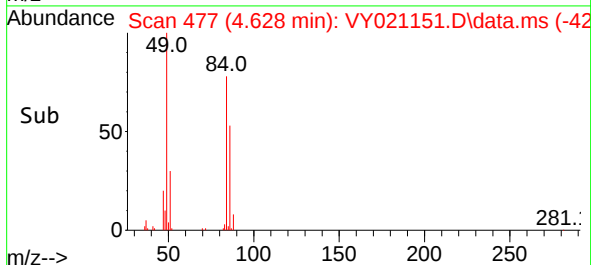
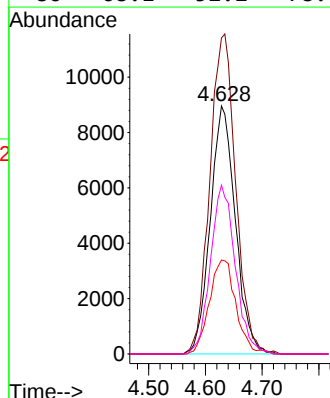
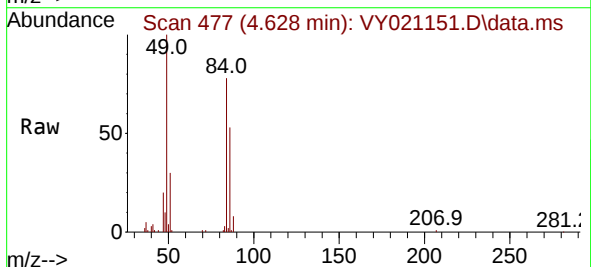
Ion Ratio Lower Upper

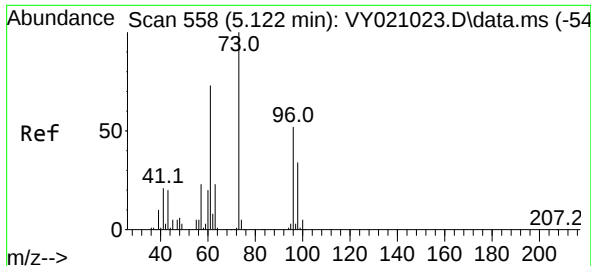
84 100

49 127.4 95.2 142.8

51 37.9 29.9 44.9

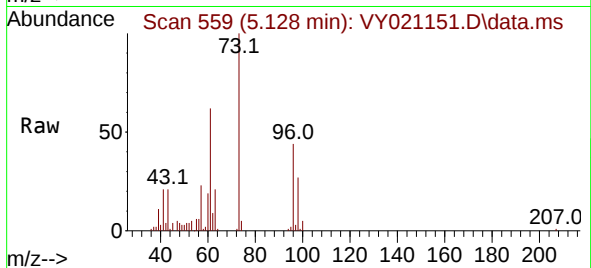
86 68.1 52.2 78.4



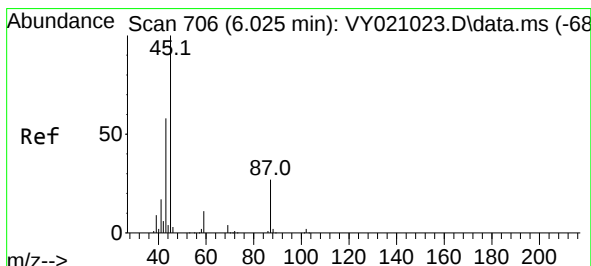
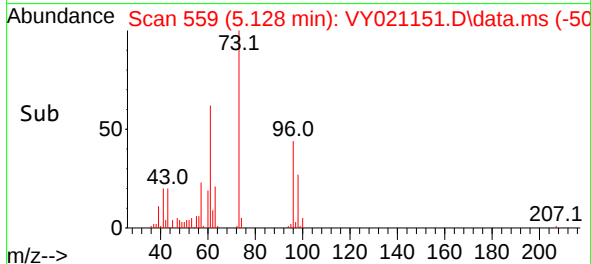
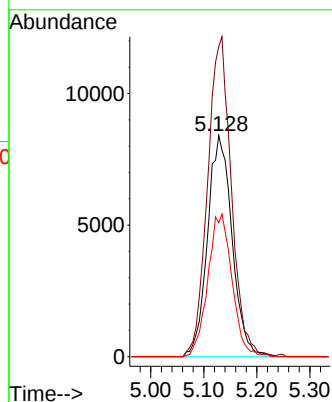


#21
trans-1,2-Dichloroethene
Concen: 16.893 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Instrument :
MSVOA_Y
ClientSampleId :

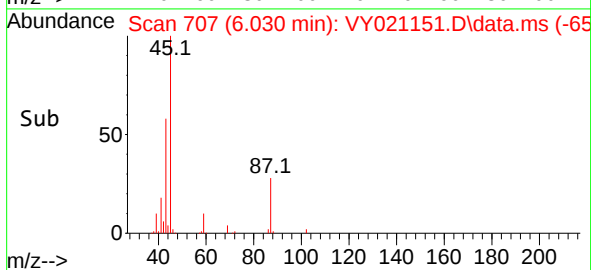
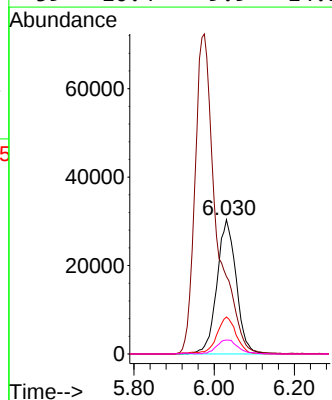
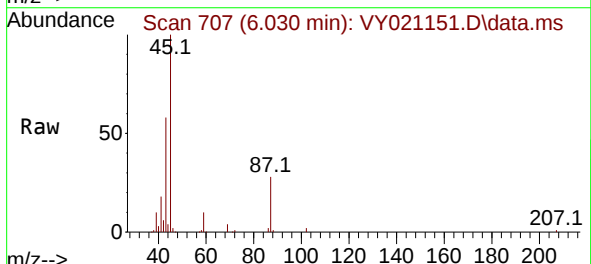


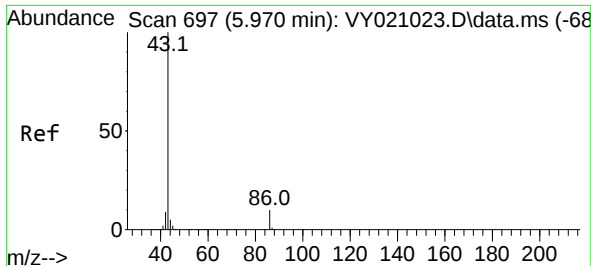
Tgt Ion: 96 Resp: 27050
Ion Ratio Lower Upper
96 100
61 140.2 104.6 156.8
98 60.6 50.9 76.3



#22
Diisopropyl ether
Concen: 20.015 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 45 Resp: 101147
Ion Ratio Lower Upper
45 100
43 57.2 46.8 70.2
87 27.6 22.2 33.2
59 10.4 9.9 14.9

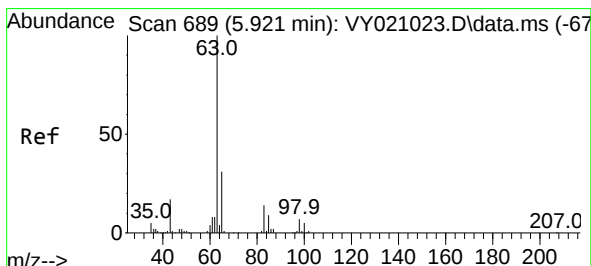
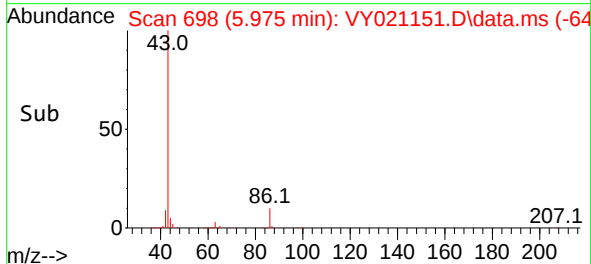
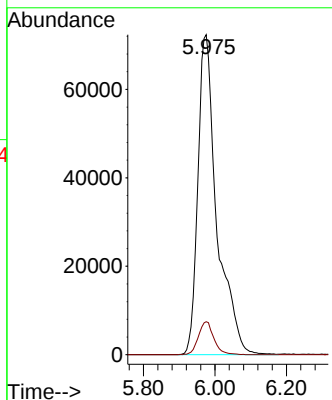
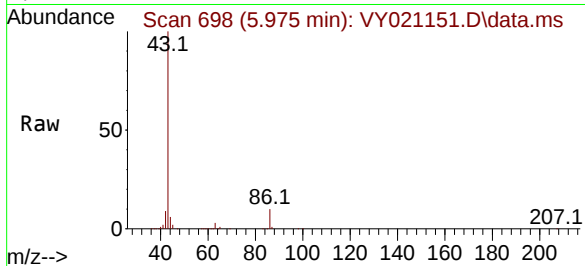




#23
 Vinyl Acetate
 Concen: 94.934 ug/l
 RT: 5.975 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

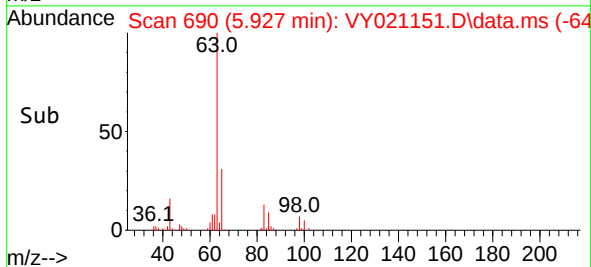
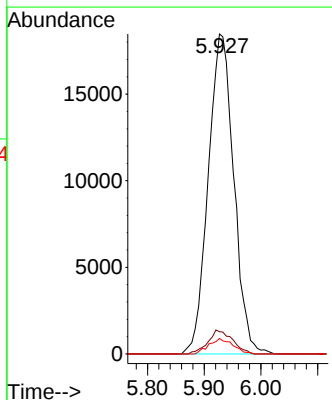
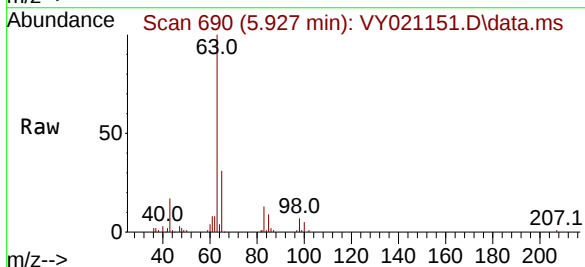
Instrument :
 MSVOA_Y
 ClientSampleId :

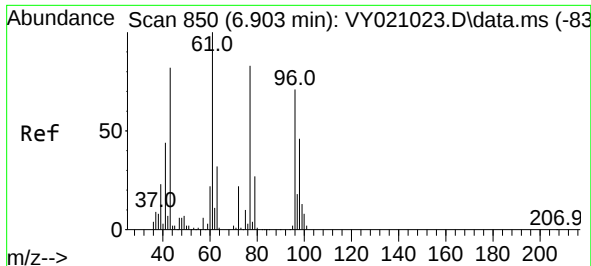
Tgt Ion: 43 Resp: 267443
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.528 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

Tgt Ion: 63 Resp: 57818
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 95.973 ug/l

RT: 6.908 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

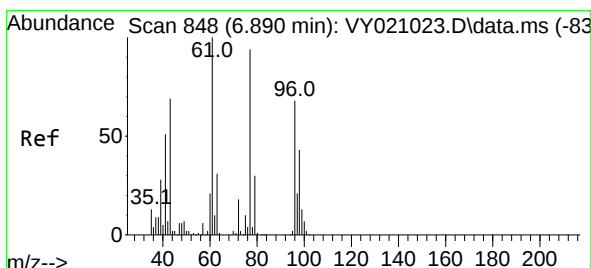
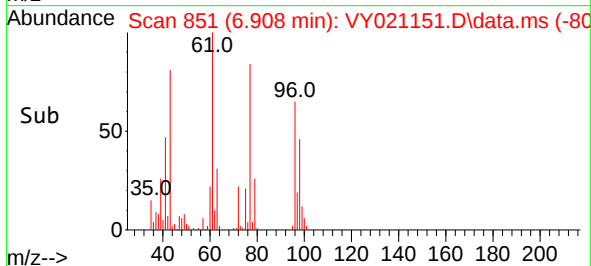
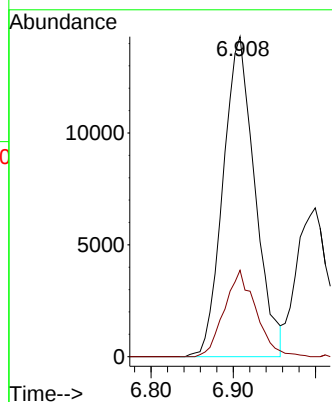
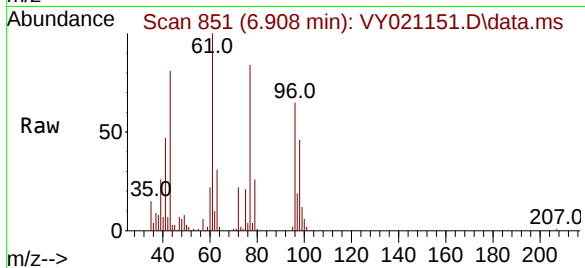
ClientSampleId :

Tgt Ion: 43 Resp: 38446

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.923 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021151.D

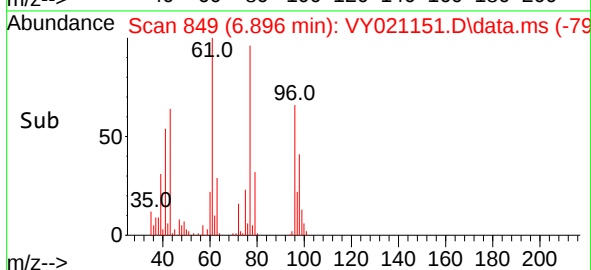
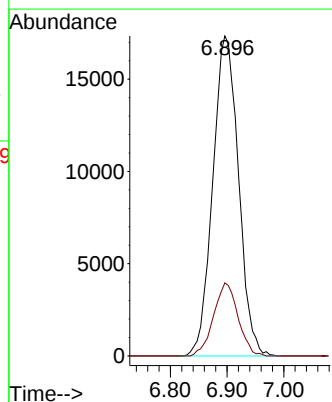
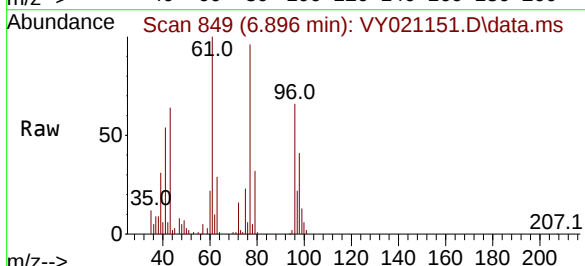
Acq: 10 Feb 2025 11:52

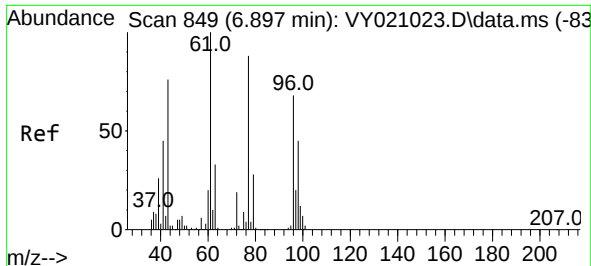
Tgt Ion: 77 Resp: 54581

Ion Ratio Lower Upper

77 100

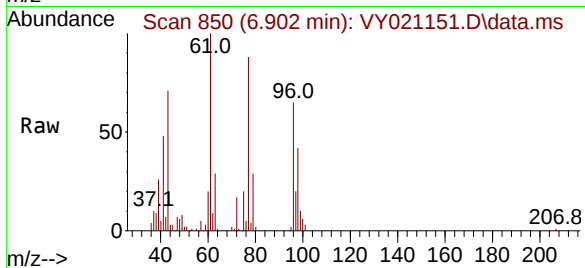
97 21.7 11.7 35.0



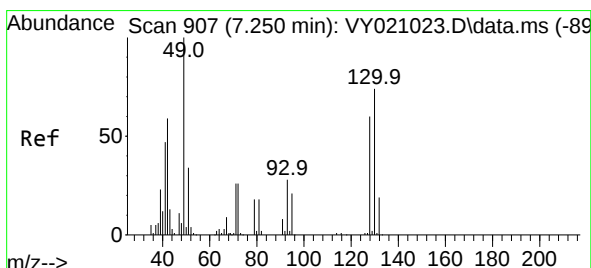
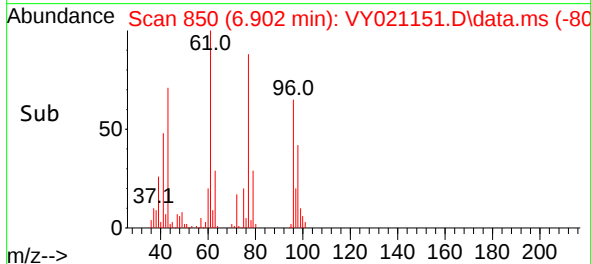
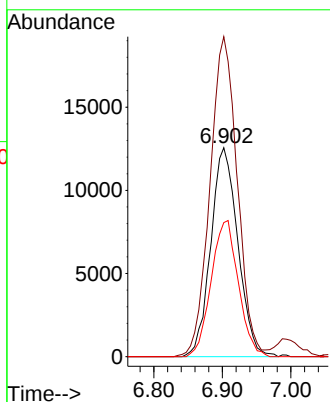


#27
 cis-1,2-Dichloroethene
 Concen: 18.716 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :

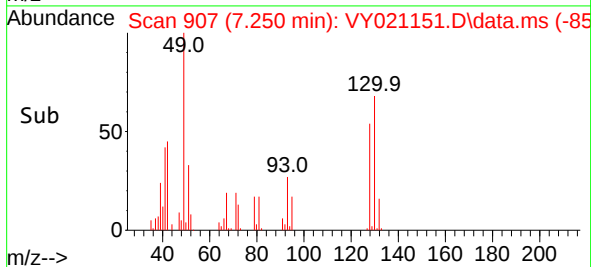
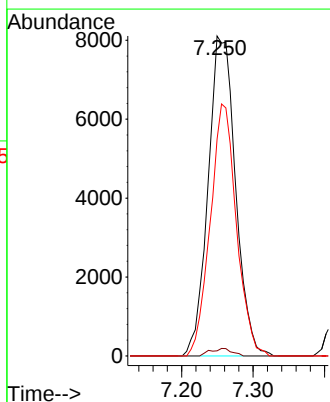
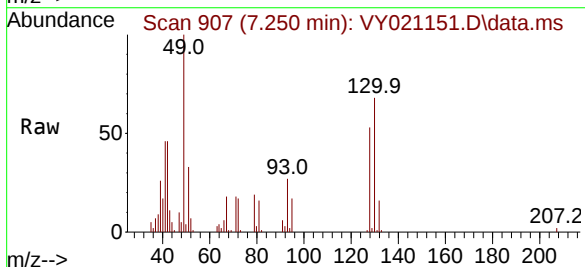


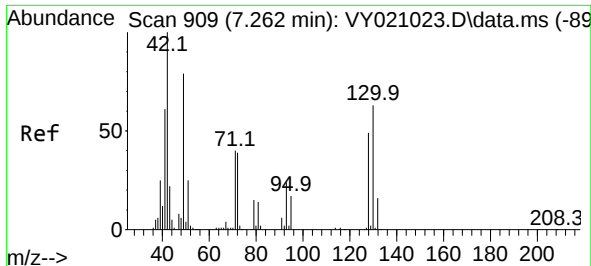
Tgt Ion: 96 Resp: 34496
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 278.8
 98 65.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.431 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY021151.D
 Acq: 10 Feb 2025 11:52

Tgt Ion: 49 Resp: 21578
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 75.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 94.158 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

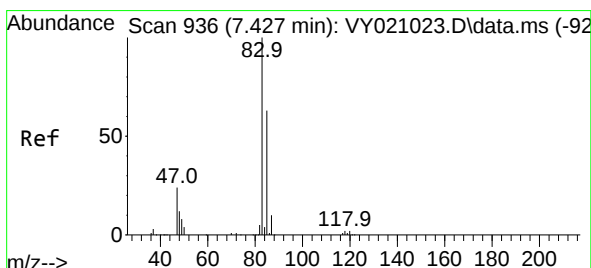
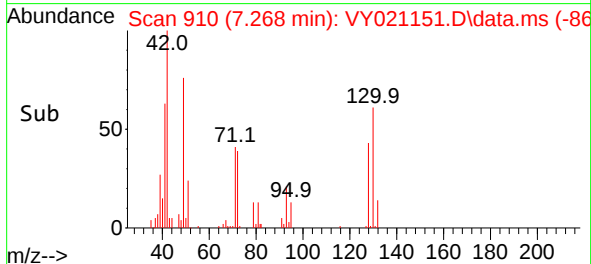
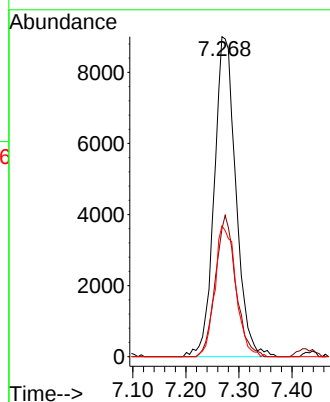
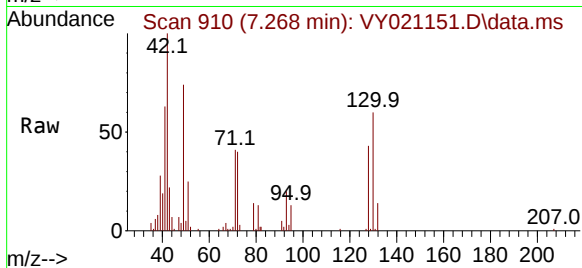
Tgt Ion: 42 Resp: 25523

Ion Ratio Lower Upper

42 100

72 41.6 36.6 54.8

71 39.9 33.8 50.6



#30

Chloroform

Concen: 19.644 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021151.D

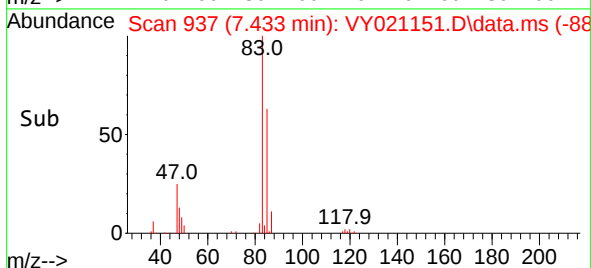
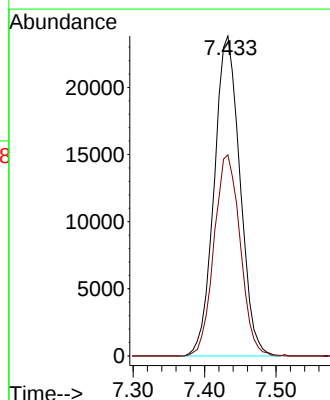
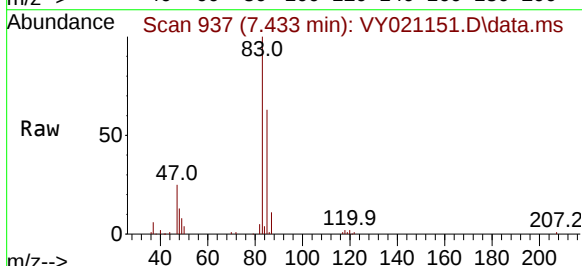
Acq: 10 Feb 2025 11:52

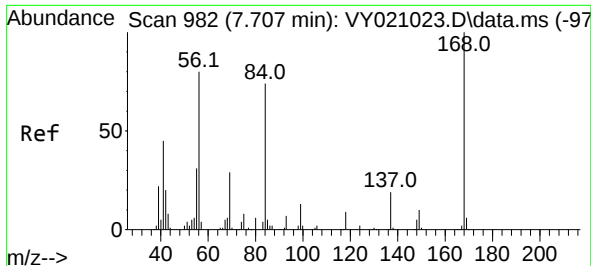
Tgt Ion: 83 Resp: 59740

Ion Ratio Lower Upper

83 100

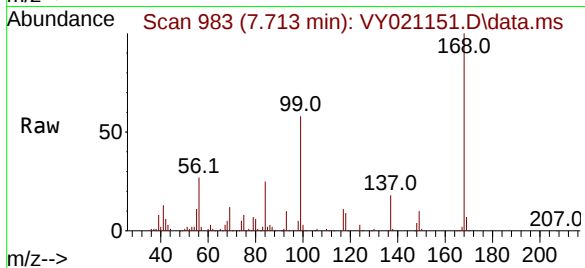
85 62.8 51.2 76.8



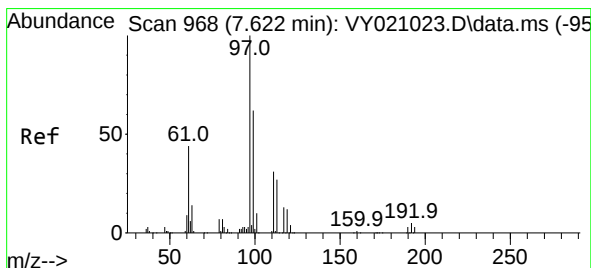
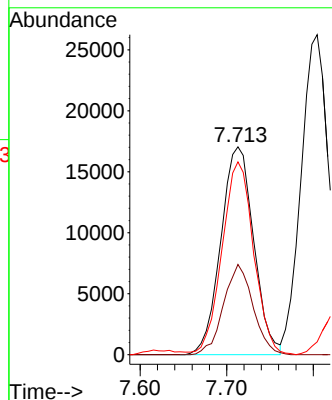
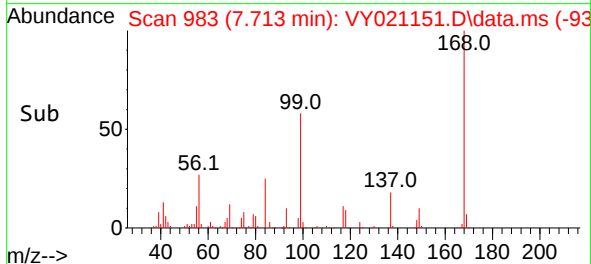


#31
Cyclohexane
Concen: 16.854 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Instrument :
MSVOA_Y
ClientSampleId :

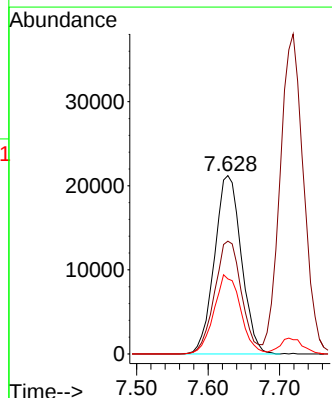
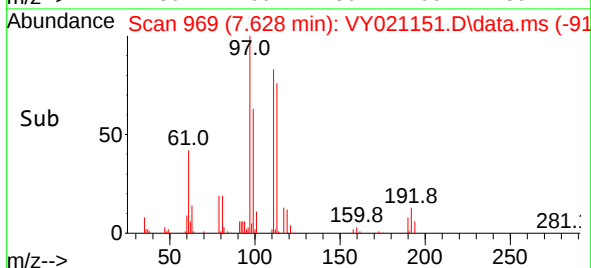
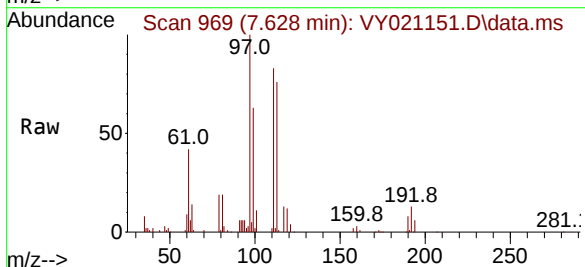


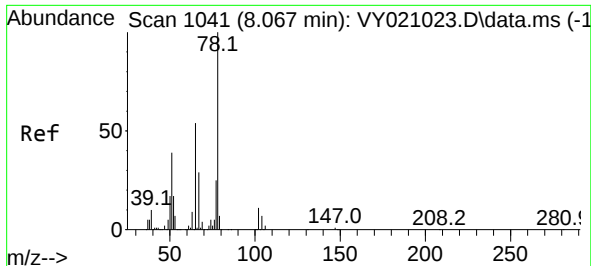
Tgt Ion: 56 Resp: 44938
Ion Ratio Lower Upper
56 100
69 43.4 27.0 40.6#
84 91.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.566 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 97 Resp: 55321
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 48.646 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

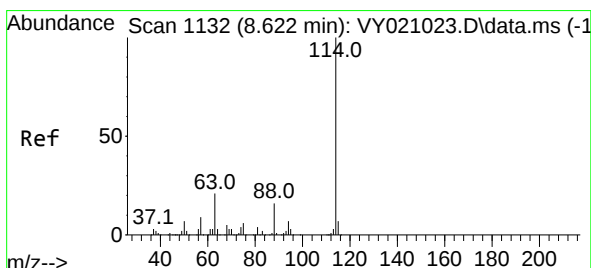
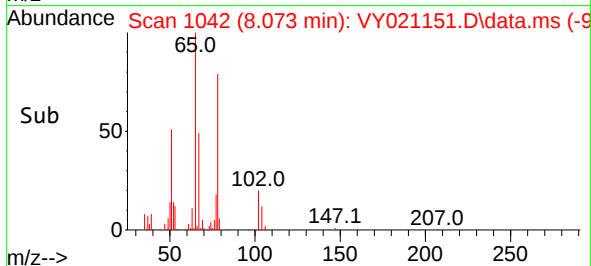
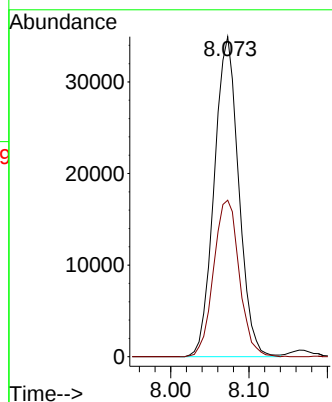
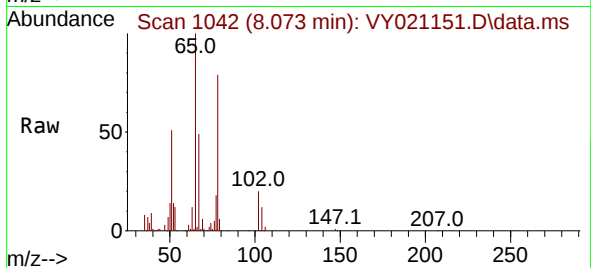
ClientSampleId :

Tgt Ion: 65 Resp: 76043

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

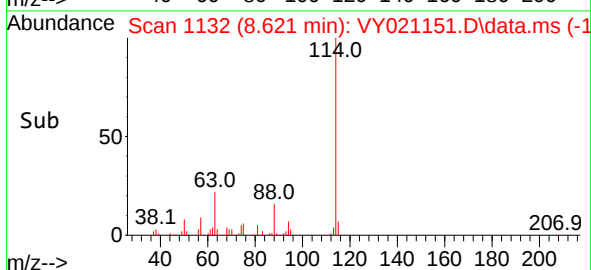
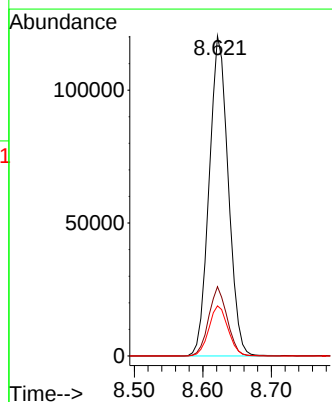
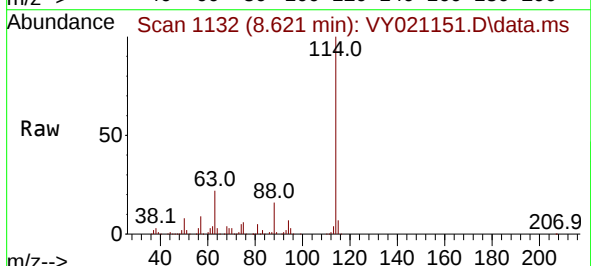
Tgt Ion:114 Resp: 233039

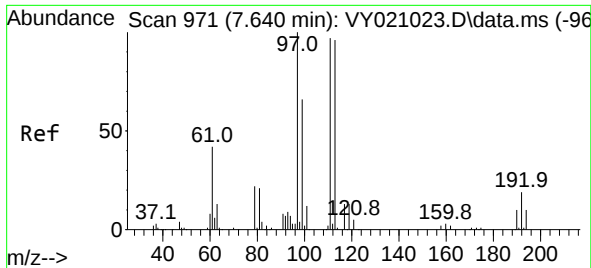
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

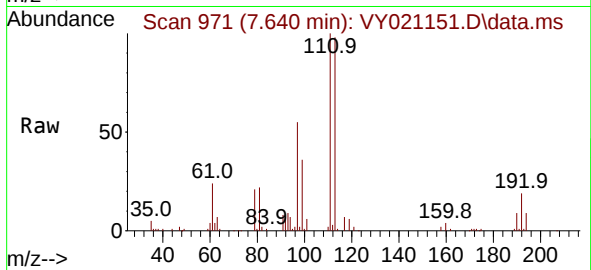
88 15.7 0.0 29.0



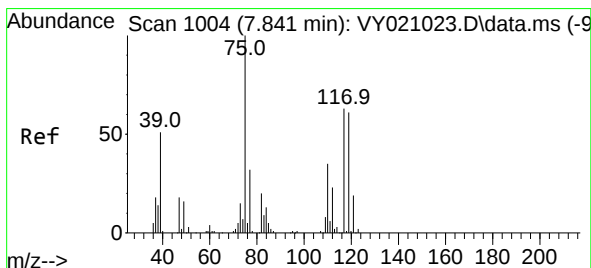
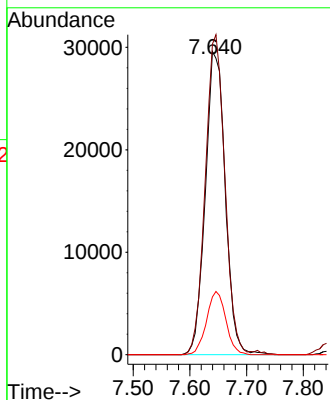
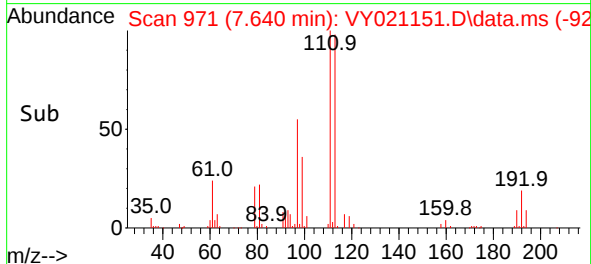


#35
Dibromofluoromethane
Concen: 48.430 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

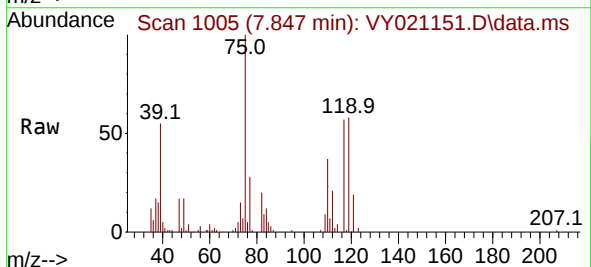
Instrument :
MSVOA_Y
ClientSampleId :



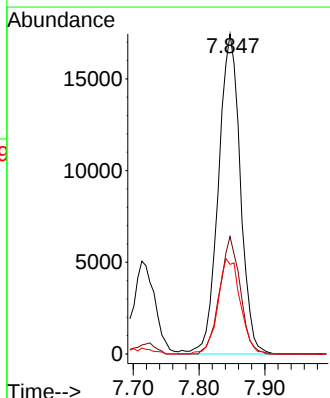
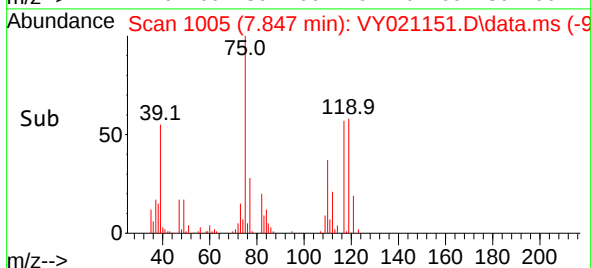
Tgt Ion:113 Resp: 72329
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 20.2 14.5 21.7

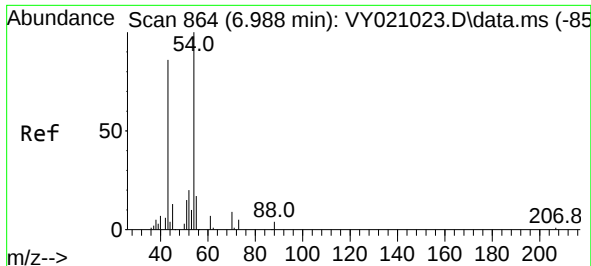


#36
1,1-Dichloropropene
Concen: 18.290 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52



Tgt Ion: 75 Resp: 40460
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 30.5 24.7 37.1

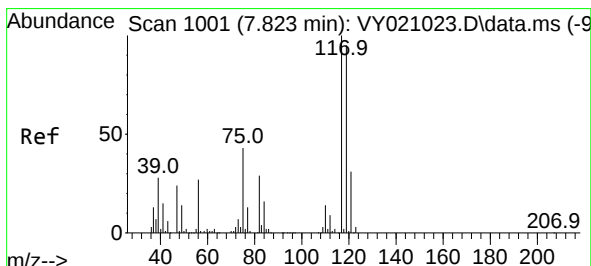
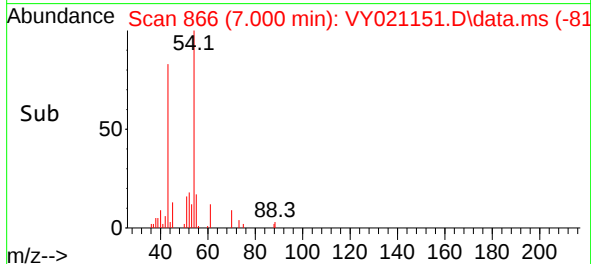
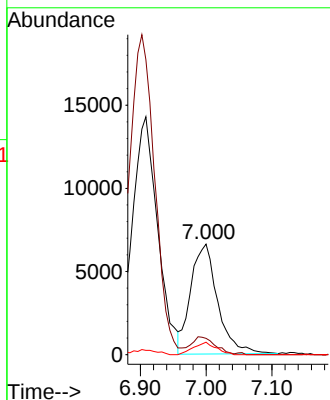
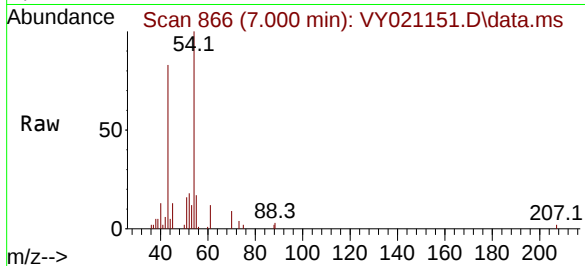




#37
Ethyl Acetate
Concen: 19.332 ug/l
RT: 7.000 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

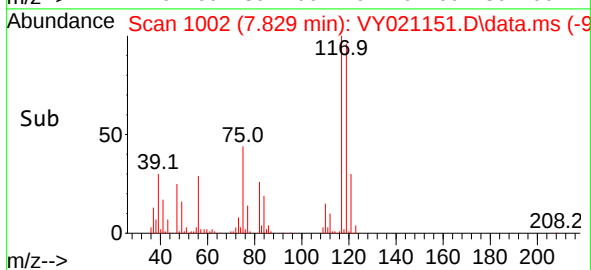
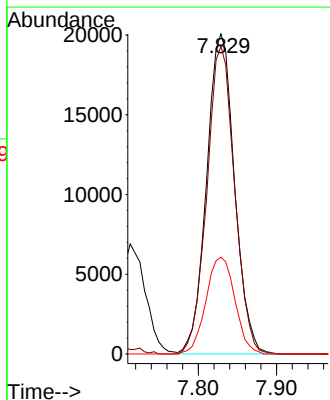
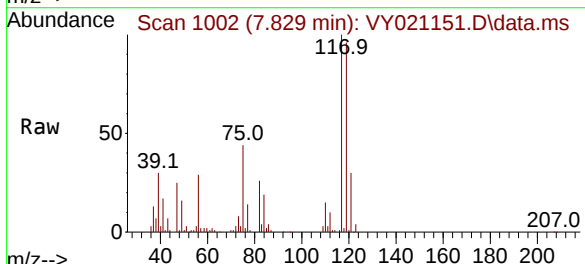
Instrument :
MSVOA_Y
ClientSampleId :

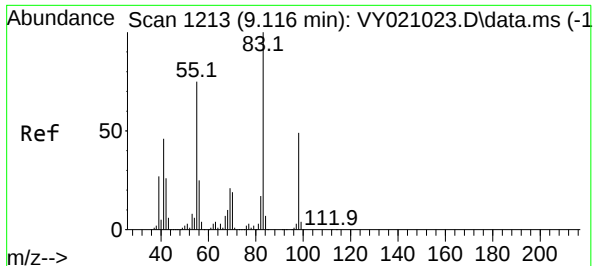
Tgt Ion: 43 Resp: 18760
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 117 Resp: 49722
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.153 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

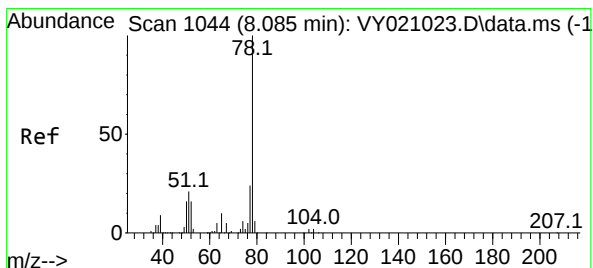
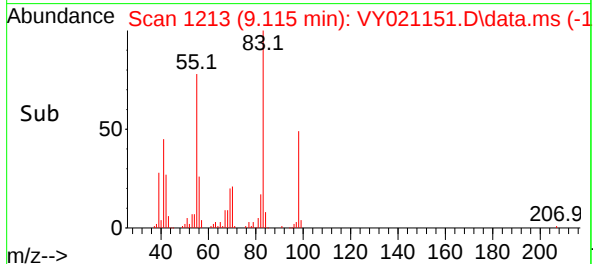
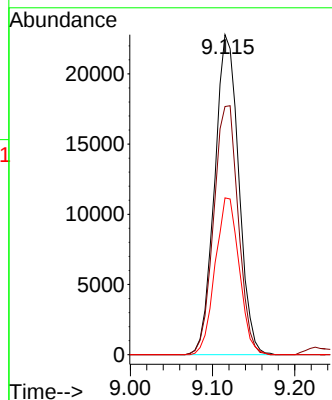
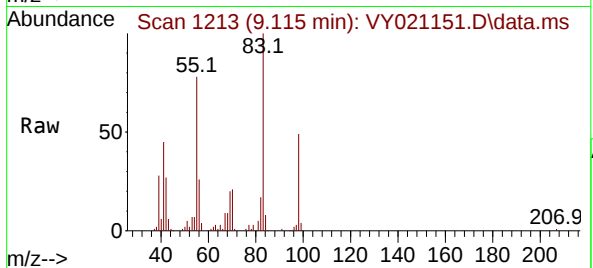
Tgt Ion: 83 Resp: 46412

Ion Ratio Lower Upper

83 100

55 77.6 59.7 89.5

98 49.0 38.0 57.0



#40

Benzene

Concen: 19.063 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021151.D

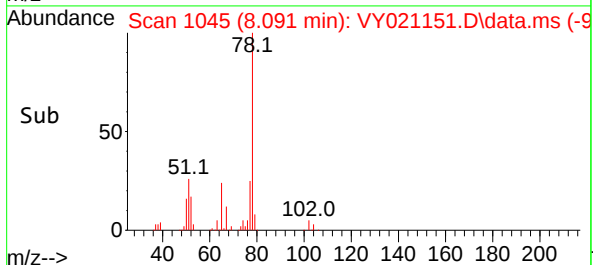
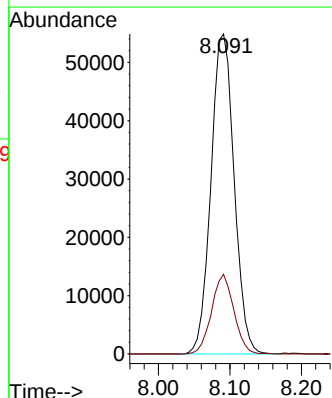
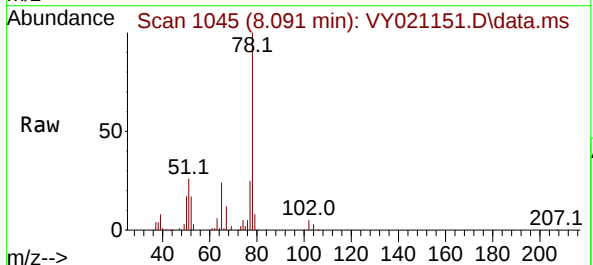
Acq: 10 Feb 2025 11:52

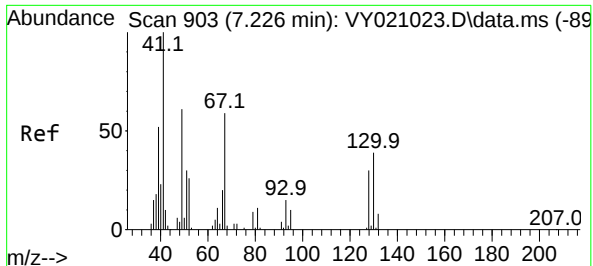
Tgt Ion: 78 Resp: 123752

Ion Ratio Lower Upper

78 100

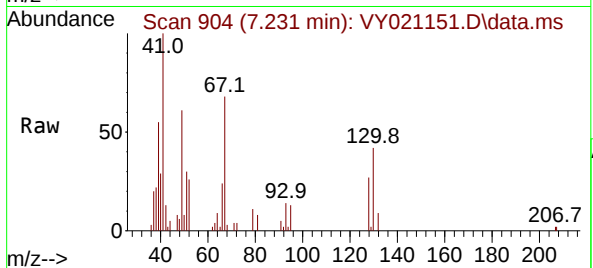
77 24.9 18.8 28.2



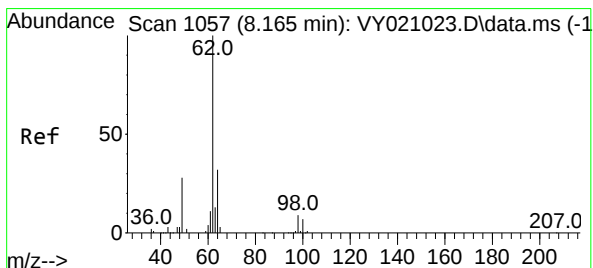
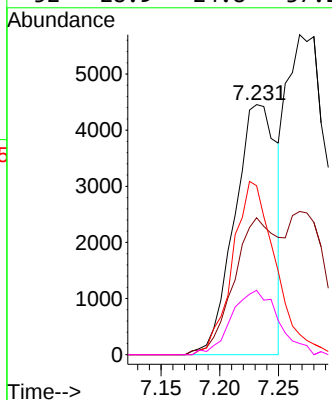
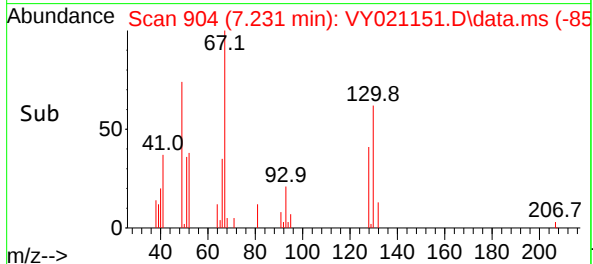


#41
Methacrylonitrile
Concen: 19.716 ug/l
RT: 7.231 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

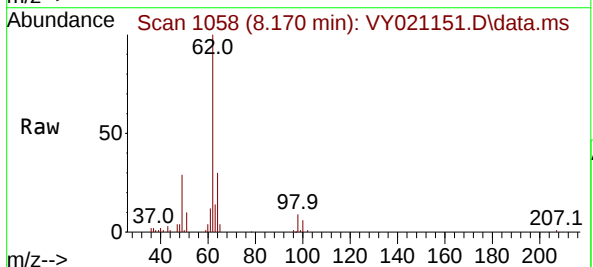
Instrument :
MSVOA_Y
ClientSampleId :



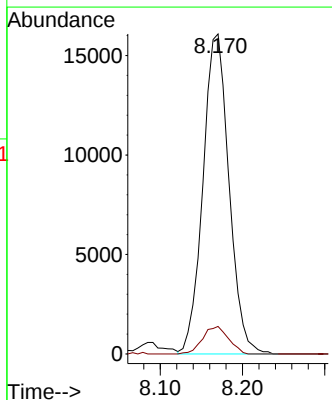
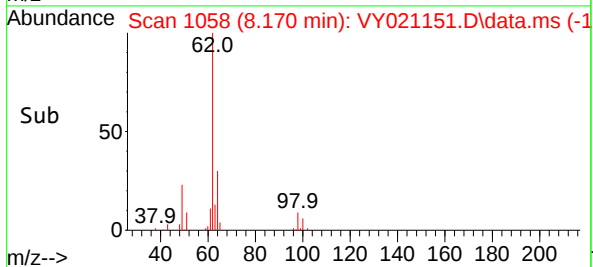
Tgt Ion: 41 Resp: 11069
Ion Ratio Lower Upper
41 100
39 62.2 41.9 62.9
67 70.8 59.8 89.6
52 28.9 24.8 37.2

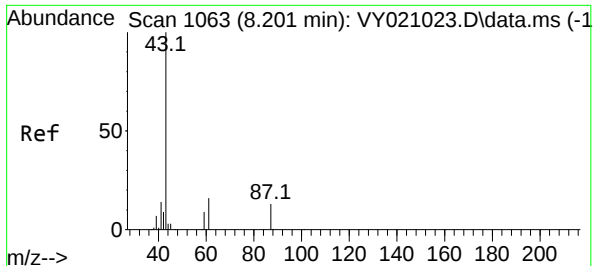


#42
1,2-Dichloroethane
Concen: 19.677 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52



Tgt Ion: 62 Resp: 35434
Ion Ratio Lower Upper
62 100
98 8.5 0.0 20.2

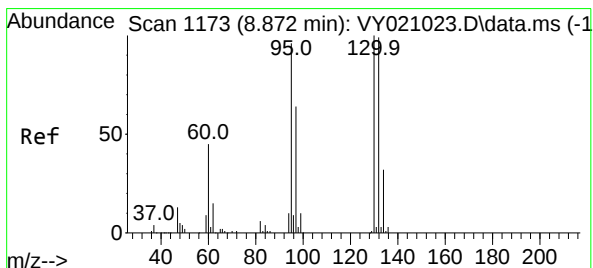
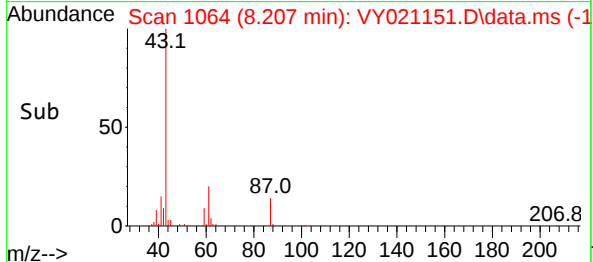
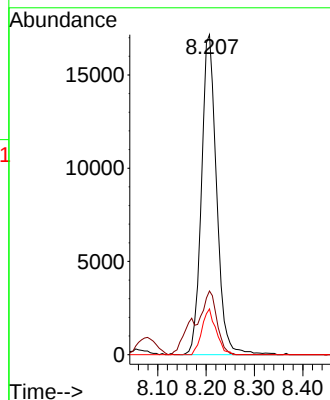
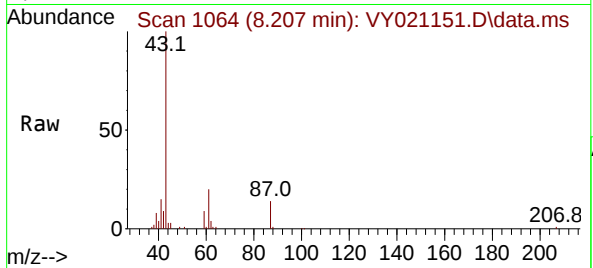




#43
Isopropyl Acetate
Concen: 19.303 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

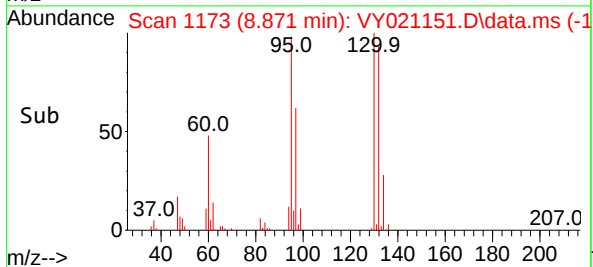
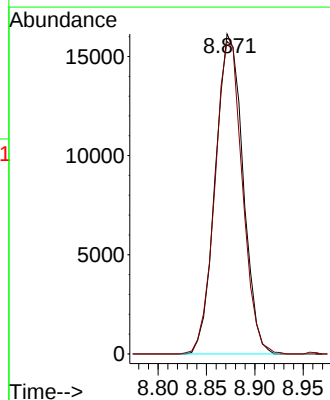
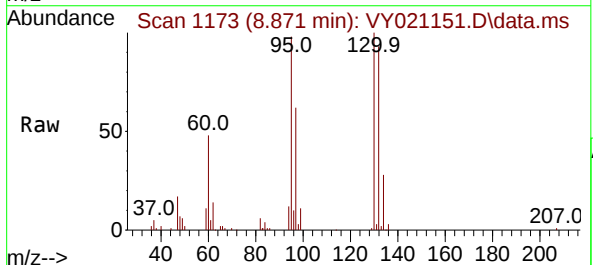
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 37221
Ion Ratio Lower Upper
43 100
61 19.1 24.8 37.2#
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 19.093 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:130 Resp: 32022
Ion Ratio Lower Upper
130 100
95 97.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.282 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

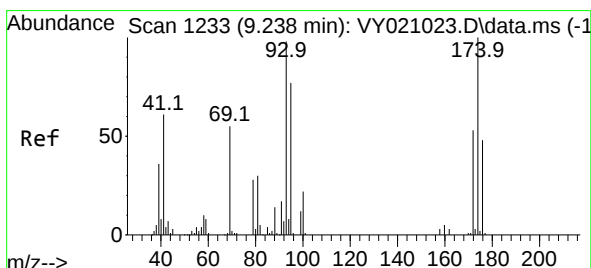
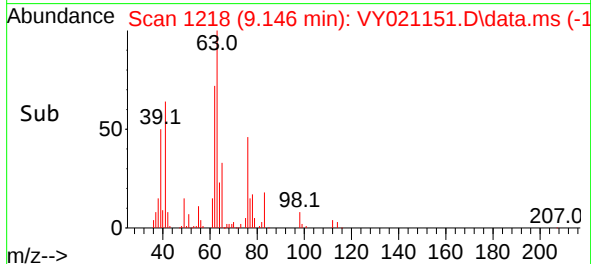
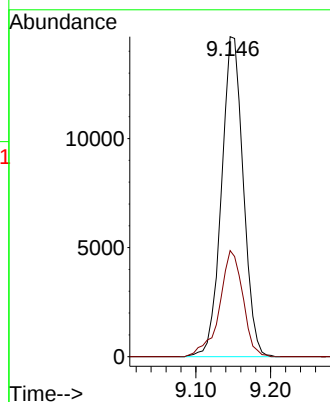
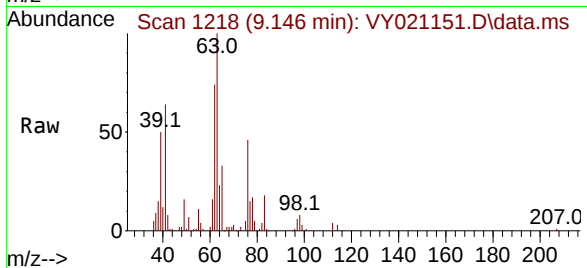
ClientSampleId :

Tgt Ion: 63 Resp: 29710

Ion Ratio Lower Upper

63 100

65 33.1 24.6 36.8



#46

Dibromomethane

Concen: 18.444 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

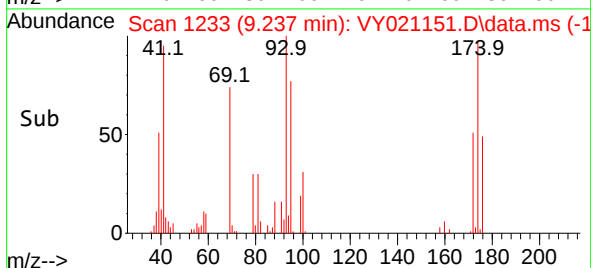
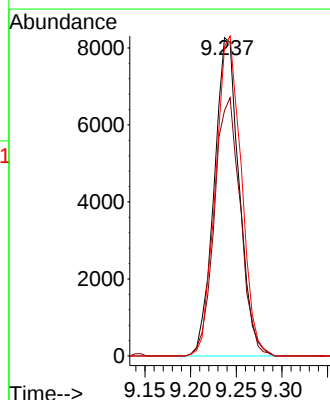
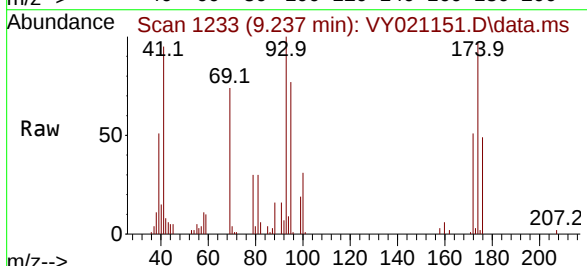
Tgt Ion: 93 Resp: 15735

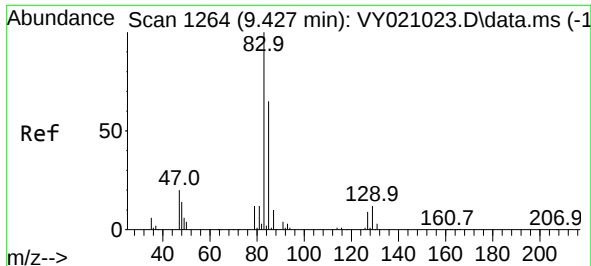
Ion Ratio Lower Upper

93 100

95 84.4 66.6 99.8

174 103.2 73.8 110.6

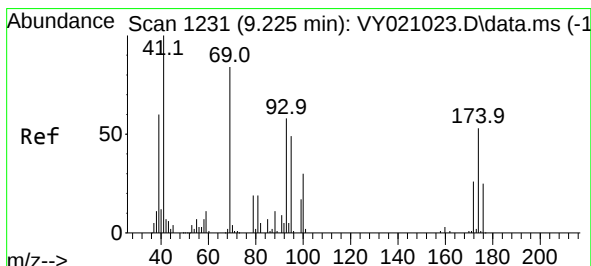
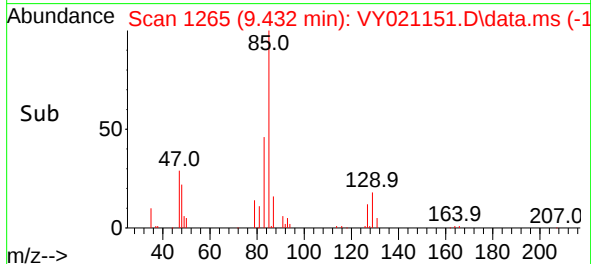
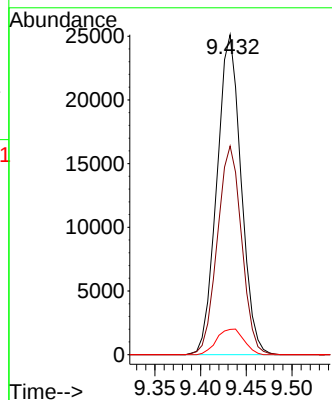
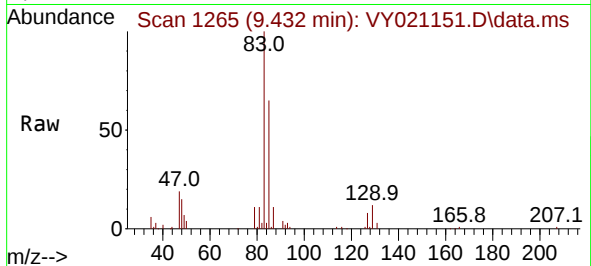




#47
Bromodichloromethane
Concen: 20.227 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

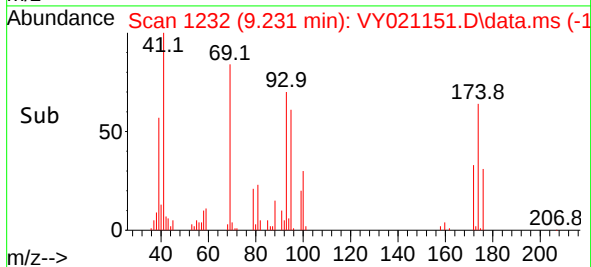
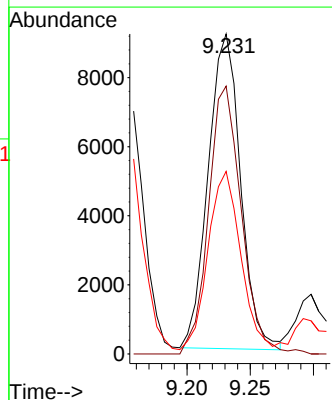
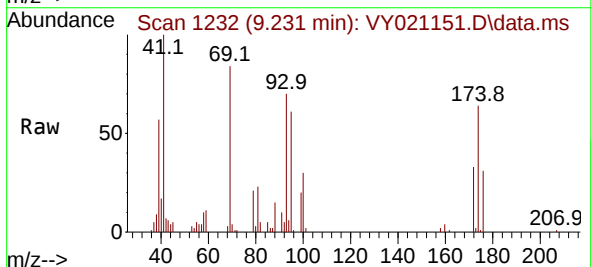
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 46280
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 18.508 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 41 Resp: 16256
Ion Ratio Lower Upper
41 100
69 86.1 72.1 108.1
39 59.8 42.8 64.2





#49

1,4-Dioxane

Concen: 404.441 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

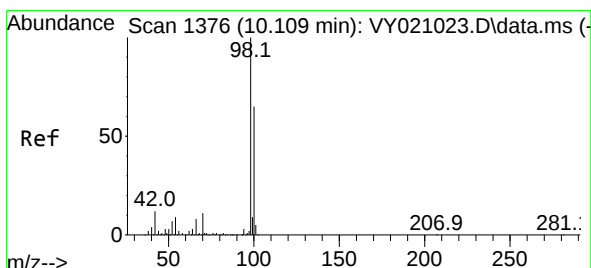
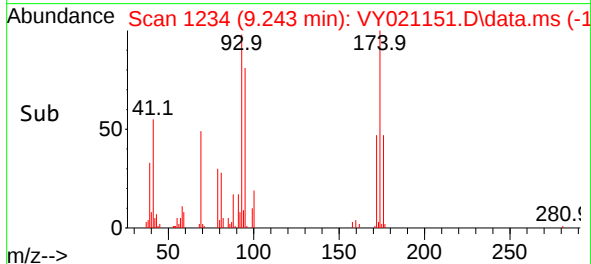
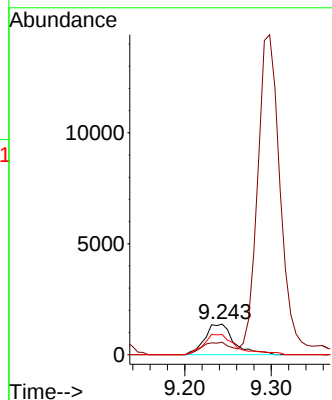
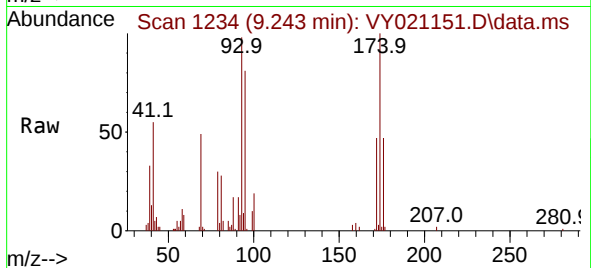
Tgt Ion: 88 Resp: 3212

Ion Ratio Lower Upper

88 100

43 41.1 28.2 42.4

58 74.2 52.2 78.2



#50

Toluene-d8

Concen: 48.999 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021151.D

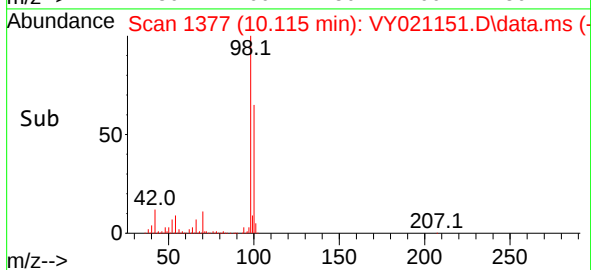
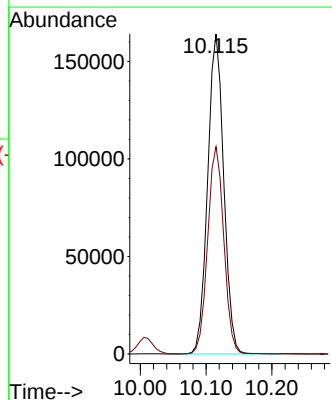
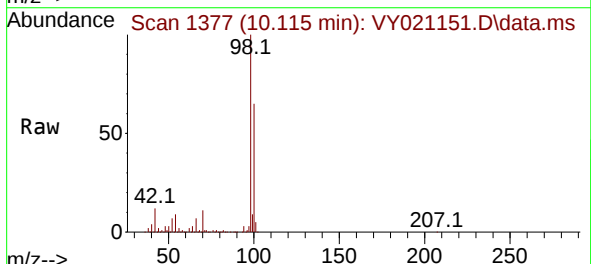
Acq: 10 Feb 2025 11:52

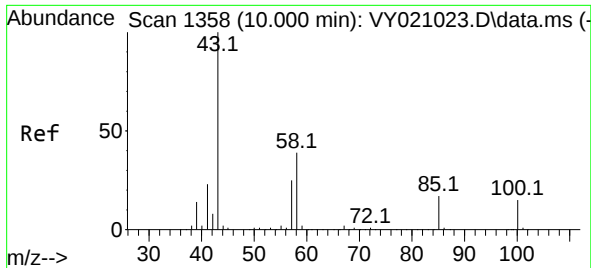
Tgt Ion: 98 Resp: 278597

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

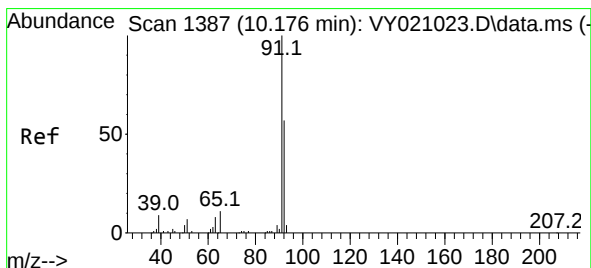
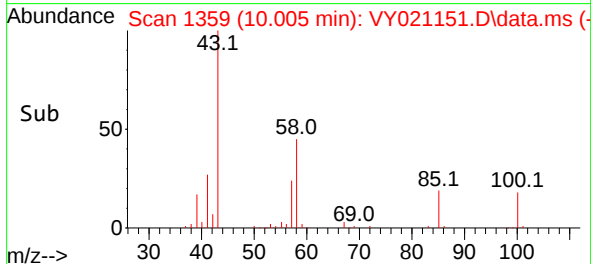
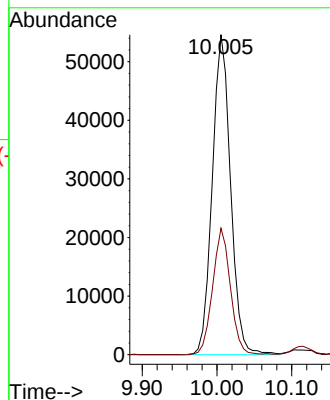
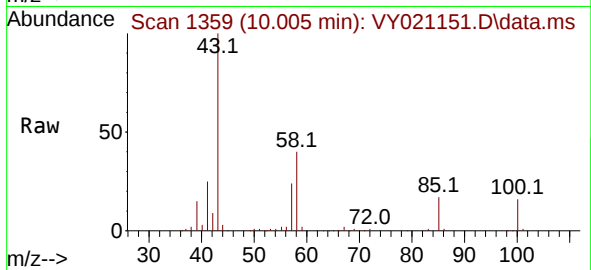




#51
4-Methyl-2-Pentanone
Concen: 96.142 ug/l
RT: 10.005 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

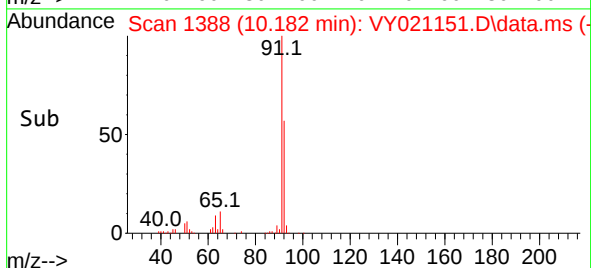
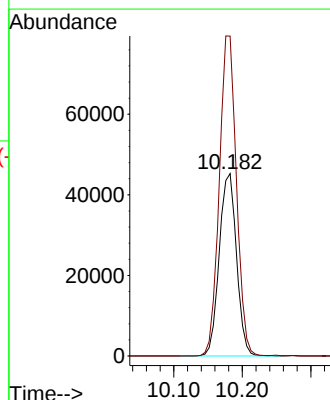
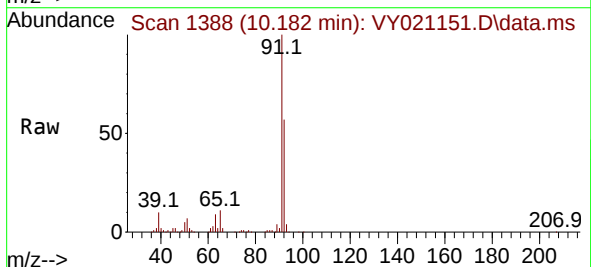
Instrument :
MSVOA_Y
ClientSampleId :

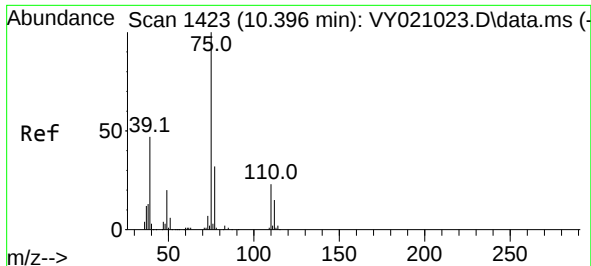
Tgt Ion: 43 Resp: 93225
Ion Ratio Lower Upper
43 100
58 38.3 32.2 48.2



#52
Toluene
Concen: 19.368 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 92 Resp: 78945
Ion Ratio Lower Upper
92 100
91 174.4 137.6 206.4

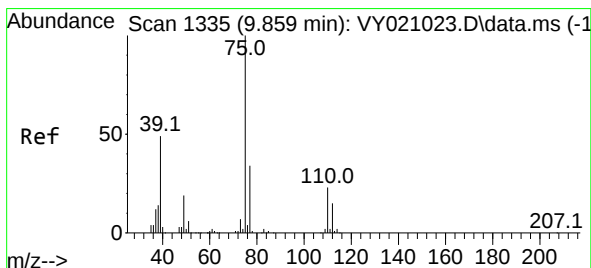
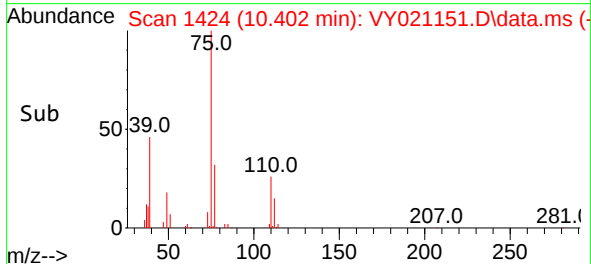
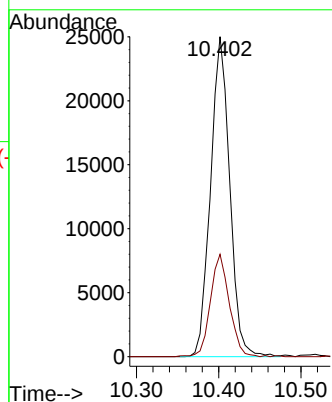
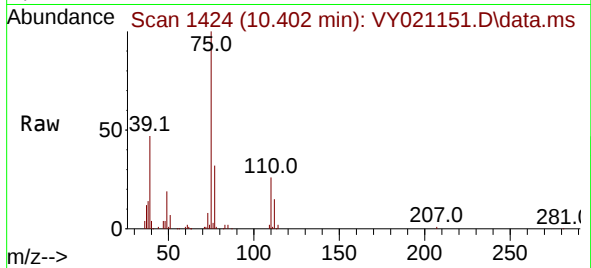




#53
t-1,3-Dichloropropene
Concen: 19.766 ug/l
RT: 10.402 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

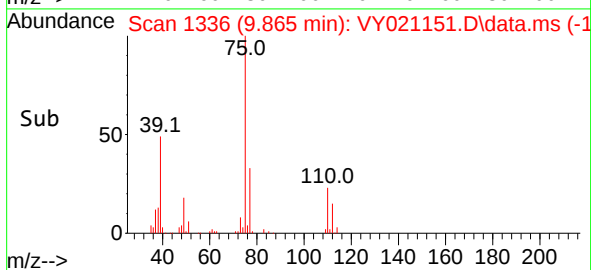
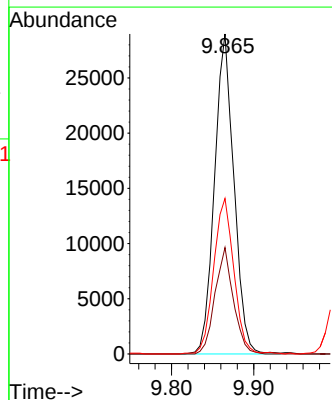
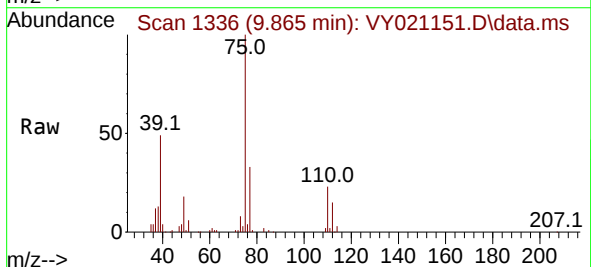
Instrument :
MSVOA_Y
ClientSampleId :

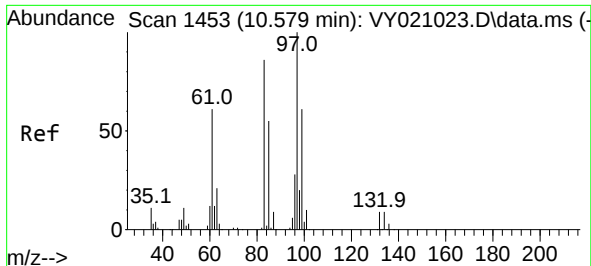
Tgt Ion: 75 Resp: 40608
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.554 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 75 Resp: 47566
Ion Ratio Lower Upper
75 100
77 33.2 24.6 36.8
39 48.6 33.6 50.4

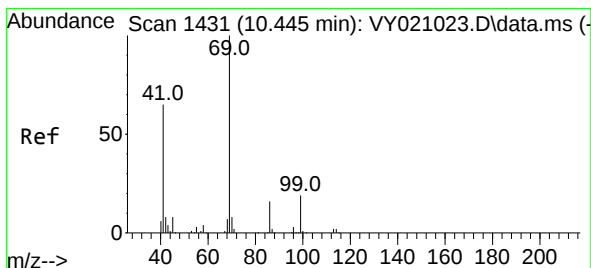
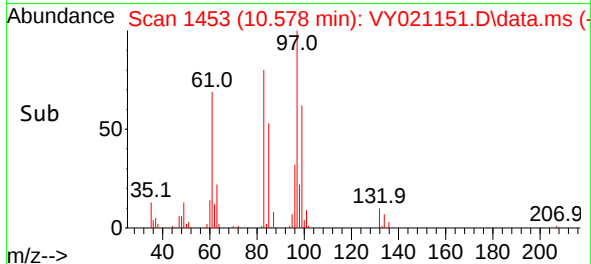
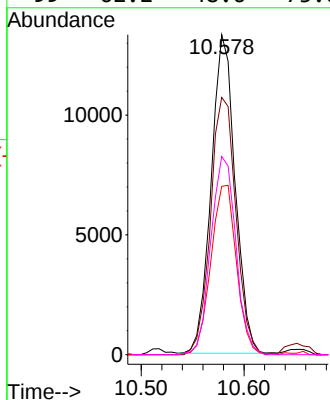
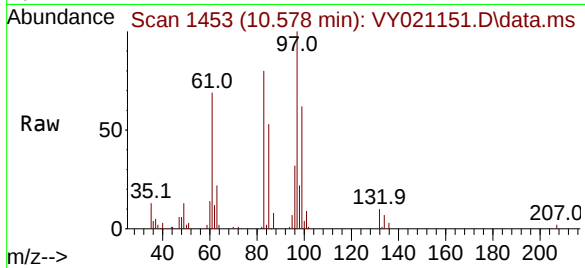




#55
1,1,2-Trichloroethane
Concen: 19.460 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

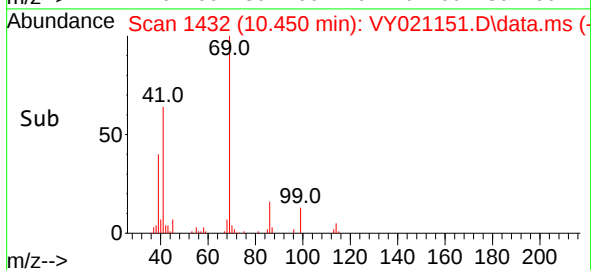
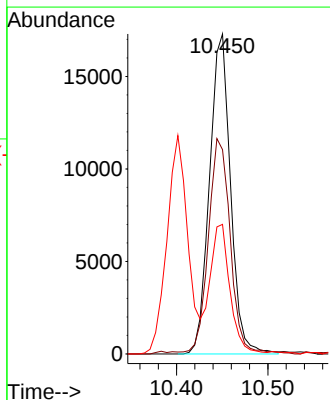
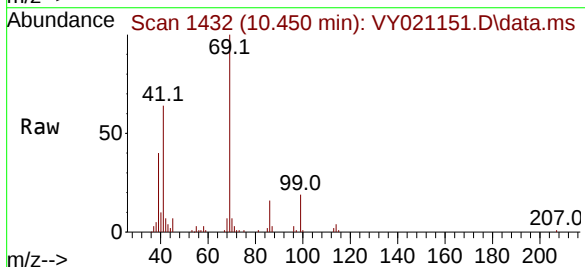
Instrument :
MSVOA_Y
ClientSampleId :

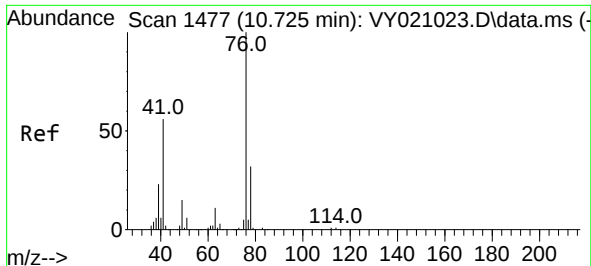
Tgt Ion: 97	Resp: 21498
Ion Ratio	Lower Upper
97 100	
83 80.7	69.4 104.2
85 52.9	43.9 65.9
99 62.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 18.665 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 69	Resp: 27584
Ion Ratio	Lower Upper
69 100	
41 70.4	49.2 73.8
39 37.9	26.8 40.2





#57

1,3-Dichloropropane

Concen: 20.121 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

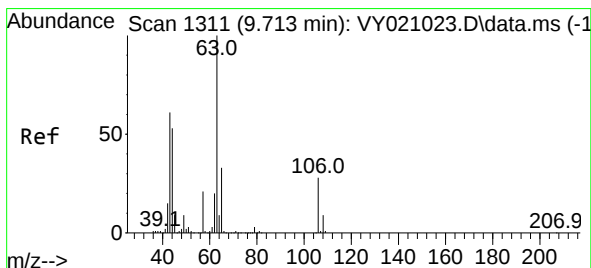
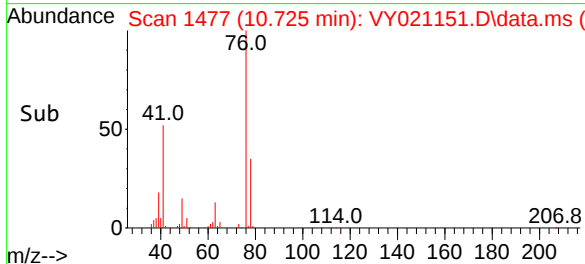
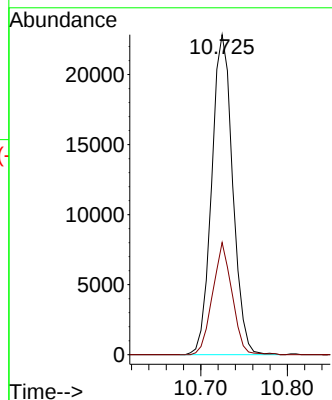
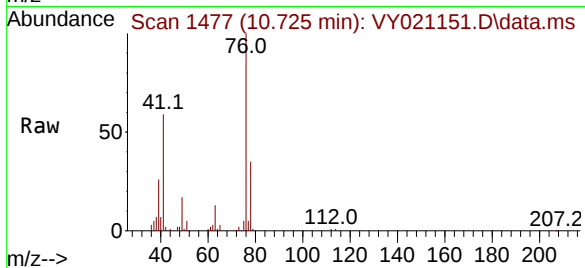
ClientSampleId :

Tgt Ion: 76 Resp: 38474

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.437 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021151.D

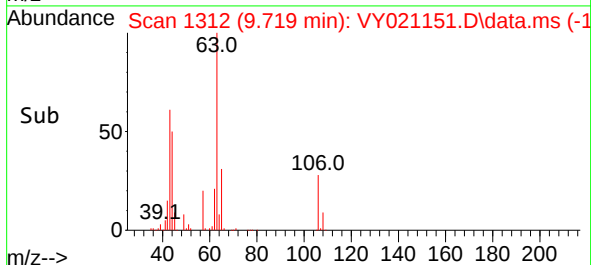
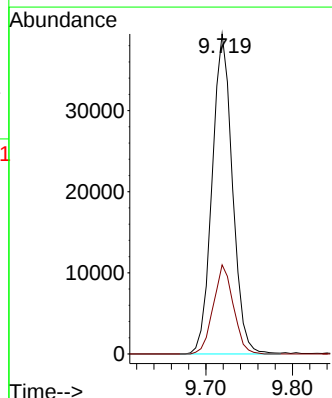
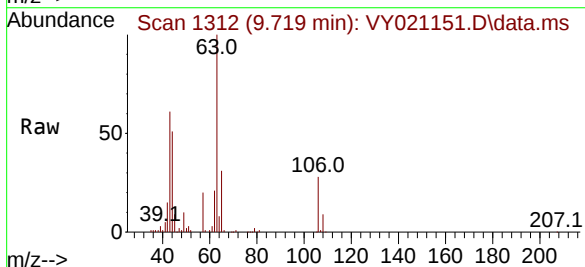
Acq: 10 Feb 2025 11:52

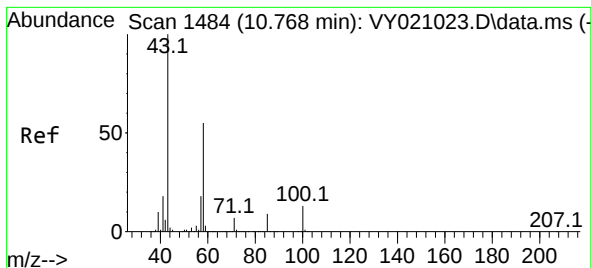
Tgt Ion: 63 Resp: 64289

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

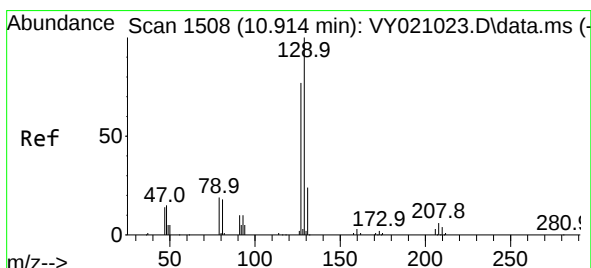
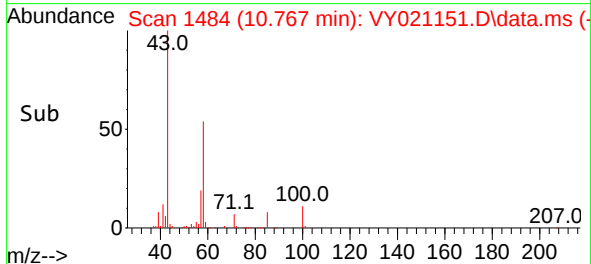
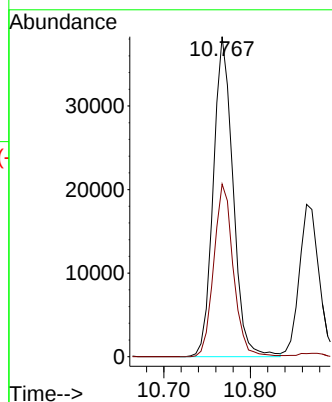
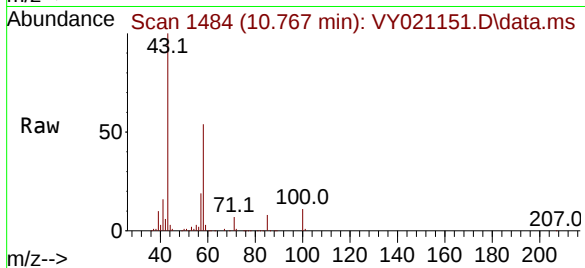




#59
2-Hexanone
Concen: 97.052 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

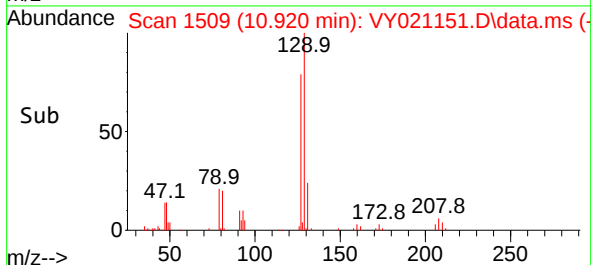
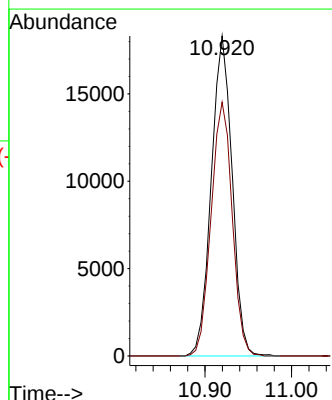
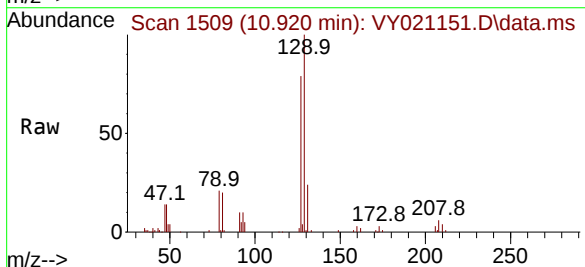
Instrument :
MSVOA_Y
ClientSampleId :

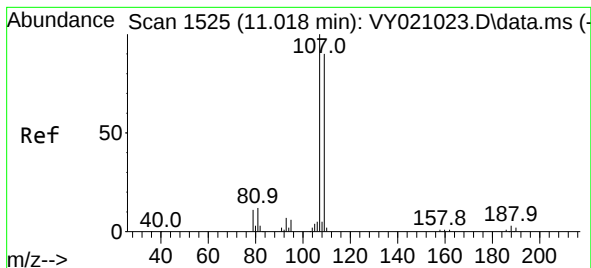
Tgt Ion: 43 Resp: 60592
Ion Ratio Lower Upper
43 100
58 53.5 28.1 84.3



#60
Dibromochloromethane
Concen: 19.723 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 129 Resp: 30598
Ion Ratio Lower Upper
129 100
127 80.2 39.2 117.6

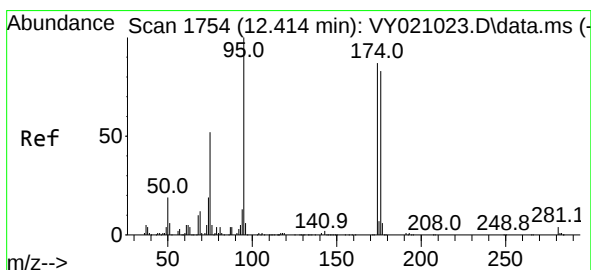
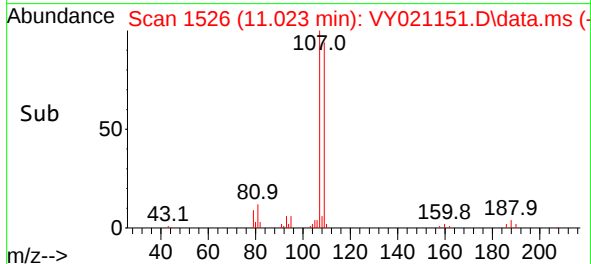
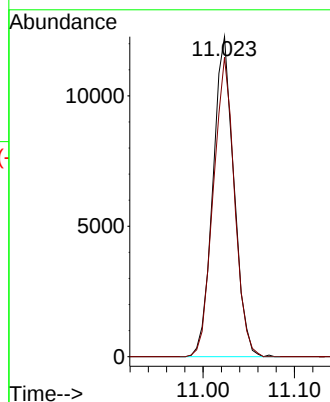
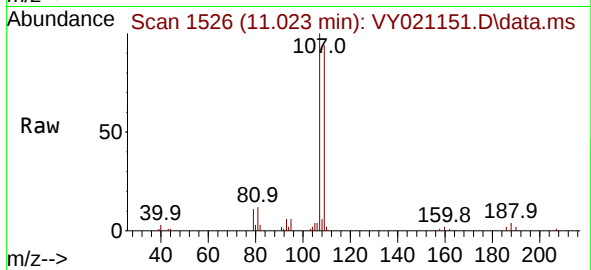




#61
1,2-Dibromoethane
Concen: 18.918 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

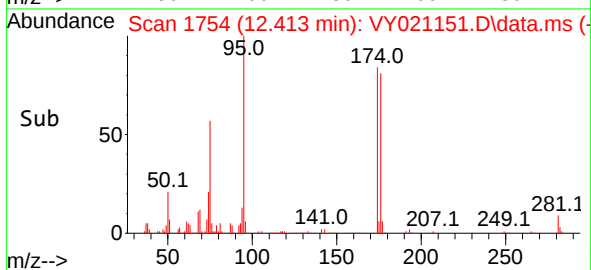
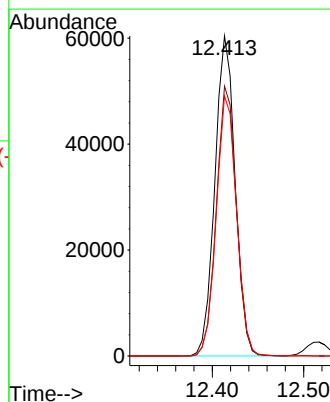
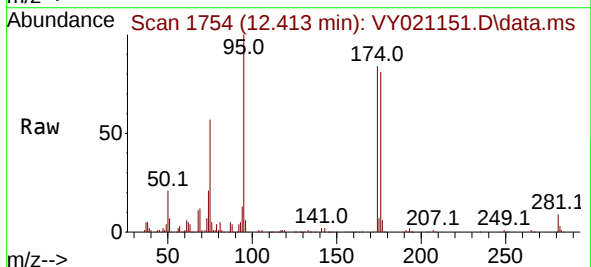
Instrument :
MSVOA_Y
ClientSampleId :

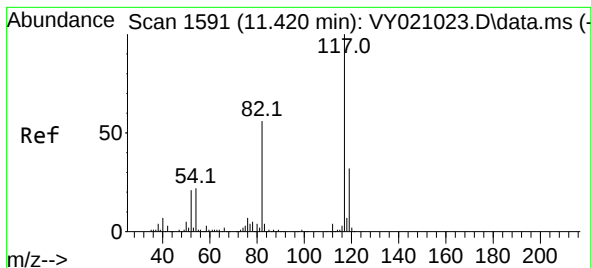
Tgt Ion:107 Resp: 19576
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.084 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 95 Resp: 93032
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 81.2 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: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

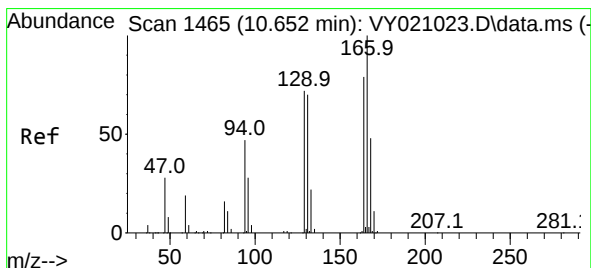
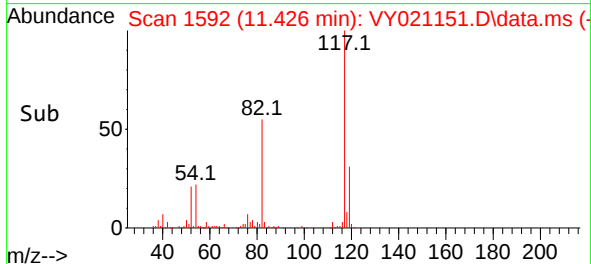
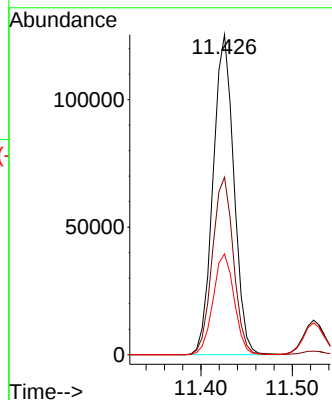
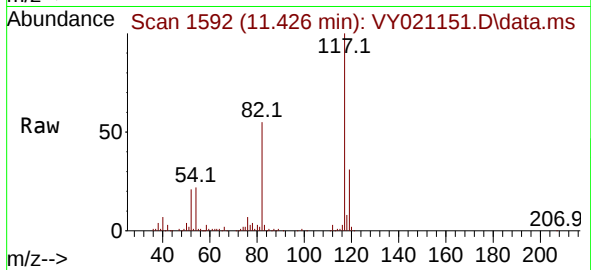
Tgt Ion:117 Resp: 198031

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 31.5 26.5 39.7



#64

Tetrachloroethene

Concen: 18.798 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Tgt Ion:164 Resp: 27635

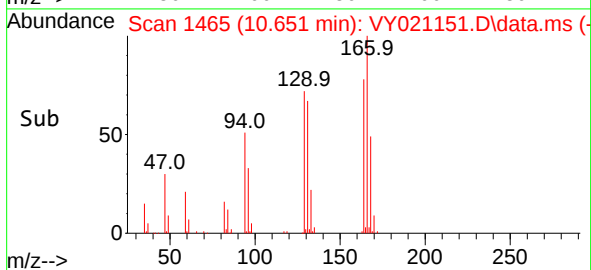
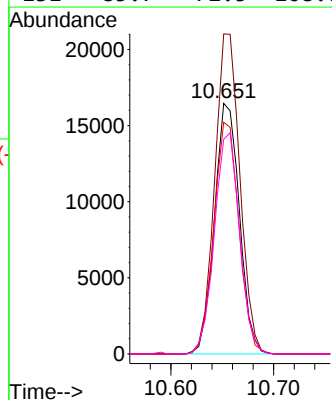
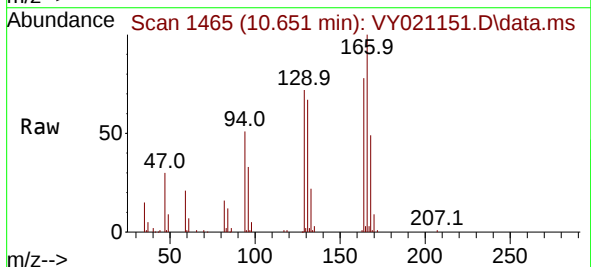
Ion Ratio Lower Upper

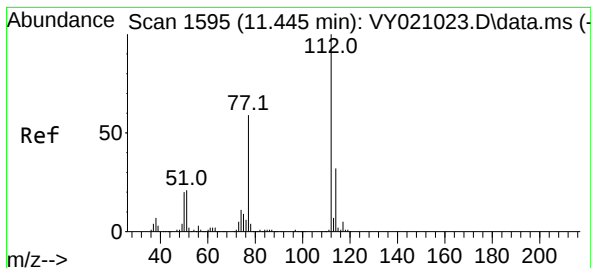
164 100

166 127.7 98.8 148.2

129 92.5 78.9 118.3

131 85.7 72.5 108.7





#65

Chlorobenzene

Concen: 19.936 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

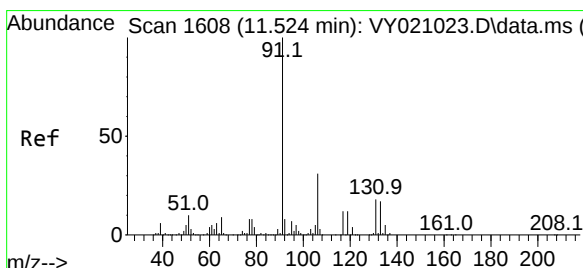
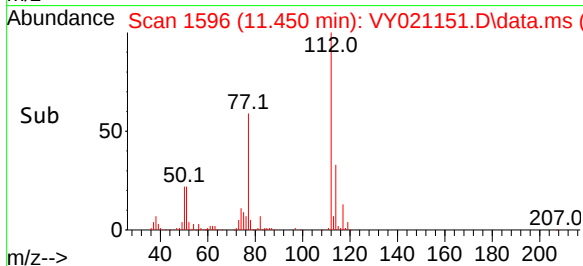
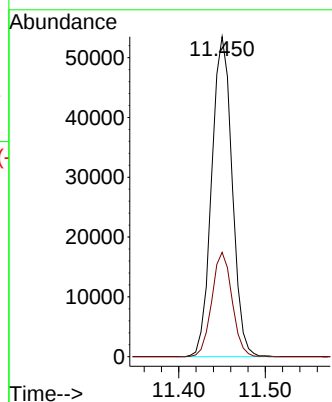
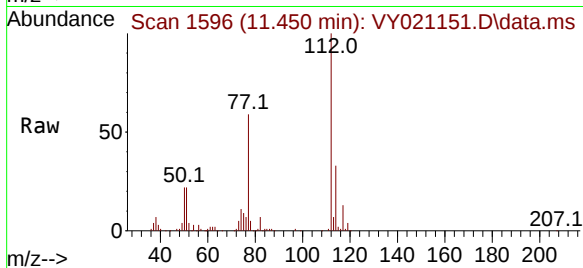
ClientSampleId :

Tgt Ion:112 Resp: 87909

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

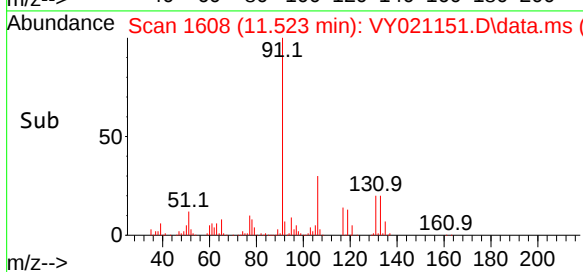
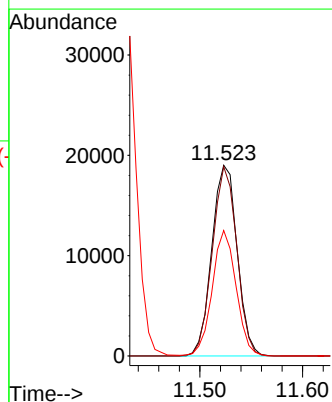
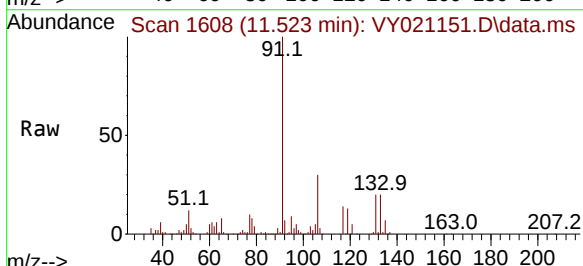
Tgt Ion:131 Resp: 32568

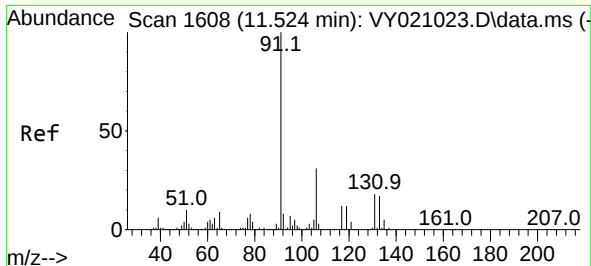
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.0

119 61.9 33.3 99.9





#67

Ethyl Benzene

Concen: 19.862 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

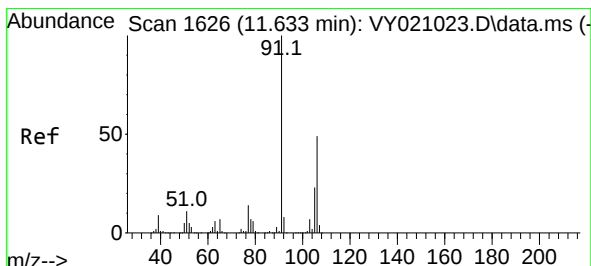
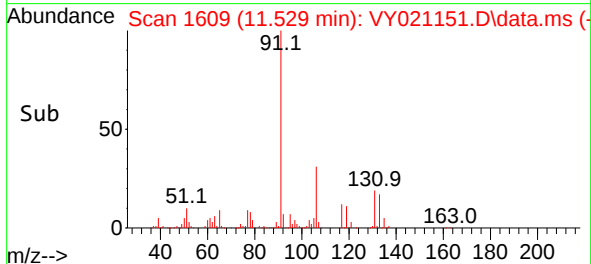
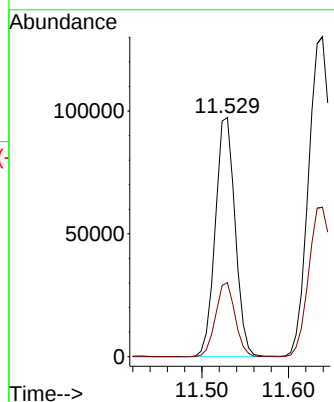
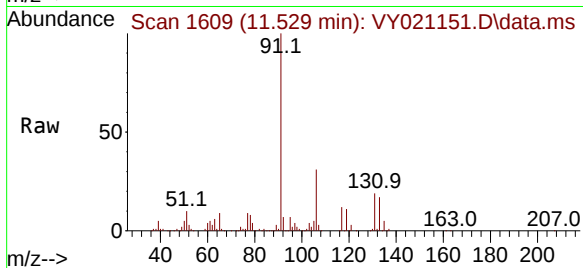
ClientSampleId :

Tgt Ion: 91 Resp: 154908

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.4



#68

m/p-Xylenes

Concen: 39.610 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021151.D

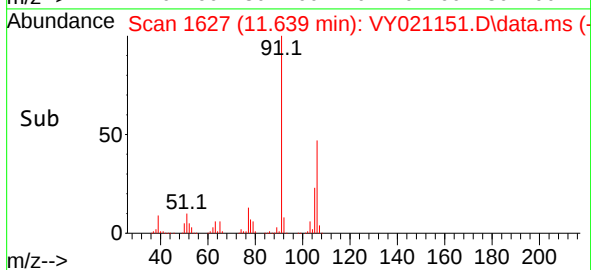
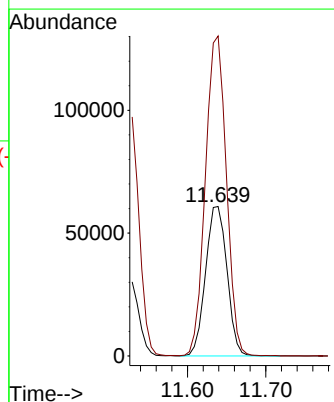
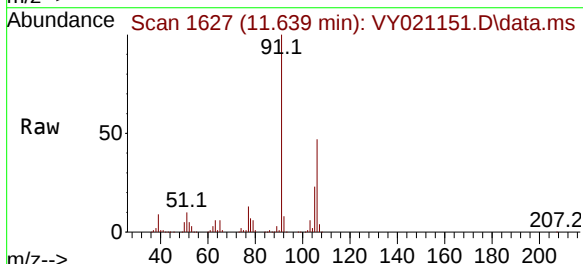
Acq: 10 Feb 2025 11:52

Tgt Ion:106 Resp: 115570

Ion Ratio Lower Upper

106 100

91 209.8 160.7 241.1

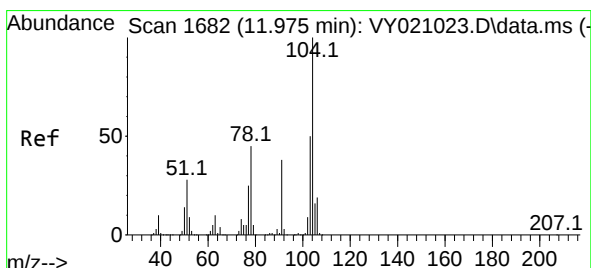
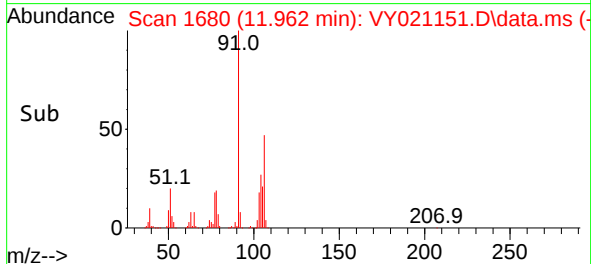
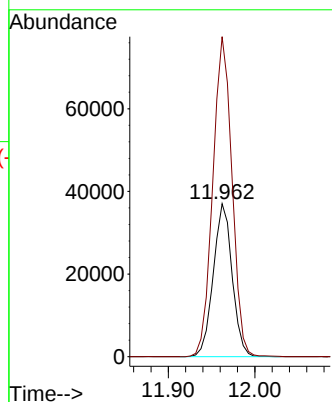
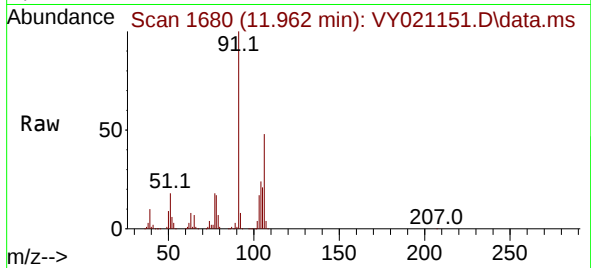




#69
o-Xylene
Concen: 20.587 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

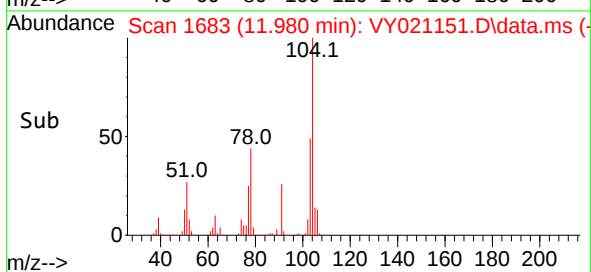
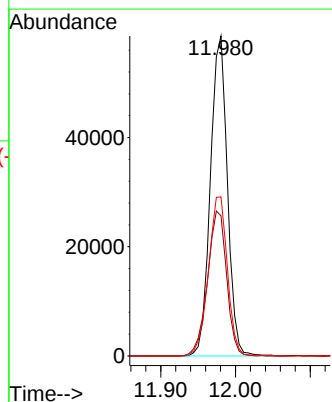
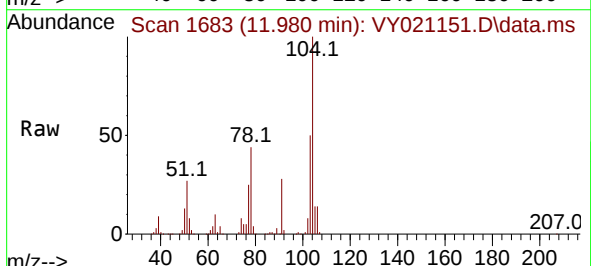
Instrument :
MSVOA_Y
ClientSampleId :

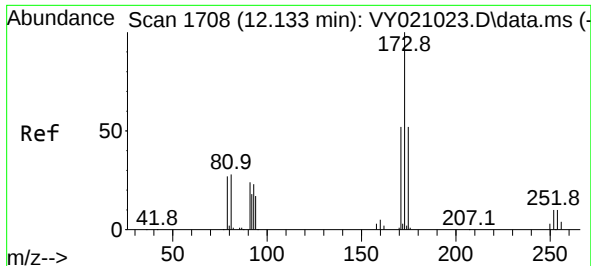
Tgt Ion:106 Resp: 56002
Ion Ratio Lower Upper
106 100
91 213.0 106.5 319.5



#70
Styrene
Concen: 20.419 ug/l
RT: 11.980 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:104 Resp: 92576
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 55.5 43.8 65.6

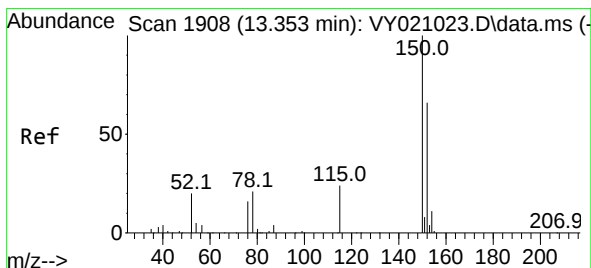
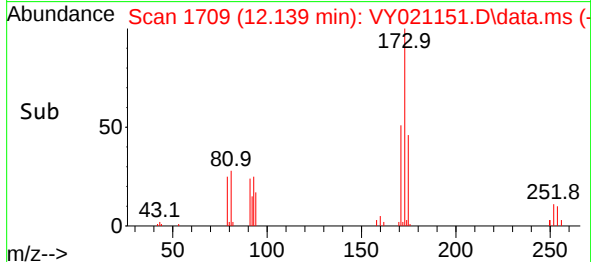
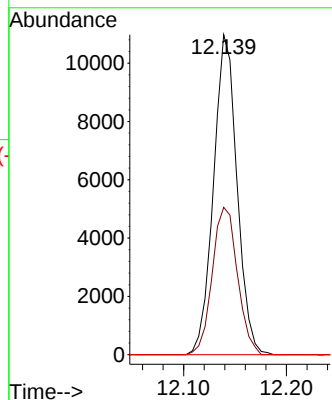
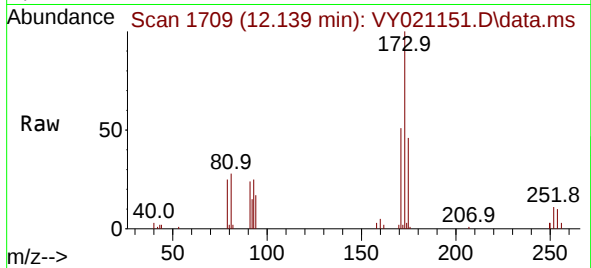




#71
Bromoform
Concen: 19.991 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

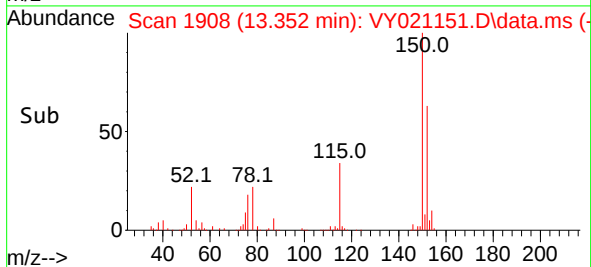
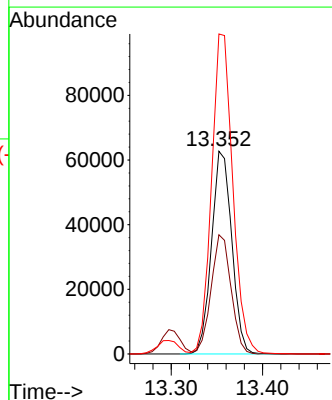
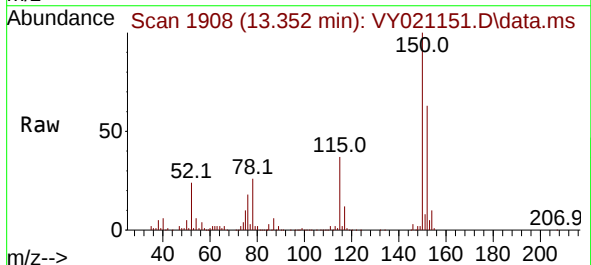
Instrument :
MSVOA_Y
ClientSampleId :

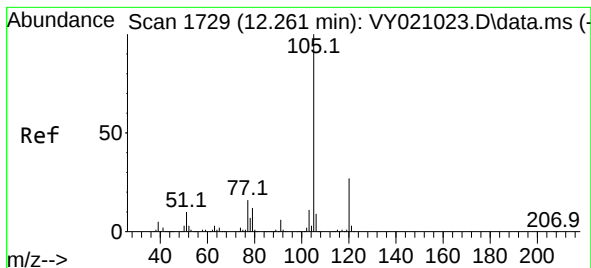
Tgt Ion:173 Resp: 17437
Ion Ratio Lower Upper
173 100
175 49.3 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:152 Resp: 96447
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 165.3 0.0 344.6





#73

Isopropylbenzene

Concen: 20.230 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

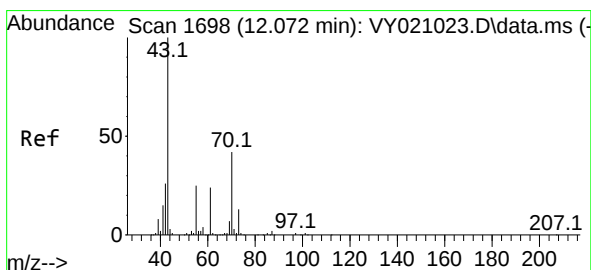
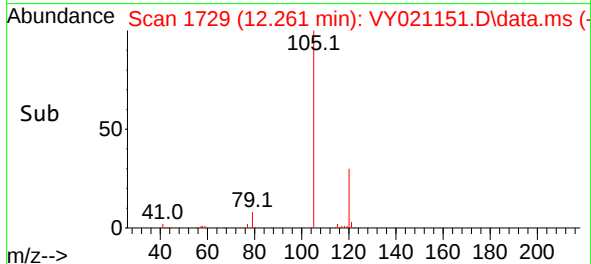
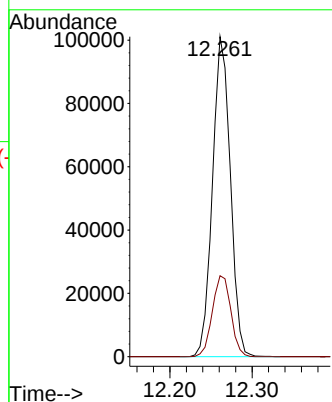
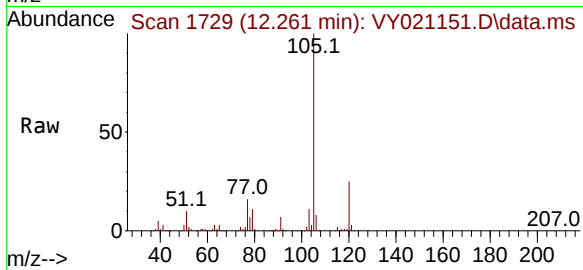
ClientSampleId :

Tgt Ion:105 Resp: 152412

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 18.979 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Tgt Ion: 43 Resp: 31260

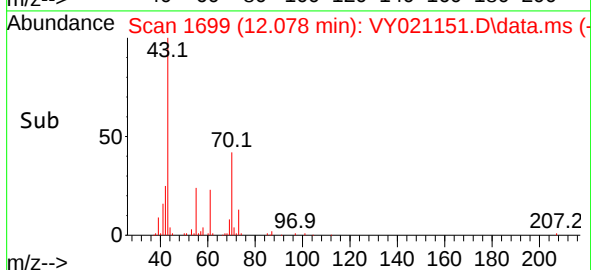
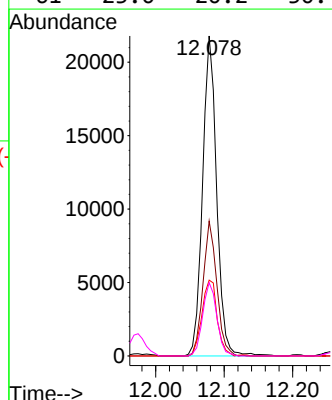
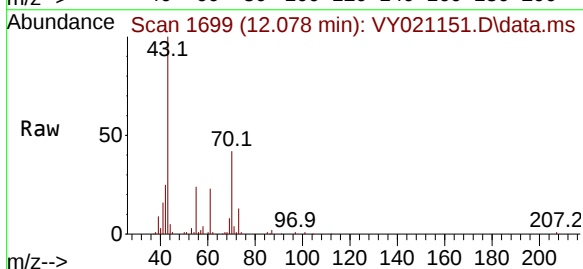
Ion Ratio Lower Upper

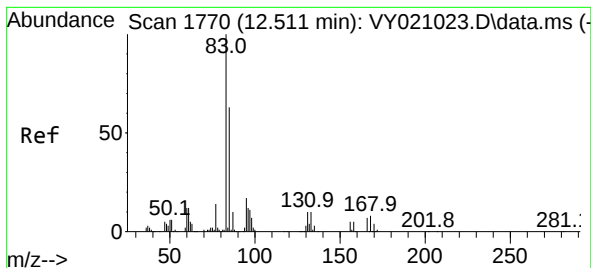
43 100

70 41.2 36.6 55.0

55 25.6 22.2 33.4

61 23.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.106 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

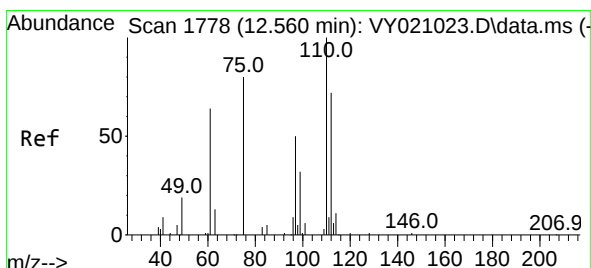
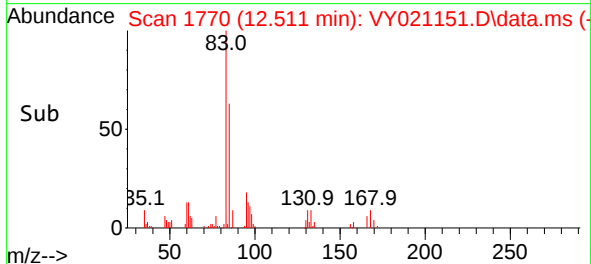
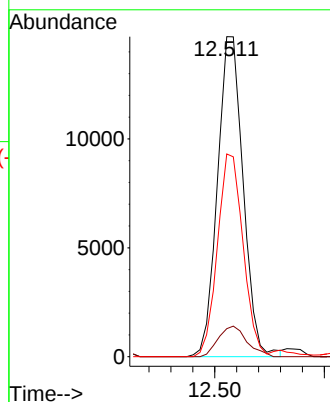
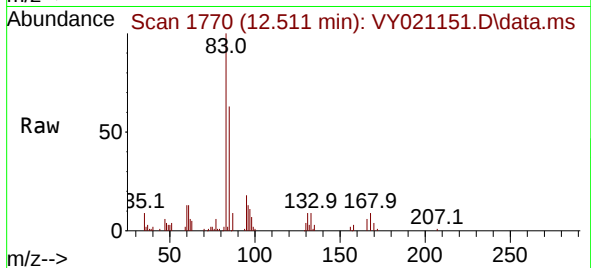
Tgt Ion: 83 Resp: 23939

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.6

85 63.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.457 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021151.D

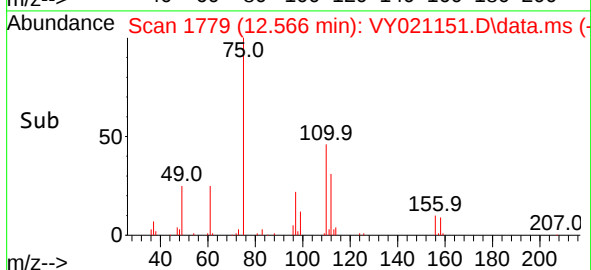
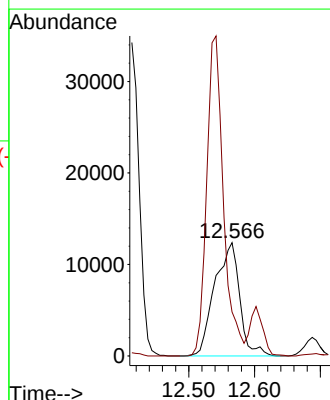
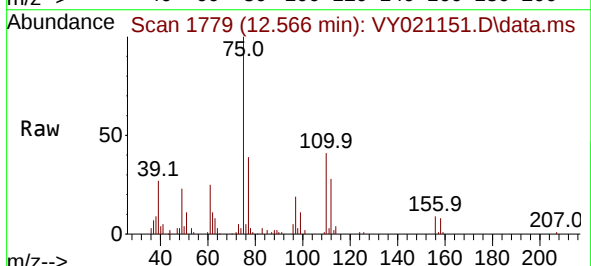
Acq: 10 Feb 2025 11:52

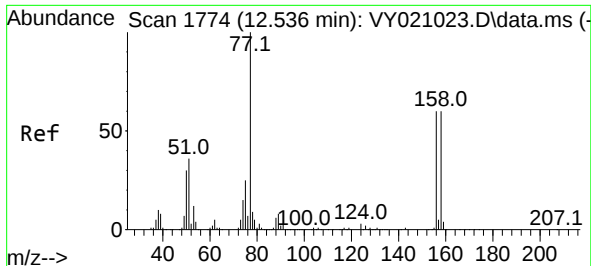
Tgt Ion: 75 Resp: 32771

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

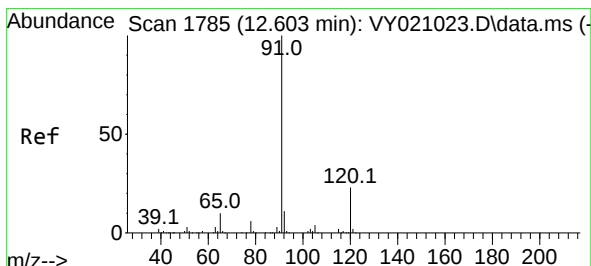
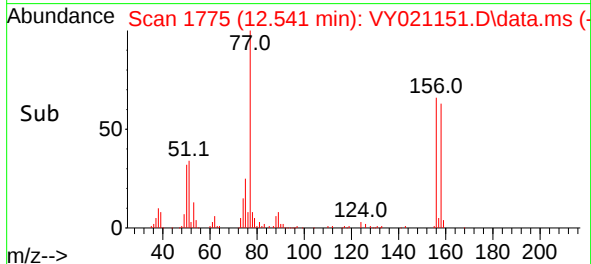
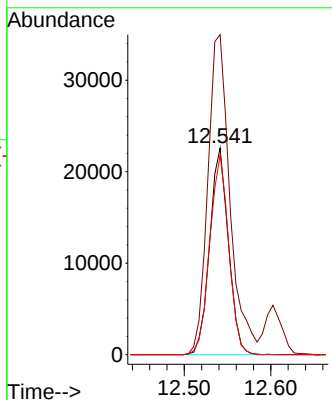
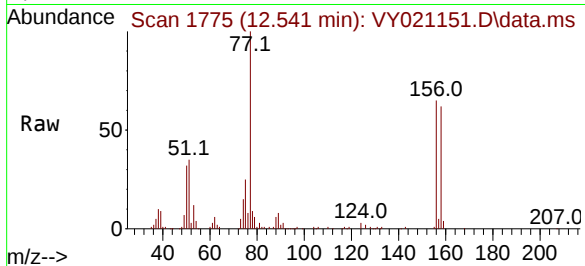




#77
Bromobenzene
Concen: 19.533 ug/l
RT: 12.541 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

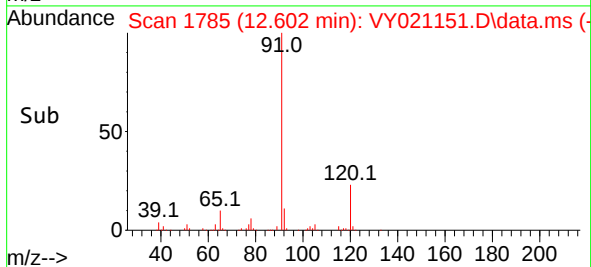
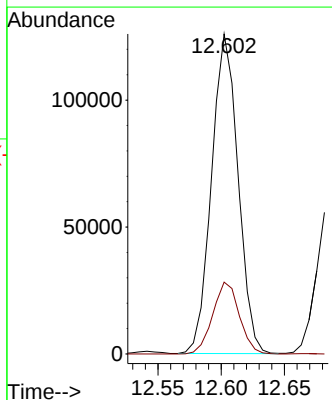
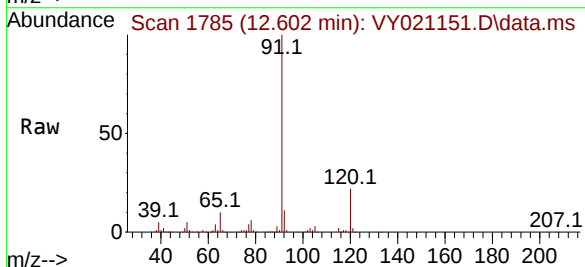
Instrument :
MSVOA_Y
ClientSampleId :

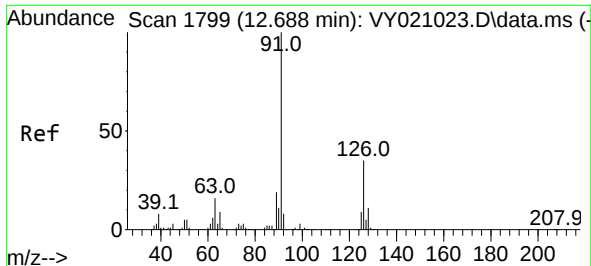
Tgt Ion:156 Resp: 33960
Ion Ratio Lower Upper
156 100
77 182.9 97.3 291.8
158 97.9 48.4 145.0



#78
n-propylbenzene
Concen: 20.446 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 91 Resp: 183492
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0

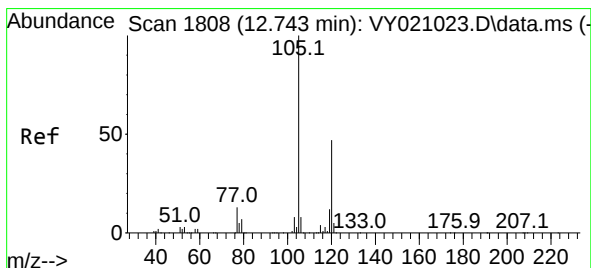
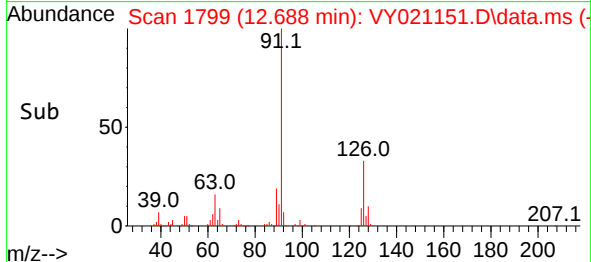
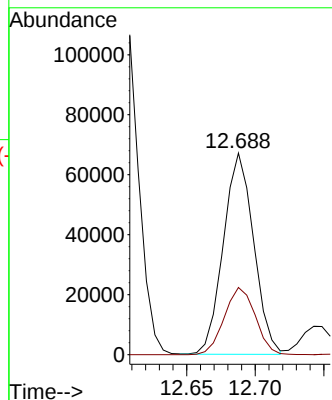
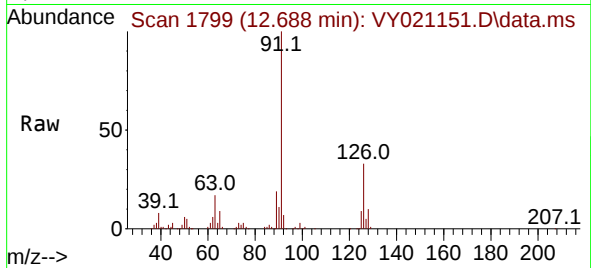




#79
2-Chlorotoluene
Concen: 20.109 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

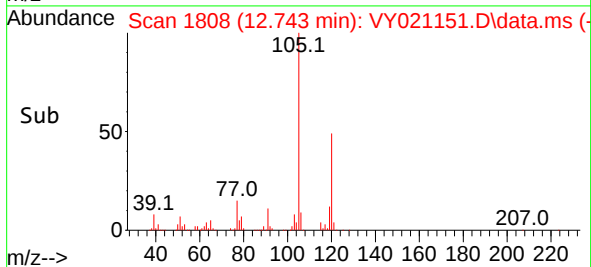
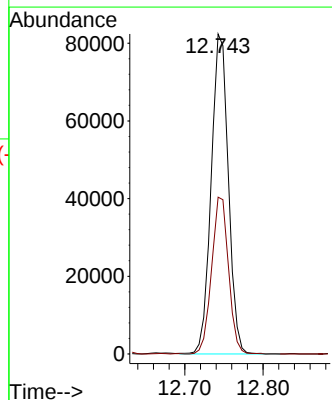
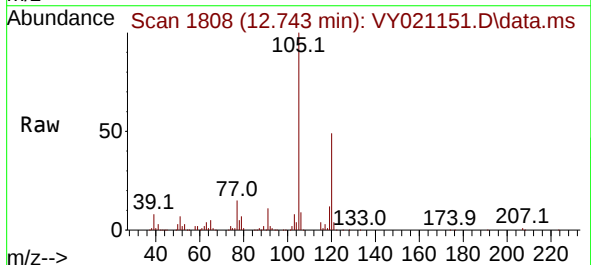
Instrument :
MSVOA_Y
ClientSampleId :

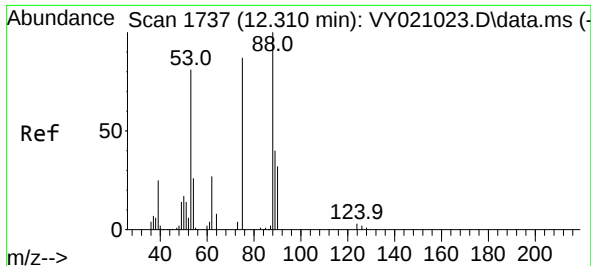
Tgt Ion: 91 Resp: 103363
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.501 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 105 Resp: 125227
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

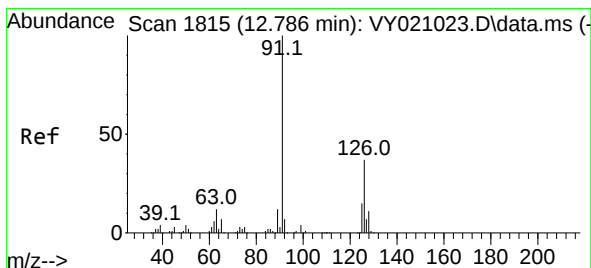
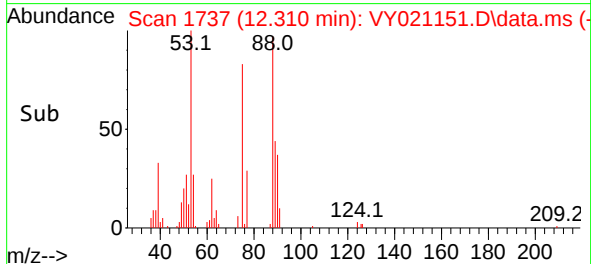
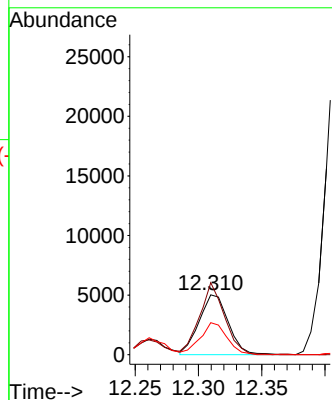
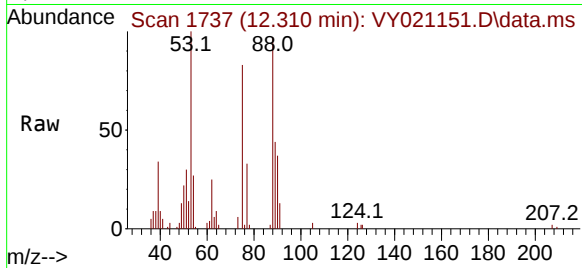




#81
trans-1,4-Dichloro-2-butene
Concen: 18.849 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

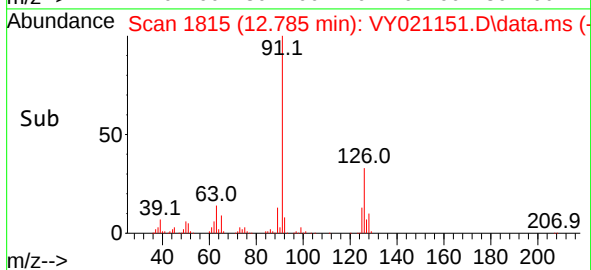
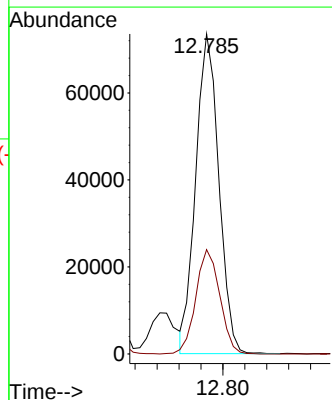
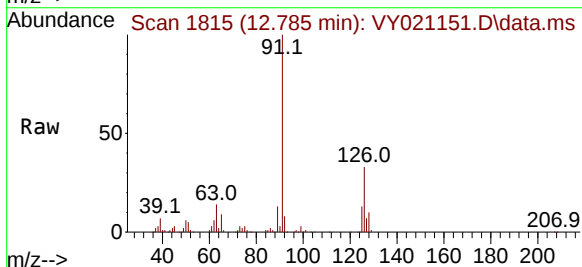
Instrument :
MSVOA_Y
ClientSampleId :

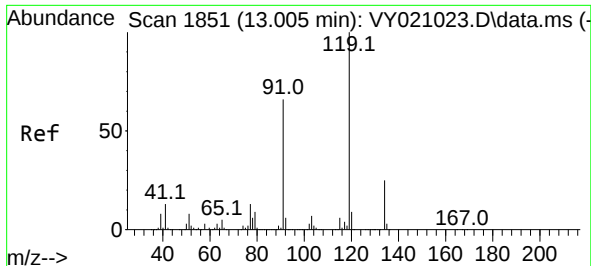
Tgt Ion: 75 Resp: 8082
Ion Ratio Lower Upper
75 100
53 102.9 74.0 111.0
89 48.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.481 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion: 91 Resp: 107261
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

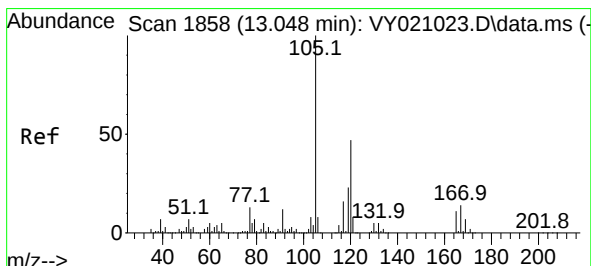
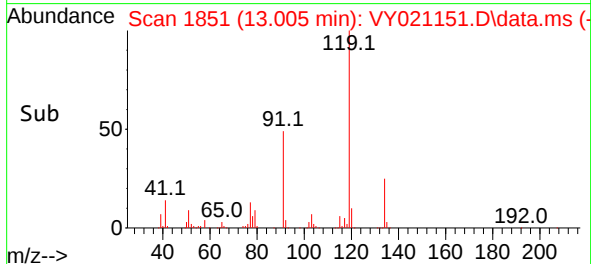
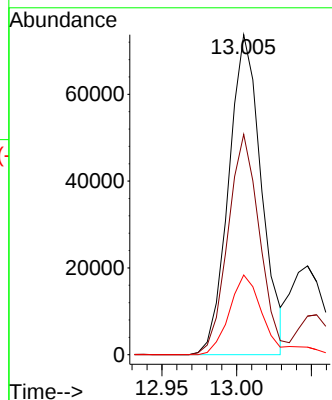
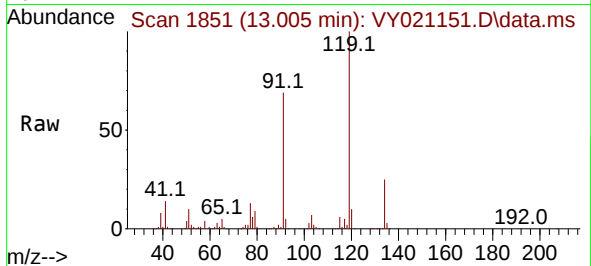




#83
tert-Butylbenzene
Concen: 20.263 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

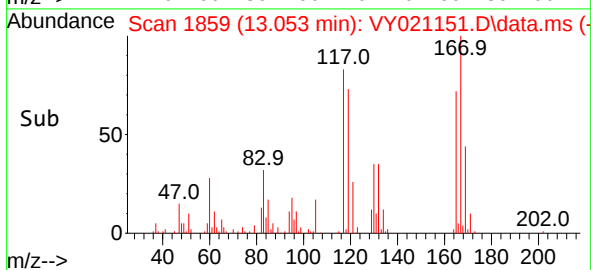
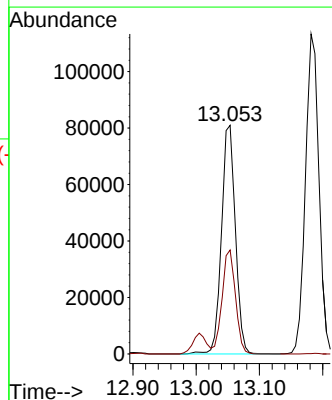
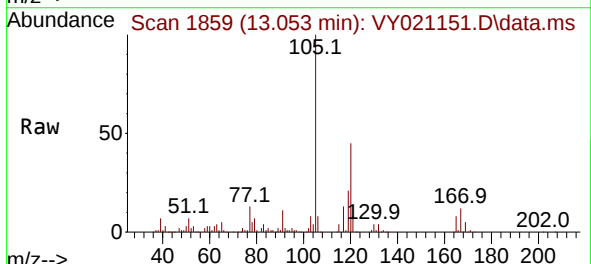
Instrument :
MSVOA_Y
ClientSampleId :

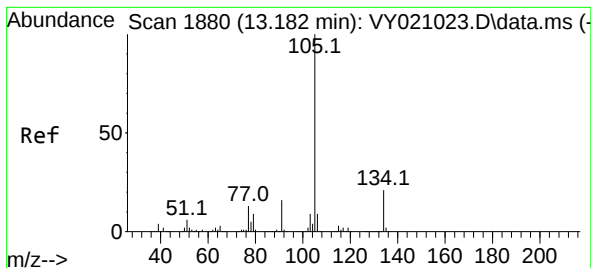
Tgt Ion:119 Resp: 112500
Ion Ratio Lower Upper
119 100
91 67.0 31.5 94.5
134 26.5 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 20.592 ug/l
RT: 13.053 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:105 Resp: 122982
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.863 ug/l

RT: 13.181 min Scan# 1880

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

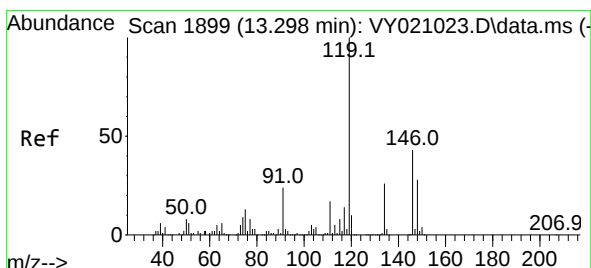
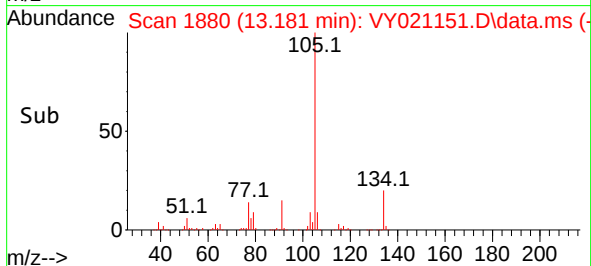
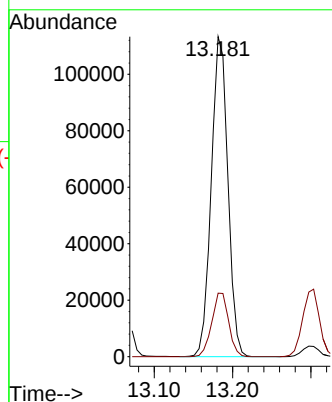
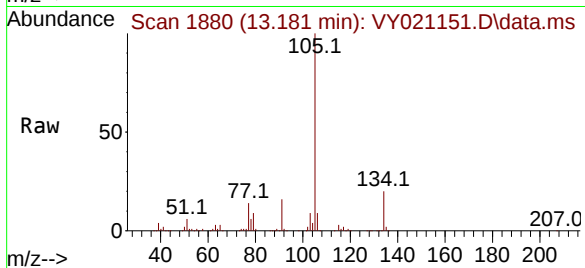
ClientSampleId :

Tgt Ion:105 Resp: 166740

Ion Ratio Lower Upper

105 100

134 20.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.869 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

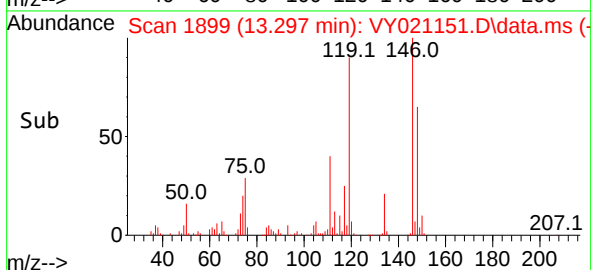
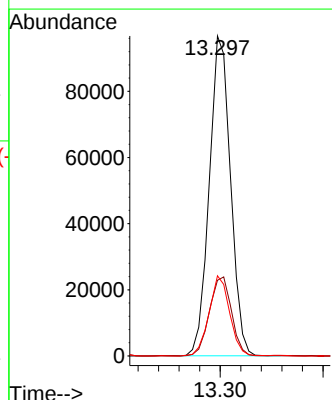
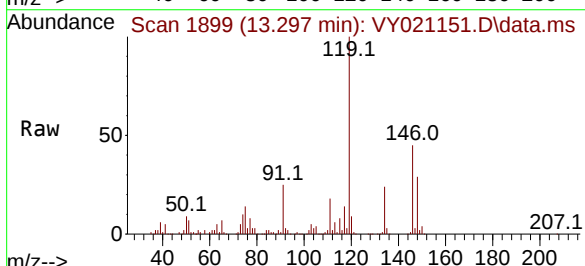
Tgt Ion:119 Resp: 138547

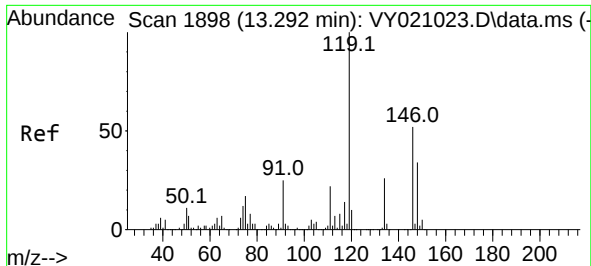
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 24.4 11.7 35.0

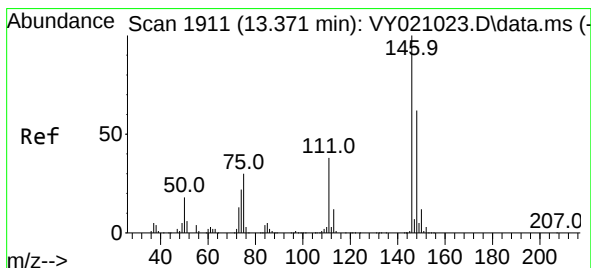
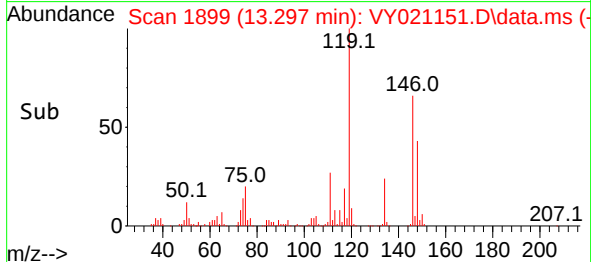
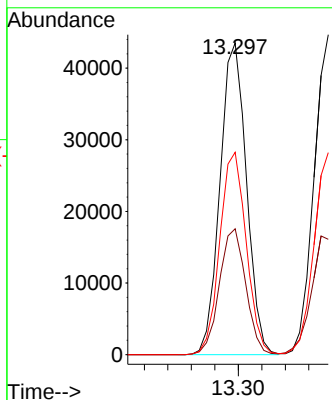
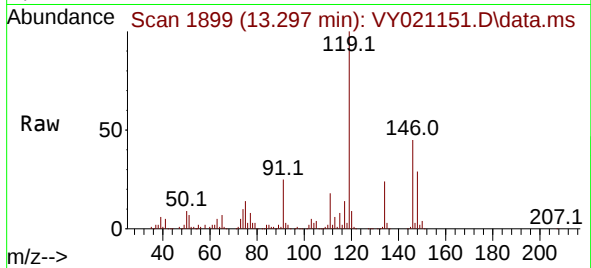




#87
1,3-Dichlorobenzene
Concen: 20.259 ug/l
RT: 13.297 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

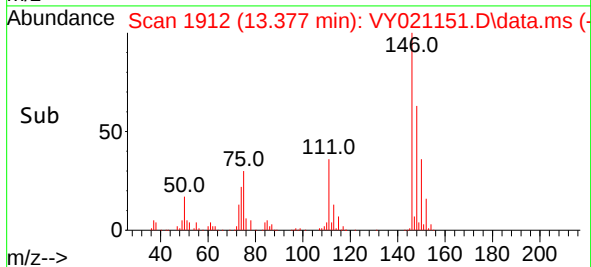
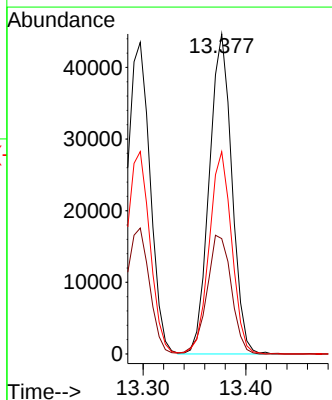
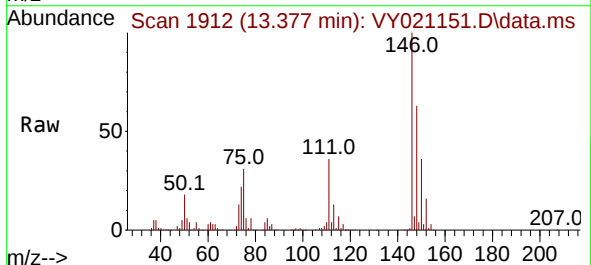
Instrument :
MSVOA_Y
ClientSampleId :

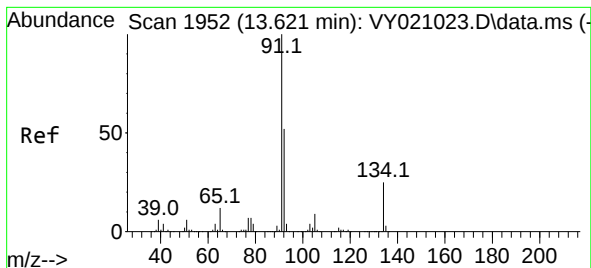
Tgt Ion:146 Resp: 68009
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.5
148 65.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.603 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion:146 Resp: 68099
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 20.777 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

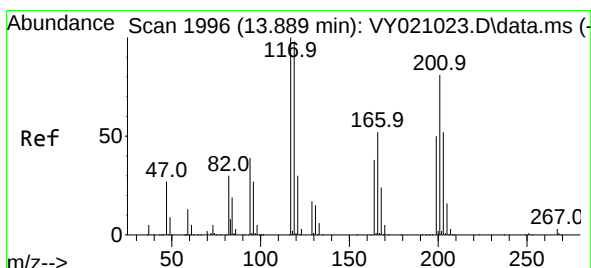
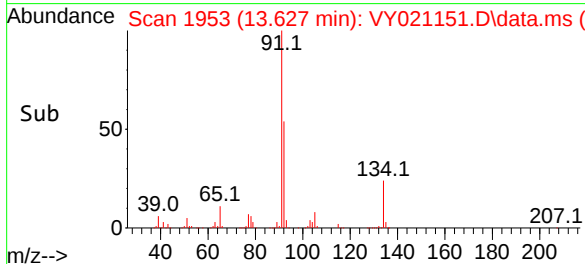
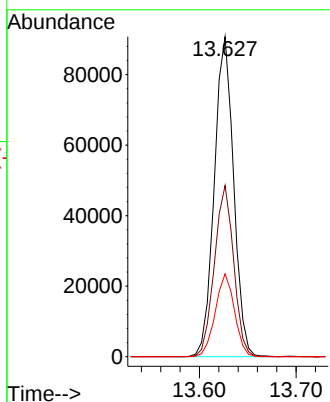
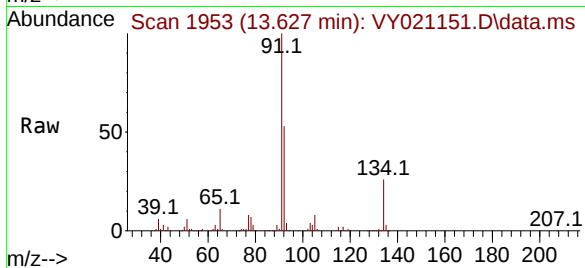
Tgt Ion: 91 Resp: 125836

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.7 12.3 36.8



#90

Hexachloroethane

Concen: 20.597 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.001 min

Lab File: VY021151.D

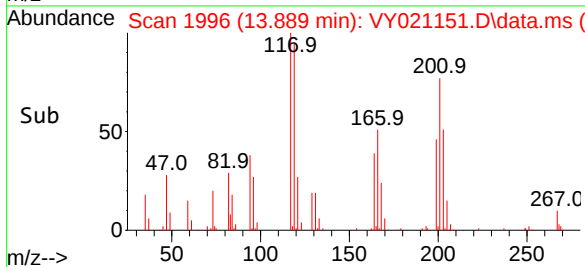
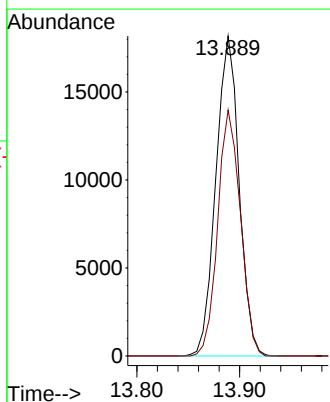
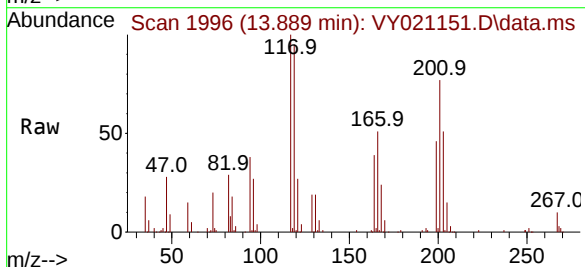
Acq: 10 Feb 2025 11:52

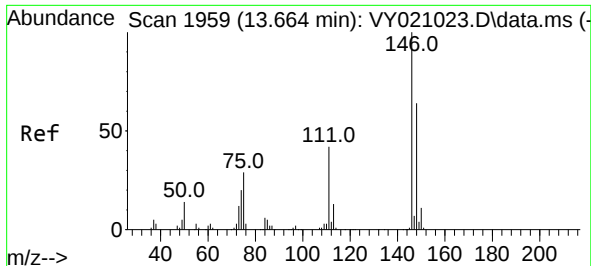
Tgt Ion: 117 Resp: 28527

Ion Ratio Lower Upper

117 100

201 75.0 33.4 100.1

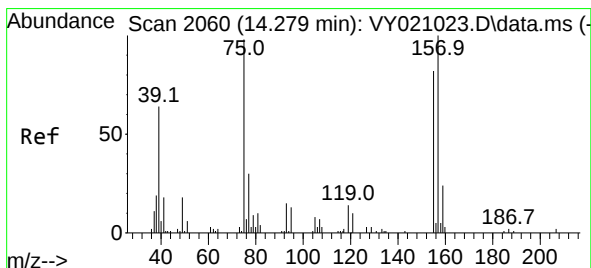
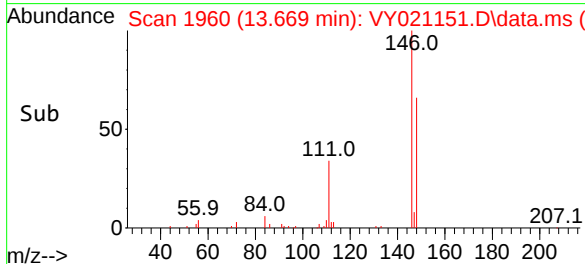
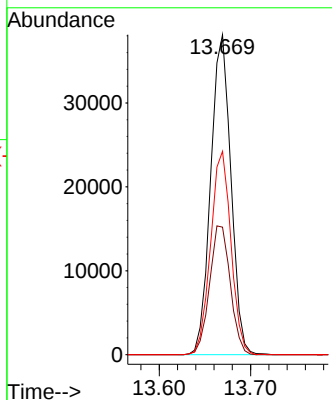
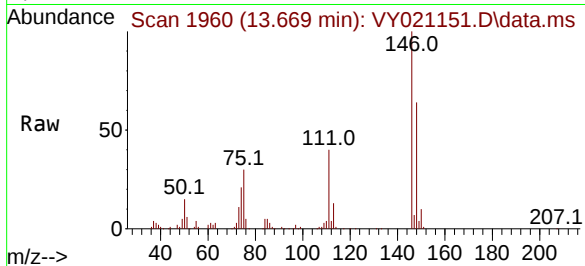




#91
1,2-Dichlorobenzene
Concen: 20.077 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

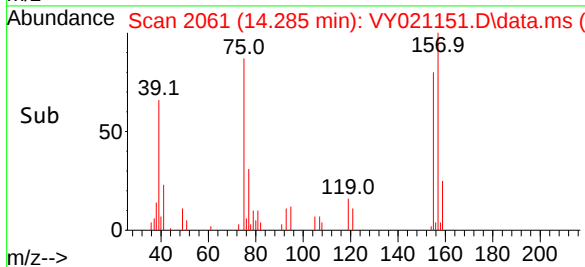
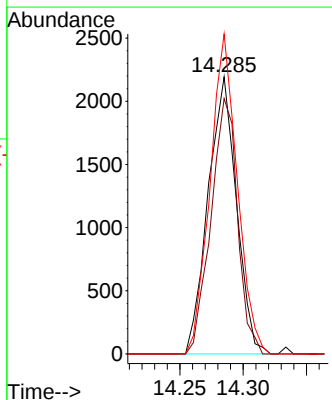
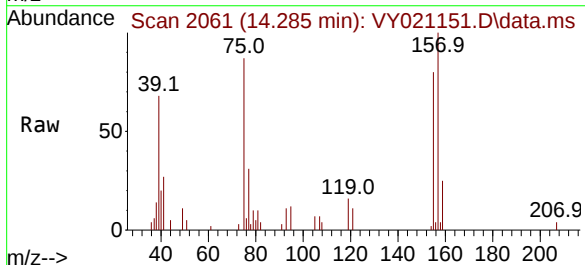
Instrument :
MSVOA_Y
ClientSampleId :

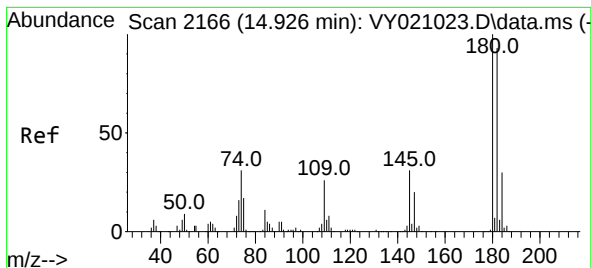
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.6
148	64.0	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.217 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021151.D
Acq: 10 Feb 2025 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	42.1	126.3
157	111.1	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.046 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

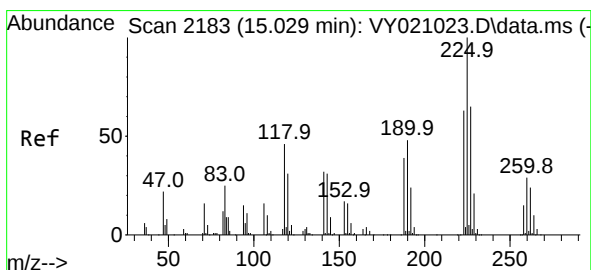
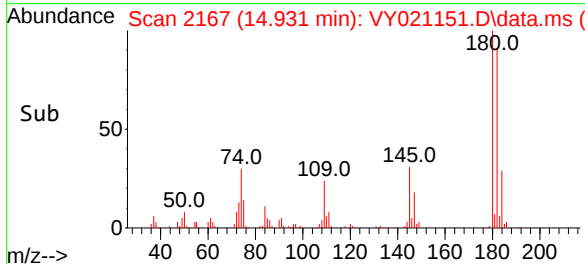
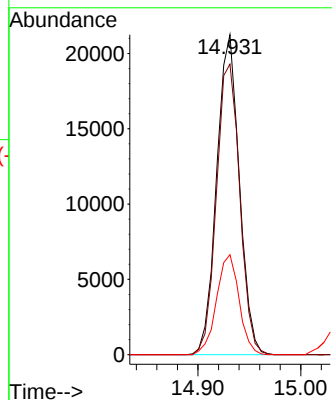
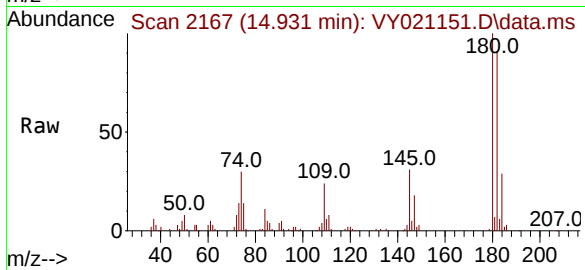
Tgt Ion:180 Resp: 32510

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.915 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.001 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

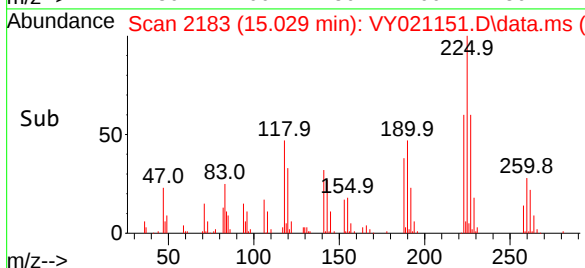
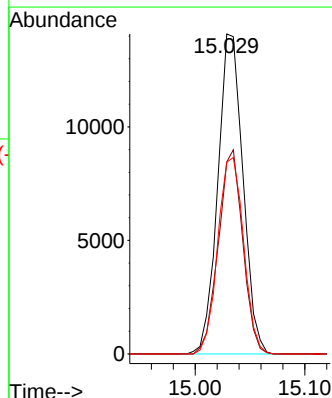
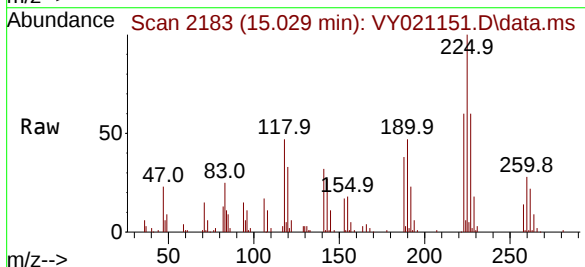
Tgt Ion:225 Resp: 22478

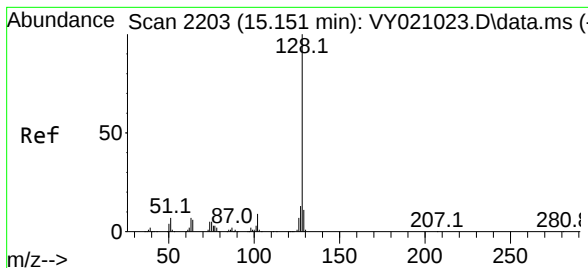
Ion Ratio Lower Upper

225 100

223 61.7 31.4 94.3

227 62.9 32.3 96.8





#95

Naphthalene

Concen: 19.198 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

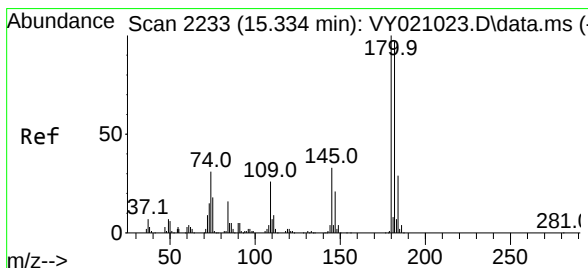
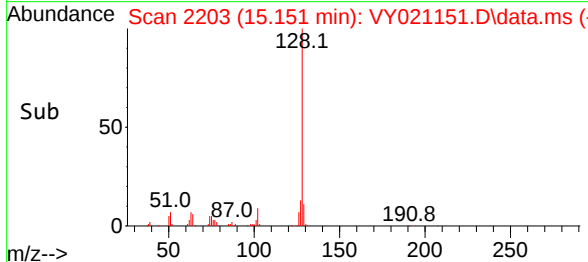
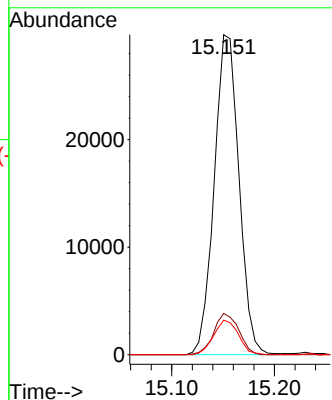
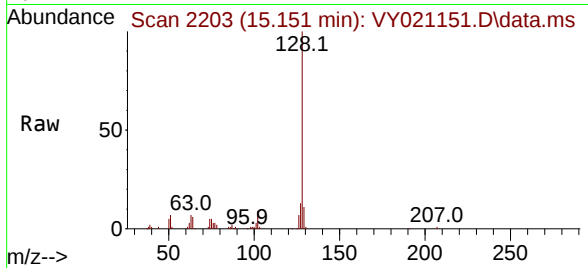
Tgt Ion:128 Resp: 49813

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.834 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021151.D

Acq: 10 Feb 2025 11:52

Tgt Ion:180 Resp: 26769

Ion Ratio Lower Upper

180 100

182 94.2 46.3 138.8

145 32.4 16.1 48.2

