

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021228.D
 Acq On : 18 Feb 2025 13:07
 Operator : SY/MD
 Sample : VY0218SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 19 04:12:55 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	7.725	168	161325	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	245412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	202901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	96182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	78340	47.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.800%
35) Dibromofluoromethane	7.646	113	78479	49.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.115	98	305113	50.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.420	95	97775	49.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	21800	15.161	ug/l	96
3) Chloromethane	2.080	50	22629	15.949	ug/l	97
4) Vinyl Chloride	2.220	62	23843	16.695	ug/l	97
5) Bromomethane	2.610	94	14697	16.651	ug/l	94
6) Chloroethane	2.751	64	15624	18.379	ug/l	96
7) Trichlorofluoromethane	3.080	101	48504	18.643	ug/l	95
8) Diethyl Ether	3.470	74	12839	15.807	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.836	101	32154	19.691	ug/l	97
10) Methyl Iodide	4.025	142	26543	14.631	ug/l	92
11) Tert butyl alcohol	4.884	59	8632	77.065	ug/l #	94
12) 1,1-Dichloroethene	3.811	96	25450	16.545	ug/l	91
13) Acrolein	3.671	56	10405	60.325	ug/l	99
14) Allyl chloride	4.403	41	47340	18.261	ug/l	94
15) Acrylonitrile	5.079	53	29338	86.742	ug/l	98
16) Acetone	3.885	43	27406	106.321	ug/l	91
17) Carbon Disulfide	4.128	76	50481	10.466	ug/l	98
18) Methyl Acetate	4.409	43	15071	16.655	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	68265	17.559	ug/l	96
20) Methylene Chloride	4.640	84	30201	18.847	ug/l	97
21) trans-1,2-Dichloroethene	5.134	96	28126	16.611	ug/l	92
22) Diisopropyl ether	6.030	45	105938	19.826	ug/l	92
23) Vinyl Acetate	5.976	43	263541	88.472	ug/l	97
24) 1,1-Dichloroethane	5.939	63	61595	19.675	ug/l	96
25) 2-Butanone	6.914	43	37188	87.794	ug/l	99
26) 2,2-Dichloropropane	6.902	77	59380	20.499	ug/l	97
27) cis-1,2-Dichloroethene	6.908	96	35617	18.275	ug/l	90
28) Bromochloromethane	7.262	49	23040	18.611	ug/l	98
29) Tetrahydrofuran	7.280	42	22392	78.124	ug/l	94
30) Chloroform	7.433	83	65019	20.219	ug/l	98
31) Cyclohexane	7.719	56	46491	16.491	ug/l #	94
32) 1,1,1-Trichloroethane	7.634	97	59046	19.750	ug/l	98
36) 1,1-Dichloropropene	7.847	75	42608	18.290	ug/l	98
37) Ethyl Acetate	7.000	43	16926	16.563	ug/l	98
38) Carbon Tetrachloride	7.835	117	53126	19.518	ug/l	100
39) Methylcyclohexane	9.121	83	48295	16.949	ug/l	99
40) Benzene	8.097	78	127287	18.619	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	8116	13.727	ug/l #	79
42) 1,2-Dichloroethane	8.170	62	35147	18.533	ug/l	98
43) Isopropyl Acetate	8.207	43	35104	17.287	ug/l	98
44) Trichloroethene	8.877	130	32813	18.578	ug/l	94
45) 1,2-Dichloropropane	9.152	63	31728	19.554	ug/l	99
46) Dibromomethane	9.243	93	15717	17.494	ug/l	97
47) Bromodichloromethane	9.432	83	48694	20.209	ug/l	98
48) Methyl methacrylate	9.231	41	15141	16.369	ug/l	95
49) 1,4-Dioxane	9.243	88	3024	361.571	ug/l	97
51) 4-Methyl-2-Pentanone	10.005	43	86169	84.385	ug/l	97
52) Toluene	10.182	92	81790	19.054	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	39522	18.267	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	48720	19.019	ug/l	91
55) 1,1,2-Trichloroethane	10.585	97	22257	19.131	ug/l	95
56) Ethyl methacrylate	10.450	69	25670	16.494	ug/l	90
57) 1,3-Dichloropropane	10.725	76	38027	18.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	60984	82.364	ug/l	98
59) 2-Hexanone	10.774	43	54930	83.547	ug/l	95
60) Dibromochloromethane	10.926	129	30137	18.446	ug/l	99
61) 1,2-Dibromoethane	11.023	107	19278	17.691	ug/l	100
64) Tetrachloroethene	10.658	164	28147	18.687	ug/l	96
65) Chlorobenzene	11.456	112	88739	19.641	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.529	131	32787	20.421	ug/l	96
67) Ethyl Benzene	11.529	91	159058	19.905	ug/l	99
68) m/p-Xylenes	11.639	106	118640	39.686	ug/l	97
69) o-Xylene	11.968	106	55709	19.988	ug/l	96
70) Styrene	11.981	104	93472	20.122	ug/l	98
71) Bromoform	12.145	173	16875	18.883	ug/l #	98
73) Isopropylbenzene	12.267	105	159059	21.171	ug/l	99
74) N-amyl acetate	12.084	43	29164	17.755	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.517	83	22876	18.308	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	31077	35.619	ug/l #	100
77) Bromobenzene	12.541	156	34707	20.018	ug/l	93
78) n-propylbenzene	12.609	91	192712	21.532	ug/l	99
79) 2-Chlorotoluene	12.694	91	107702	21.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	129730	21.297	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	7174	16.778	ug/l	90
82) 4-Chlorotoluene	12.791	91	110822	21.219	ug/l	99
83) tert-Butylbenzene	13.011	119	120629	21.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	124644	20.927	ug/l	98
85) sec-Butylbenzene	13.188	105	176287	22.118	ug/l	97
86) p-Isopropyltoluene	13.304	119	142210	21.480	ug/l	98
87) 1,3-Dichlorobenzene	13.297	146	69907	20.882	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	68362	20.740	ug/l	98
89) n-Butylbenzene	13.627	91	134229	22.224	ug/l	99
90) Hexachloroethane	13.889	117	29629	21.452	ug/l	86
91) 1,2-Dichlorobenzene	13.669	146	59131	20.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3541	18.964	ug/l	92
93) 1,2,4-Trichlorobenzene	14.931	180	33308	20.594	ug/l	97
94) Hexachlorobutadiene	15.035	225	24576	22.930	ug/l	99
95) Naphthalene	15.157	128	48944	18.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	27500	20.431	ug/l	98

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ClientSampleId :

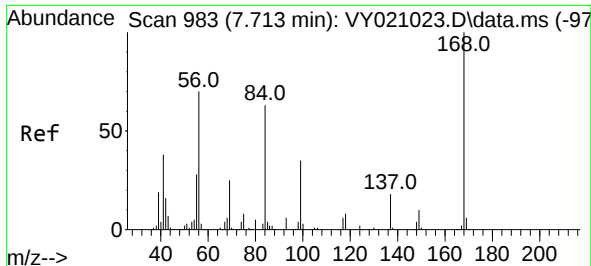
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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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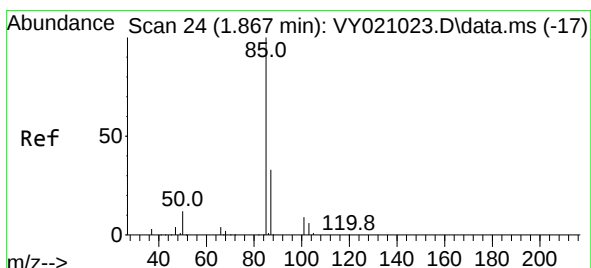
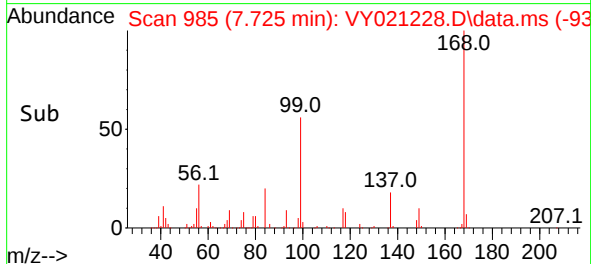
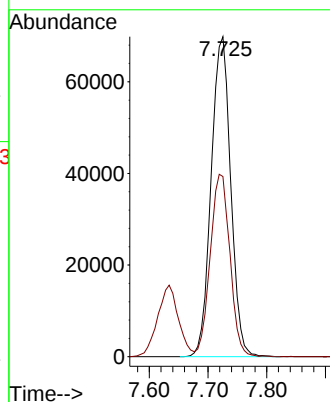
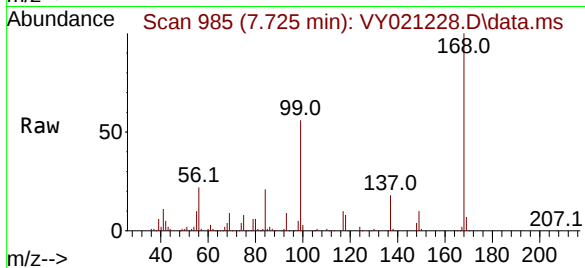




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

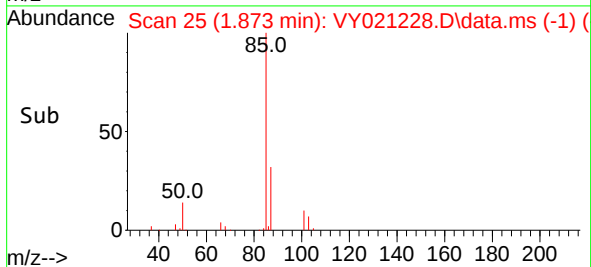
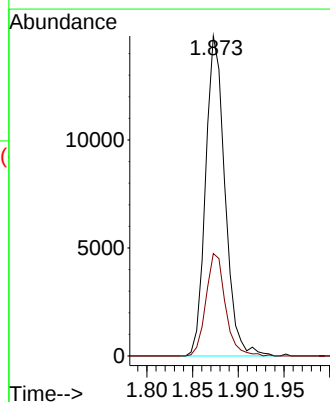
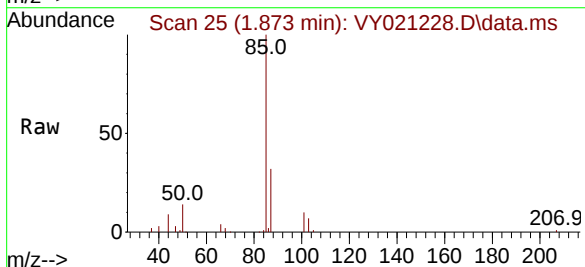
Instrument :
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ClientSampleId :

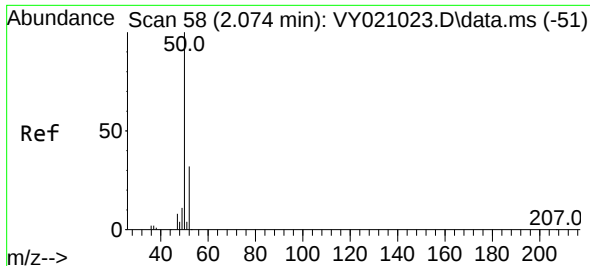
Tgt Ion:168 Resp: 161325
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 15.161 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 85 Resp: 21800
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3

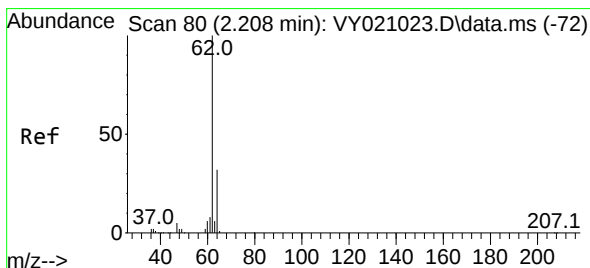
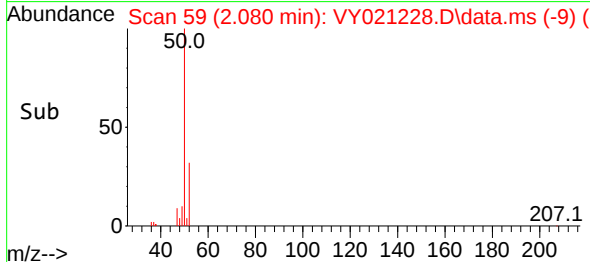
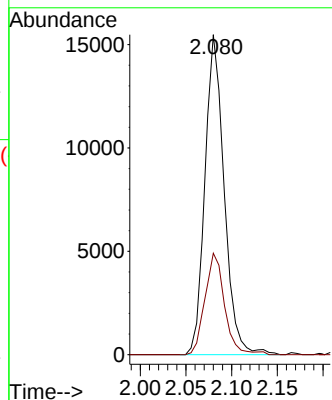
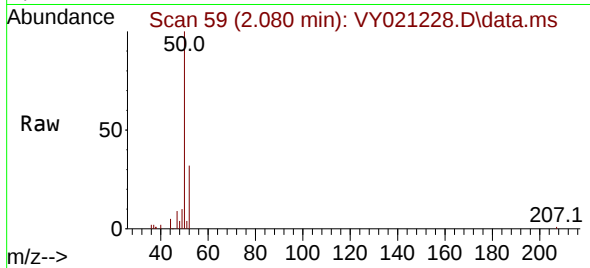




#3
Chloromethane
Concen: 15.949 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

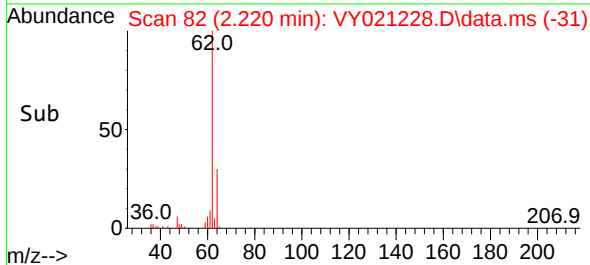
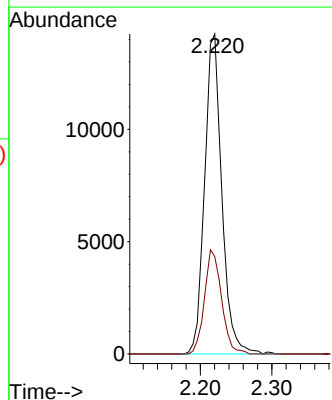
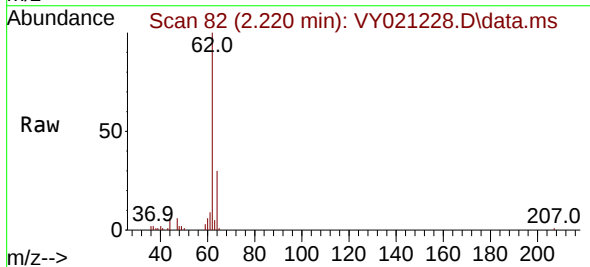
Instrument :
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ClientSampleId :

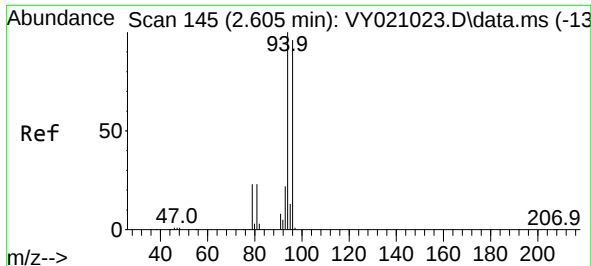
Tgt Ion: 50 Resp: 22629
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1



#4
Vinyl Chloride
Concen: 16.695 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 62 Resp: 23843
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5

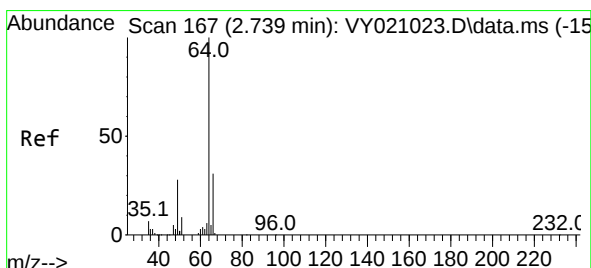
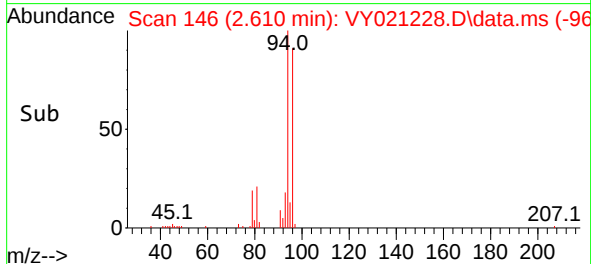
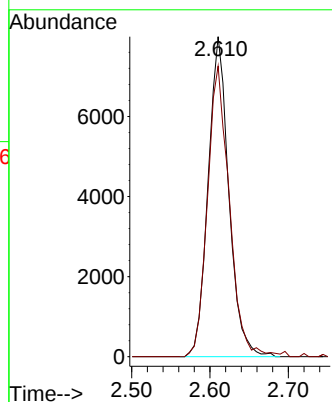
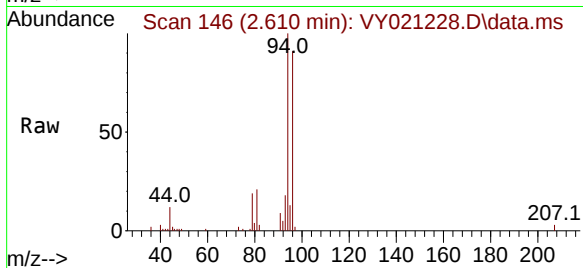




#5
Bromomethane
Concen: 16.651 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

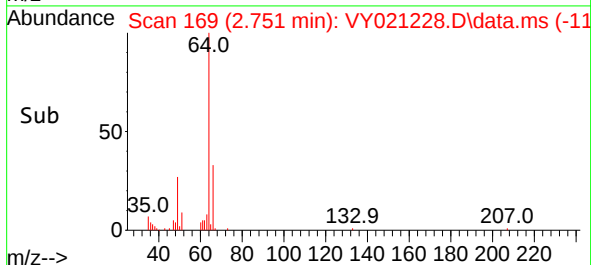
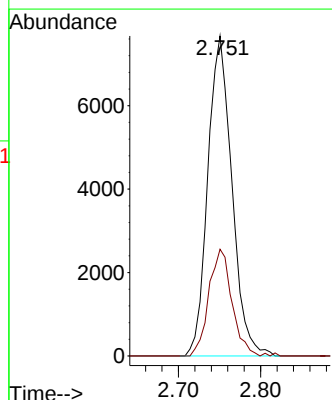
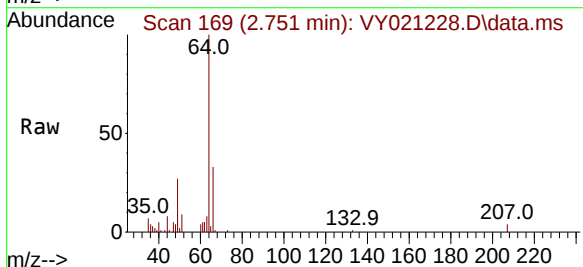
Instrument :
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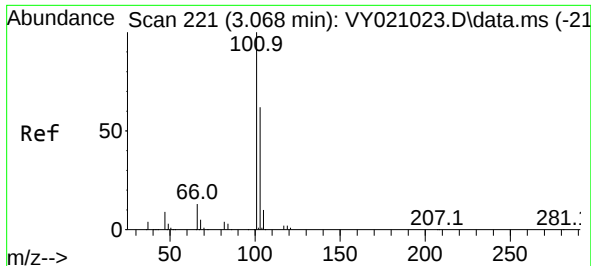
Tgt Ion: 94 Resp: 14697
Ion Ratio Lower Upper
94 100
96 90.8 77.3 115.9



#6
Chloroethane
Concen: 18.379 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 64 Resp: 15624
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7

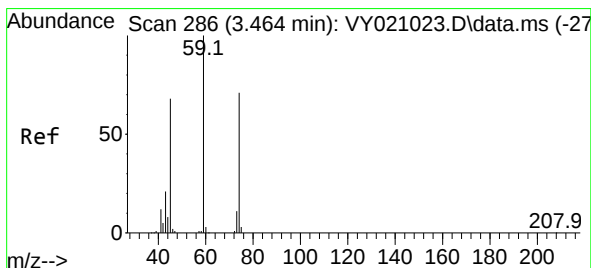
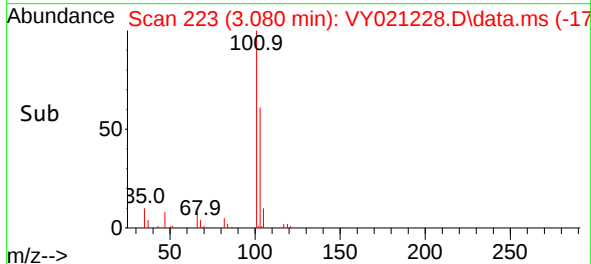
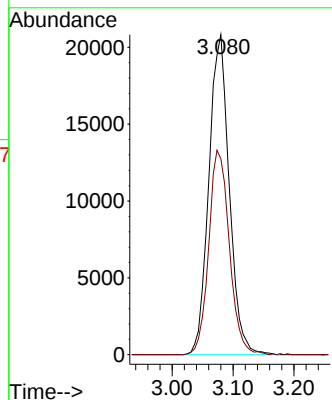
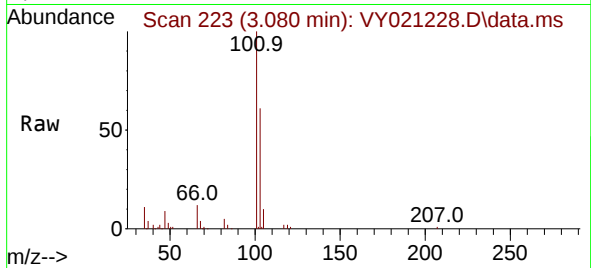




#7
Trichlorofluoromethane
Concen: 18.643 ug/l
RT: 3.080 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

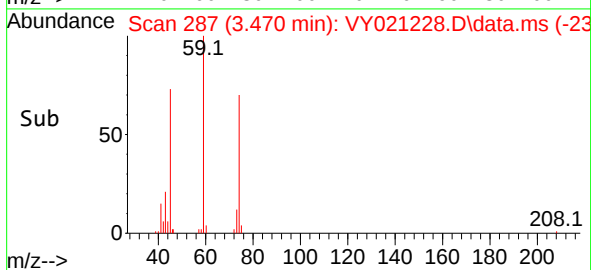
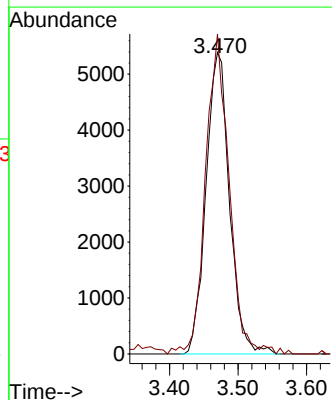
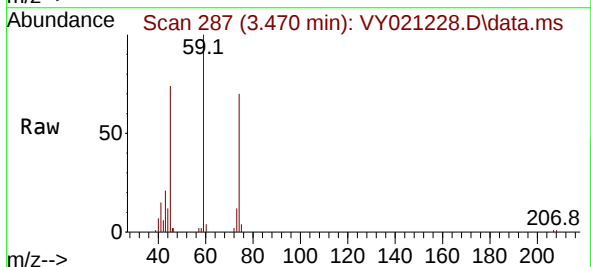
Instrument :
MSVOA_Y
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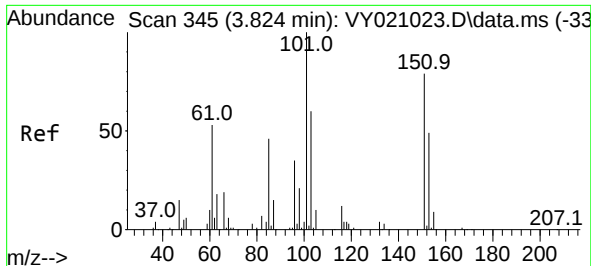
Tgt Ion:101 Resp: 48504
Ion Ratio Lower Upper
101 100
103 61.2 51.9 77.9



#8
Diethyl Ether
Concen: 15.807 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 74 Resp: 12839
Ion Ratio Lower Upper
74 100
45 105.2 47.9 143.7

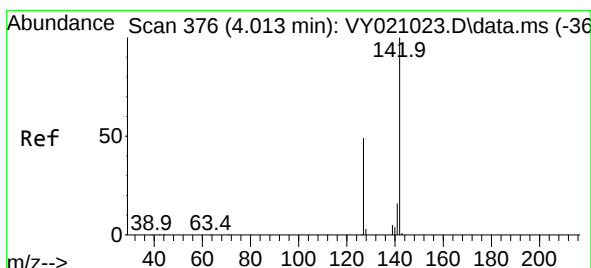
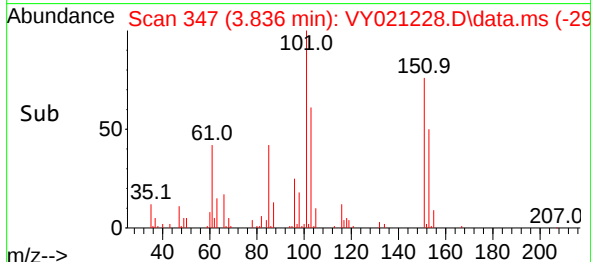
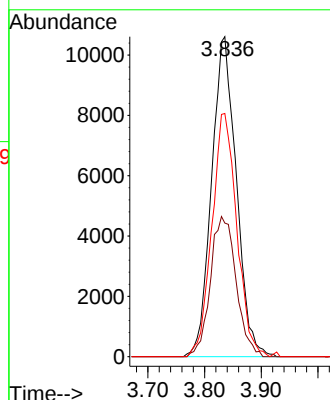
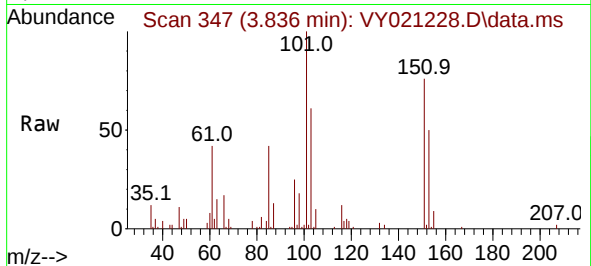




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.691 ug/l
RT: 3.836 min Scan# 345
Delta R.T. 0.012 min
Lab File: VY021228.D
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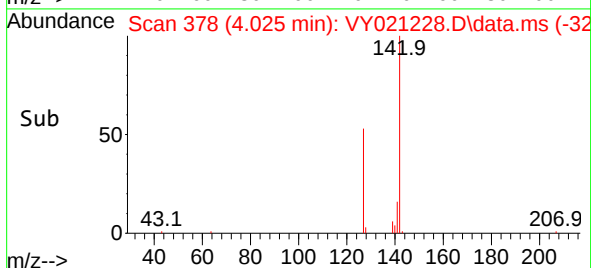
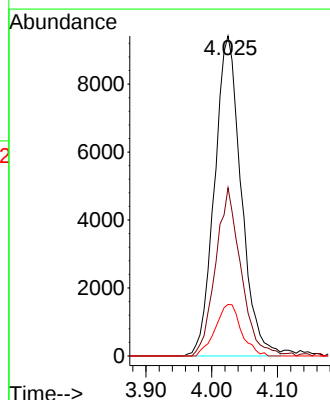
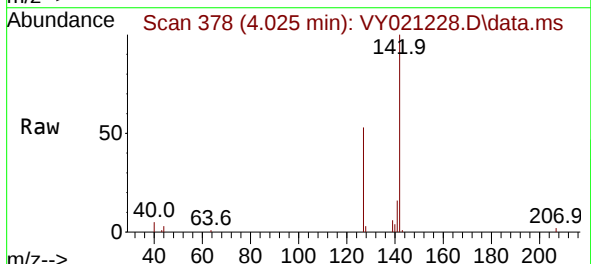
Instrument :
MSVOA_Y
ClientSampleId :

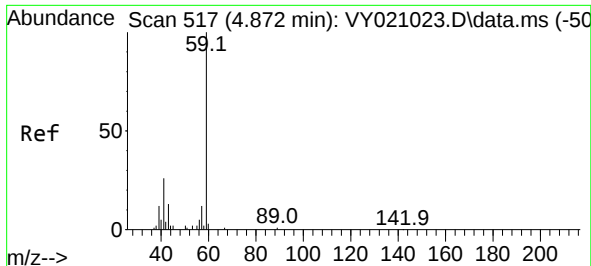
Tgt Ion:	101	Resp:	32154
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.8	53.6
151	76.4	58.6	88.0



#10
Methyl Iodide
Concen: 14.631 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion:	142	Resp:	26543
Ion	Ratio	Lower	Upper
142	100		
127	50.4	35.1	52.7
141	15.7	11.8	17.6

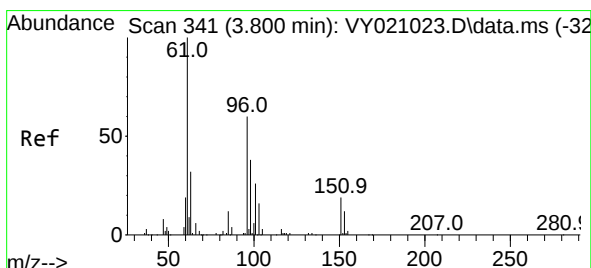
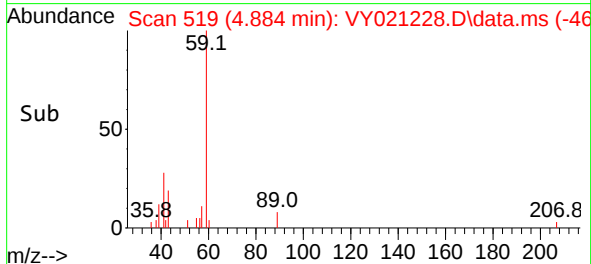
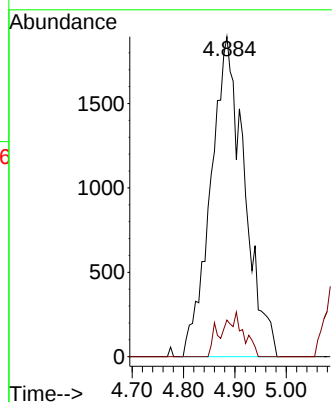
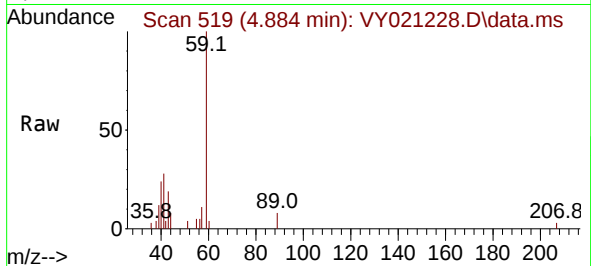




#11
Tert butyl alcohol
Concen: 77.065 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

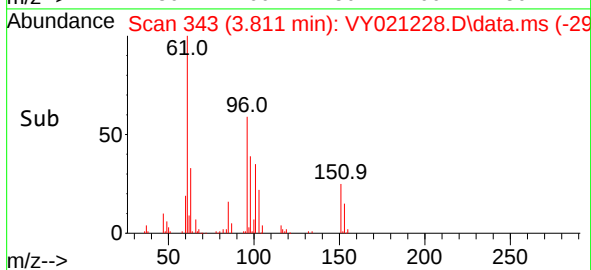
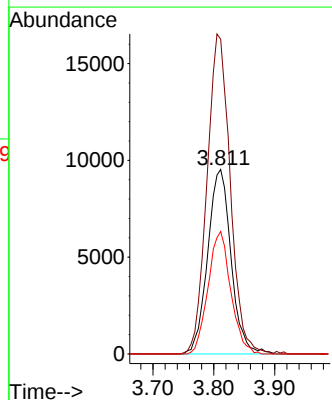
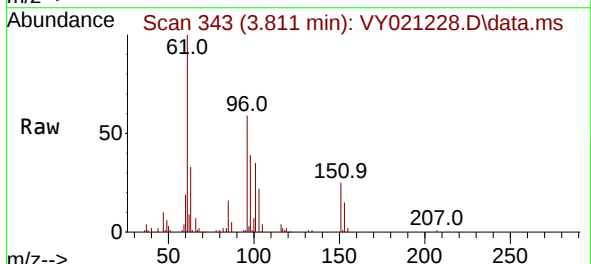
Instrument :
MSVOA_Y
ClientSampleId :

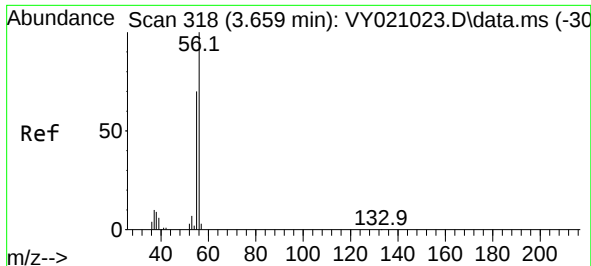
Tgt Ion: 59 Resp: 8632
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 16.545 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 96 Resp: 25450
Ion Ratio Lower Upper
96 100
61 170.6 124.2 186.2
98 66.4 52.6 79.0





#13

Acrolein

Concen: 60.325 ug/l

RT: 3.671 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

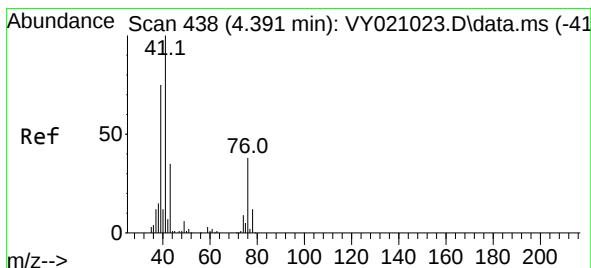
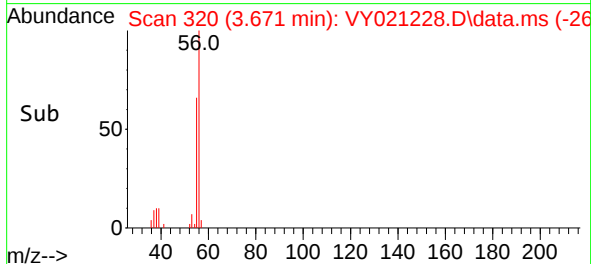
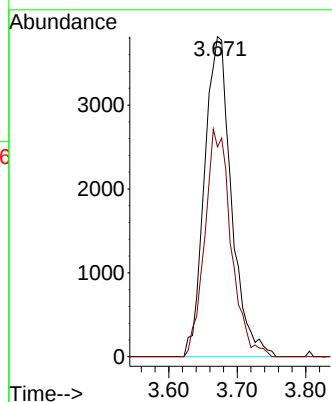
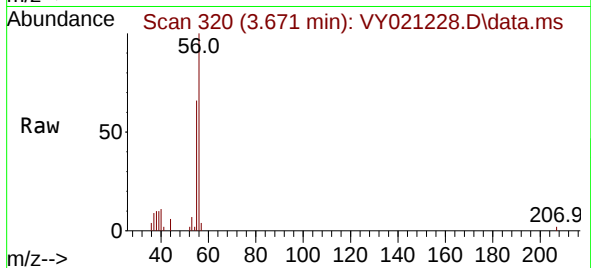
ClientSampleId :

Tgt Ion: 56 Resp: 10405

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



#14

Allyl chloride

Concen: 18.261 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

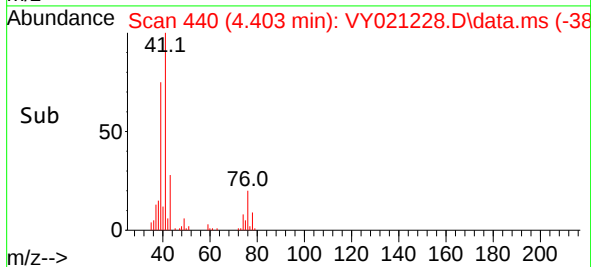
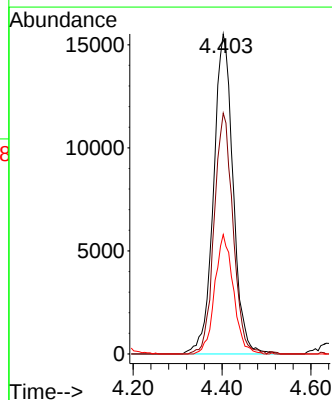
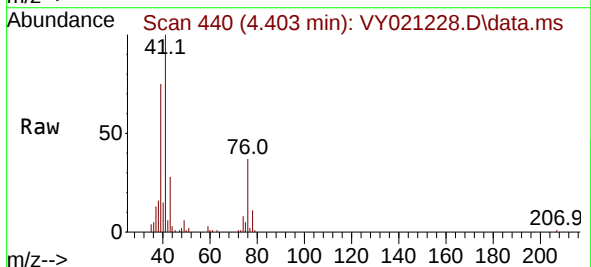
Tgt Ion: 41 Resp: 47340

Ion Ratio Lower Upper

41 100

39 72.4 54.7 82.1

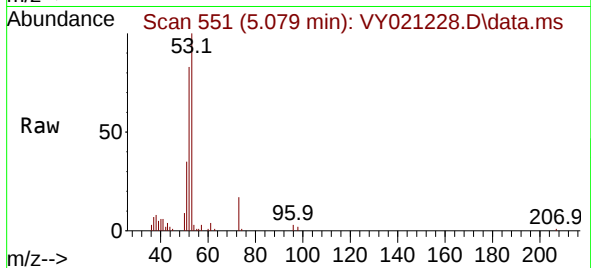
76 35.6 31.8 47.6



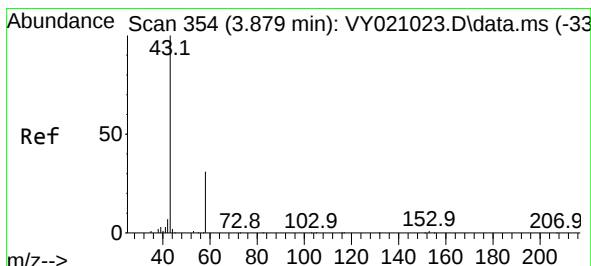
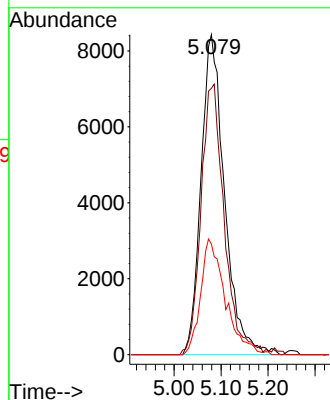
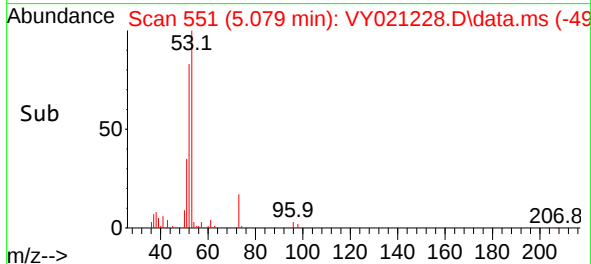


#15
Acrylonitrile
Concen: 86.742 ug/l
RT: 5.079 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

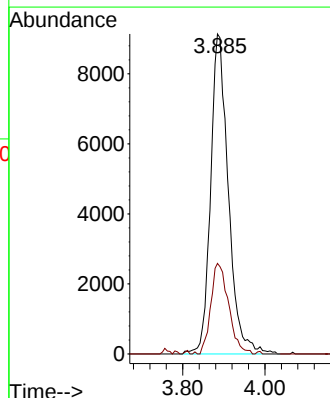
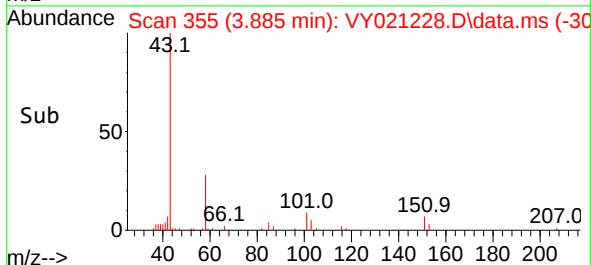
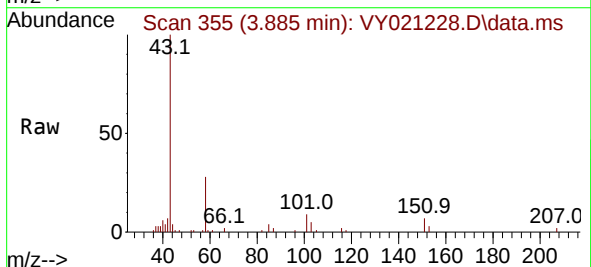


Tgt Ion: 53 Resp: 29338
Ion Ratio Lower Upper
53 100
52 83.4 65.1 97.7
51 38.0 29.0 43.4



#16
Acetone
Concen: 106.321 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 43 Resp: 27406
Ion Ratio Lower Upper
43 100
58 28.3 26.6 39.8

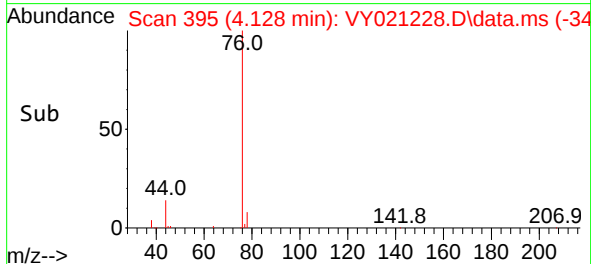
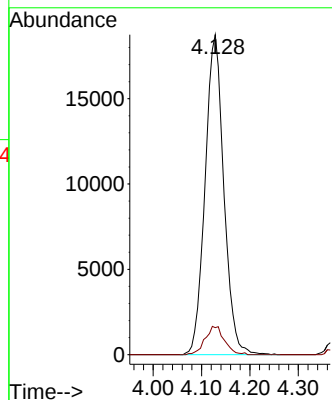
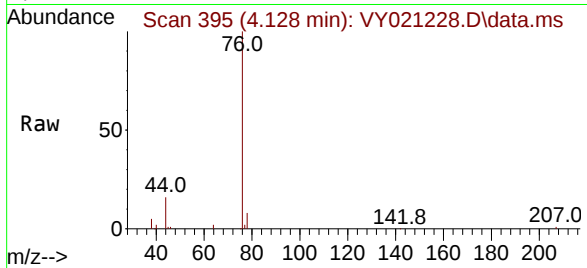




#17
Carbon Disulfide
Concen: 10.466 ug/l
RT: 4.128 min Scan# 395
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

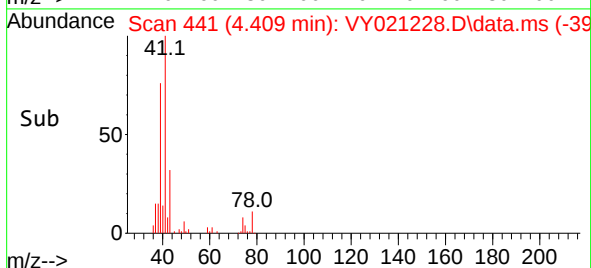
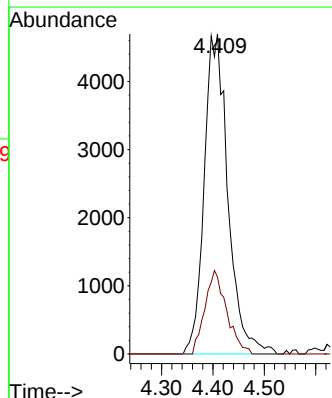
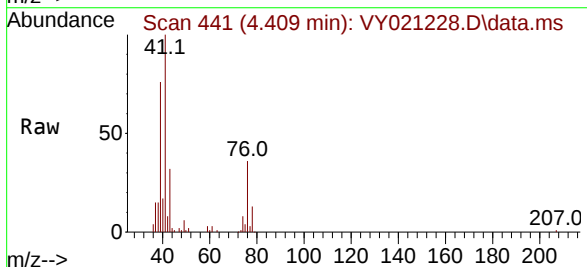
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 50481
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 16.655 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

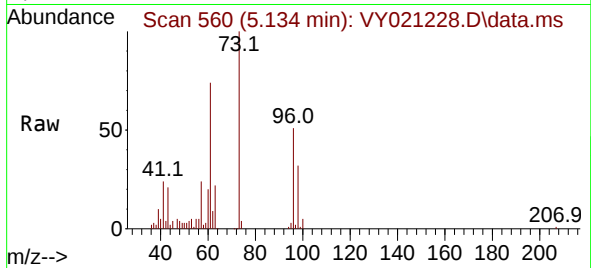
Tgt Ion: 43 Resp: 15071
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6



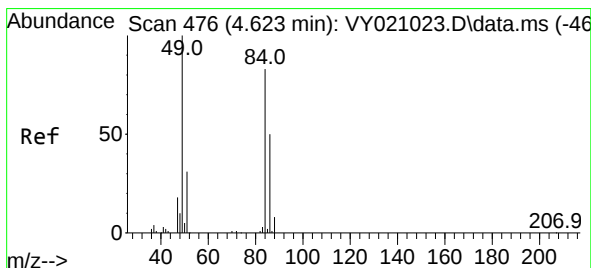
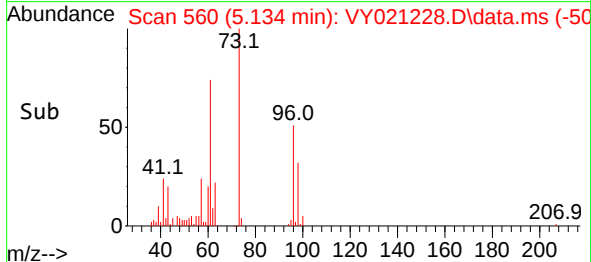
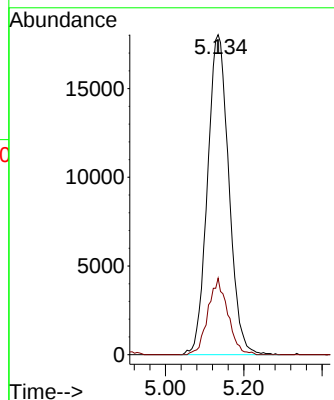


#19
Methyl tert-butyl Ether
Concen: 17.559 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

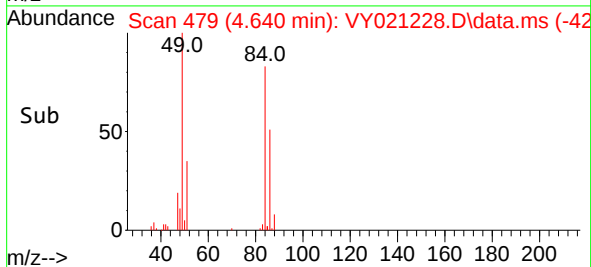
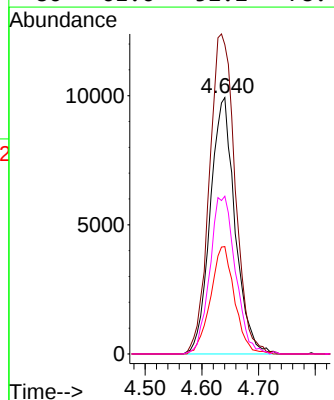
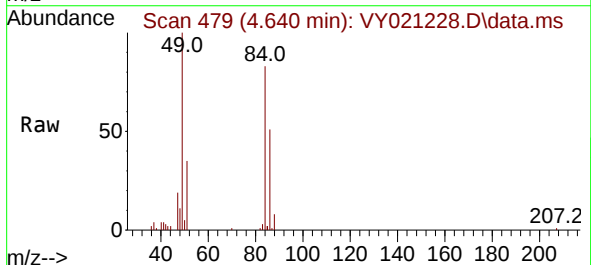


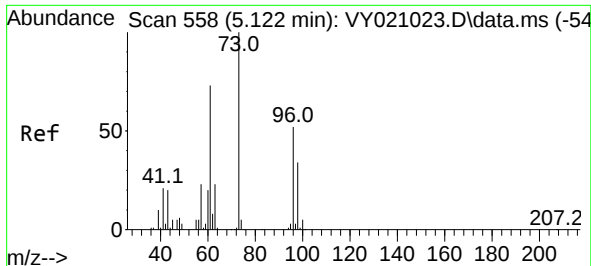
Tgt Ion: 73 Resp: 68265
Ion Ratio Lower Upper
73 100
57 23.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.847 ug/l
RT: 4.640 min Scan# 479
Delta R.T. 0.018 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

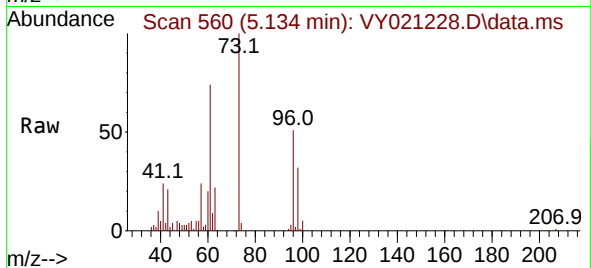
Tgt Ion: 84 Resp: 30201
Ion Ratio Lower Upper
84 100
49 120.7 95.2 142.8
51 41.9 29.9 44.9
86 61.6 52.2 78.4



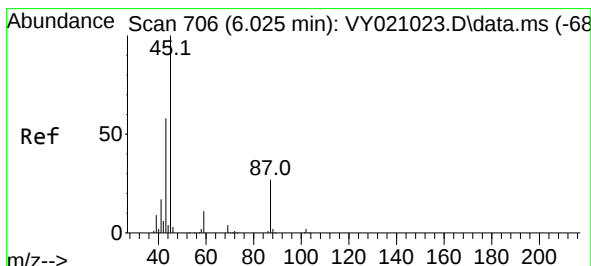
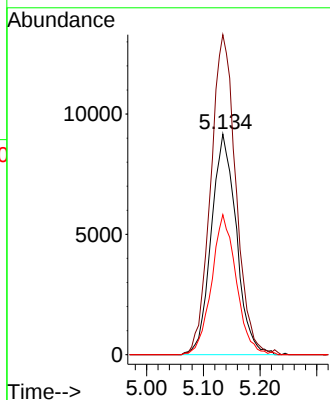
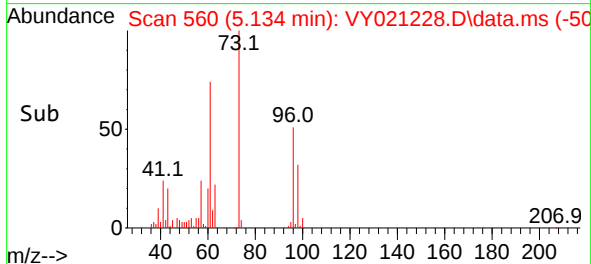


#21
trans-1,2-Dichloroethene
Concen: 16.611 ug/l
RT: 5.134 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

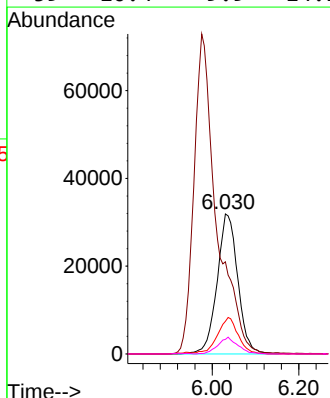
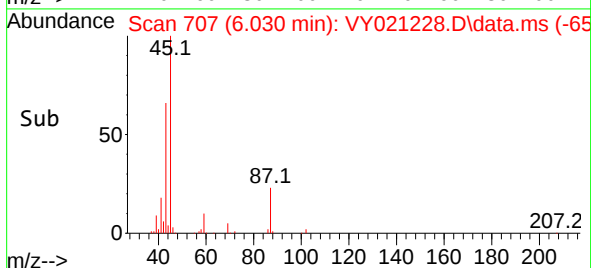
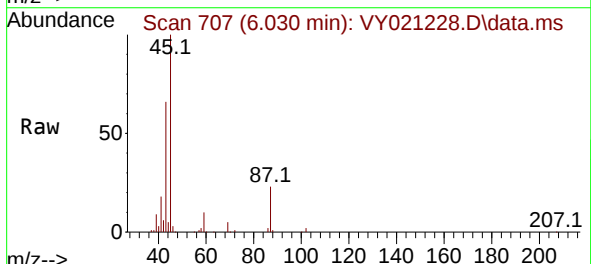


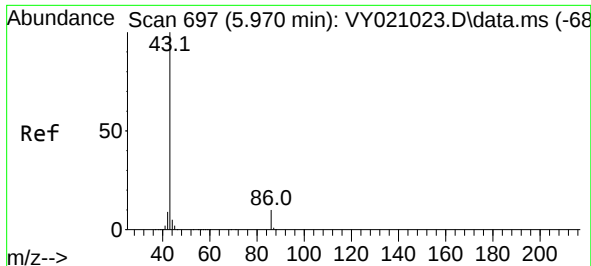
Tgt Ion: 96 Resp: 28126
Ion Ratio Lower Upper
96 100
61 145.0 104.6 156.8
98 63.4 50.9 76.3



#22
Diisopropyl ether
Concen: 19.826 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 45 Resp: 105938
Ion Ratio Lower Upper
45 100
43 64.8 46.8 70.2
87 23.4 22.2 33.2
59 10.4 9.9 14.9

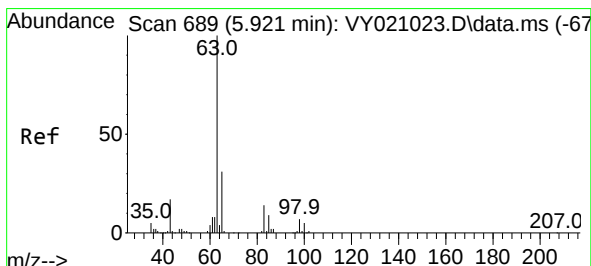
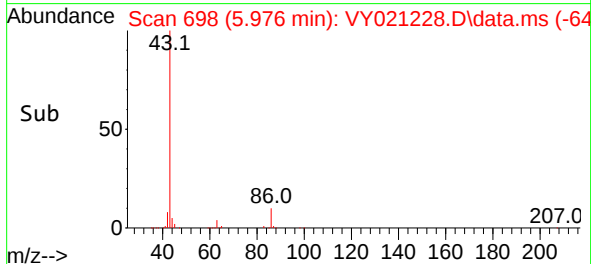
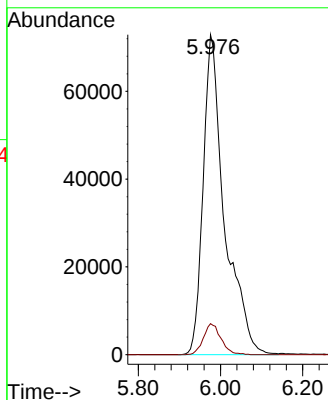
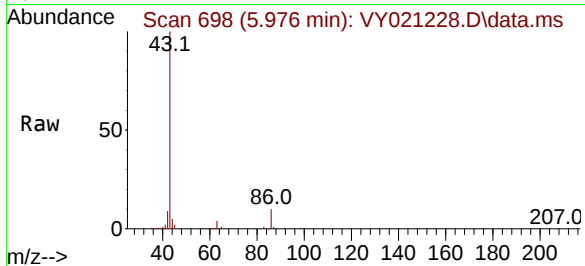




#23
 Vinyl Acetate
 Concen: 88.472 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

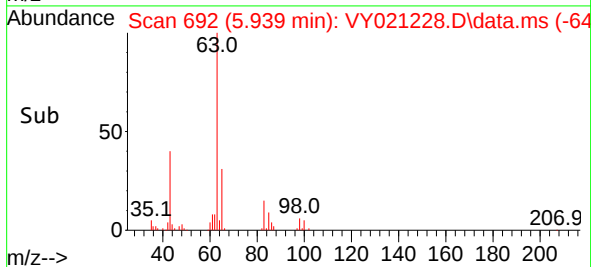
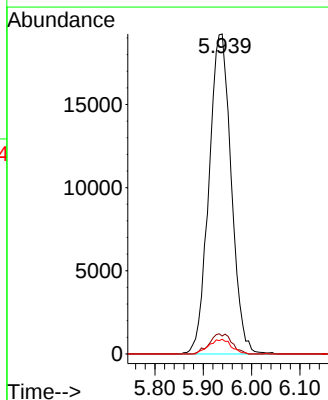
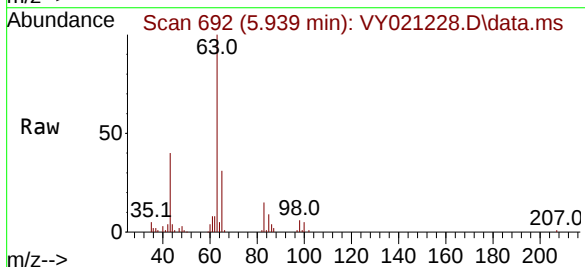
Instrument :
 MSVOA_Y
 ClientSampleId :

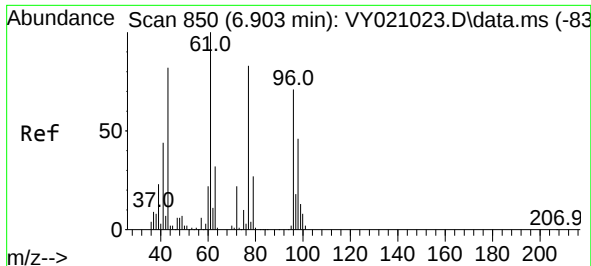
Tgt Ion: 43 Resp: 263541
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.675 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

Tgt Ion: 63 Resp: 61595
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.8 11.4
 100 4.6 2.1 6.2

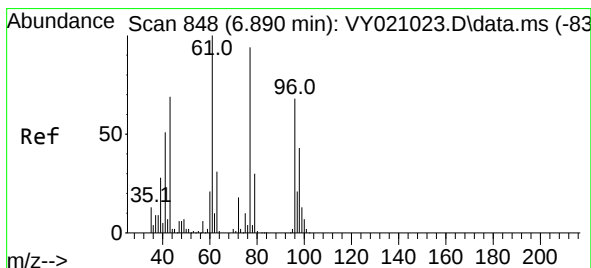
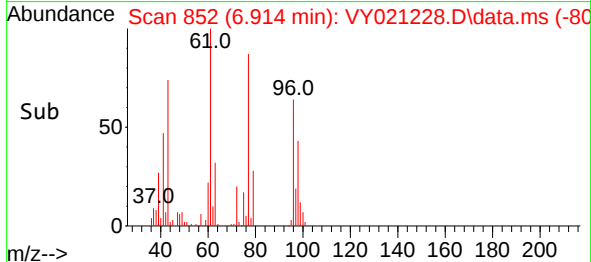
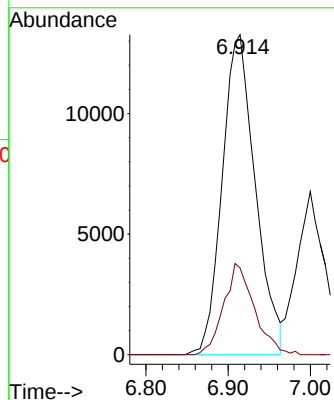
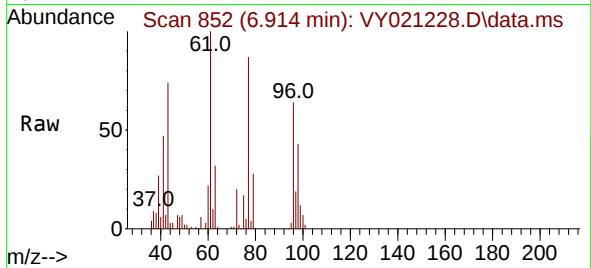




#25
2-Butanone
Concen: 87.794 ug/l
RT: 6.914 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

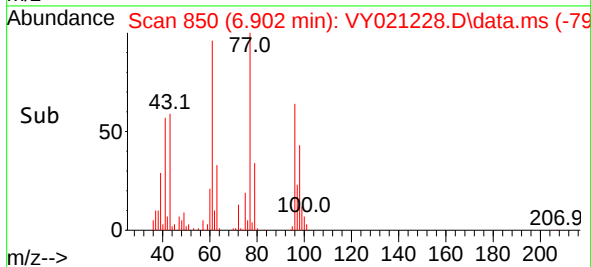
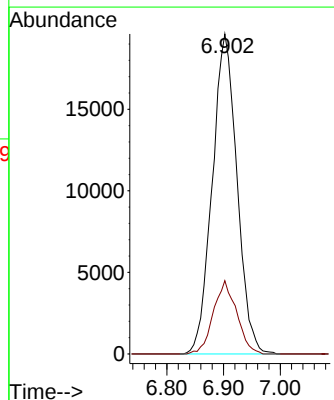
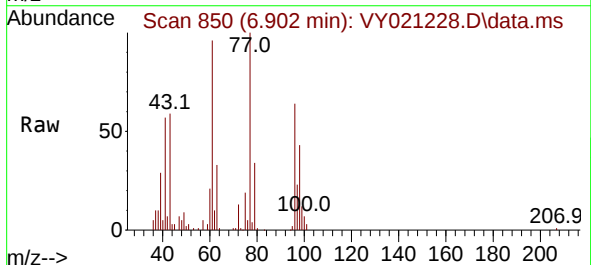
Instrument :
MSVOA_Y
ClientSampleId :

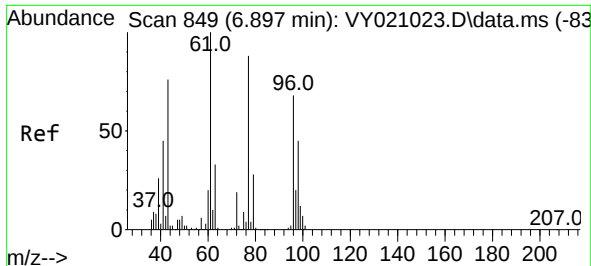
Tgt Ion: 43 Resp: 37188
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.499 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

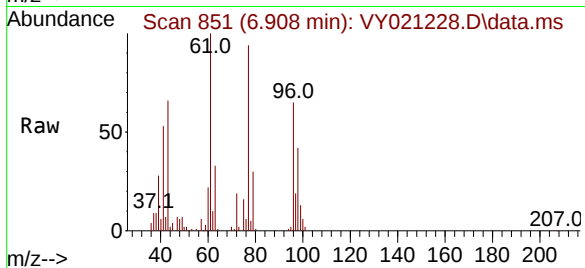
Tgt Ion: 77 Resp: 59380
Ion Ratio Lower Upper
77 100
97 21.6 11.7 35.0



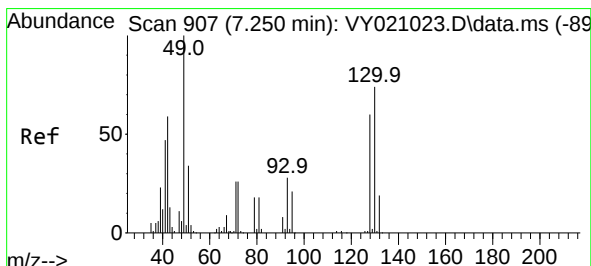
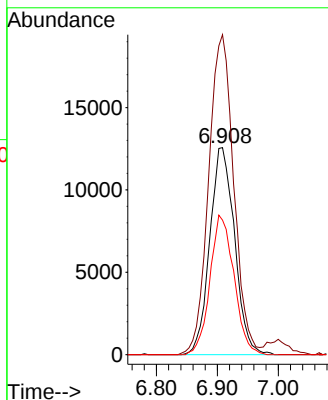
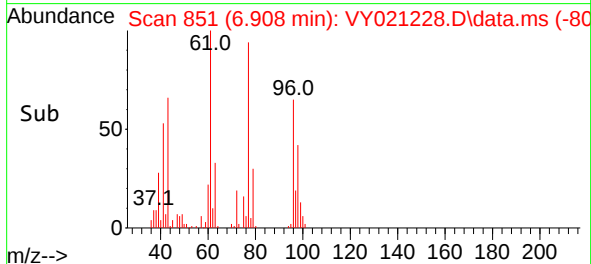


#27
 cis-1,2-Dichloroethene
 Concen: 18.275 ug/l
 RT: 6.908 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :

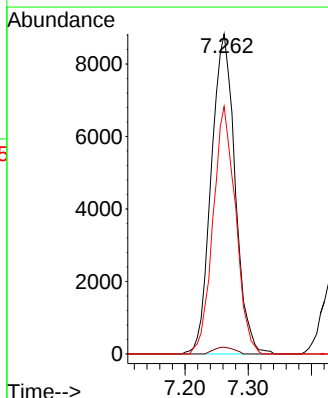
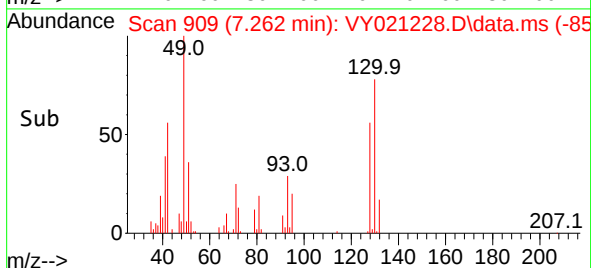
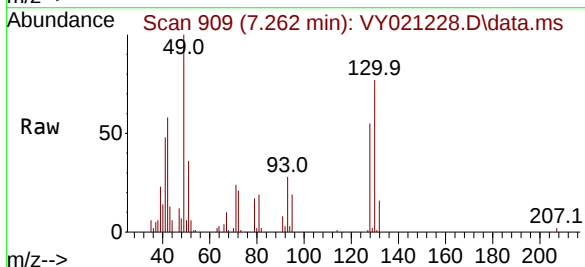


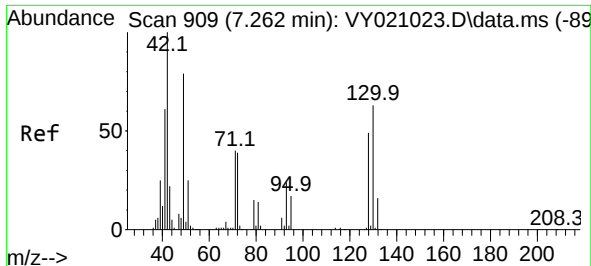
Tgt Ion: 96 Resp: 35617
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 278.8
 98 65.1 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.611 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

Tgt Ion: 49 Resp: 23040
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 73.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 78.124 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021228.D

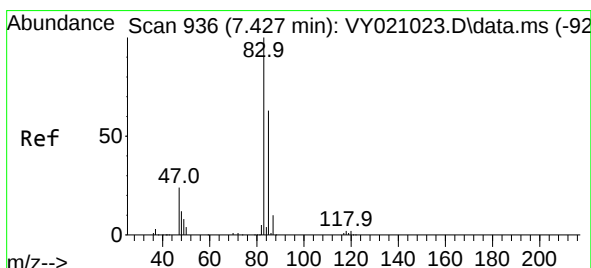
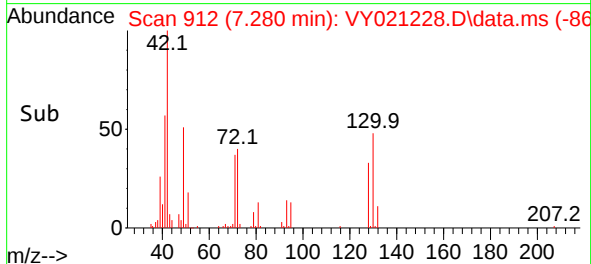
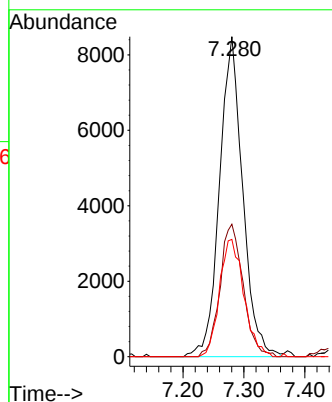
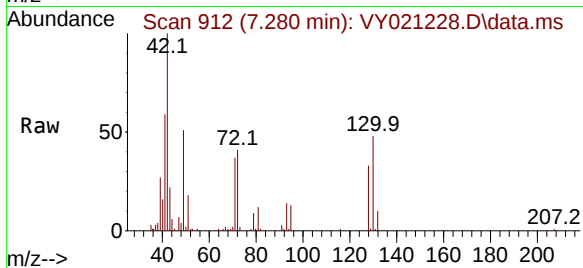
Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	22392
Ion	Ratio	Lower	Upper
42	100		
72	41.5	36.6	54.8
71	38.4	33.8	50.6



#30

Chloroform

Concen: 20.219 ug/l

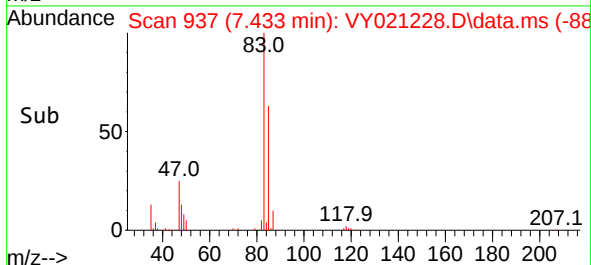
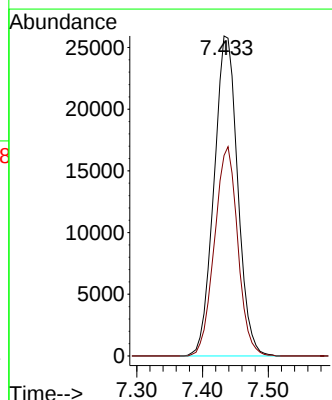
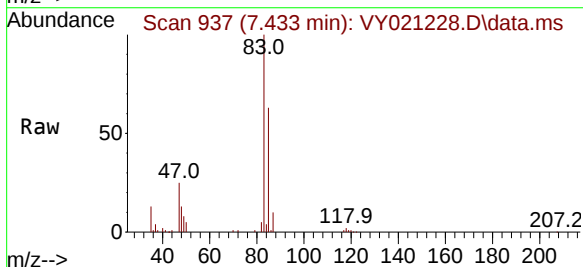
RT: 7.433 min Scan# 937

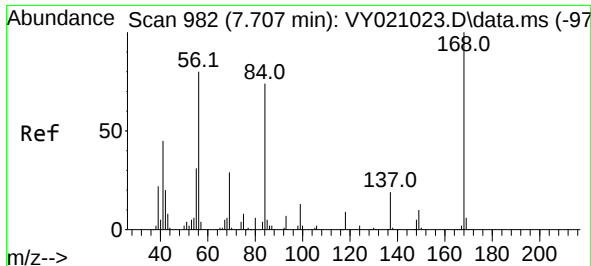
Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Tgt Ion:	83	Resp:	65019
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.2	76.8

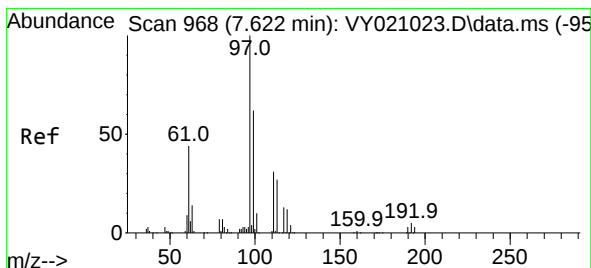
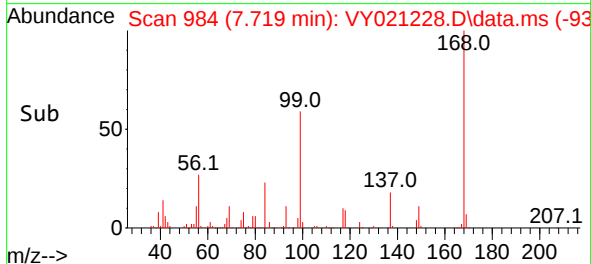
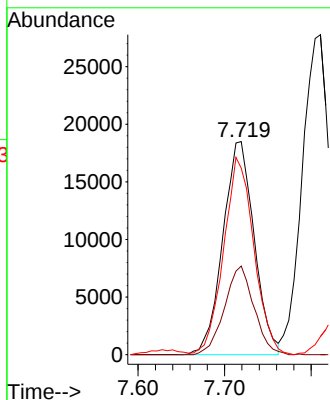
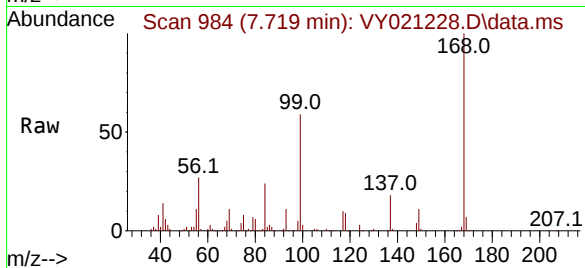




#31
Cyclohexane
Concen: 16.491 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

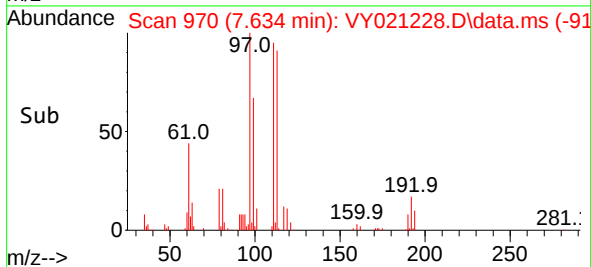
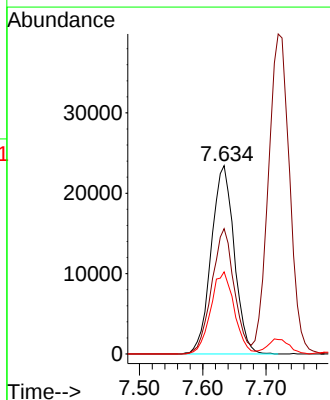
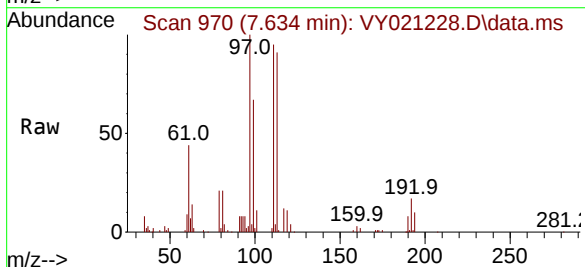
Instrument :
MSVOA_Y
ClientSampleId :

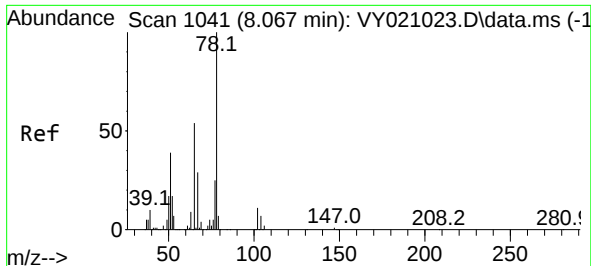
Tgt Ion: 56 Resp: 46491
Ion Ratio Lower Upper
56 100
69 41.6 27.0 40.6#
84 86.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.750 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 97 Resp: 59046
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 44.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.395 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

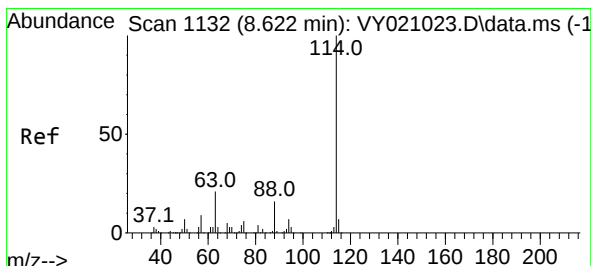
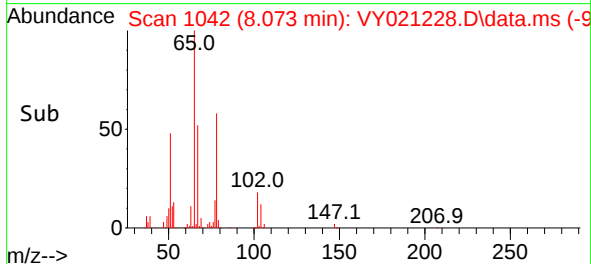
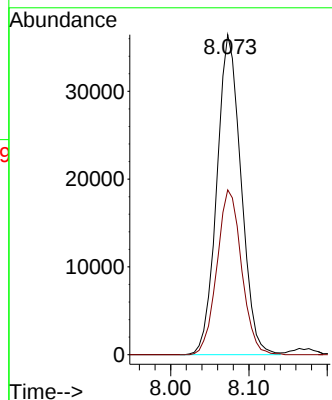
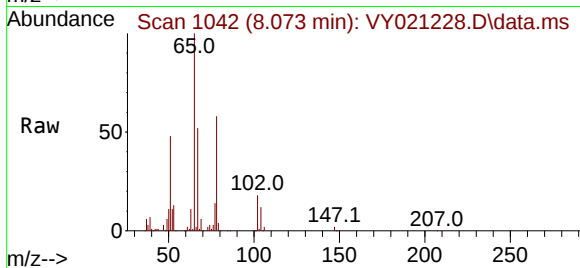
ClientSampleId :

Tgt Ion: 65 Resp: 78340

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

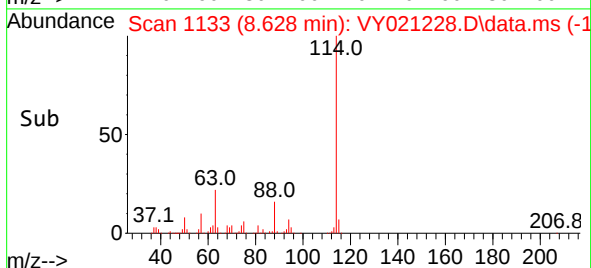
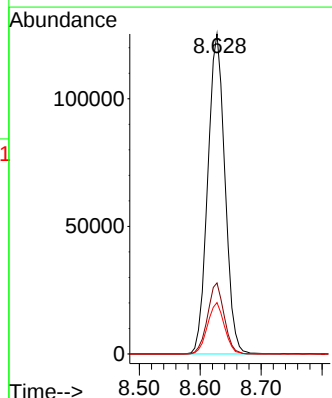
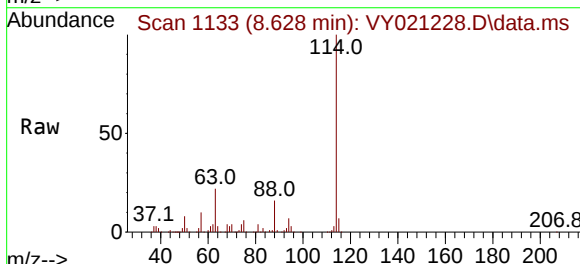
Tgt Ion: 114 Resp: 245412

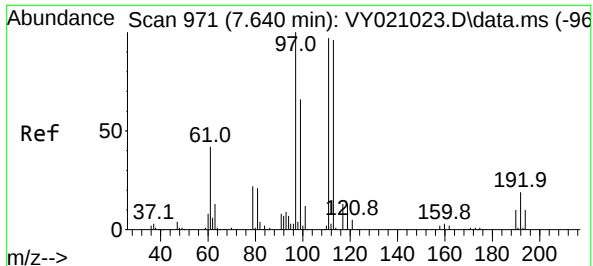
Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

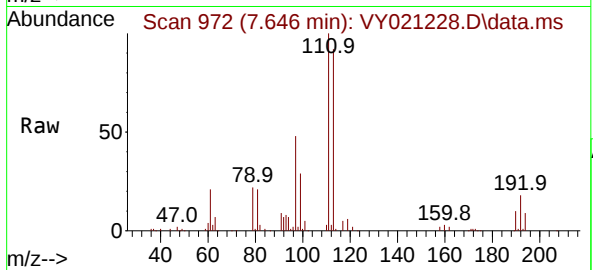
88 16.0 0.0 29.0



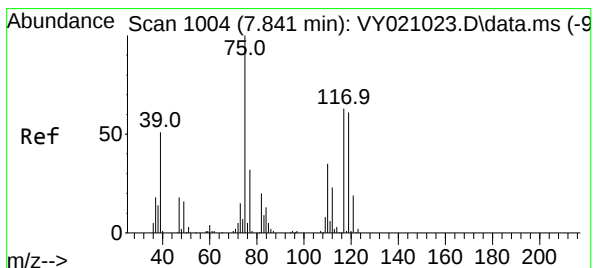
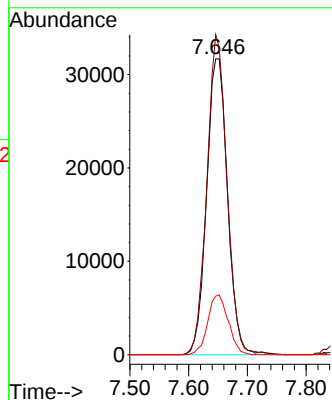
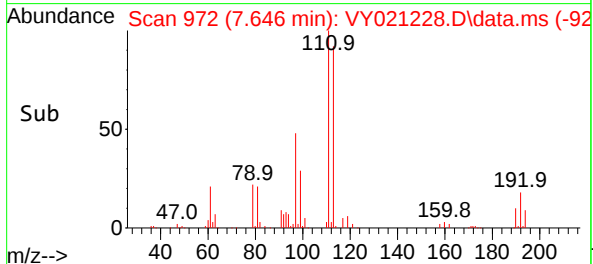


#35
Dibromofluoromethane
Concen: 49.899 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

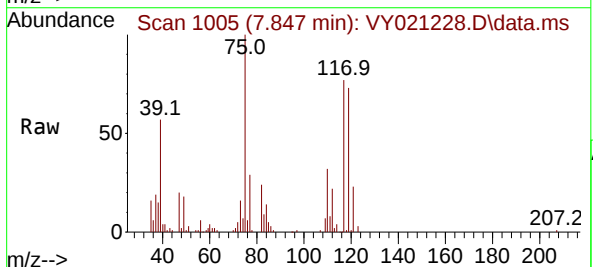
Instrument :
MSVOA_Y
ClientSampleId :



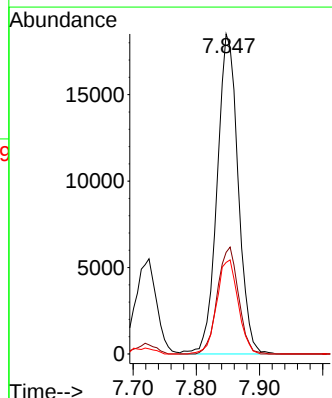
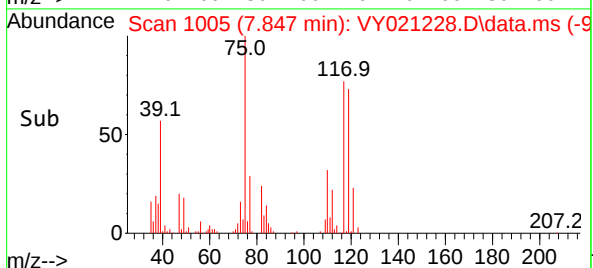
Tgt Ion:113 Resp: 78479
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 19.8 14.5 21.7

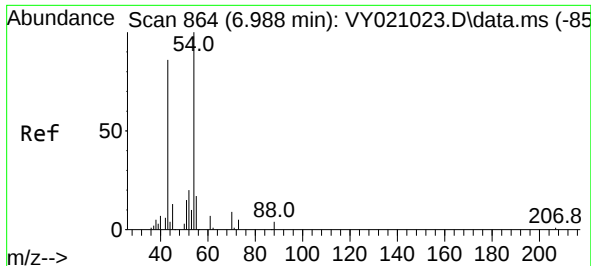


#36
1,1-Dichloropropene
Concen: 18.290 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07



Tgt Ion: 75 Resp: 42608
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.3
77 30.0 24.7 37.1





#37

Ethyl Acetate

Concen: 16.563 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

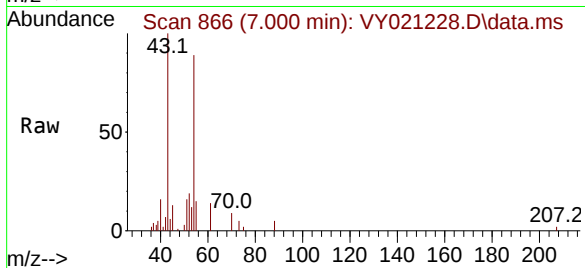
Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :



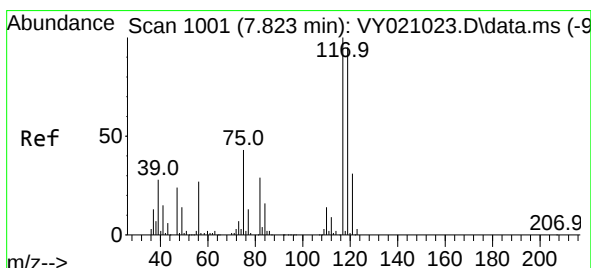
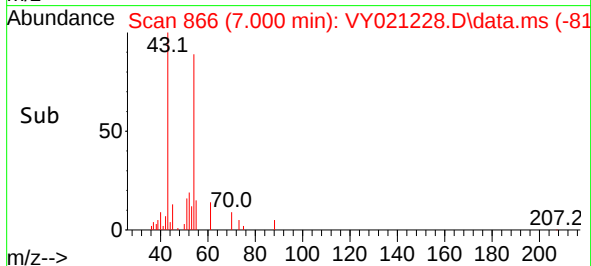
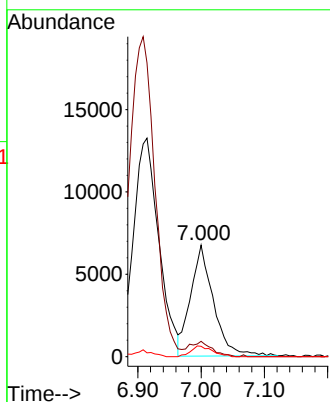
Tgt Ion: 43 Resp: 16926

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.518 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

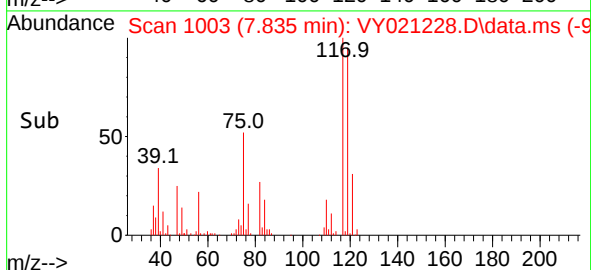
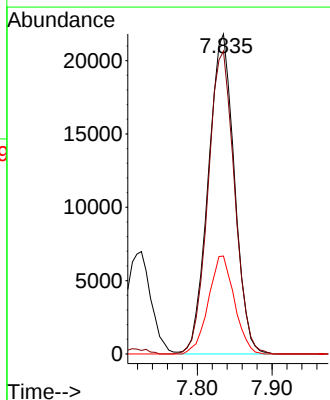
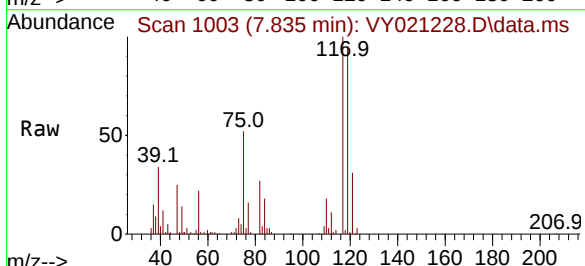
Tgt Ion: 117 Resp: 53126

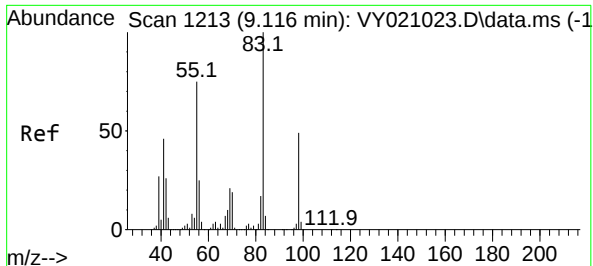
Ion Ratio Lower Upper

117 100

119 94.6 76.0 114.0

121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 16.949 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

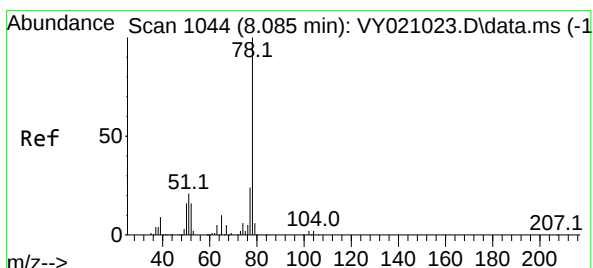
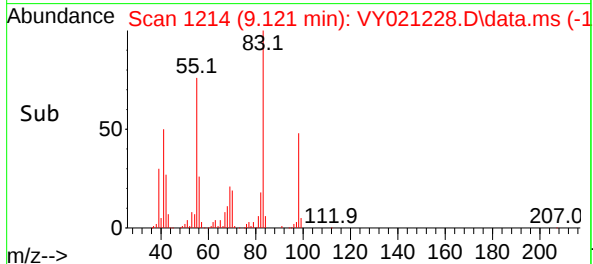
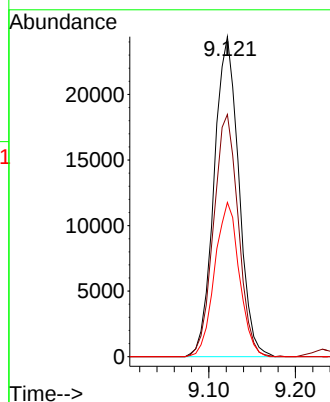
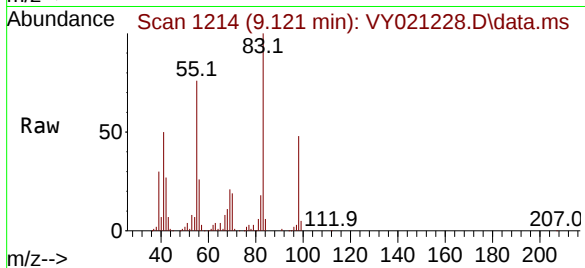
Tgt Ion: 83 Resp: 48295

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 48.2 38.0 57.0



#40

Benzene

Concen: 18.619 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY021228.D

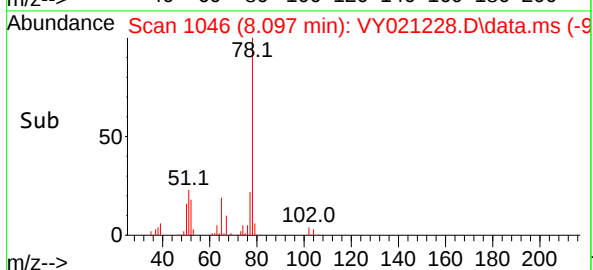
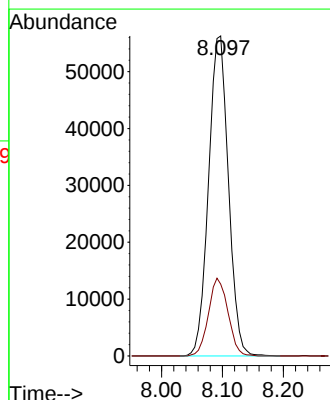
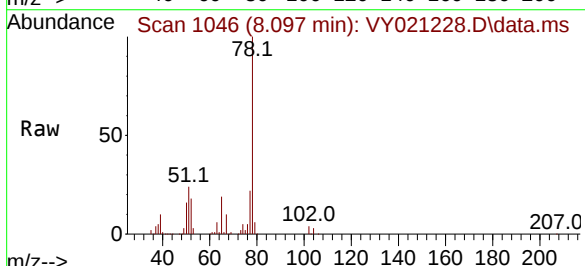
Acq: 18 Feb 2025 13:07

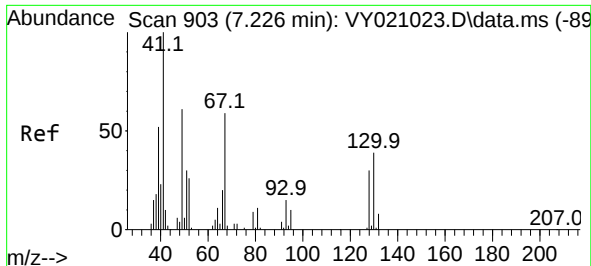
Tgt Ion: 78 Resp: 127287

Ion Ratio Lower Upper

78 100

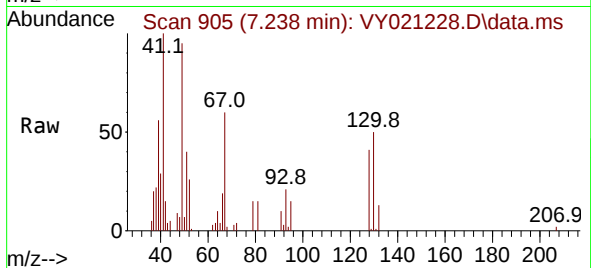
77 22.4 18.8 28.2



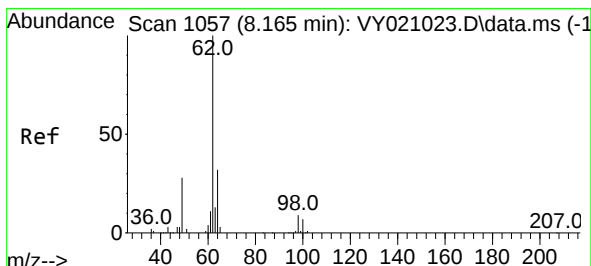
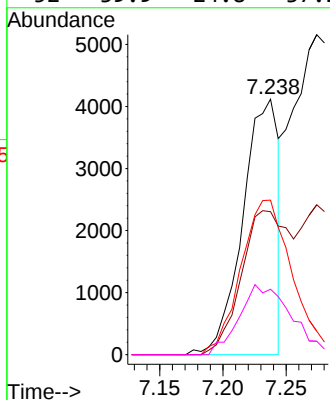
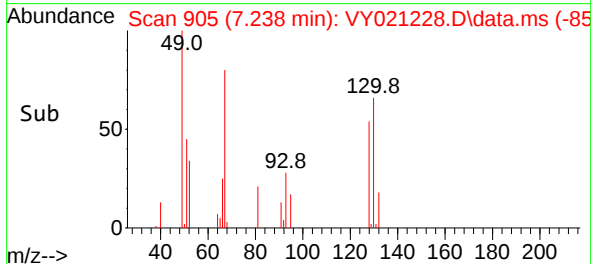


#41
Methacrylonitrile
Concen: 13.727 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

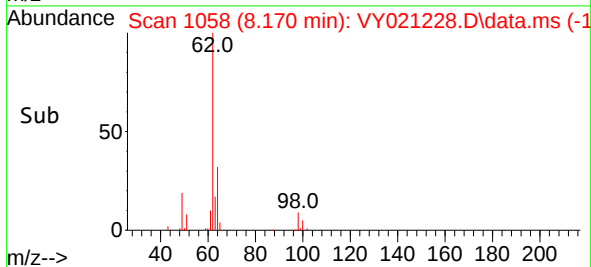
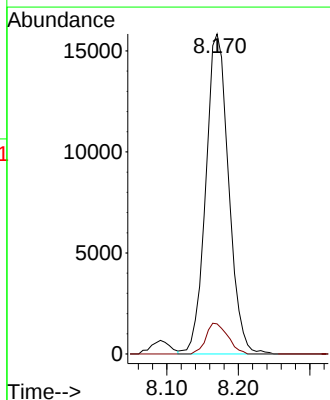
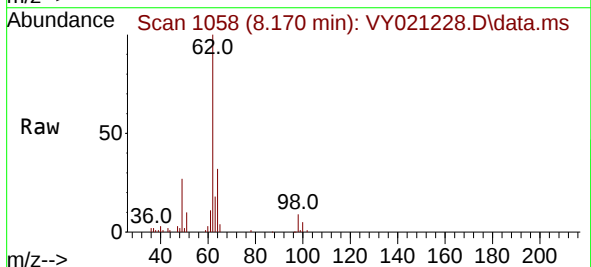


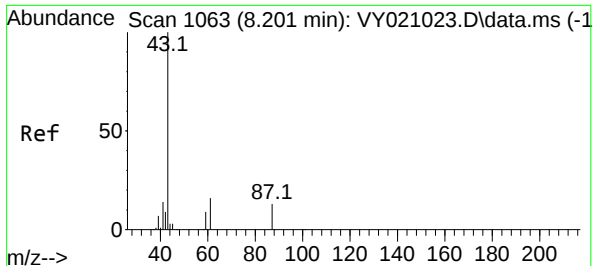
Tgt Ion:	41	Resp:	8116
Ion	Ratio	Lower	Upper
41	100		
39	76.5	41.9	62.9#
67	86.9	59.8	89.6
52	39.9	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 18.533 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion:	62	Resp:	35147
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

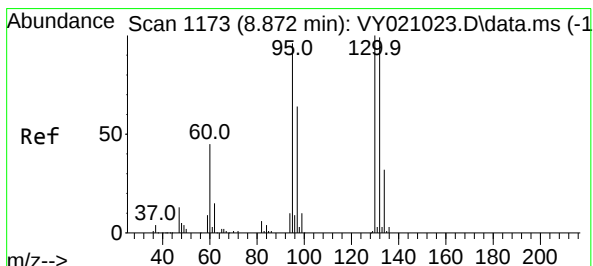
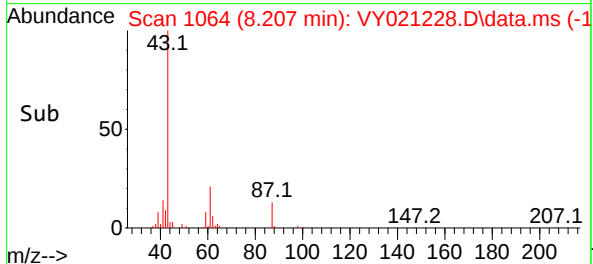
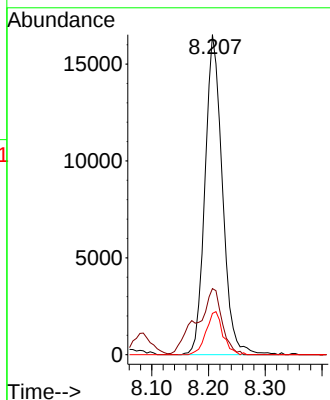
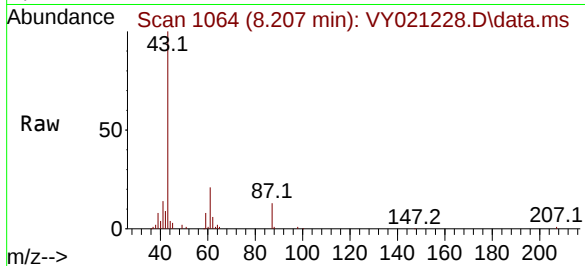




#43
Isopropyl Acetate
Concen: 17.287 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

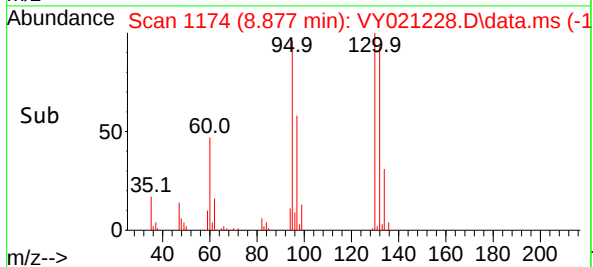
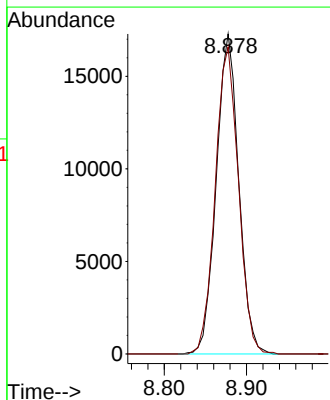
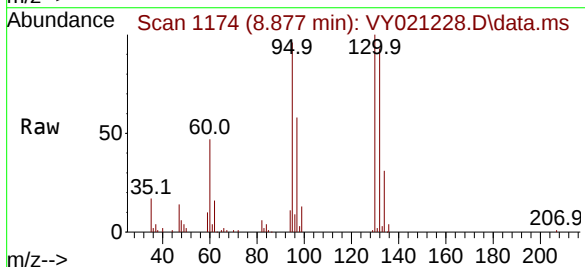
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 35104
Ion Ratio Lower Upper
43 100
61 30.0 24.8 37.2
87 13.0 10.7 16.1



#44
Trichloroethene
Concen: 18.578 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion:130 Resp: 32813
Ion Ratio Lower Upper
130 100
95 96.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.554 ug/l

RT: 9.152 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

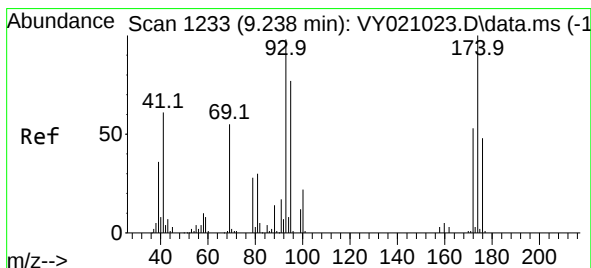
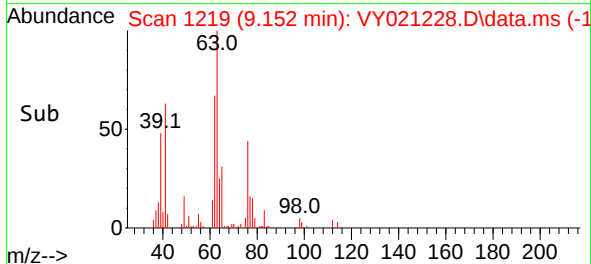
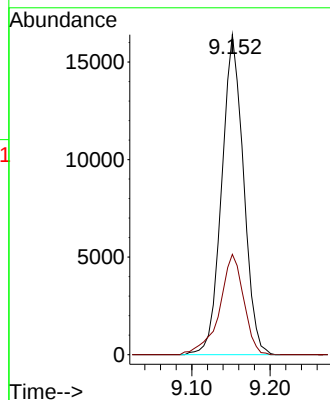
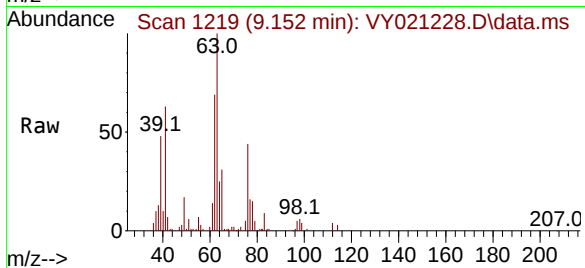
ClientSampleId :

Tgt Ion: 63 Resp: 31728

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 17.494 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

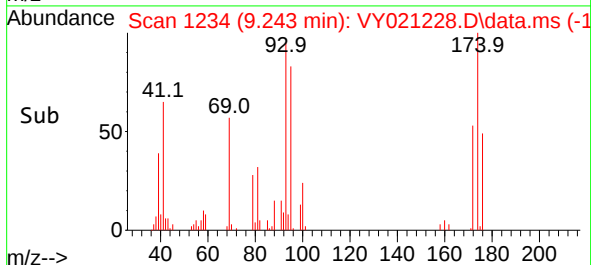
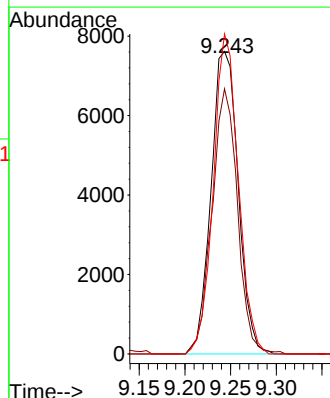
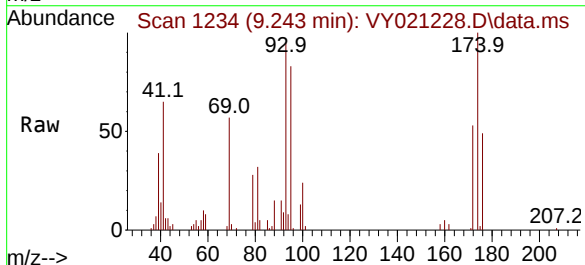
Tgt Ion: 93 Resp: 15717

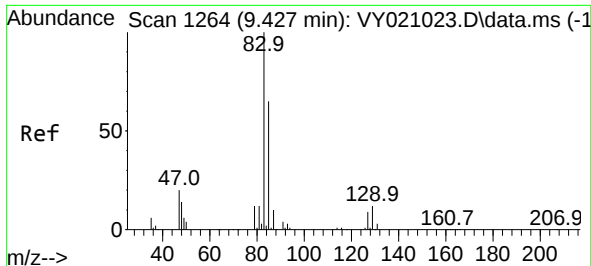
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 97.4 73.8 110.6

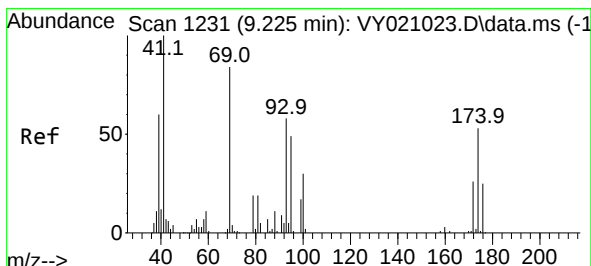
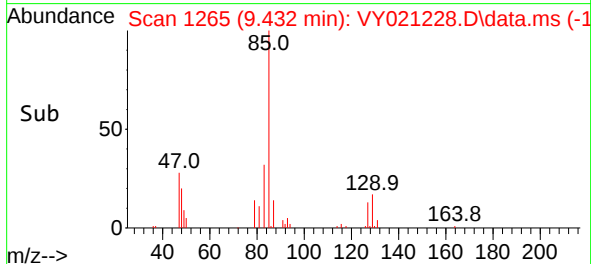
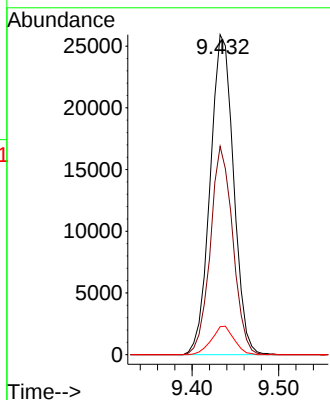
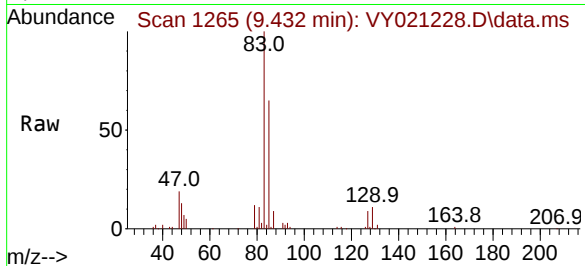




#47
Bromodichloromethane
Concen: 20.209 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

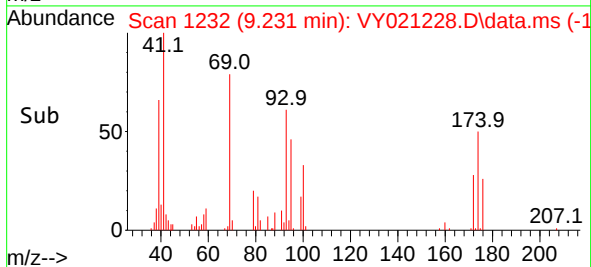
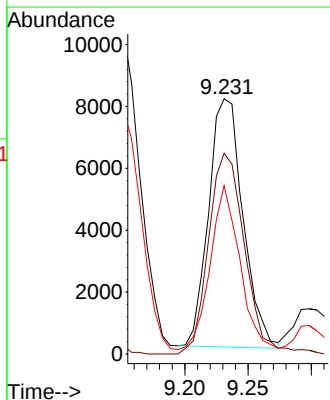
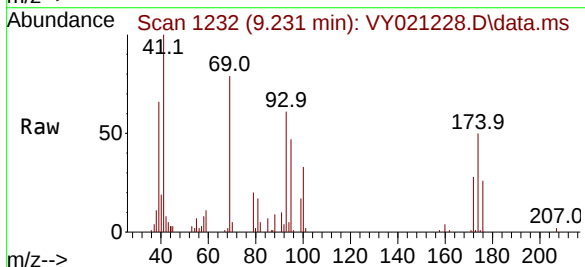
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 48694
Ion Ratio Lower Upper
83 100
85 65.1 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 16.369 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 41 Resp: 15141
Ion Ratio Lower Upper
41 100
69 85.0 72.1 108.1
39 57.4 42.8 64.2





#49

1,4-Dioxane

Concen: 361.571 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

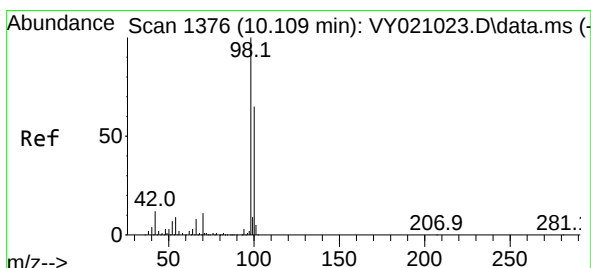
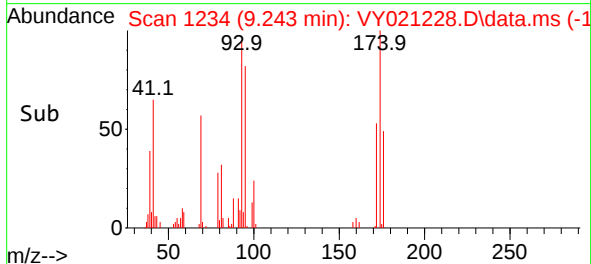
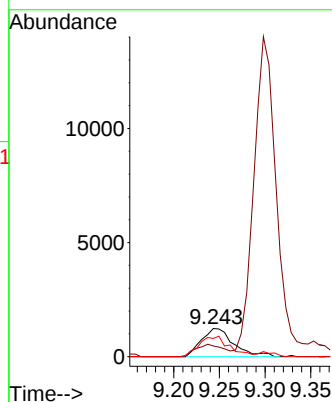
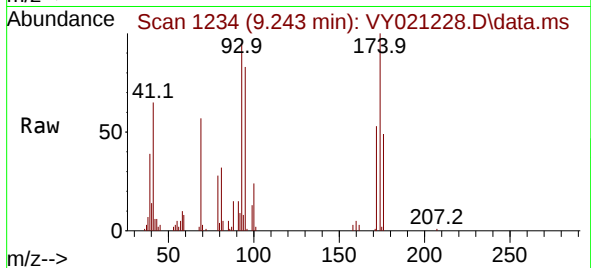
Tgt Ion: 88 Resp: 3024

Ion Ratio Lower Upper

88 100

43 37.6 28.2 42.4

58 67.7 52.2 78.2



#50

Toluene-d8

Concen: 50.957 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021228.D

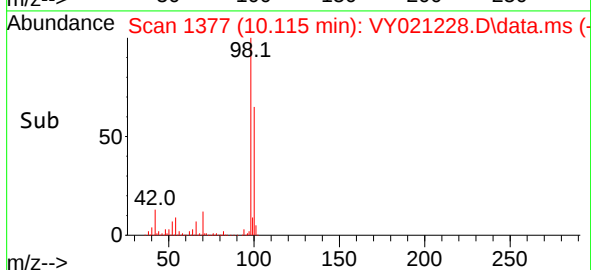
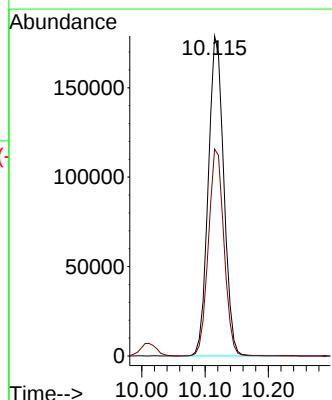
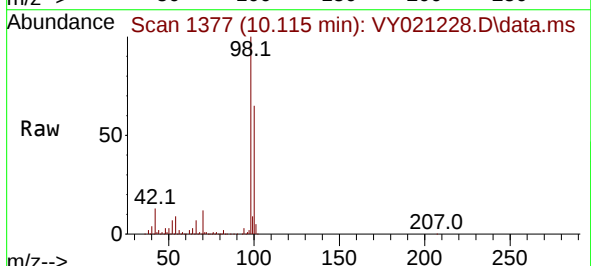
Acq: 18 Feb 2025 13:07

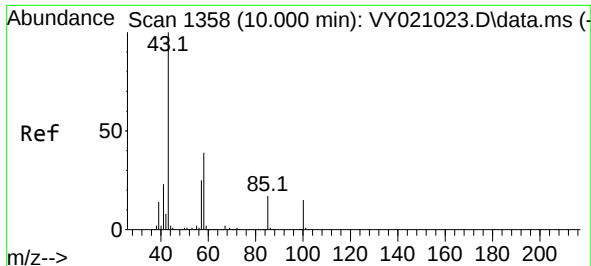
Tgt Ion: 98 Resp: 305113

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

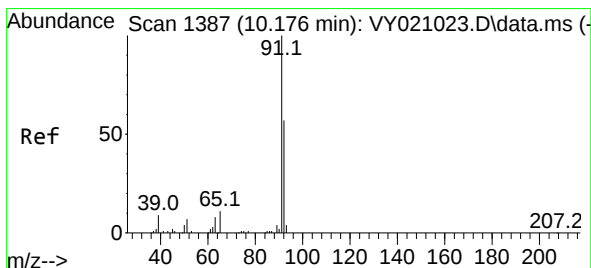
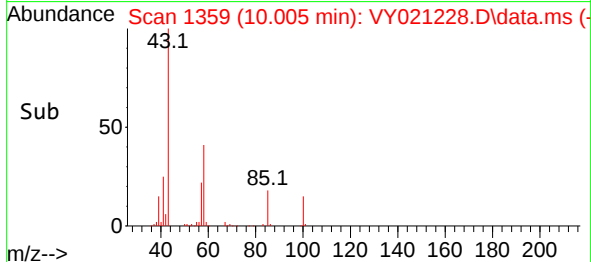
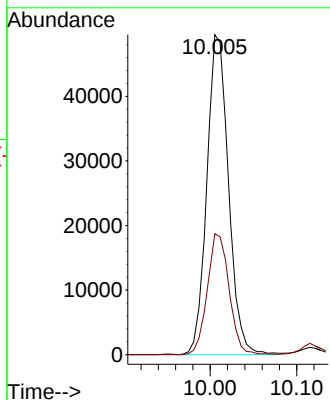
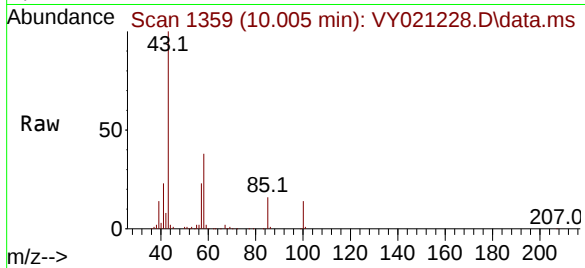




#51
4-Methyl-2-Pentanone
Concen: 84.385 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

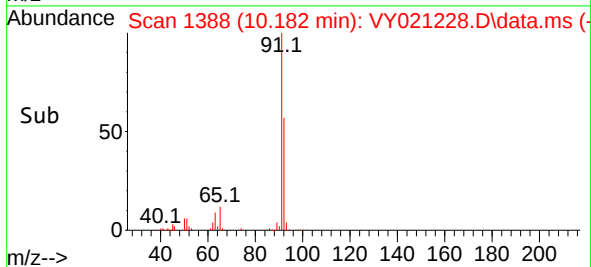
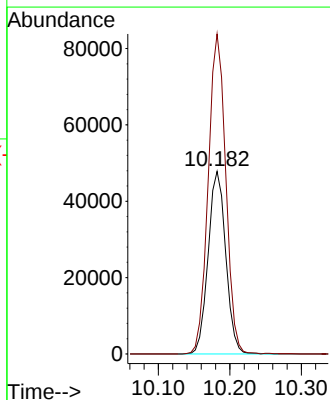
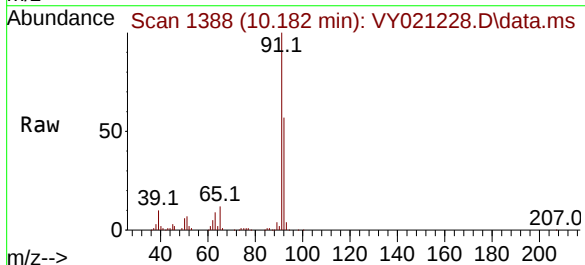
Instrument :
MSVOA_Y
ClientSampleId :

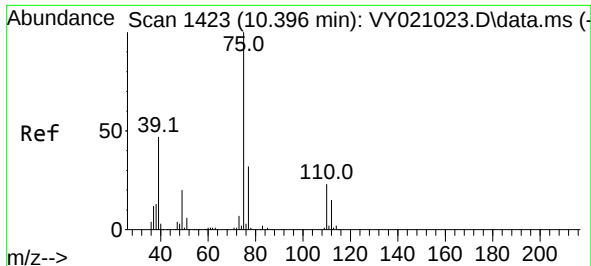
Tgt Ion: 43 Resp: 86169
Ion Ratio Lower Upper
43 100
58 38.0 32.2 48.2



#52
Toluene
Concen: 19.054 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 92 Resp: 81790
Ion Ratio Lower Upper
92 100
91 174.6 137.6 206.4

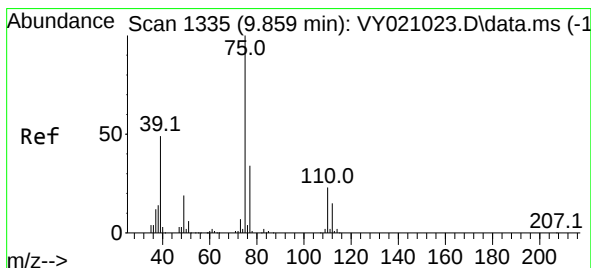
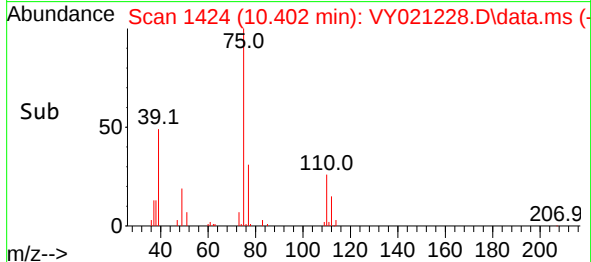
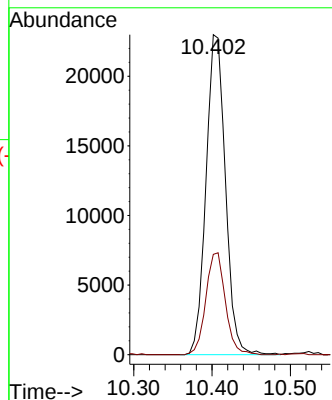
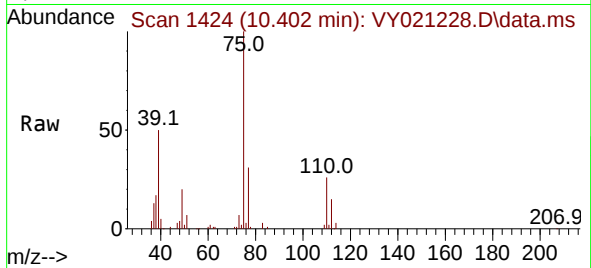




#53
 t-1,3-Dichloropropene
 Concen: 18.267 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

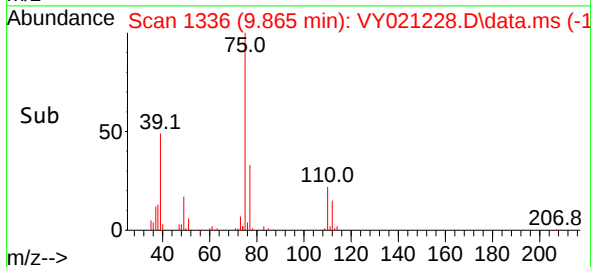
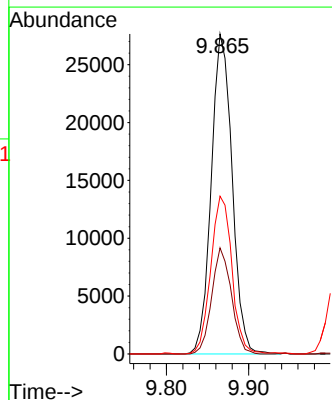
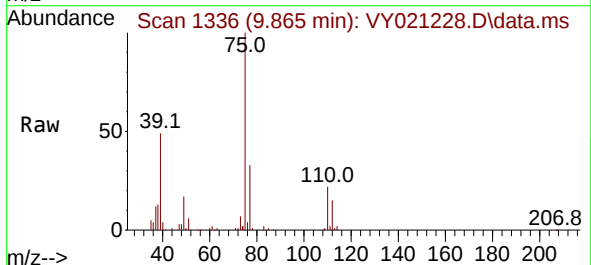
Instrument :
 MSVOA_Y
 ClientSampleId :

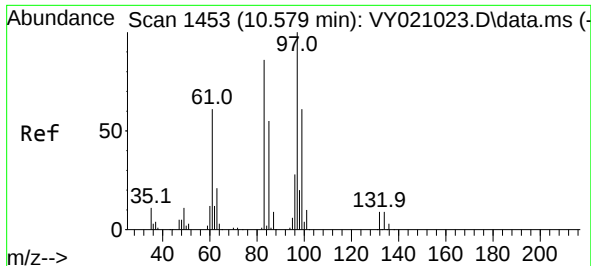
Tgt Ion: 75 Resp: 39522
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.019 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

Tgt Ion: 75 Resp: 48720
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.6 36.8
 39 49.3 33.6 50.4

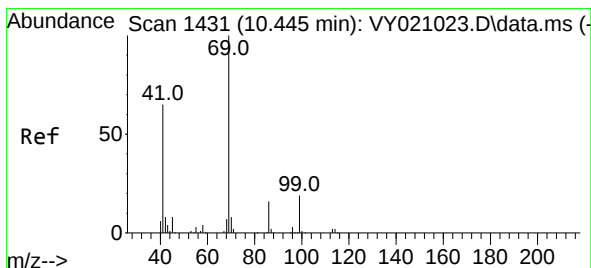
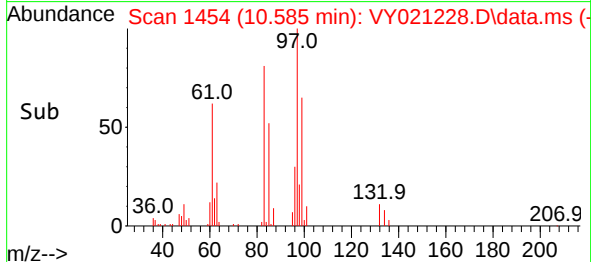
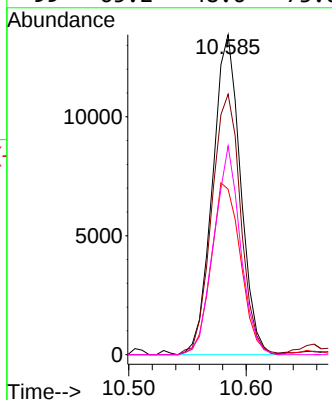
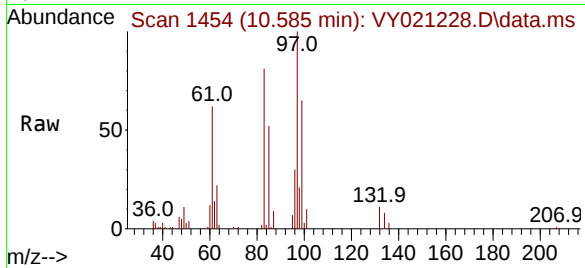




#55
1,1,2-Trichloroethane
Concen: 19.131 ug/l
RT: 10.585 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

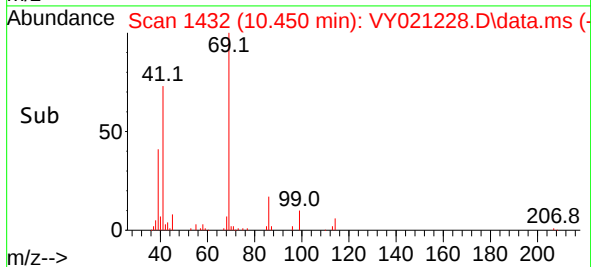
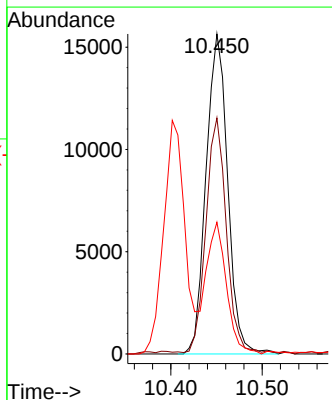
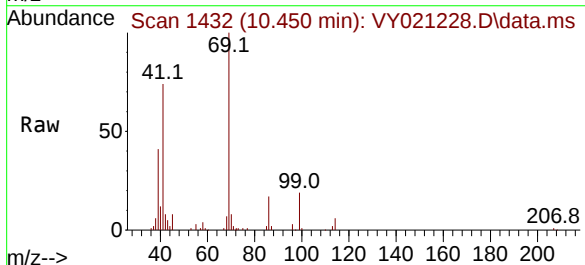
Instrument :
MSVOA_Y
ClientSampleId :

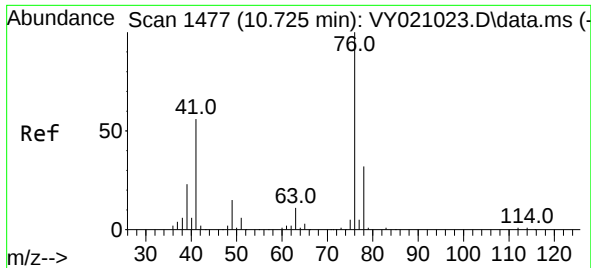
Tgt Ion: 97	Resp: 22257
Ion Ratio	Lower Upper
97 100	
83 81.4	69.4 104.2
85 51.7	43.9 65.9
99 65.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 16.494 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 69	Resp: 25670
Ion Ratio	Lower Upper
69 100	
41 69.0	49.2 73.8
39 39.9	26.8 40.2

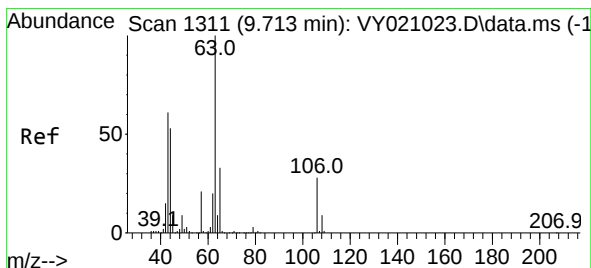
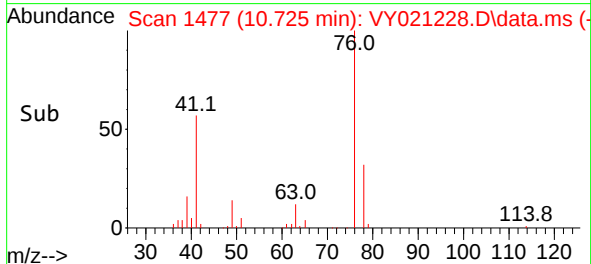
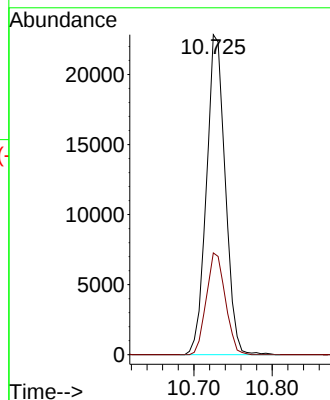
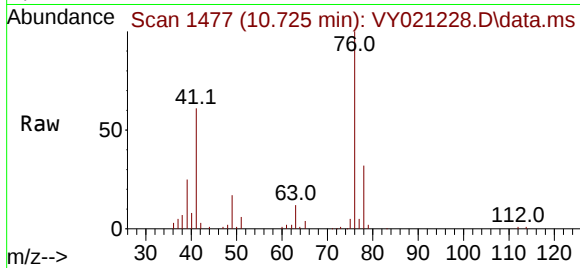




#57
1,3-Dichloropropane
Concen: 18.884 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

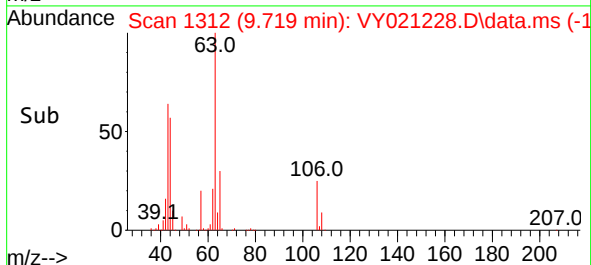
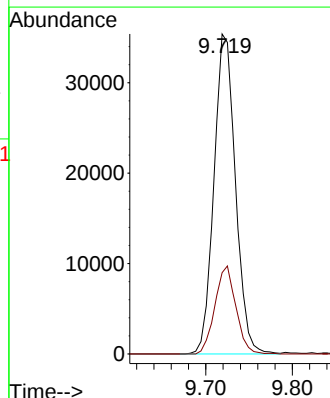
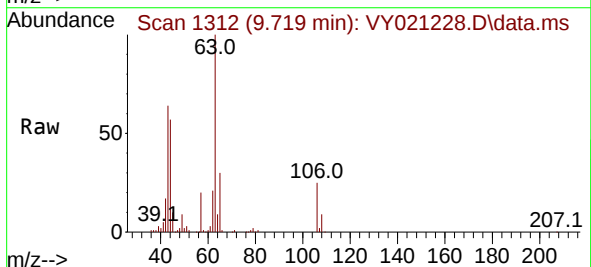
Instrument :
MSVOA_Y
ClientSampleId :

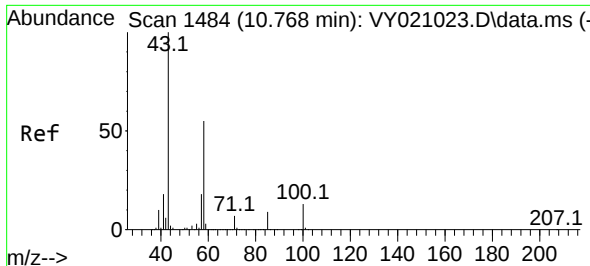
Tgt Ion: 76 Resp: 38027
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 82.364 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 63 Resp: 60984
Ion Ratio Lower Upper
63 100
106 26.8 22.4 33.6

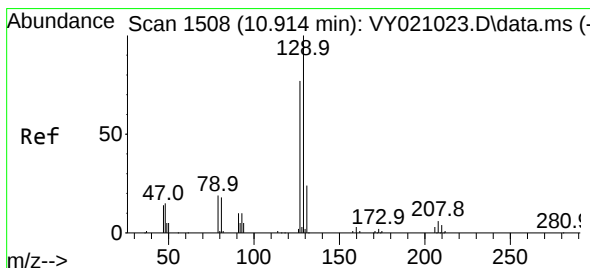
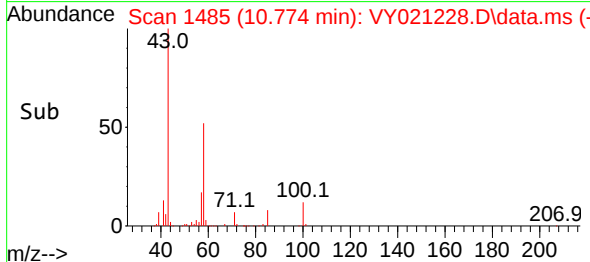
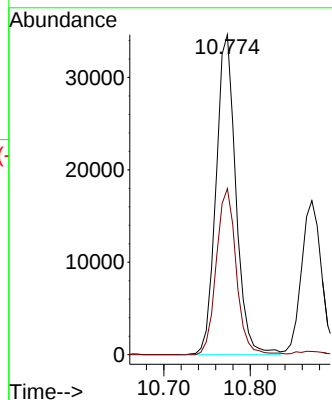
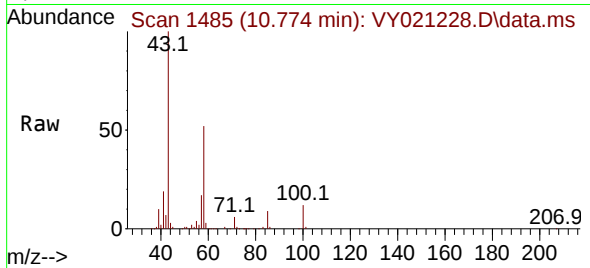




#59
2-Hexanone
Concen: 83.547 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

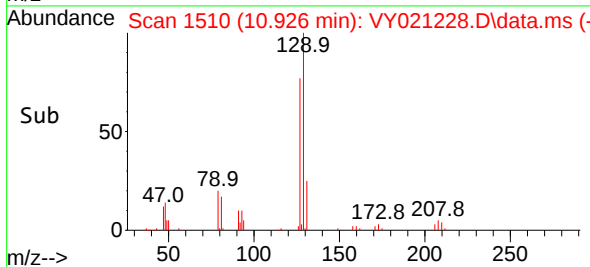
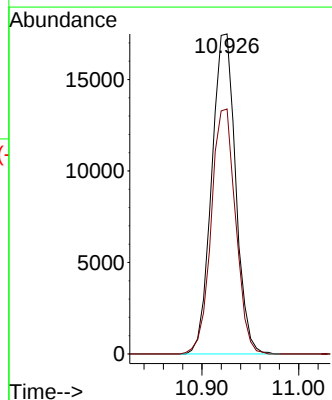
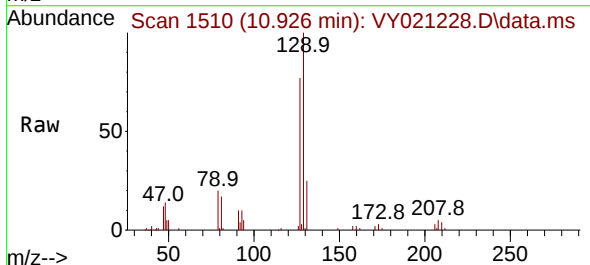
Instrument :
MSVOA_Y
ClientSampleId :

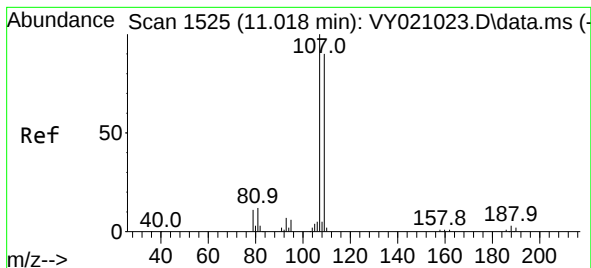
Tgt Ion: 43 Resp: 54930
Ion Ratio Lower Upper
43 100
58 52.2 28.1 84.3



#60
Dibromochloromethane
Concen: 18.446 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 129 Resp: 30137
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 17.691 ug/l

RT: 11.023 min Scan# 1526

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

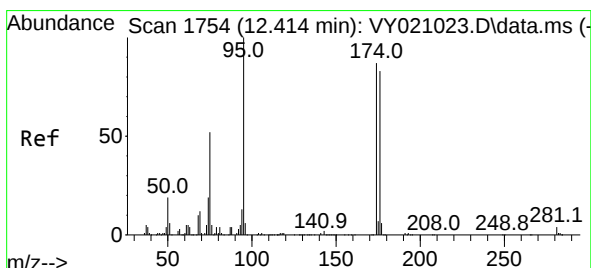
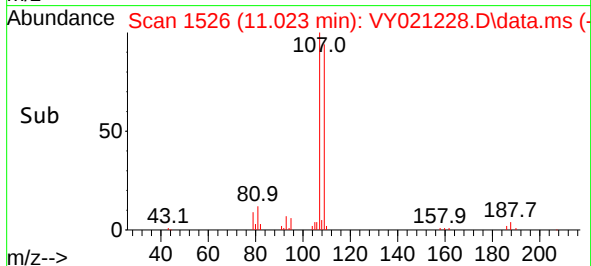
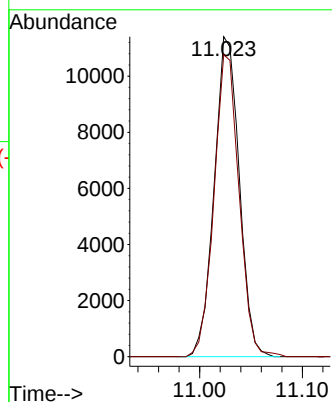
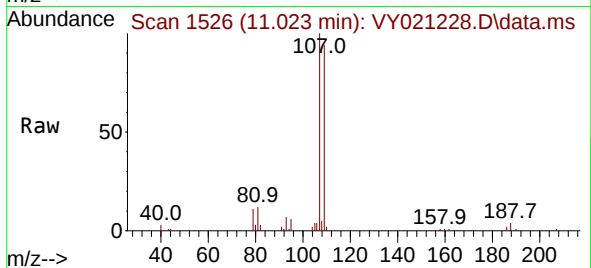
ClientSampleId :

Tgt Ion:107 Resp: 19278

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.984 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

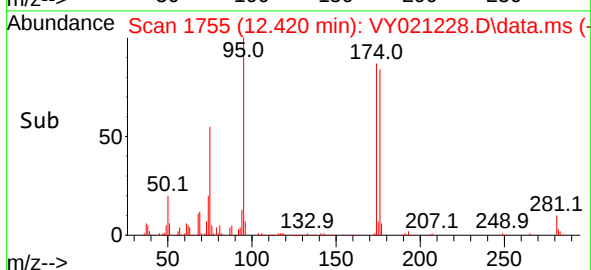
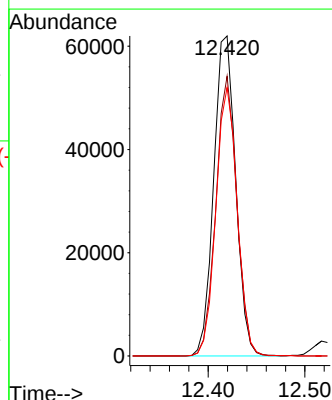
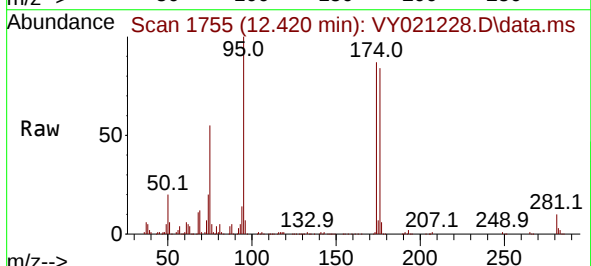
Tgt Ion: 95 Resp: 97775

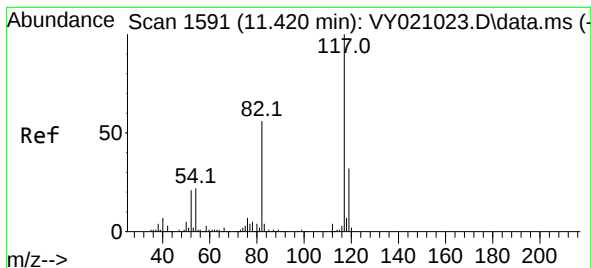
Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.0

176 81.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

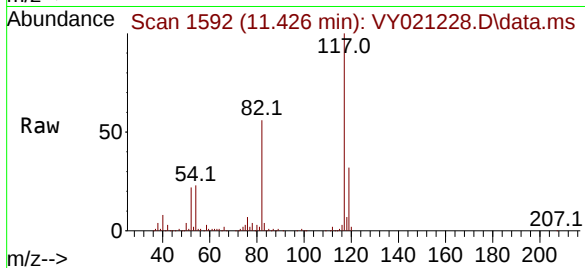
Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :



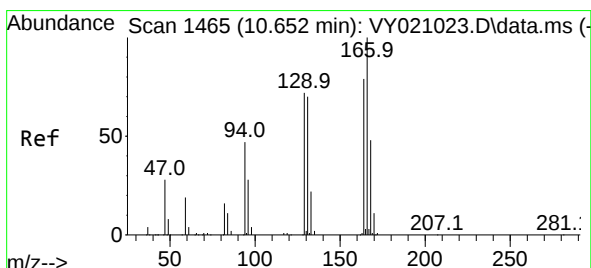
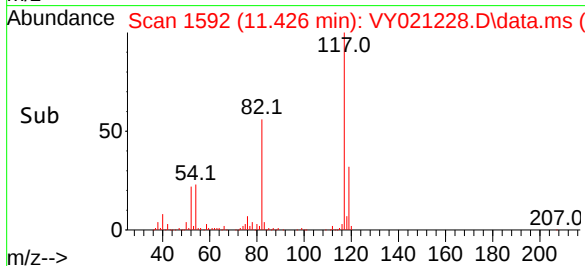
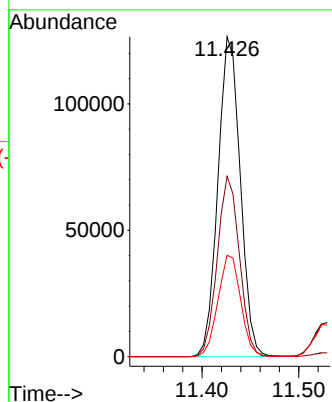
Tgt Ion:117 Resp: 202901

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 18.687 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Tgt Ion:164 Resp: 28147

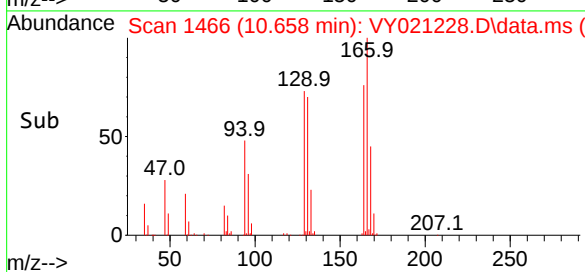
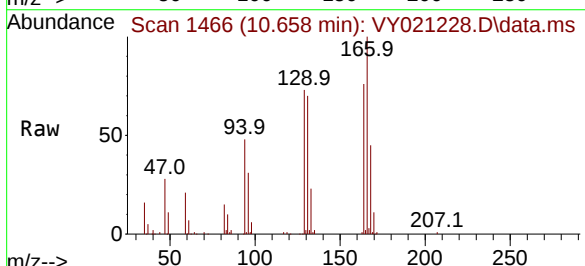
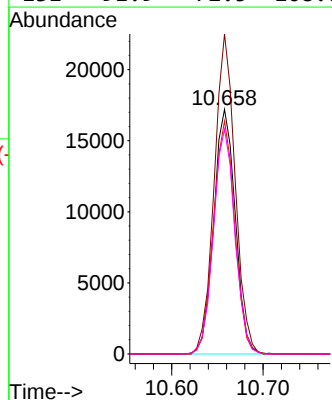
Ion Ratio Lower Upper

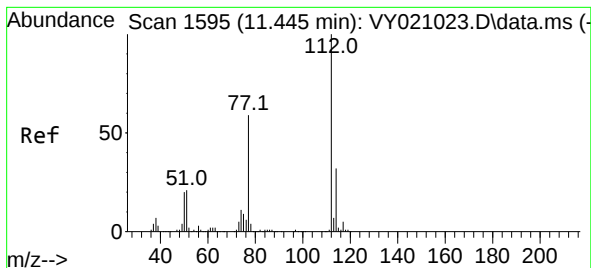
164 100

166 130.8 98.8 148.2

129 95.3 78.9 118.3

131 91.9 72.5 108.7





#65

Chlorobenzene

Concen: 19.641 ug/l

RT: 11.456 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

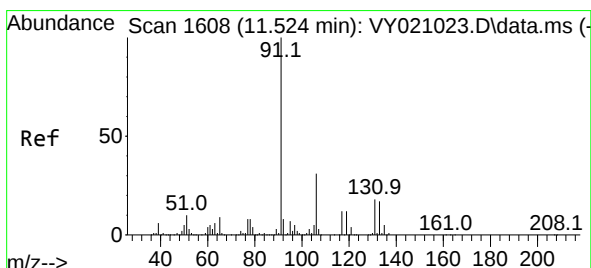
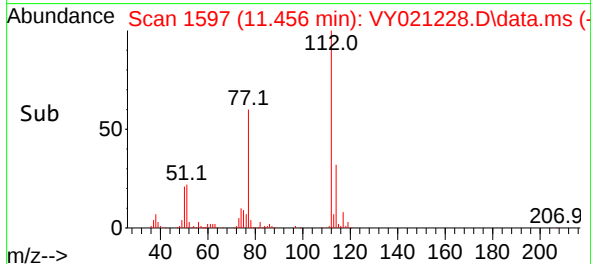
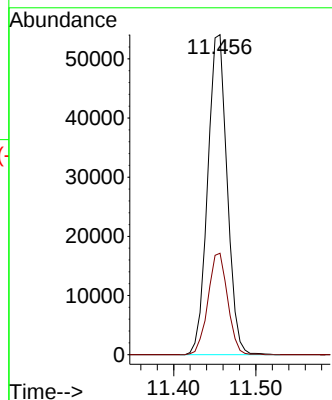
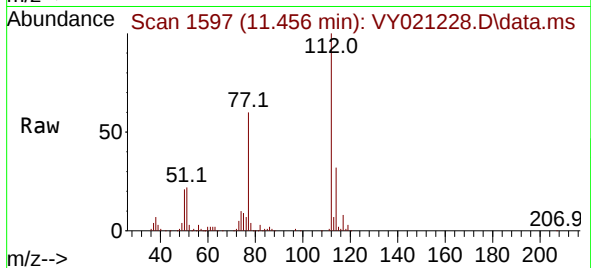
ClientSampleId :

Tgt Ion:112 Resp: 88739

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.421 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

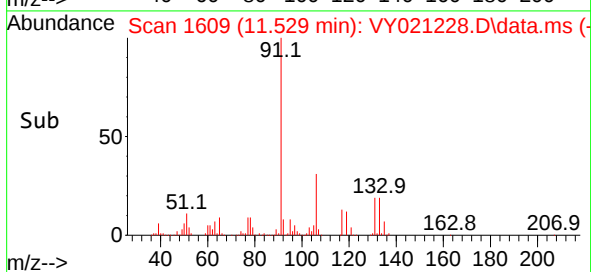
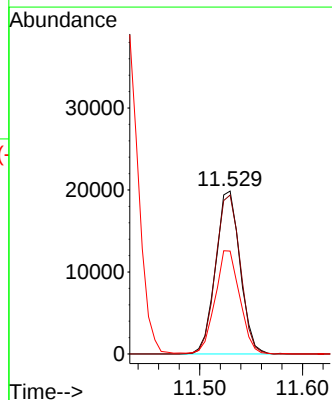
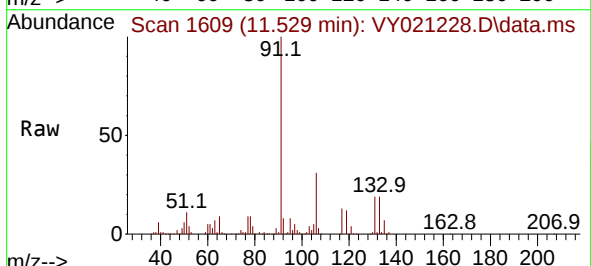
Tgt Ion:131 Resp: 32787

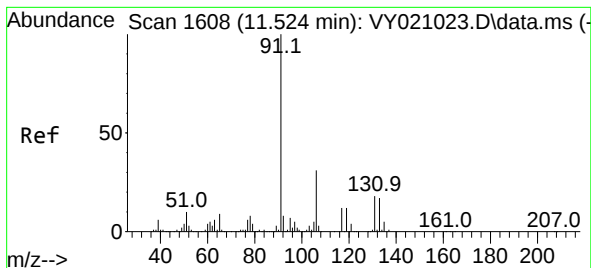
Ion Ratio Lower Upper

131 100

133 98.3 47.0 141.0

119 63.9 33.3 99.9





#67

Ethyl Benzene

Concen: 19.905 ug/l

RT: 11.529 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

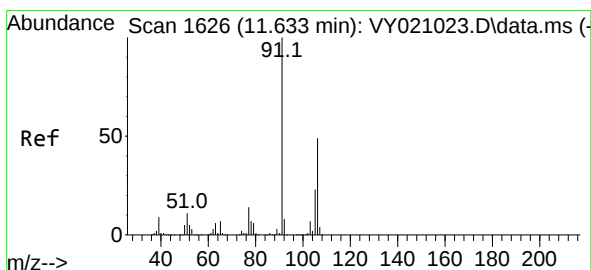
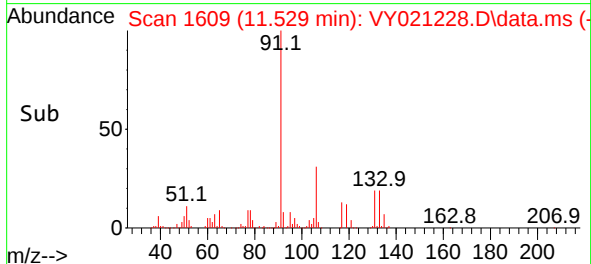
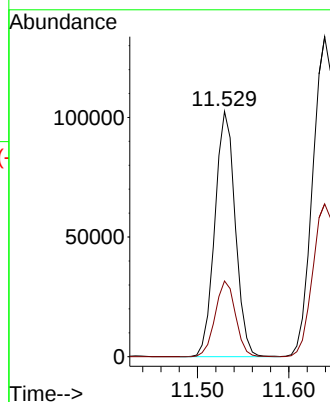
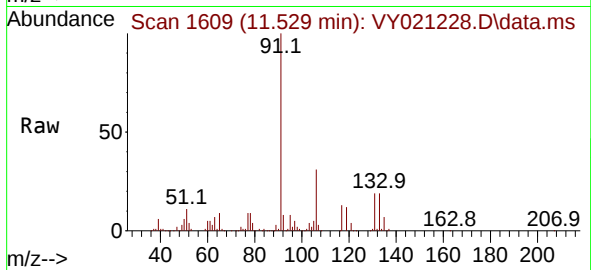
ClientSampleId :

Tgt Ion: 91 Resp: 159058

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 39.686 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021228.D

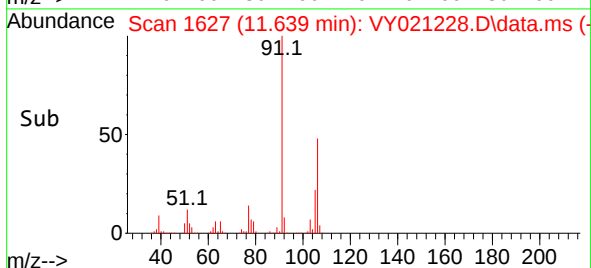
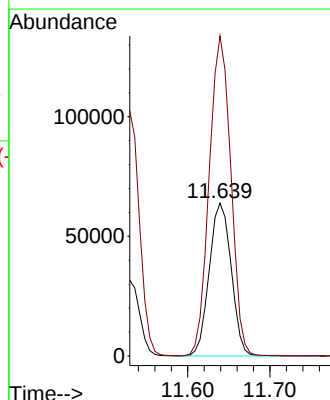
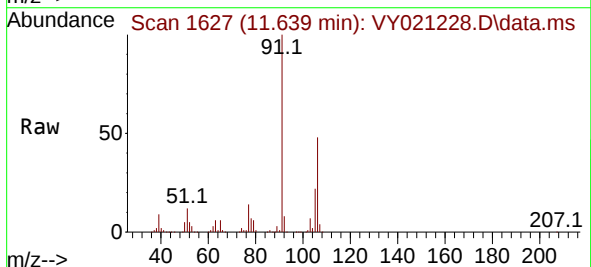
Acq: 18 Feb 2025 13:07

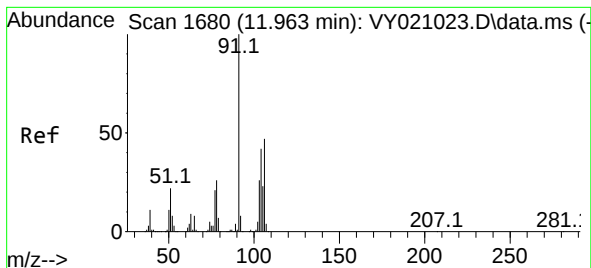
Tgt Ion:106 Resp: 118640

Ion Ratio Lower Upper

106 100

91 206.0 160.7 241.1





#69

o-Xylene

Concen: 19.988 ug/l

RT: 11.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

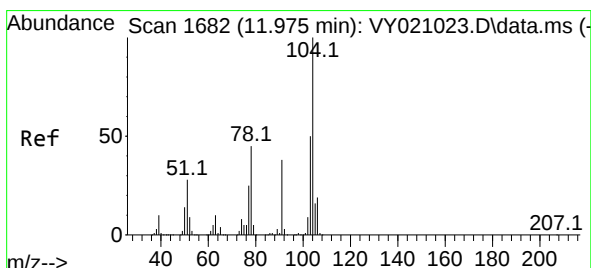
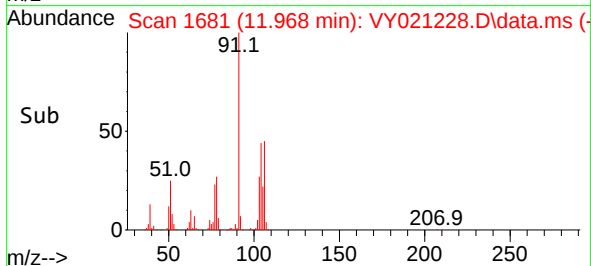
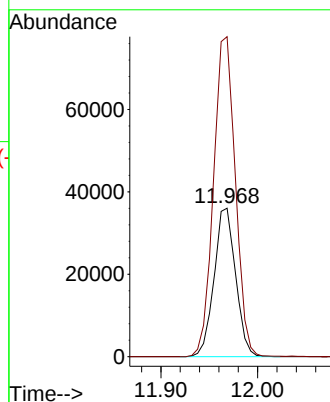
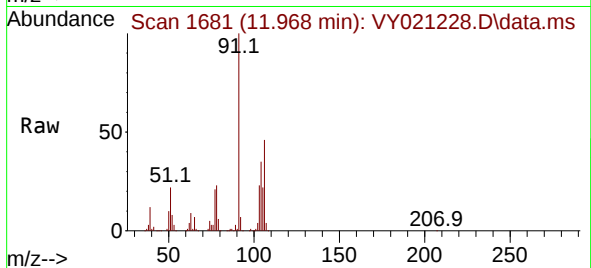
ClientSampleId :

Tgt Ion:106 Resp: 55709

Ion Ratio Lower Upper

106 100

91 218.8 106.5 319.5



#70

Styrene

Concen: 20.122 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

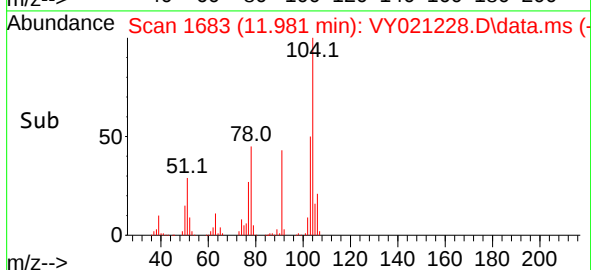
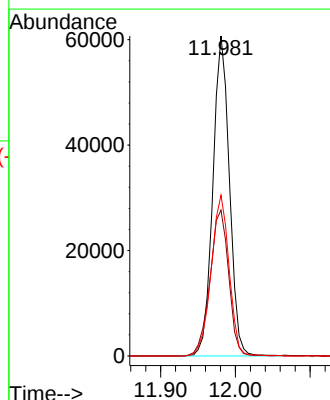
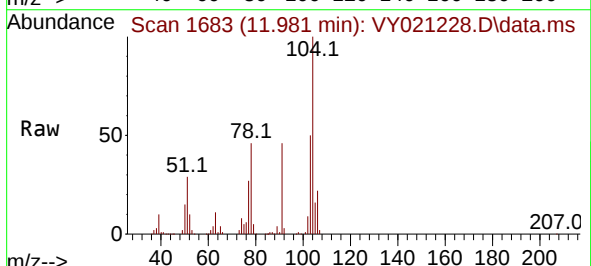
Tgt Ion:104 Resp: 93472

Ion Ratio Lower Upper

104 100

78 51.5 39.2 58.8

103 54.5 43.8 65.6





#71

Bromoform

Concen: 18.883 ug/l

RT: 12.145 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021228.D

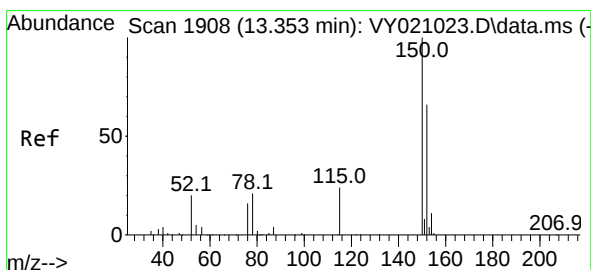
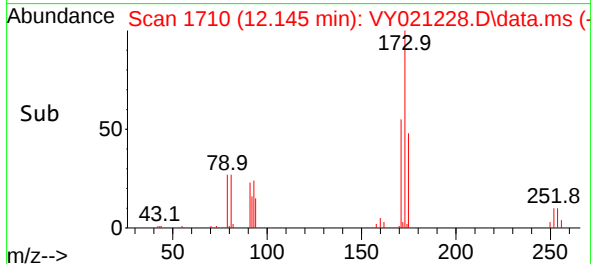
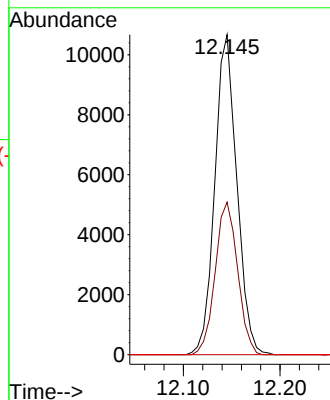
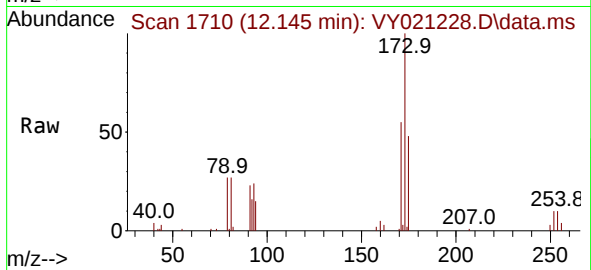
Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	16875
Ion Ratio	Lower	Upper
173	100	
175	48.5	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

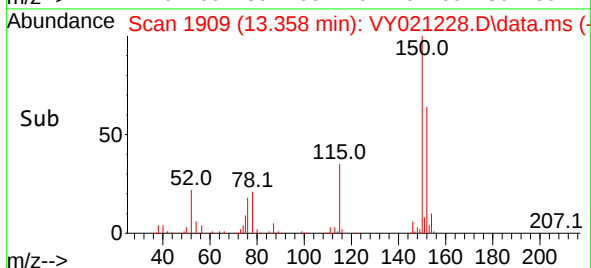
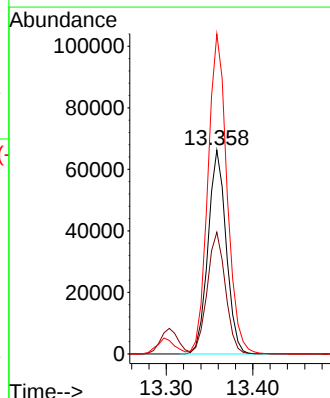
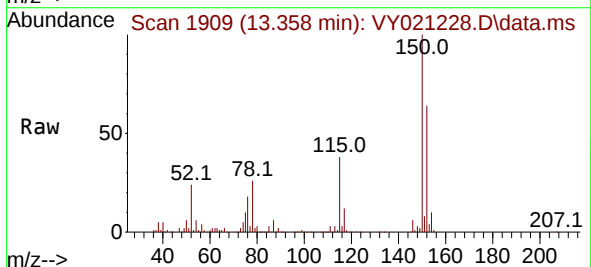
RT: 13.358 min Scan# 1909

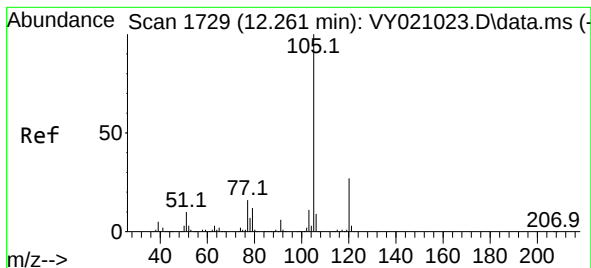
Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Tgt Ion:152	Resp:	96182
Ion Ratio	Lower	Upper
152	100	
115	60.1	30.0 90.0
150	165.9	0.0 344.6





#73

Isopropylbenzene

Concen: 21.171 ug/l

RT: 12.267 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

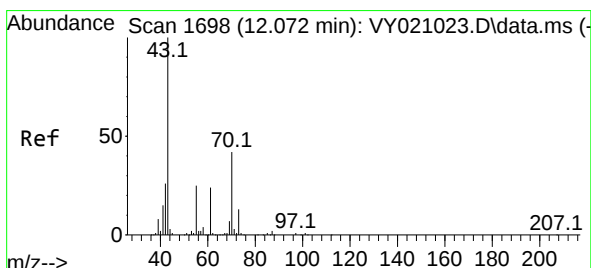
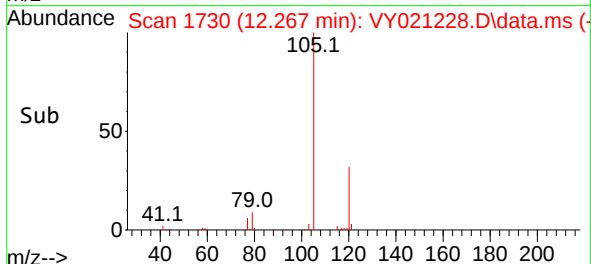
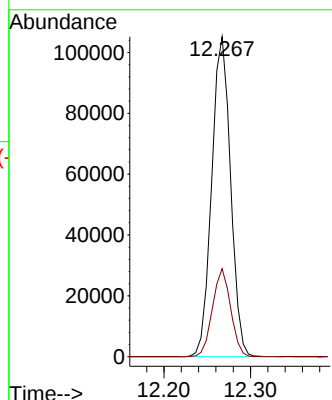
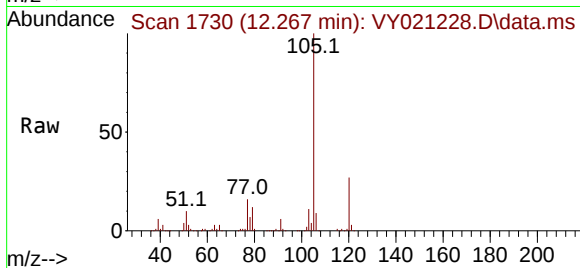
ClientSampleId :

Tgt Ion:105 Resp: 159059

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-amy1 acetate

Concen: 17.755 ug/l

RT: 12.084 min Scan# 1700

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Tgt Ion: 43 Resp: 29164

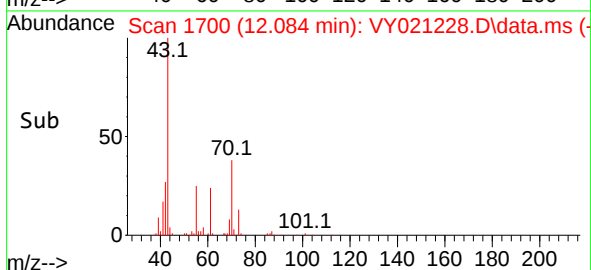
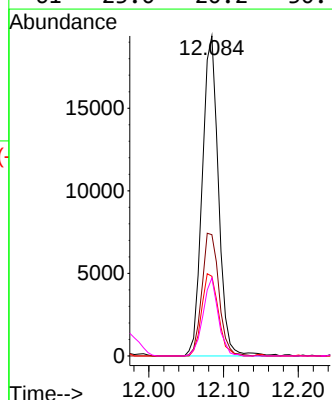
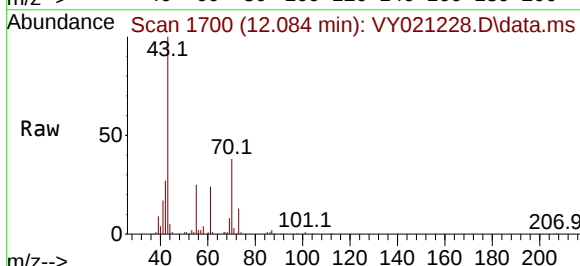
Ion Ratio Lower Upper

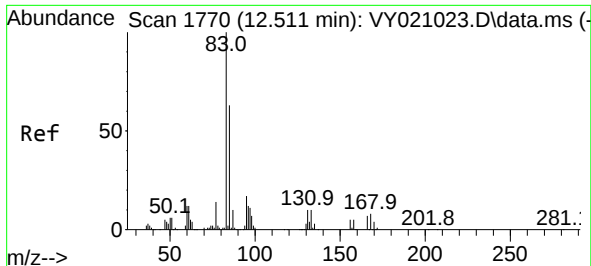
43 100

70 40.2 36.6 55.0

55 26.3 22.2 33.4

61 23.0 20.2 30.4

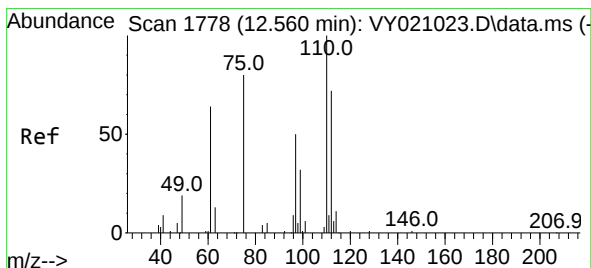
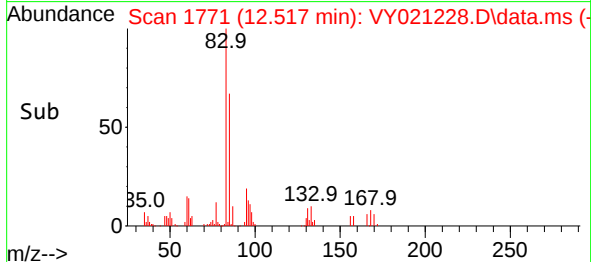
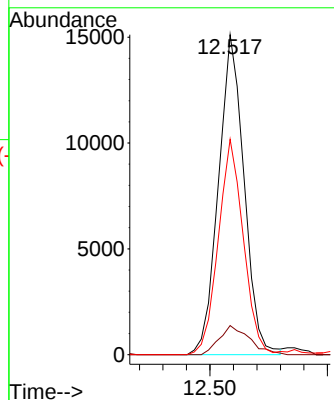
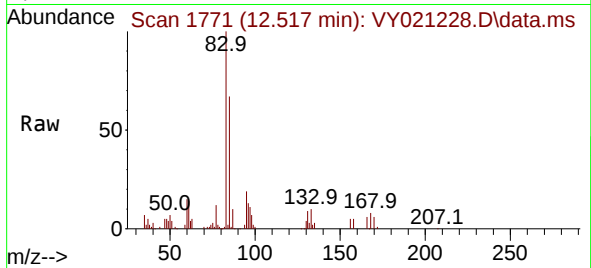




#75
1,1,2,2-Tetrachloroethane
Concen: 18.308 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

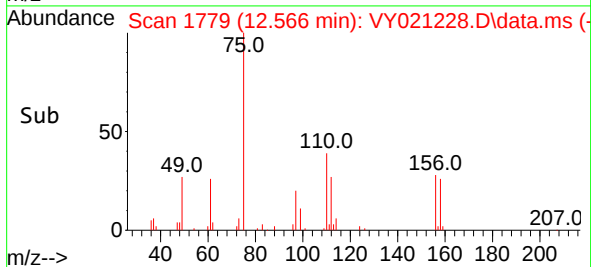
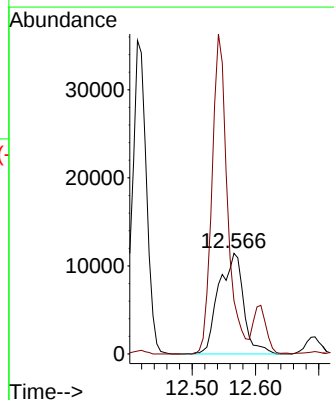
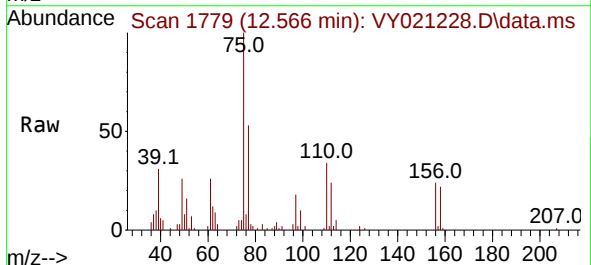
Instrument :
MSVOA_Y
ClientSampleId :

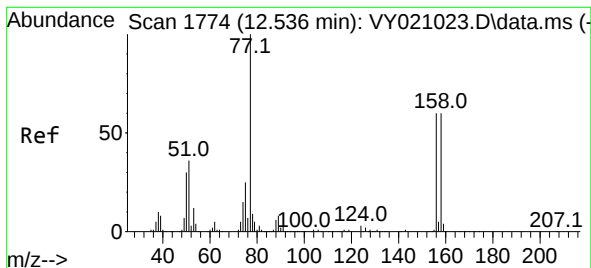
Tgt Ion: 83 Resp: 22876
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.6
85 66.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 35.619 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 75 Resp: 31077
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.018 ug/l

RT: 12.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

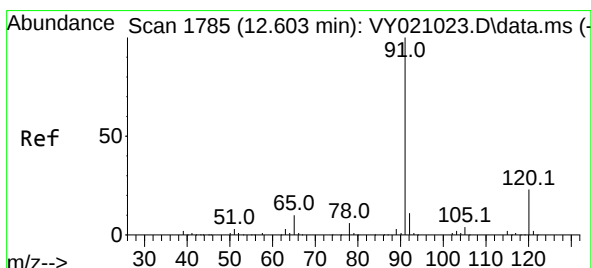
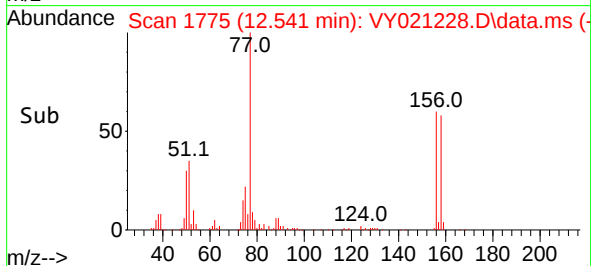
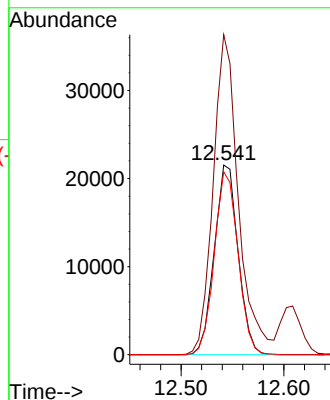
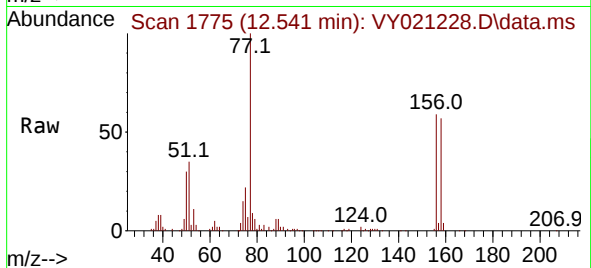
Tgt Ion:156 Resp: 34707

Ion Ratio Lower Upper

156 100

77 179.2 97.3 291.8

158 95.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.532 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VY021228.D

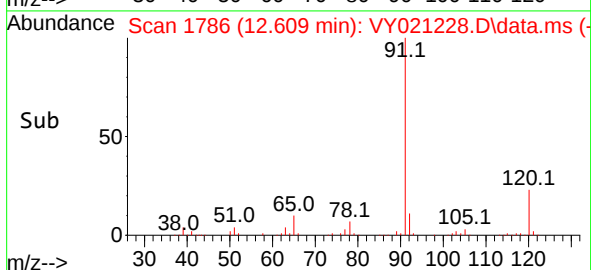
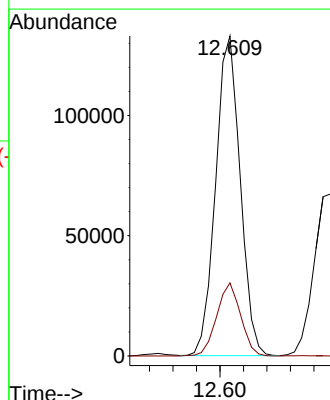
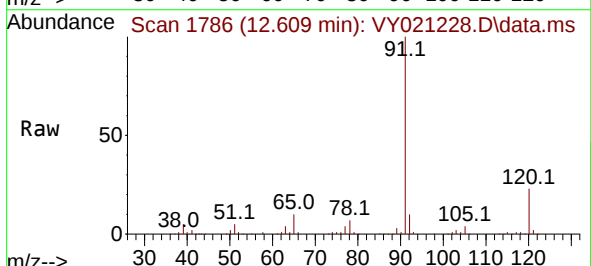
Acq: 18 Feb 2025 13:07

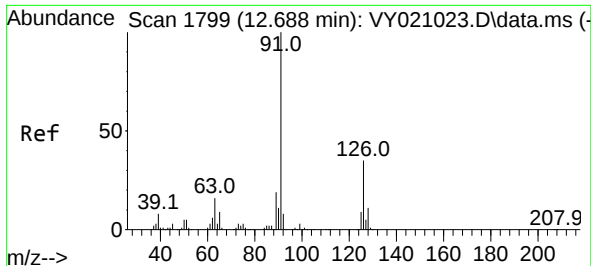
Tgt Ion: 91 Resp: 192712

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.011 ug/l

RT: 12.694 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

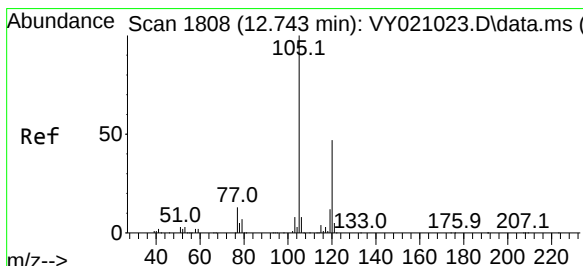
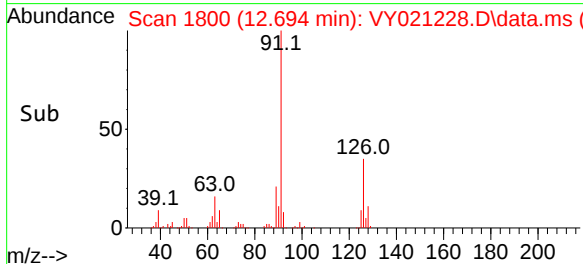
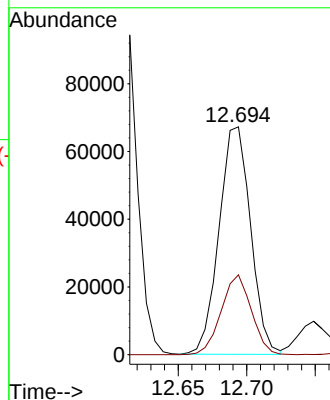
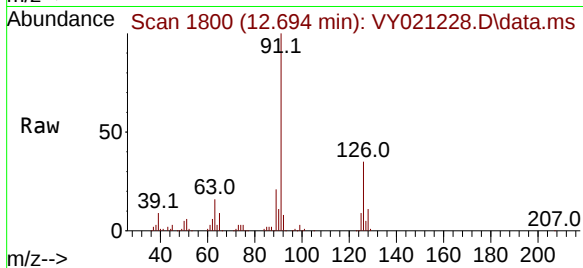
ClientSampleId :

Tgt Ion: 91 Resp: 107702

Ion Ratio Lower Upper

91 100

126 33.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.297 ug/l

RT: 12.749 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VY021228.D

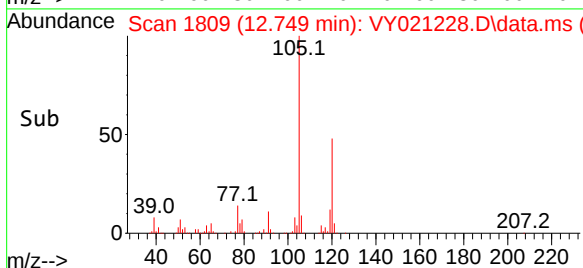
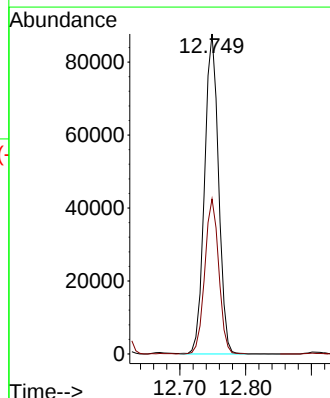
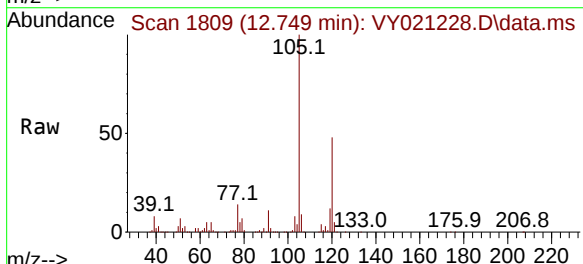
Acq: 18 Feb 2025 13:07

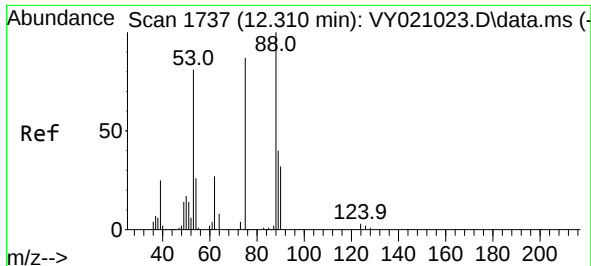
Tgt Ion:105 Resp: 129730

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

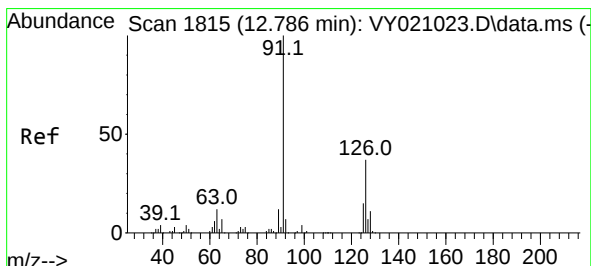
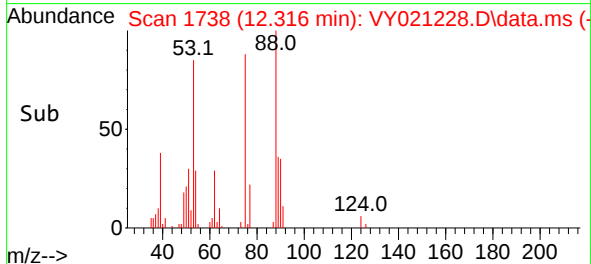
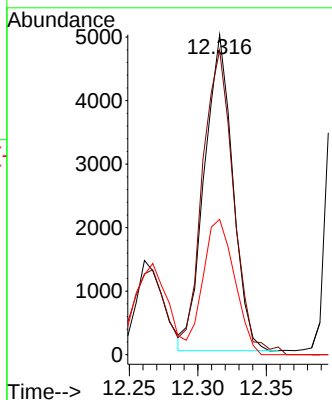
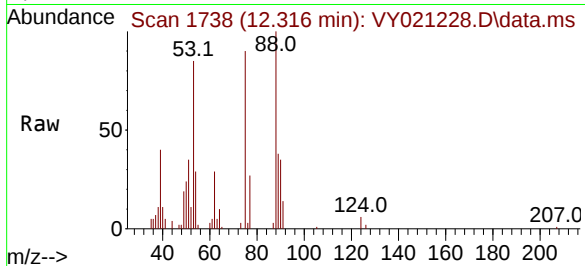




#81
trans-1,4-Dichloro-2-butene
Concen: 16.778 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

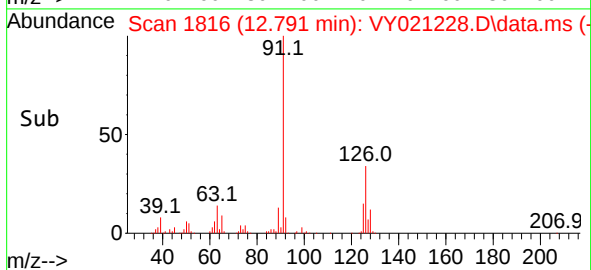
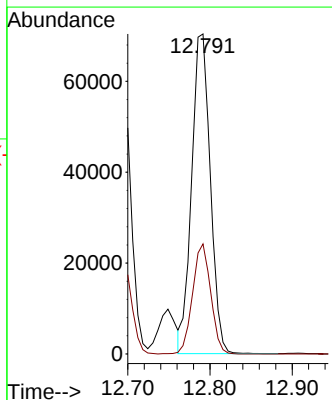
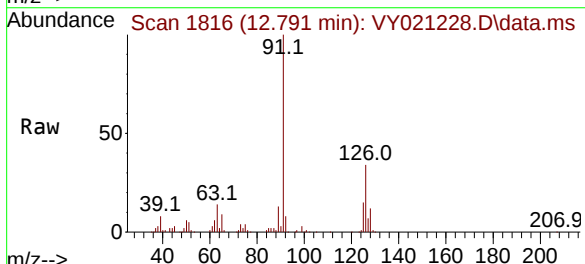
Instrument :
MSVOA_Y
ClientSampleId :

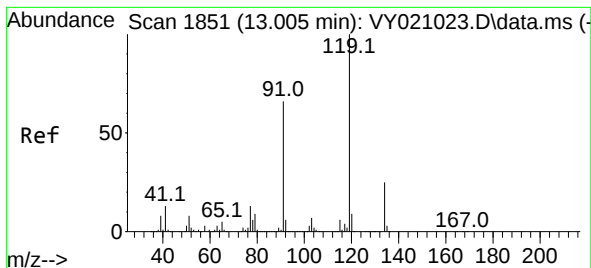
Tgt Ion: 75 Resp: 7174
Ion Ratio Lower Upper
75 100
53 105.5 74.0 111.0
89 47.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.219 ug/l
RT: 12.791 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 91 Resp: 110822
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.787 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

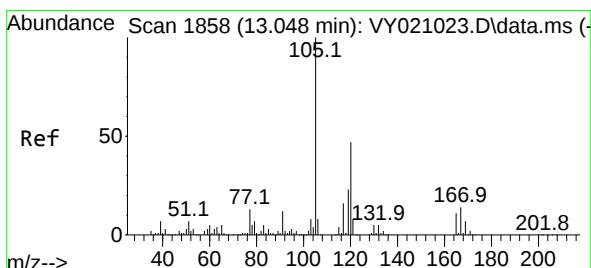
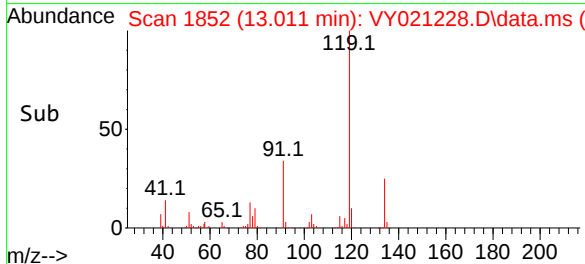
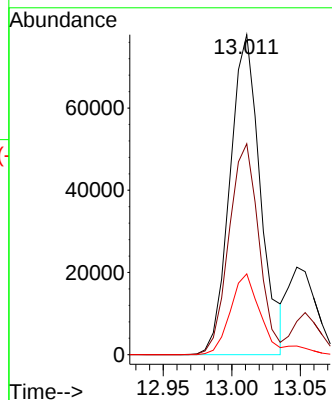
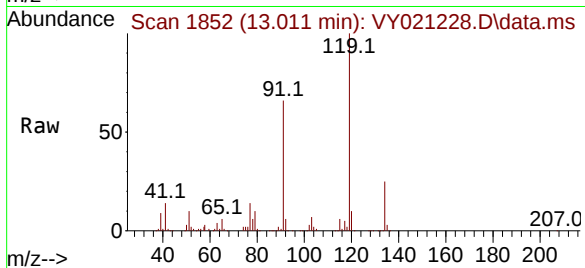
Tgt Ion:119 Resp: 120629

Ion Ratio Lower Upper

119 100

91 64.7 31.5 94.5

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.927 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021228.D

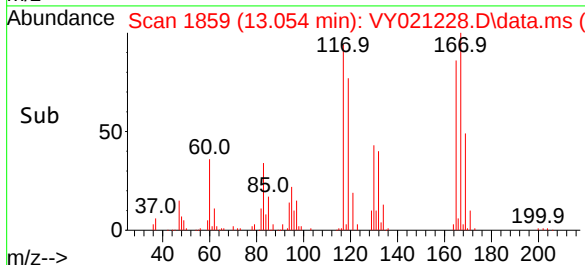
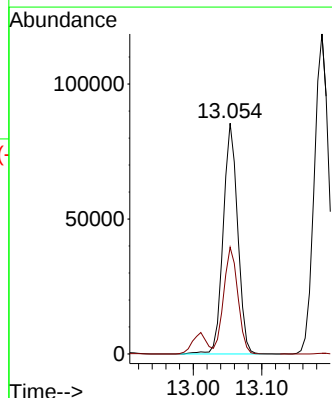
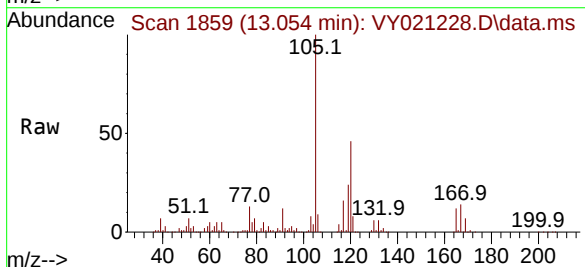
Acq: 18 Feb 2025 13:07

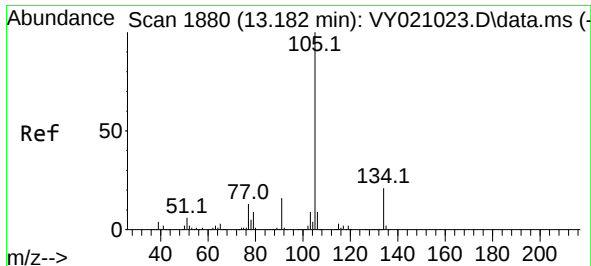
Tgt Ion:105 Resp: 124644

Ion Ratio Lower Upper

105 100

120 45.5 22.1 66.3

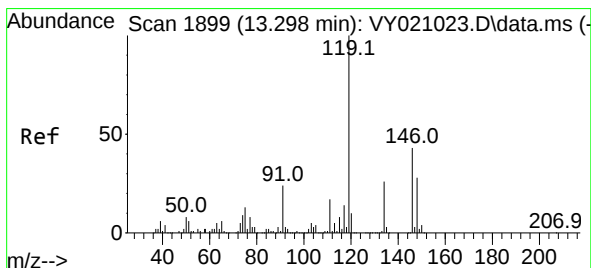
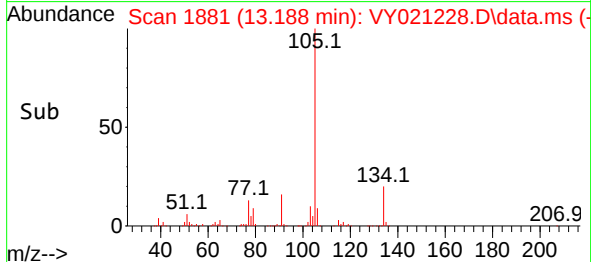
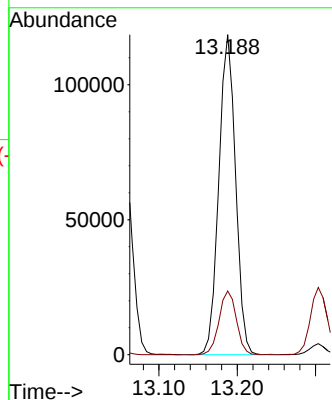
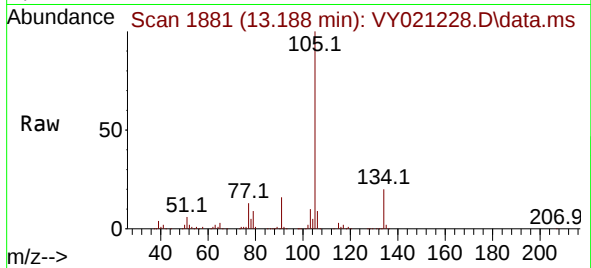




#85
 sec-Butylbenzene
 Concen: 22.118 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

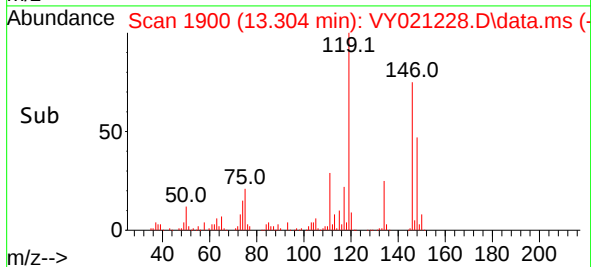
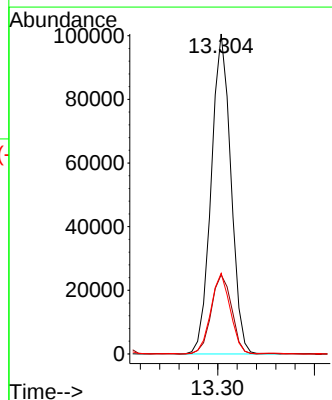
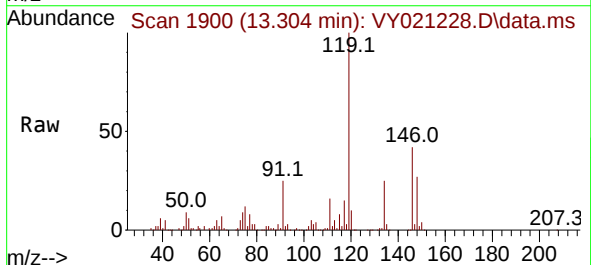
Instrument :
 MSVOA_Y
 ClientSampleId :

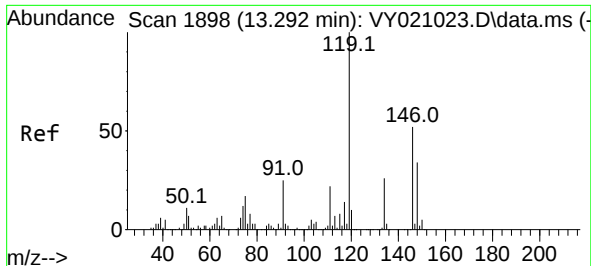
Tgt Ion:105 Resp: 176287
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.480 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY021228.D
 Acq: 18 Feb 2025 13:07

Tgt Ion:119 Resp: 142210
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 25.0 11.7 35.0

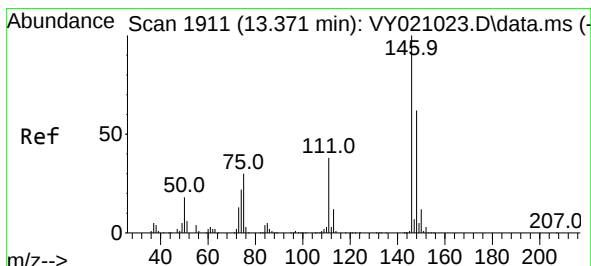
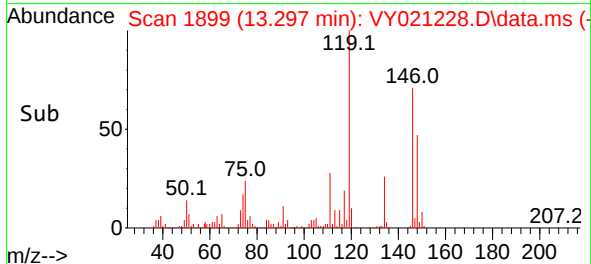
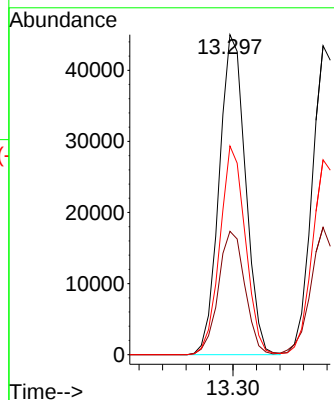
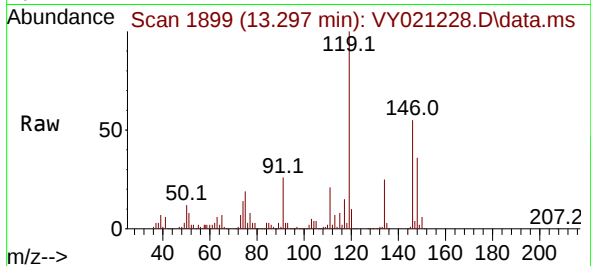




#87
1,3-Dichlorobenzene
Concen: 20.882 ug/l
RT: 13.297 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

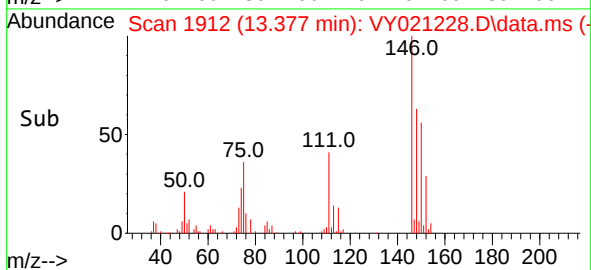
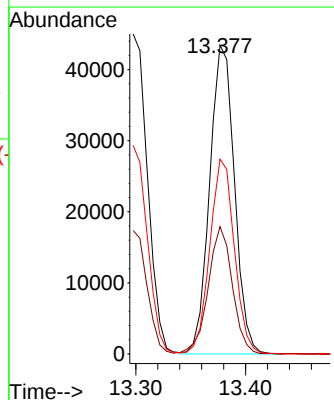
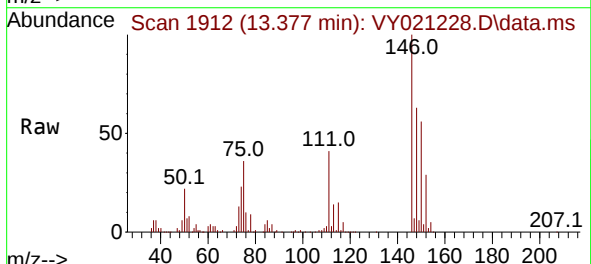
Instrument :
MSVOA_Y
ClientSampleId :

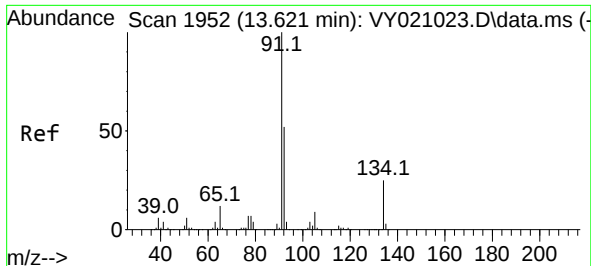
Tgt Ion:146 Resp: 69907
Ion Ratio Lower Upper
146 100
111 39.0 20.2 60.5
148 63.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.740 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion:146 Resp: 68362
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.9
148 62.5 31.6 94.7





#89

n-Butylbenzene

Concen: 22.224 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

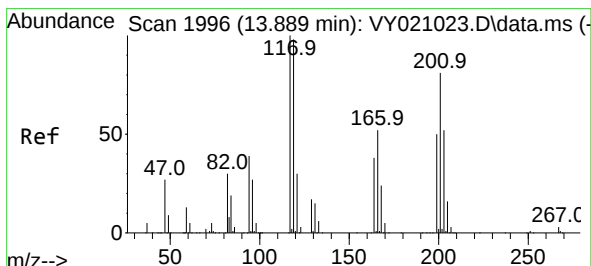
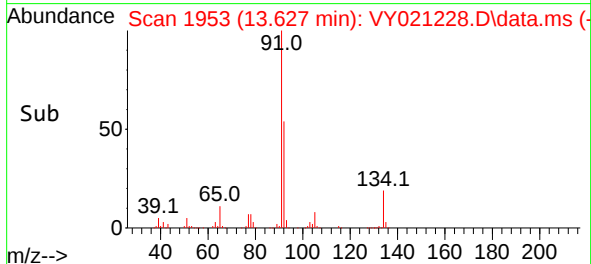
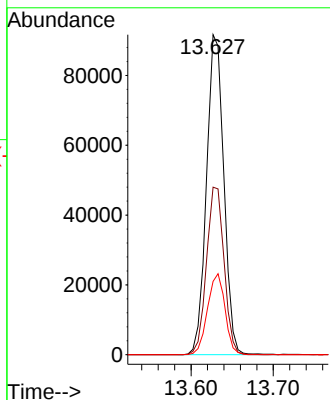
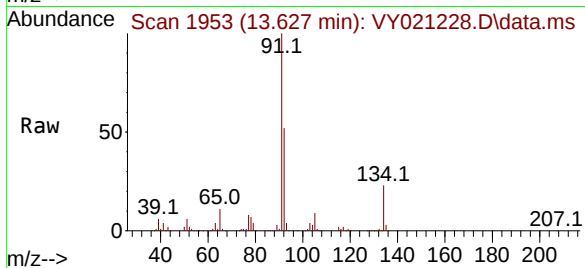
Tgt Ion: 91 Resp: 134229

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.5 12.3 36.8



#90

Hexachloroethane

Concen: 21.452 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021228.D

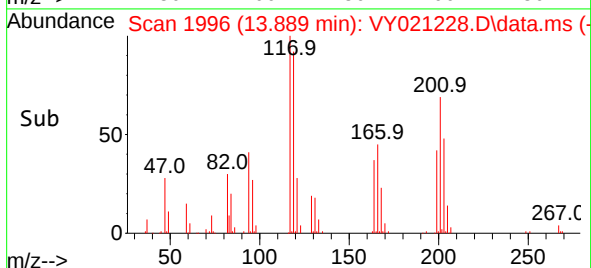
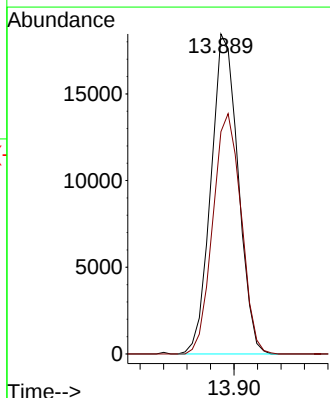
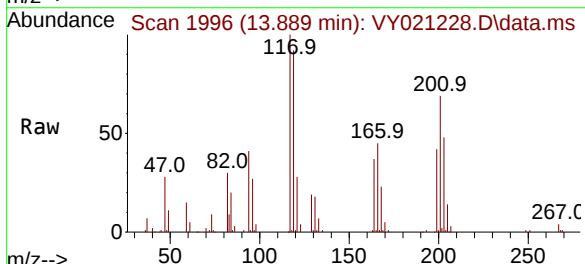
Acq: 18 Feb 2025 13:07

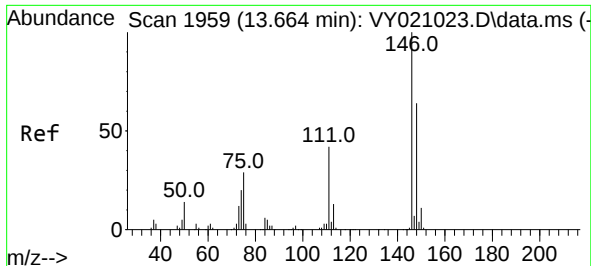
Tgt Ion: 117 Resp: 29629

Ion Ratio Lower Upper

117 100

201 78.1 33.4 100.1

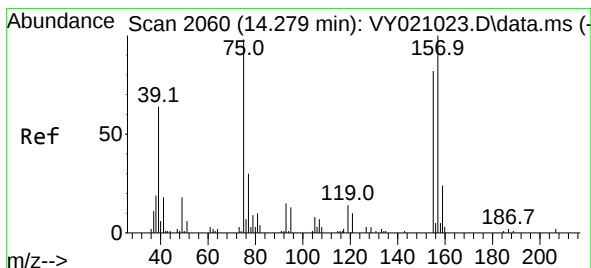
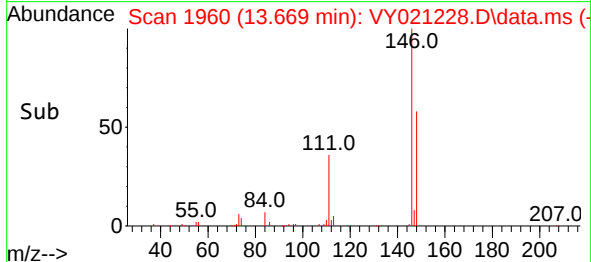
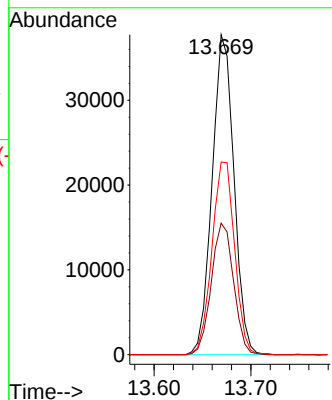
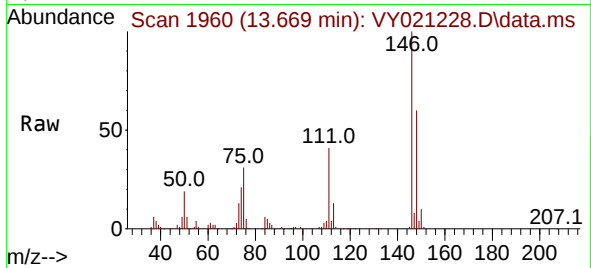




#91
1,2-Dichlorobenzene
Concen: 20.350 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

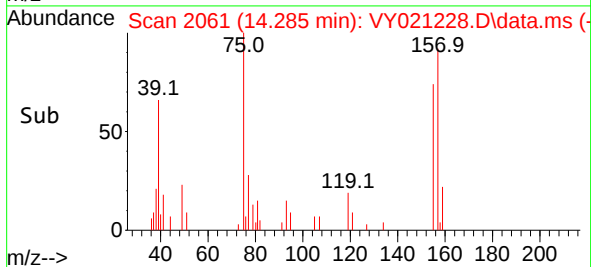
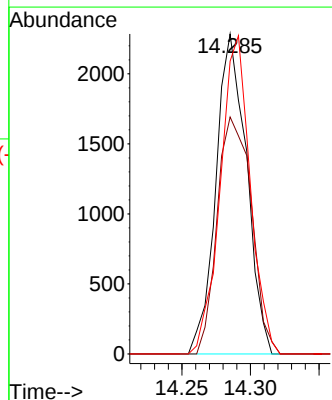
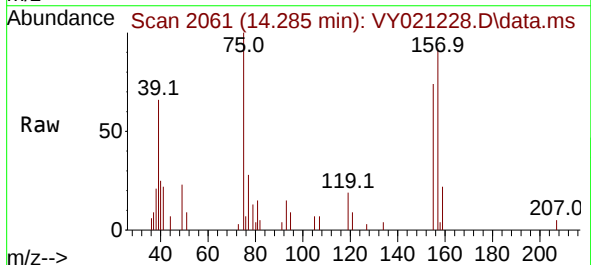
Instrument :
MSVOA_Y
ClientSampleId :

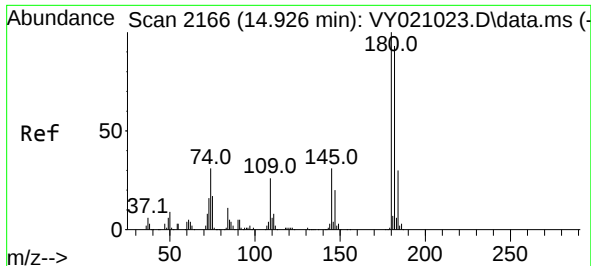
Tgt Ion:146 Resp: 59131
Ion Ratio Lower Upper
146 100
111 41.9 20.5 61.6
148 62.7 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.964 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion: 75 Resp: 3541
Ion Ratio Lower Upper
75 100
155 82.8 42.1 126.3
157 97.2 55.8 167.4

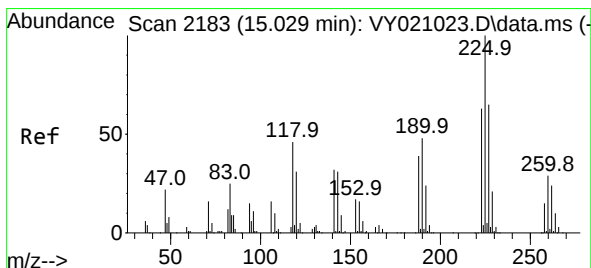
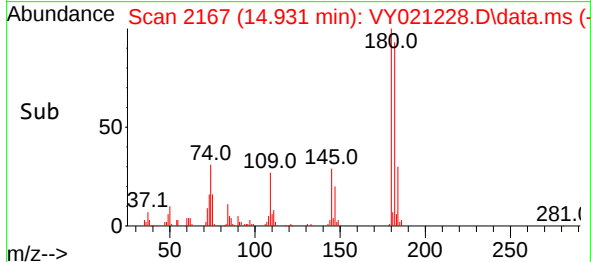
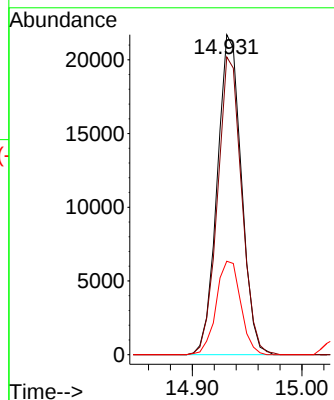
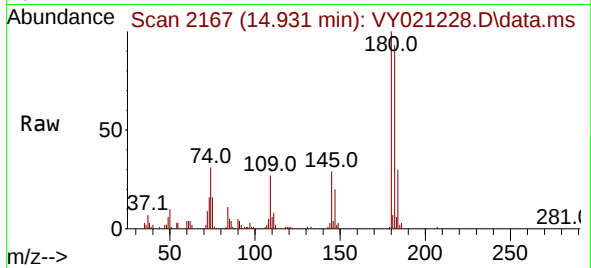




#93
1,2,4-Trichlorobenzene
Concen: 20.594 ug/l
RT: 14.931 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

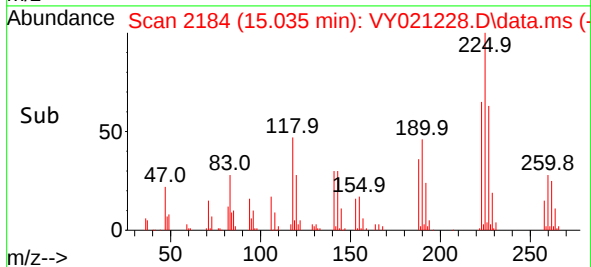
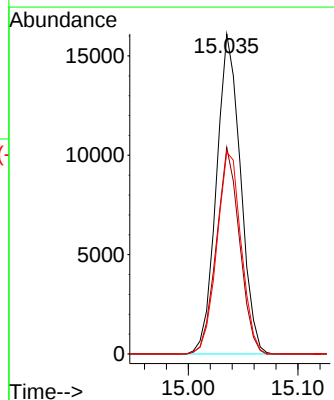
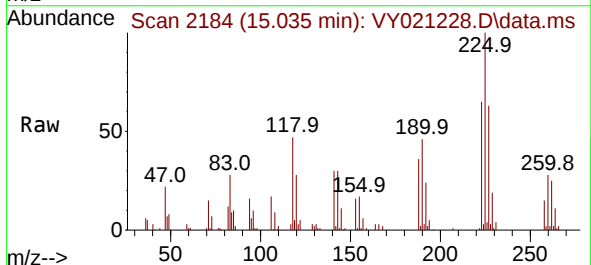
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 33308
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.7
145 29.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 22.930 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY021228.D
Acq: 18 Feb 2025 13:07

Tgt Ion:225 Resp: 24576
Ion Ratio Lower Upper
225 100
223 62.0 31.4 94.3
227 63.8 32.3 96.8





#95

Naphthalene

Concen: 18.915 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

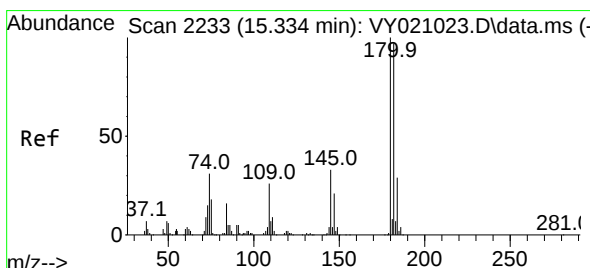
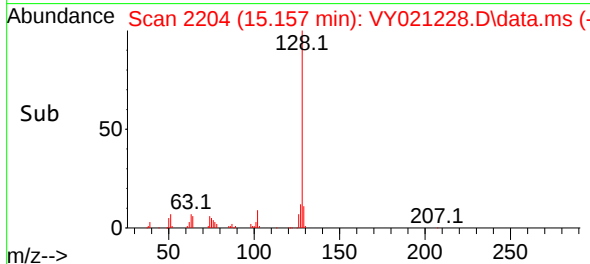
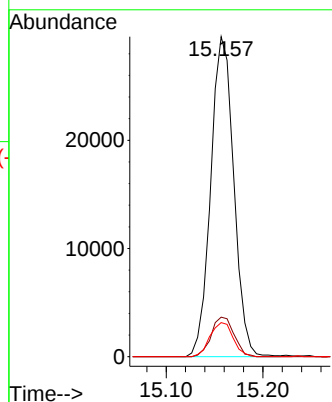
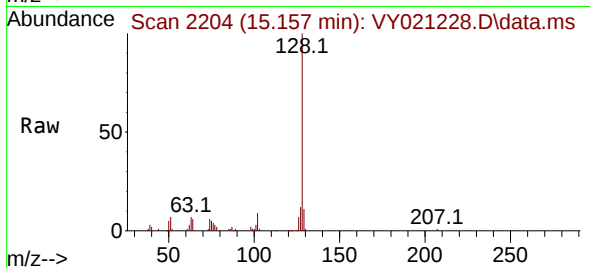
Tgt Ion:128 Resp: 48944

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.431 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY021228.D

Acq: 18 Feb 2025 13:07

Tgt Ion:180 Resp: 27500

Ion Ratio Lower Upper

180 100

182 95.2 46.3 138.8

145 31.5 16.1 48.2

