

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021201.D
 Acq On : 14 Feb 2025 10:36
 Operator : SY/MD
 Sample : VY0214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 22:16:15 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	7.713	168	125420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	194710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	169176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	85418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	69004	53.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.640	113	65550	52.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.060%	
50) Toluene-d8	10.109	98	246330	51.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.413	95	83369	53.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	17910	16.022	ug/l	99
3) Chloromethane	2.074	50	15914	14.427	ug/l	99
4) Vinyl Chloride	2.208	62	17107	15.408	ug/l	98
5) Bromomethane	2.598	94	10512	15.319	ug/l	99
6) Chloroethane	2.738	64	11241	17.008	ug/l	96
7) Trichlorofluoromethane	3.067	101	35575	17.588	ug/l	98
8) Diethyl Ether	3.464	74	12148	19.238	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.823	101	23803	18.750	ug/l	93
10) Methyl Iodide	4.006	142	21153	14.998	ug/l	90
11) Tert butyl alcohol	4.884	59	10430	119.774	ug/l	99
12) 1,1-Dichloroethene	3.799	96	19435	16.252	ug/l	89
13) Acrolein	3.665	56	10948	81.644	ug/l	100
14) Allyl chloride	4.390	41	37334	18.524	ug/l	95
15) Acrylonitrile	5.073	53	29348	111.613	ug/l	98
16) Acetone	3.878	43	22189	110.725	ug/l	92
17) Carbon Disulfide	4.116	76	37933	10.116	ug/l #	95
18) Methyl Acetate	4.403	43	14952	21.254	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	64859	21.458	ug/l	96
20) Methylene Chloride	4.628	84	23739	19.056	ug/l	95
21) trans-1,2-Dichloroethene	5.134	96	21991	16.706	ug/l	96
22) Diisopropyl ether	6.024	45	91293	21.976	ug/l	96
23) Vinyl Acetate	5.969	43	247083	106.693	ug/l	97
24) 1,1-Dichloroethane	5.927	63	47907	19.683	ug/l	94
25) 2-Butanone	6.908	43	38018	115.448	ug/l	94
26) 2,2-Dichloropropane	6.896	77	46047	20.447	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	29272	19.320	ug/l	92
28) Bromochloromethane	7.256	49	19297	20.050	ug/l	96
29) Tetrahydrofuran	7.268	42	24902	111.753	ug/l	92
30) Chloroform	7.426	83	53449	21.380	ug/l	98
31) Cyclohexane	7.707	56	34609	15.790	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	48494	20.864	ug/l	99
36) 1,1-Dichloropropene	7.841	75	32338	17.496	ug/l	99
37) Ethyl Acetate	6.994	43	17542	21.635	ug/l	99
38) Carbon Tetrachloride	7.823	117	43393	20.093	ug/l	96
39) Methylcyclohexane	9.115	83	35357	15.639	ug/l	94
40) Benzene	8.085	78	102858	18.964	ug/l	99

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Instrument :
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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)
41) Methacrylonitrile	7.231	41	10207	21.759	ug/l	97
42) 1,2-Dichloroethane	8.164	62	31687	21.060	ug/l	96
43) Isopropyl Acetate	8.201	43	36528	22.673	ug/l #	85
44) Trichloroethene	8.871	130	25674	18.321	ug/l	94
45) 1,2-Dichloropropane	9.146	63	26914	20.906	ug/l	98
46) Dibromomethane	9.237	93	14854	20.839	ug/l	96
47) Bromodichloromethane	9.426	83	41359	21.635	ug/l	97
48) Methyl methacrylate	9.225	41	16260	22.157	ug/l	90
49) 1,4-Dioxane	9.231	88	3139	473.054	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	96095	118.610	ug/l	95
52) Toluene	10.176	92	66222	19.444	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	37394	21.785	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	42603	20.962	ug/l #	91
55) 1,1,2-Trichloroethane	10.578	97	19895	21.554	ug/l	96
56) Ethyl methacrylate	10.444	69	26669	21.598	ug/l	88
57) 1,3-Dichloropropane	10.719	76	34739	21.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	58385	99.387	ug/l	99
59) 2-Hexanone	10.767	43	63472	121.678	ug/l	94
60) Dibromochloromethane	10.914	129	28505	21.990	ug/l	98
61) 1,2-Dibromoethane	11.017	107	18028	20.852	ug/l	99
64) Tetrachloroethene	10.652	164	22240	17.709	ug/l	96
65) Chlorobenzene	11.444	112	75165	19.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	28792	21.508	ug/l	97
67) Ethyl Benzene	11.523	91	132047	19.818	ug/l	100
68) m/p-Xylenes	11.633	106	99393	39.876	ug/l	97
69) o-Xylene	11.962	106	47135	20.283	ug/l	95
70) Styrene	11.974	104	80135	20.690	ug/l	97
71) Bromoform	12.139	173	16710	22.425	ug/l #	98
73) Isopropylbenzene	12.261	105	131307	19.679	ug/l	100
74) N-amyl acetate	12.072	43	32392	22.205	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	25013	22.540	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	32325	41.718	ug/l #	100
77) Bromobenzene	12.535	156	30599	19.873	ug/l	95
78) n-propylbenzene	12.602	91	159807	20.106	ug/l	100
79) 2-Chlorotoluene	12.682	91	90604	19.903	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	108118	19.986	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8401	22.123	ug/l	93
82) 4-Chlorotoluene	12.779	91	95450	20.579	ug/l	99
83) tert-Butylbenzene	13.005	119	101513	20.645	ug/l	97
84) 1,2,4-Trimethylbenzene	13.047	105	108537	20.519	ug/l	98
85) sec-Butylbenzene	13.182	105	142287	20.102	ug/l	97
86) p-Isopropyltoluene	13.297	119	120403	20.478	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	60940	20.497	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	60404	20.635	ug/l	96
89) n-Butylbenzene	13.620	91	111217	20.734	ug/l	98
90) Hexachloroethane	13.883	117	25501	20.790	ug/l	86
91) 1,2-Dichlorobenzene	13.663	146	54323	21.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3662	22.083	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	30515	21.245	ug/l	98
94) Hexachlorobutadiene	15.029	225	20003	21.015	ug/l	98
95) Naphthalene	15.151	128	51979	22.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	26165	21.889	ug/l	97

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Sample : VY0214SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

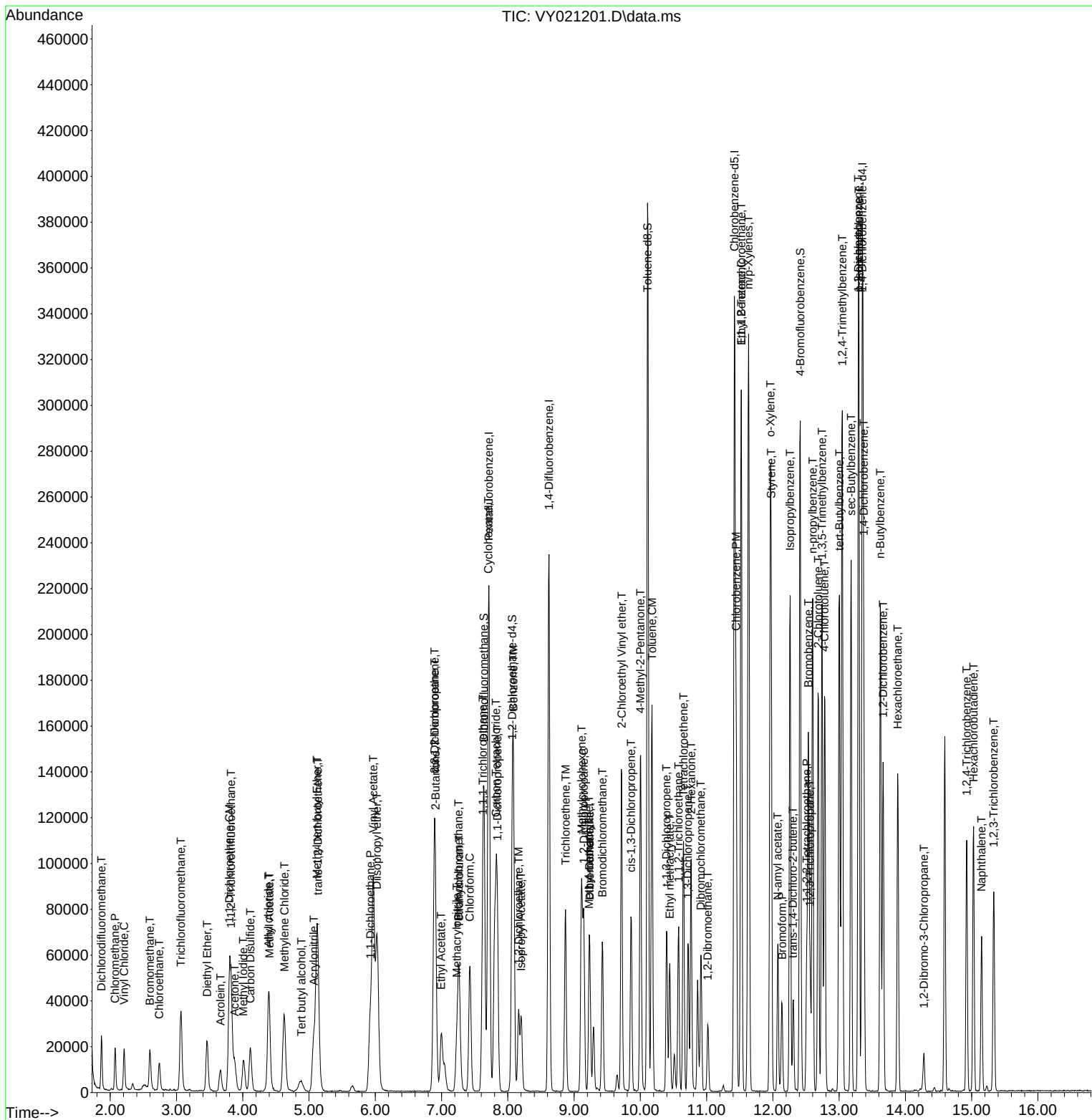
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MSVOA_Y
ClientSampleId :

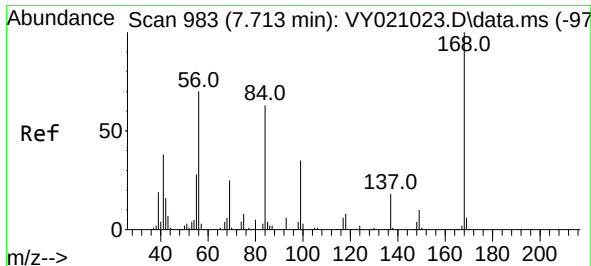
Quant Time: Feb 14 22:16:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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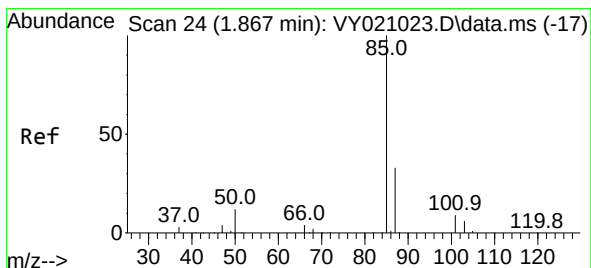
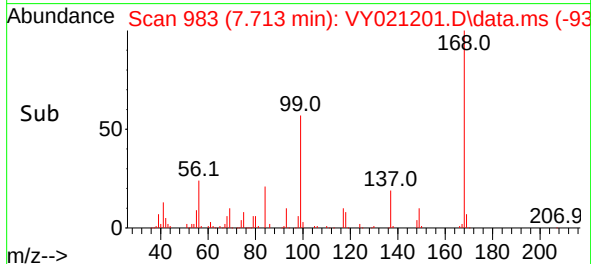
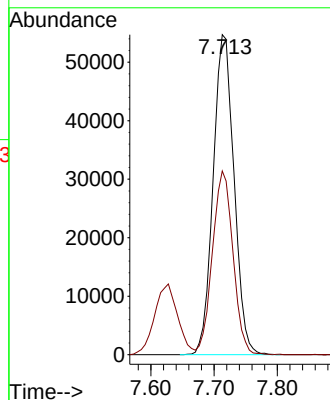
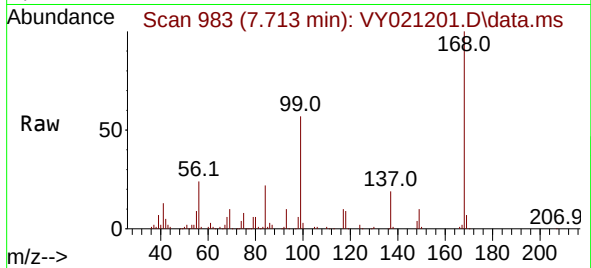




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

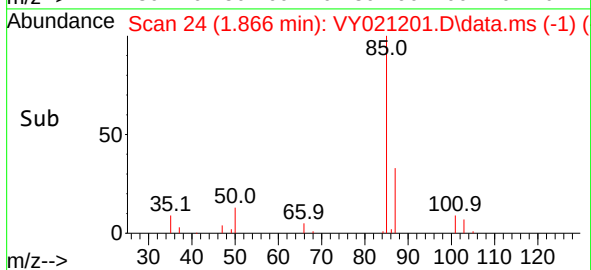
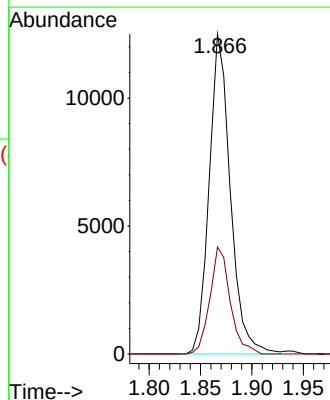
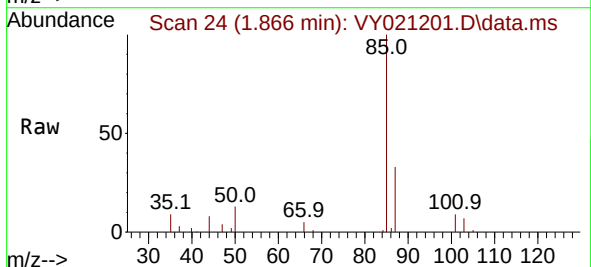
Instrument :
MSVOA_Y
ClientSampleId :

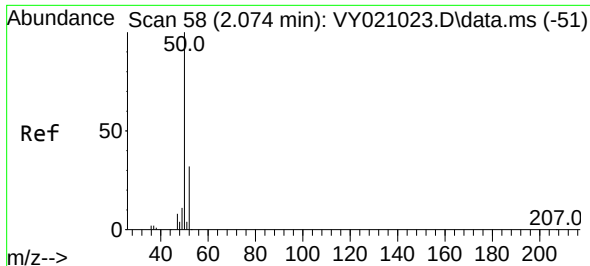
Tgt Ion:168 Resp: 125420
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.022 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 85 Resp: 17910
Ion Ratio Lower Upper
85 100
87 33.4 17.1 51.3

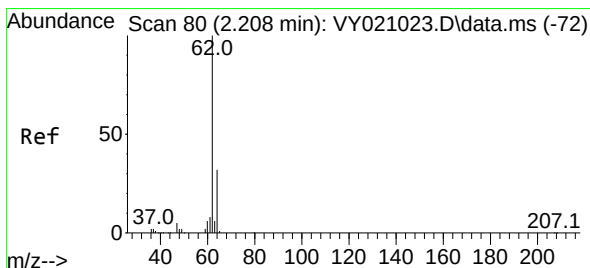
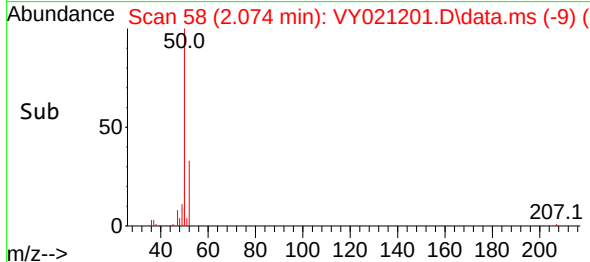
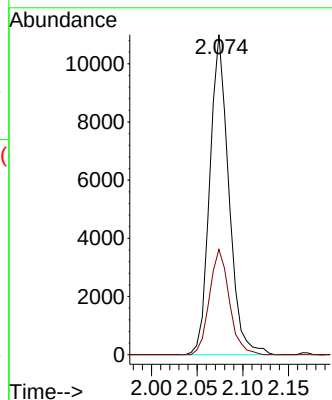
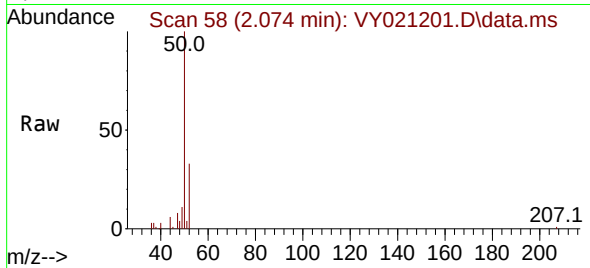




#3
Chloromethane
Concen: 14.427 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

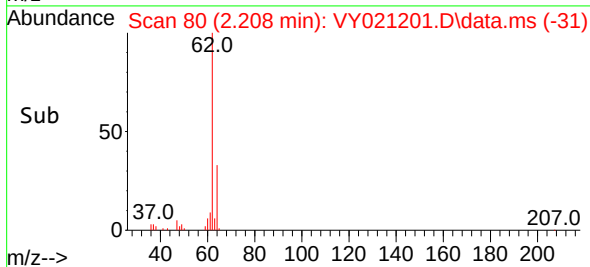
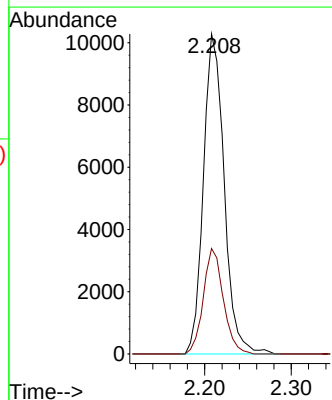
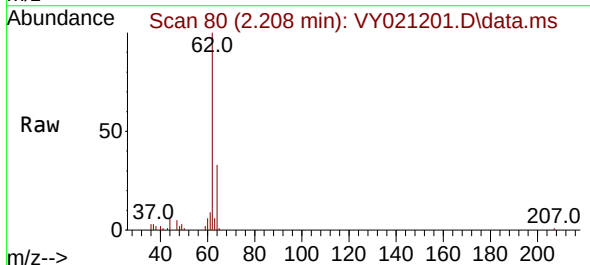
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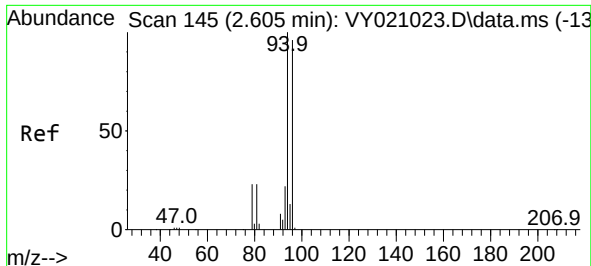
Tgt Ion: 50 Resp: 15914
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 15.408 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 62 Resp: 17107
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5





#5

Bromomethane

Concen: 15.319 ug/l

RT: 2.598 min Scan# 14

Delta R.T. -0.007 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

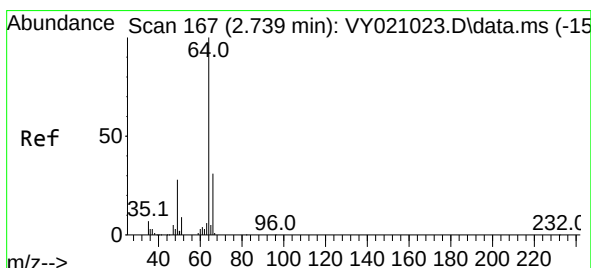
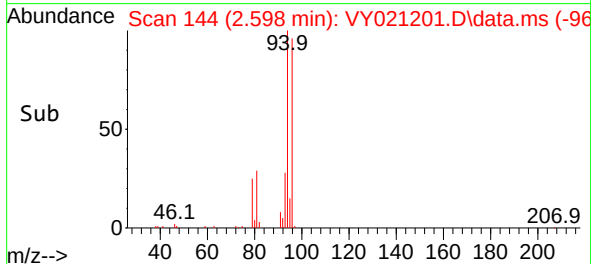
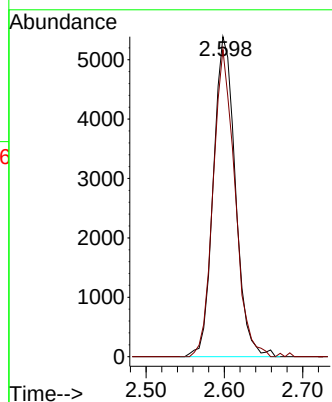
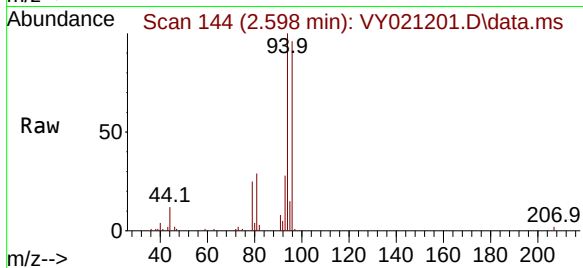
ClientSampleId :

Tgt Ion: 94 Resp: 10512

Ion Ratio Lower Upper

94 100

96 96.0 77.3 115.9



#6

Chloroethane

Concen: 17.008 ug/l

RT: 2.738 min Scan# 167

Delta R.T. -0.000 min

Lab File: VY021201.D

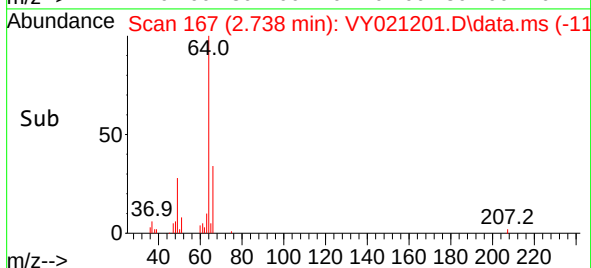
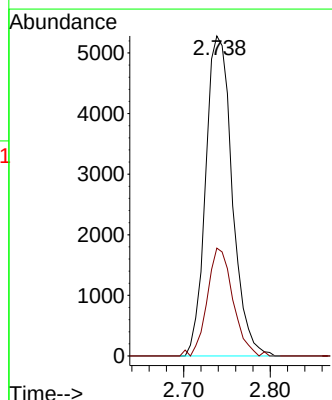
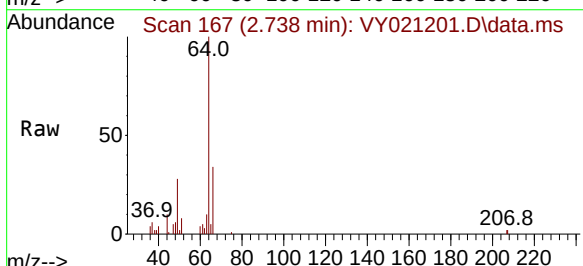
Acq: 14 Feb 2025 10:36

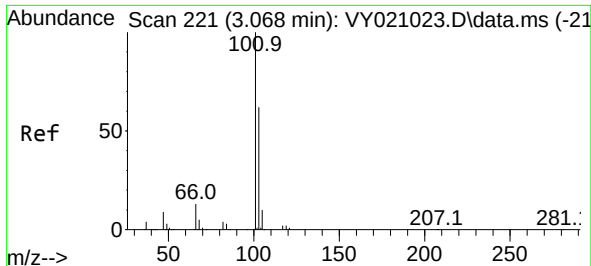
Tgt Ion: 64 Resp: 11241

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7

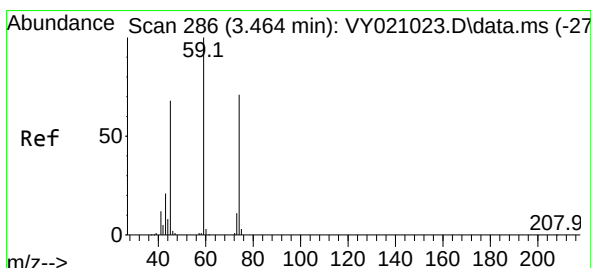
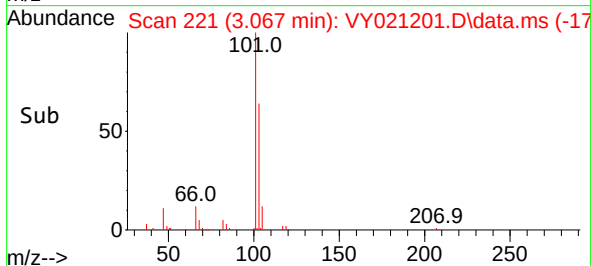
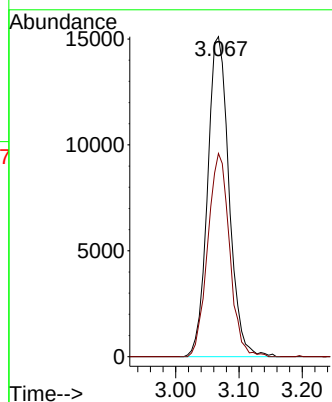
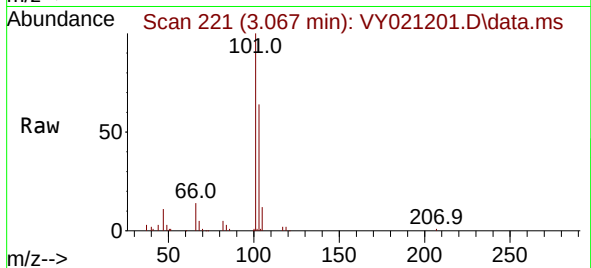




#7
 Trichlorofluoromethane
 Concen: 17.588 ug/l
 RT: 3.067 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

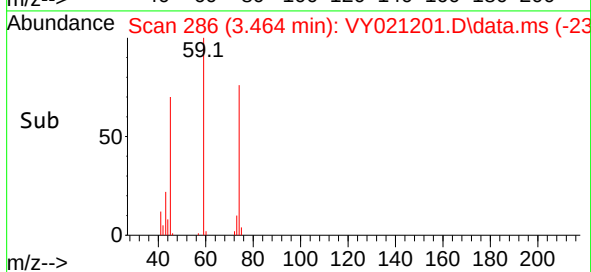
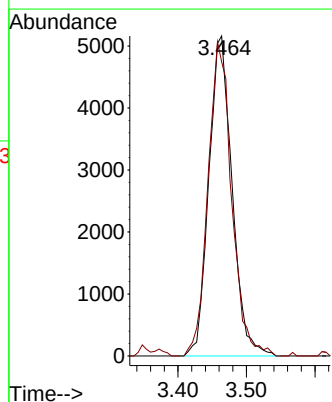
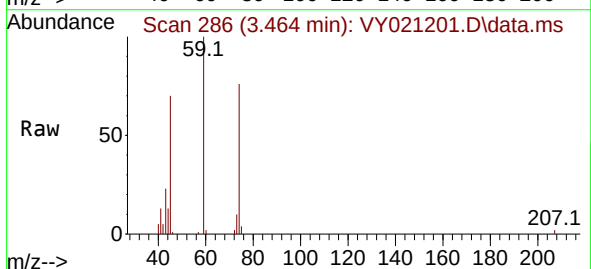
Instrument :
 MSVOA_Y
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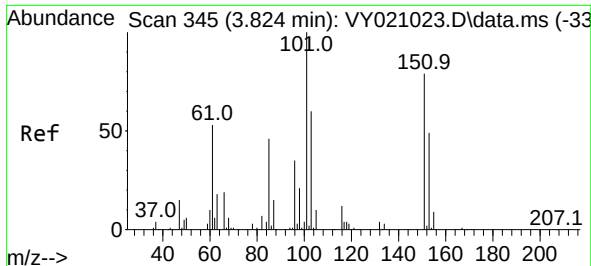
Tgt Ion:101 Resp: 35575
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.238 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 74 Resp: 12148
 Ion Ratio Lower Upper
 74 100
 45 100.3 47.9 143.7

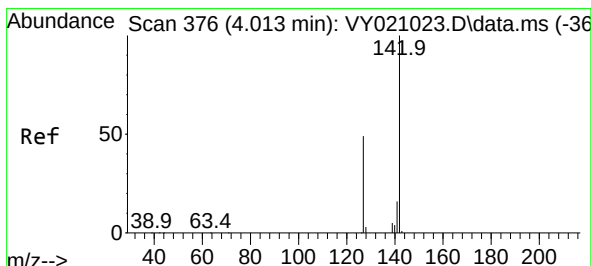
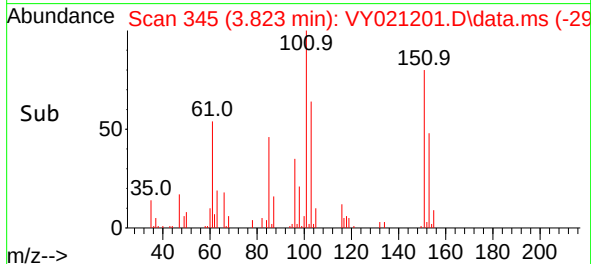
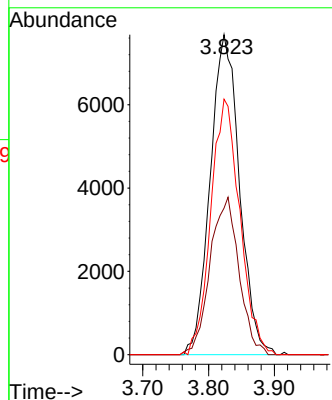
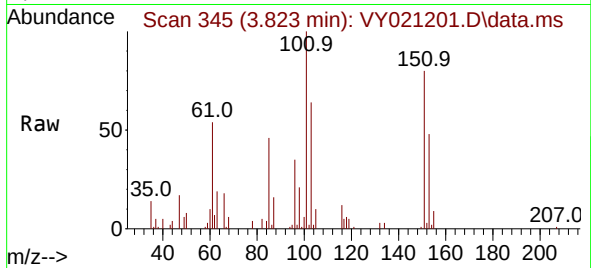




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.750 ug/l
RT: 3.823 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021201.D
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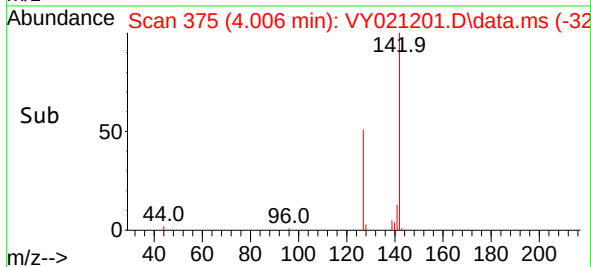
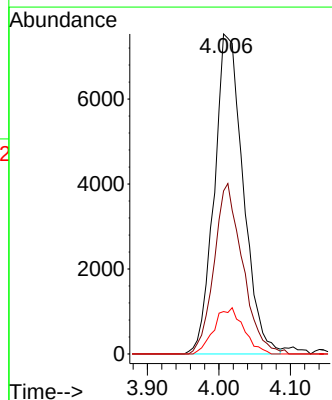
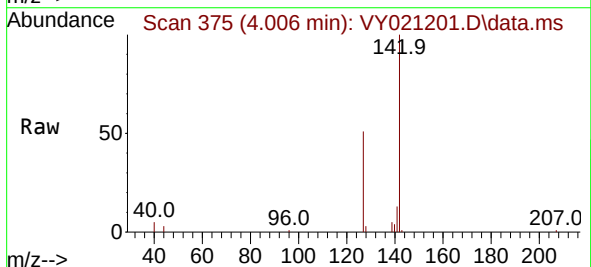
Instrument :
MSVOA_Y
ClientSampleId :

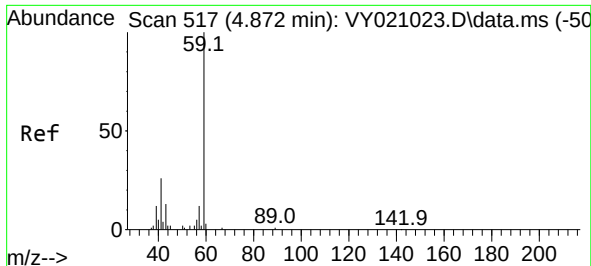
Tgt Ion:101	Resp:	23803
Ion Ratio	Lower	Upper
101	100	
85	48.5	35.8 53.6
151	79.2	58.6 88.0



#10
Methyl Iodide
Concen: 14.998 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.007 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:142	Resp:	21153
Ion Ratio	Lower	Upper
142	100	
127	52.5	35.1 52.7
141	14.8	11.8 17.6

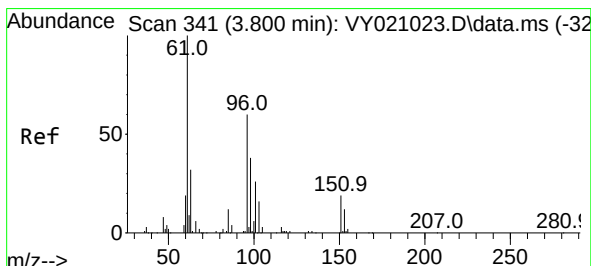
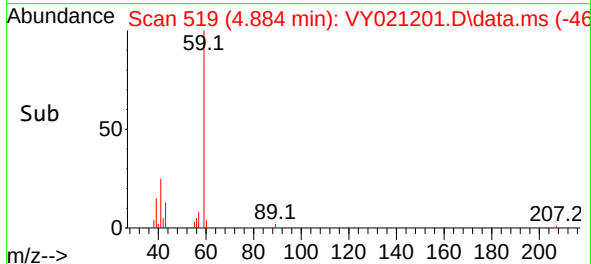
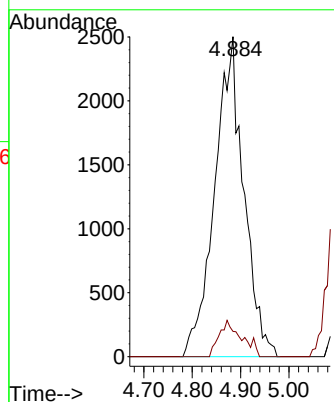
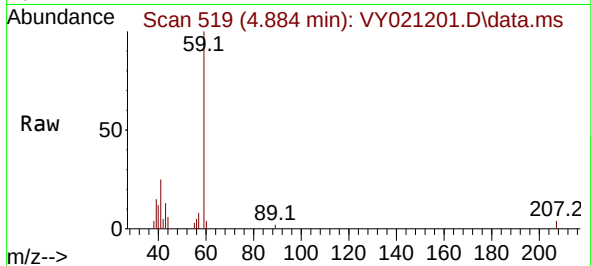




#11
Tert butyl alcohol
Concen: 119.774 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

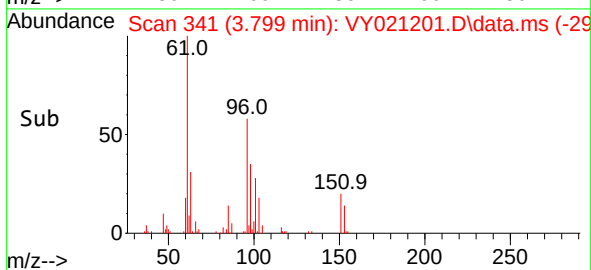
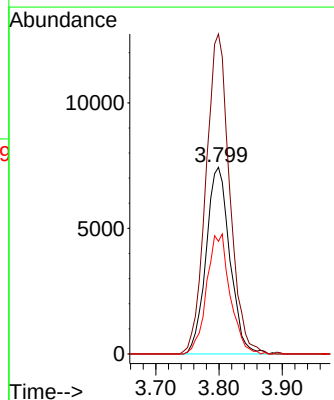
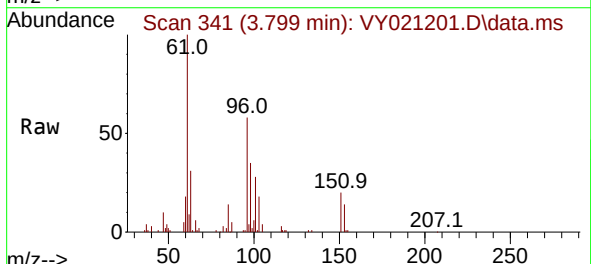
Instrument :
MSVOA_Y
ClientSampleId :

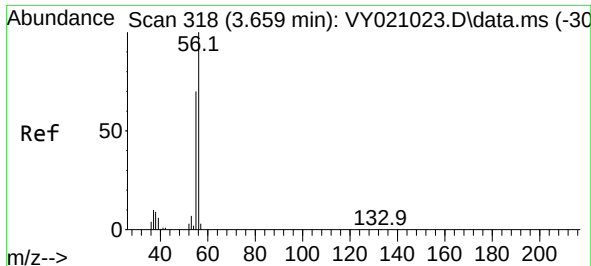
Tgt Ion: 59 Resp: 10430
Ion Ratio Lower Upper
59 100
57 8.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 16.252 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 96 Resp: 19435
Ion Ratio Lower Upper
96 100
61 171.4 124.2 186.2
98 60.3 52.6 79.0





#13

Acrolein

Concen: 81.644 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

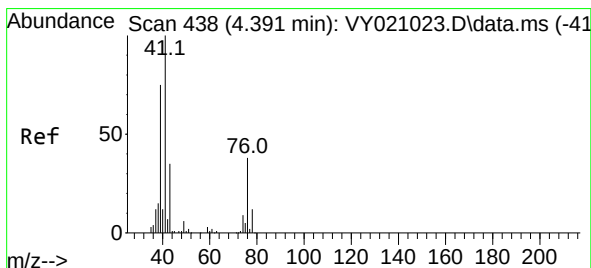
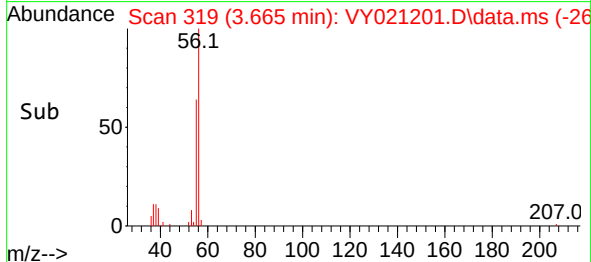
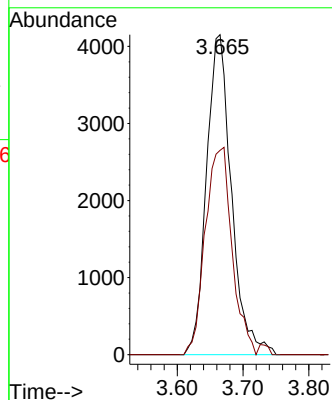
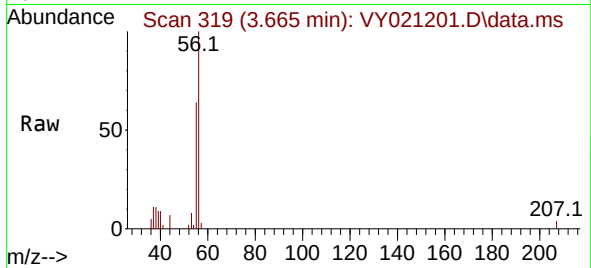
ClientSampleId :

Tgt Ion: 56 Resp: 10948

Ion Ratio Lower Upper

56 100

55 69.5 55.4 83.0



#14

Allyl chloride

Concen: 18.524 ug/l

RT: 4.390 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

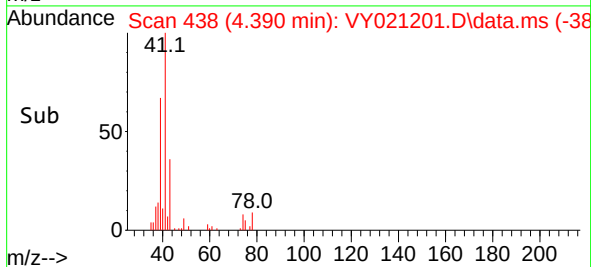
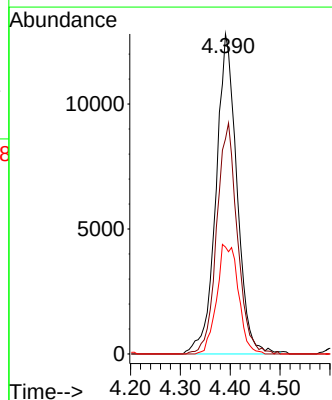
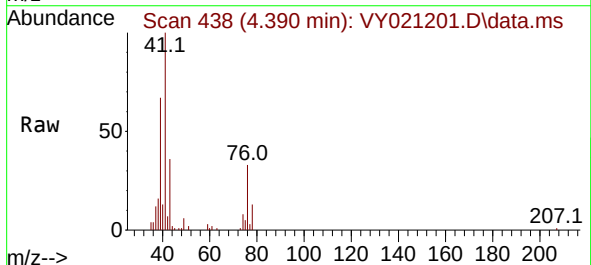
Tgt Ion: 41 Resp: 37334

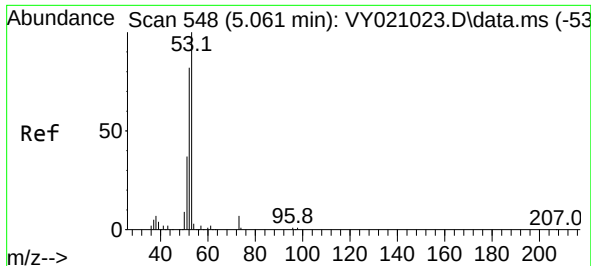
Ion Ratio Lower Upper

41 100

39 71.2 54.7 82.1

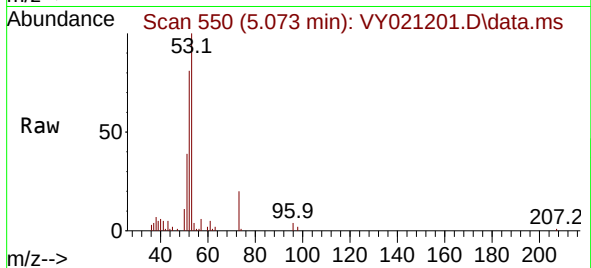
76 35.5 31.8 47.6



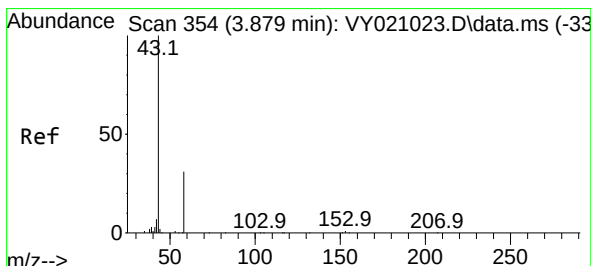
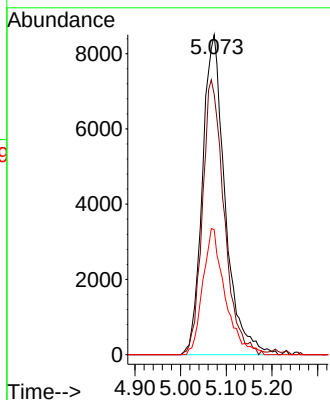
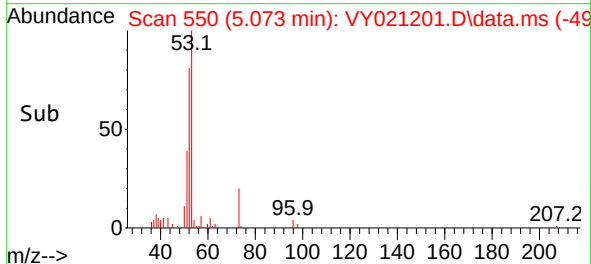


#15
Acrylonitrile
Concen: 111.613 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Instrument :
MSVOA_Y
ClientSampleId :

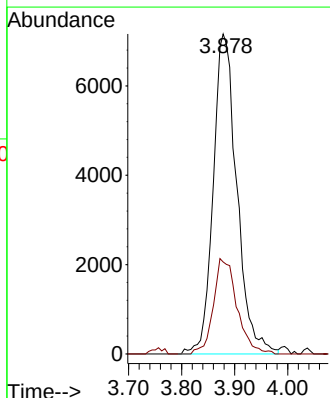
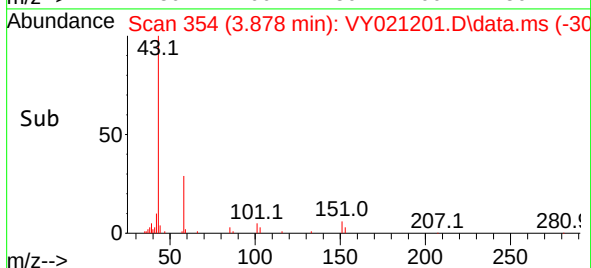
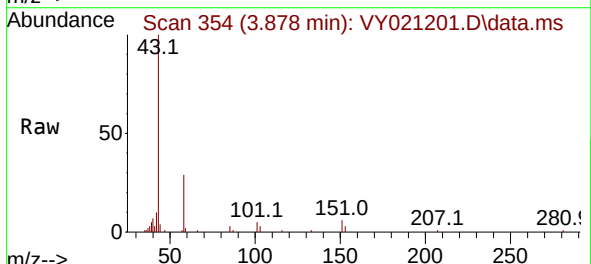


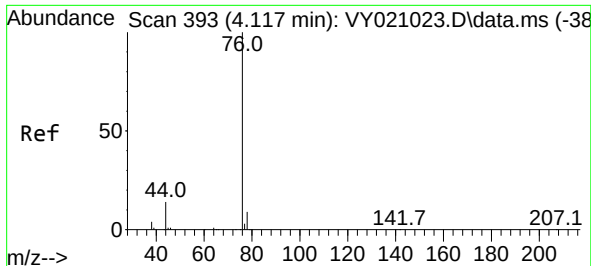
Tgt Ion: 53 Resp: 29348
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 38.8 29.0 43.4



#16
Acetone
Concen: 110.725 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 43 Resp: 22189
Ion Ratio Lower Upper
43 100
58 28.8 26.6 39.8

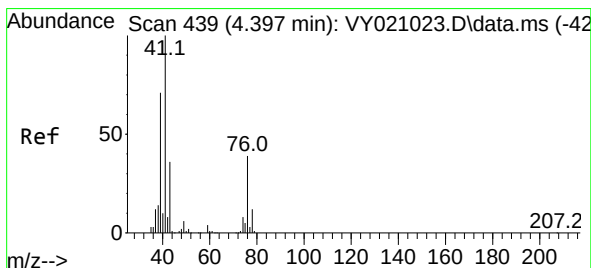
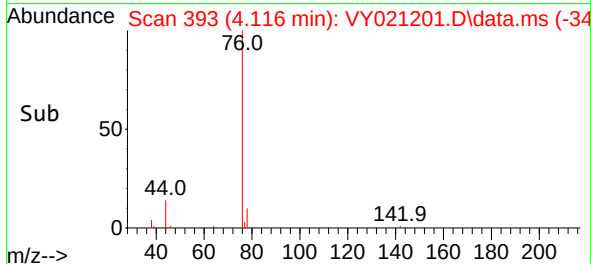
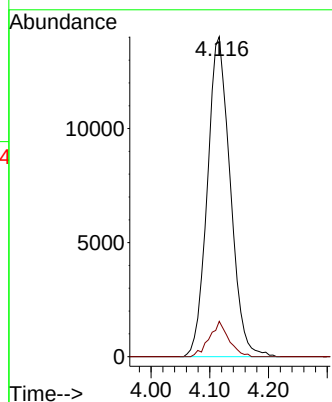
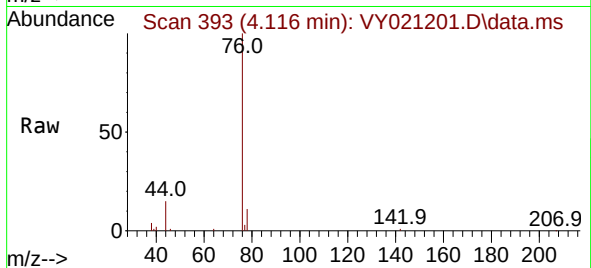




#17
Carbon Disulfide
Concen: 10.116 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

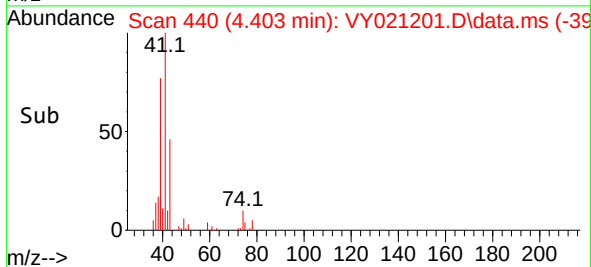
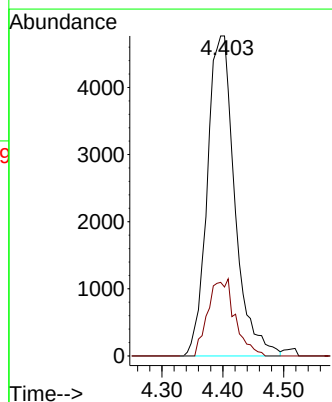
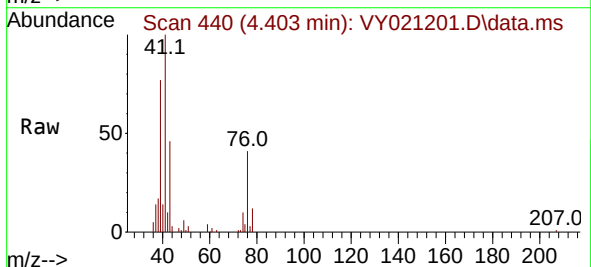
Instrument :
MSVOA_Y
ClientSampleId :

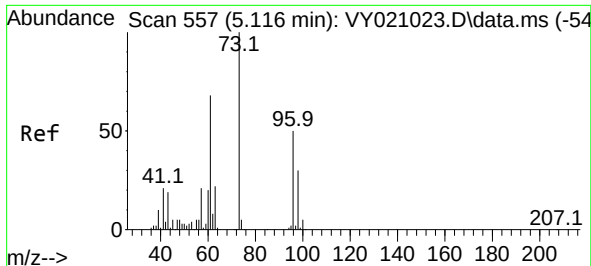
Tgt Ion: 76 Resp: 37933
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#



#18
Methyl Acetate
Concen: 21.254 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 43 Resp: 14952
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6

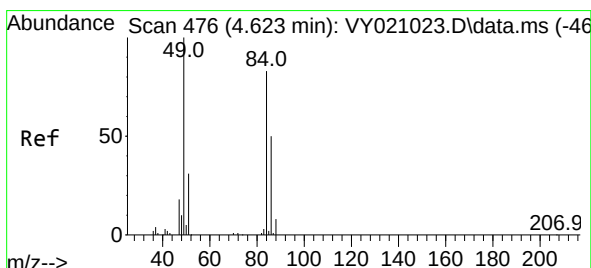
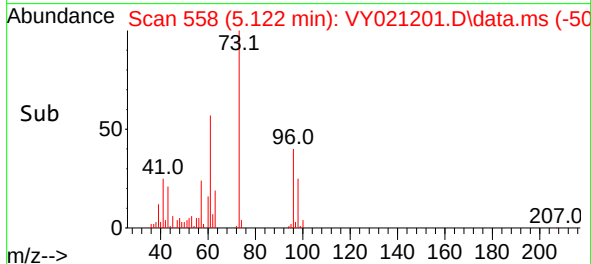
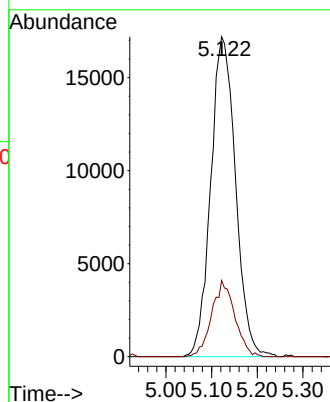
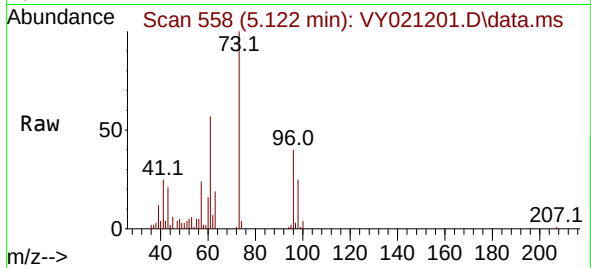




#19
Methyl tert-butyl Ether
Concen: 21.458 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

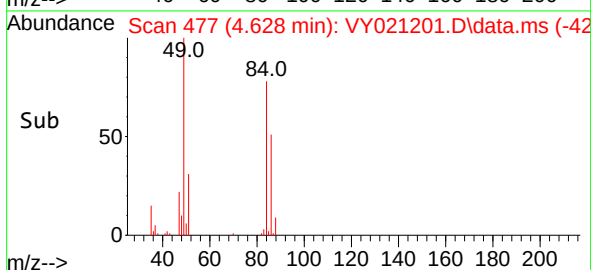
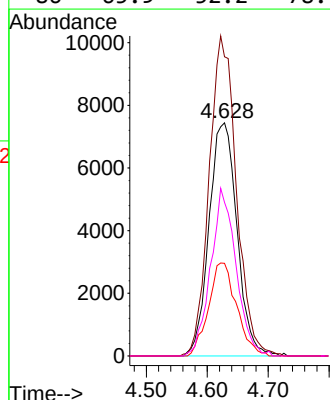
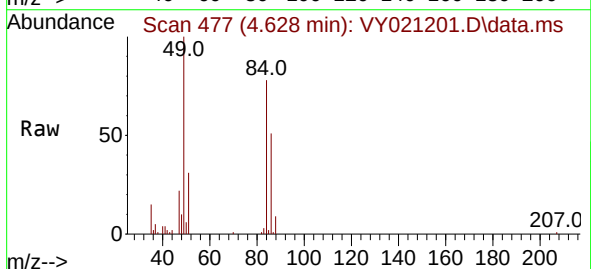
Instrument :
MSVOA_Y
ClientSampleId :

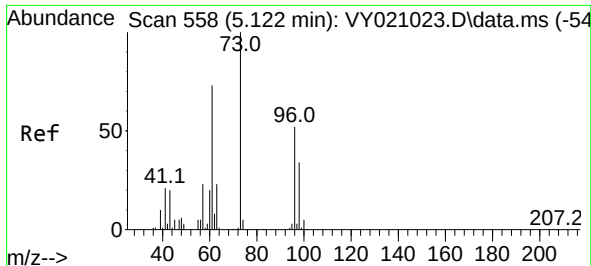
Tgt Ion: 73 Resp: 64859
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5



#20
Methylene Chloride
Concen: 19.056 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

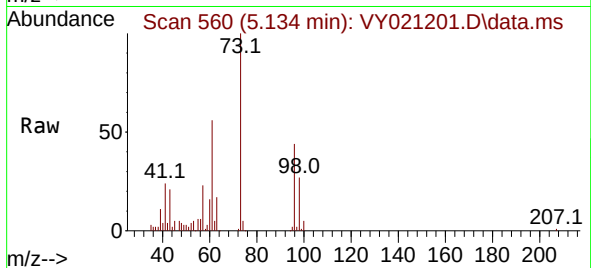
Tgt Ion: 84 Resp: 23739
Ion Ratio Lower Upper
84 100
49 128.4 95.2 142.8
51 39.8 29.9 44.9
86 65.9 52.2 78.4



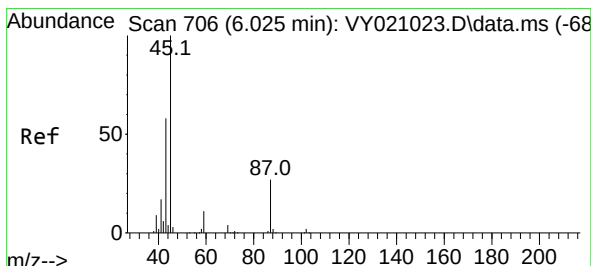
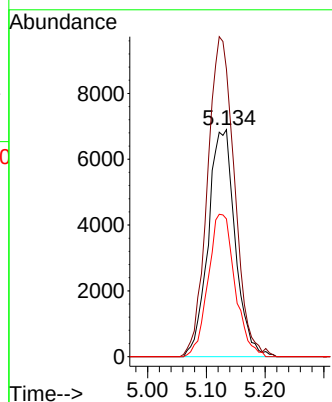
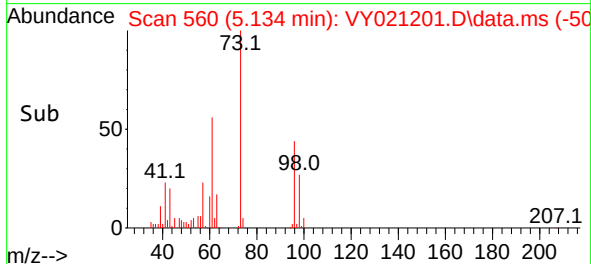


#21
trans-1,2-Dichloroethene
Concen: 16.706 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Instrument :
MSVOA_Y
ClientSampleId :

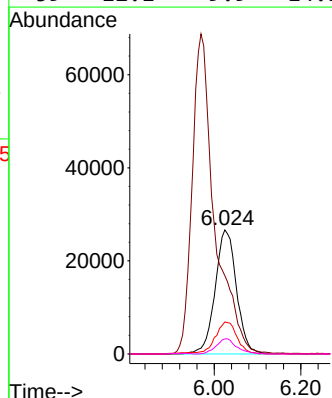
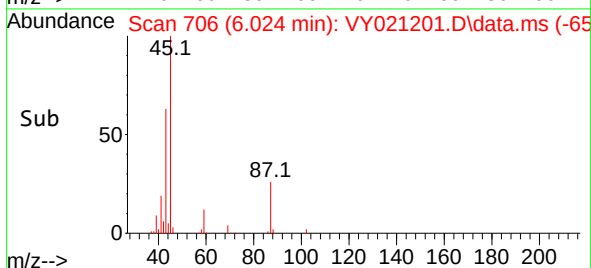
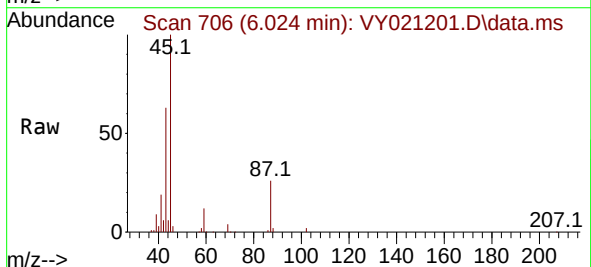


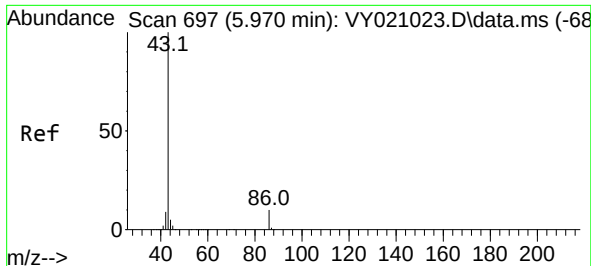
Tgt Ion: 96 Resp: 21991
Ion Ratio Lower Upper
96 100
61 126.7 104.6 156.8
98 60.7 50.9 76.3



#22
Diisopropyl ether
Concen: 21.976 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 45 Resp: 91293
Ion Ratio Lower Upper
45 100
43 62.5 46.8 70.2
87 25.8 22.2 33.2
59 12.1 9.9 14.9

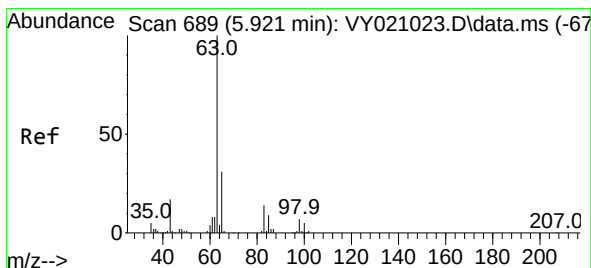
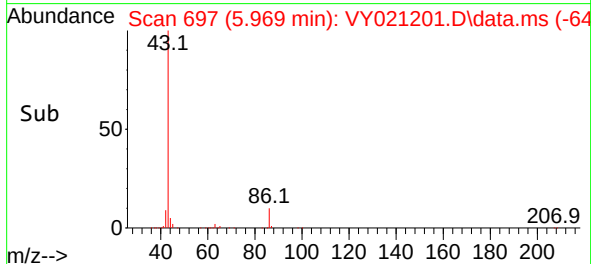
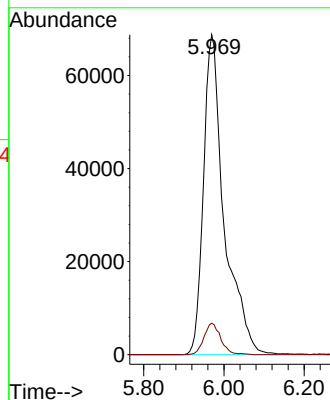
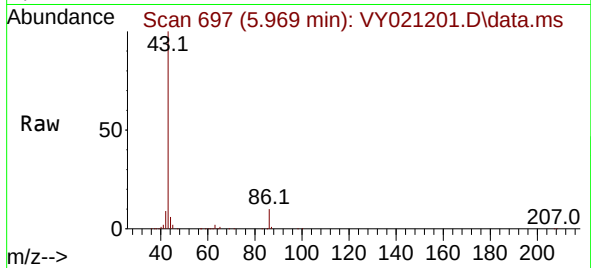




#23
 Vinyl Acetate
 Concen: 106.693 ug/l
 RT: 5.969 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

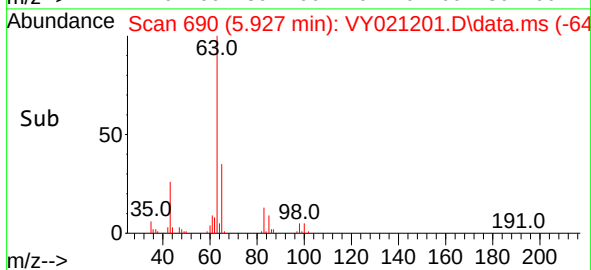
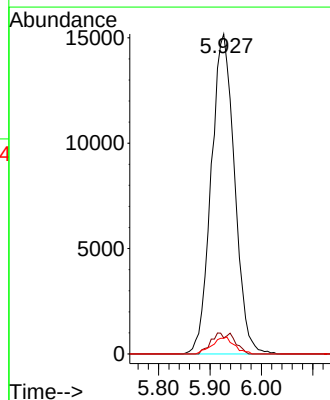
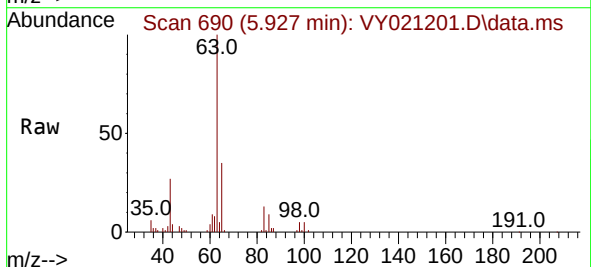
Instrument :
 MSVOA_Y
 ClientSampleId :

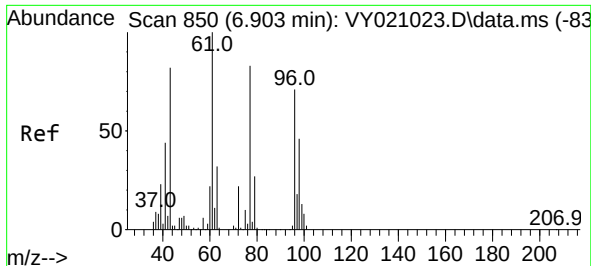
Tgt Ion: 43 Resp: 247083
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.683 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 63 Resp: 47907
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.8 11.4
 100 4.9 2.1 6.2

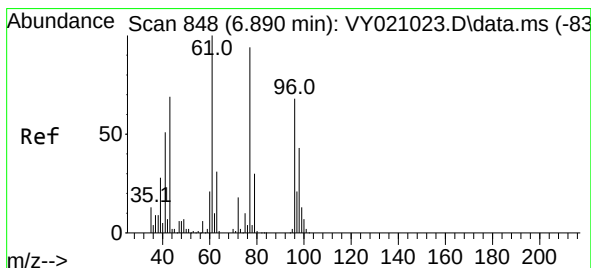
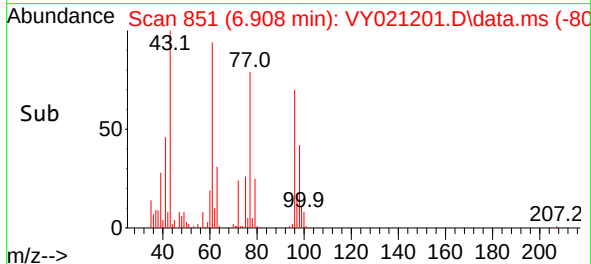
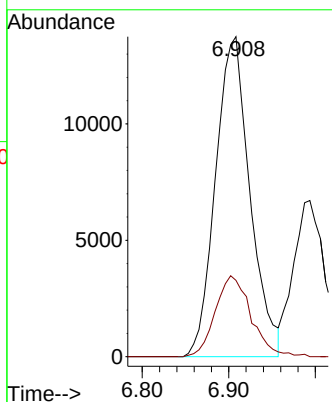
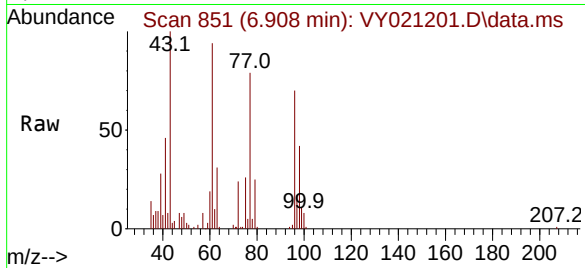




#25
2-Butanone
Concen: 115.448 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

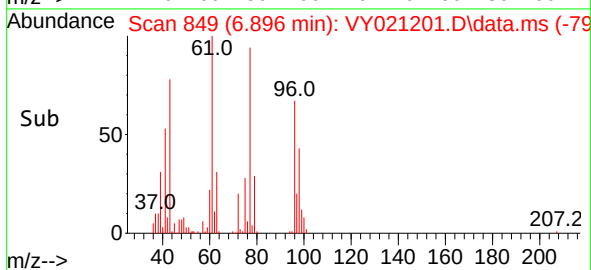
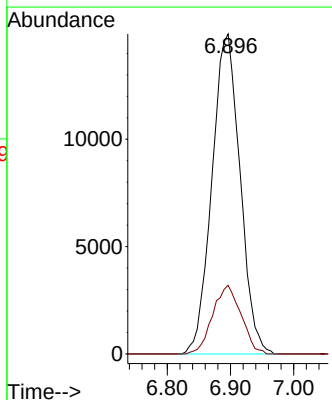
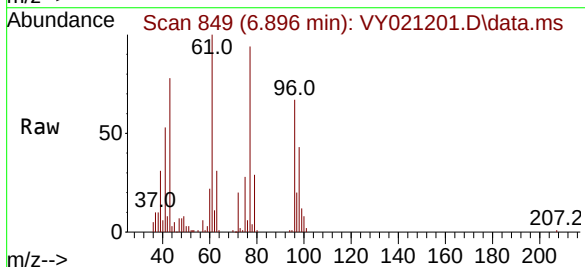
Instrument :
MSVOA_Y
ClientSampleId :

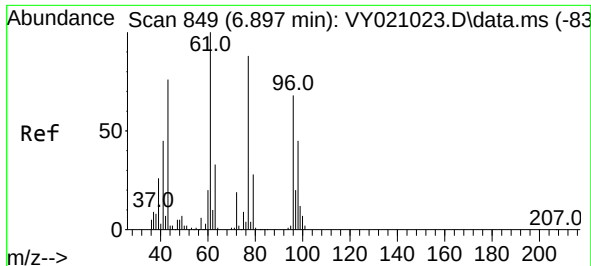
Tgt Ion: 43 Resp: 38018
Ion Ratio Lower Upper
43 100
72 23.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.447 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 77 Resp: 46047
Ion Ratio Lower Upper
77 100
97 21.6 11.7 35.0

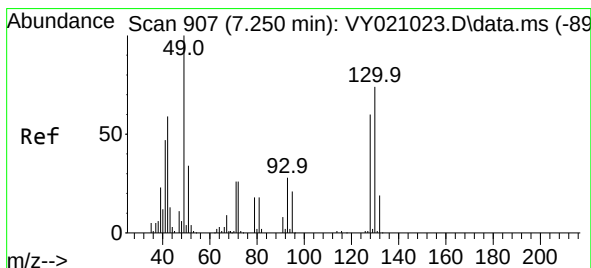
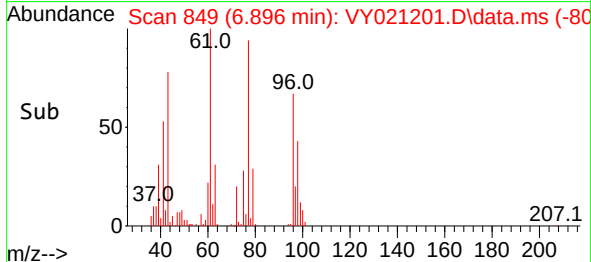
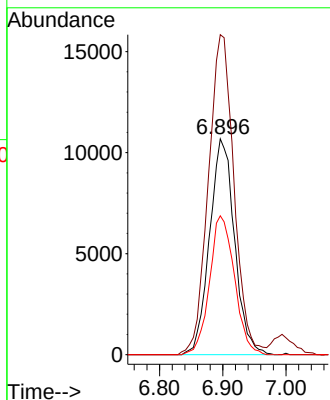
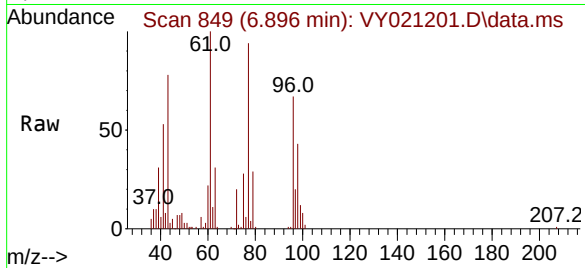




#27
 cis-1,2-Dichloroethene
 Concen: 19.320 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

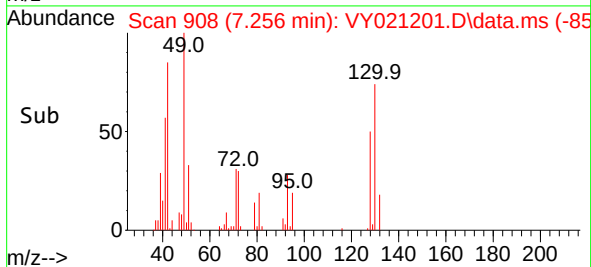
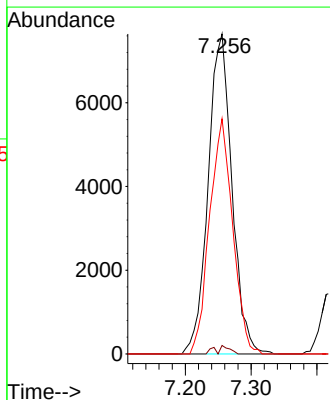
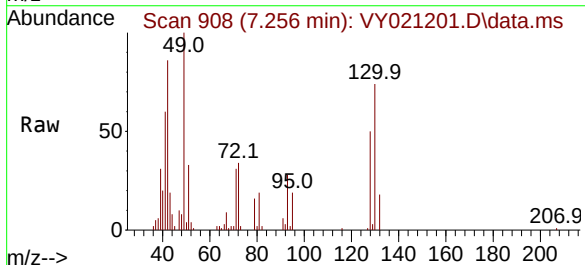
Instrument :
 MSVOA_Y
 ClientSampleId :

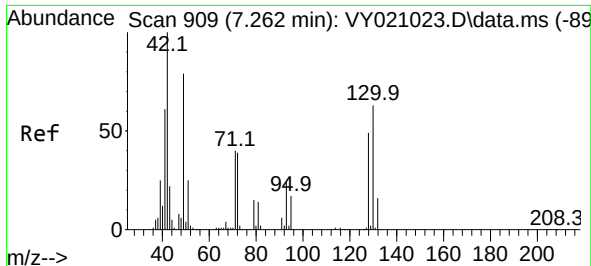
Tgt Ion: 96 Resp: 29272
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 278.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.050 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 49 Resp: 19297
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 71.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 111.753 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021201.D

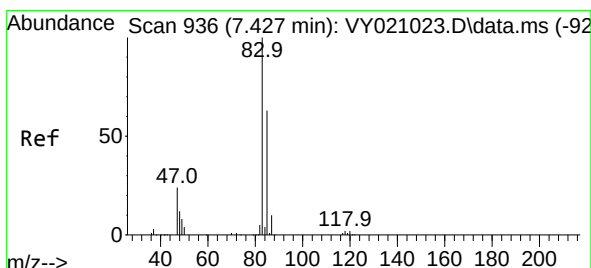
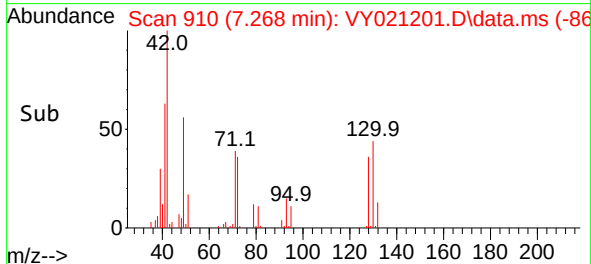
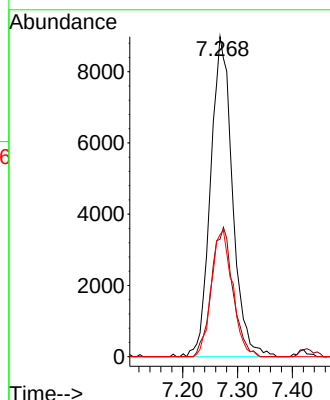
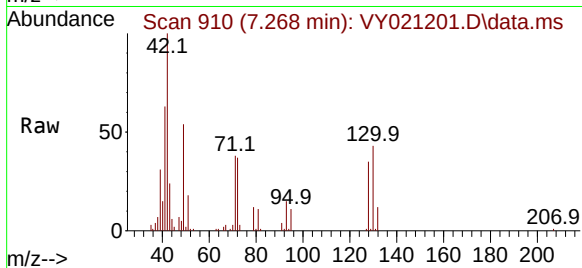
Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	24902
Ion	Ratio	Lower	Upper
42	100		
72	39.8	36.6	54.8
71	38.1	33.8	50.6



#30

Chloroform

Concen: 21.380 ug/l

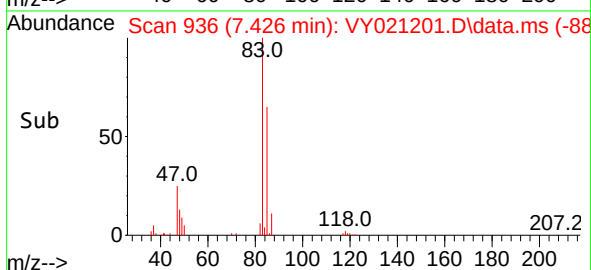
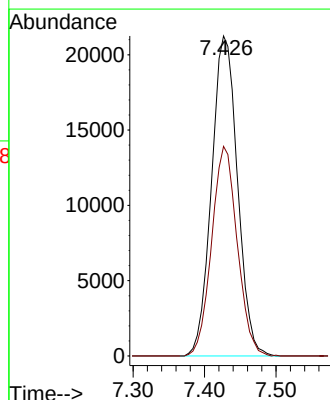
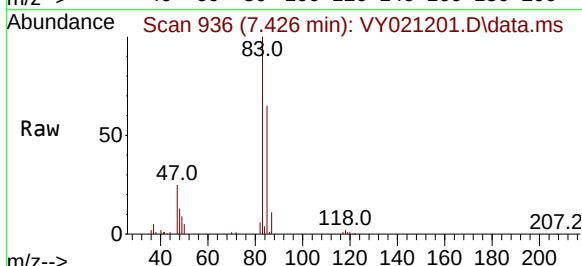
RT: 7.426 min Scan# 936

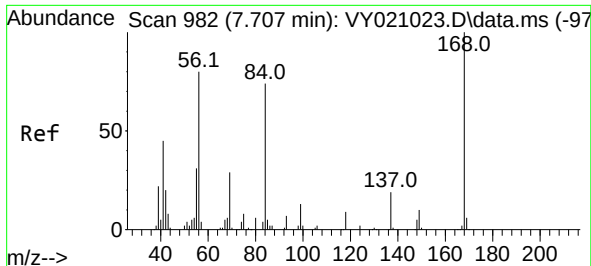
Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

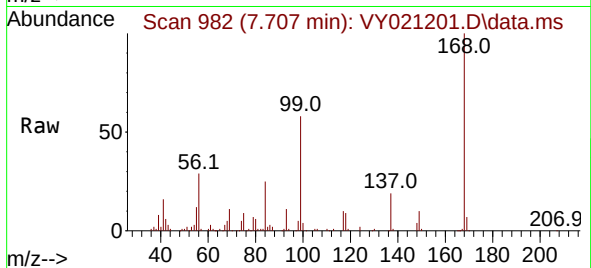
Tgt Ion:	83	Resp:	53449
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8



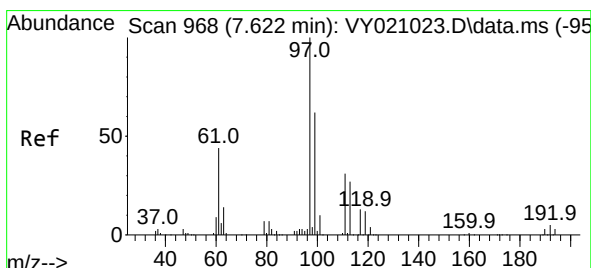
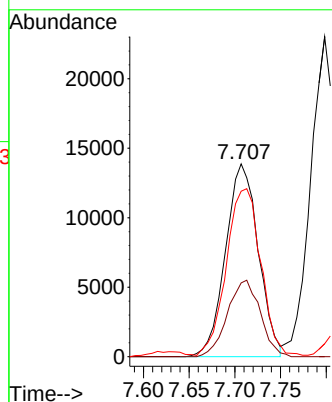
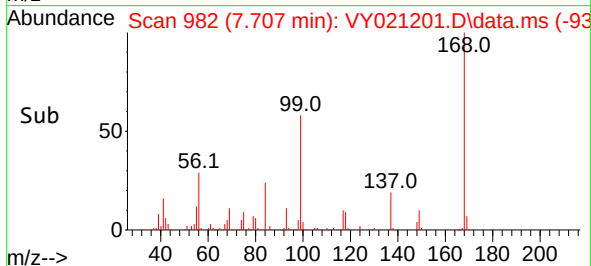


#31
Cyclohexane
Concen: 15.790 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Instrument :
MSVOA_Y
ClientSampleId :

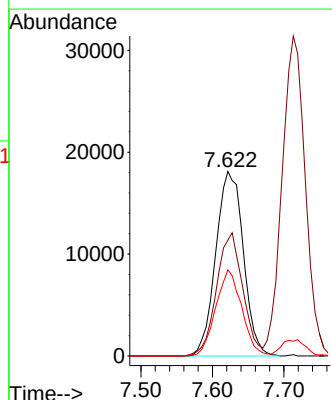
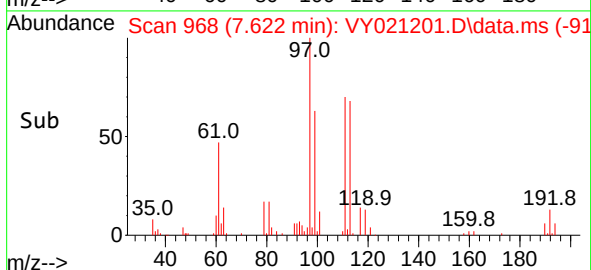
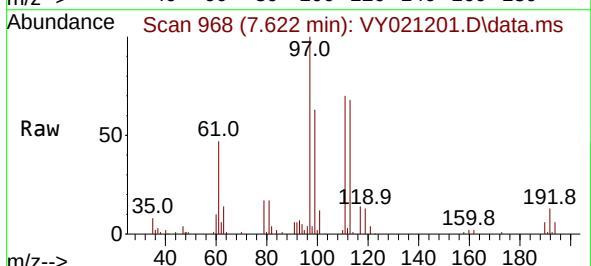


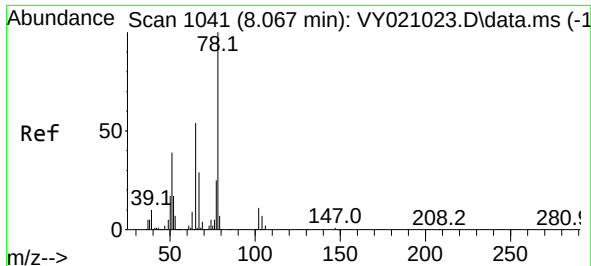
Tgt Ion: 56 Resp: 34609
Ion Ratio Lower Upper
56 100
69 38.2 27.0 40.6
84 83.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.864 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 97 Resp: 48494
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 44.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 53.698 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

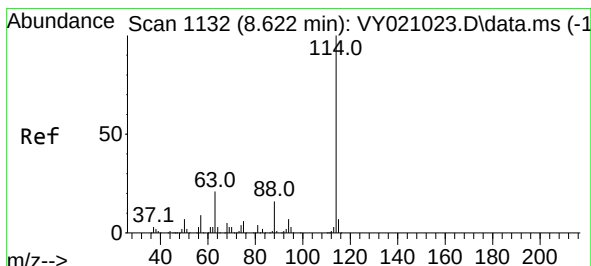
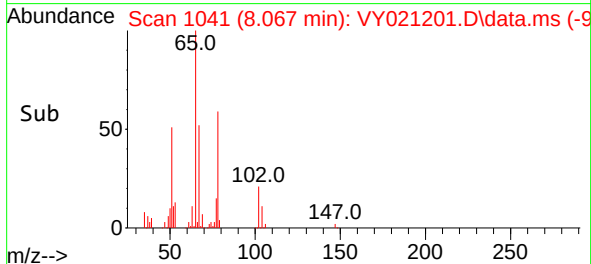
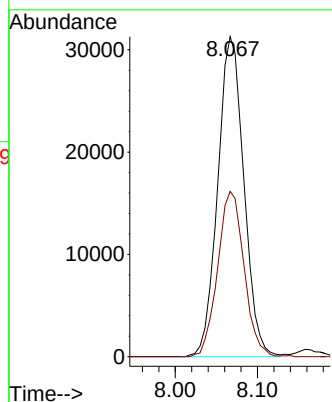
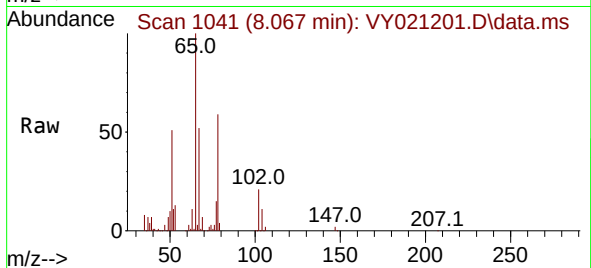
ClientSampleId :

Tgt Ion: 65 Resp: 69004

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

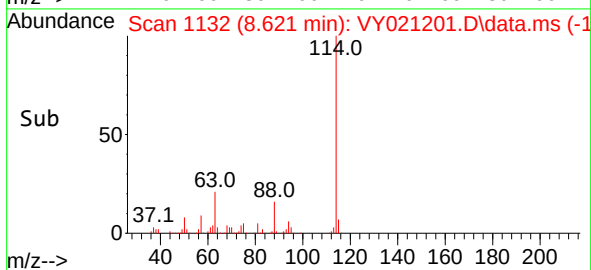
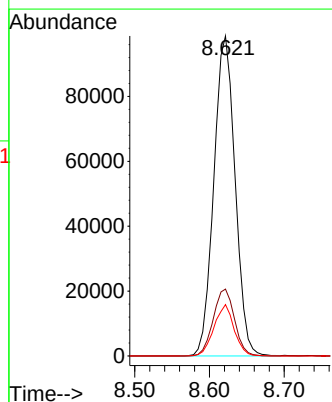
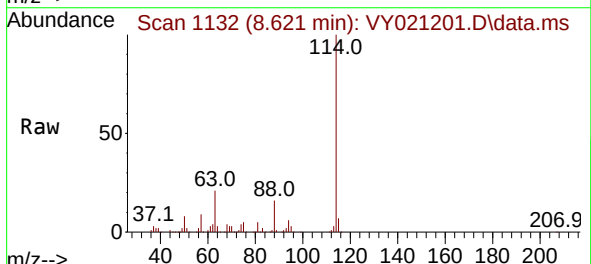
Tgt Ion: 114 Resp: 194710

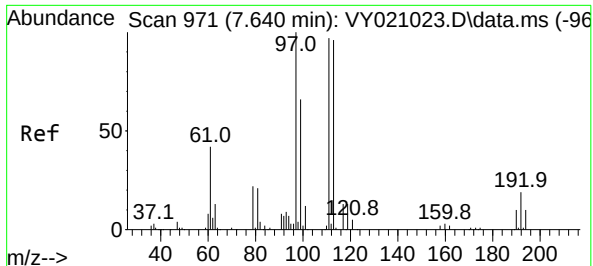
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

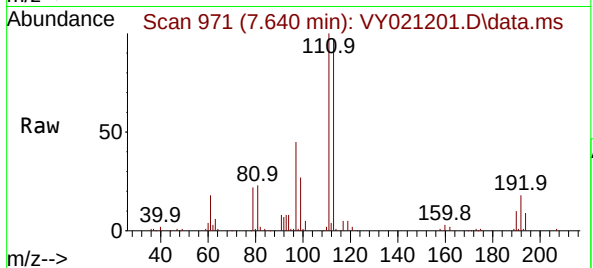
88 16.1 0.0 29.0



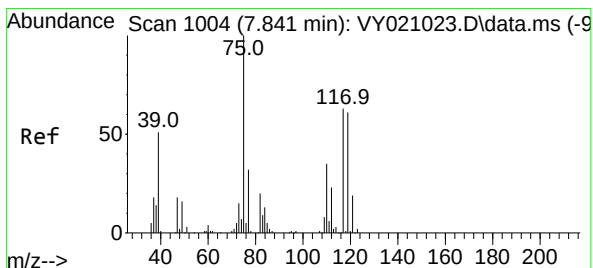
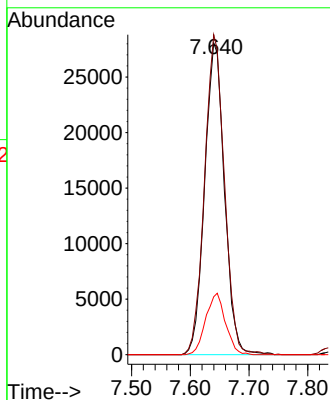
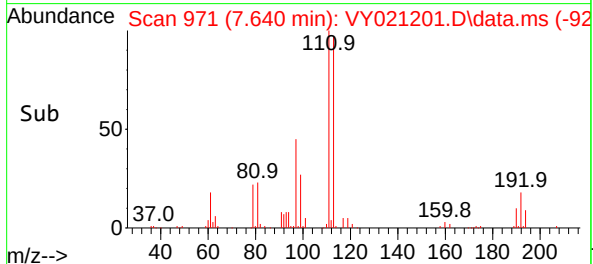


#35
Dibromofluoromethane
Concen: 52.531 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Instrument :
MSVOA_Y
ClientSampleId :

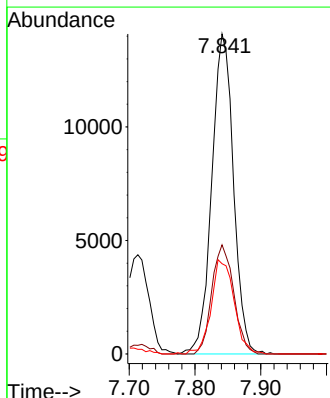
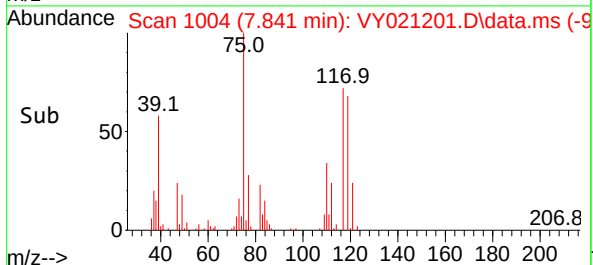
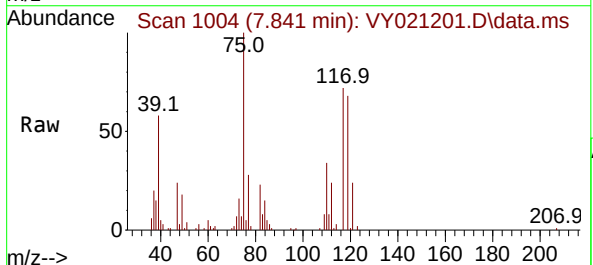


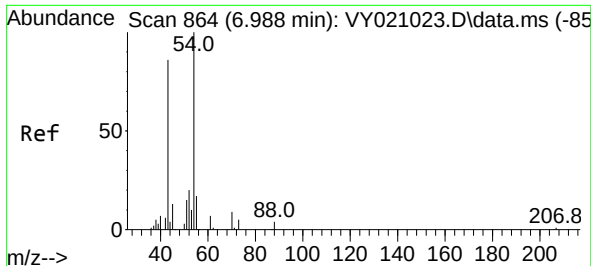
Tgt Ion:113 Resp: 65550
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 19.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 17.496 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 75 Resp: 32338
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 31.2 24.7 37.1

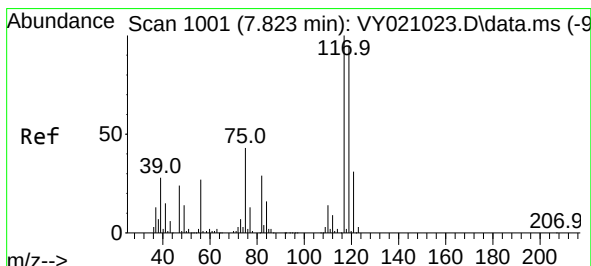
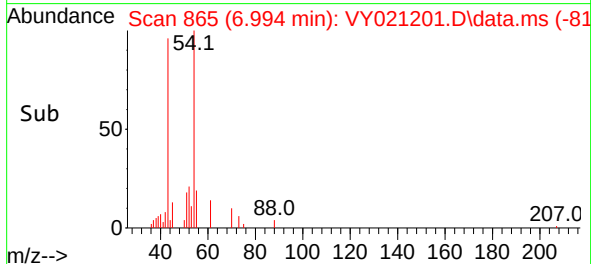
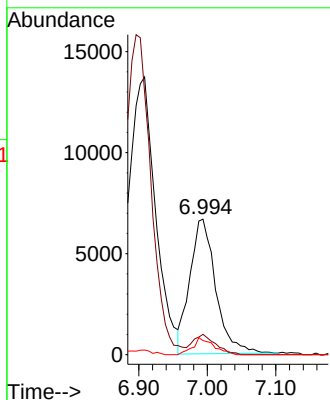
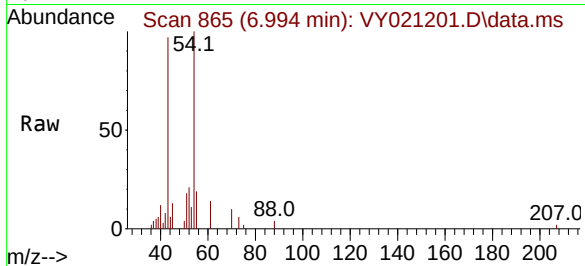




#37
Ethyl Acetate
Concen: 21.635 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

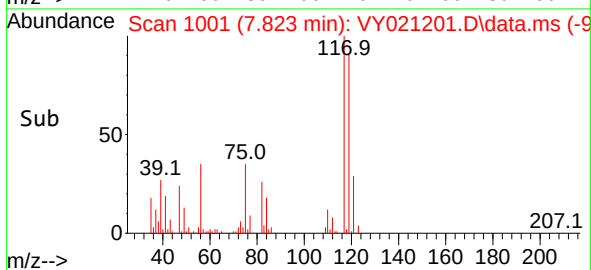
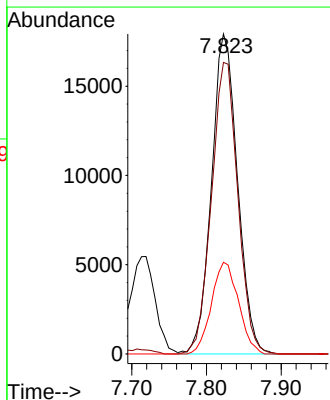
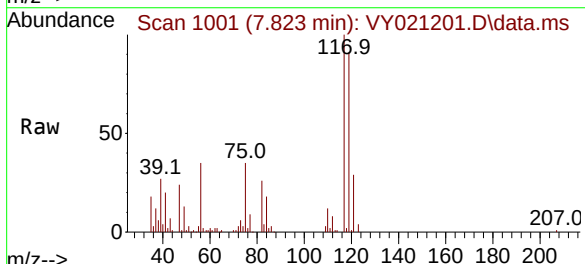
Instrument :
MSVOA_Y
ClientSampleId :

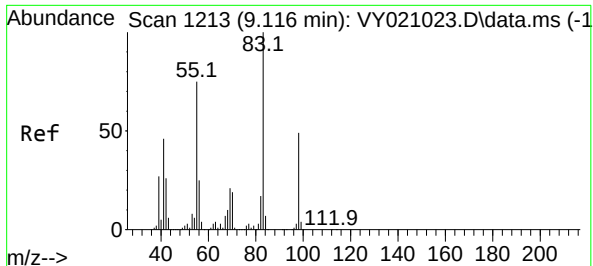
Tgt Ion: 43 Resp: 17542
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.093 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 117 Resp: 43393
Ion Ratio Lower Upper
117 100
119 91.1 76.0 114.0
121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 15.639 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

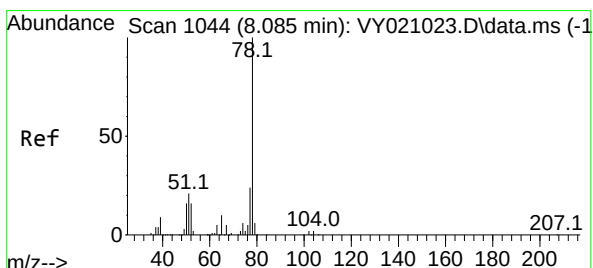
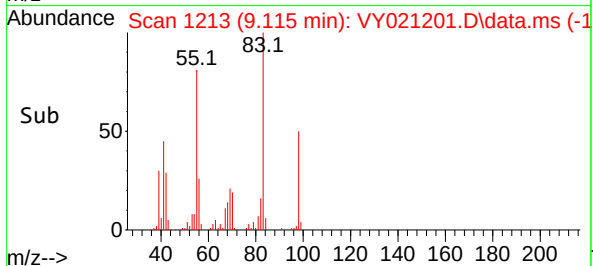
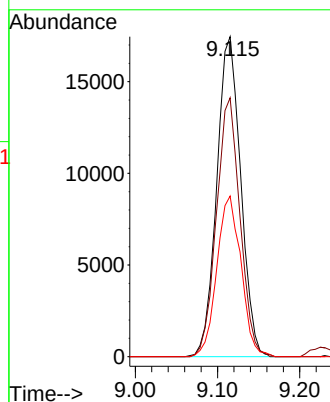
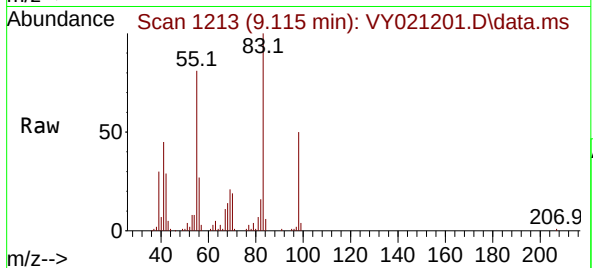
Tgt Ion: 83 Resp: 35357

Ion Ratio Lower Upper

83 100

55 80.9 59.7 89.5

98 50.2 38.0 57.0



#40

Benzene

Concen: 18.964 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021201.D

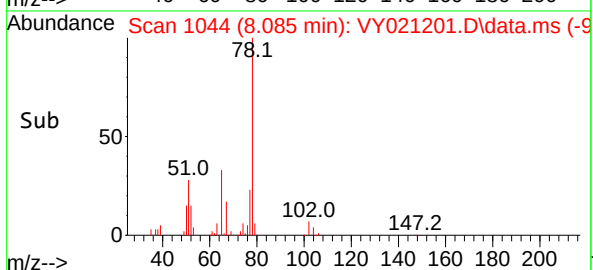
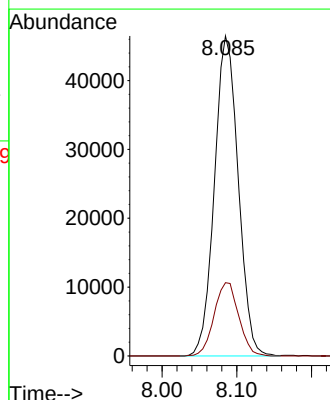
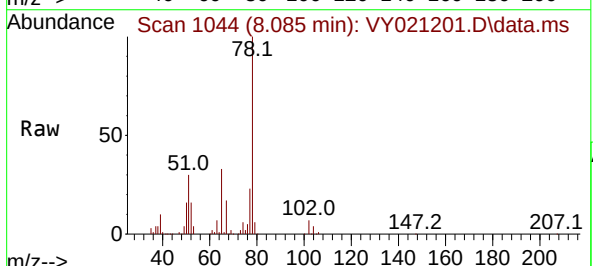
Acq: 14 Feb 2025 10:36

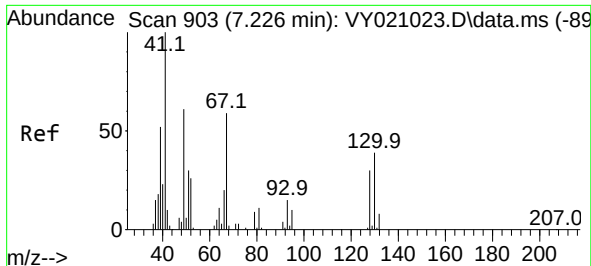
Tgt Ion: 78 Resp: 102858

Ion Ratio Lower Upper

78 100

77 22.9 18.8 28.2

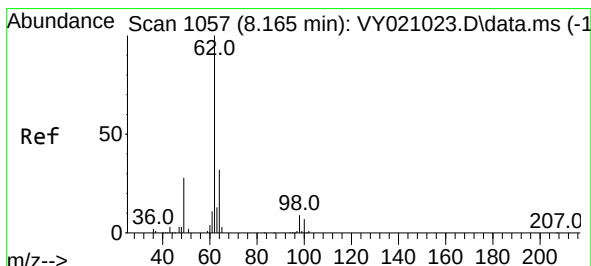
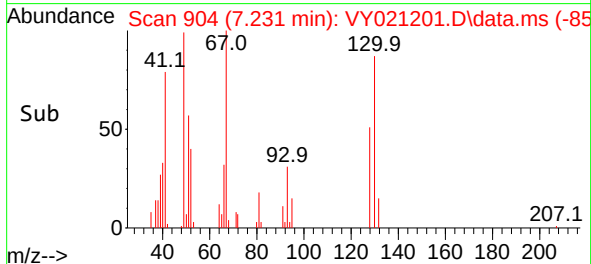
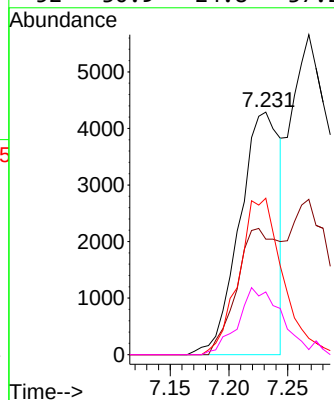
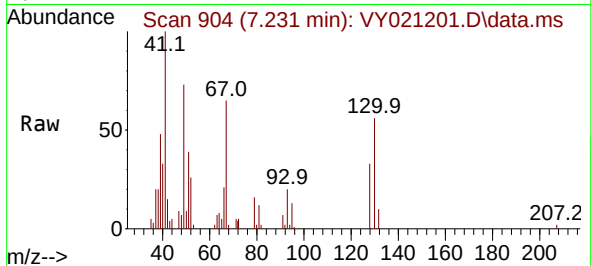




#41
Methacrylonitrile
Concen: 21.759 ug/l
RT: 7.231 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

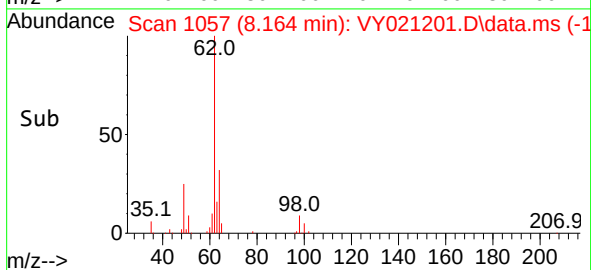
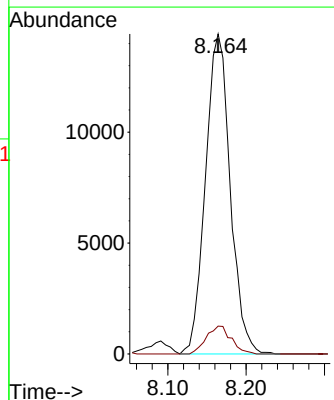
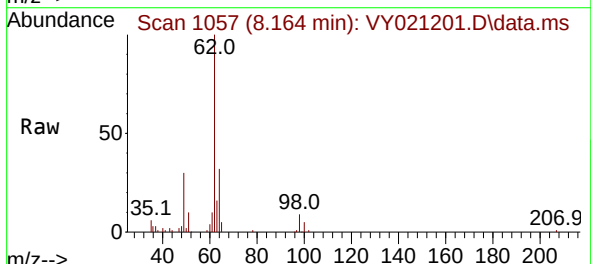
Instrument :
MSVOA_Y
ClientSampleId :

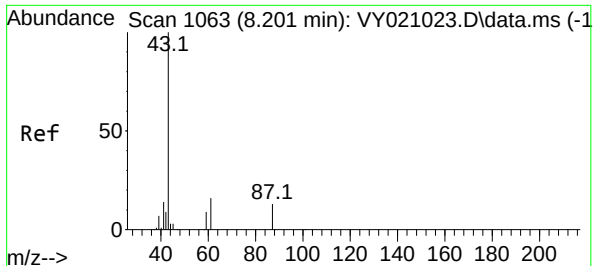
Tgt Ion: 41 Resp: 10207
Ion Ratio Lower Upper
41 100
39 53.9 41.9 62.9
67 70.3 59.8 89.6
52 30.9 24.8 37.2



#42
1,2-Dichloroethane
Concen: 21.060 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 62 Resp: 31687
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.2

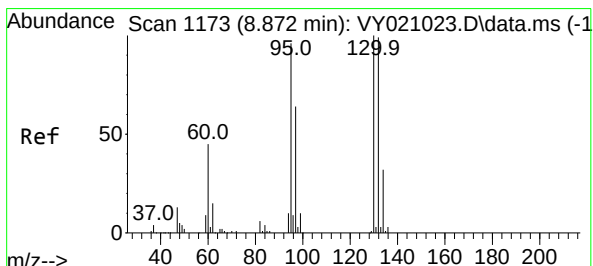
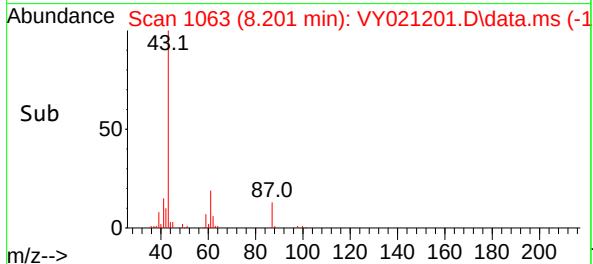
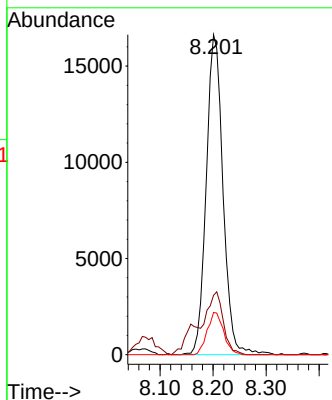
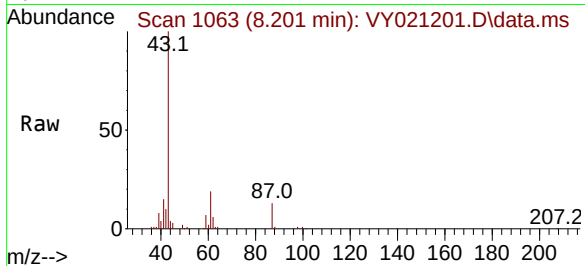




#43
Isopropyl Acetate
Concen: 22.673 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

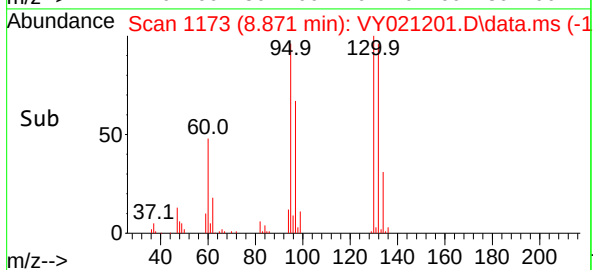
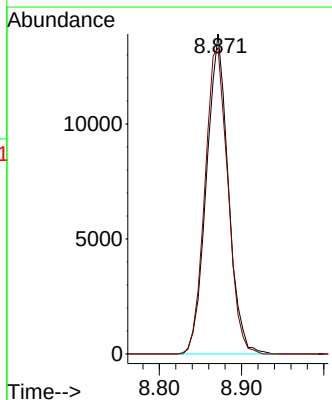
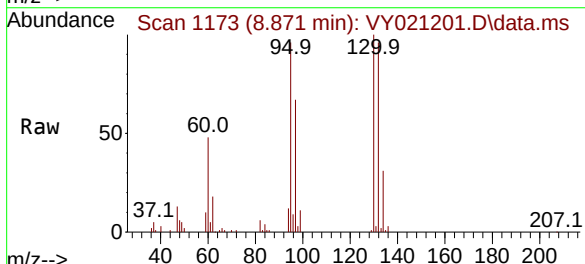
Instrument :
MSVOA_Y
ClientSampleId :

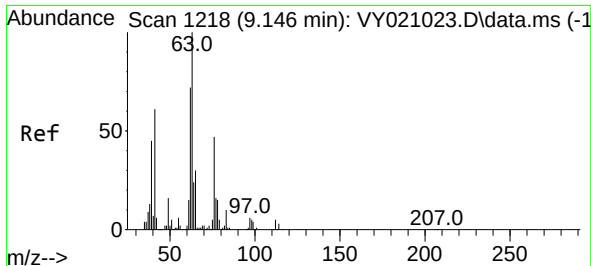
Tgt Ion: 43 Resp: 36528
Ion Ratio Lower Upper
43 100
61 19.4 24.8 37.2#
87 12.9 10.7 16.1



#44
Trichloroethene
Concen: 18.321 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:130 Resp: 25674
Ion Ratio Lower Upper
130 100
95 95.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.906 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

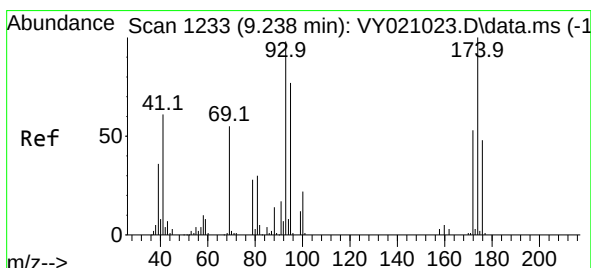
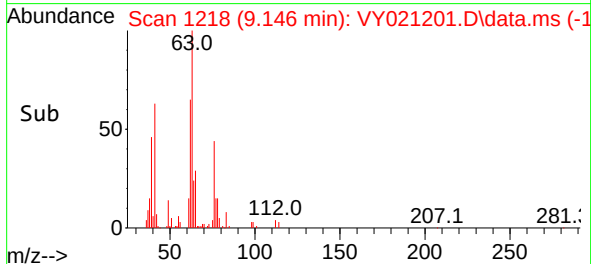
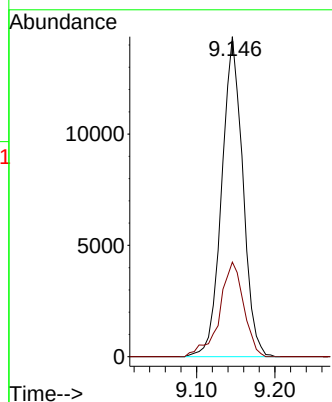
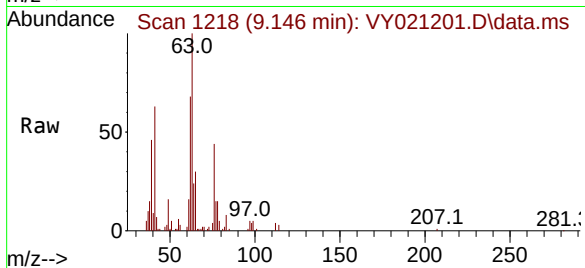
ClientSampleId :

Tgt Ion: 63 Resp: 26914

Ion Ratio Lower Upper

63 100

65 29.5 24.6 36.8



#46

Dibromomethane

Concen: 20.839 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

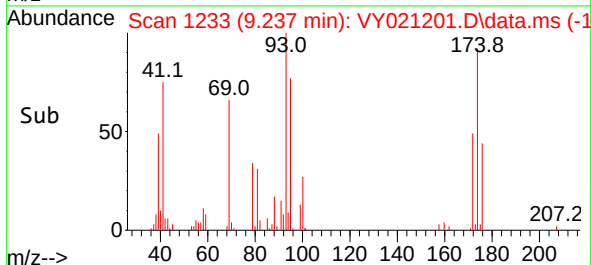
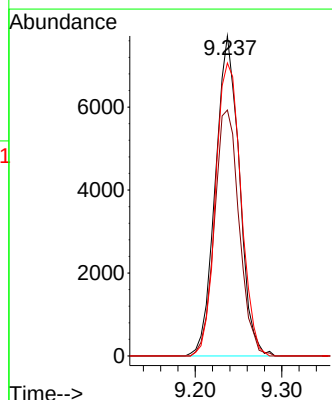
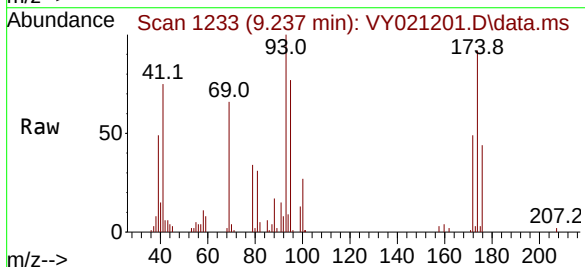
Tgt Ion: 93 Resp: 14854

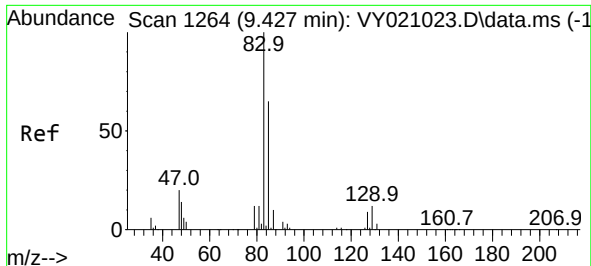
Ion Ratio Lower Upper

93 100

95 79.1 66.6 99.8

174 96.1 73.8 110.6



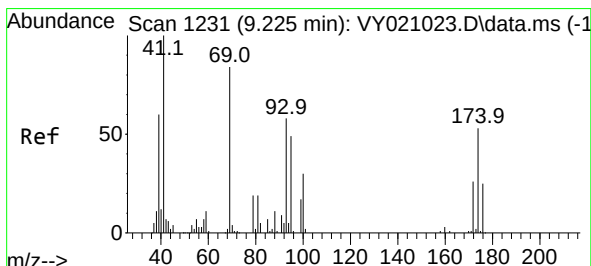
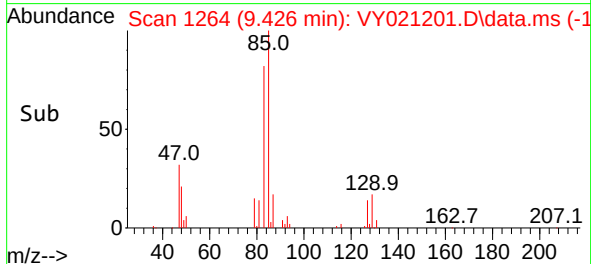
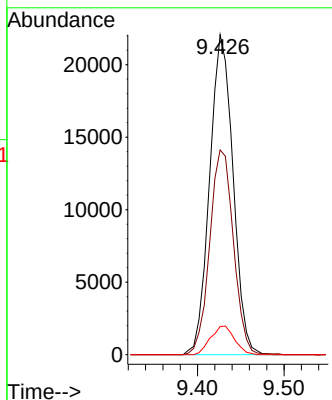
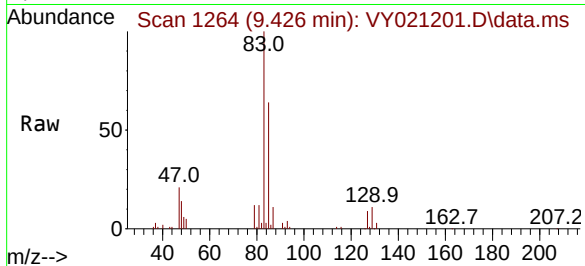


#47
 Bromodichloromethane
 Concen: 21.635 ug/l
 RT: 9.426 min Scan# 1264
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 83 Resp: 41359

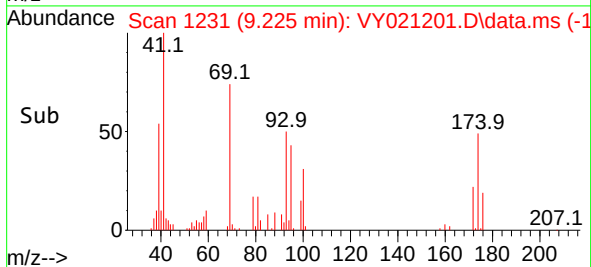
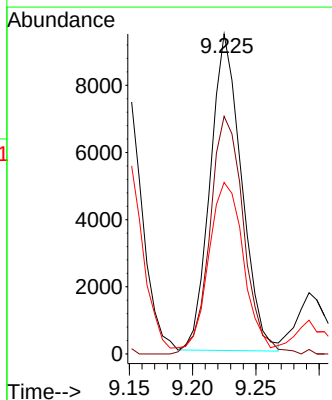
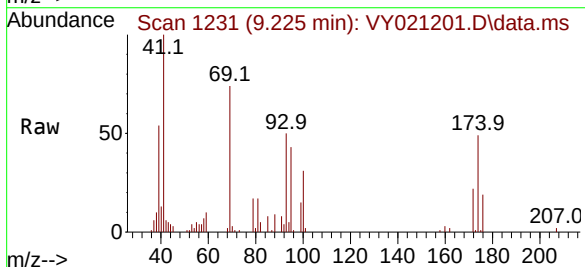
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.2	79.8
127	8.8	6.4	9.6

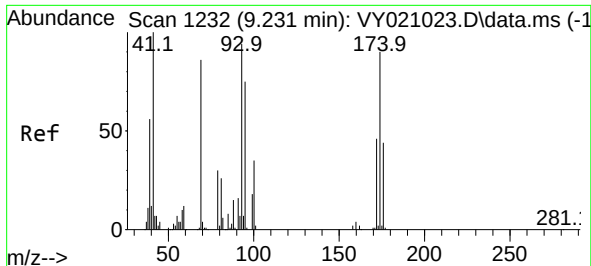


#48
 Methyl methacrylate
 Concen: 22.157 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 41 Resp: 16260

Ion	Ratio	Lower	Upper
41	100		
69	80.4	72.1	108.1
39	61.1	42.8	64.2





#49

1,4-Dioxane

Concen: 473.054 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

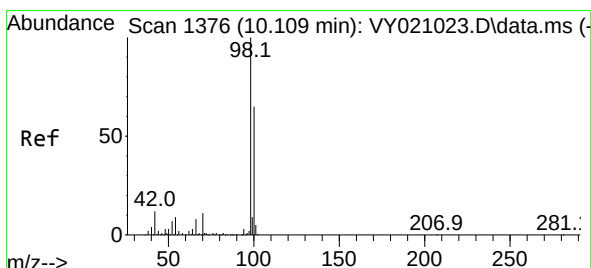
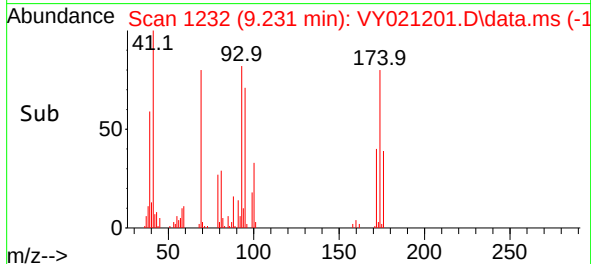
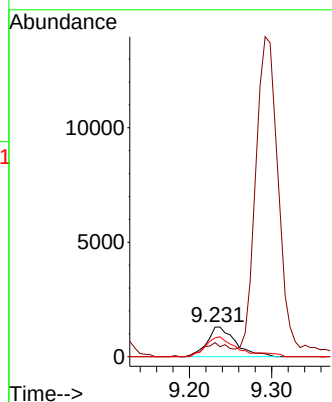
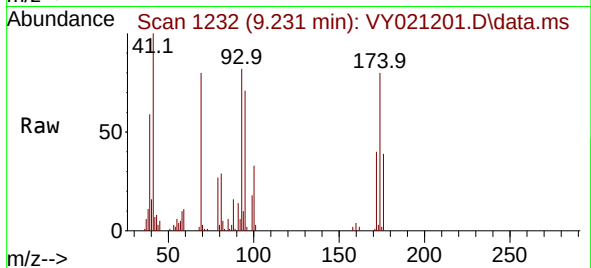
Tgt Ion: 88 Resp: 3139

Ion Ratio Lower Upper

88 100

43 42.3 28.2 42.4

58 68.6 52.2 78.2



#50

Toluene-d8

Concen: 51.853 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021201.D

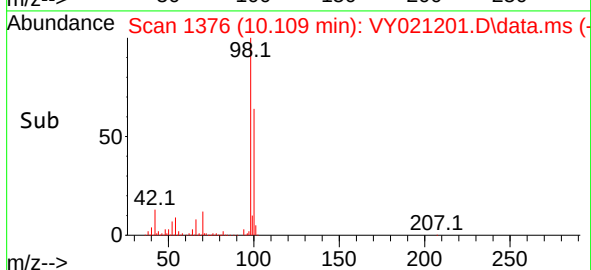
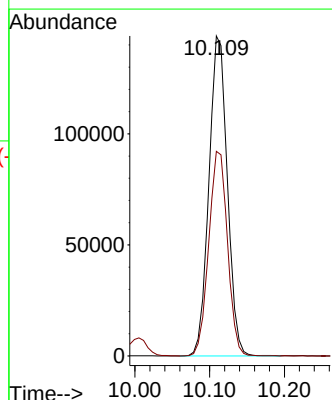
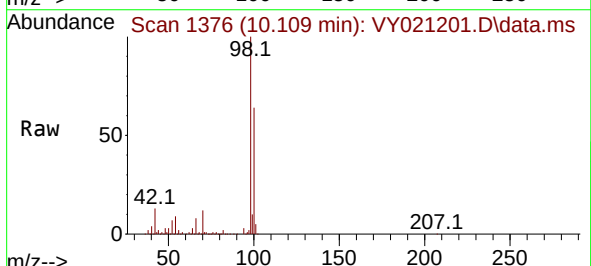
Acq: 14 Feb 2025 10:36

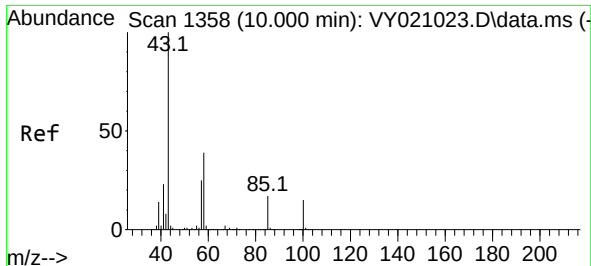
Tgt Ion: 98 Resp: 246330

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

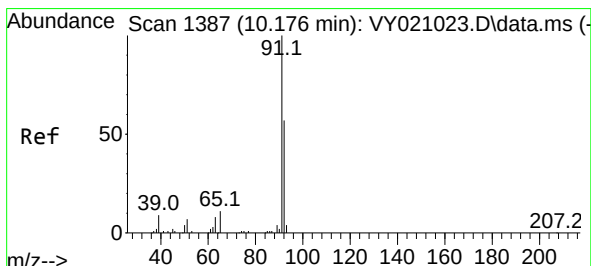
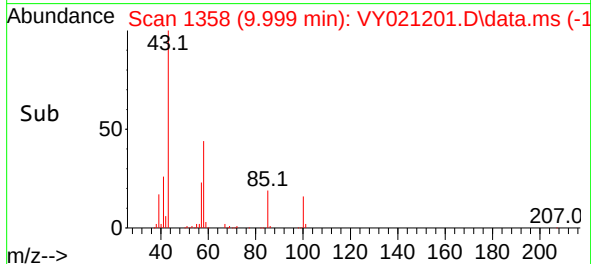
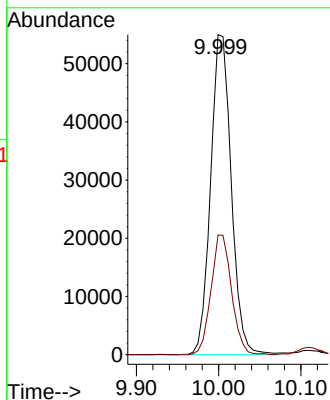
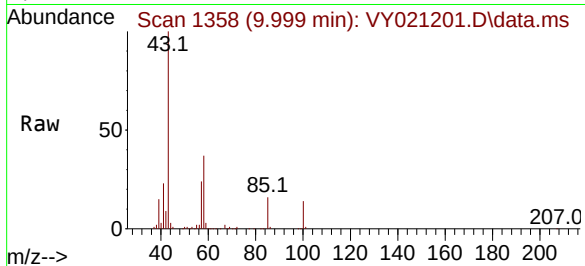




#51
4-Methyl-2-Pentanone
Concen: 118.610 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

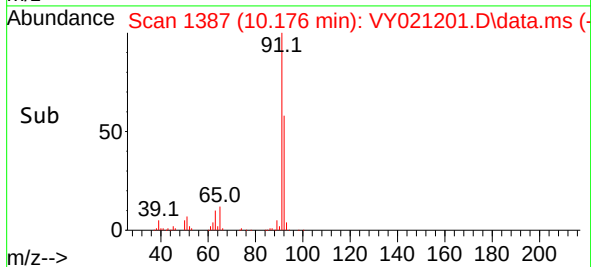
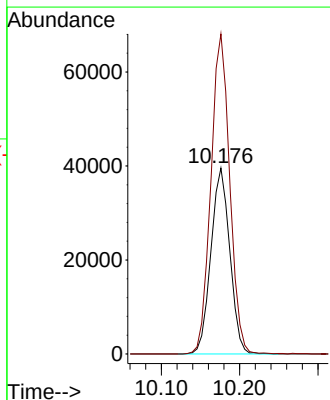
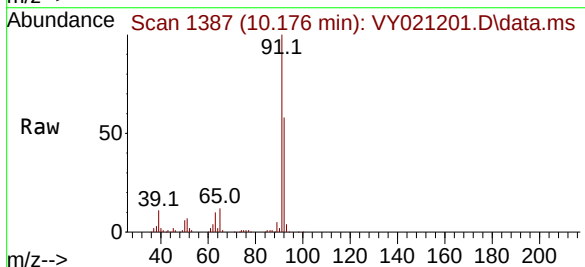
Instrument :
MSVOA_Y
ClientSampleId :

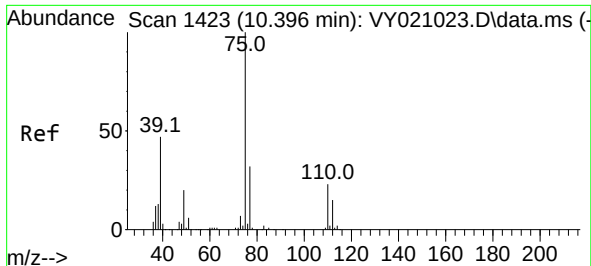
Tgt Ion: 43 Resp: 96095
Ion Ratio Lower Upper
43 100
58 37.1 32.2 48.2



#52
Toluene
Concen: 19.444 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 92 Resp: 66222
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 21.785 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

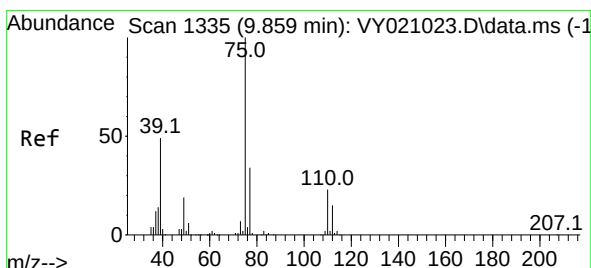
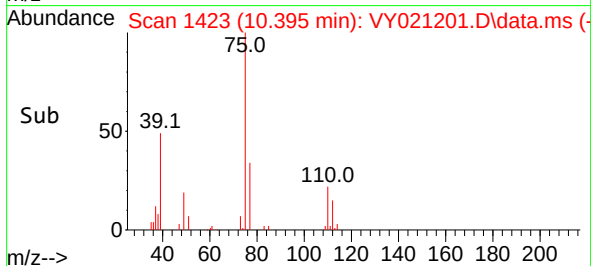
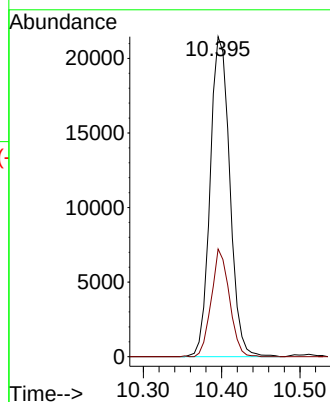
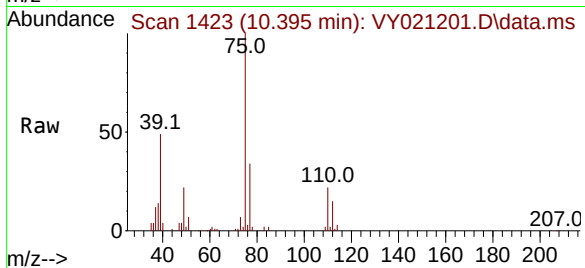
ClientSampleId :

Tgt Ion: 75 Resp: 37394

Ion Ratio Lower Upper

75 100

77 33.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.962 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

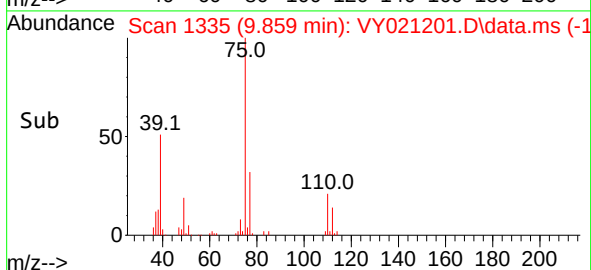
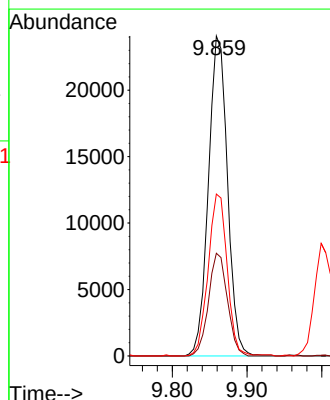
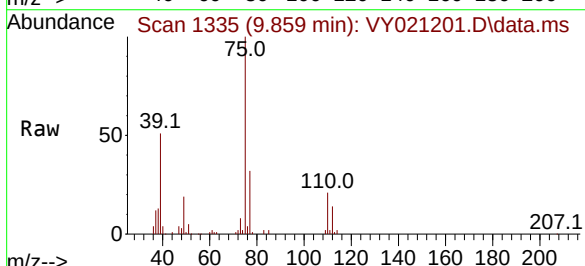
Tgt Ion: 75 Resp: 42603

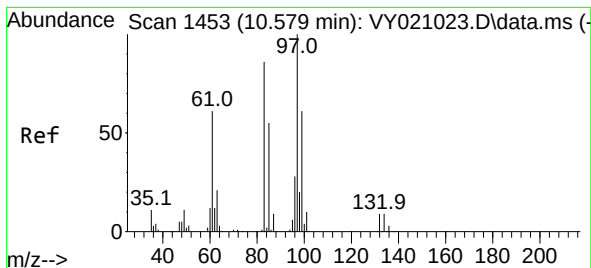
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 50.6 33.6 50.4#

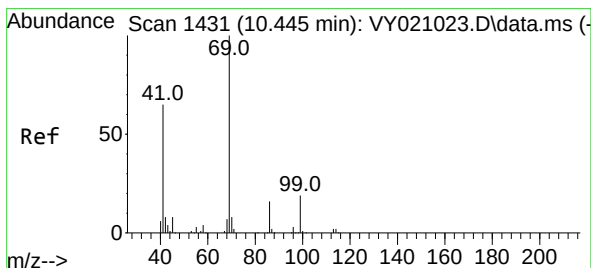
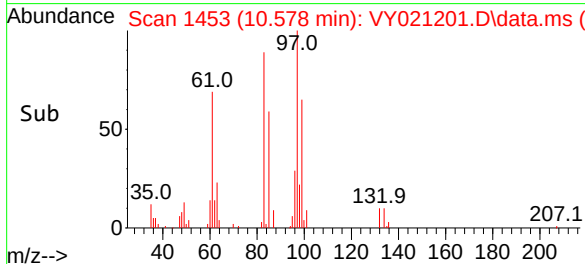
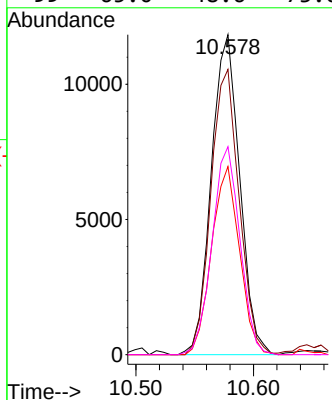
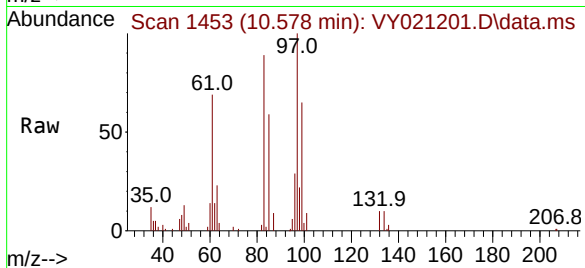




#55
1,1,2-Trichloroethane
Concen: 21.554 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

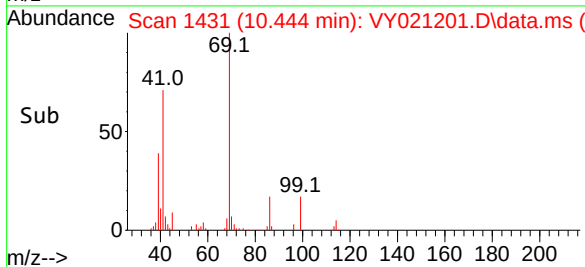
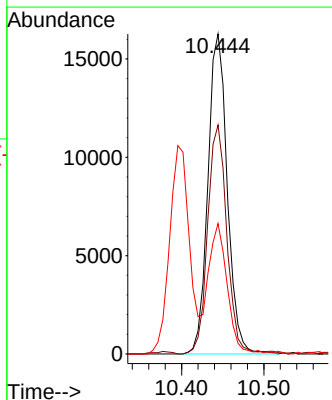
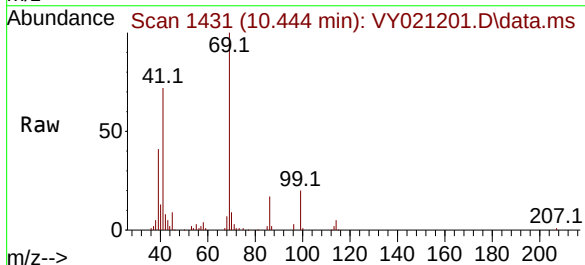
Instrument :
MSVOA_Y
ClientSampleId :

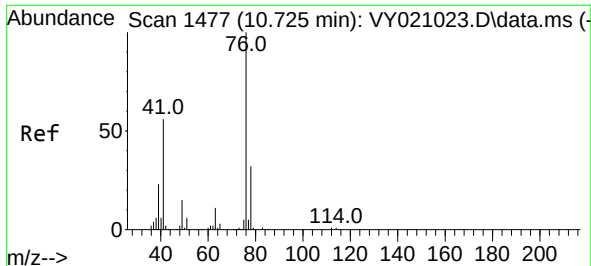
Tgt Ion:	97	Resp:	19895
Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.4	104.2
85	58.8	43.9	65.9
99	65.0	48.6	73.0



#56
Ethyl methacrylate
Concen: 21.598 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:	69	Resp:	26669
Ion	Ratio	Lower	Upper
69	100		
41	70.6	49.2	73.8
39	40.1	26.8	40.2





#57

1,3-Dichloropropane

Concen: 21.744 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.007 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

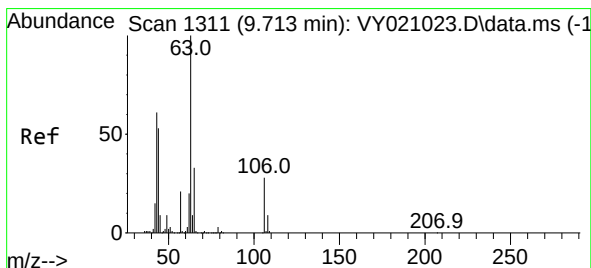
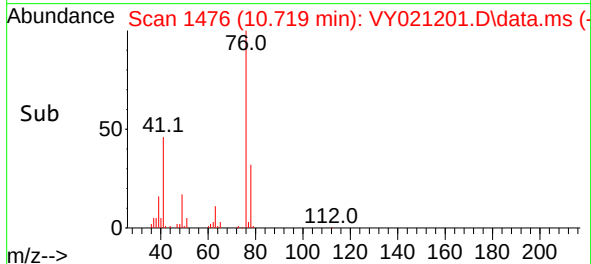
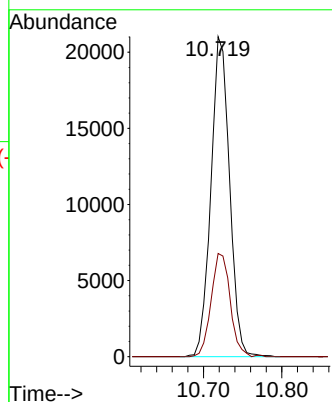
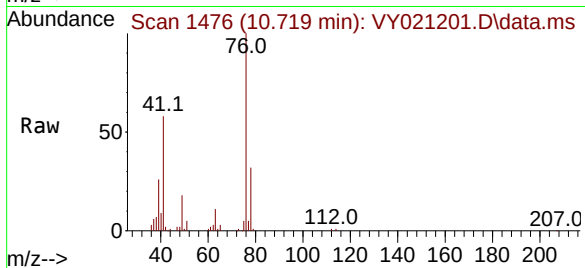
ClientSampleId :

Tgt Ion: 76 Resp: 34739

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.387 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021201.D

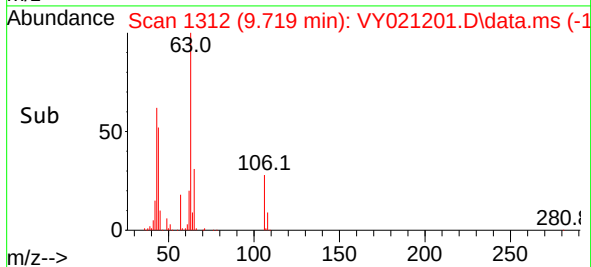
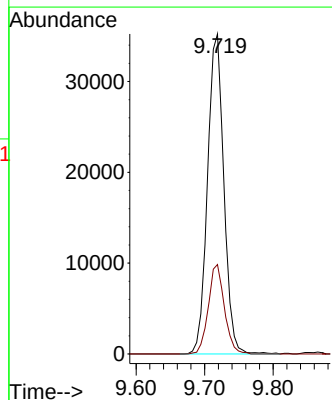
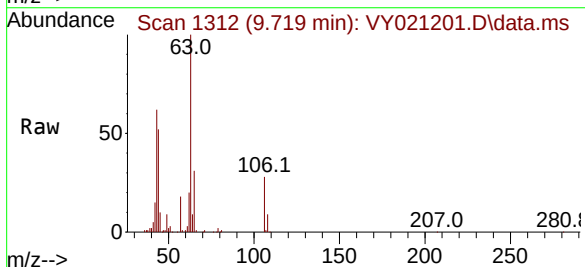
Acq: 14 Feb 2025 10:36

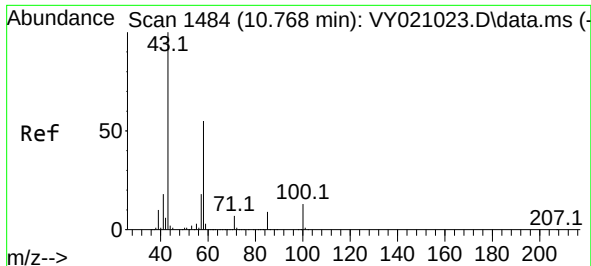
Tgt Ion: 63 Resp: 58385

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

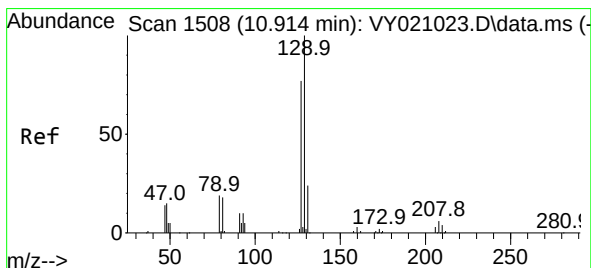
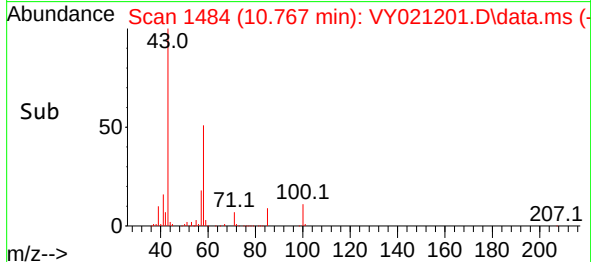
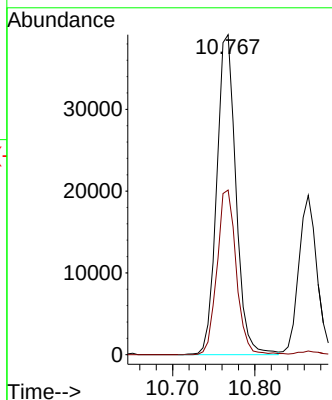
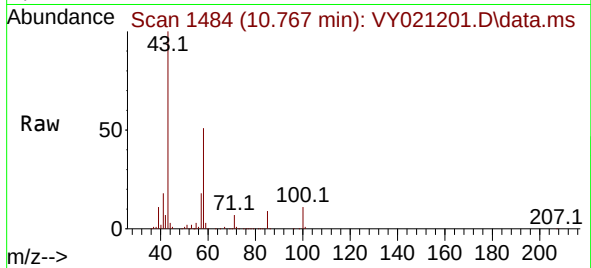




#59
2-Hexanone
Concen: 121.678 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

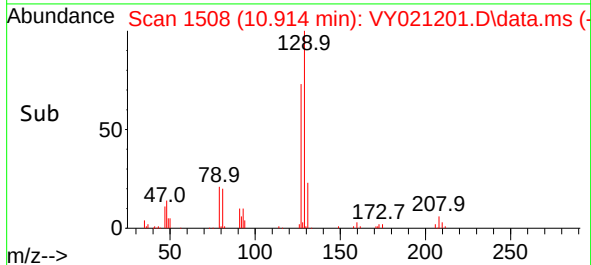
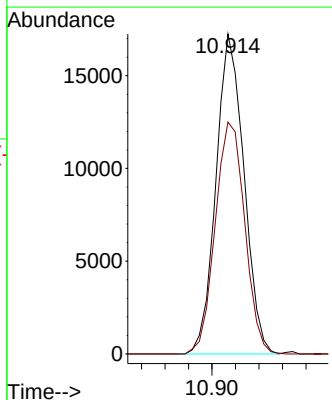
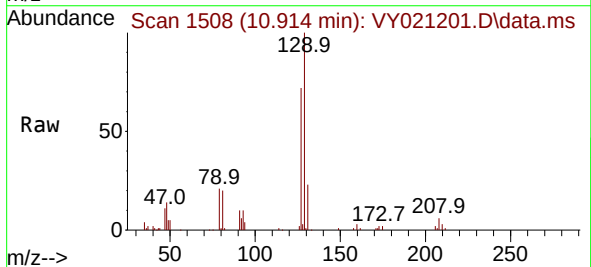
Instrument :
MSVOA_Y
ClientSampleId :

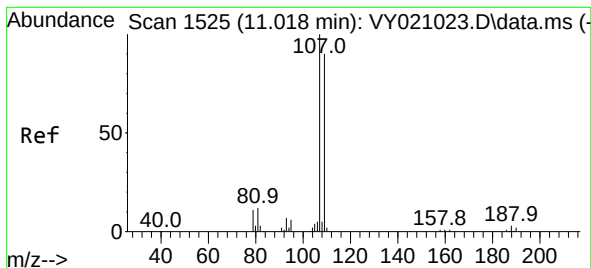
Tgt Ion: 43 Resp: 63472
Ion Ratio Lower Upper
43 100
58 51.6 28.1 84.3



#60
Dibromochloromethane
Concen: 21.990 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 129 Resp: 28505
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

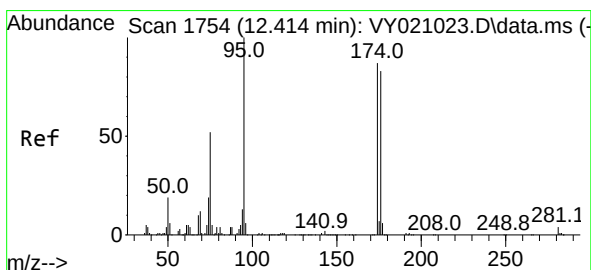
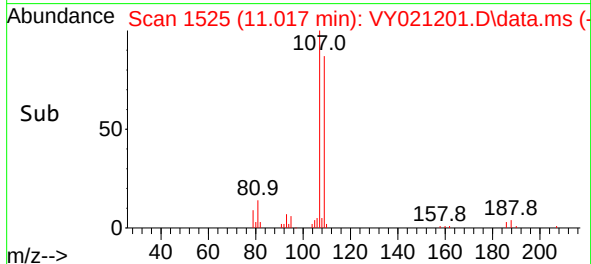
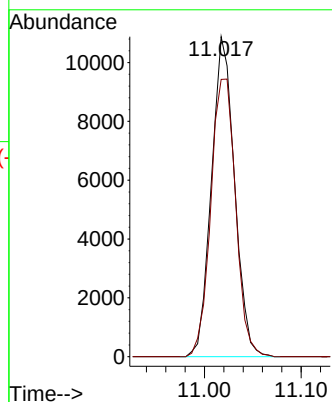
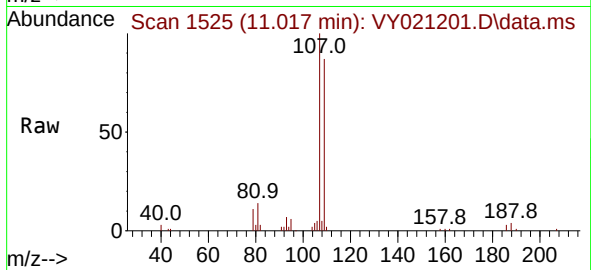




#61
1,2-Dibromoethane
Concen: 20.852 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

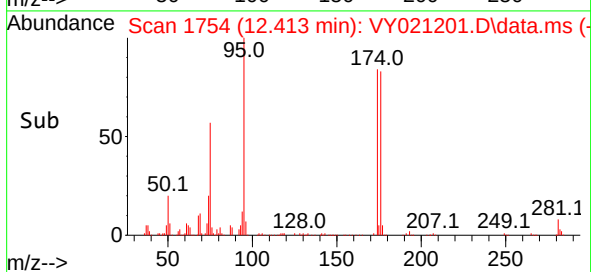
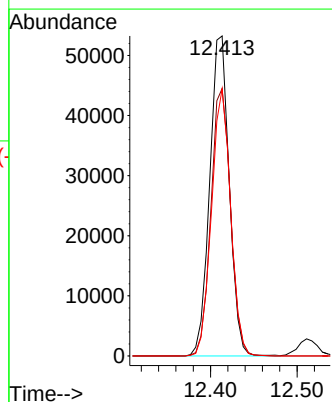
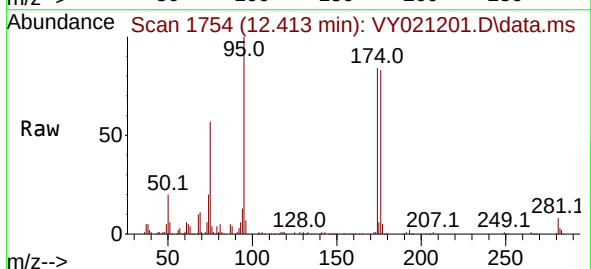
Instrument :
MSVOA_Y
ClientSampleId :

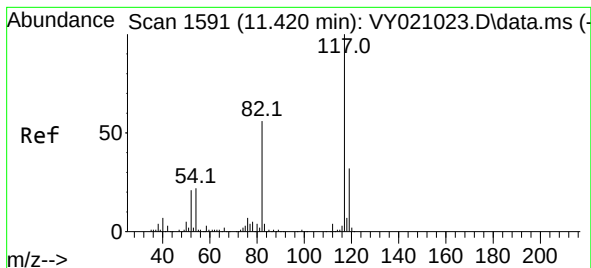
Tgt Ion:107 Resp: 18028
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.717 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 95 Resp: 83369
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 81.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

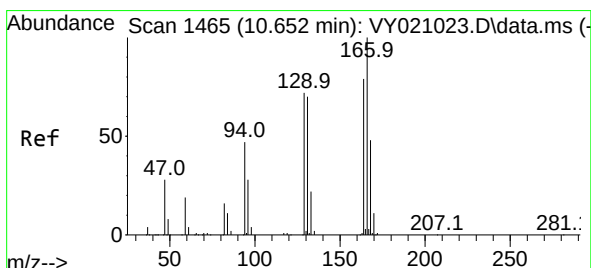
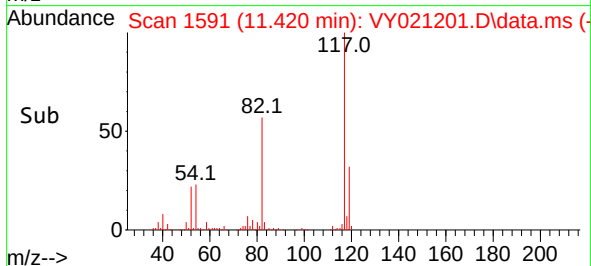
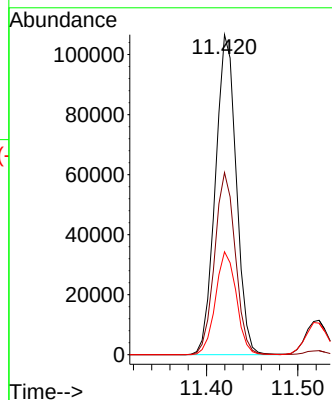
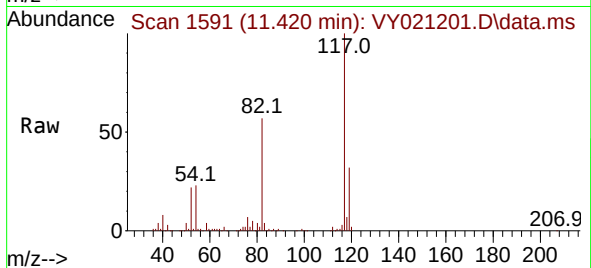
Tgt Ion:117 Resp: 169176

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 17.709 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Tgt Ion:164 Resp: 22240

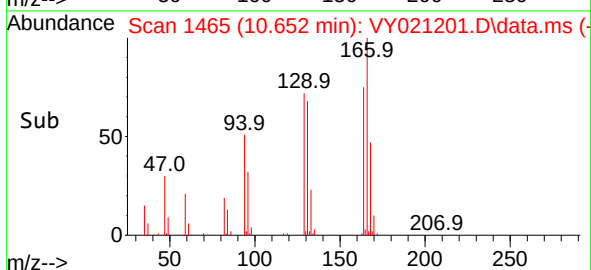
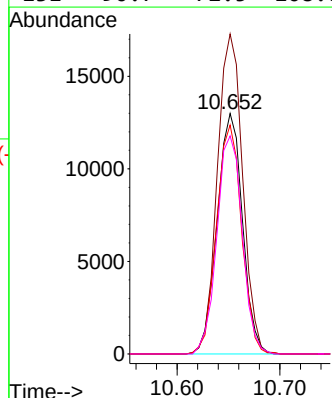
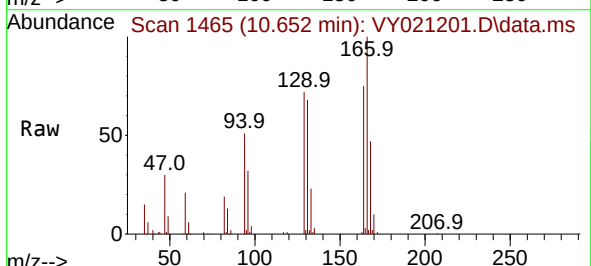
Ion Ratio Lower Upper

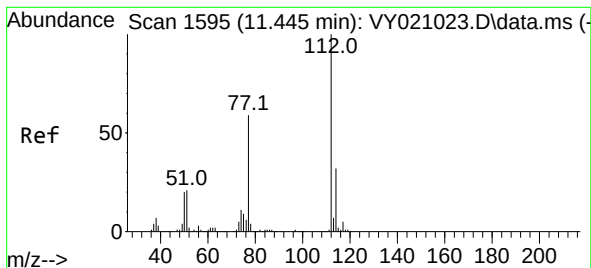
164 100

166 133.1 98.8 148.2

129 95.3 78.9 118.3

131 90.7 72.5 108.7





#65

Chlorobenzene

Concen: 19.954 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

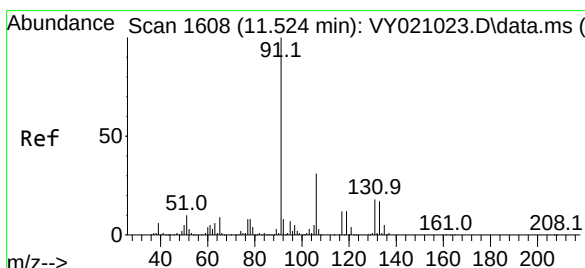
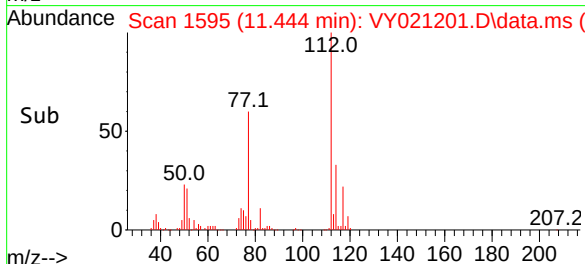
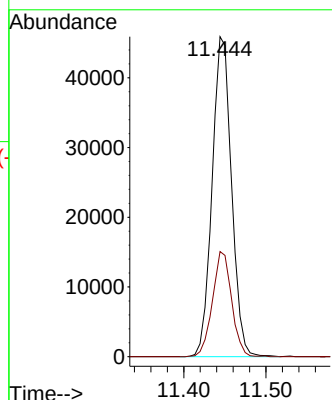
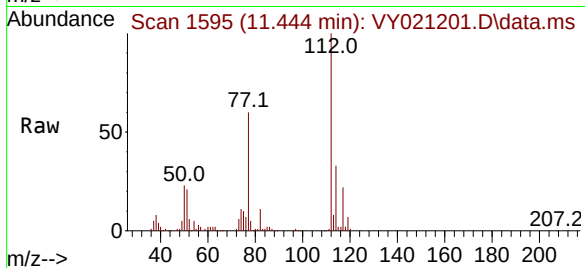
ClientSampleId :

Tgt Ion:112 Resp: 75165

Ion Ratio Lower Upper

112 100

114 32.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.508 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

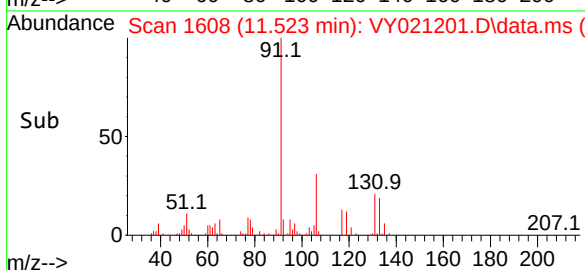
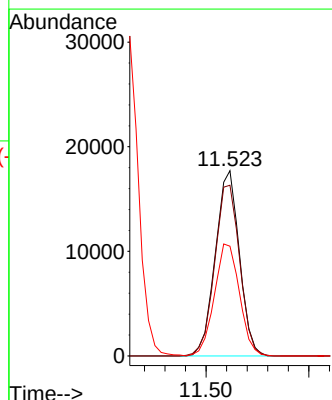
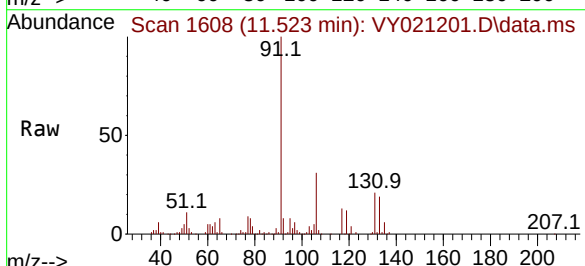
Tgt Ion:131 Resp: 28792

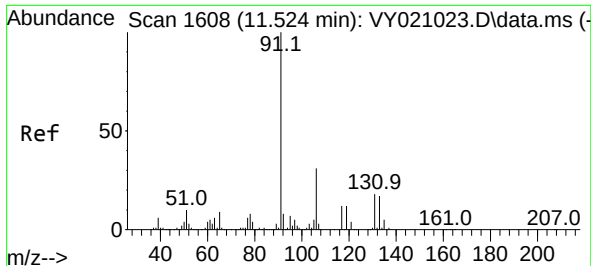
Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.0

119 63.2 33.3 99.9





#67

Ethyl Benzene

Concen: 19.818 ug/l

RT: 11.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

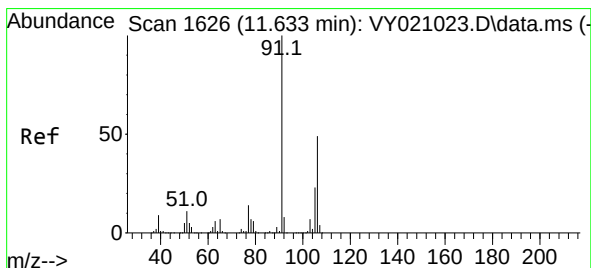
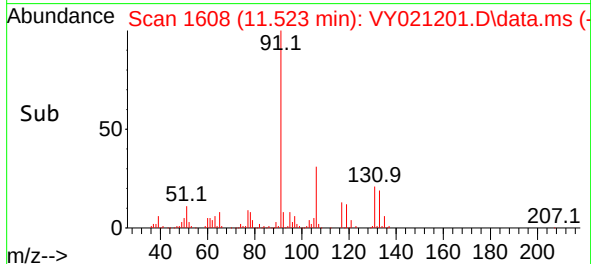
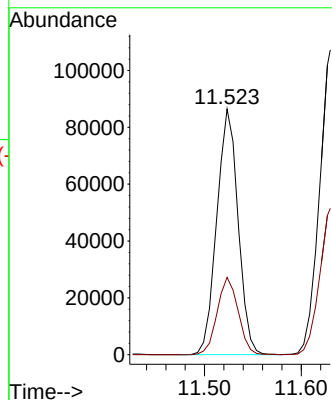
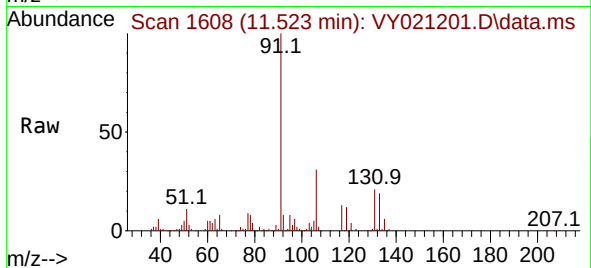
ClientSampleId :

Tgt Ion: 91 Resp: 132047

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 39.876 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021201.D

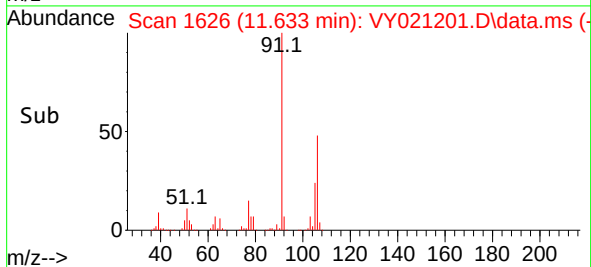
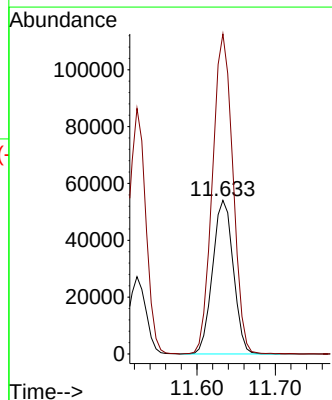
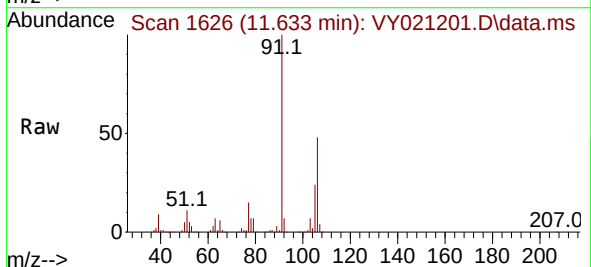
Acq: 14 Feb 2025 10:36

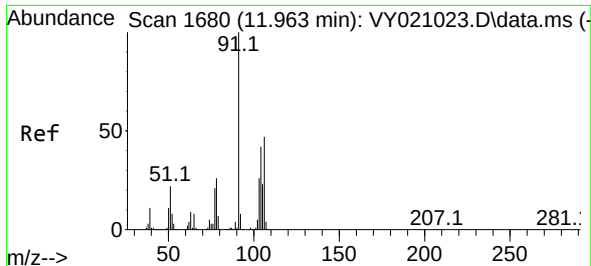
Tgt Ion:106 Resp: 99393

Ion Ratio Lower Upper

106 100

91 206.0 160.7 241.1

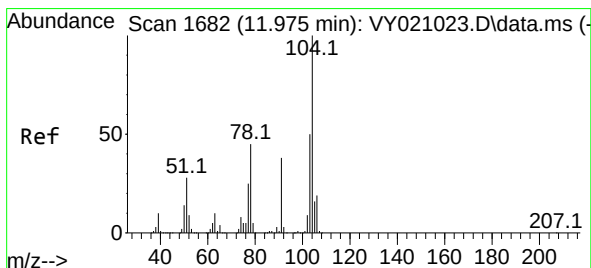
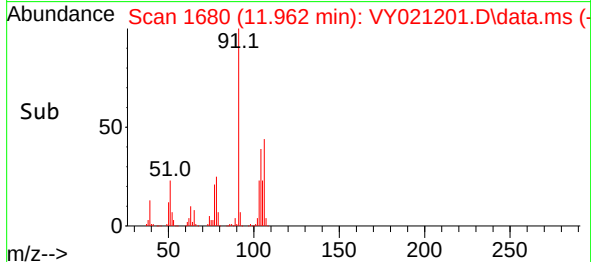
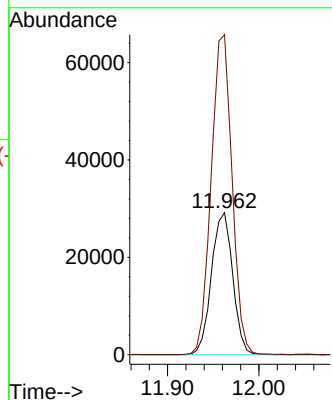
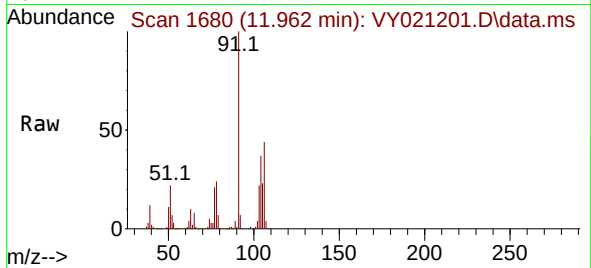




#69
o-Xylene
Concen: 20.283 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

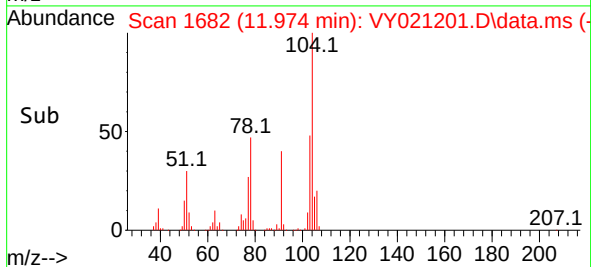
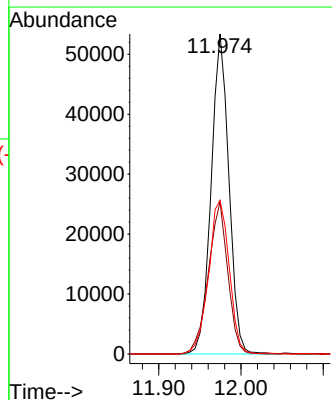
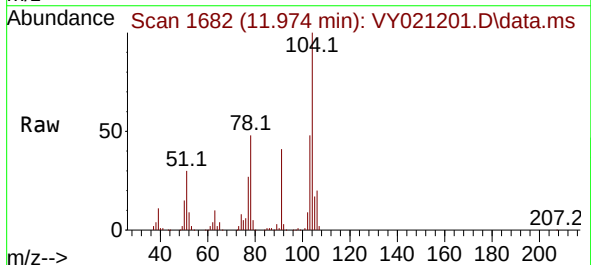
Instrument :
MSVOA_Y
ClientSampleId :

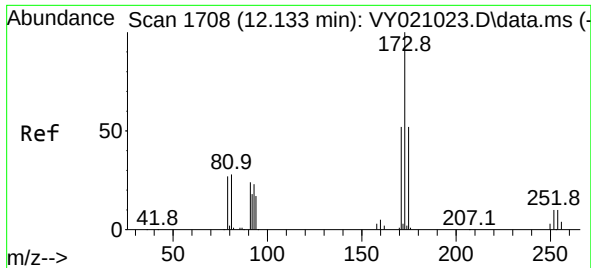
Tgt Ion:106 Resp: 47135
Ion Ratio Lower Upper
106 100
91 221.5 106.5 319.5



#70
Styrene
Concen: 20.690 ug/l
RT: 11.974 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:104 Resp: 80135
Ion Ratio Lower Upper
104 100
78 51.8 39.2 58.8
103 55.7 43.8 65.6

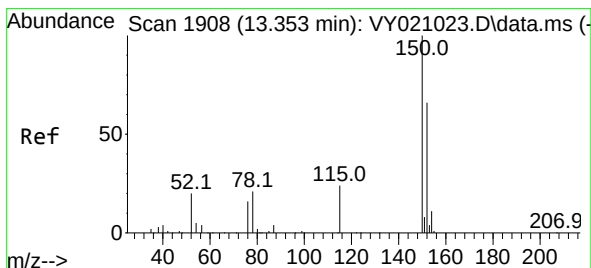
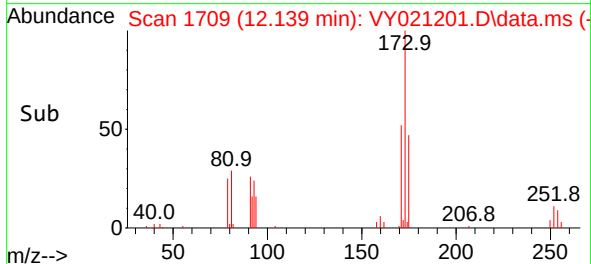
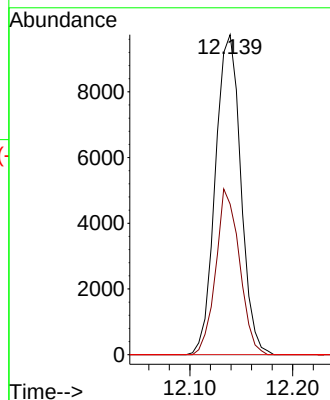
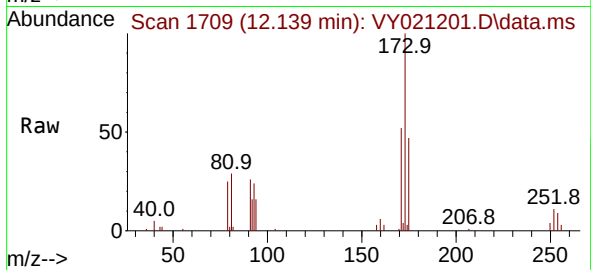




#71
Bromoform
Concen: 22.425 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

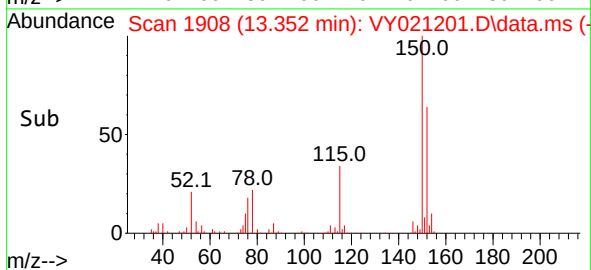
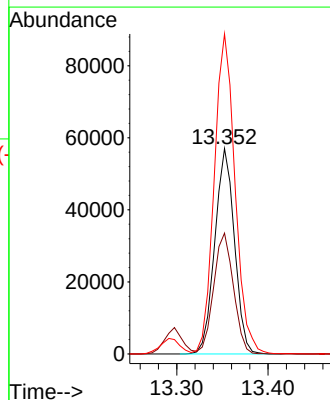
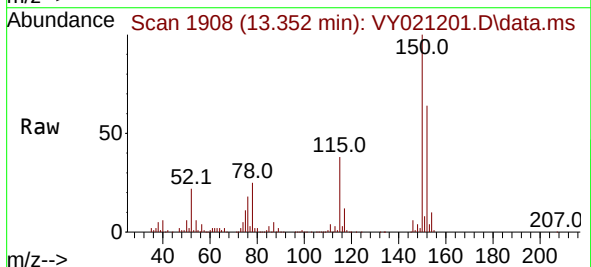
Instrument :
MSVOA_Y
ClientSampleId :

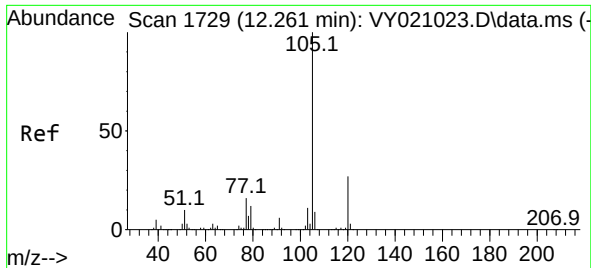
Tgt Ion:173 Resp: 16710
Ion Ratio Lower Upper
173 100
175 48.2 23.5 70.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:152 Resp: 85418
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 165.0 0.0 344.6

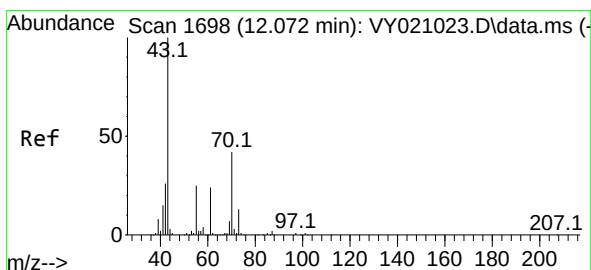
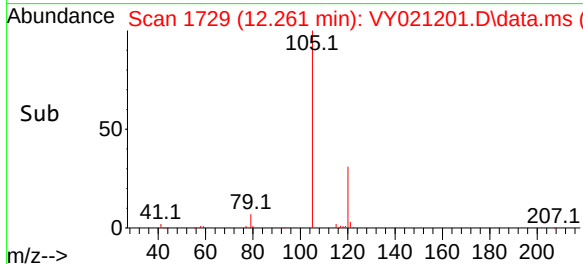
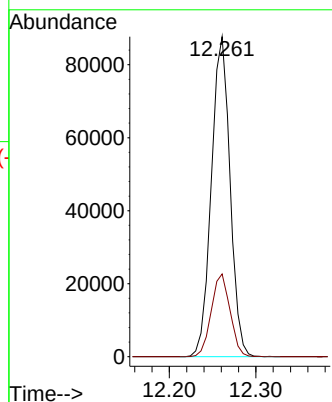
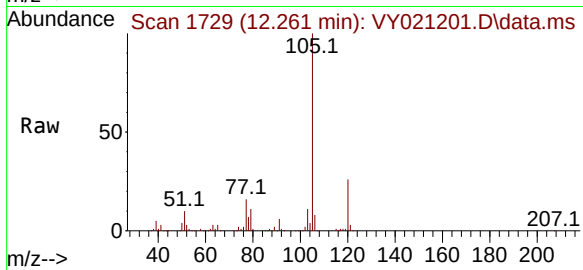




#73
Isopropylbenzene
Concen: 19.679 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

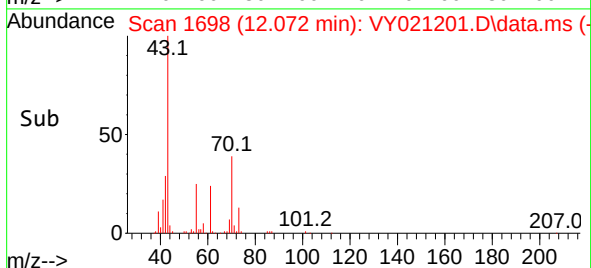
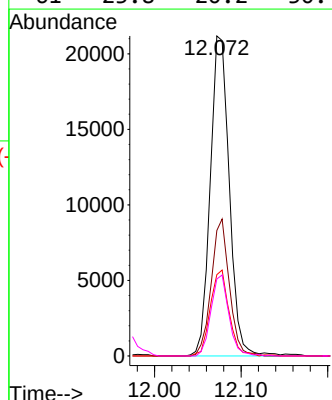
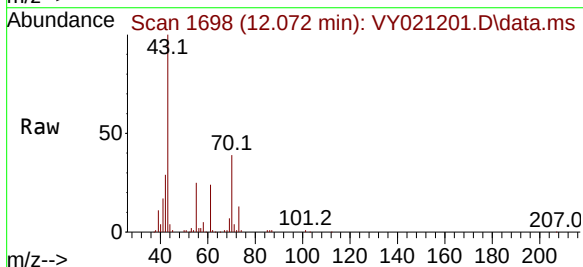
Instrument :
MSVOA_Y
ClientSampleId :

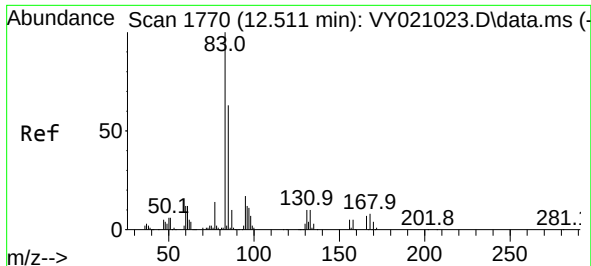
Tgt Ion:105 Resp: 131307
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 22.205 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 43 Resp: 32392
Ion Ratio Lower Upper
43 100
70 40.6 36.6 55.0
55 26.3 22.2 33.4
61 23.8 20.2 30.4

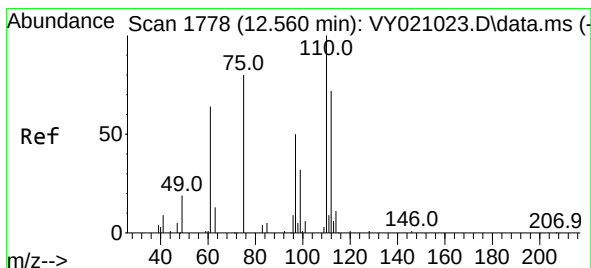
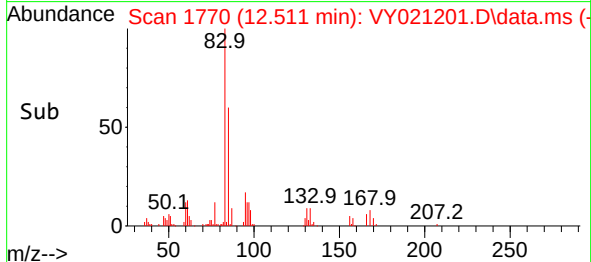
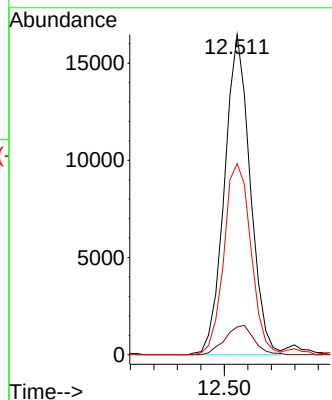
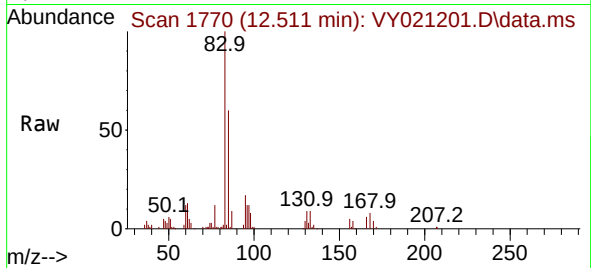




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.540 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

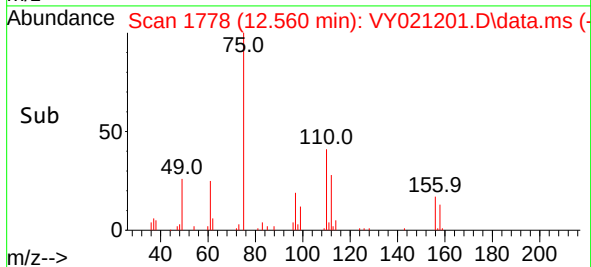
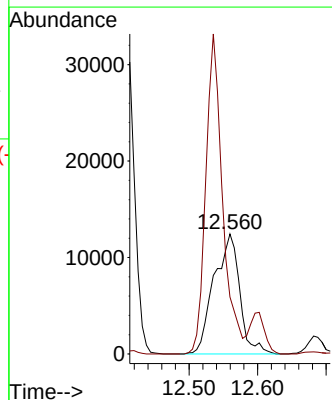
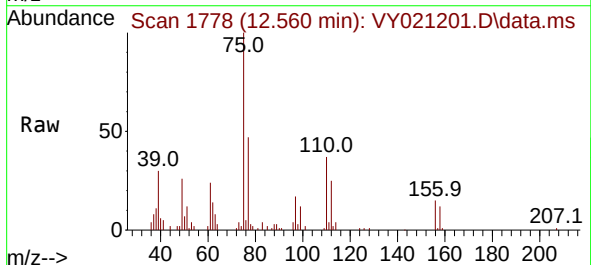
Instrument :
 MSVOA_Y
 ClientSampleId :

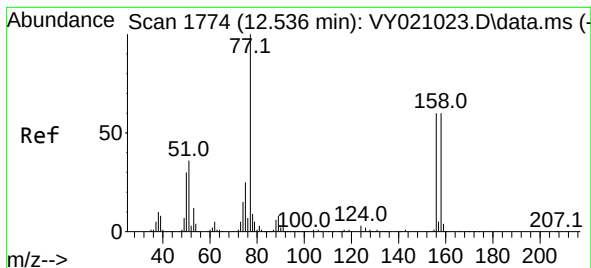
Tgt Ion: 83 Resp: 25013
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 62.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 41.718 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 75 Resp: 32325
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.873 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

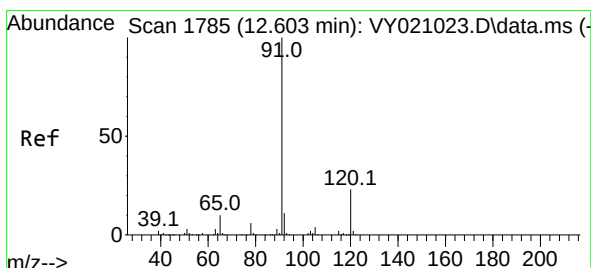
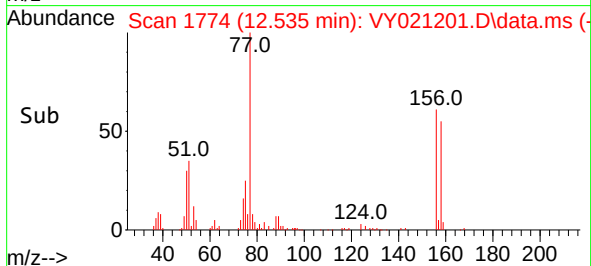
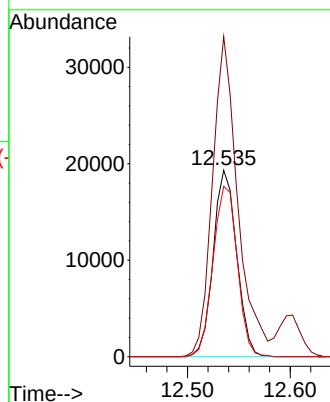
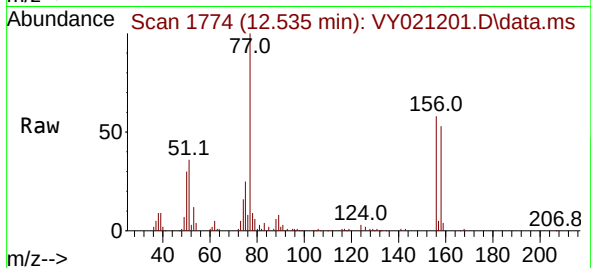
Tgt Ion:156 Resp: 30599

Ion Ratio Lower Upper

156 100

77 185.0 97.3 291.8

158 94.5 48.4 145.0



#78

n-propylbenzene

Concen: 20.106 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021201.D

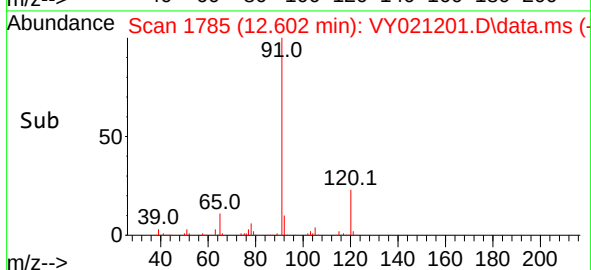
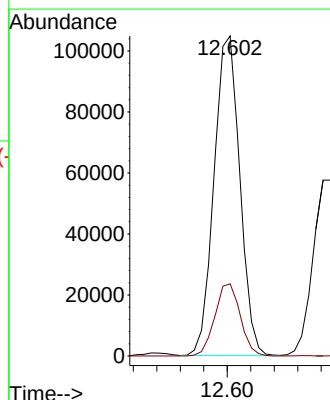
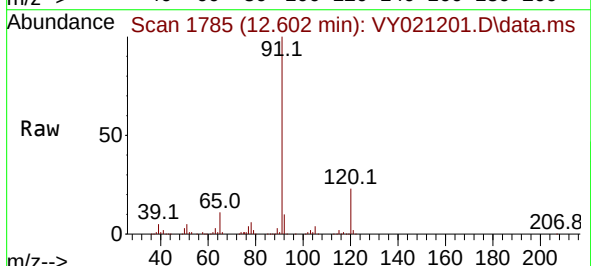
Acq: 14 Feb 2025 10:36

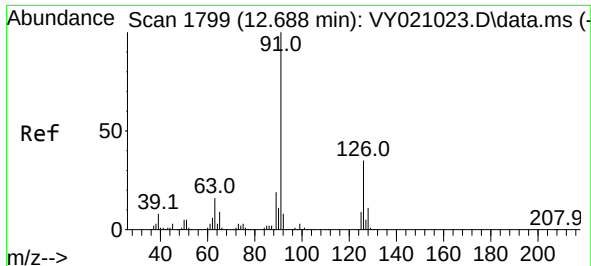
Tgt Ion: 91 Resp: 159807

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

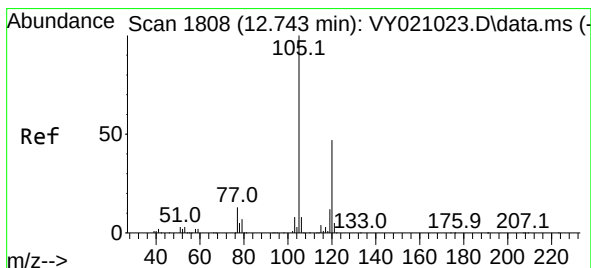
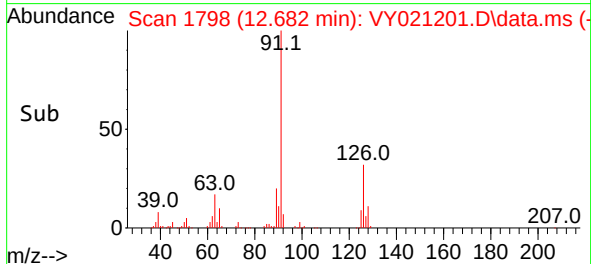
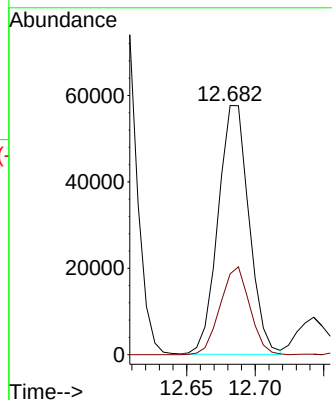
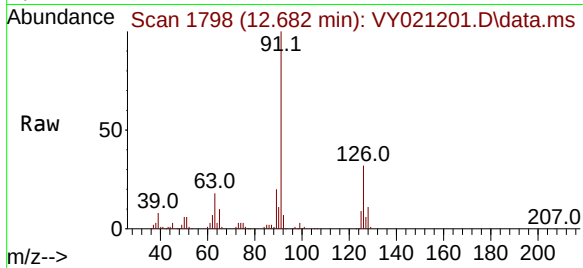




#79
2-Chlorotoluene
Concen: 19.903 ug/l
RT: 12.682 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

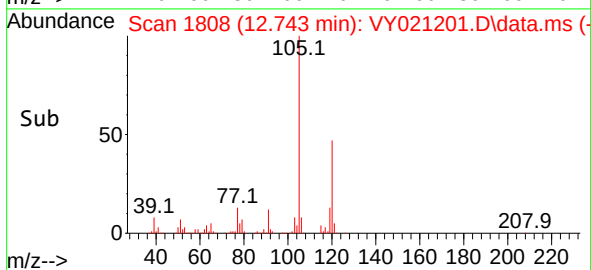
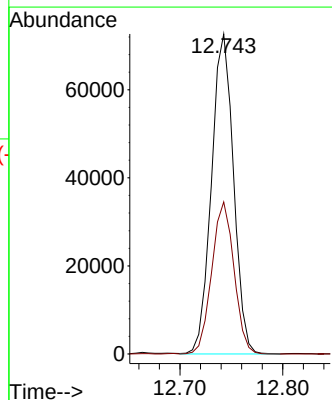
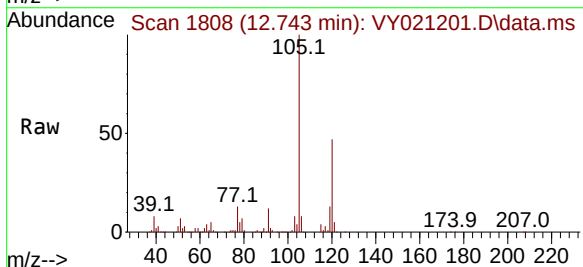
Instrument :
MSVOA_Y
ClientSampleId :

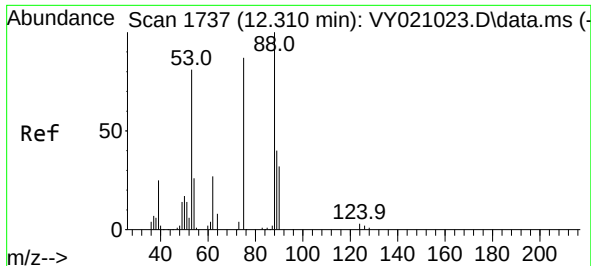
Tgt Ion: 91 Resp: 90604
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.986 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:105 Resp: 108118
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

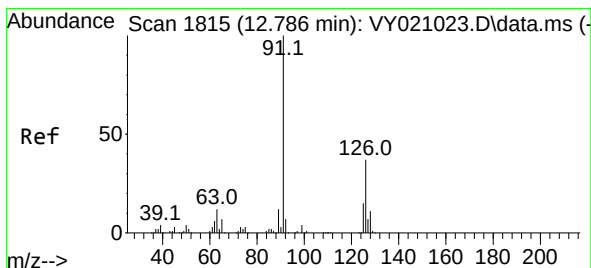
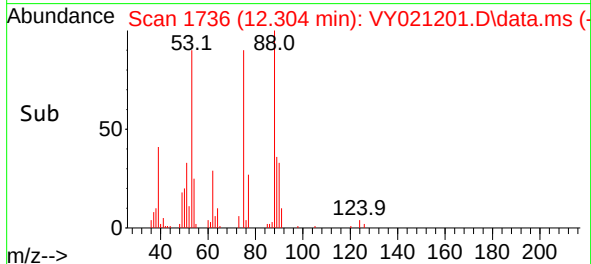
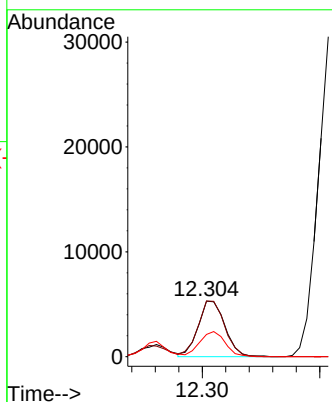
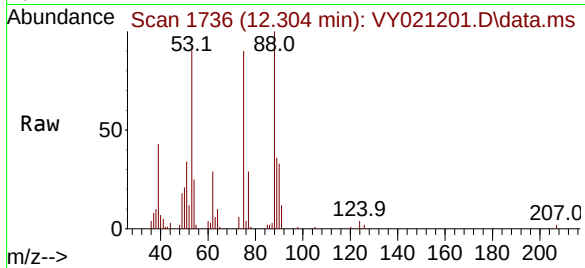




#81
trans-1,4-Dichloro-2-butene
Concen: 22.123 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.007 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

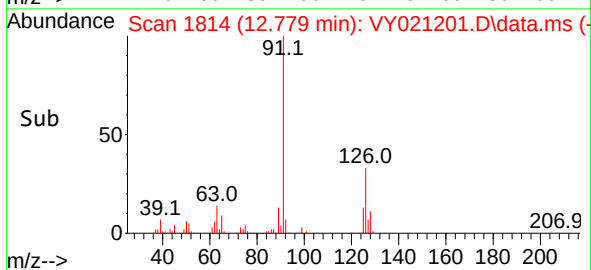
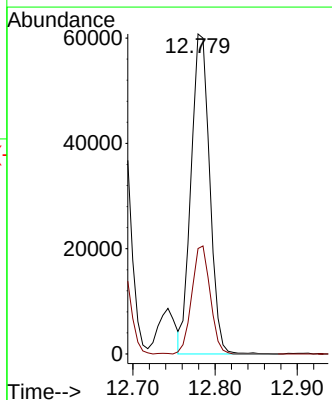
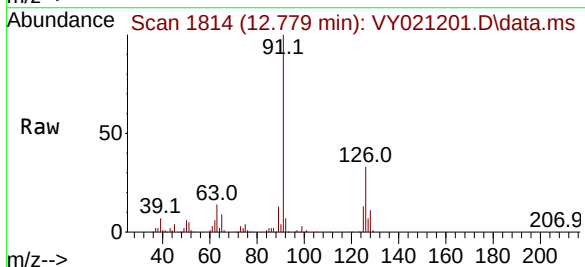
Instrument :
MSVOA_Y
ClientSampleId :

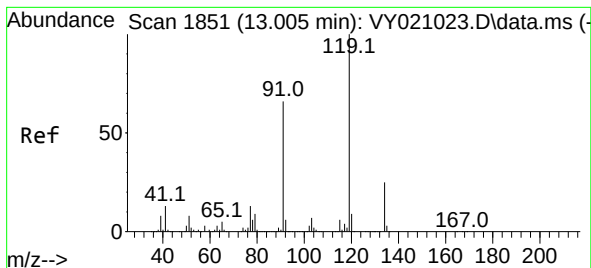
Tgt Ion: 75 Resp: 8401
Ion Ratio Lower Upper
75 100
53 99.9 74.0 111.0
89 42.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.579 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.007 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 91 Resp: 95450
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.645 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

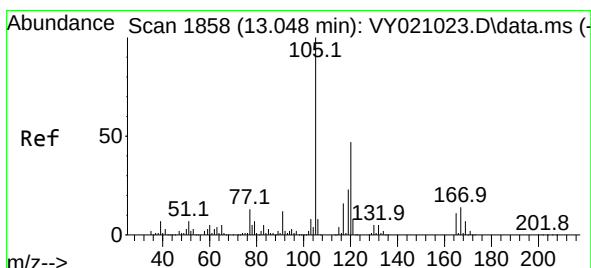
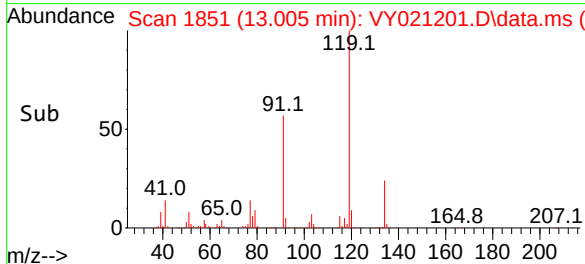
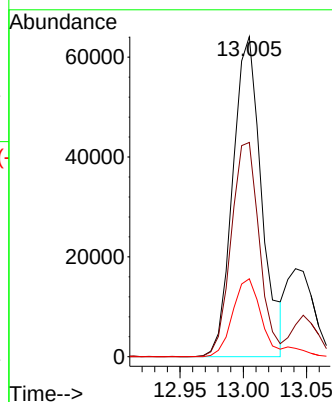
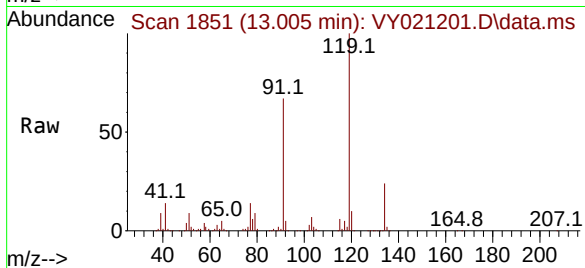
Tgt Ion:119 Resp: 101513

Ion Ratio Lower Upper

119 100

91 65.7 31.5 94.5

134 26.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.519 ug/l

RT: 13.047 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021201.D

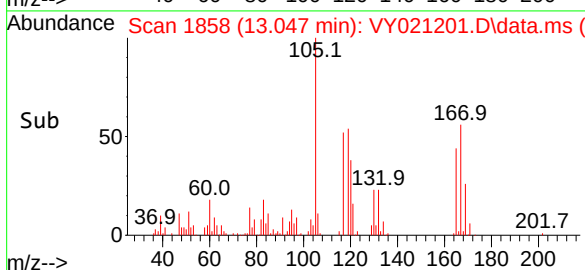
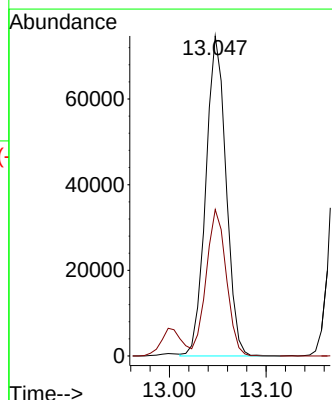
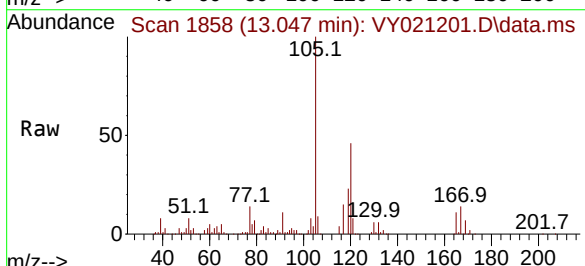
Acq: 14 Feb 2025 10:36

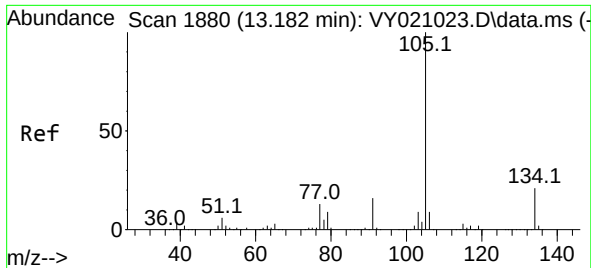
Tgt Ion:105 Resp: 108537

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

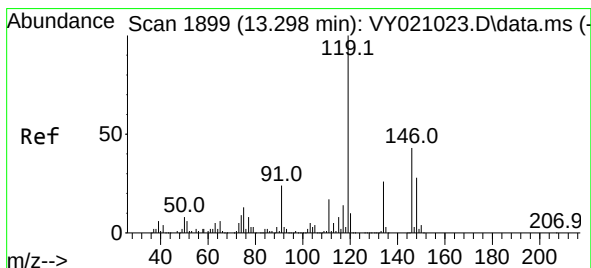
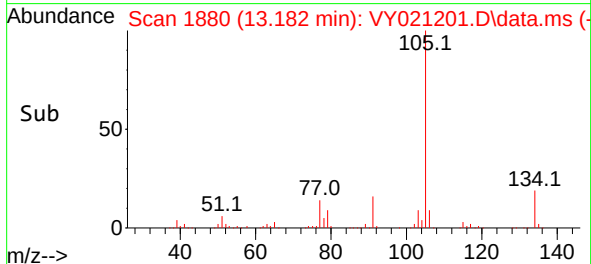
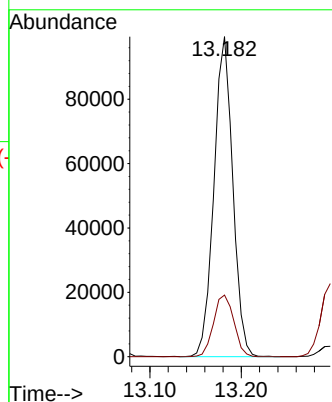
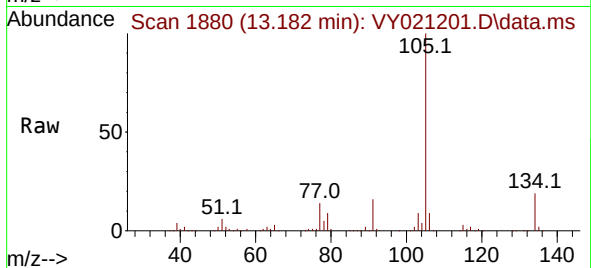




#85
 sec-Butylbenzene
 Concen: 20.102 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

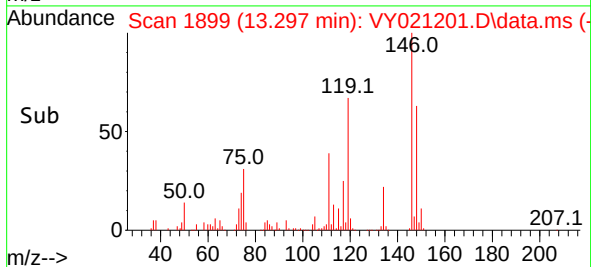
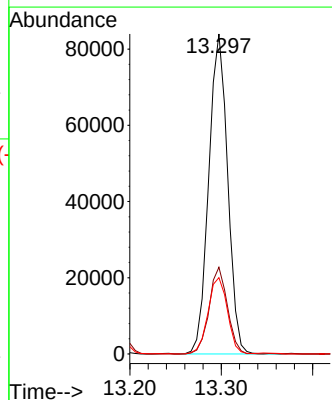
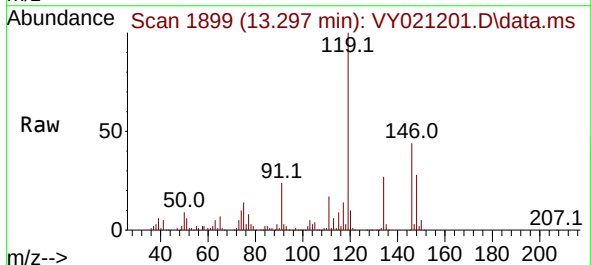
Instrument :
 MSVOA_Y
 ClientSampleId :

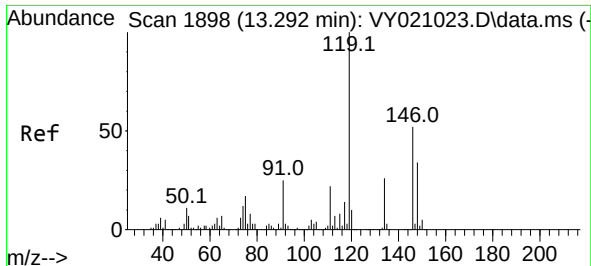
Tgt Ion:105 Resp: 142287
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.478 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion:119 Resp: 120403
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.5 11.7 35.0

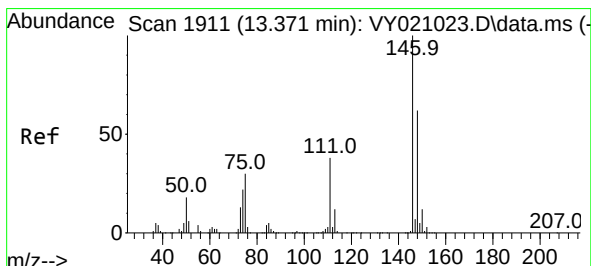
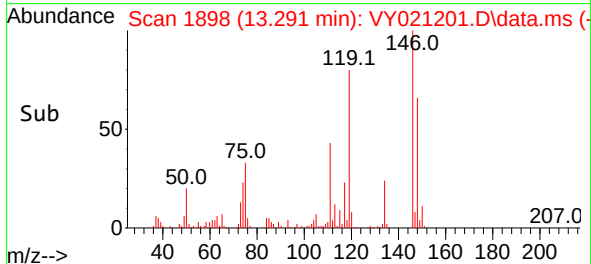
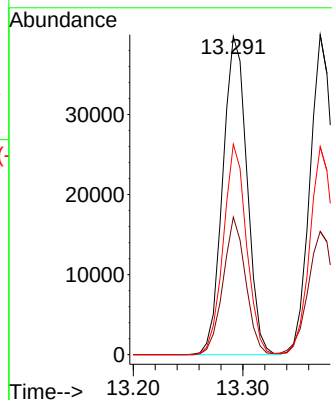
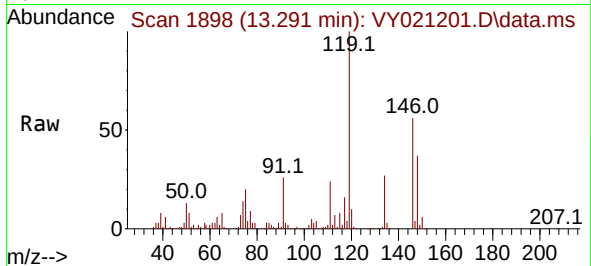




#87
1,3-Dichlorobenzene
Concen: 20.497 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

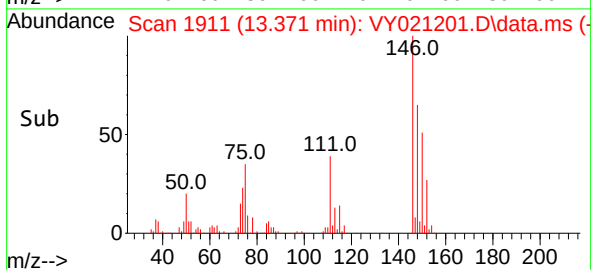
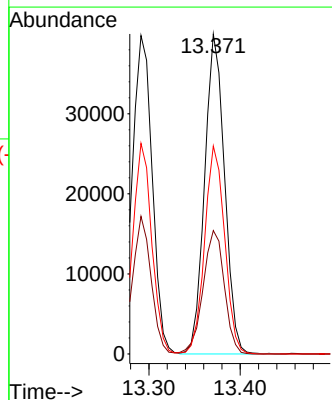
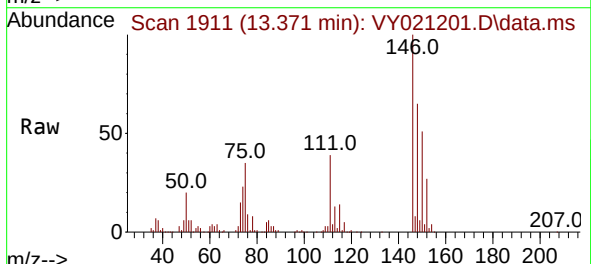
Instrument :
MSVOA_Y
ClientSampleId :

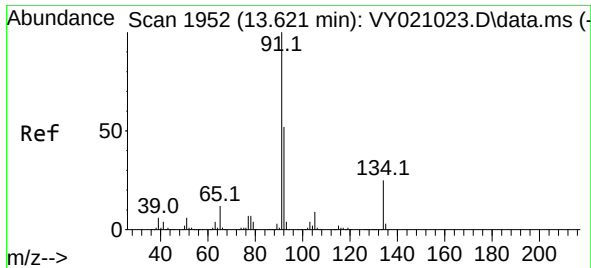
Tgt Ion:146 Resp: 60940
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 63.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.635 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion:146 Resp: 60404
Ion Ratio Lower Upper
146 100
111 41.2 19.3 57.9
148 65.5 31.6 94.7

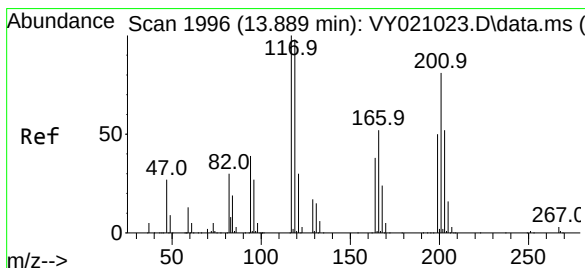
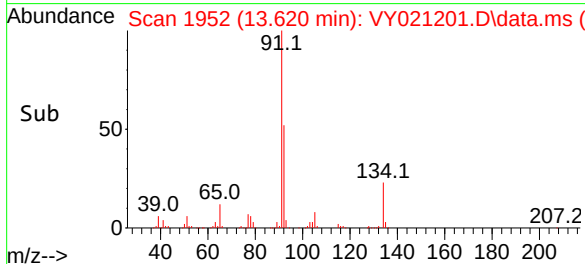
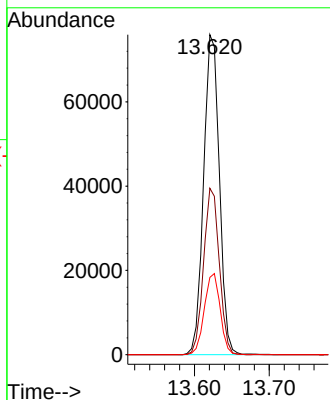
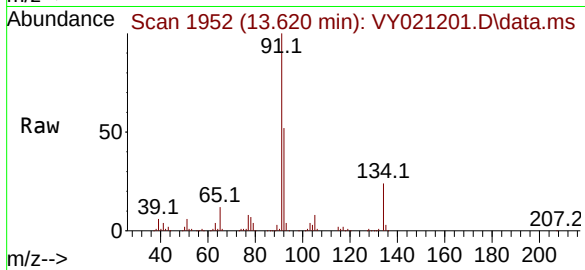




#89
n-Butylbenzene
Concen: 20.734 ug/l
RT: 13.620 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

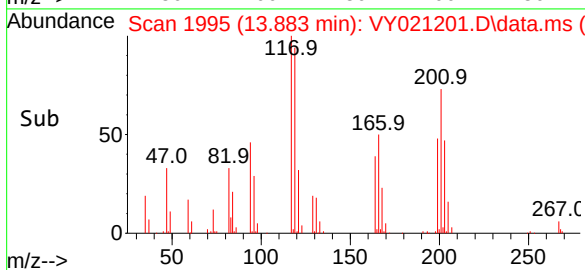
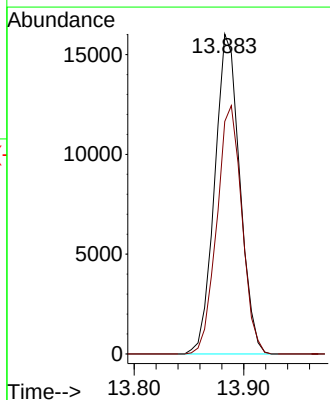
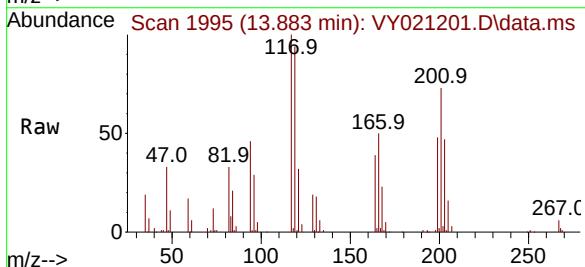
Instrument :
MSVOA_Y
ClientSampleId :

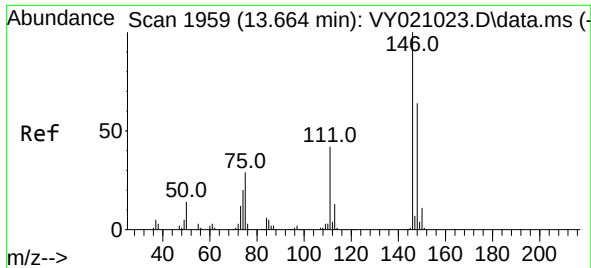
Tgt Ion: 91 Resp: 111217
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 25.5 12.3 36.8



#90
Hexachloroethane
Concen: 20.790 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.007 min
Lab File: VY021201.D
Acq: 14 Feb 2025 10:36

Tgt Ion: 117 Resp: 25501
Ion Ratio Lower Upper
117 100
201 77.5 33.4 100.1

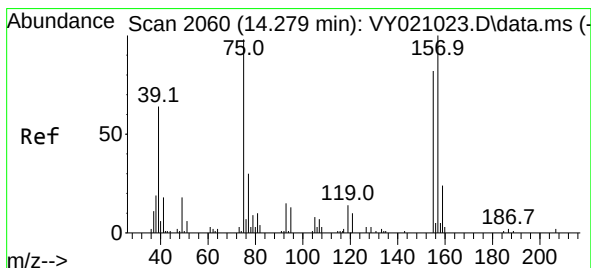
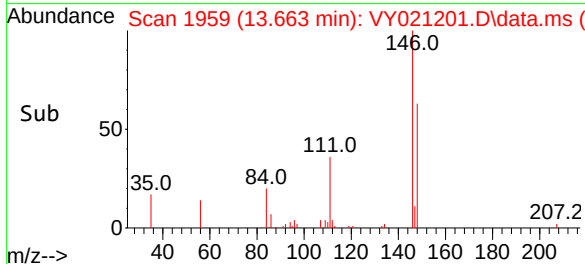
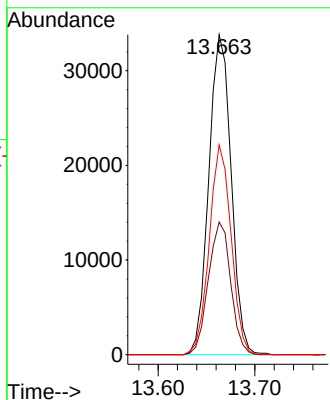
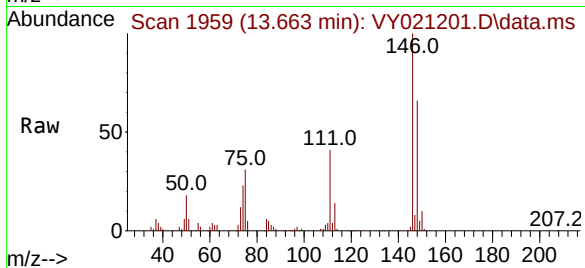




#91
 1,2-Dichlorobenzene
 Concen: 21.052 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

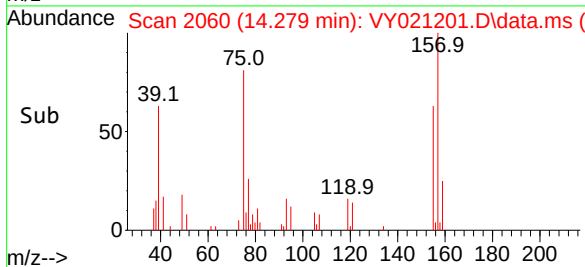
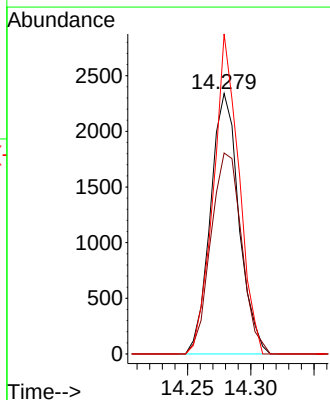
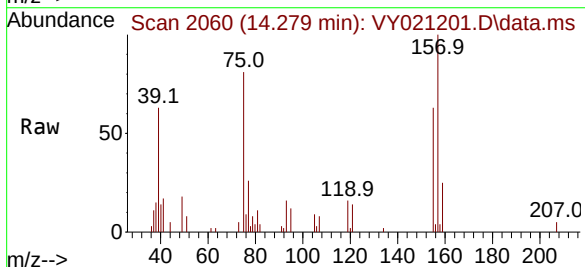
Instrument :
 MSVOA_Y
 ClientSampleId :

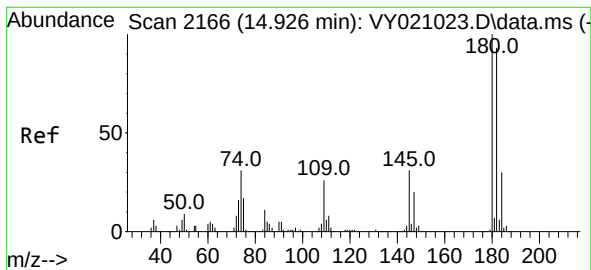
Tgt Ion:146 Resp: 54323
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 64.1 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.083 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. -0.000 min
 Lab File: VY021201.D
 Acq: 14 Feb 2025 10:36

Tgt Ion: 75 Resp: 3662
 Ion Ratio Lower Upper
 75 100
 155 83.4 42.1 126.3
 157 110.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.245 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021201.D

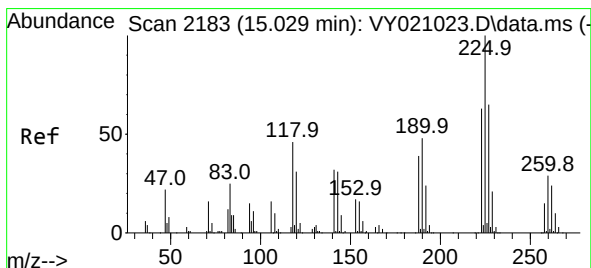
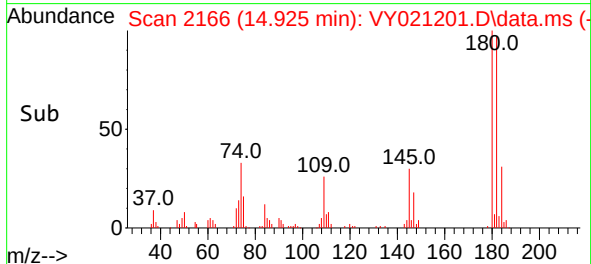
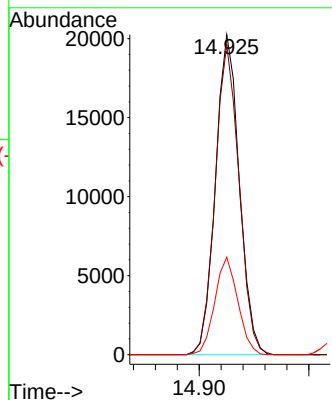
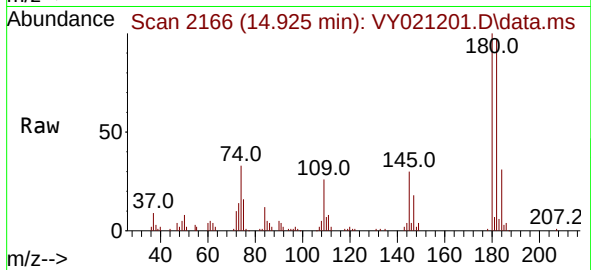
Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	30515
Ion Ratio	Lower	Upper
180	100	
182	97.3	47.9 143.7
145	29.5	15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.015 ug/l

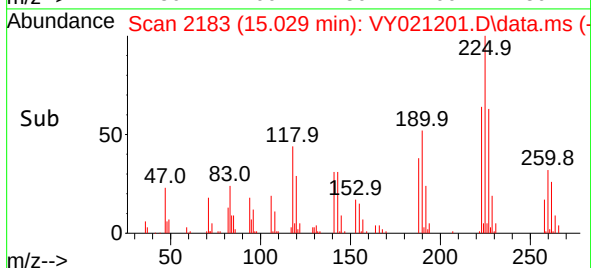
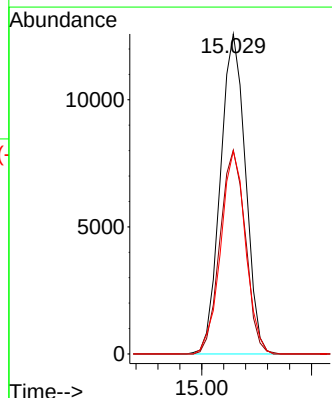
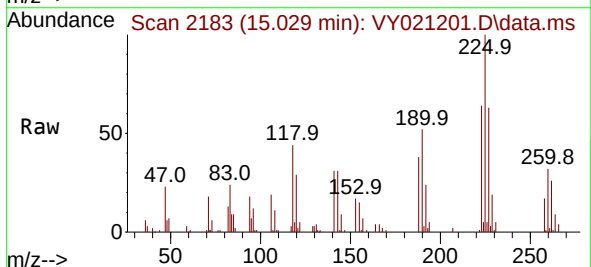
RT: 15.029 min Scan# 2183

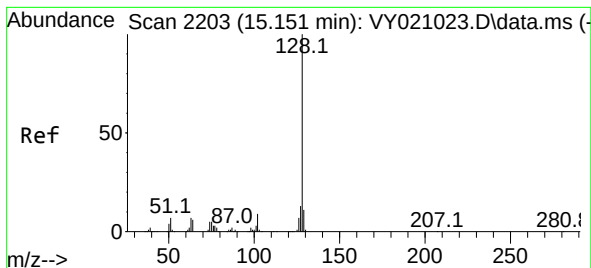
Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Tgt Ion:225	Resp:	20003
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.4 94.3
227	62.8	32.3 96.8





#95

Naphthalene

Concen: 22.619 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Instrument :

MSVOA_Y

ClientSampleId :

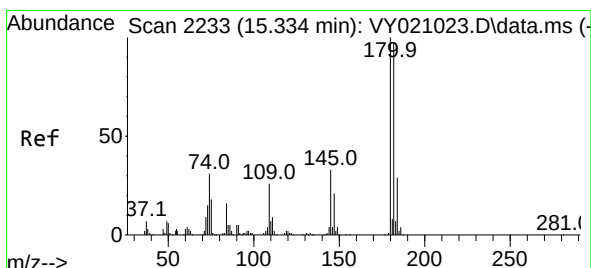
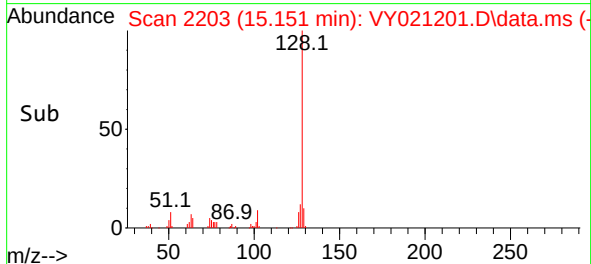
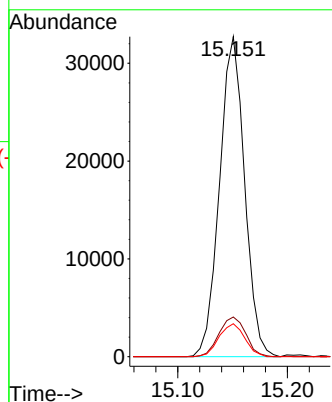
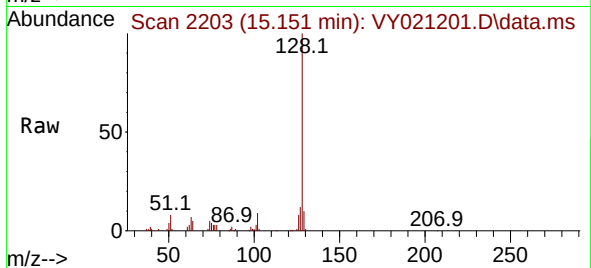
Tgt Ion:128 Resp: 51979

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.889 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021201.D

Acq: 14 Feb 2025 10:36

Tgt Ion:180 Resp: 26165

Ion Ratio Lower Upper

180 100

182 96.5 46.3 138.8

145 32.5 16.1 48.2

