

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021002.D
 Acq On : 31 Jan 2025 11:08
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:22:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	203313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	293649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	129770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81920	47.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.640%
35) Dibromofluoromethane	7.640	113	84912	48.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.200%
50) Toluene-d8	10.109	98	323625	46.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.408	95	111079	48.043	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	33003	19.091	ug/l	100
3) Chloromethane	2.074	50	18365	16.709	ug/l	98
4) Vinyl Chloride	2.208	62	19933	17.590	ug/l	98
5) Bromomethane	2.598	94	14135	18.425	ug/l	94
6) Chloroethane	2.739	64	11463	17.316	ug/l	95
7) Trichlorofluoromethane	3.068	101	53911	19.713	ug/l	99
8) Diethyl Ether	3.458	74	15954	19.541	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	36634	19.893	ug/l	99
10) Methyl Iodide	4.013	142	38401	18.223	ug/l	99
11) Tert butyl alcohol	4.854	59	13101	103.607	ug/l #	94
12) 1,1-Dichloroethene	3.799	96	33072	19.217	ug/l	94
13) Acrolein	3.659	56	16148	110.896	ug/l	100
14) Allyl chloride	4.391	41	43374	18.307	ug/l	98
15) Acrylonitrile	5.073	53	33564	99.945	ug/l	99
16) Acetone	3.872	43	23400	99.181	ug/l	98
17) Carbon Disulfide	4.110	76	100266	18.917	ug/l	100
18) Methyl Acetate	4.391	43	15912	19.274	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	80875	20.191	ug/l	96
20) Methylene Chloride	4.622	84	33523	19.265	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	35376	19.173	ug/l	95
22) Diisopropyl ether	6.025	45	90673	18.776	ug/l	96
23) Vinyl Acetate	5.964	43	260631	97.454	ug/l	100
24) 1,1-Dichloroethane	5.927	63	59540	19.111	ug/l	98
25) 2-Butanone	6.902	43	38442	96.046	ug/l	95
26) 2,2-Dichloropropane	6.890	77	60056	19.578	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	40770	19.224	ug/l	99
28) Bromochloromethane	7.250	49	21907	18.873	ug/l	92
29) Tetrahydrofuran	7.268	42	25775	95.700	ug/l	96
30) Chloroform	7.427	83	66292	19.645	ug/l	98
31) Cyclohexane	7.707	56	56083	18.416	ug/l #	96
32) 1,1,1-Trichloroethane	7.622	97	64866	19.862	ug/l	99
36) 1,1-Dichloropropene	7.841	75	48214	19.144	ug/l	99
37) Ethyl Acetate	6.994	43	19523	20.793	ug/l	98
38) Carbon Tetrachloride	7.823	117	62709	20.121	ug/l	97
39) Methylcyclohexane	9.115	83	64332	19.015	ug/l	98
40) Benzene	8.085	78	146249	19.735	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021002.D
 Acq On : 31 Jan 2025 11:08
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:22:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	9394	18.083	ug/l	92
42) 1,2-Dichloroethane	8.164	62	37659	20.038	ug/l	97
43) Isopropyl Acetate	8.201	43	36061	19.225	ug/l #	81
44) Trichloroethene	8.872	130	39774	19.451	ug/l	95
45) 1,2-Dichloropropane	9.146	63	31124	18.739	ug/l	94
46) Dibromomethane	9.237	93	19429	20.101	ug/l	97
47) Bromodichloromethane	9.426	83	49341	19.438	ug/l	97
48) Methyl methacrylate	9.225	41	16781	18.791	ug/l	93
49) 1,4-Dioxane	9.231	88	4383	426.736	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	93954	97.478	ug/l	98
52) Toluene	10.176	92	95223	19.796	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	45211	19.682	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	52767	19.220	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	26964	20.976	ug/l	95
56) Ethyl methacrylate	10.438	69	32960	19.616	ug/l	99
57) 1,3-Dichloropropane	10.719	76	43278	19.864	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	75748	106.215	ug/l	97
59) 2-Hexanone	10.762	43	60936	97.265	ug/l	99
60) Dibromochloromethane	10.914	129	37604	20.517	ug/l	99
61) 1,2-Dibromoethane	11.018	107	24552	19.997	ug/l	96
64) Tetrachloroethene	10.652	164	37497	19.787	ug/l	98
65) Chlorobenzene	11.444	112	104584	19.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	38681	20.591	ug/l	99
67) Ethyl Benzene	11.524	91	179893	19.629	ug/l	100
68) m/p-Xylenes	11.633	106	142007	40.331	ug/l	100
69) o-Xylene	11.956	106	65993	20.161	ug/l	100
70) Styrene	11.975	104	111678	20.550	ug/l	100
71) Bromoform	12.133	173	23334	21.076	ug/l #	100
73) Isopropylbenzene	12.261	105	178806	19.619	ug/l	100
74) N-amyl acetate	12.072	43	31045	18.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	28938	19.670	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	36661	35.687	ug/l #	100
77) Bromobenzene	12.536	156	42515	19.675	ug/l	99
78) n-propylbenzene	12.597	91	208189	19.490	ug/l	99
79) 2-Chlorotoluene	12.682	91	119302	19.603	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	150314	20.131	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	9610	19.419	ug/l	98
82) 4-Chlorotoluene	12.779	91	122541	19.674	ug/l	98
83) tert-Butylbenzene	12.999	119	134398	19.407	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	146068	20.026	ug/l	99
85) sec-Butylbenzene	13.182	105	193108	19.696	ug/l	99
86) p-Isopropyltoluene	13.298	119	165127	20.041	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	84670	20.096	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	84150	20.113	ug/l	99
89) n-Butylbenzene	13.621	91	143186	19.402	ug/l	99
90) Hexachloroethane	13.883	117	32140	19.281	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	74465	20.267	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4573	20.190	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	43866	19.499	ug/l	99
94) Hexachlorobutadiene	15.029	225	30804	19.770	ug/l	99
95) Naphthalene	15.151	128	70184	20.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	36675	19.858	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021002.D
Acq On : 31 Jan 2025 11:08
Operator : SY/MD
Sample : VY0131SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

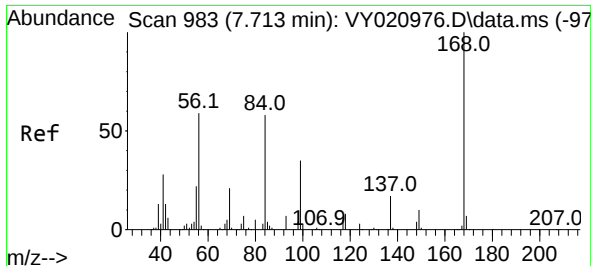
Quant Time: Jan 31 22:22:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jan 31 22:22:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

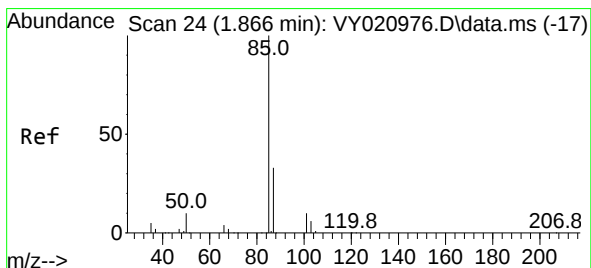
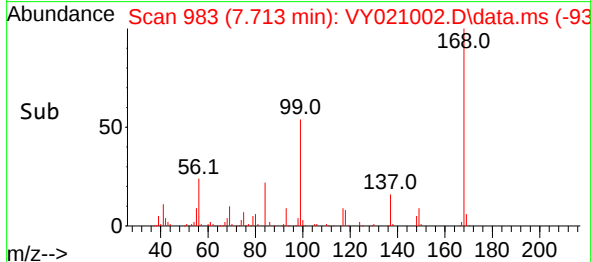
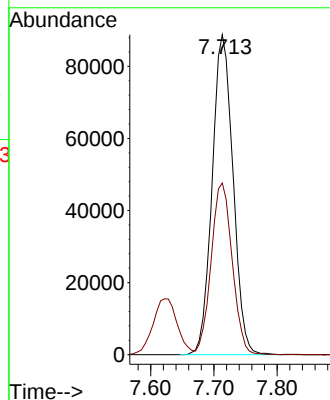
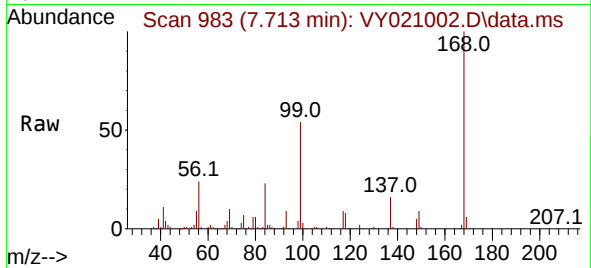




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

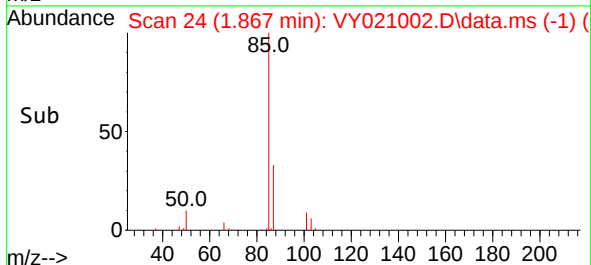
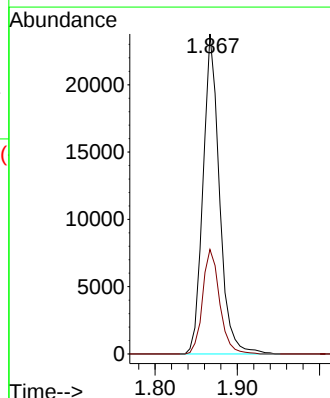
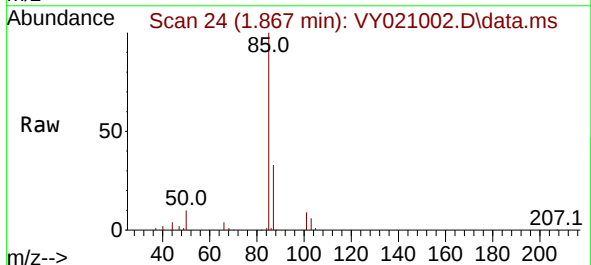
Instrument :
MSVOA_Y
ClientSampleId :

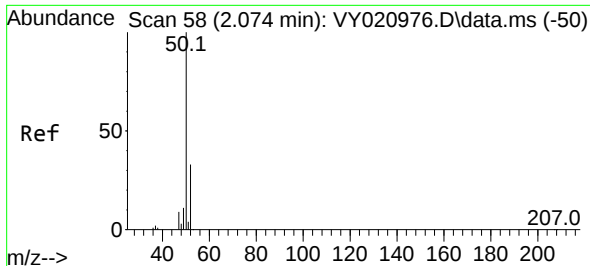
Tgt Ion:168 Resp: 203313
Ion Ratio Lower Upper
168 100
99 53.6 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 19.091 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 85 Resp: 33003
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9

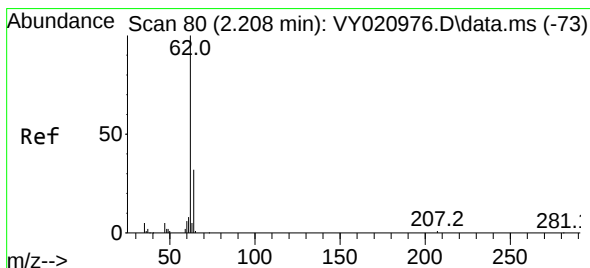
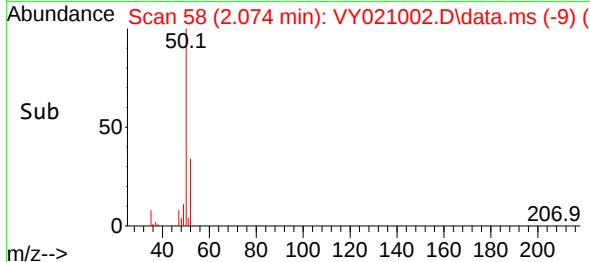
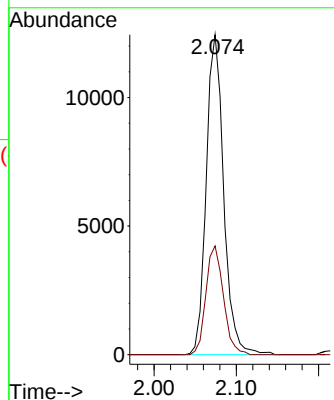
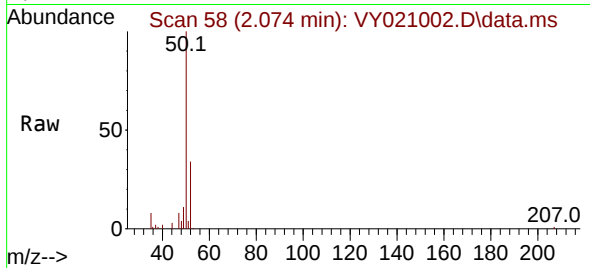




#3
Chloromethane
Concen: 16.709 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

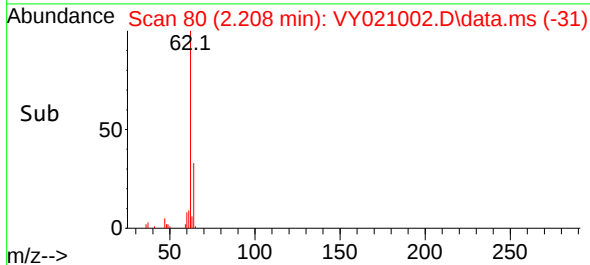
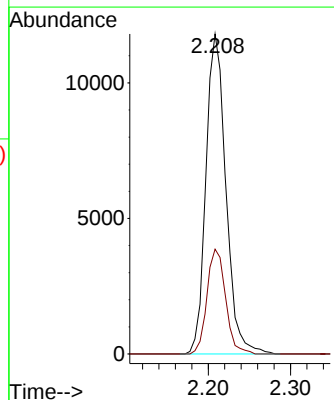
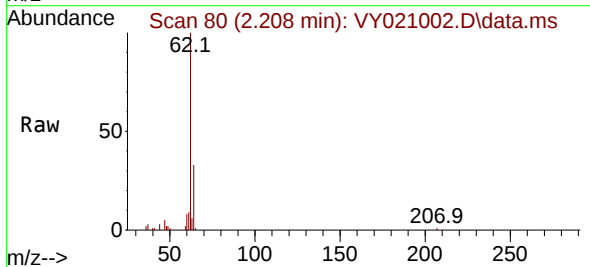
Instrument :
MSVOA_Y
ClientSampleId :

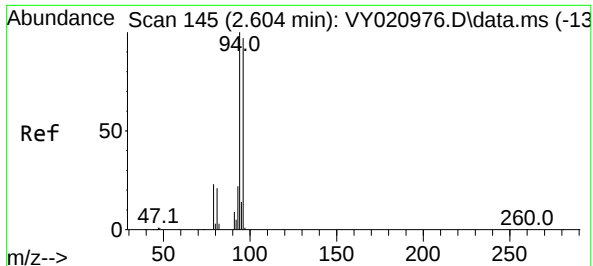
Tgt Ion: 50 Resp: 18365
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 17.590 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 62 Resp: 19933
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2

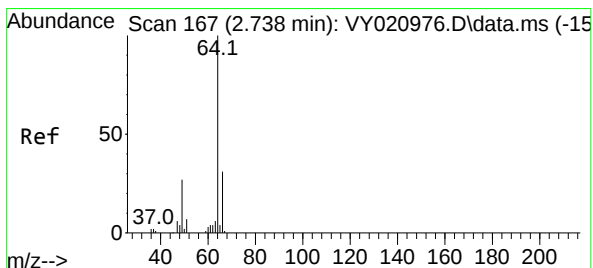
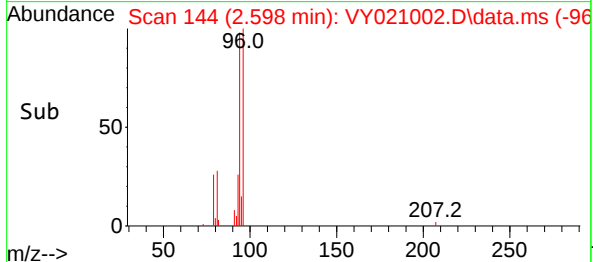
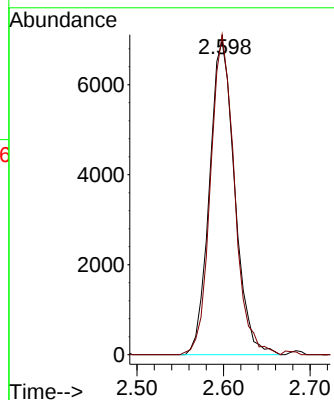
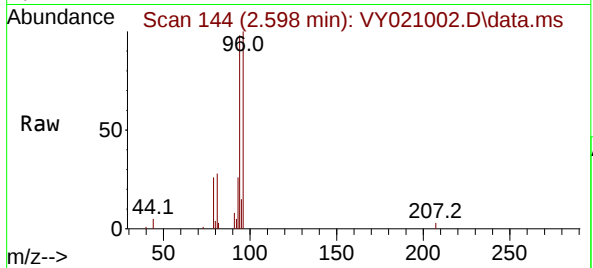




#5
Bromomethane
Concen: 18.425 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

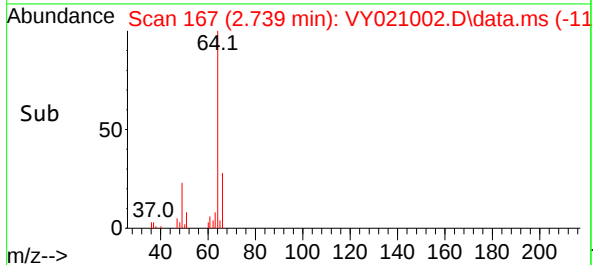
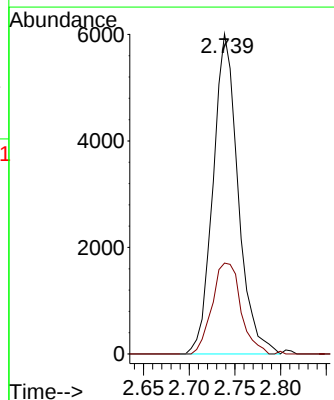
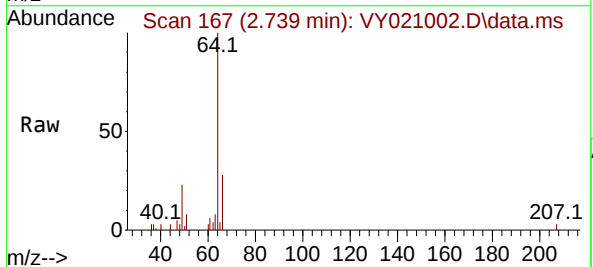
Instrument :
MSVOA_Y
ClientSampleId :

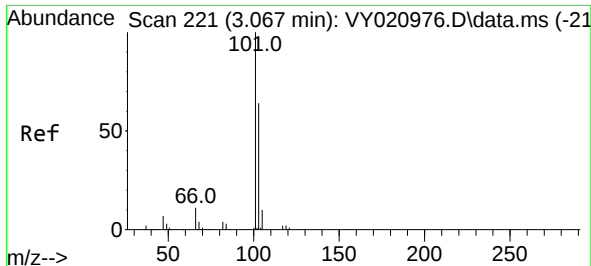
Tgt Ion: 94 Resp: 14135
Ion Ratio Lower Upper
94 100
96 102.2 77.4 116.0



#6
Chloroethane
Concen: 17.316 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

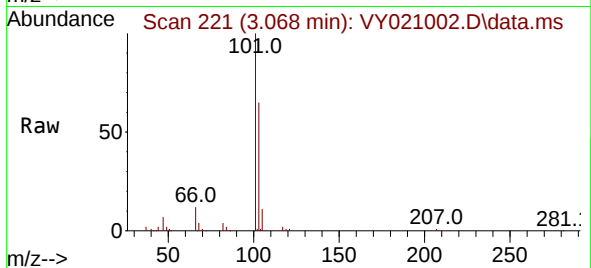
Tgt Ion: 64 Resp: 11463
Ion Ratio Lower Upper
64 100
66 28.4 25.0 37.4



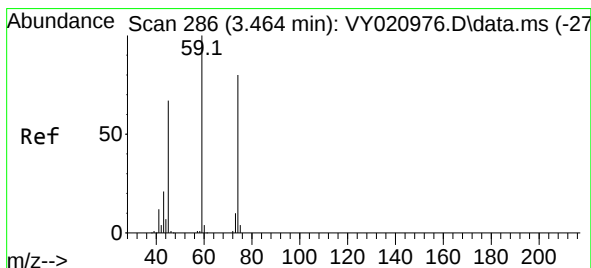
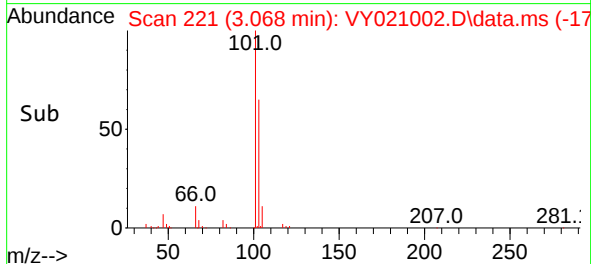
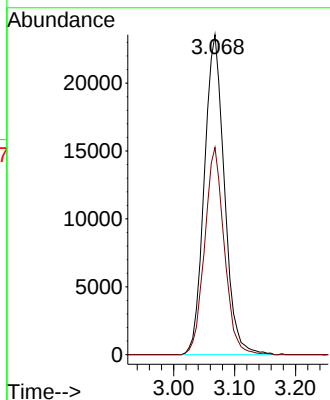


#7
Trichlorofluoromethane
Concen: 19.713 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Instrument :
MSVOA_Y
ClientSampleId :

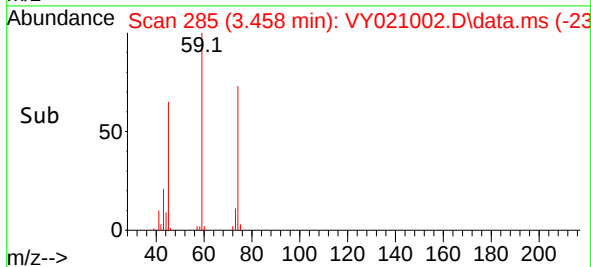
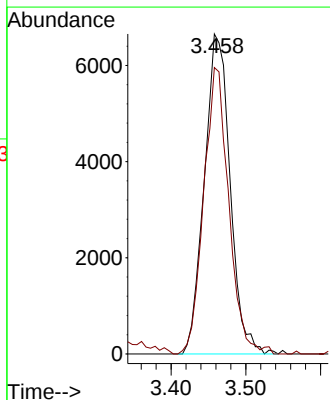
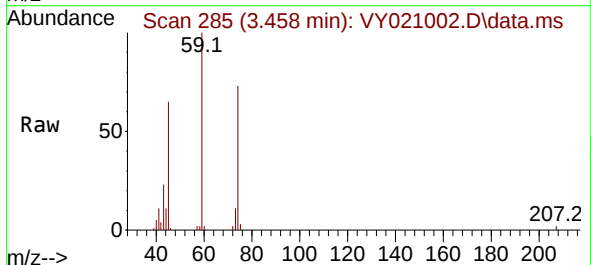


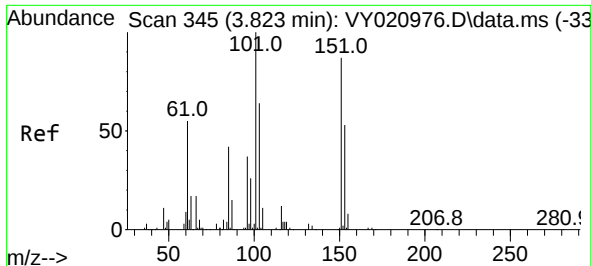
Tgt Ion:101 Resp: 53911
Ion Ratio Lower Upper
101 100
103 64.7 50.9 76.3



#8
Diethyl Ether
Concen: 19.541 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 74 Resp: 15954
Ion Ratio Lower Upper
74 100
45 87.1 43.4 130.2

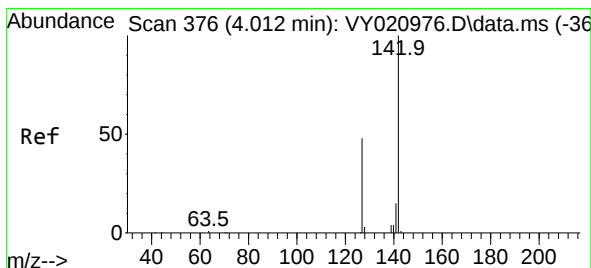
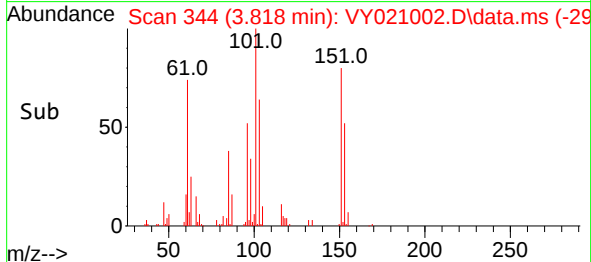
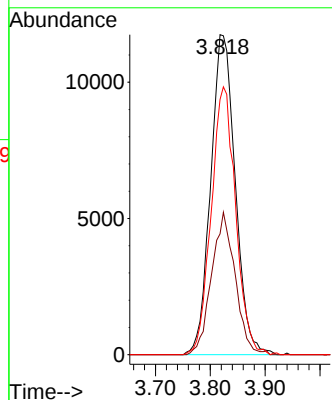
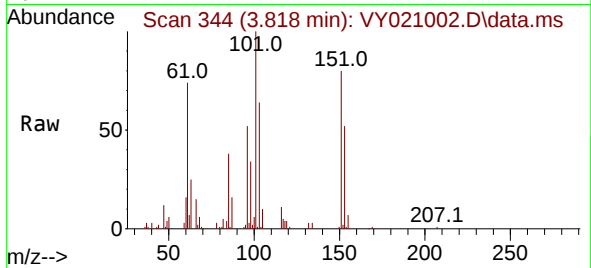




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.893 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

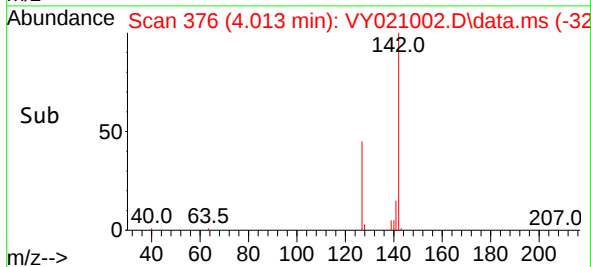
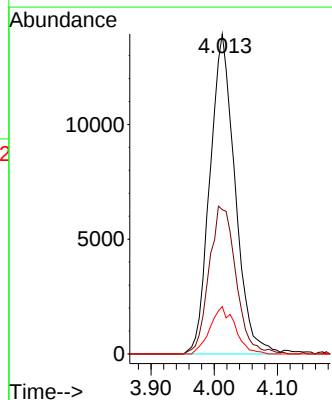
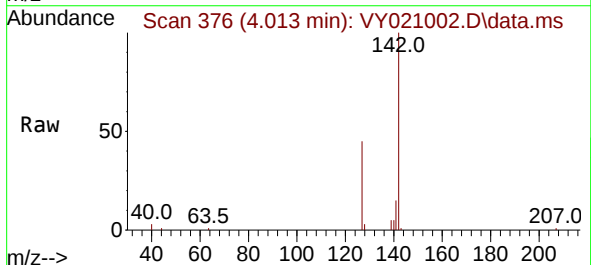
Instrument :
MSVOA_Y
ClientSampleId :

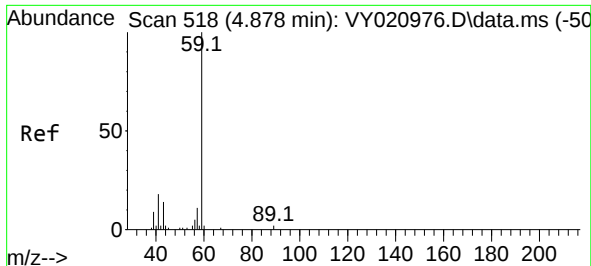
Tgt Ion:101 Resp: 36634
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 83.0 66.8 100.2



#10
Methyl Iodide
Concen: 18.223 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion:142 Resp: 38401
Ion Ratio Lower Upper
142 100
127 49.5 38.9 58.3
141 14.9 11.7 17.5

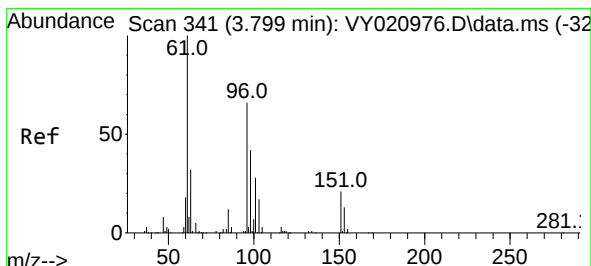
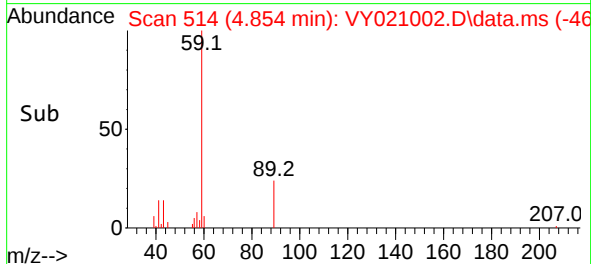
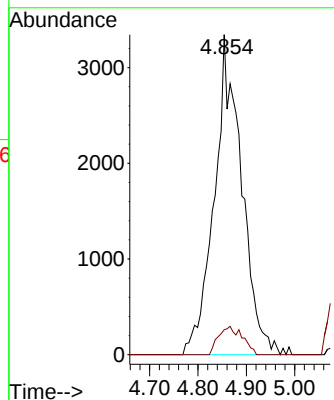
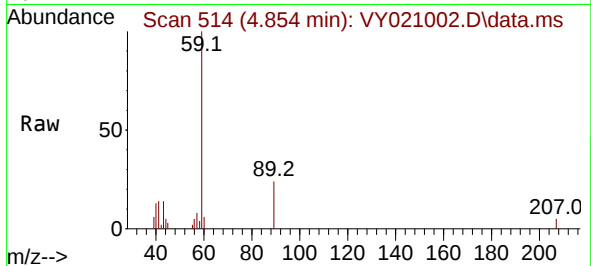




#11
Tert butyl alcohol
Concen: 103.607 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

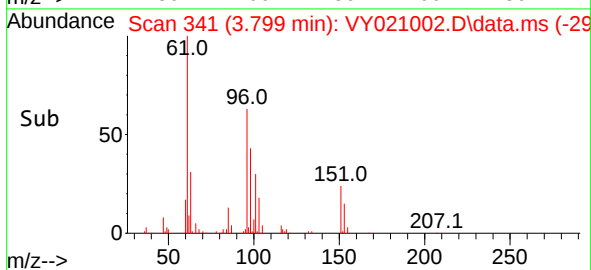
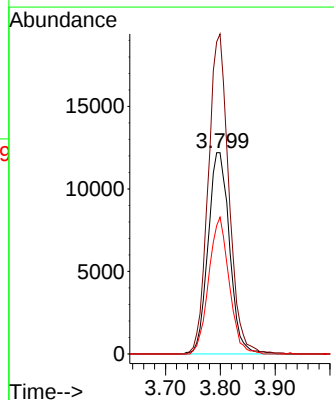
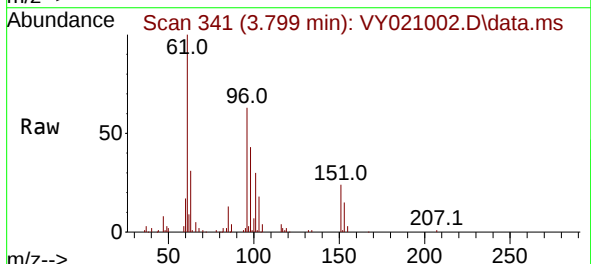
Instrument :
MSVOA_Y
ClientSampleId :

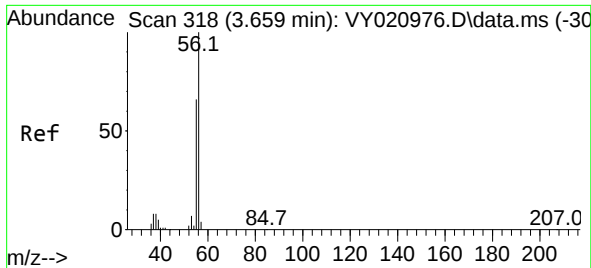
Tgt Ion: 59 Resp: 13101
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.217 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 96 Resp: 33072
Ion Ratio Lower Upper
96 100
61 158.9 120.8 181.2
98 68.0 50.6 76.0





#13

Acrolein

Concen: 110.896 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

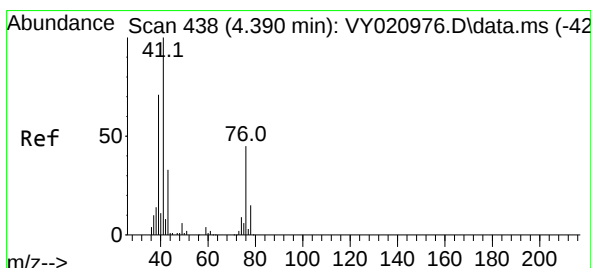
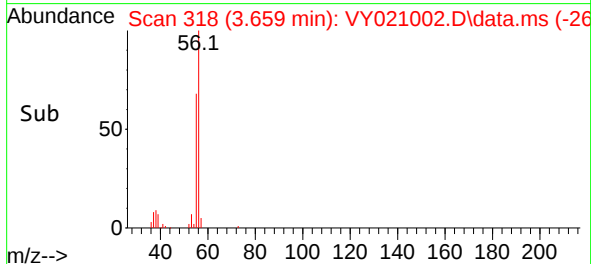
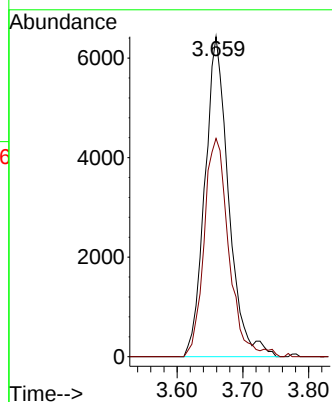
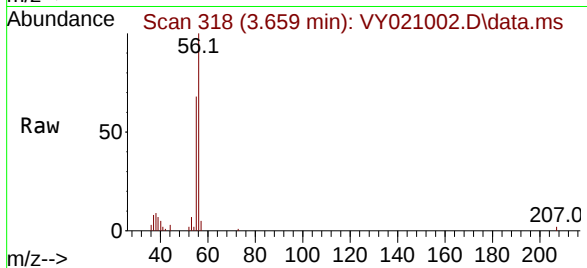
ClientSampleId :

Tgt Ion: 56 Resp: 16148

Ion Ratio Lower Upper

56 100

55 69.9 56.1 84.1



#14

Allyl chloride

Concen: 18.307 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

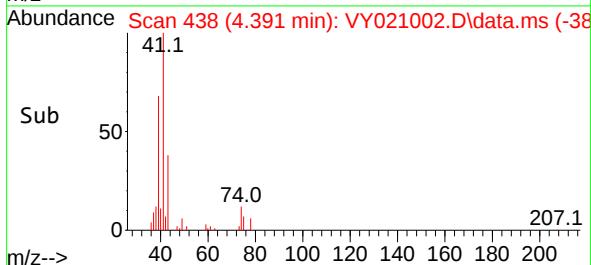
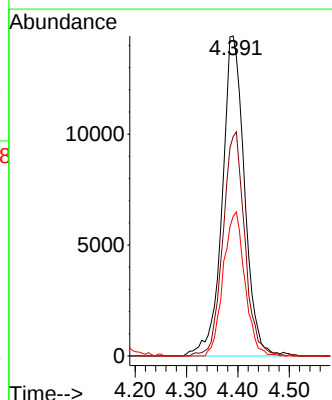
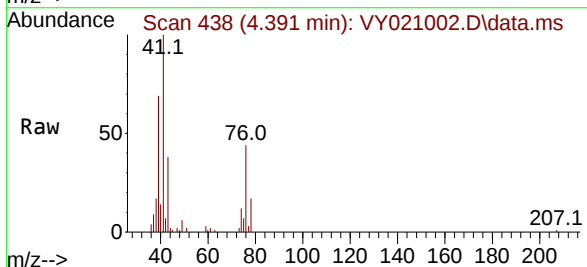
Tgt Ion: 41 Resp: 43374

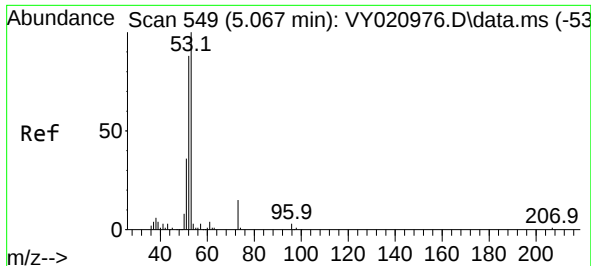
Ion Ratio Lower Upper

41 100

39 68.7 53.5 80.3

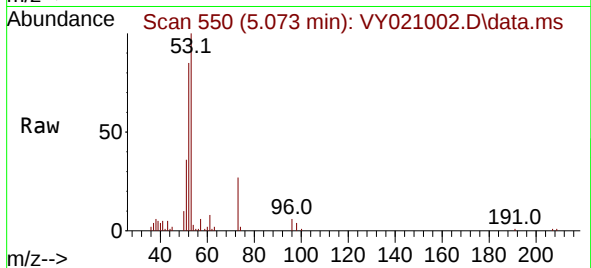
76 43.6 34.6 52.0



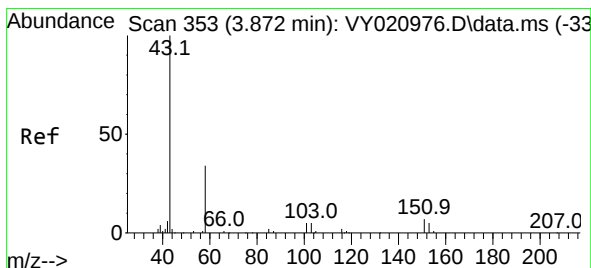
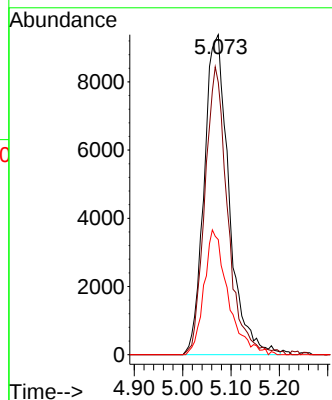
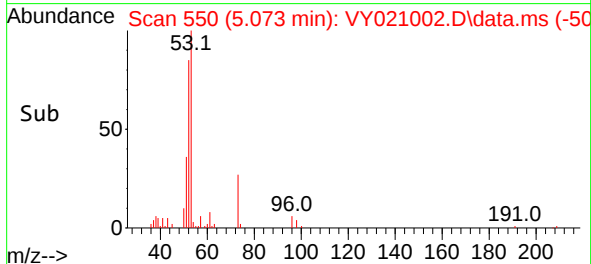


#15
Acrylonitrile
Concen: 99.945 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Instrument :
MSVOA_Y
ClientSampleId :

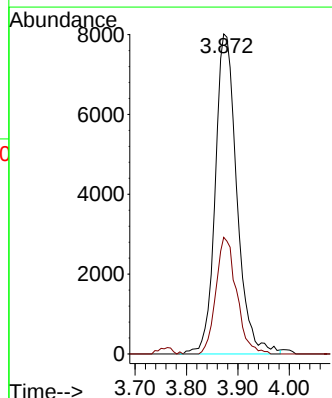
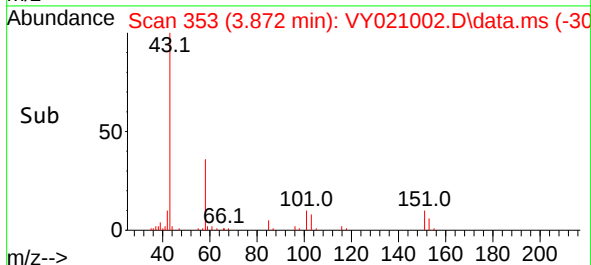
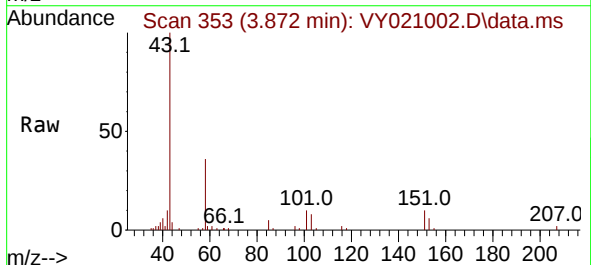


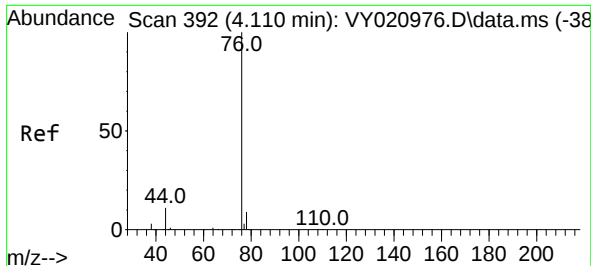
Tgt Ion: 53 Resp: 33564
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 37.6 29.4 44.0



#16
Acetone
Concen: 99.181 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 43 Resp: 23400
Ion Ratio Lower Upper
43 100
58 36.5 28.4 42.6

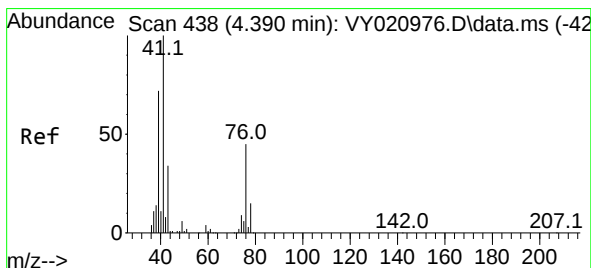
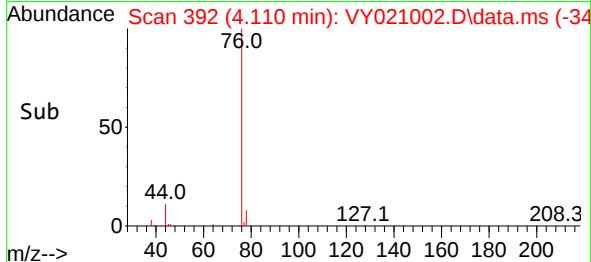
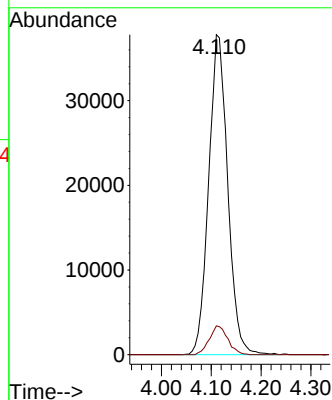
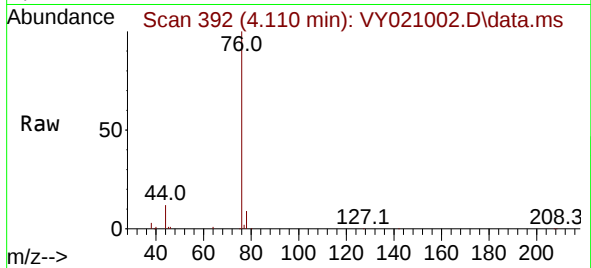




#17
Carbon Disulfide
Concen: 18.917 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

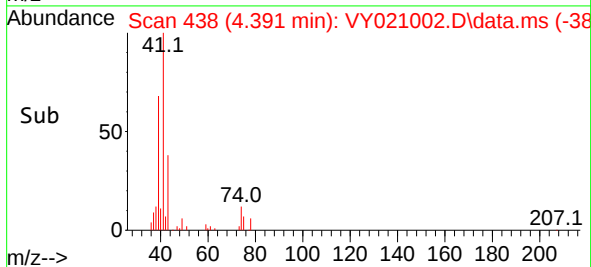
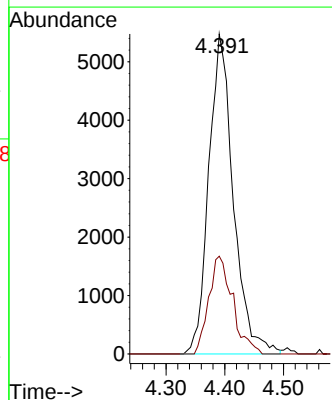
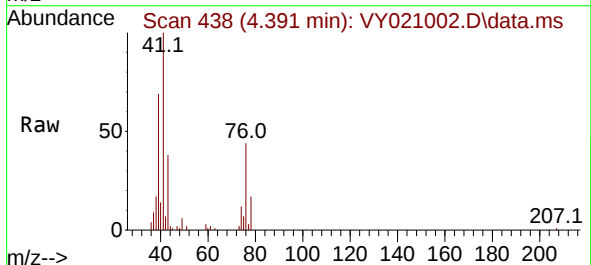
Instrument :
MSVOA_Y
ClientSampleId :

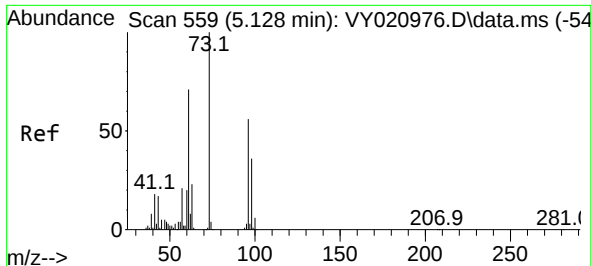
Tgt Ion: 76 Resp: 100266
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.274 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 43 Resp: 15912
Ion Ratio Lower Upper
43 100
74 29.7 22.2 33.4

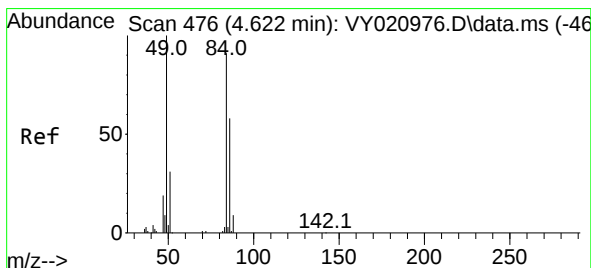
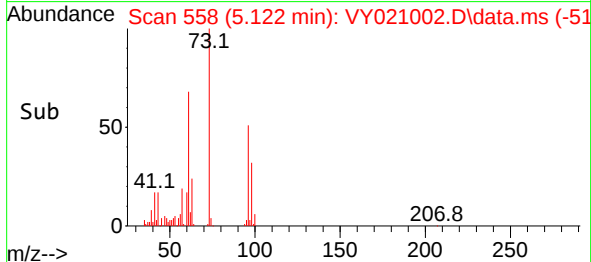
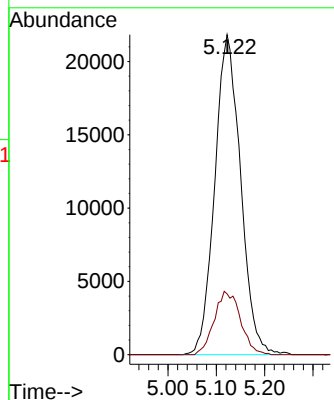
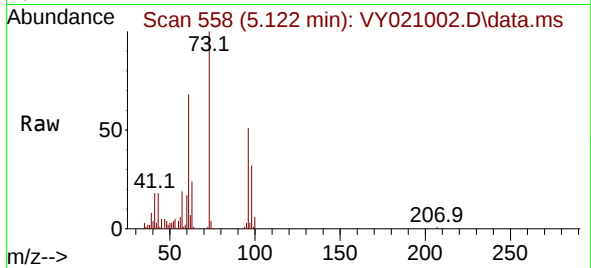




#19
Methyl tert-butyl Ether
Concen: 20.191 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

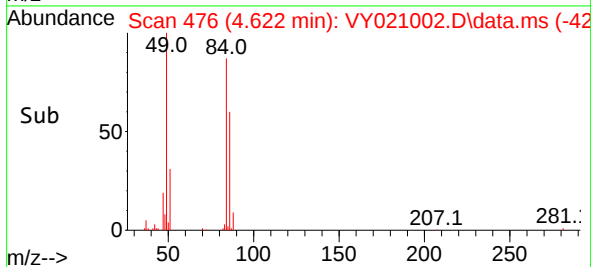
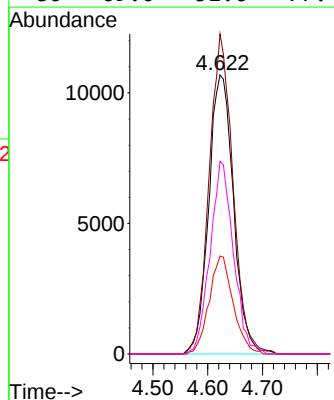
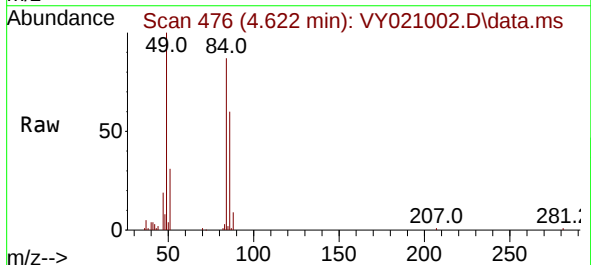
Instrument :
MSVOA_Y
ClientSampleId :

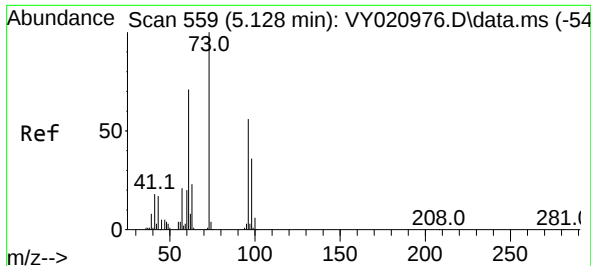
Tgt Ion: 73 Resp: 80875
Ion Ratio Lower Upper
73 100
57 19.0 16.6 25.0



#20
Methylene Chloride
Concen: 19.265 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 84 Resp: 33523
Ion Ratio Lower Upper
84 100
49 114.7 88.3 132.5
51 35.1 27.7 41.5
86 69.0 51.6 77.4

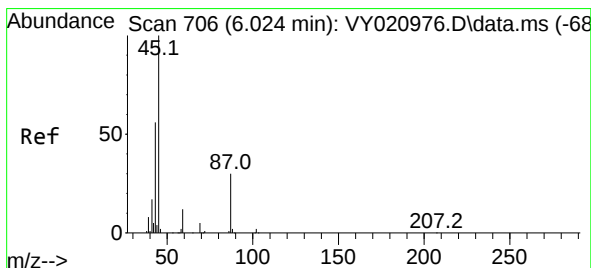
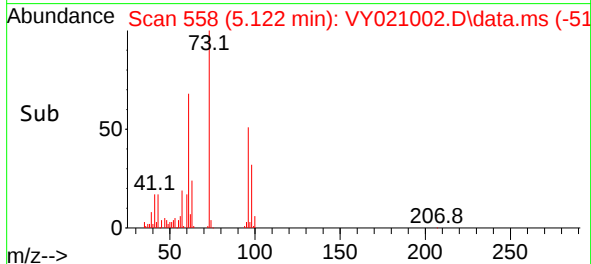
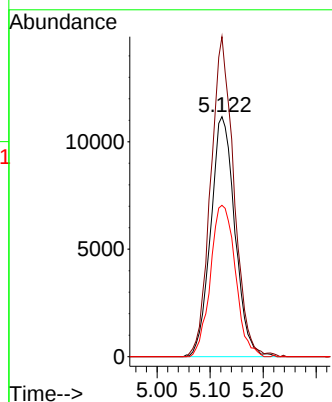
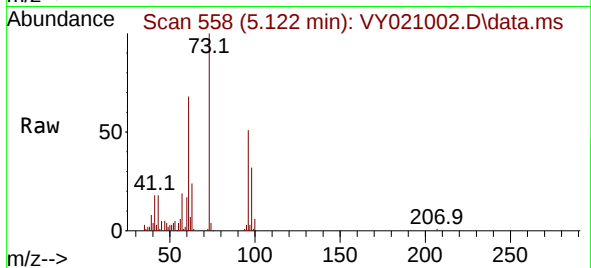




#21
trans-1,2-Dichloroethene
Concen: 19.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

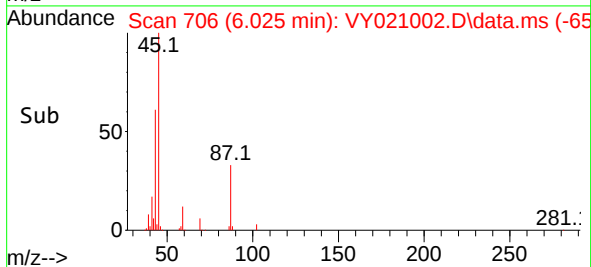
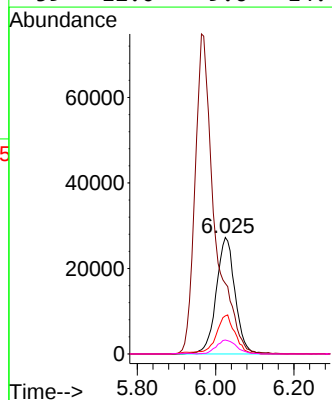
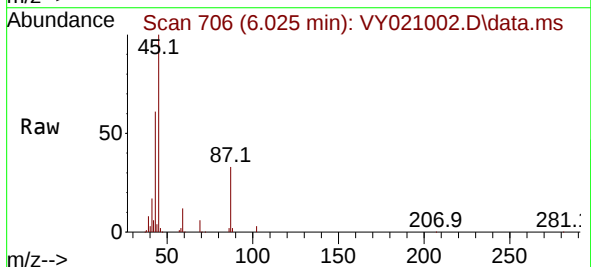
Instrument :
MSVOA_Y
ClientSampleId :

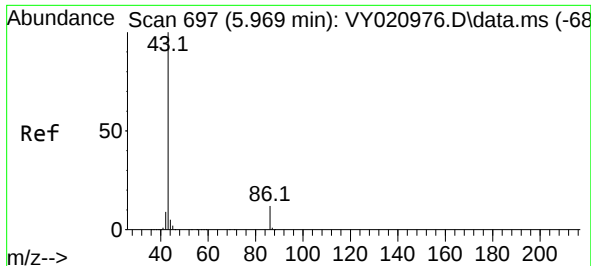
Tgt Ion: 96 Resp: 35376
Ion Ratio Lower Upper
96 100
61 133.3 101.5 152.3
98 63.1 52.0 78.0



#22
Diisopropyl ether
Concen: 18.776 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 45 Resp: 90673
Ion Ratio Lower Upper
45 100
43 60.2 45.1 67.7
87 32.7 25.0 37.4
59 12.0 9.6 14.4

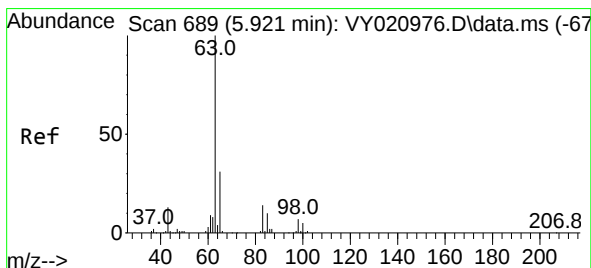
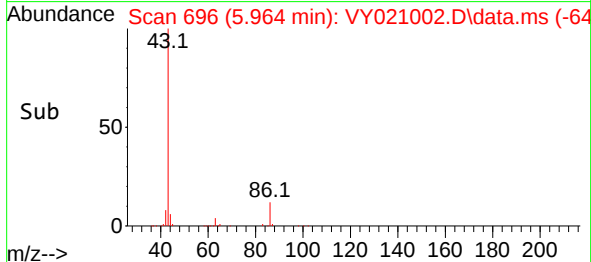
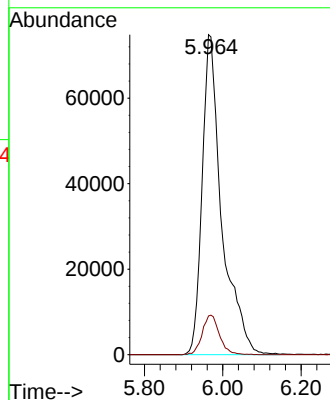
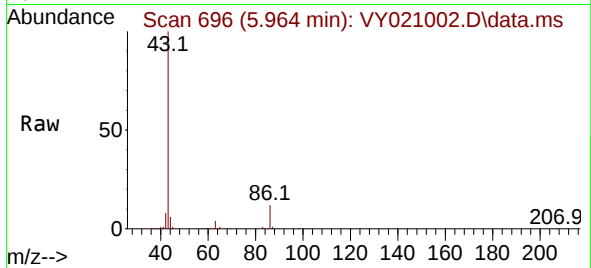




#23
 Vinyl Acetate
 Concen: 97.454 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

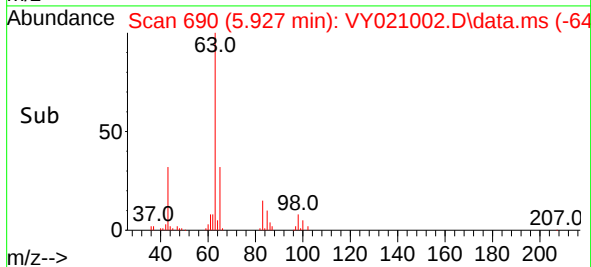
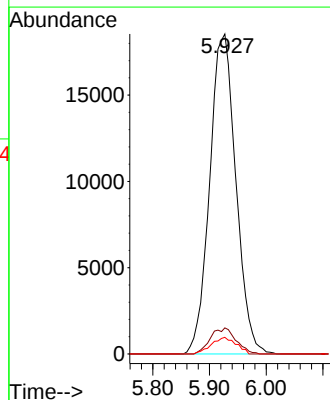
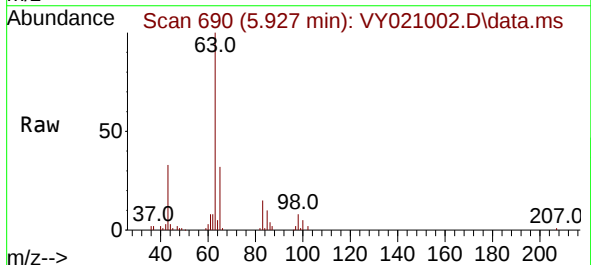
Instrument :
 MSVOA_Y
 ClientSampleId :

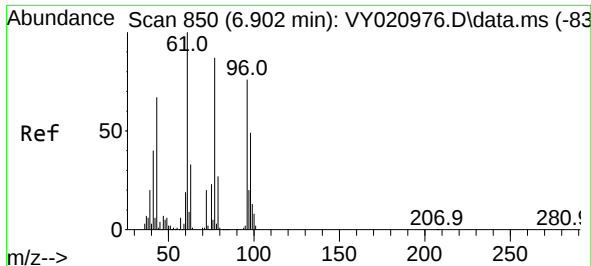
Tgt Ion: 43 Resp: 260631
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 19.111 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

Tgt Ion: 63 Resp: 59540
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 96.046 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

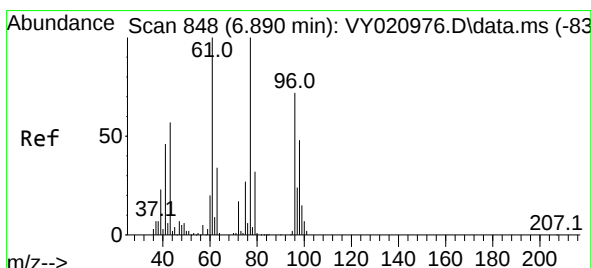
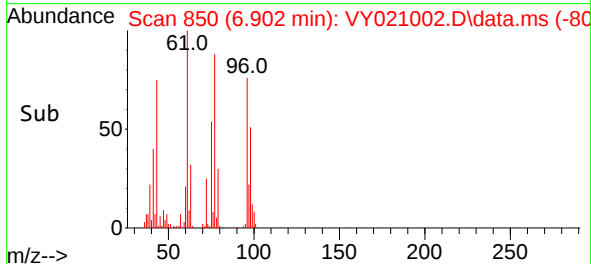
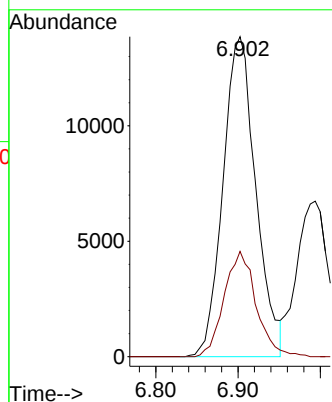
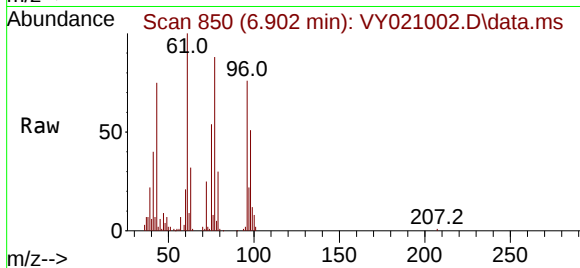
ClientSampleId :

Tgt Ion: 43 Resp: 38442

Ion Ratio Lower Upper

43 100

72 32.9 24.3 36.5



#26

2,2-Dichloropropane

Concen: 19.578 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021002.D

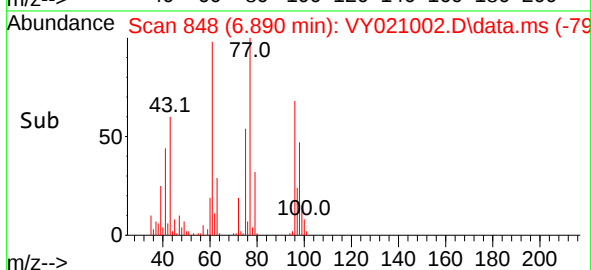
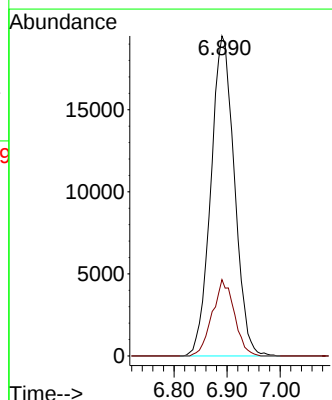
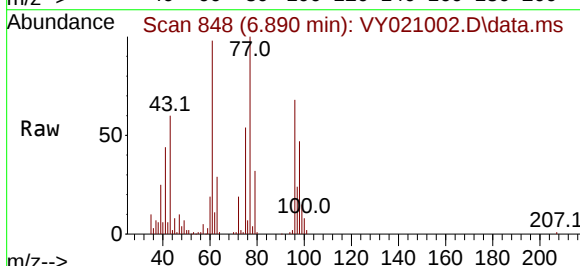
Acq: 31 Jan 2025 11:08

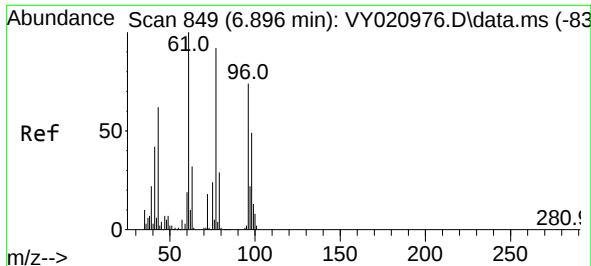
Tgt Ion: 77 Resp: 60056

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.224 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

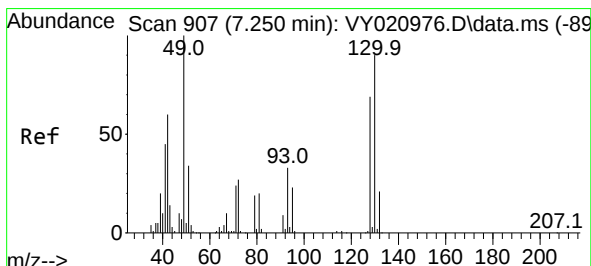
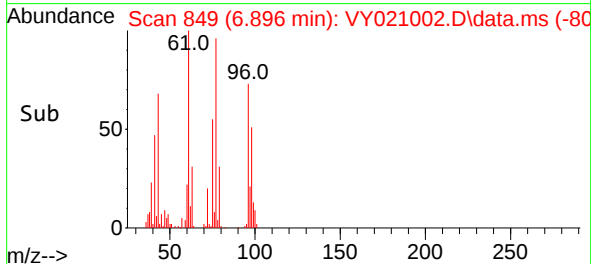
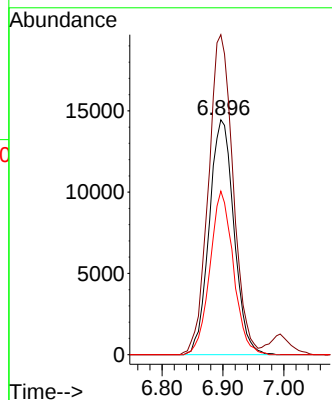
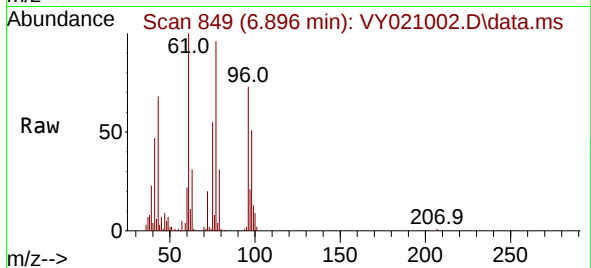
Tgt Ion: 96 Resp: 40770

Ion Ratio Lower Upper

96 100

61 136.0 0.0 274.0

98 66.1 0.0 130.4



#28

Bromochloromethane

Concen: 18.873 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

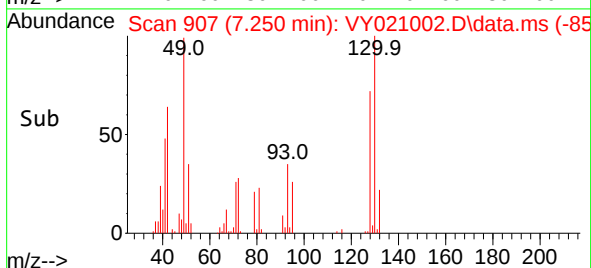
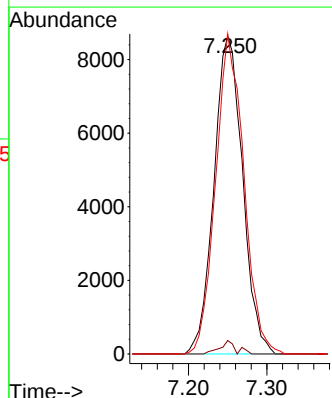
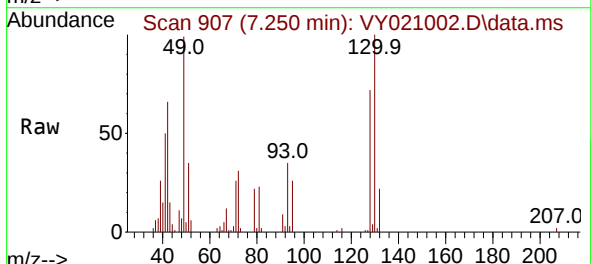
Tgt Ion: 49 Resp: 21907

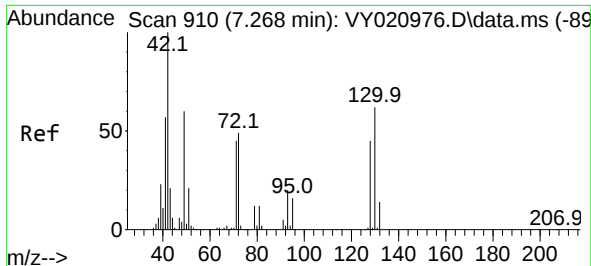
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 99.3 73.2 109.8





#29

Tetrahydrofuran

Concen: 95.700 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

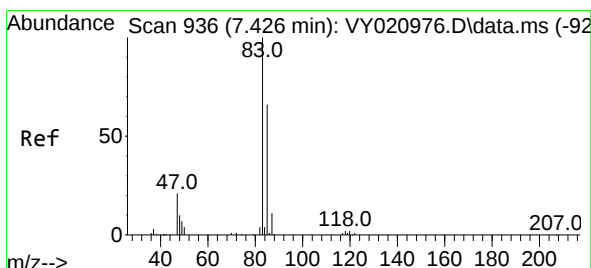
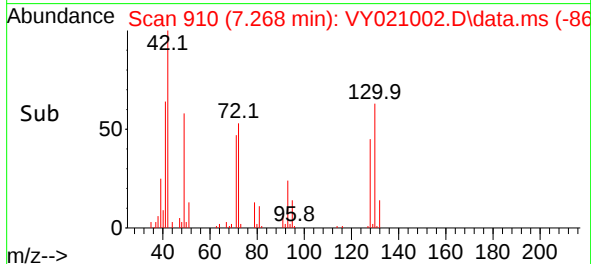
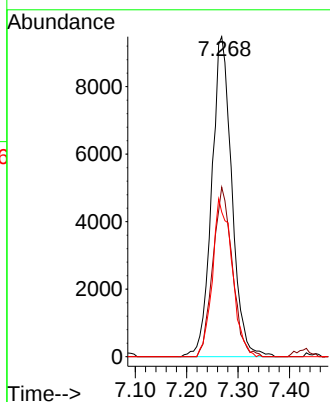
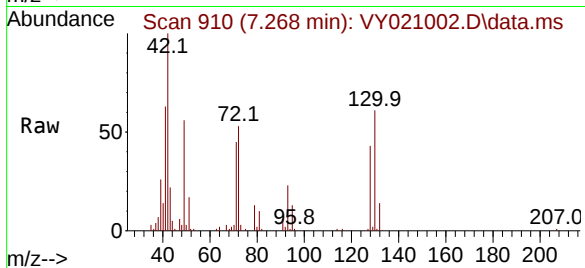
Tgt Ion: 42 Resp: 25775

Ion Ratio Lower Upper

42 100

72 51.2 39.3 58.9

71 48.2 36.1 54.1



#30

Chloroform

Concen: 19.645 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021002.D

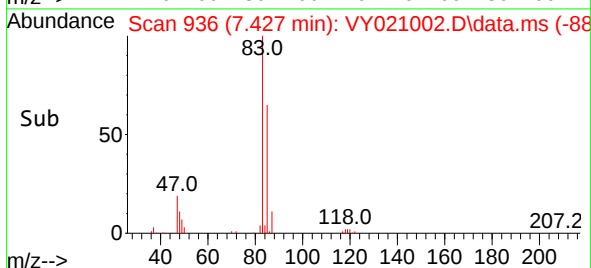
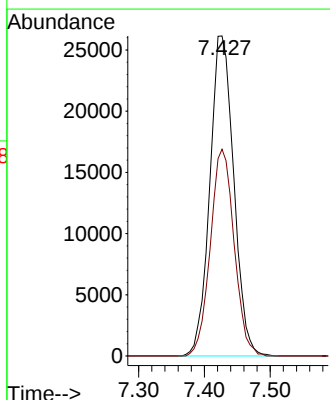
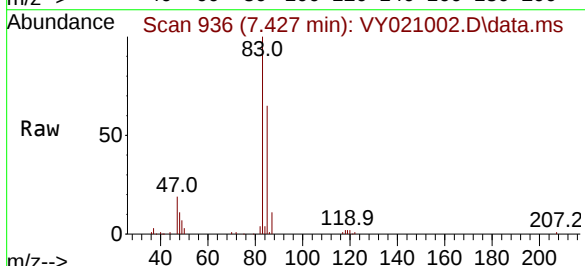
Acq: 31 Jan 2025 11:08

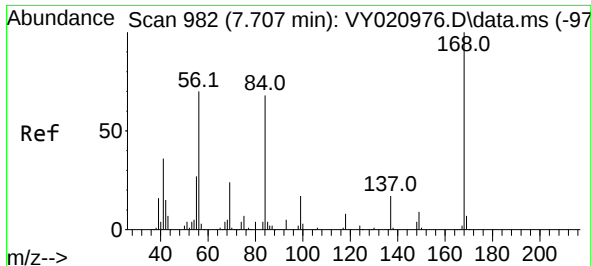
Tgt Ion: 83 Resp: 66292

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3

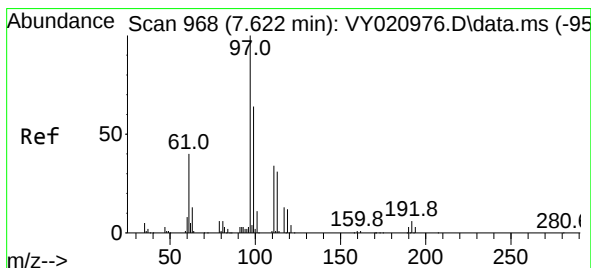
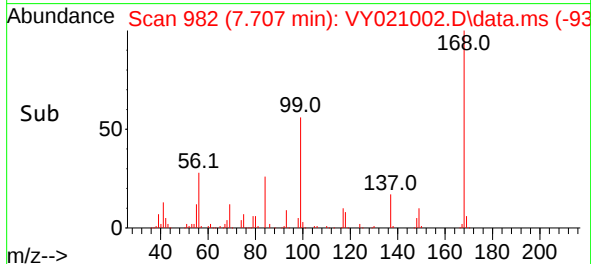
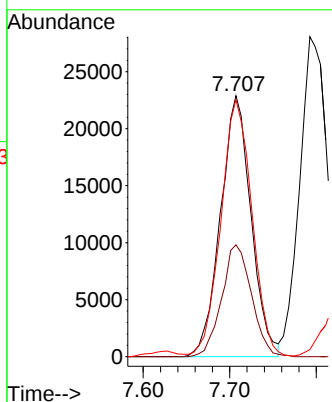
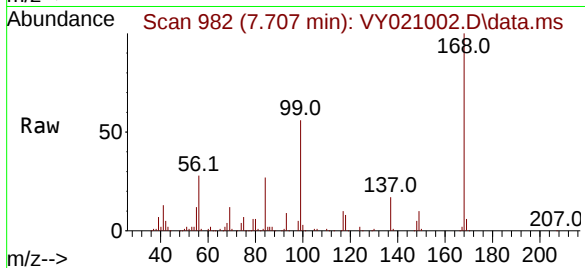




#31
Cyclohexane
Concen: 18.416 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

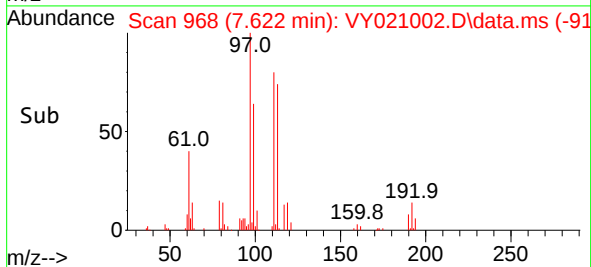
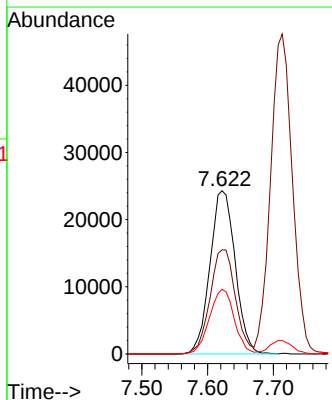
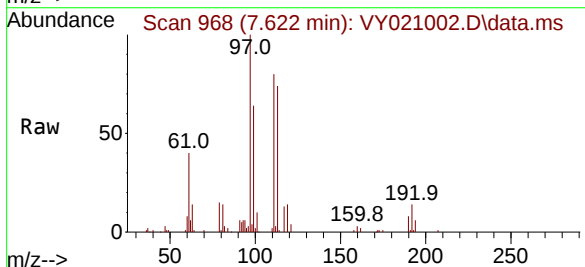
Instrument :
MSVOA_Y
ClientSampleId :

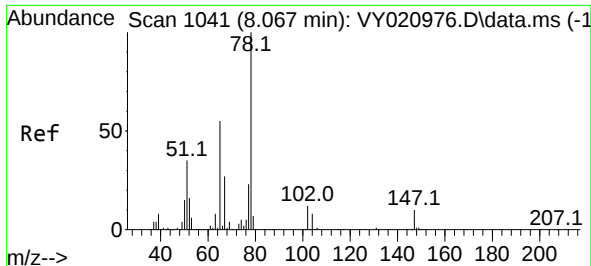
Tgt Ion: 56 Resp: 56083
Ion Ratio Lower Upper
56 100
69 42.9 27.7 41.5#
84 97.4 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 19.862 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 97 Resp: 64866
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 38.8 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 47.324 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

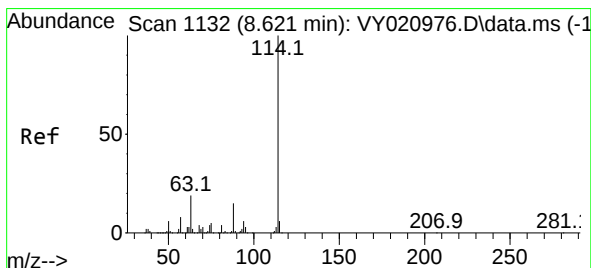
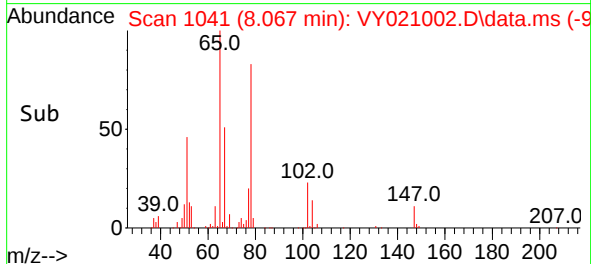
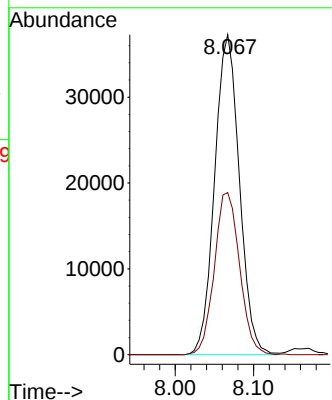
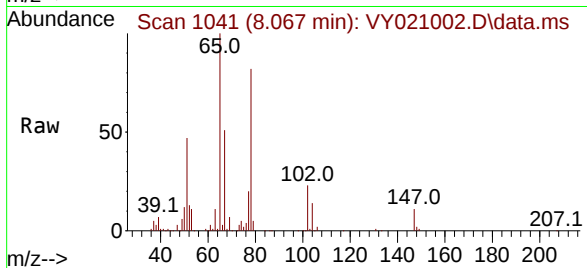
ClientSampleId :

Tgt Ion: 65 Resp: 81920

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

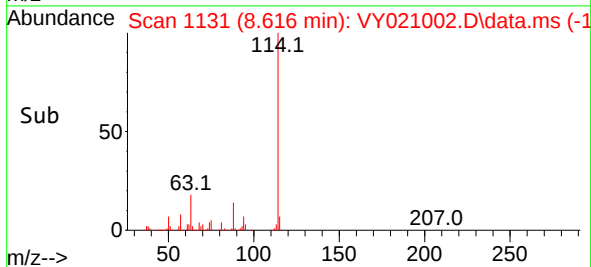
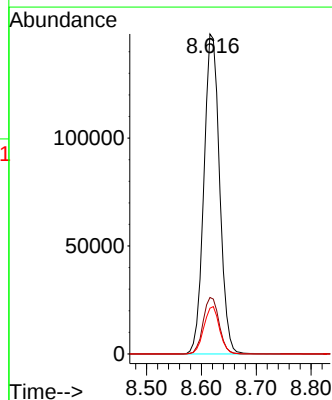
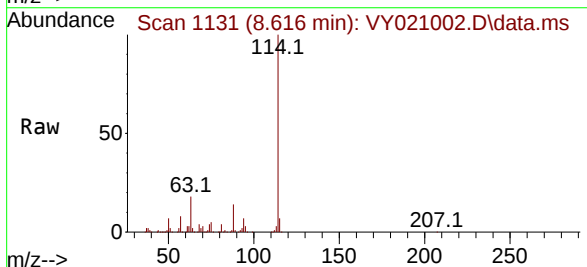
Tgt Ion: 114 Resp: 293649

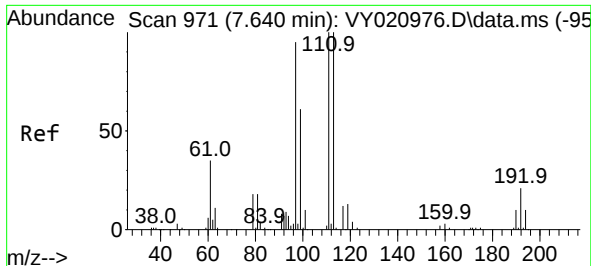
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.2

88 14.3 0.0 29.6

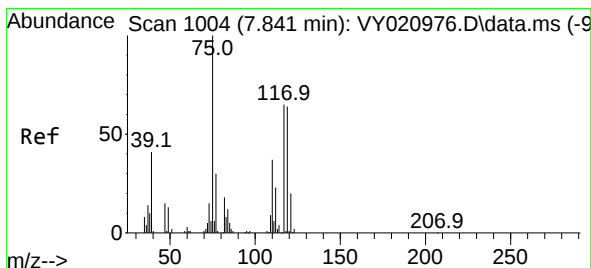
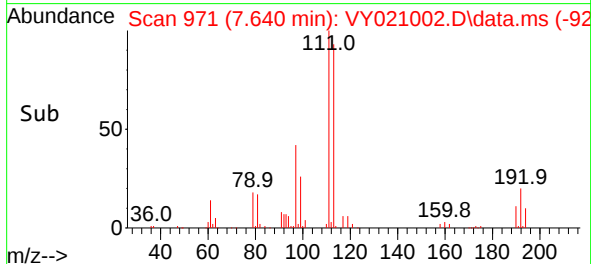
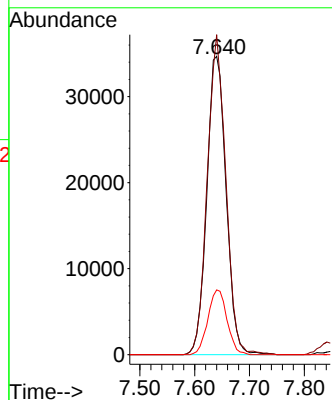
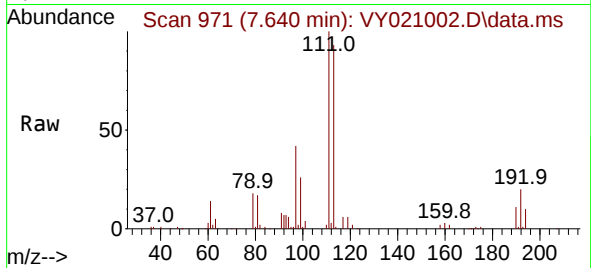




#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

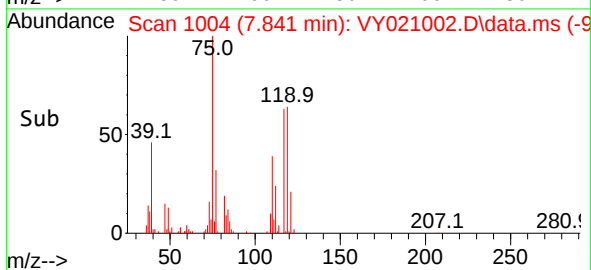
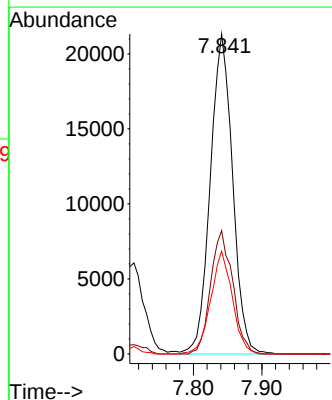
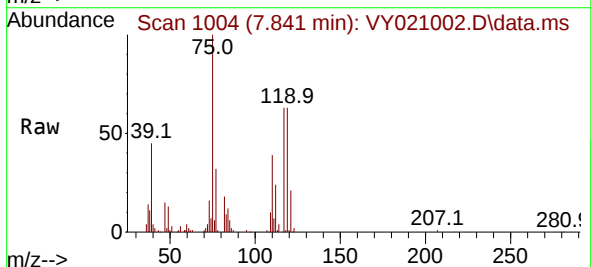
Instrument :
MSVOA_Y
ClientSampleId :

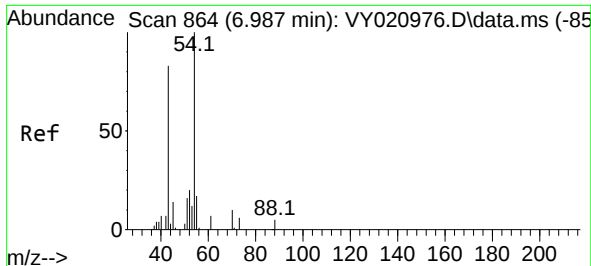
Tgt Ion:113 Resp: 84912
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.144 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 75 Resp: 48214
Ion Ratio Lower Upper
75 100
110 38.1 18.4 55.2
77 31.1 24.9 37.3

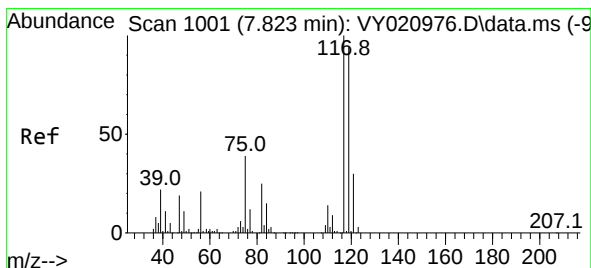
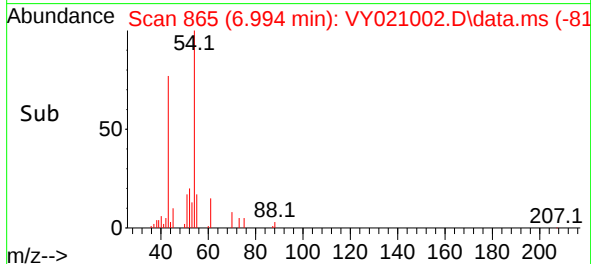
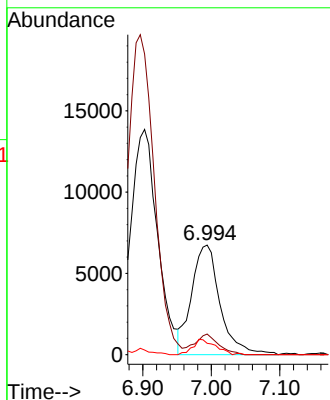
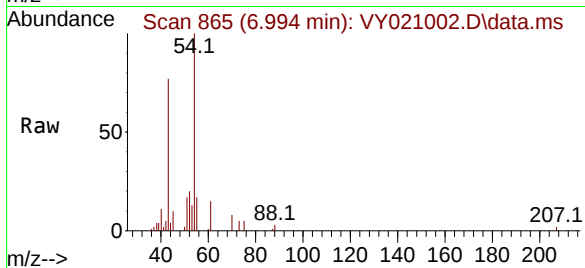




#37
Ethyl Acetate
Concen: 20.793 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

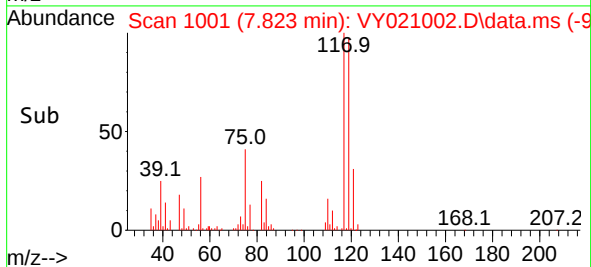
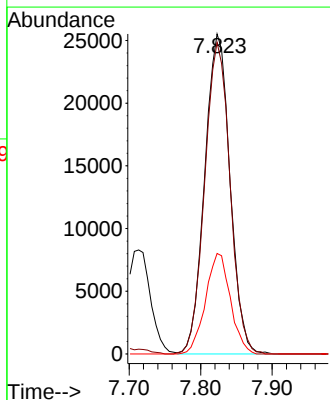
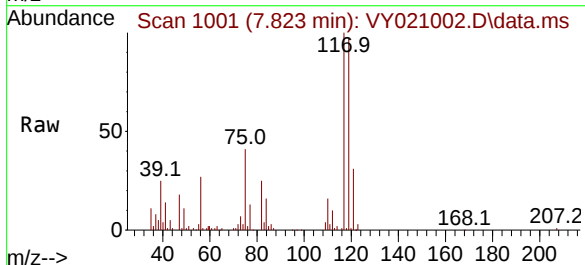
Instrument :
MSVOA_Y
ClientSampleId :

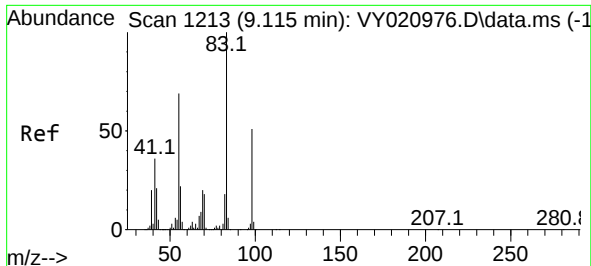
Tgt Ion: 43 Resp: 19523
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 11.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 20.121 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 117 Resp: 62709
Ion Ratio Lower Upper
117 100
119 97.4 75.0 112.6
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 19.015 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

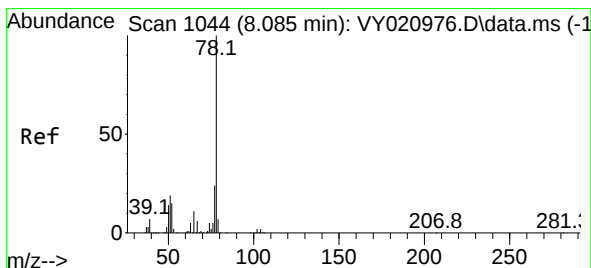
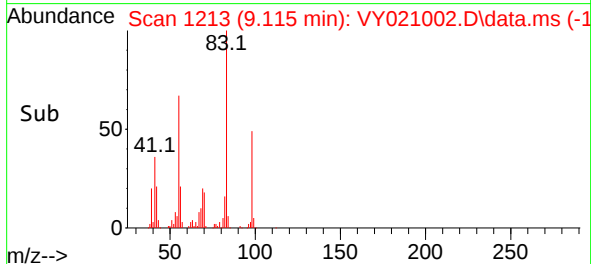
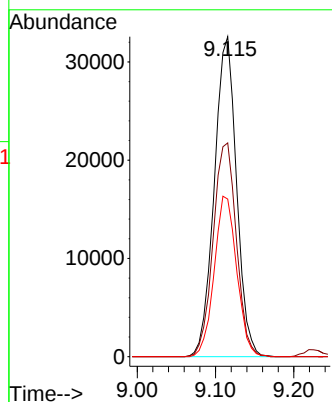
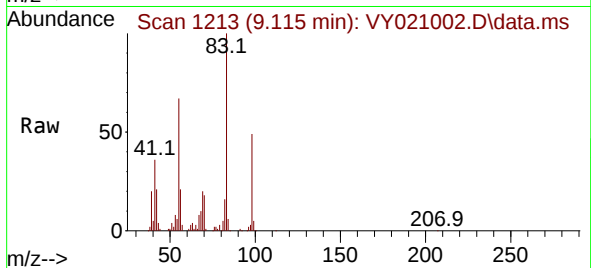
Tgt Ion: 83 Resp: 64332

Ion Ratio Lower Upper

83 100

55 66.8 54.9 82.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 19.735 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021002.D

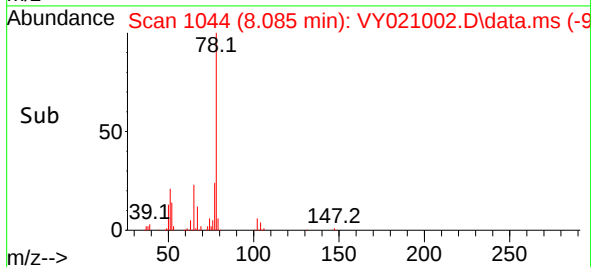
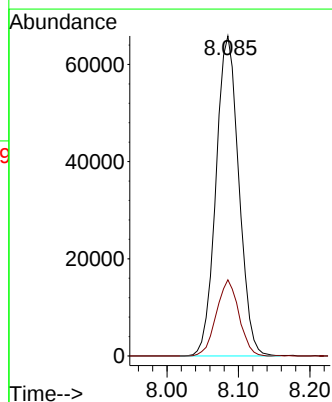
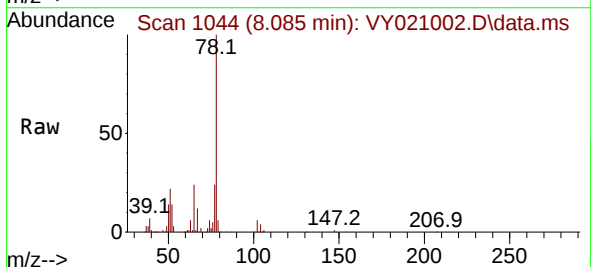
Acq: 31 Jan 2025 11:08

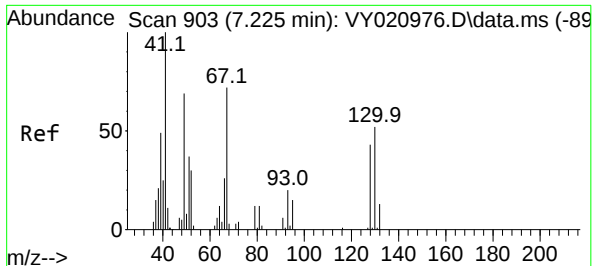
Tgt Ion: 78 Resp: 146249

Ion Ratio Lower Upper

78 100

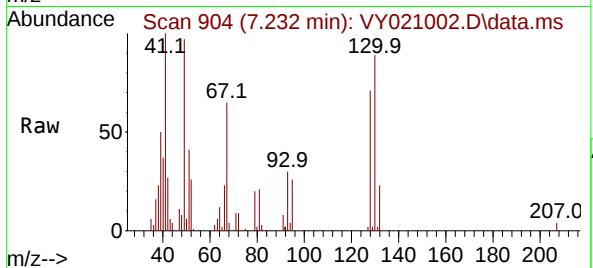
77 23.8 19.4 29.2



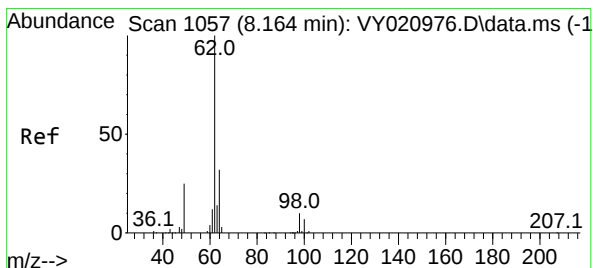
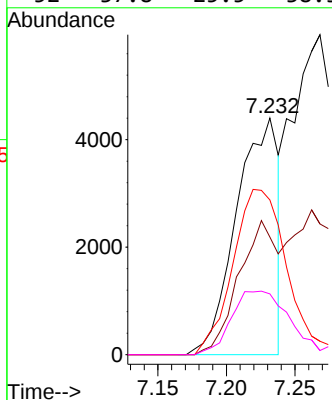
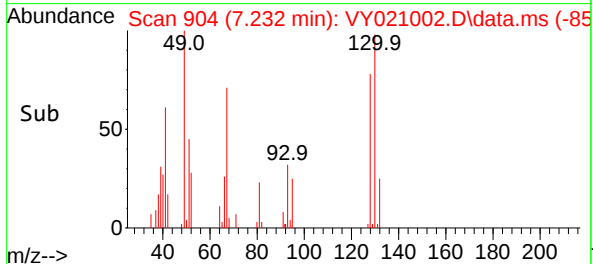


#41
Methacrylonitrile
Concen: 18.083 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

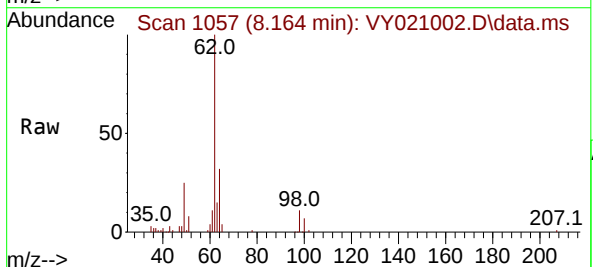
Instrument :
MSVOA_Y
ClientSampleId :



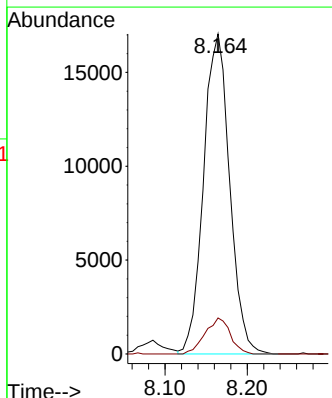
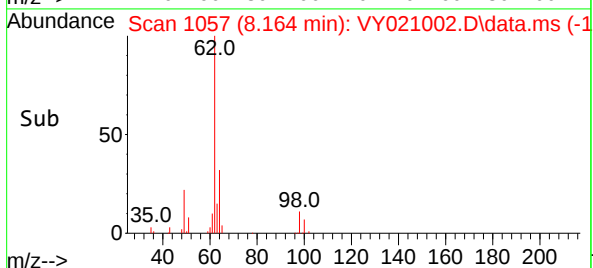
Tgt Ion: 41	Resp: 9394
Ion Ratio	Lower Upper
41 100	
39 51.2	41.6 62.4
67 89.6	63.8 95.6
52 37.8	25.5 38.3

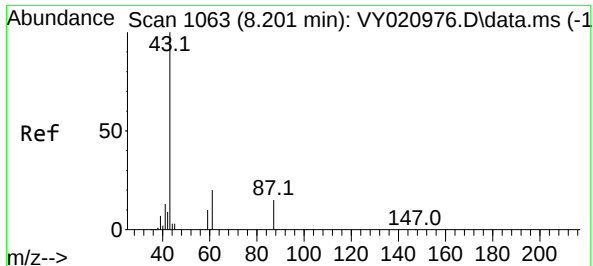


#42
1,2-Dichloroethane
Concen: 20.038 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08



Tgt Ion: 62	Resp: 37659
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 19.4

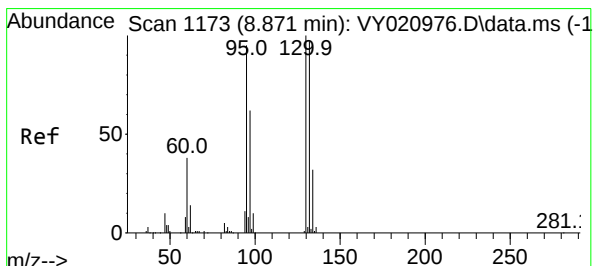
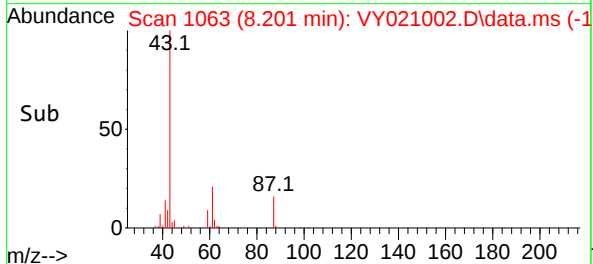
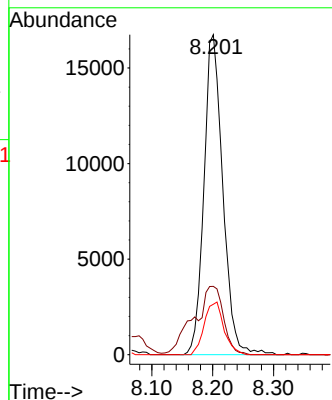
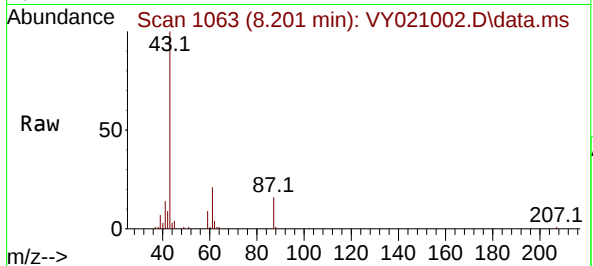




#43
Isopropyl Acetate
Concen: 19.225 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

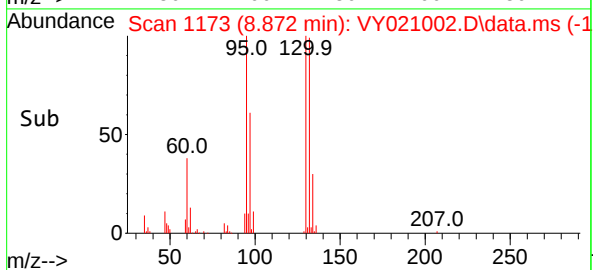
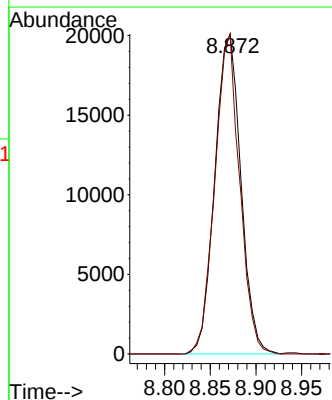
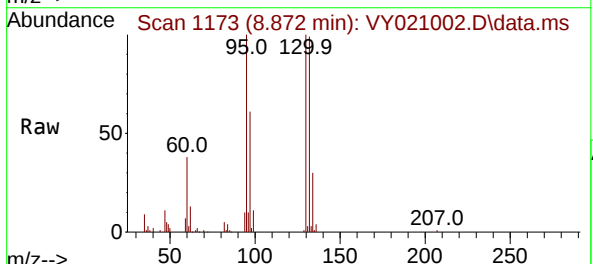
Instrument :
MSVOA_Y
ClientSampleId :

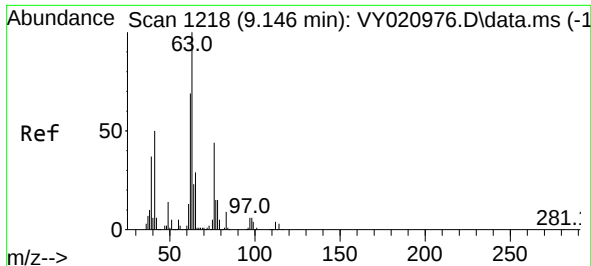
Tgt Ion: 43 Resp: 36061
Ion Ratio Lower Upper
43 100
61 33.6 15.8 23.6#
87 17.1 12.5 18.7



#44
Trichloroethene
Concen: 19.451 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion:130 Resp: 39774
Ion Ratio Lower Upper
130 100
95 100.0 0.0 189.6





#45

1,2-Dichloropropane

Concen: 18.739 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

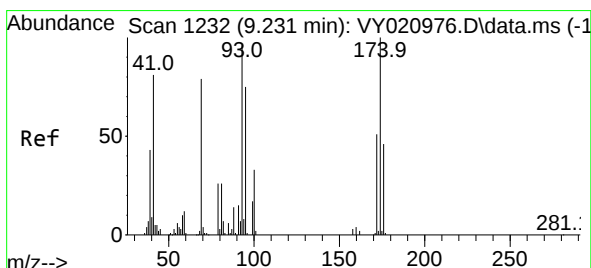
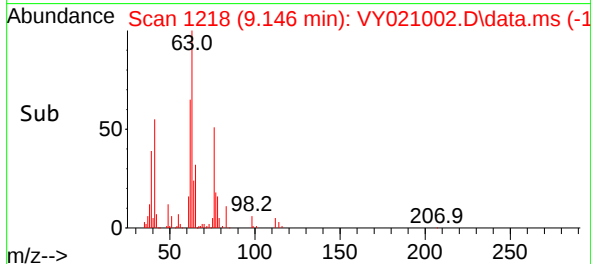
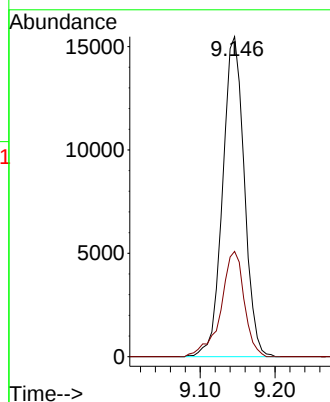
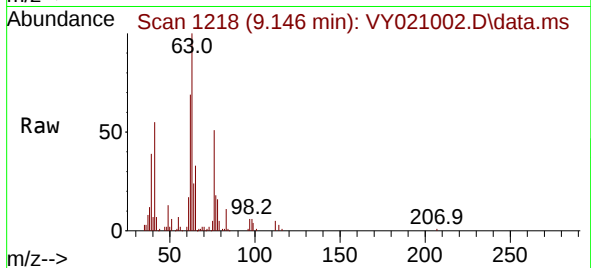
ClientSampleId :

Tgt Ion: 63 Resp: 31124

Ion Ratio Lower Upper

63 100

65 32.9 23.6 35.4



#46

Dibromomethane

Concen: 20.101 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

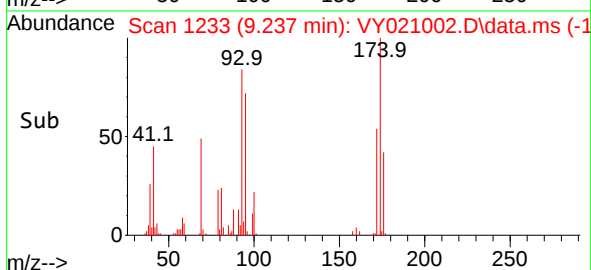
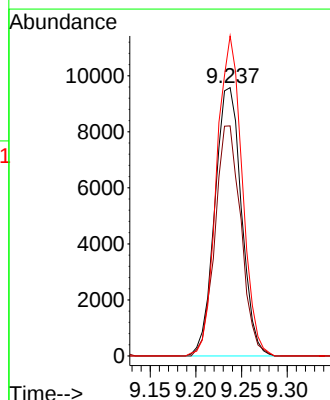
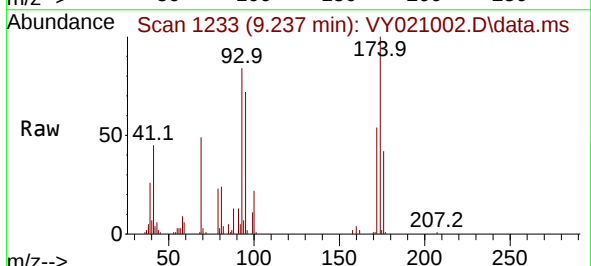
Tgt Ion: 93 Resp: 19429

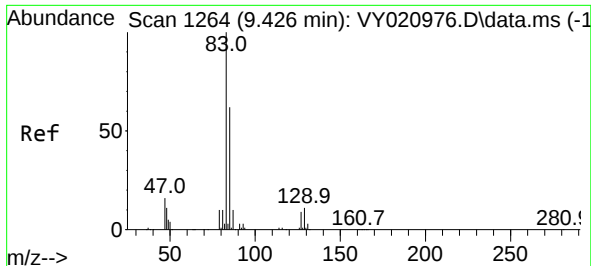
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

174 114.0 88.1 132.1

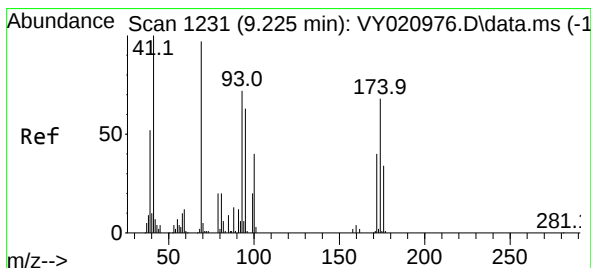
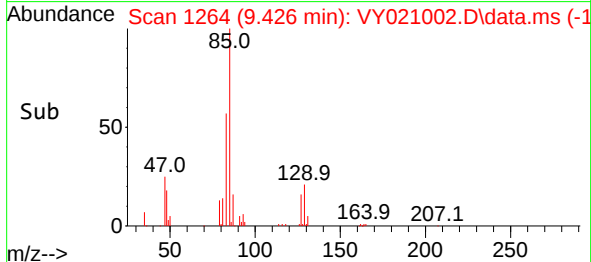
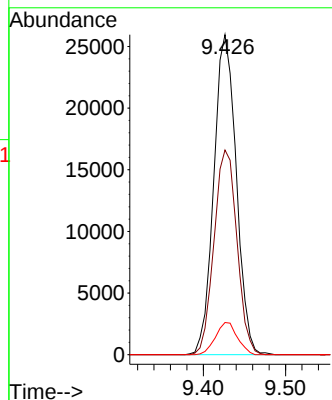
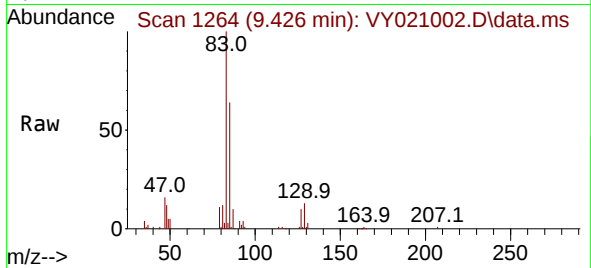




#47
Bromodichloromethane
Concen: 19.438 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

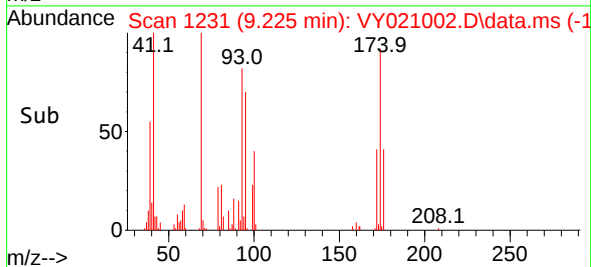
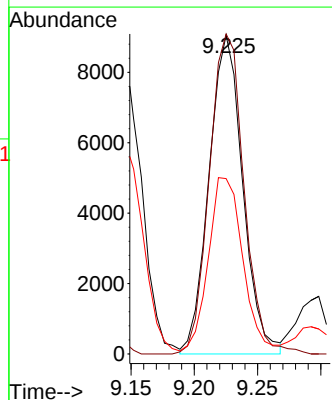
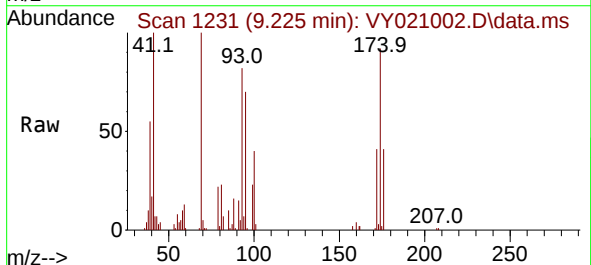
Instrument :
MSVOA_Y
ClientSampleId :

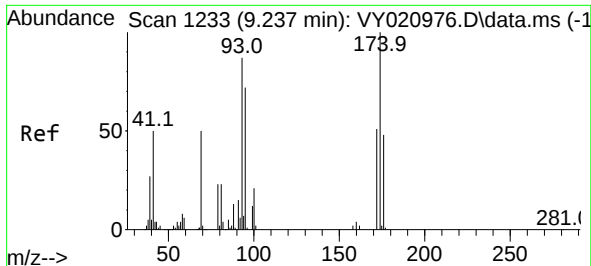
Tgt Ion: 83 Resp: 49341
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 18.791 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 41 Resp: 16781
Ion Ratio Lower Upper
41 100
69 102.8 75.6 113.4
39 55.1 41.3 61.9





#49

1,4-Dioxane

Concen: 426.736 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

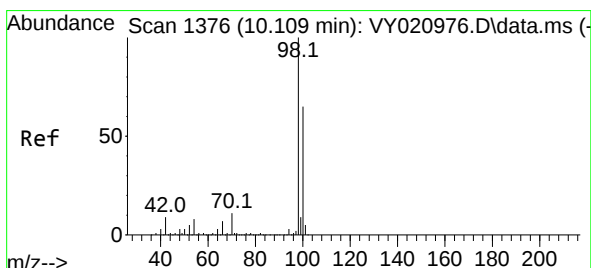
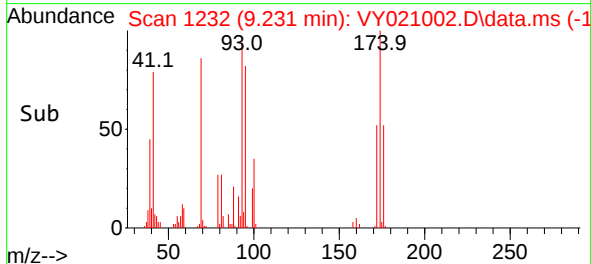
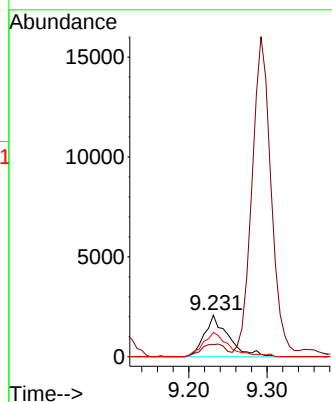
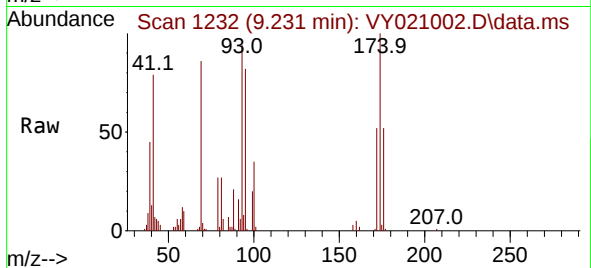
Tgt Ion: 88 Resp: 4383

Ion Ratio Lower Upper

88 100

43 32.0 24.2 36.4

58 64.7 57.3 85.9



#50

Toluene-d8

Concen: 46.968 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021002.D

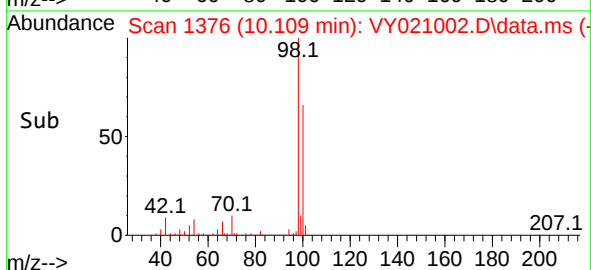
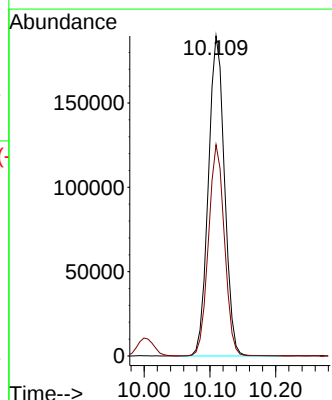
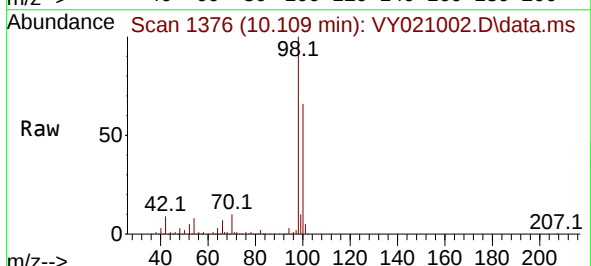
Acq: 31 Jan 2025 11:08

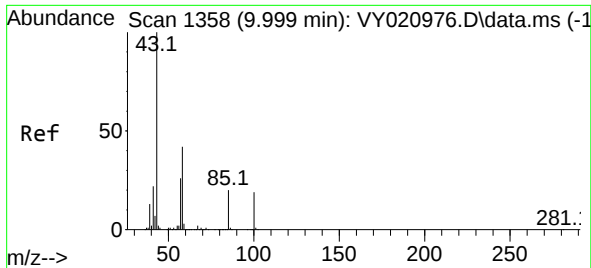
Tgt Ion: 98 Resp: 323625

Ion Ratio Lower Upper

98 100

100 65.4 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 97.478 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

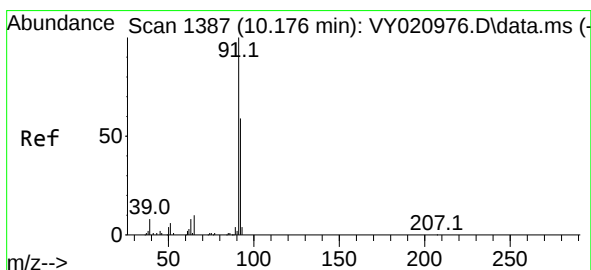
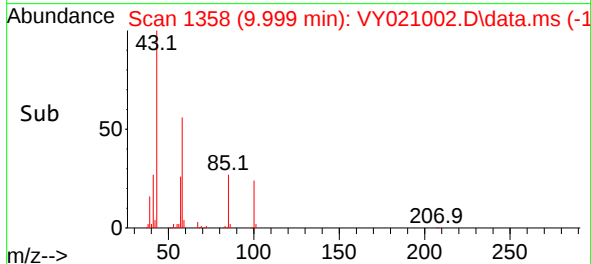
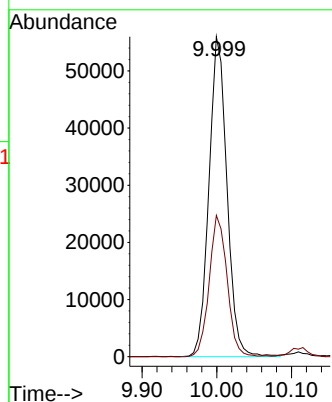
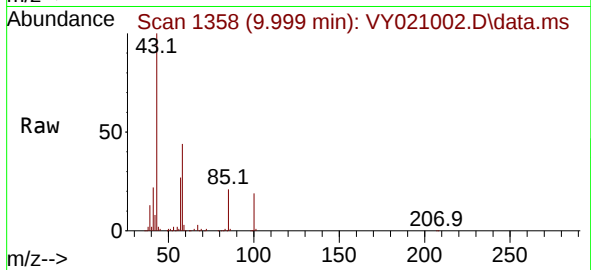
ClientSampleId :

Tgt Ion: 43 Resp: 93954

Ion Ratio Lower Upper

43 100

58 43.9 33.8 50.8



#52

Toluene

Concen: 19.796 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY021002.D

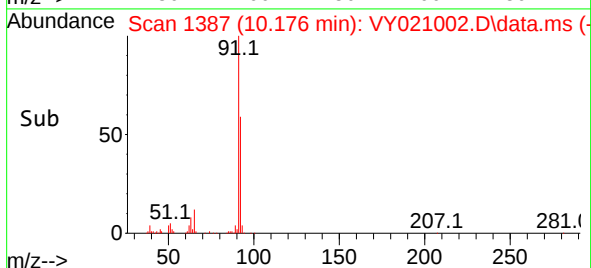
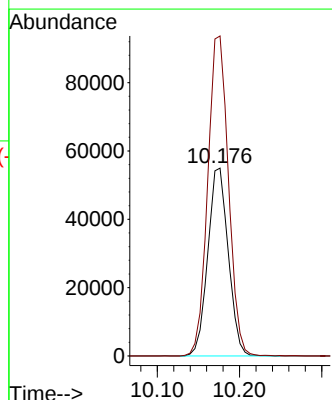
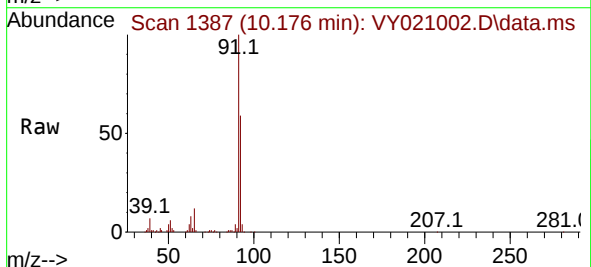
Acq: 31 Jan 2025 11:08

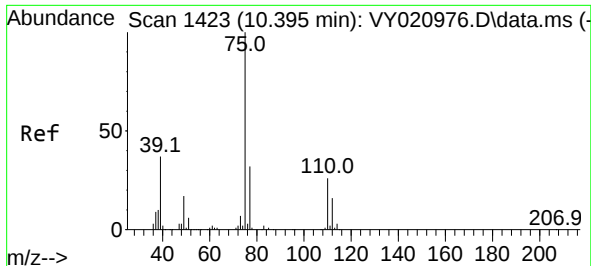
Tgt Ion: 92 Resp: 95223

Ion Ratio Lower Upper

92 100

91 172.2 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 19.682 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

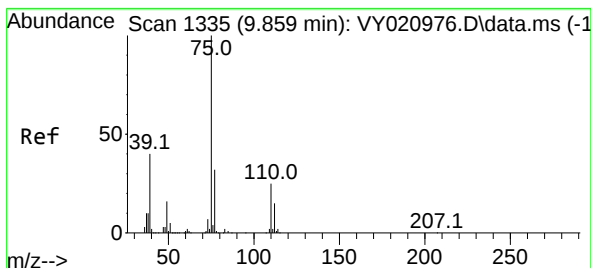
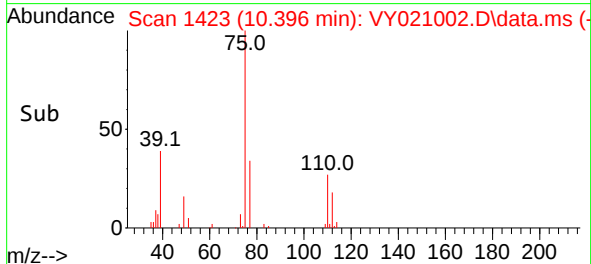
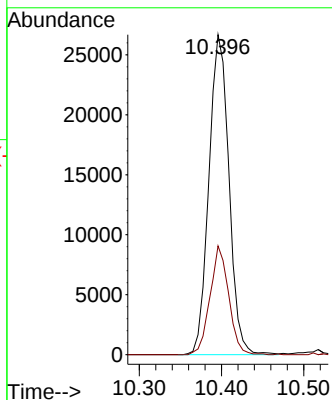
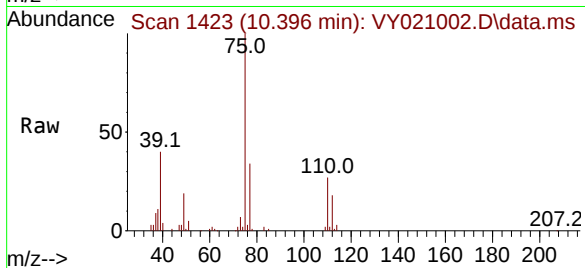
ClientSampleId :

Tgt Ion: 75 Resp: 45211

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 19.220 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

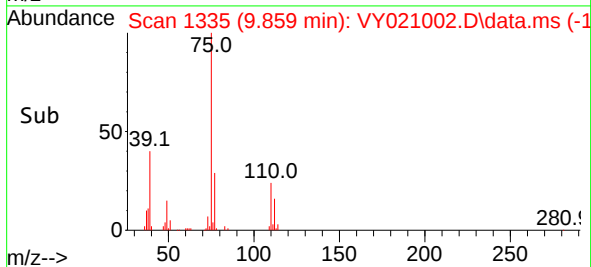
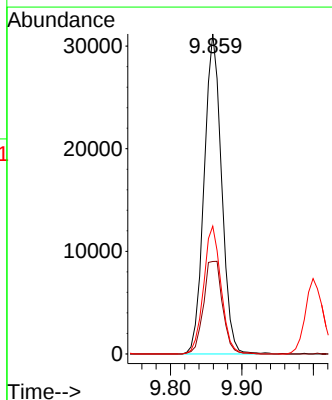
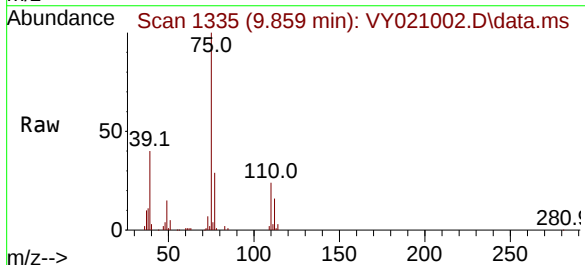
Tgt Ion: 75 Resp: 52767

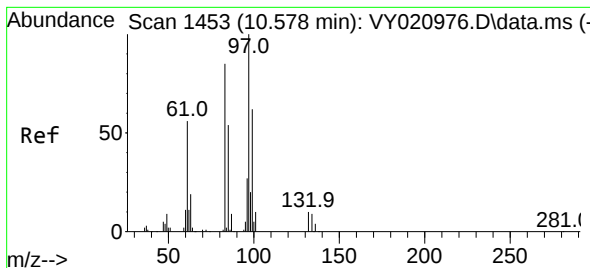
Ion Ratio Lower Upper

75 100

77 28.9 25.4 38.0

39 39.9 32.2 48.2

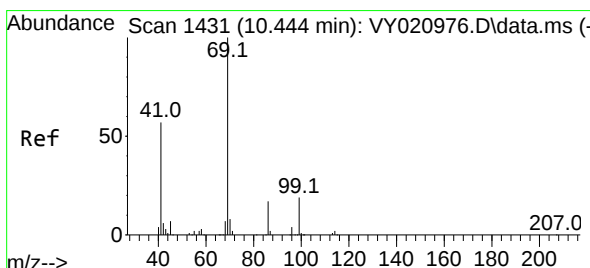
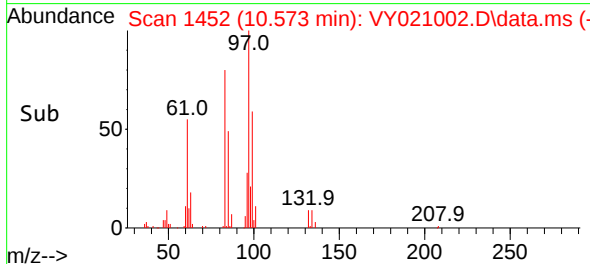
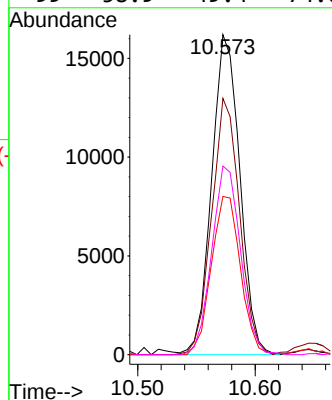
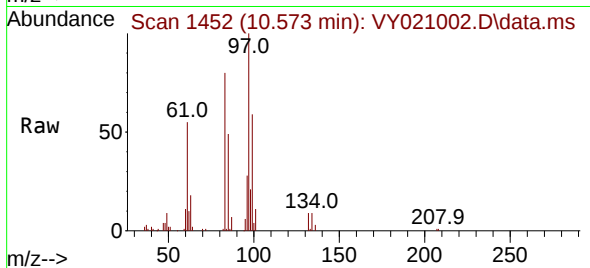




#55
1,1,2-Trichloroethane
Concen: 20.976 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

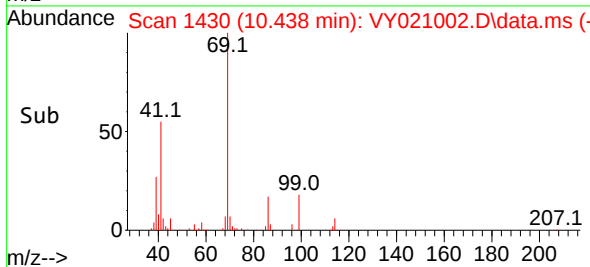
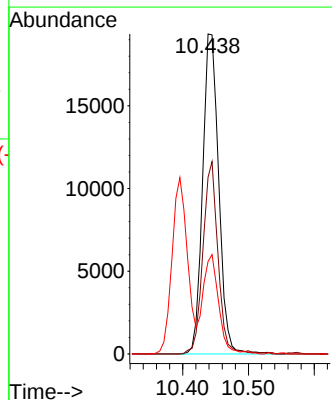
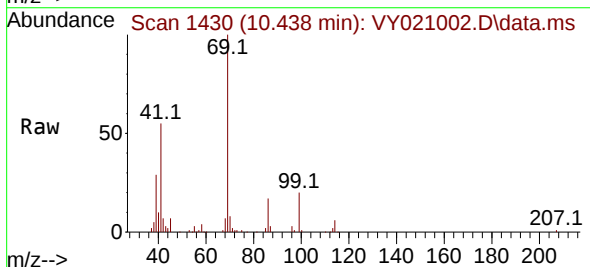
Instrument :
MSVOA_Y
ClientSampleId :

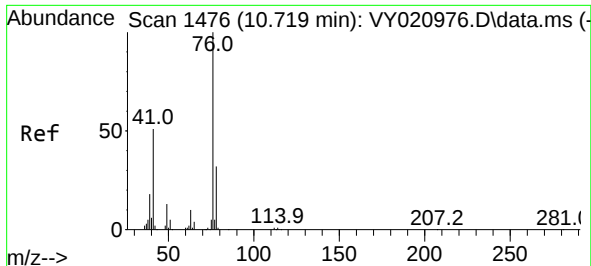
Tgt Ion: 97	Resp: 26964
Ion Ratio	Lower Upper
97 100	
83 79.8	67.7 101.5
85 49.4	43.4 65.2
99 58.9	49.4 74.0



#56
Ethyl methacrylate
Concen: 19.616 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 69	Resp: 32960
Ion Ratio	Lower Upper
69 100	
41 56.5	46.3 69.5
39 30.4	24.5 36.7





#57

1,3-Dichloropropane

Concen: 19.864 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

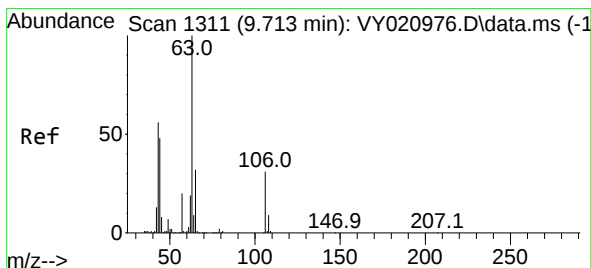
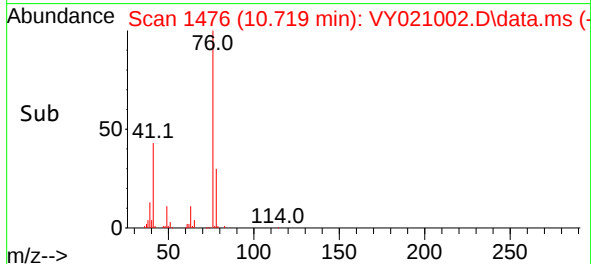
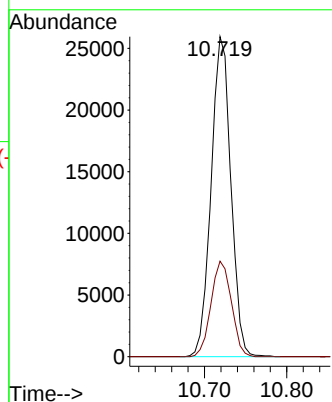
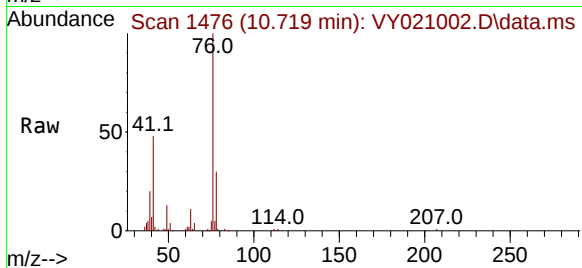
ClientSampleId :

Tgt Ion: 76 Resp: 43278

Ion Ratio Lower Upper

76 100

78 30.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.215 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021002.D

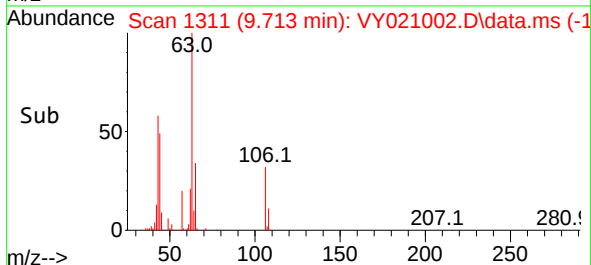
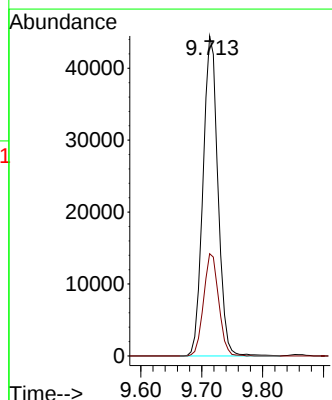
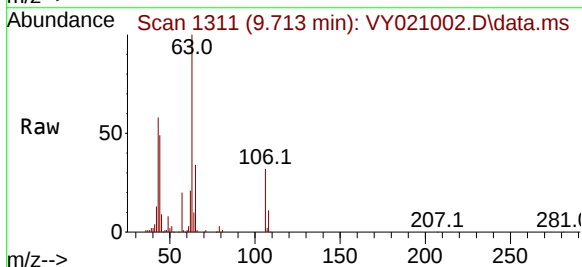
Acq: 31 Jan 2025 11:08

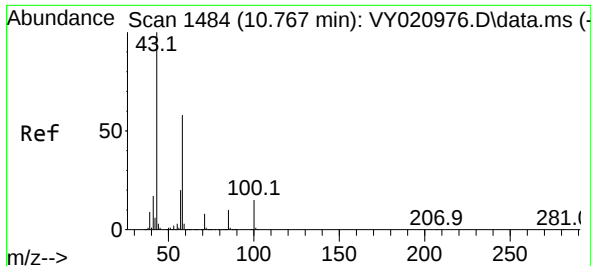
Tgt Ion: 63 Resp: 75748

Ion Ratio Lower Upper

63 100

106 32.3 24.7 37.1

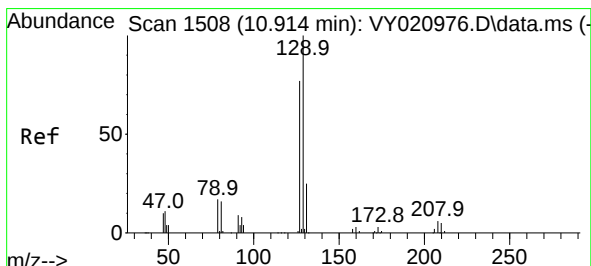
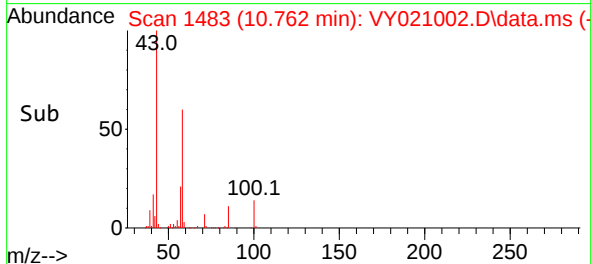
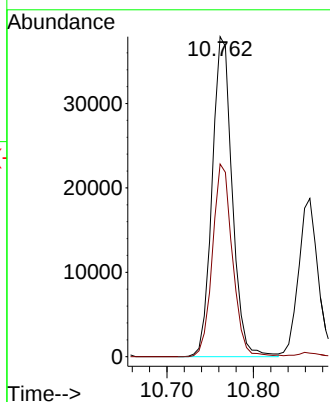
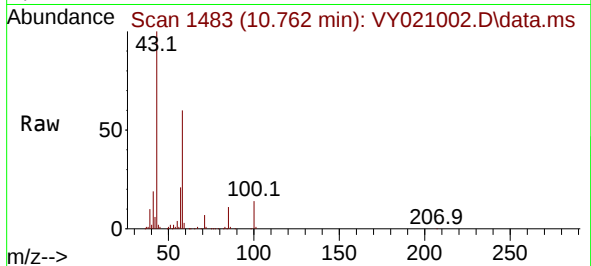




#59
2-Hexanone
Concen: 97.265 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

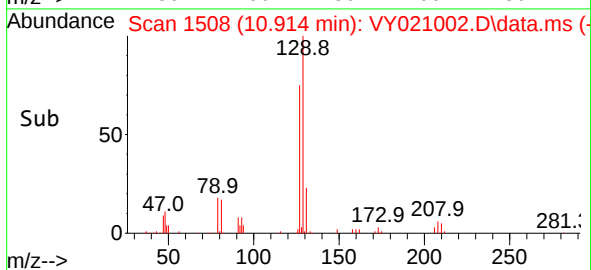
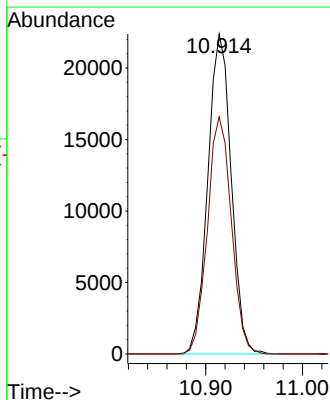
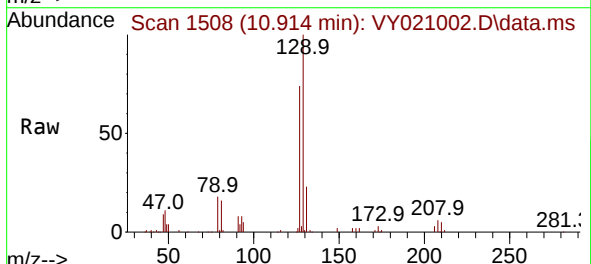
Instrument :
MSVOA_Y
ClientSampleId :

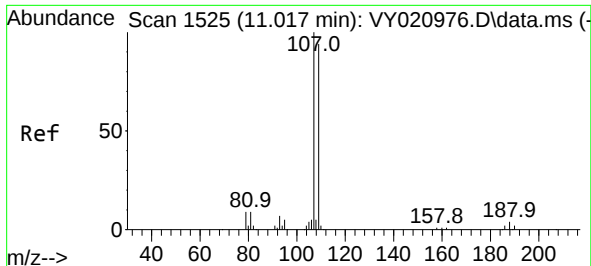
Tgt Ion: 43 Resp: 60936
Ion Ratio Lower Upper
43 100
58 60.1 29.8 89.3



#60
Dibromochloromethane
Concen: 20.517 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion:129 Resp: 37604
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.3

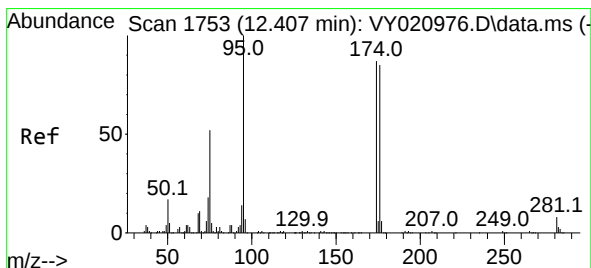
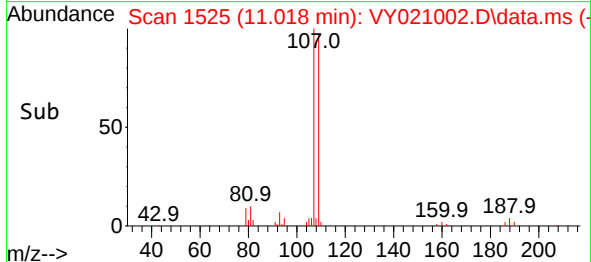
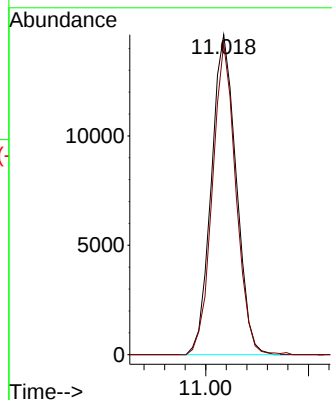
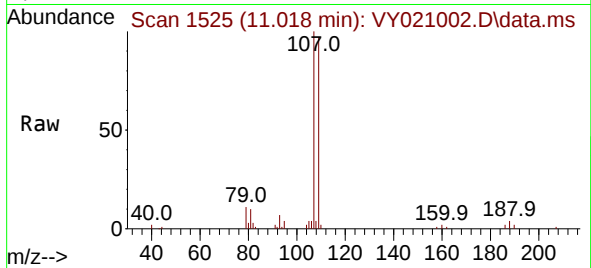




#61
1,2-Dibromoethane
Concen: 19.997 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

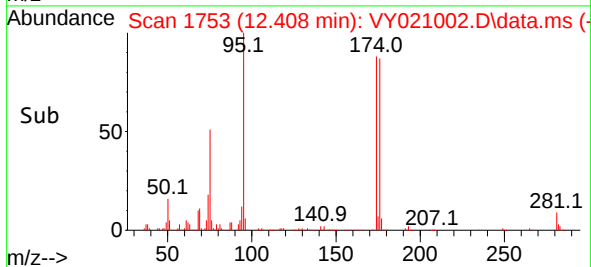
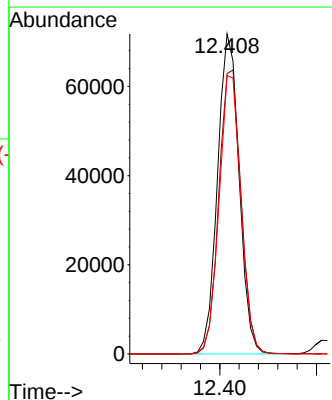
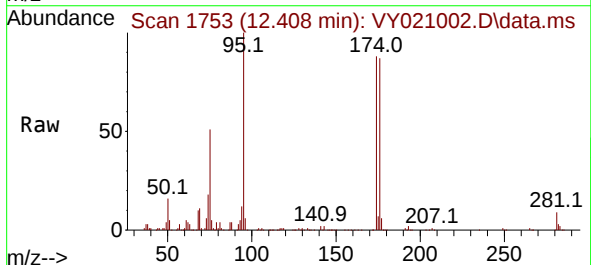
Instrument :
MSVOA_Y
ClientSampleId :

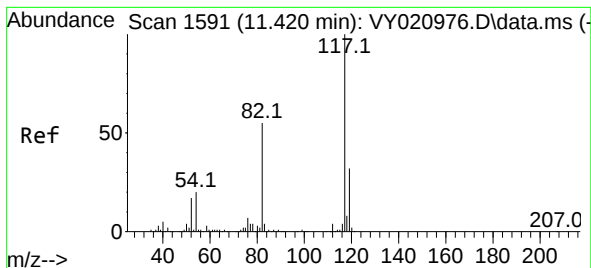
Tgt Ion:107 Resp: 24552
Ion Ratio Lower Upper
107 100
109 91.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 95 Resp: 111079
Ion Ratio Lower Upper
95 100
174 91.3 0.0 181.2
176 88.3 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

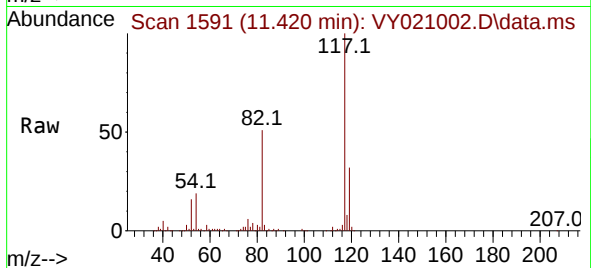
Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :



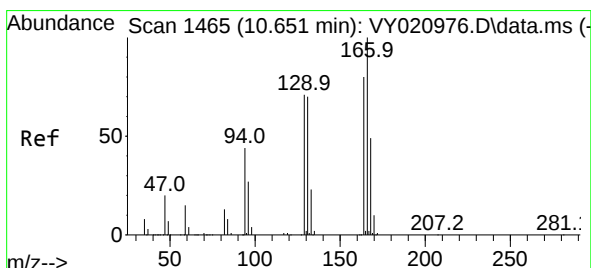
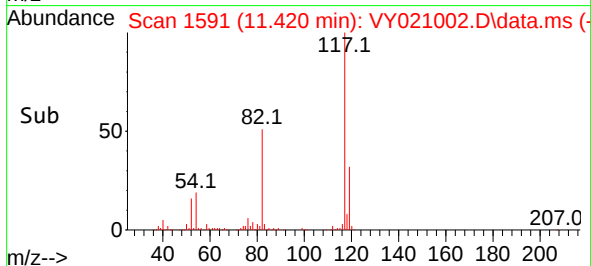
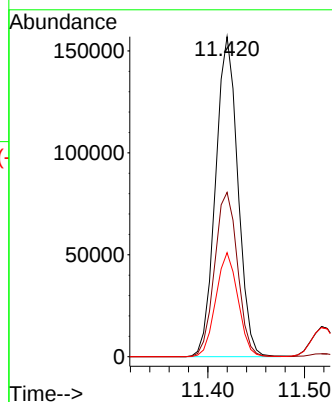
Tgt Ion:117 Resp: 251226

Ion Ratio Lower Upper

117 100

82 51.3 44.2 66.2

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 19.787 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Tgt Ion:164 Resp: 37497

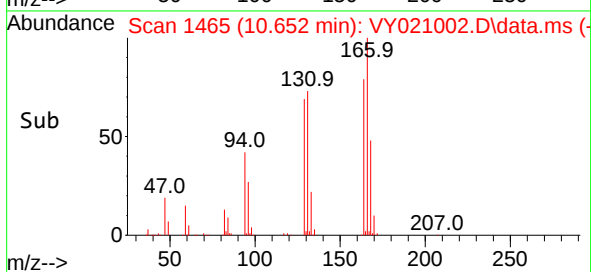
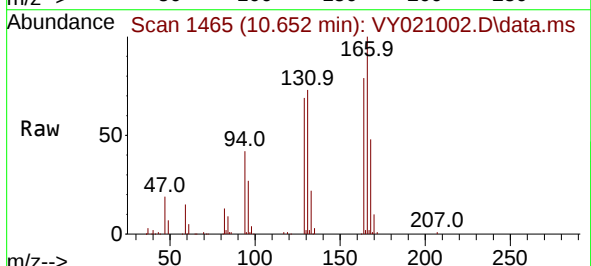
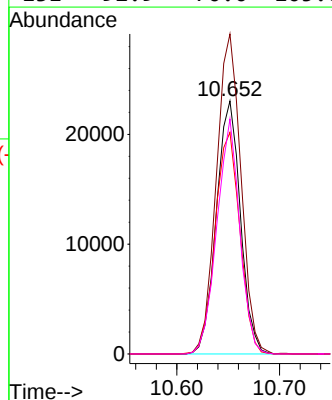
Ion Ratio Lower Upper

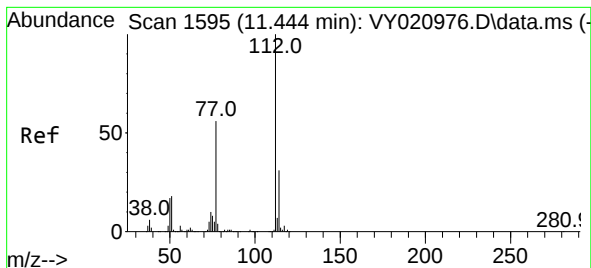
164 100

166 126.5 100.4 150.6

129 87.6 70.8 106.2

131 92.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.759 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

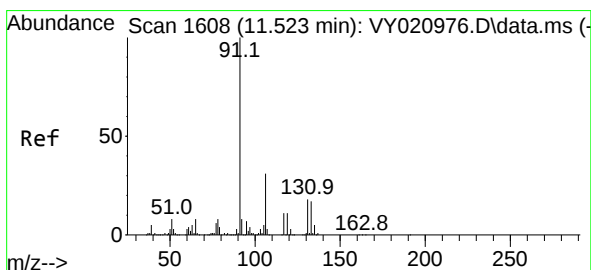
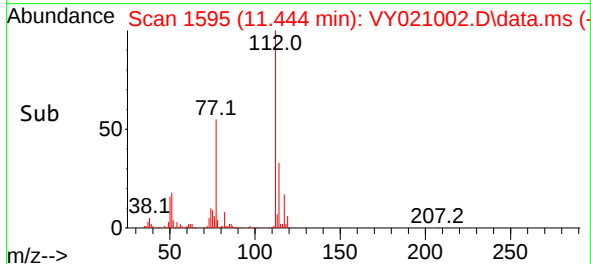
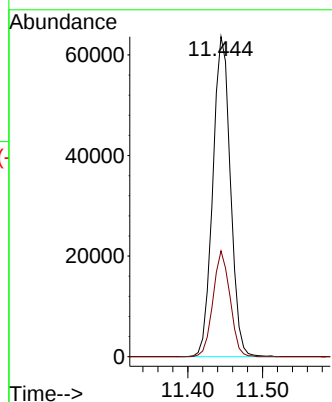
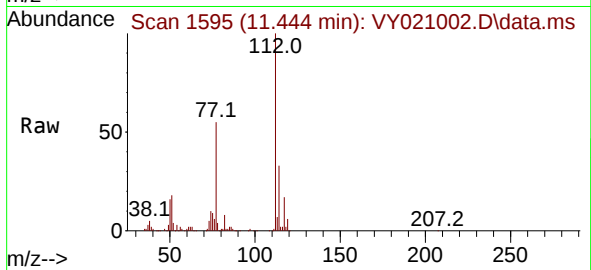
ClientSampleId :

Tgt Ion:112 Resp: 104584

Ion Ratio Lower Upper

112 100

114 33.0 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.591 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

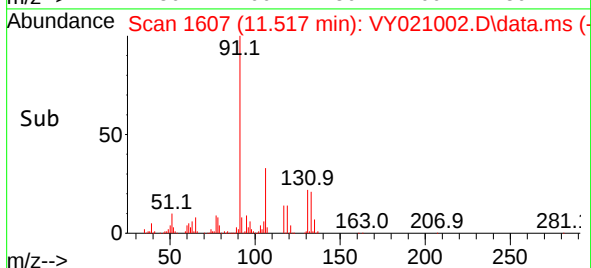
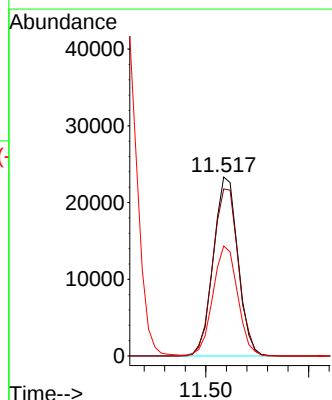
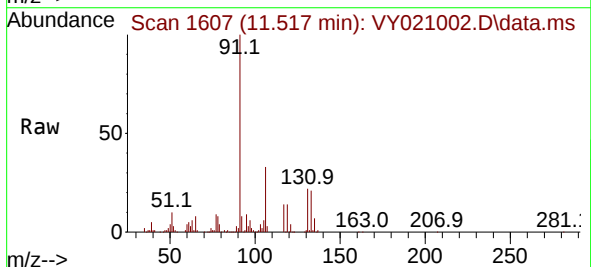
Tgt Ion:131 Resp: 38681

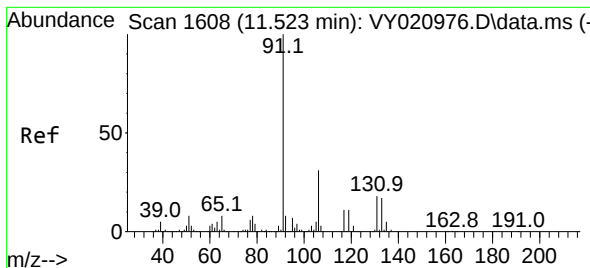
Ion Ratio Lower Upper

131 100

133 96.9 48.7 146.1

119 62.1 31.4 94.3





#67

Ethyl Benzene

Concen: 19.629 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

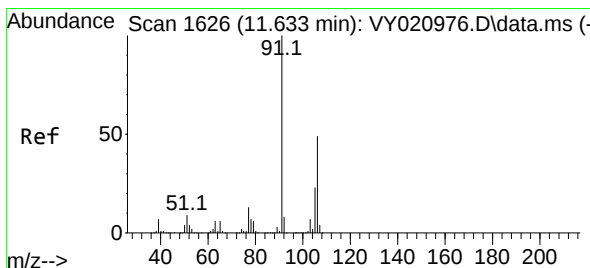
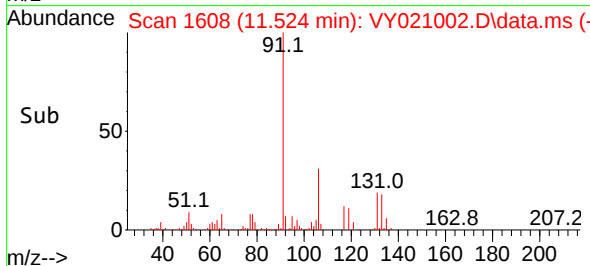
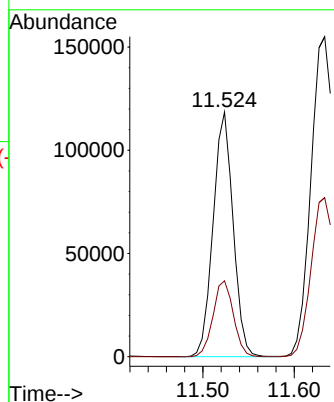
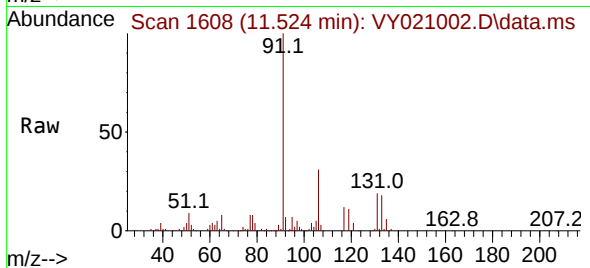
ClientSampleId :

Tgt Ion: 91 Resp: 179893

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 40.331 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021002.D

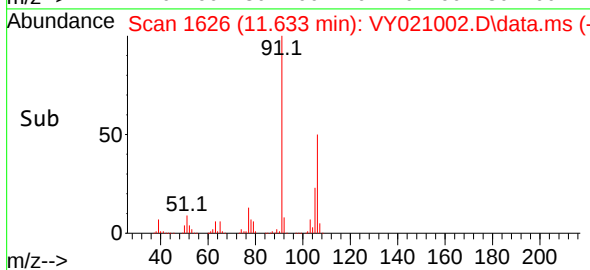
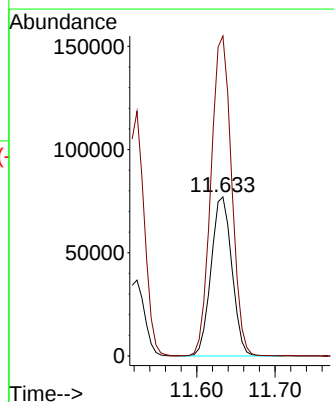
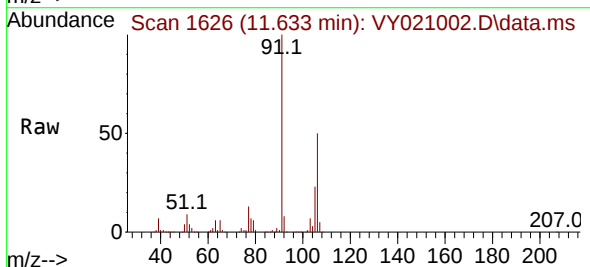
Acq: 31 Jan 2025 11:08

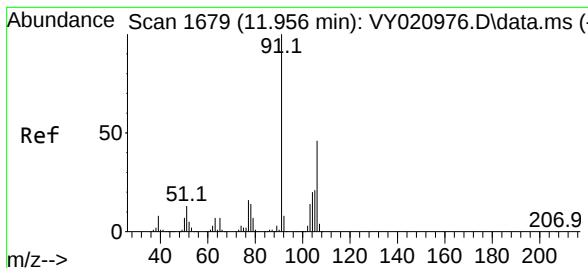
Tgt Ion:106 Resp: 142007

Ion Ratio Lower Upper

106 100

91 200.1 160.0 240.0

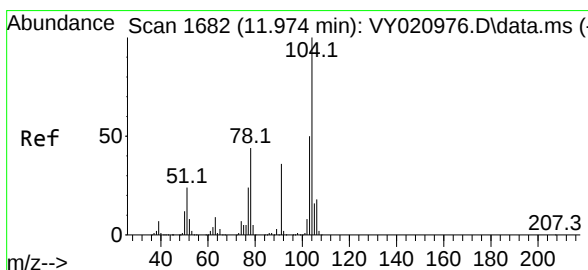
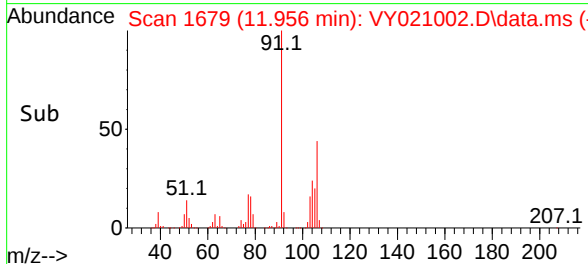
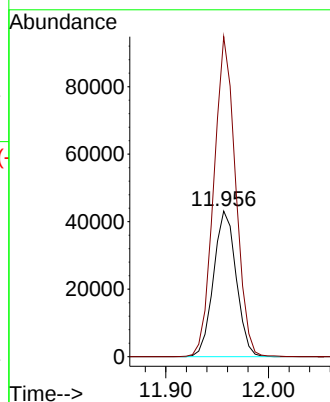
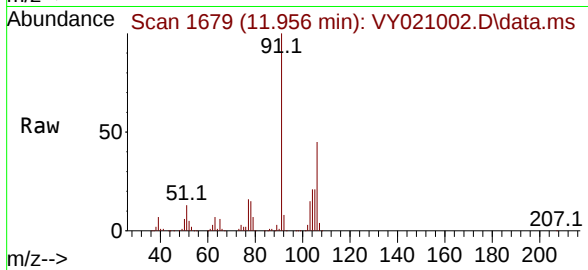




#69
o-Xylene
Concen: 20.161 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

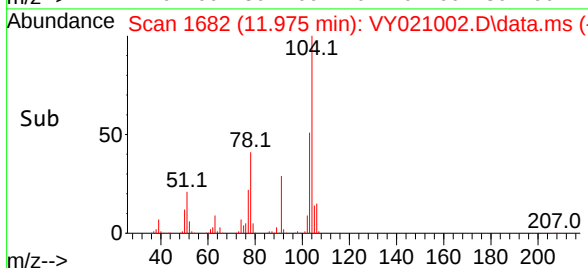
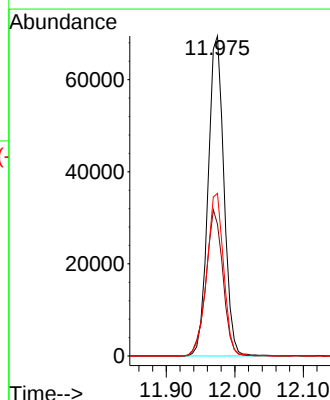
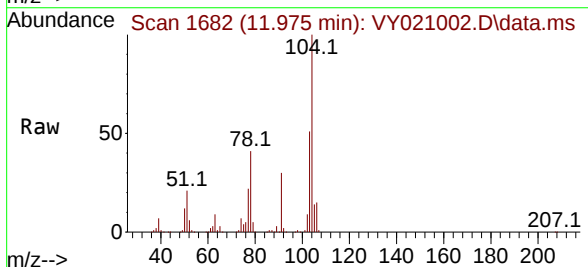
Instrument :
MSVOA_Y
ClientSampleId :

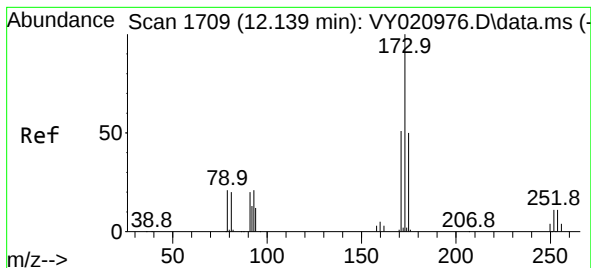
Tgt Ion:106 Resp: 65993
Ion Ratio Lower Upper
106 100
91 211.4 105.8 317.6



#70
Styrene
Concen: 20.550 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion:104 Resp: 111678
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.1 43.7 65.5





#71

Bromoform

Concen: 21.076 ug/l

RT: 12.133 min Scan# 1709

Delta R.T. -0.006 min

Lab File: VY021002.D

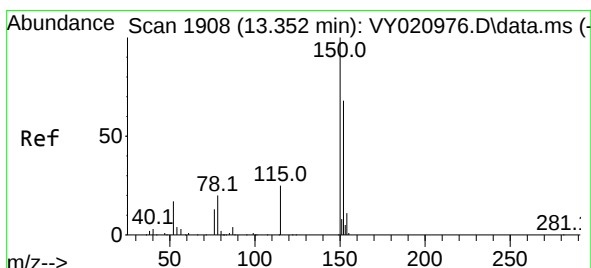
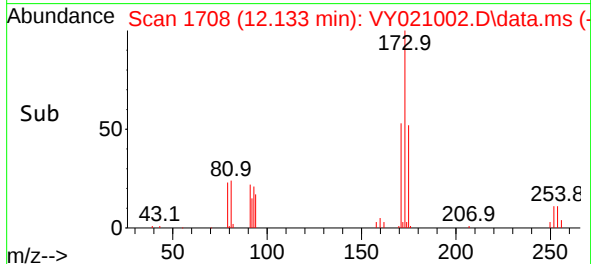
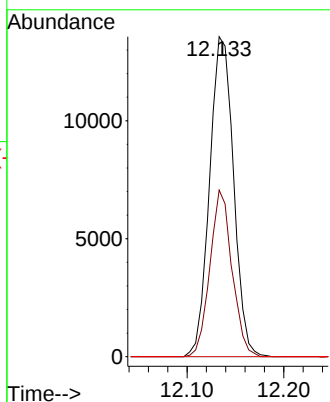
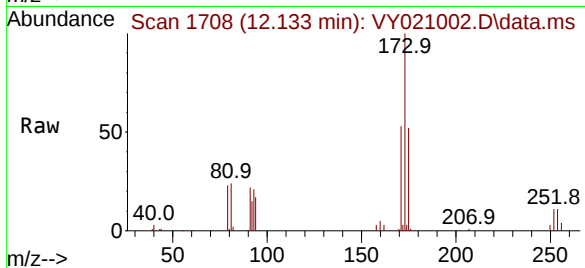
Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	23334
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.1 72.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

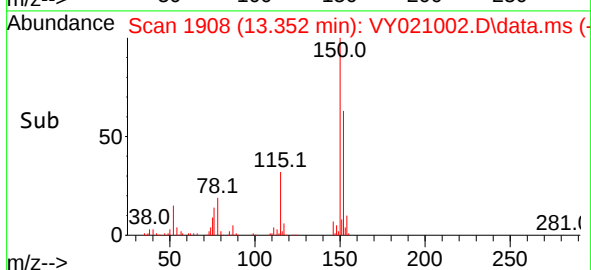
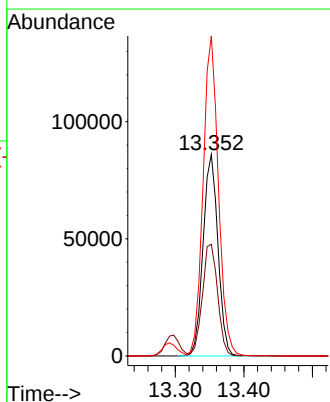
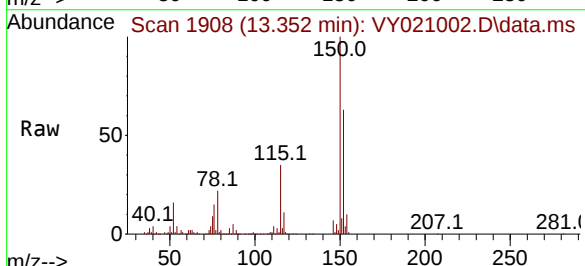
RT: 13.352 min Scan# 1908

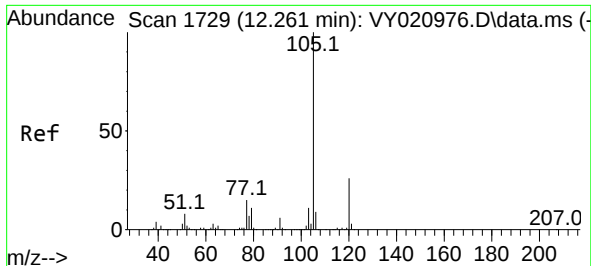
Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Tgt Ion:152	Resp:	129770
Ion Ratio	Lower	Upper
152	100	
115	57.2	28.4 85.2
150	163.5	0.0 342.8

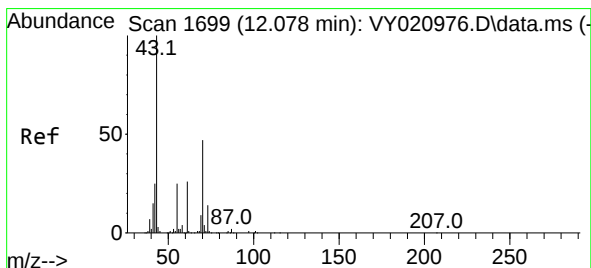
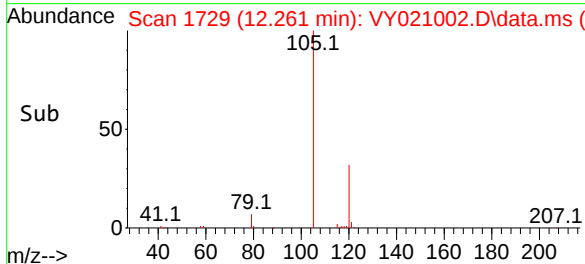
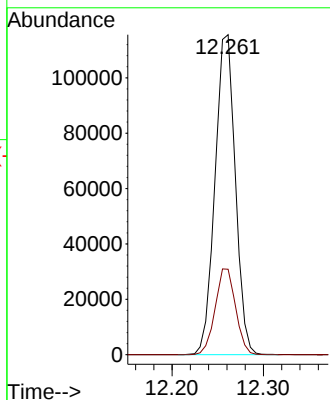
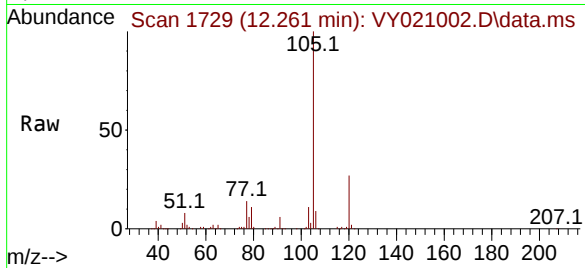




#73
Isopropylbenzene
Concen: 19.619 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

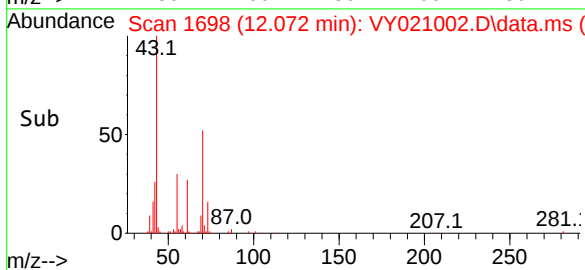
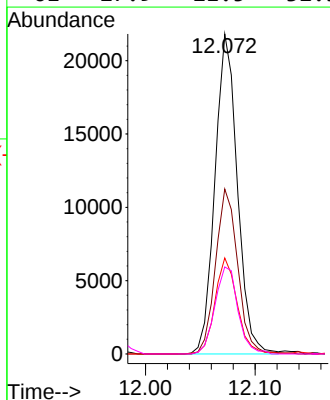
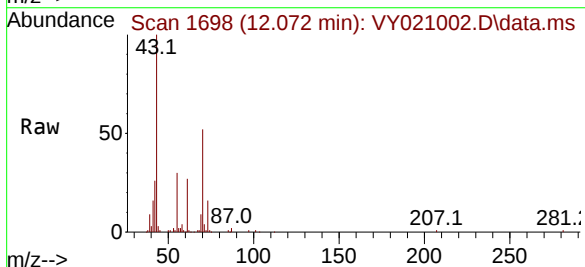
Instrument :
MSVOA_Y
ClientSampleId :

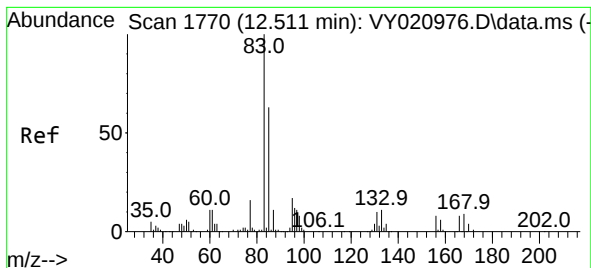
Tgt Ion:105 Resp: 178806
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 18.706 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 43 Resp: 31045
Ion Ratio Lower Upper
43 100
70 51.0 39.3 58.9
55 29.9 22.3 33.5
61 27.9 21.5 32.3





#75

1,1,2-Tetrachloroethane

Concen: 19.670 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

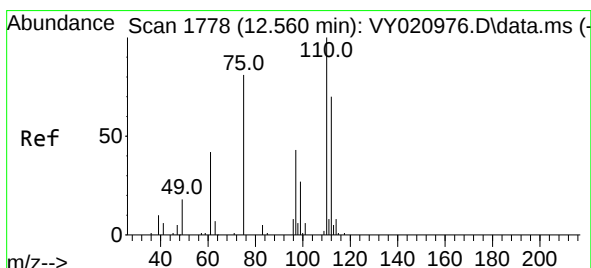
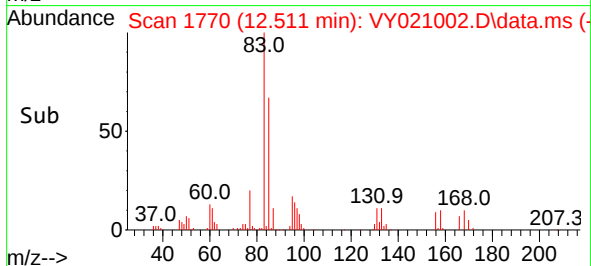
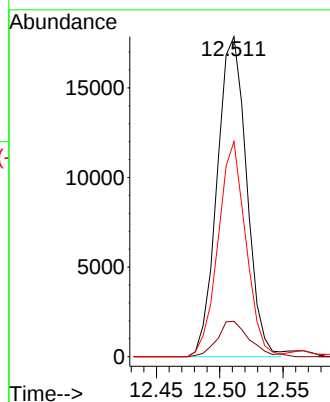
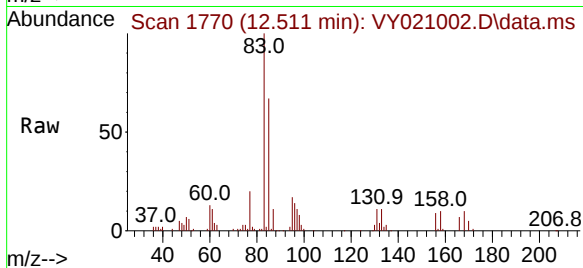
Tgt Ion: 83 Resp: 28938

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.1

85 63.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 35.687 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021002.D

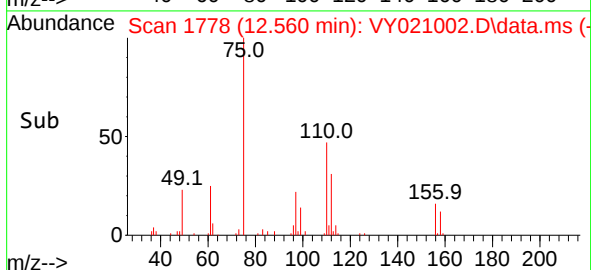
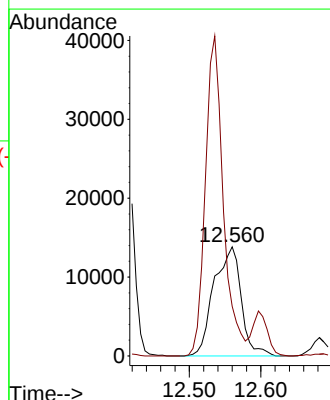
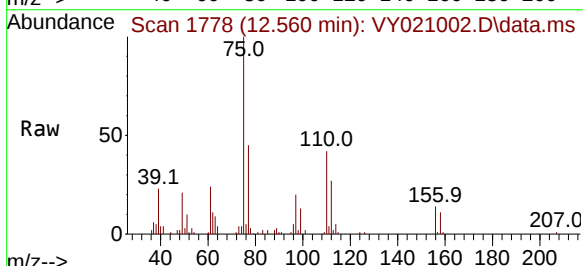
Acq: 31 Jan 2025 11:08

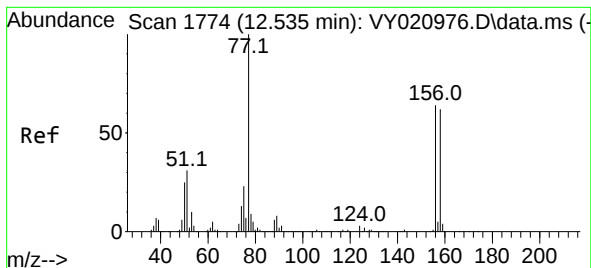
Tgt Ion: 75 Resp: 36661

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.675 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021002.D

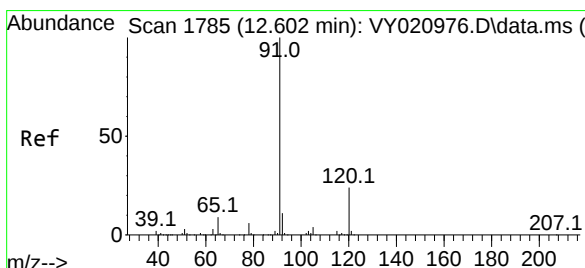
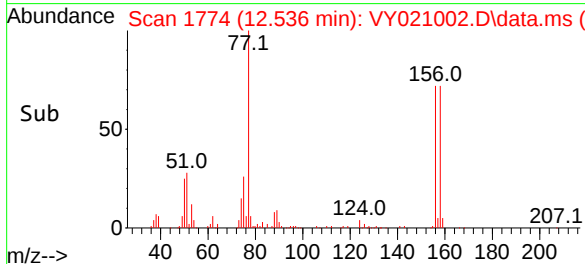
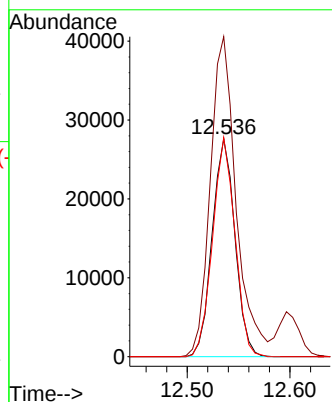
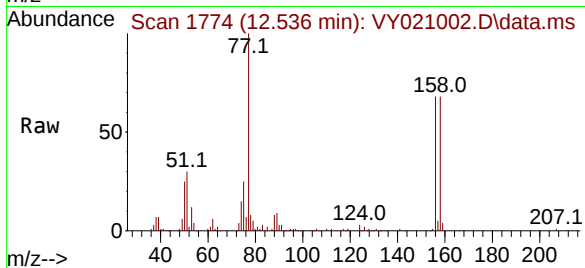
Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	42515
Ion Ratio	Lower	Upper	
156	100		
77	166.6	83.3	249.9
158	98.4	48.3	144.9



#78

n-propylbenzene

Concen: 19.490 ug/l

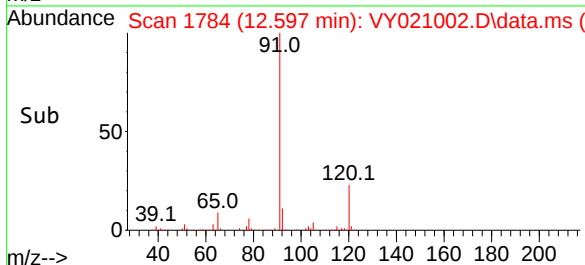
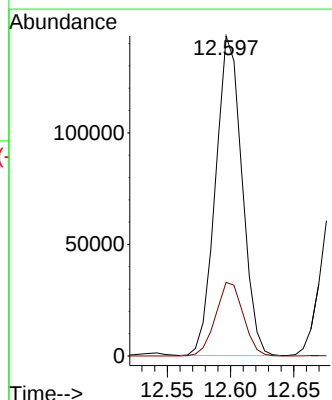
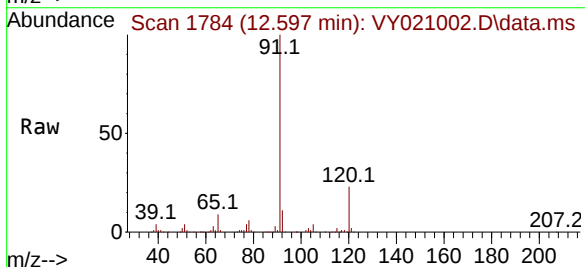
RT: 12.597 min Scan# 1784

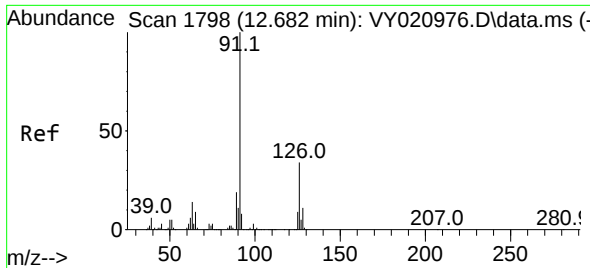
Delta R.T. -0.006 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Tgt Ion:	91	Resp:	208189
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4

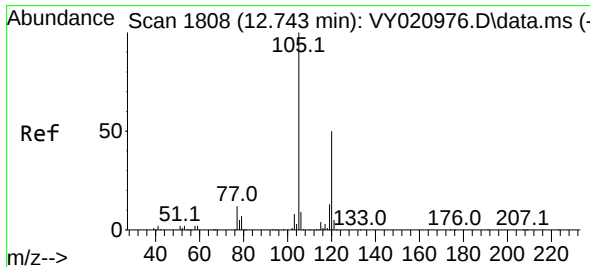
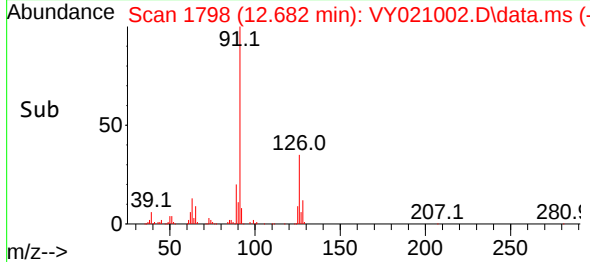
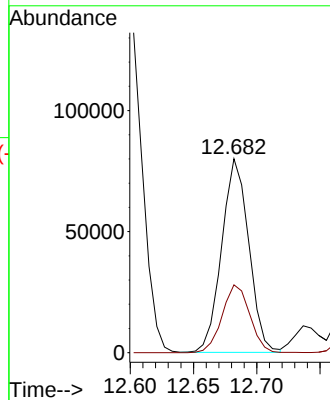
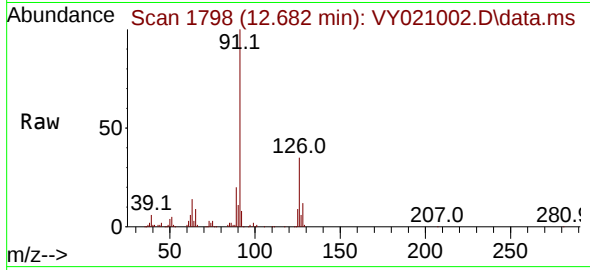




#79
2-Chlorotoluene
Concen: 19.603 ug/l
RT: 12.682 min Scan# 119302
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

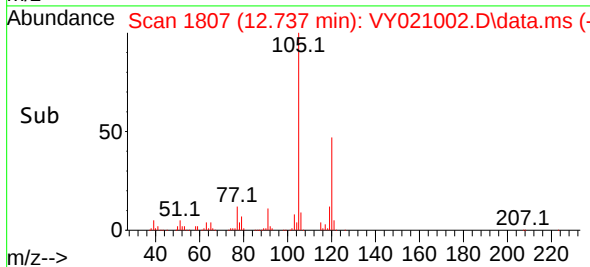
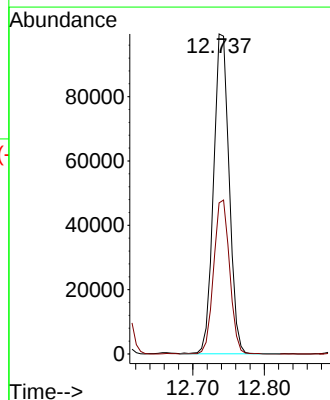
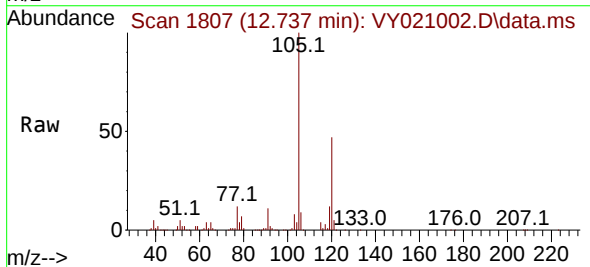
Instrument :
MSVOA_Y
ClientSampleId :

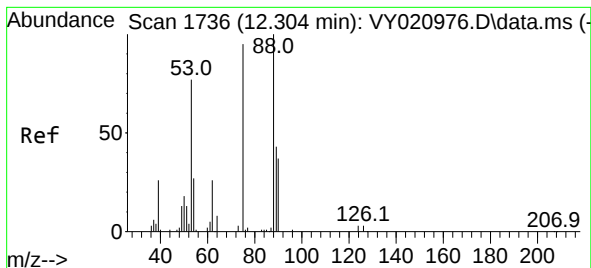
Tgt Ion: 91 Resp: 119302
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.131 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 105 Resp: 150314
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9

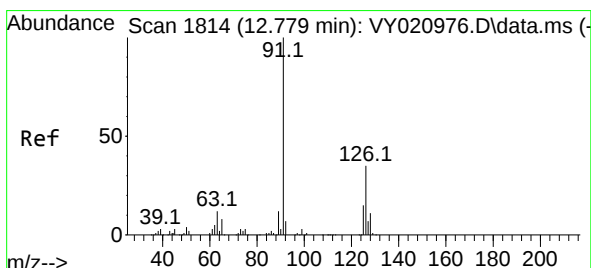
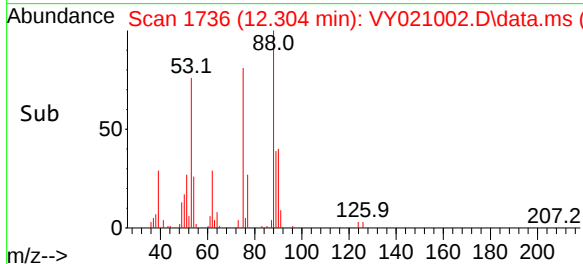
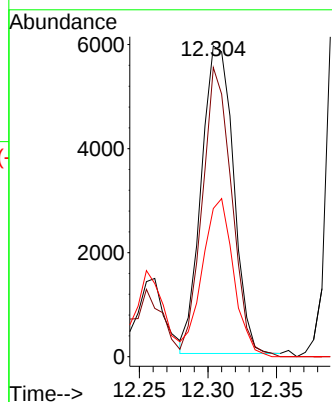
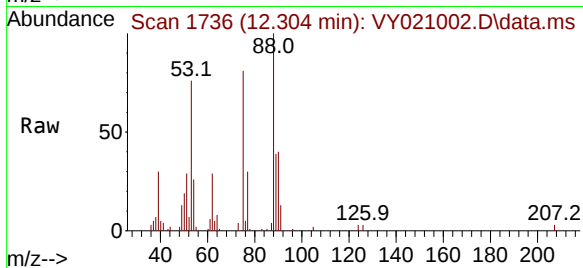




#81
trans-1,4-Dichloro-2-butene
Concen: 19.419 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

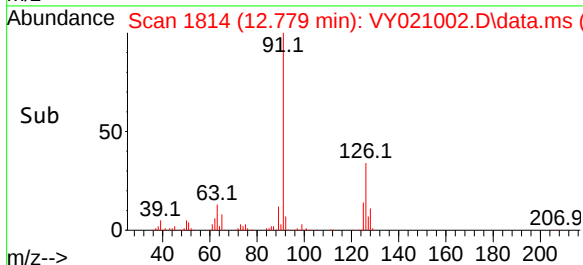
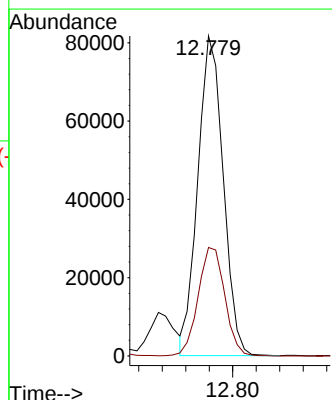
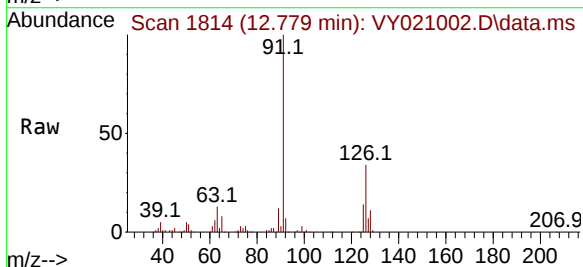
Instrument :
MSVOA_Y
ClientSampleId :

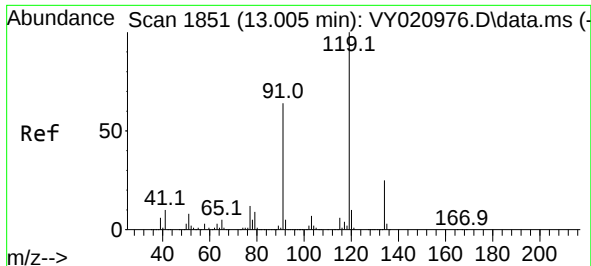
Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
53 86.7 68.6 103.0
89 50.3 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.674 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 91 Resp: 122541
Ion Ratio Lower Upper
91 100
126 35.7 17.3 52.0

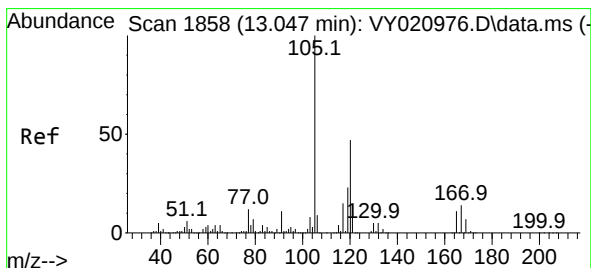
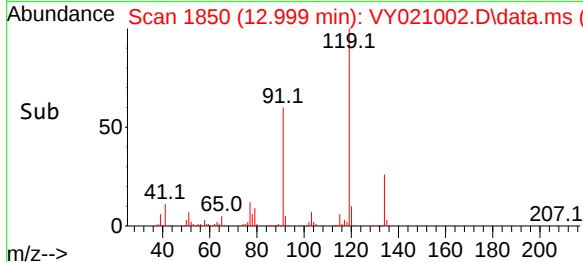
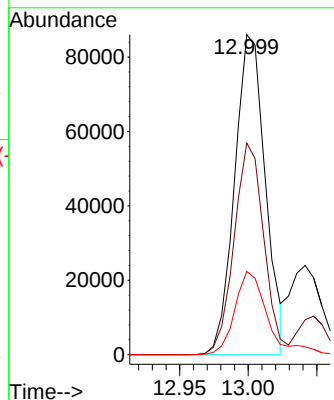
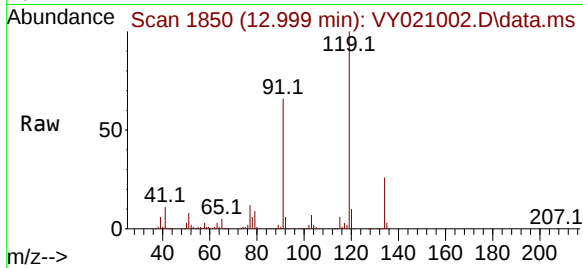




#83
 tert-Butylbenzene
 Concen: 19.407 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

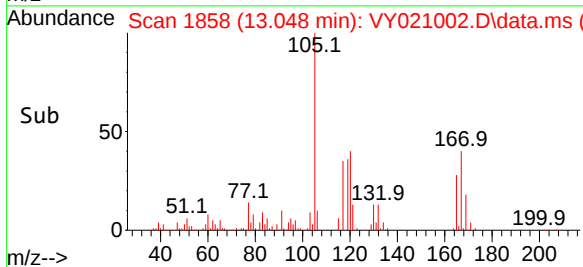
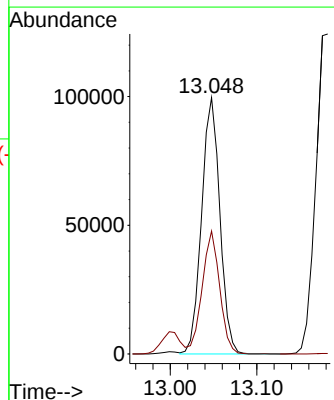
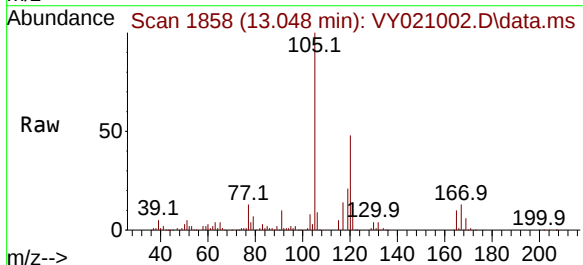
Instrument :
 MSVOA_Y
 ClientSampleId :

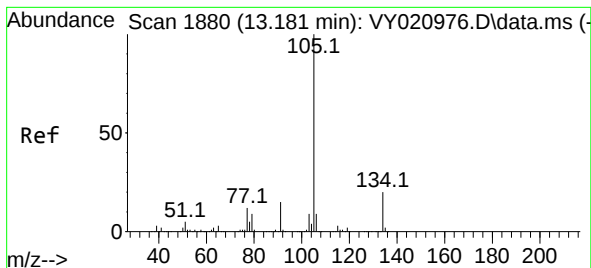
Tgt Ion:119 Resp: 134398
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.4 94.0
 134 27.6 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.026 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

Tgt Ion:105 Resp: 146068
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.0





#85

sec-Butylbenzene

Concen: 19.696 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

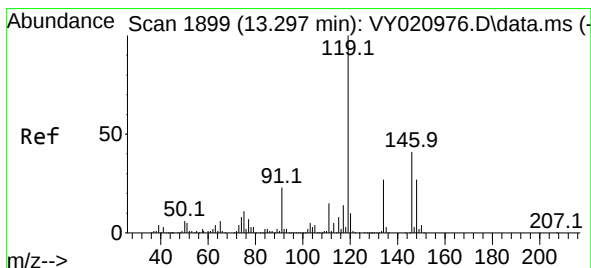
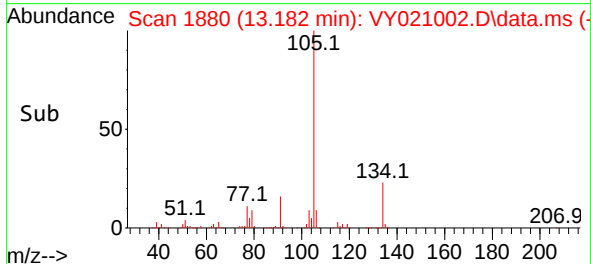
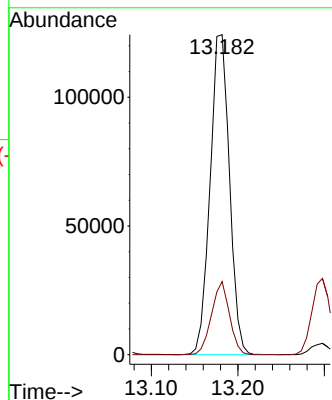
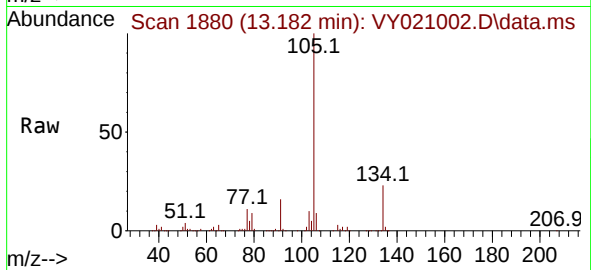
ClientSampleId :

Tgt Ion:105 Resp: 193108

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.041 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

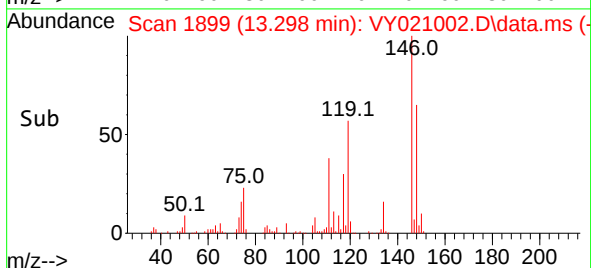
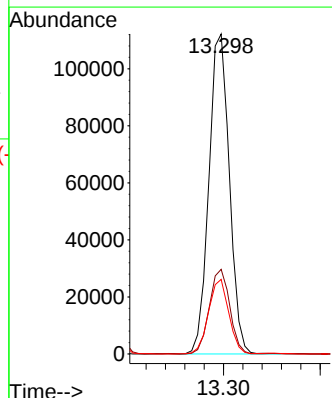
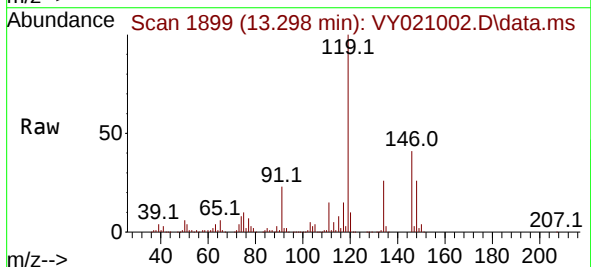
Tgt Ion:119 Resp: 165127

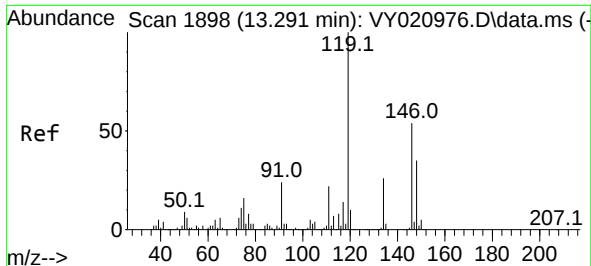
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.2 11.5 34.5

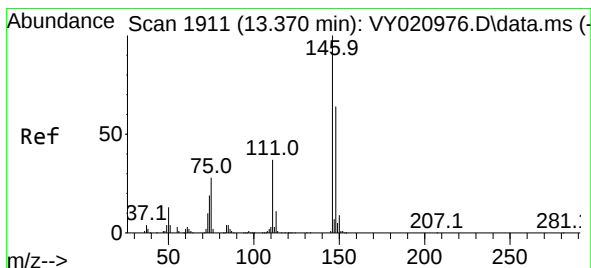
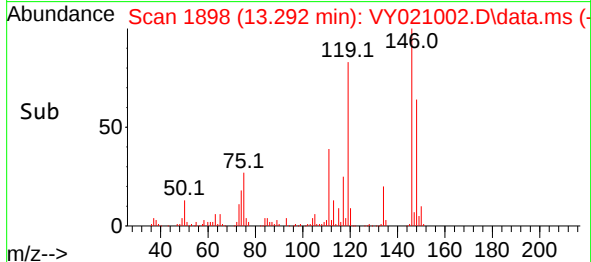
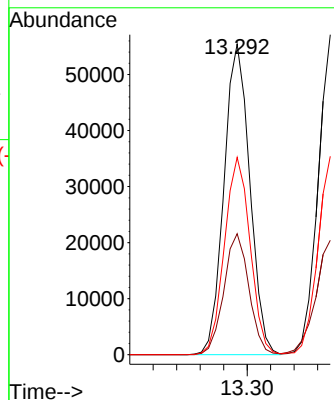
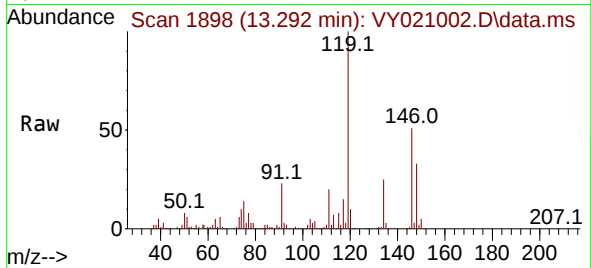




#87
1,3-Dichlorobenzene
Concen: 20.096 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

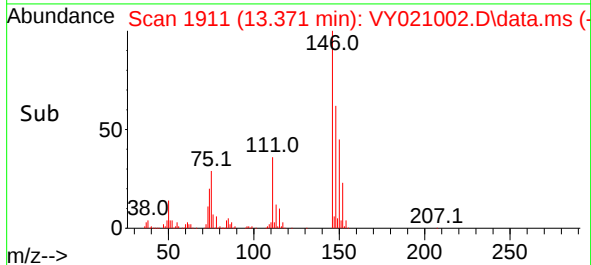
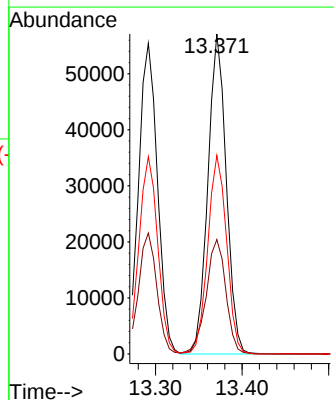
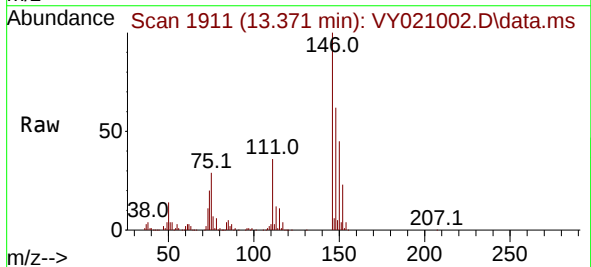
Instrument :
MSVOA_Y
ClientSampleId :

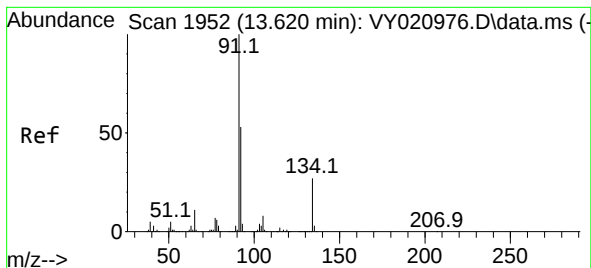
Tgt Ion:146 Resp: 84670
Ion Ratio Lower Upper
146 100
111 37.9 19.7 59.1
148 63.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 20.113 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion:146 Resp: 84150
Ion Ratio Lower Upper
146 100
111 38.5 19.0 57.0
148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 19.402 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

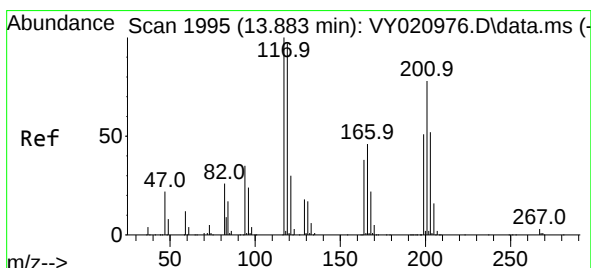
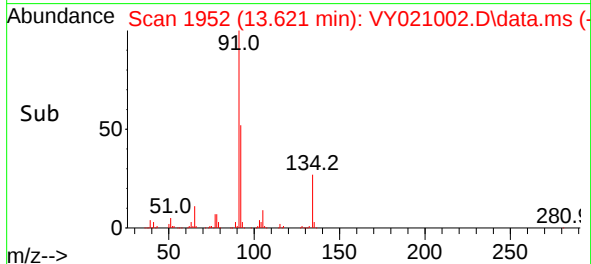
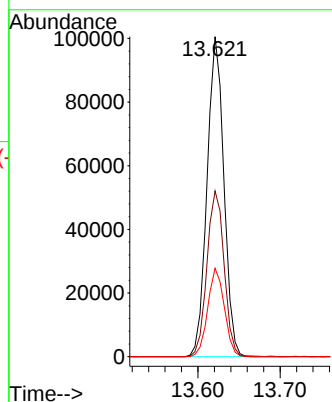
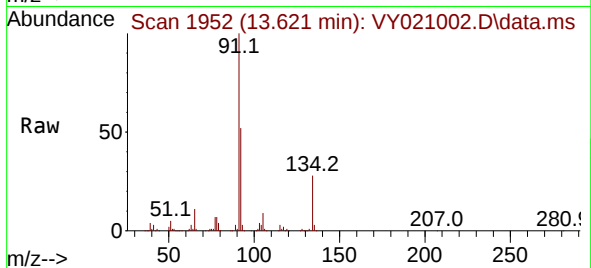
Tgt Ion: 91 Resp: 143186

Ion Ratio Lower Upper

91 100

92 52.7 26.7 80.1

134 27.2 13.7 41.1



#90

Hexachloroethane

Concen: 19.281 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021002.D

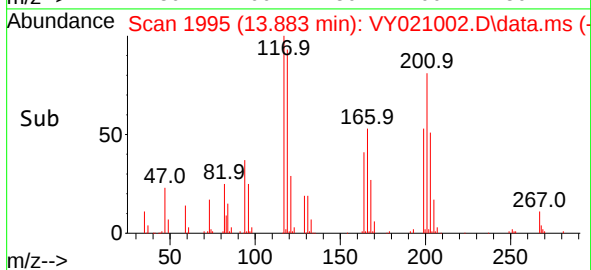
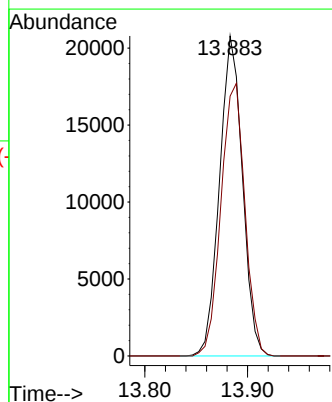
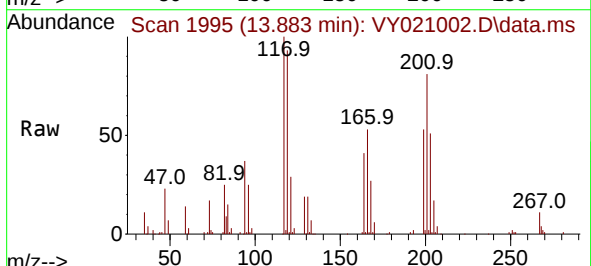
Acq: 31 Jan 2025 11:08

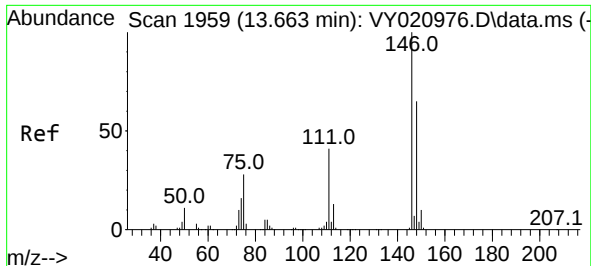
Tgt Ion: 117 Resp: 32140

Ion Ratio Lower Upper

117 100

201 88.8 42.5 127.5

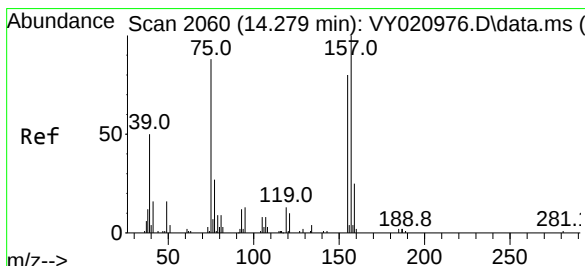
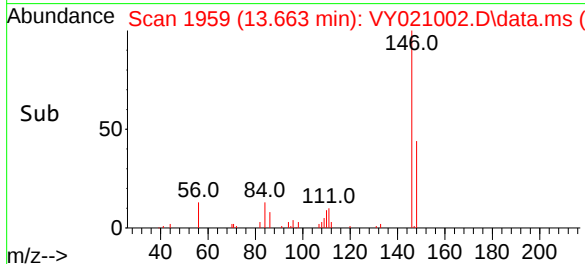
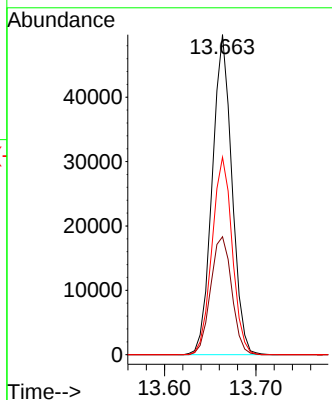
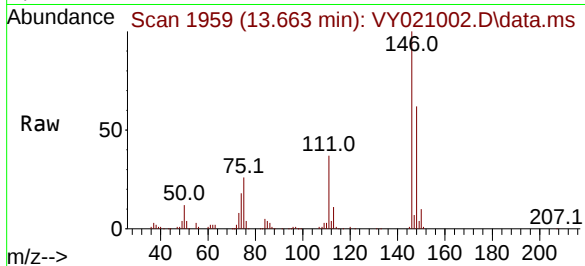




#91
1,2-Dichlorobenzene
Concen: 20.267 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

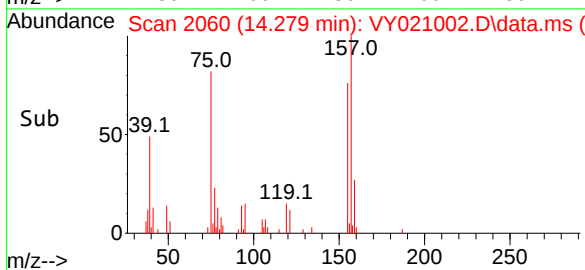
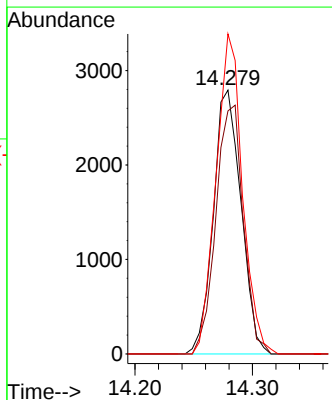
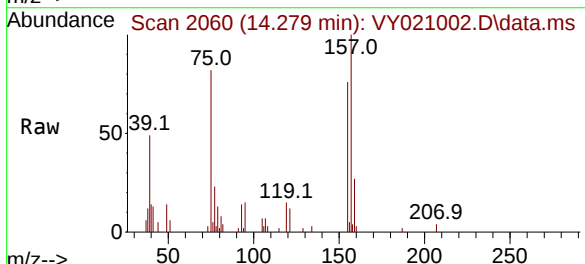
Instrument :
MSVOA_Y
ClientSampleId :

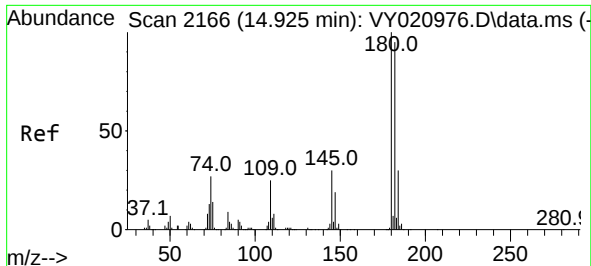
Tgt Ion:146 Resp: 74465
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.8
148 63.3 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.190 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021002.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 75 Resp: 4573
Ion Ratio Lower Upper
75 100
155 93.5 45.9 137.6
157 116.0 59.3 177.9

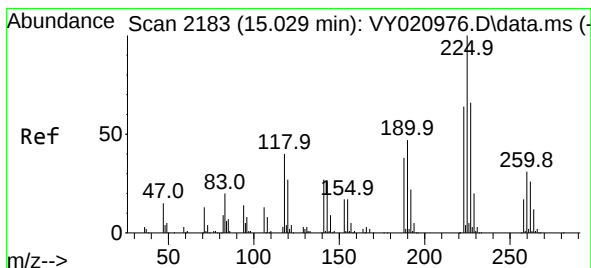
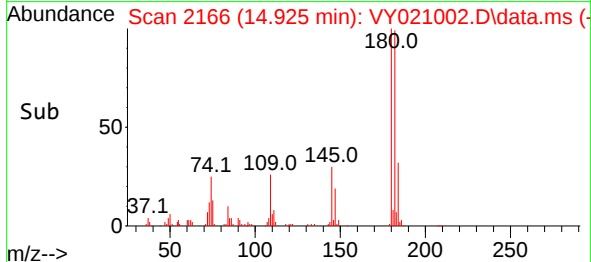
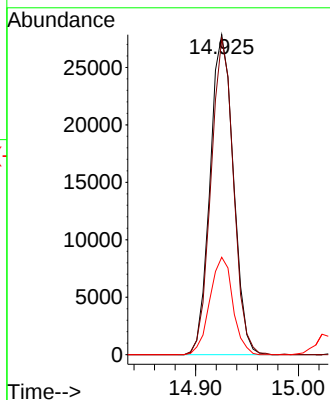
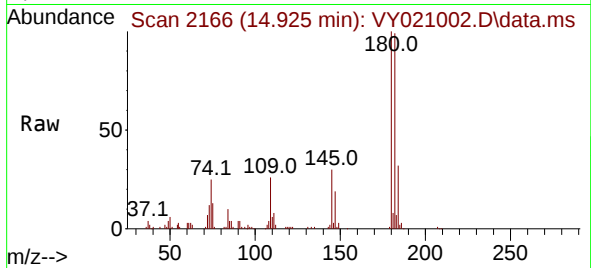




#93
 1,2,4-Trichlorobenzene
 Concen: 19.499 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

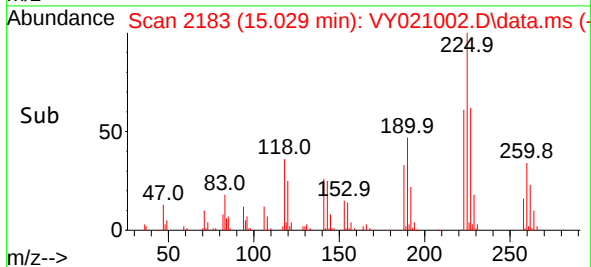
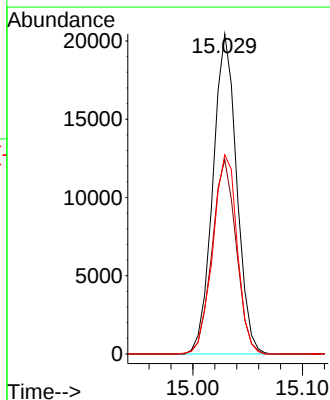
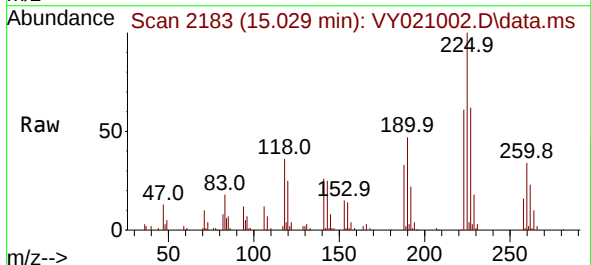
Instrument :
 MSVOA_Y
 ClientSampleId :

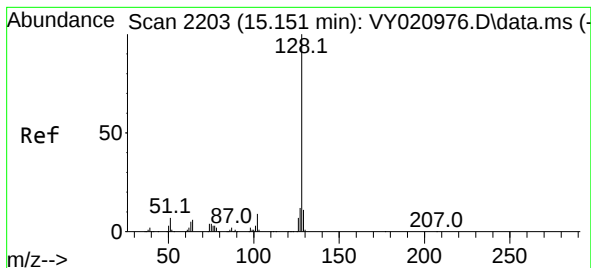
Tgt Ion:	180	Resp:	43866
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.3	144.8
145	30.0	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 19.770 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021002.D
 Acq: 31 Jan 2025 11:08

Tgt Ion:	225	Resp:	30804
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.4	94.2
227	63.8	31.8	95.3





#95

Naphthalene

Concen: 20.236 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

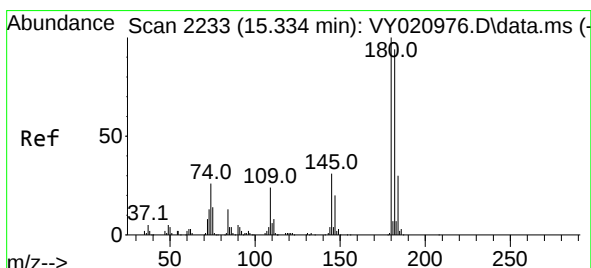
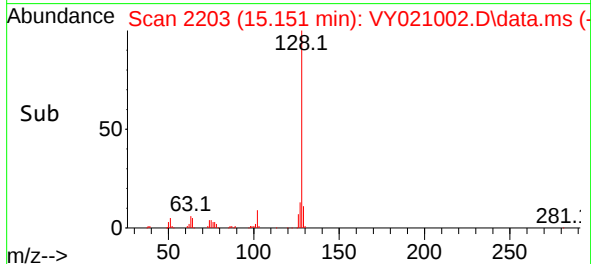
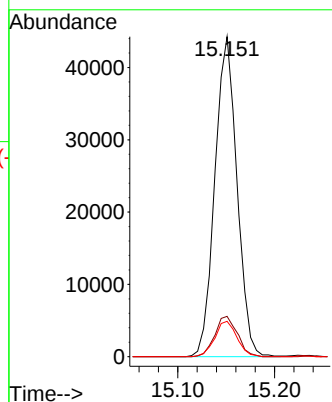
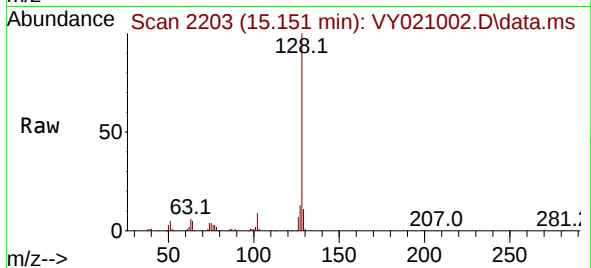
Tgt Ion:128 Resp: 70184

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.858 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021002.D

Acq: 31 Jan 2025 11:08

Tgt Ion:180 Resp: 36675

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 31.1 15.6 46.7

