

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021746.D
 Acq On : 01 Apr 2025 17:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 03:25:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	219091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	348712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123608	52.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.634	113	120553	53.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.103	98	463114	53.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.408	95	158683	54.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	111831	49.247	ug/l	99
3) Chloromethane	2.068	50	153722	48.142	ug/l	100
4) Vinyl Chloride	2.202	62	171915	47.607	ug/l	100
5) Bromomethane	2.598	94	119756	48.623	ug/l	97
6) Chloroethane	2.733	64	114814	48.589	ug/l	95
7) Trichlorofluoromethane	3.056	101	227252	49.126	ug/l	97
8) Diethyl Ether	3.458	74	63906	50.800	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	122783	50.325	ug/l	99
10) Methyl Iodide	4.007	142	147027	54.931	ug/l	99
11) Tert butyl alcohol	4.866	59	33769	219.018	ug/l #	83
12) 1,1-Dichloroethene	3.787	96	118679	51.643	ug/l	97
13) Acrolein	3.659	56	39790	141.334	ug/l	97
14) Allyl chloride	4.385	41	190587	52.015	ug/l	99
15) Acrylonitrile	5.061	53	131449	250.257	ug/l	100
16) Acetone	3.873	43	96916	199.489	ug/l	99
17) Carbon Disulfide	4.104	76	383599	50.679	ug/l	99
18) Methyl Acetate	4.385	43	65138	54.099	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	298818	52.228	ug/l	98
20) Methylene Chloride	4.616	84	134351	57.061	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	135427	53.524	ug/l	97
22) Diisopropyl ether	6.019	45	417838	54.362	ug/l	97
23) Vinyl Acetate	5.958	43	1163926	258.853	ug/l	99
24) 1,1-Dichloroethane	5.915	63	243297	52.937	ug/l	99
25) 2-Butanone	6.890	43	162254	233.828	ug/l	97
26) 2,2-Dichloropropane	6.884	77	204408	49.999	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	153950	54.104	ug/l	98
28) Bromochloromethane	7.244	49	103064	53.172	ug/l	99
29) Tetrahydrofuran	7.262	42	107232	240.114	ug/l	97
30) Chloroform	7.421	83	254706	53.283	ug/l	96
31) Cyclohexane	7.701	56	205662	49.089	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	226443	52.411	ug/l	99
36) 1,1-Dichloropropene	7.835	75	178384	51.774	ug/l	99
37) Ethyl Acetate	6.982	43	78223	48.106	ug/l	99
38) Carbon Tetrachloride	7.817	117	202194	51.238	ug/l	96
39) Methylcyclohexane	9.109	83	214750	52.175	ug/l	99
40) Benzene	8.079	78	543349	52.659	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	44998	52.108	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	149770	51.488	ug/l	100
43) Isopropyl Acetate	8.195	43	150777	48.930	ug/l	99
44) Trichloroethene	8.866	130	137212	52.192	ug/l	98
45) 1,2-Dichloropropane	9.140	63	131498	53.840	ug/l	96
46) Dibromomethane	9.231	93	73274	52.056	ug/l	98
47) Bromodichloromethane	9.420	83	192679	52.827	ug/l	97
48) Methyl methacrylate	9.219	41	72930	51.567	ug/l	99
49) 1,4-Dioxane	9.231	88	14549	964.848	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	404819	252.445	ug/l	99
52) Toluene	10.170	92	347768	54.021	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	170795	52.720	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	205752	53.835	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	96274	53.148	ug/l	97
56) Ethyl methacrylate	10.438	69	126142	54.536	ug/l	97
57) 1,3-Dichloropropane	10.719	76	165871	53.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	315430	279.550	ug/l	100
59) 2-Hexanone	10.762	43	269137	252.008	ug/l	100
60) Dibromochloromethane	10.908	129	132707	53.658	ug/l	100
61) 1,2-Dibromoethane	11.018	107	90676	53.362	ug/l	100
64) Tetrachloroethene	10.646	164	143549	50.125	ug/l	96
65) Chlorobenzene	11.444	112	373940	51.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	134869	52.737	ug/l	99
67) Ethyl Benzene	11.518	91	665300	53.827	ug/l	100
68) m/p-Xylenes	11.627	106	511611	108.095	ug/l	100
69) o-Xylene	11.957	106	238442	54.577	ug/l	100
70) Styrene	11.969	104	399289	54.814	ug/l	99
71) Bromoform	12.133	173	75323	51.635	ug/l	100
73) Isopropylbenzene	12.255	105	625955	51.840	ug/l	100
74) N-amyl acetate	12.072	43	138793	48.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	103924	47.871	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	140395	87.120	ug/l #	100
77) Bromobenzene	12.530	156	148319	51.159	ug/l	97
78) n-propylbenzene	12.597	91	763789	52.614	ug/l	100
79) 2-Chlorotoluene	12.682	91	437155	51.847	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	521642	52.858	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	32760	46.841	ug/l	99
82) 4-Chlorotoluene	12.780	91	453581	51.600	ug/l	100
83) tert-Butylbenzene	12.999	119	458216	52.129	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	516157	52.919	ug/l	100
85) sec-Butylbenzene	13.176	105	664052	51.695	ug/l	100
86) p-Isopropyltoluene	13.292	119	558389	52.594	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	289265	50.643	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	283662	50.265	ug/l	99
89) n-Butylbenzene	13.615	91	508810	51.820	ug/l	100
90) Hexachloroethane	13.883	117	117615	50.553	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	252261	50.734	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16065	47.745	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	136901	50.771	ug/l	99
94) Hexachlorobutadiene	15.023	225	83668	49.684	ug/l	98
95) Naphthalene	15.145	128	226667	50.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	117597	51.143	ug/l	99

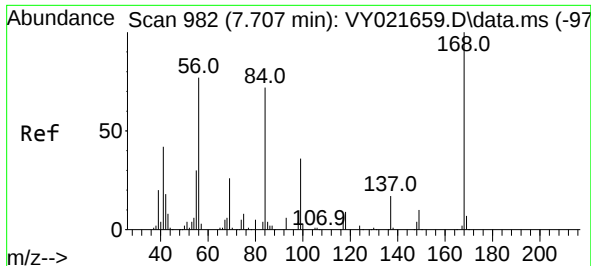
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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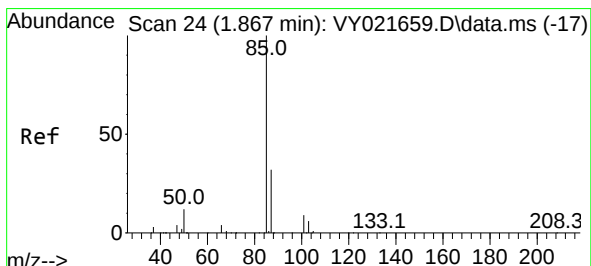
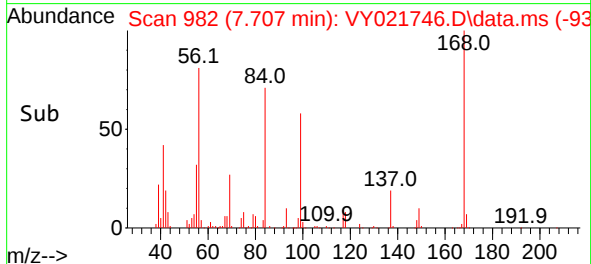
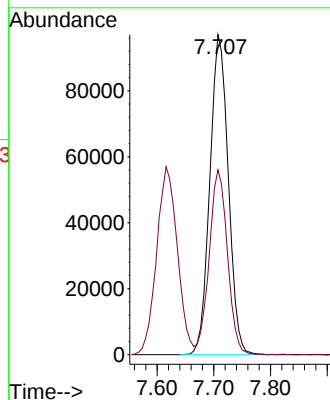
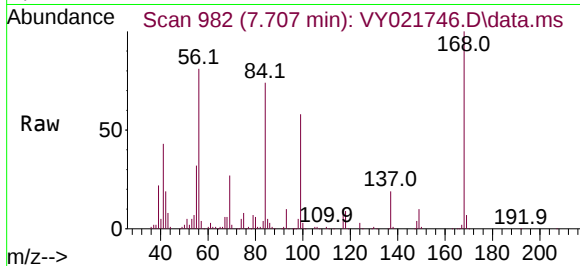
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

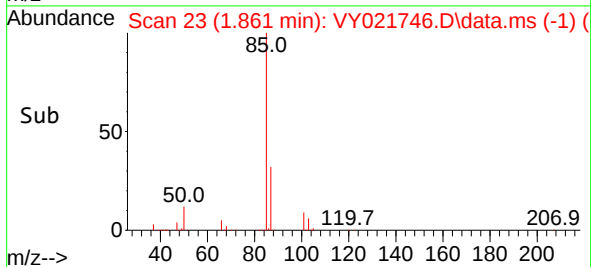
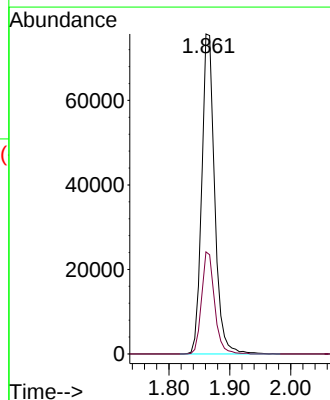
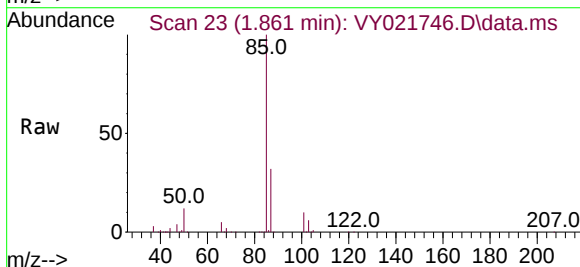
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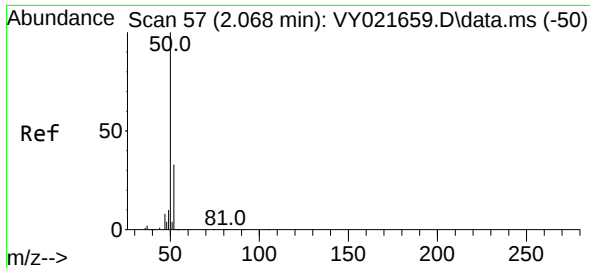
Tgt Ion:168 Resp: 219091
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 49.247 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 85 Resp: 111831
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6

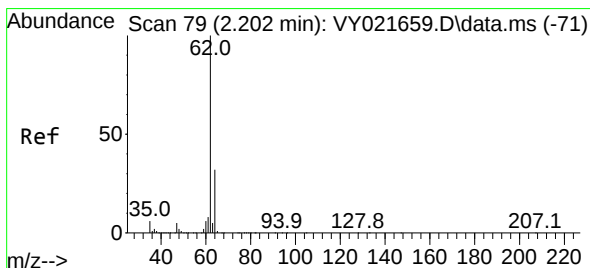
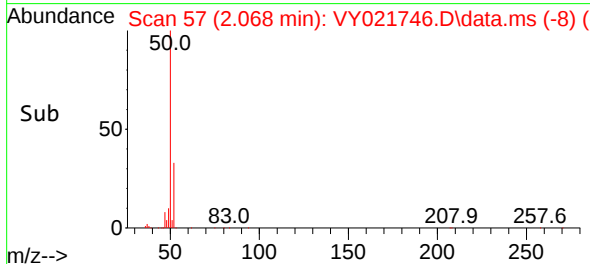
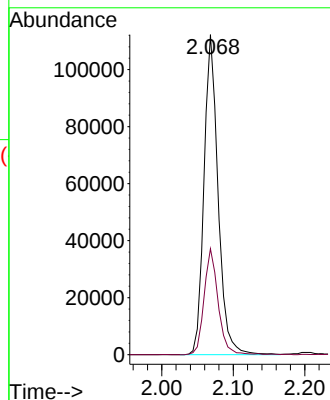
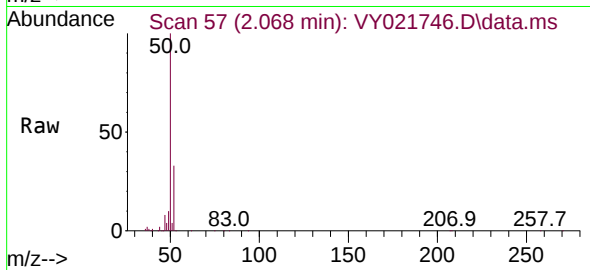




#3
Chloromethane
Concen: 48.142 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

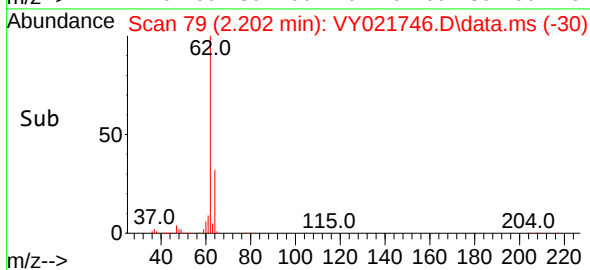
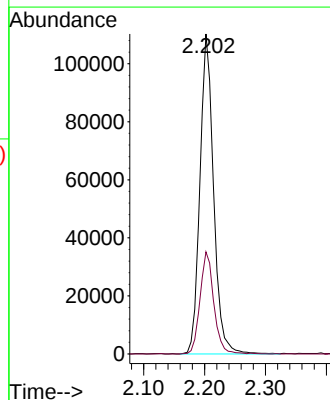
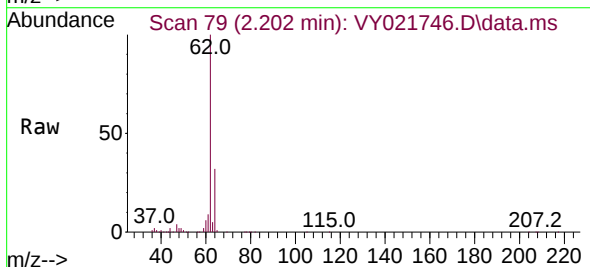
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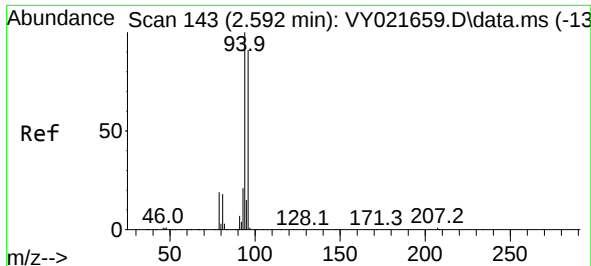
Tgt Ion: 50 Resp: 153722
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 47.607 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 62 Resp: 171915
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

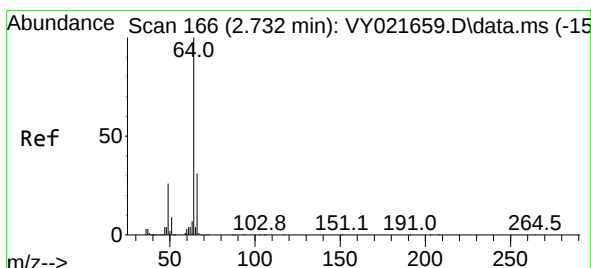
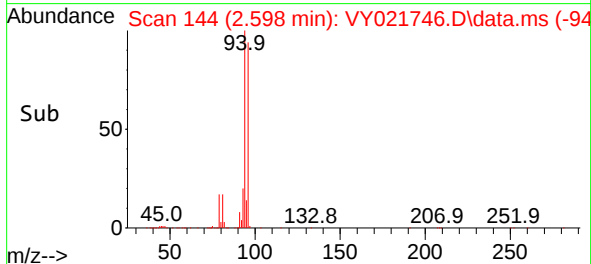
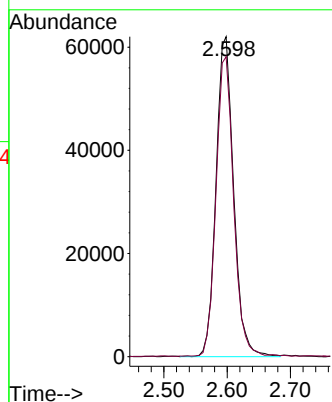
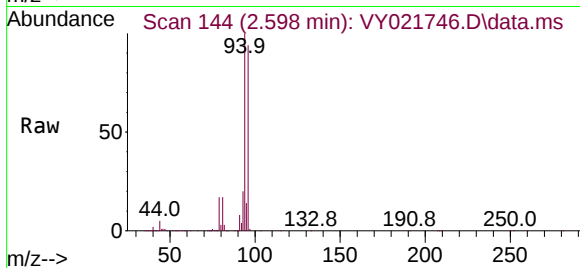




#5
Bromomethane
Concen: 48.623 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

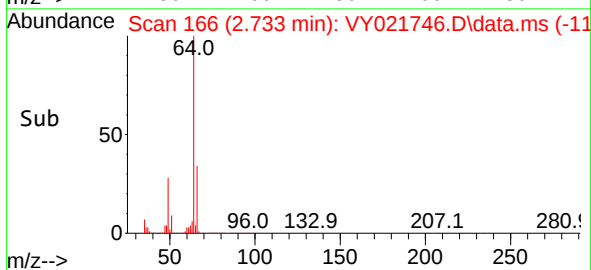
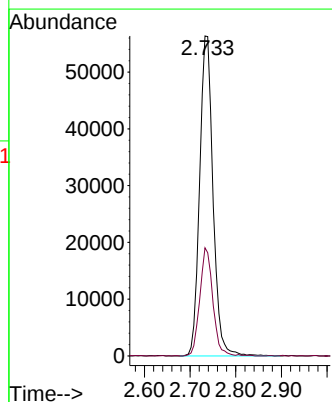
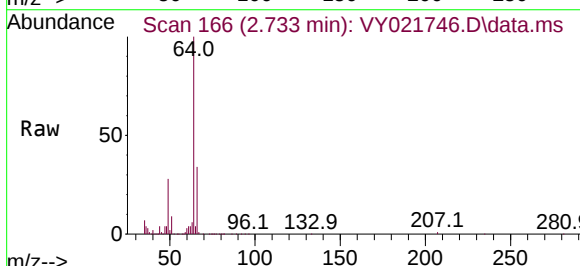
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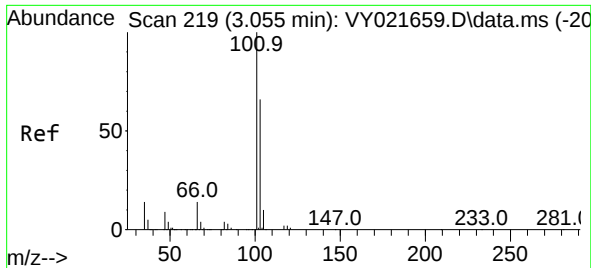
Tgt Ion: 94 Resp: 119756
Ion Ratio Lower Upper
94 100
96 93.5 72.8 109.2



#6
Chloroethane
Concen: 48.589 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 64 Resp: 114814
Ion Ratio Lower Upper
64 100
66 33.8 24.9 37.3

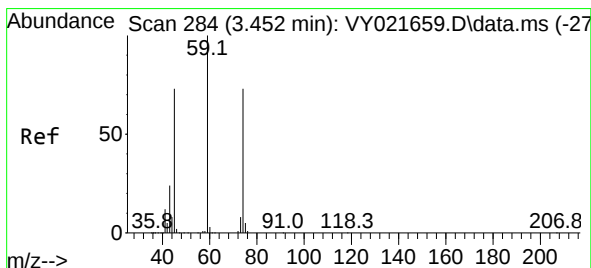
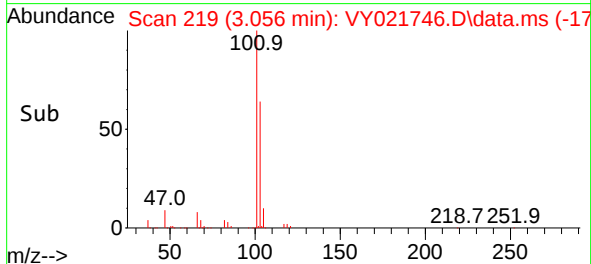
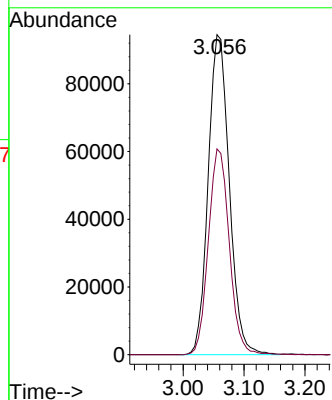
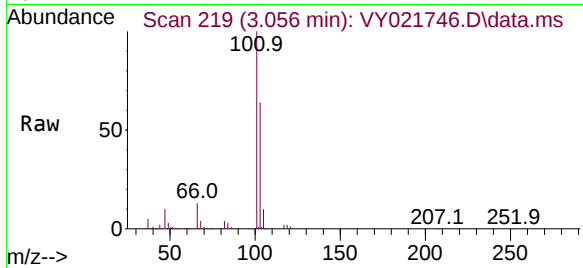




#7
 Trichlorofluoromethane
 Concen: 49.126 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

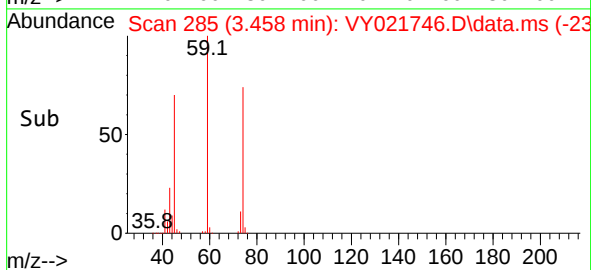
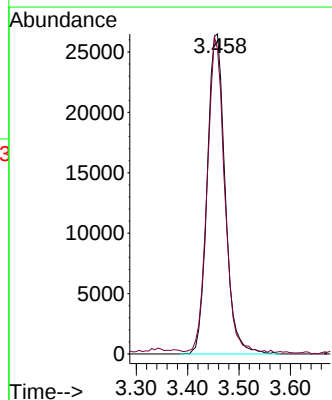
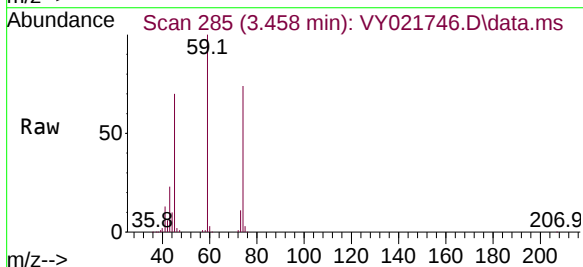
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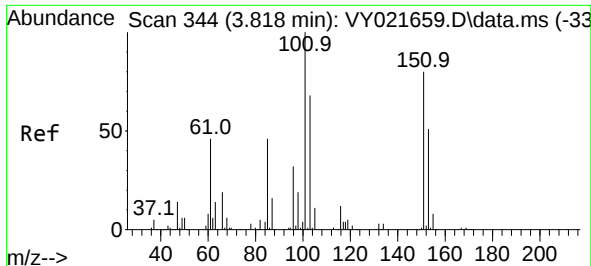
Tgt Ion:101 Resp: 227252
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 50.800 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion: 74 Resp: 63906
 Ion Ratio Lower Upper
 74 100
 45 94.9 48.6 145.8

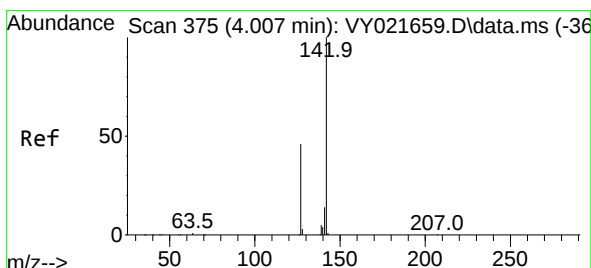
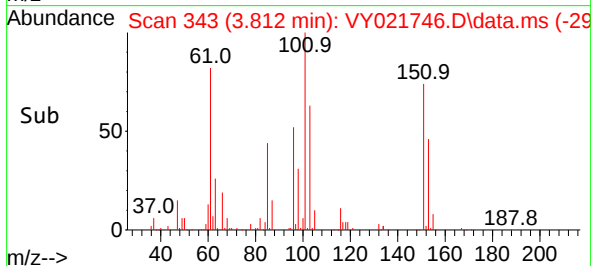
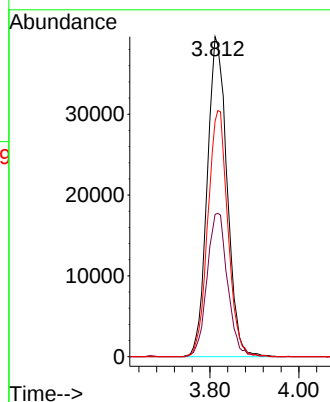
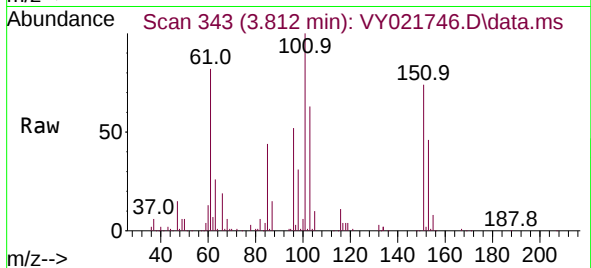




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.325 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

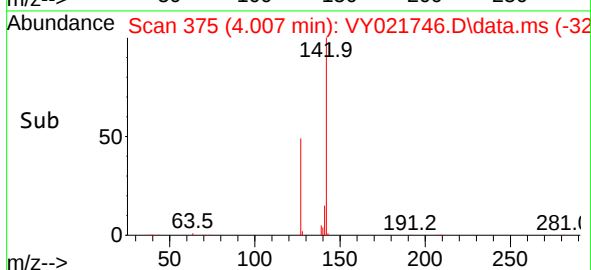
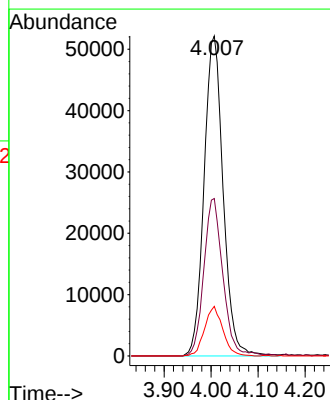
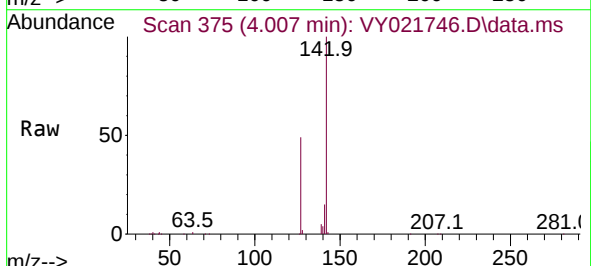
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

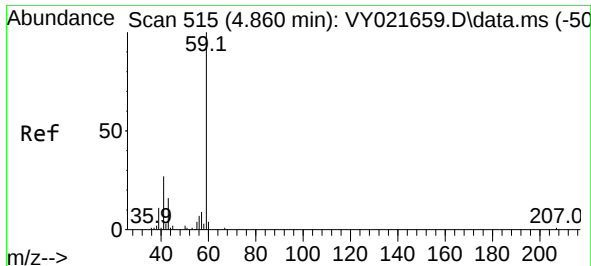
Tgt Ion:101 Resp: 122783
Ion Ratio Lower Upper
101 100
85 46.3 36.3 54.5
151 77.4 61.3 91.9



#10
Methyl Iodide
Concen: 54.931 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:142 Resp: 147027
Ion Ratio Lower Upper
142 100
127 49.1 38.7 58.1
141 14.8 11.5 17.3

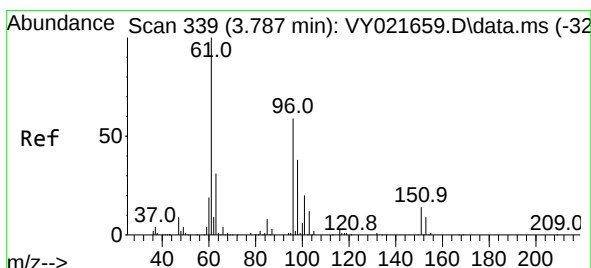
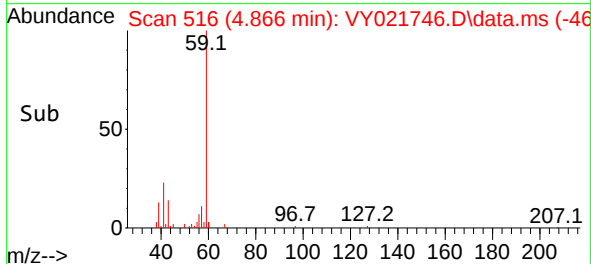
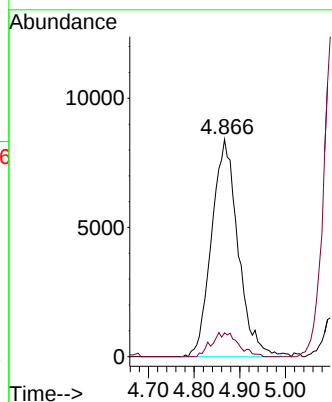
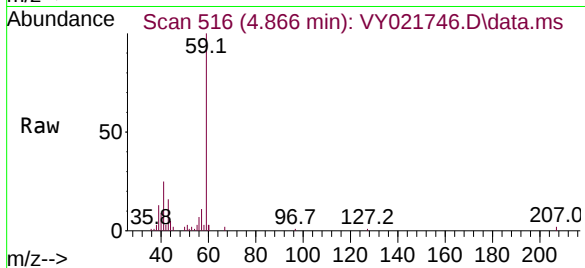




#11
Tert butyl alcohol
Concen: 219.018 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

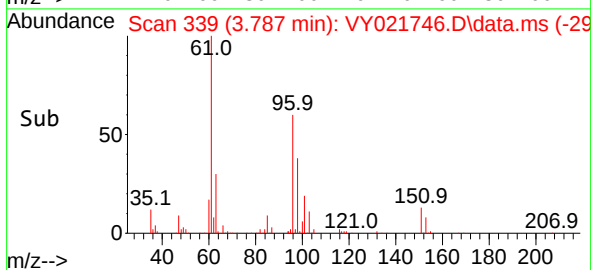
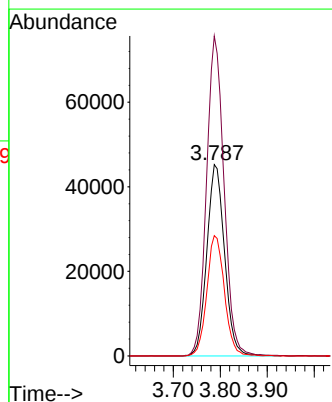
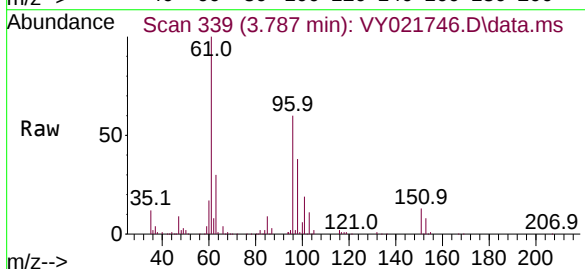
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

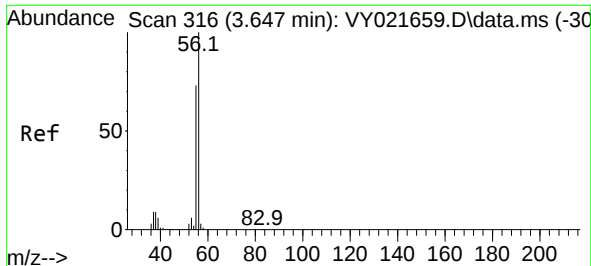
Tgt Ion: 59 Resp: 33769
Ion Ratio Lower Upper
59 100
57 4.9 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 51.643 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 96 Resp: 118679
Ion Ratio Lower Upper
96 100
61 167.2 136.6 204.8
98 62.8 52.3 78.5

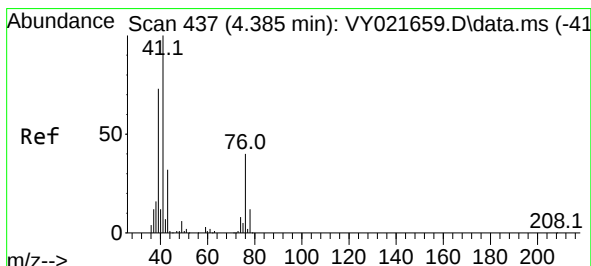
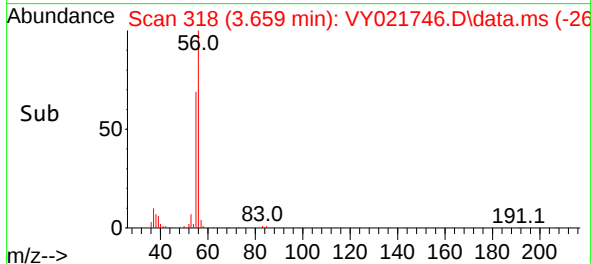
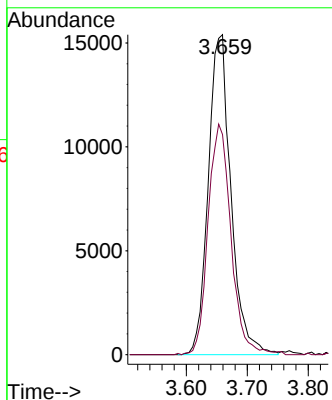
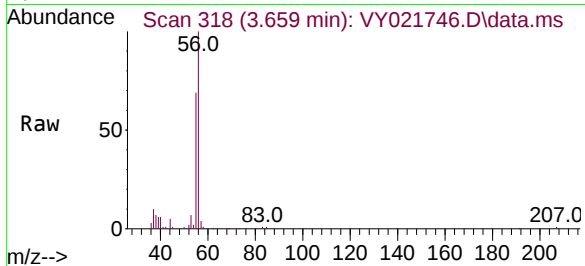




#13
Acrolein
Concen: 141.334 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

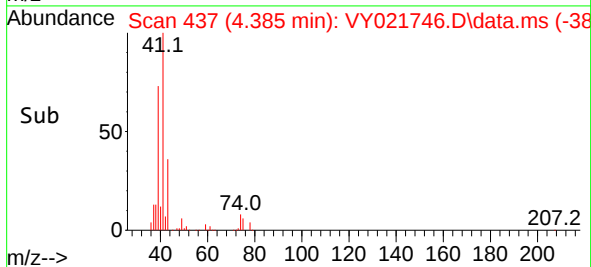
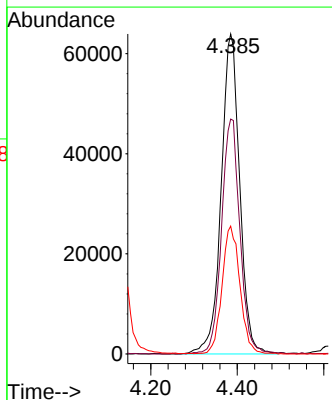
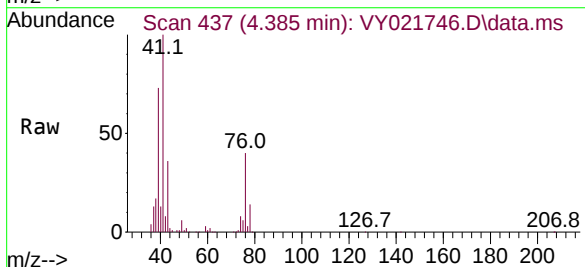
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

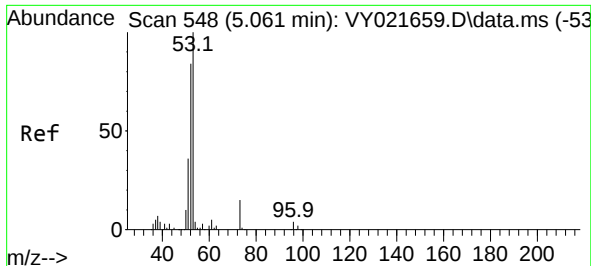
Tgt Ion: 56 Resp: 39790
Ion Ratio Lower Upper
56 100
55 72.9 56.6 85.0



#14
Allyl chloride
Concen: 52.015 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 41 Resp: 190587
Ion Ratio Lower Upper
41 100
39 72.8 58.6 88.0
76 38.7 30.3 45.5

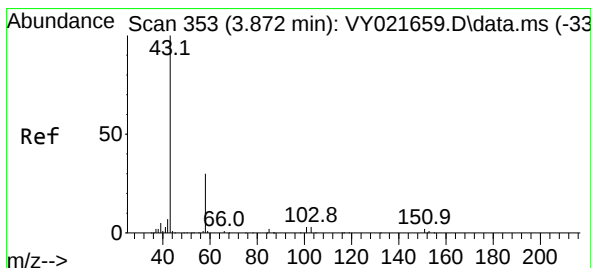
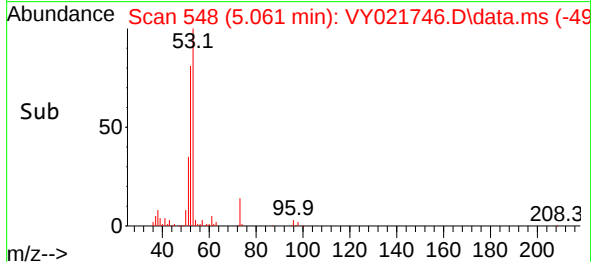
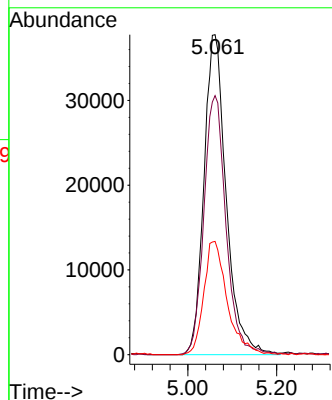
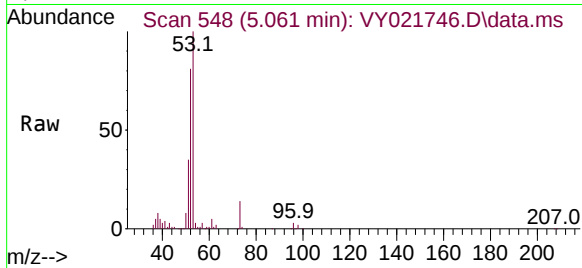




#15
Acrylonitrile
Concen: 250.257 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

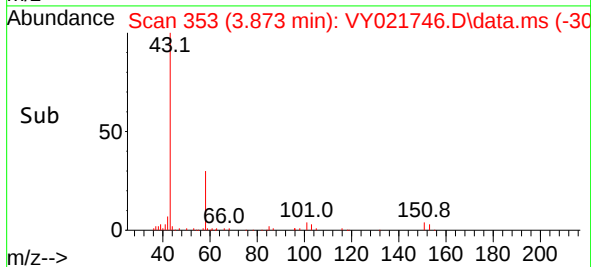
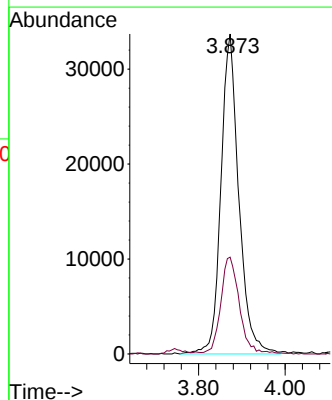
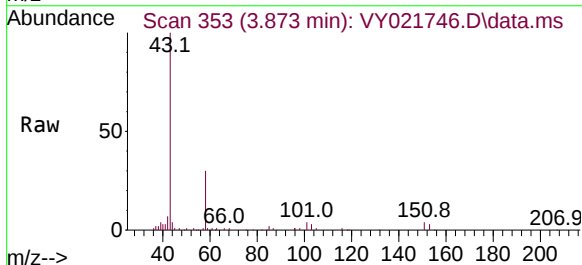
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

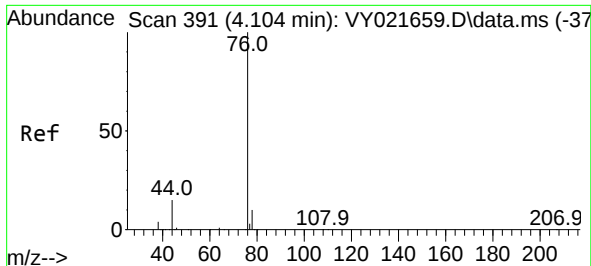
Tgt Ion: 53 Resp: 131449
Ion Ratio Lower Upper
53 100
52 80.7 64.9 97.3
51 37.5 30.2 45.2



#16
Acetone
Concen: 199.489 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 43 Resp: 96916
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4

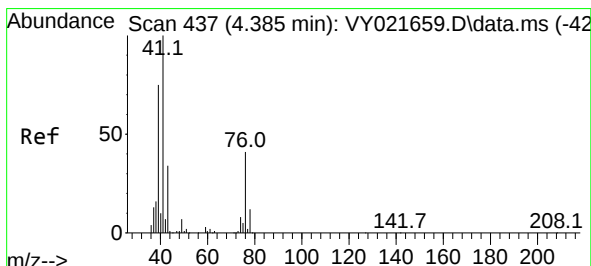
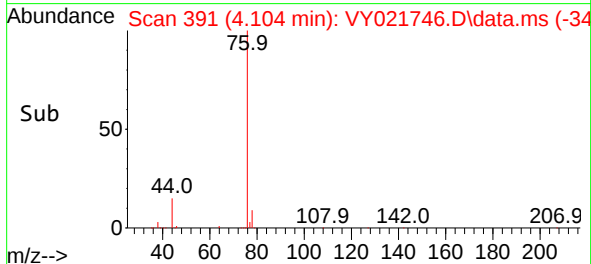
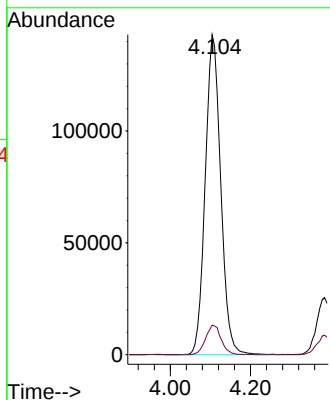
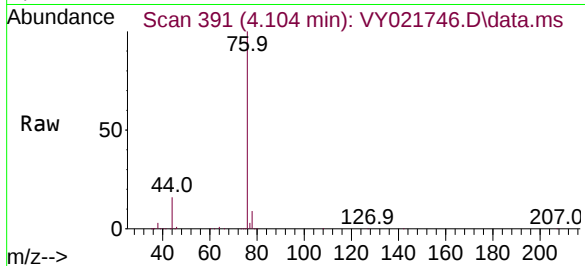




#17
Carbon Disulfide
Concen: 50.679 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

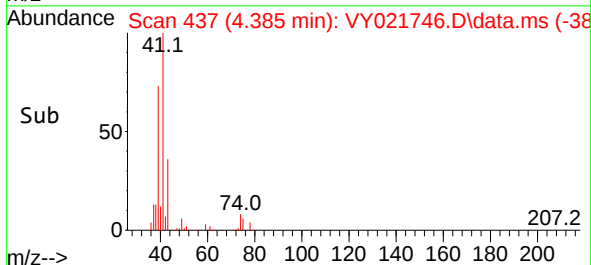
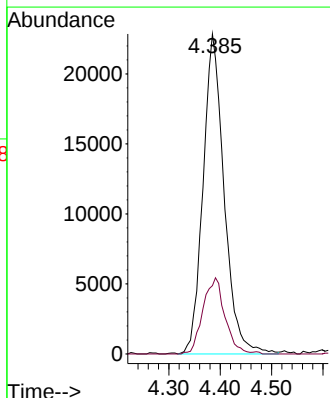
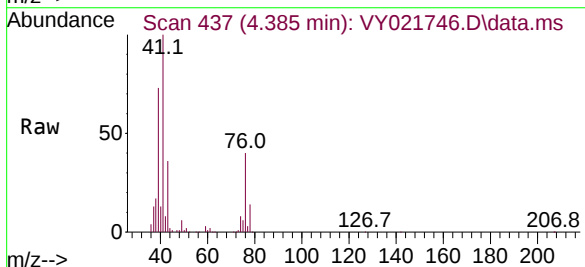
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

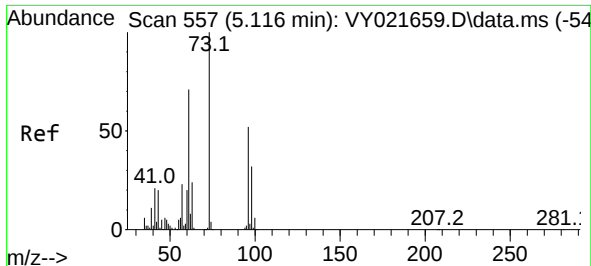
Tgt Ion: 76 Resp: 383599
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 54.099 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 43 Resp: 65138
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 52.228 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

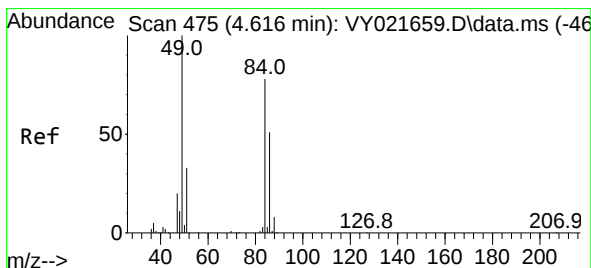
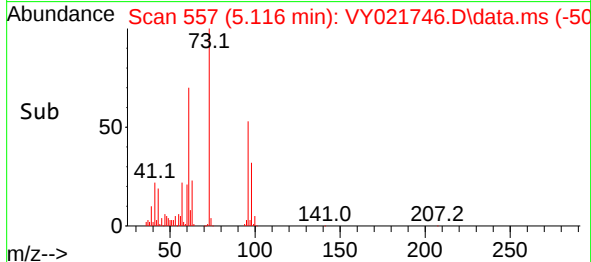
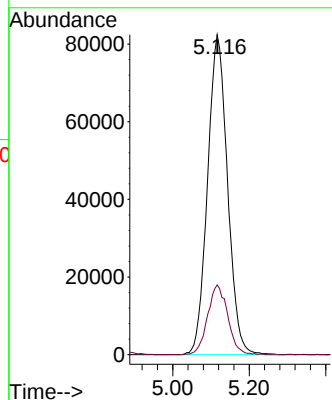
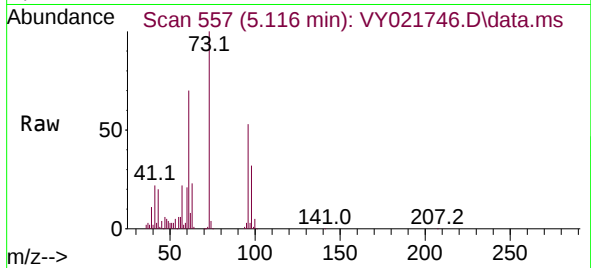
VSTDCCC050EC

Tgt Ion: 73 Resp: 298818

Ion Ratio Lower Upper

73 100

57 21.8 18.1 27.1



#20

Methylene Chloride

Concen: 57.061 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Tgt Ion: 84 Resp: 134351

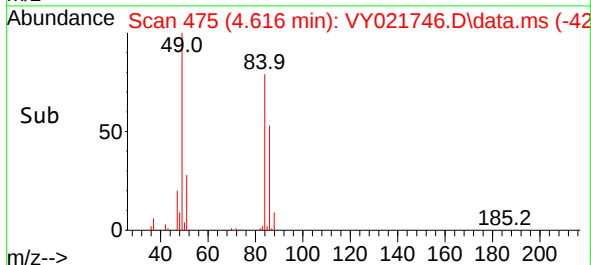
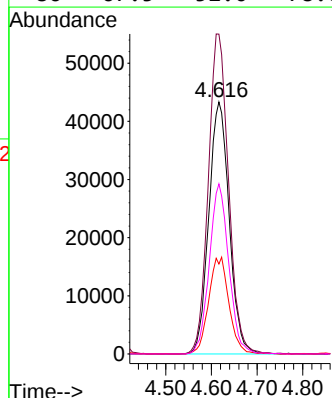
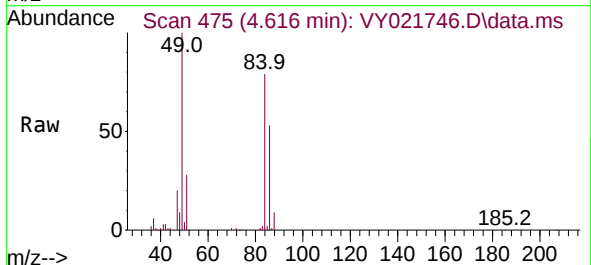
Ion Ratio Lower Upper

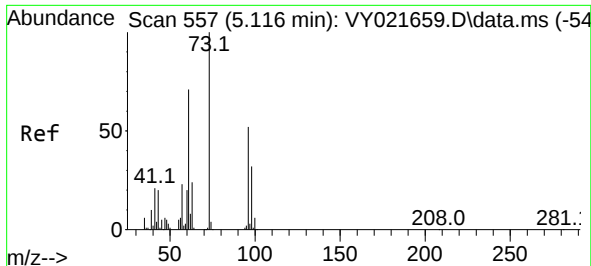
84 100

49 126.8 102.8 154.2

51 35.7 33.5 50.3

86 67.5 52.0 78.0

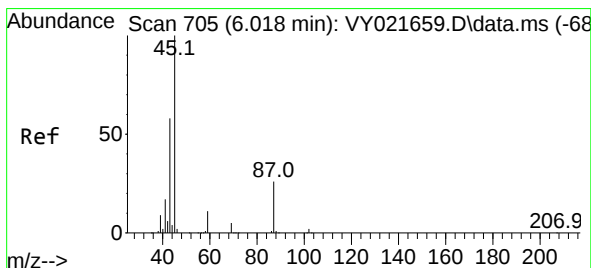
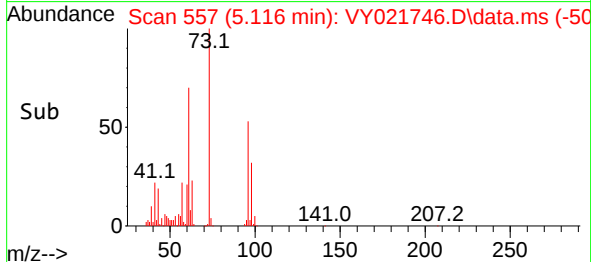
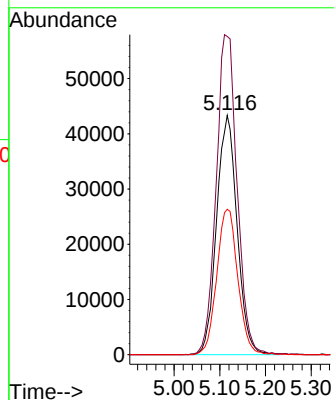
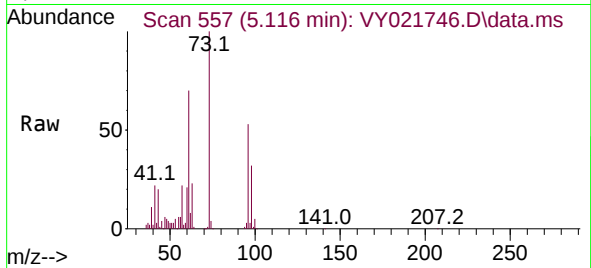




#21
trans-1,2-Dichloroethene
Concen: 53.524 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

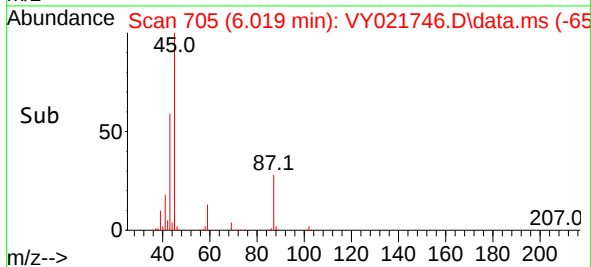
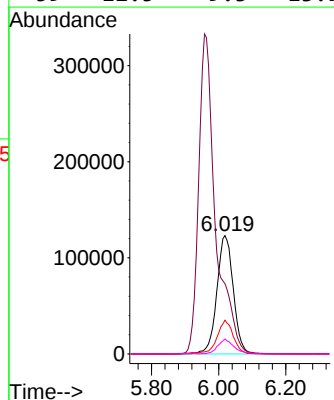
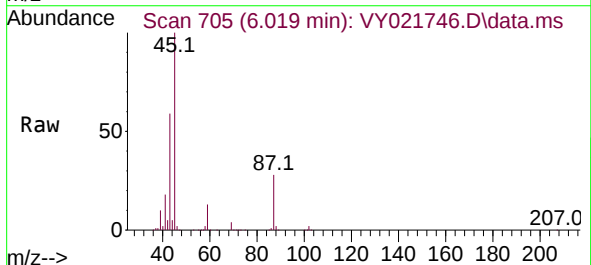
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

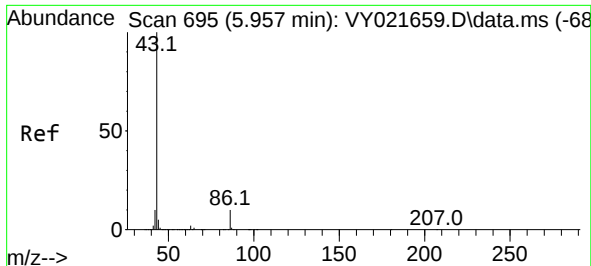
Tgt Ion: 96 Resp: 135427
Ion Ratio Lower Upper
96 100
61 132.9 109.4 164.0
98 60.7 50.2 75.2



#22
Diisopropyl ether
Concen: 54.362 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 45 Resp: 417838
Ion Ratio Lower Upper
45 100
43 59.3 46.6 69.8
87 28.5 20.7 31.1
59 12.5 9.3 13.9

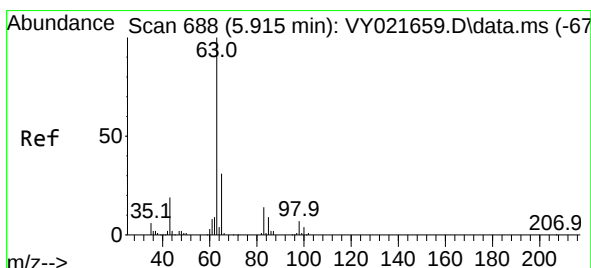
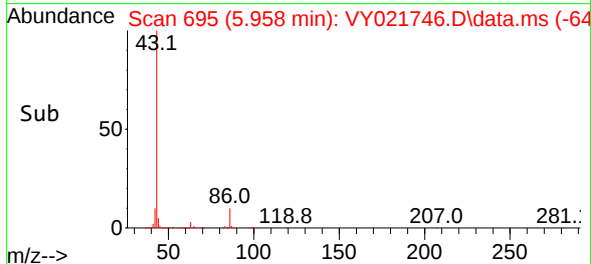
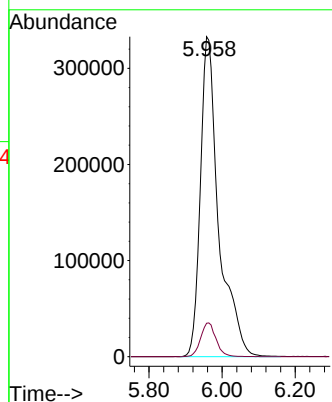
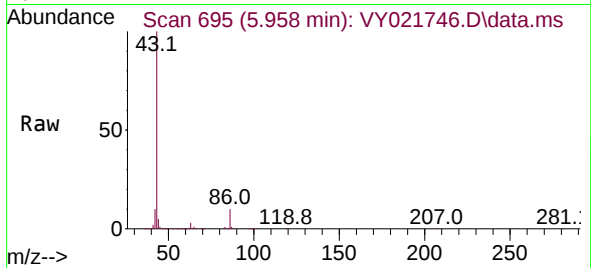




#23
 Vinyl Acetate
 Concen: 258.853 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

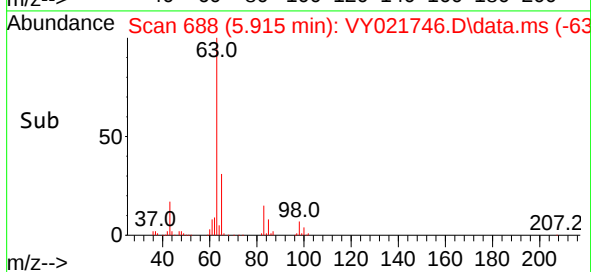
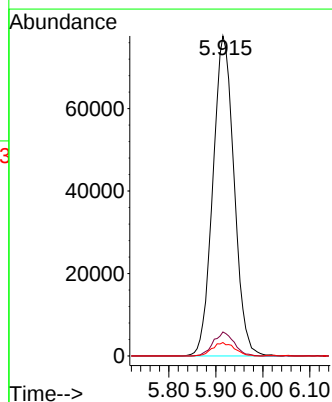
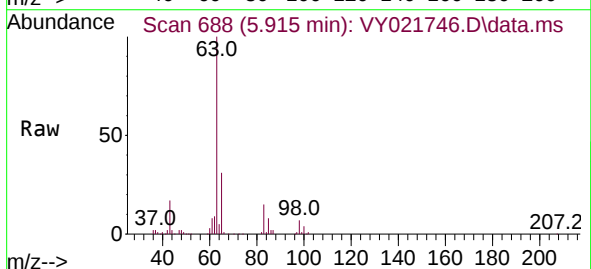
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

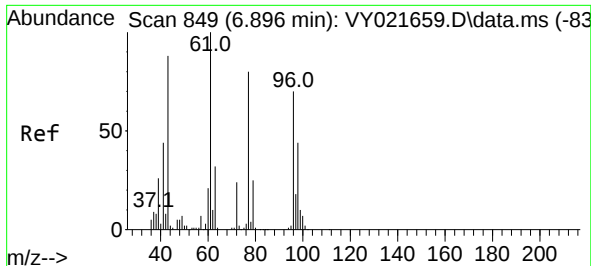
Tgt Ion: 43 Resp: 1163926
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 52.937 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion: 63 Resp: 243297
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.2 2.2 6.6

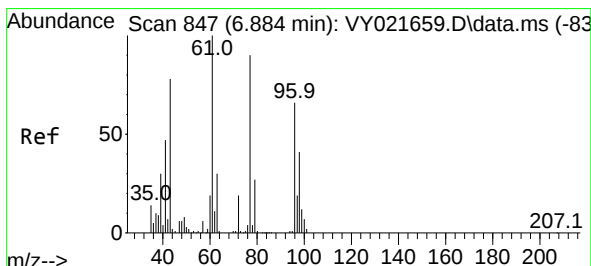
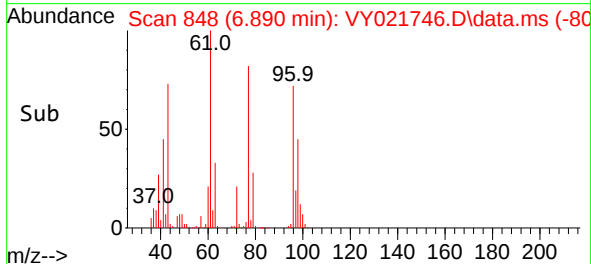
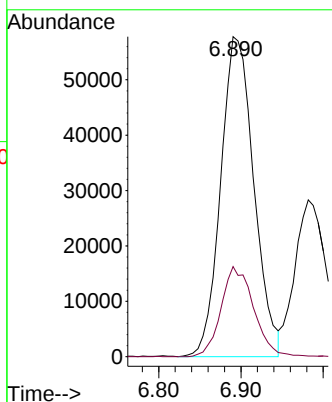
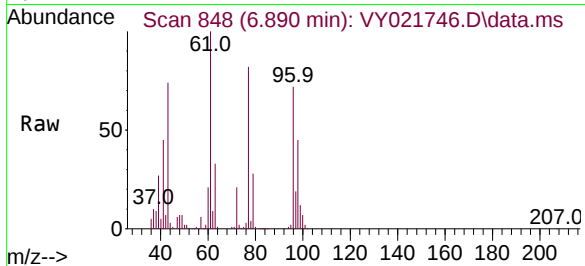




#25
2-Butanone
Concen: 233.828 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

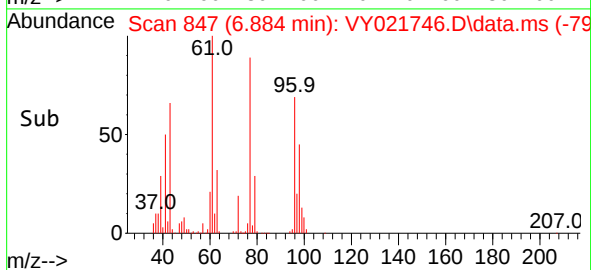
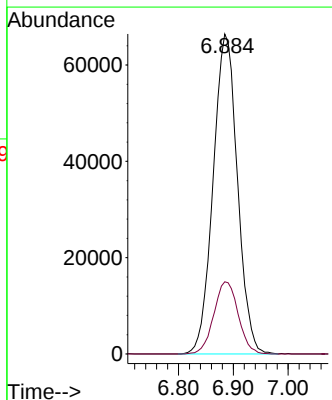
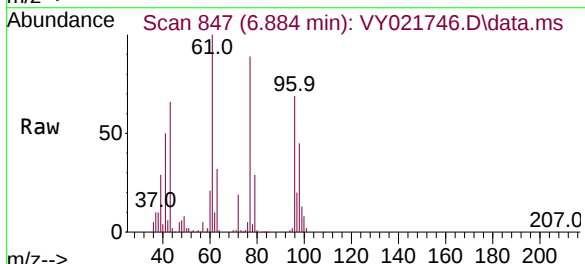
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 162254
Ion Ratio Lower Upper
43 100
72 28.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 49.999 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 77 Resp: 204408
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 54.104 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

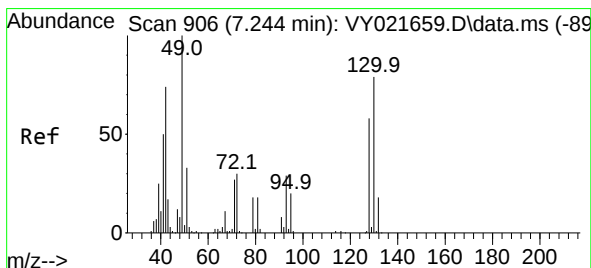
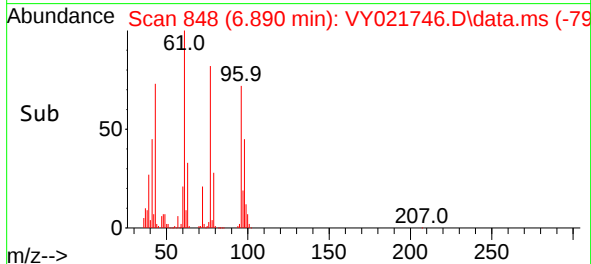
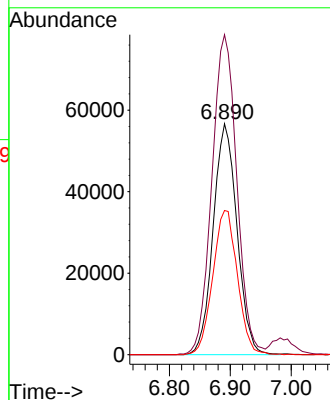
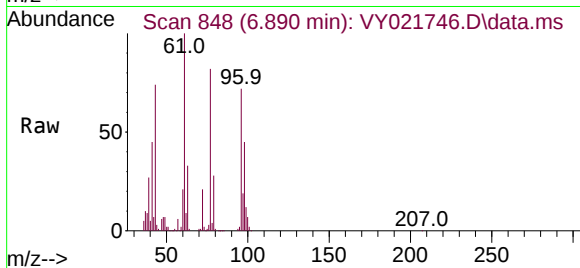
Tgt Ion: 96 Resp: 153950

Ion Ratio Lower Upper

96 100

61 144.7 0.0 296.4

98 64.5 0.0 128.0



#28

Bromochloromethane

Concen: 53.172 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

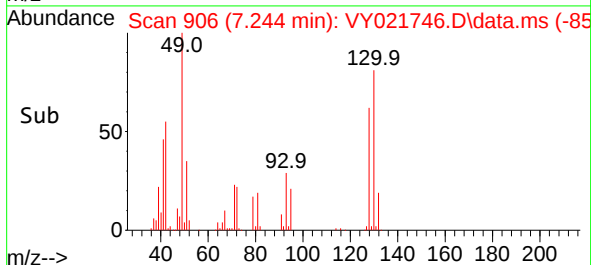
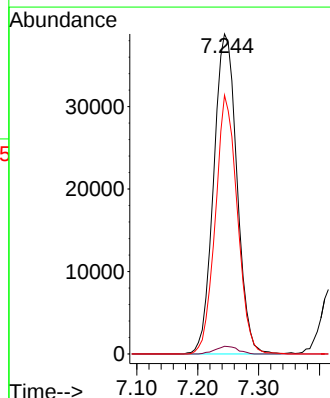
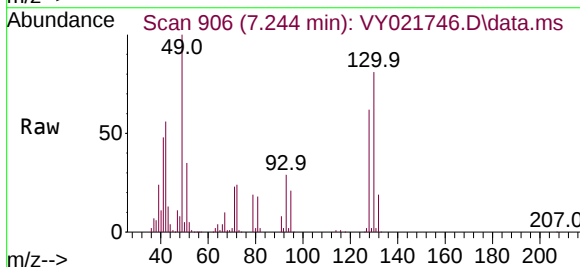
Tgt Ion: 49 Resp: 103064

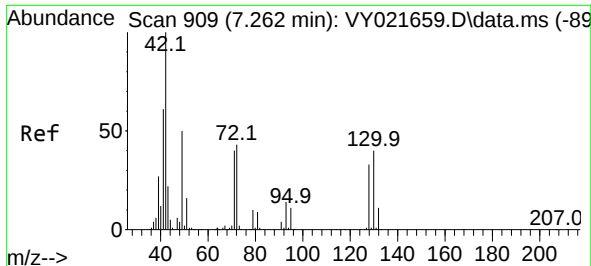
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 240.114 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

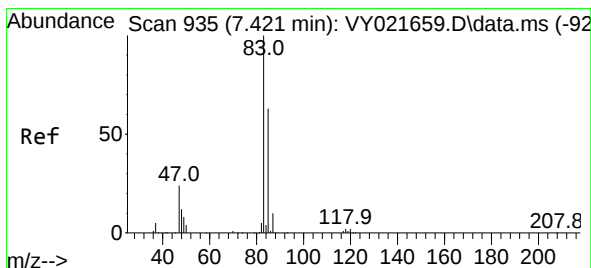
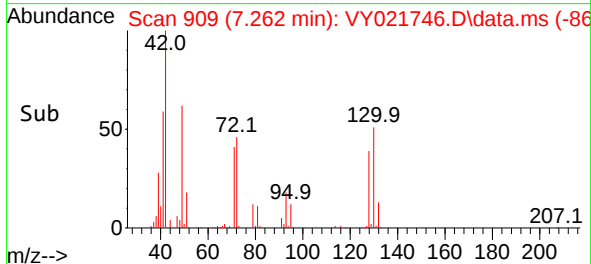
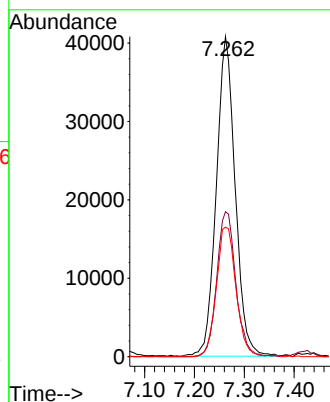
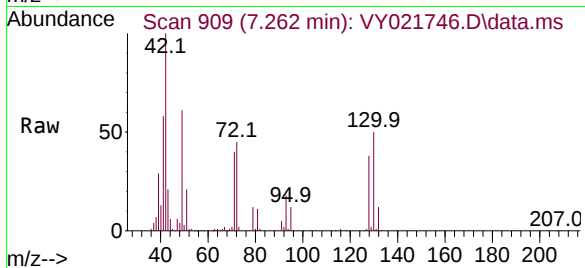
Tgt Ion: 42 Resp: 107232

Ion Ratio Lower Upper

42 100

72 45.9 34.6 52.0

71 42.0 32.5 48.7



#30

Chloroform

Concen: 53.283 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021746.D

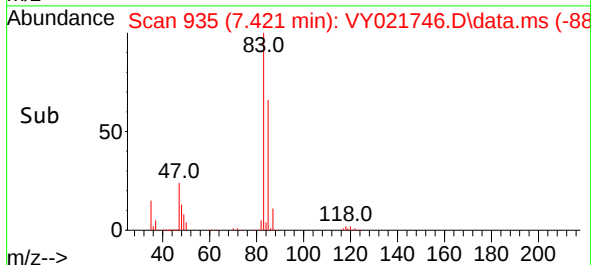
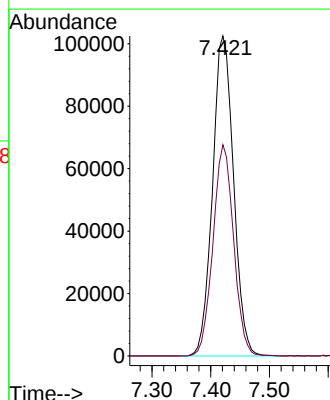
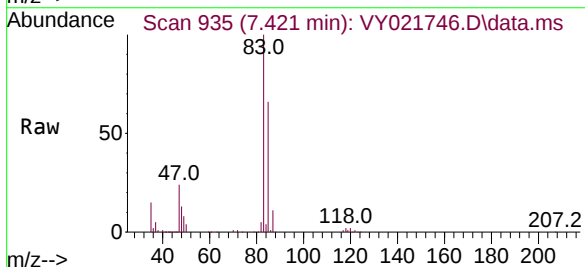
Acq: 01 Apr 2025 17:01

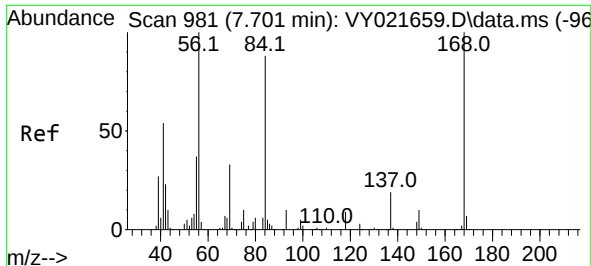
Tgt Ion: 83 Resp: 254706

Ion Ratio Lower Upper

83 100

85 66.0 50.6 75.8

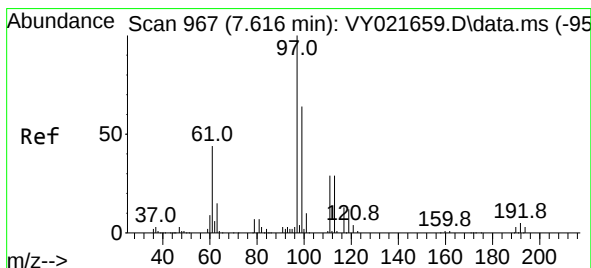
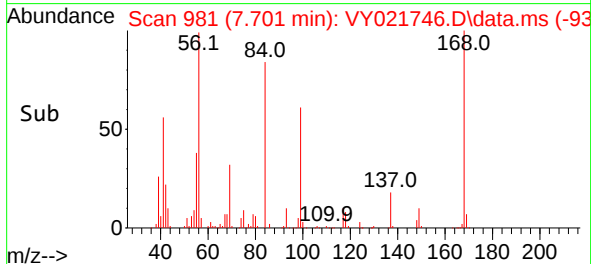
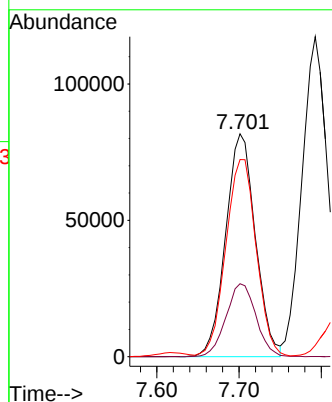
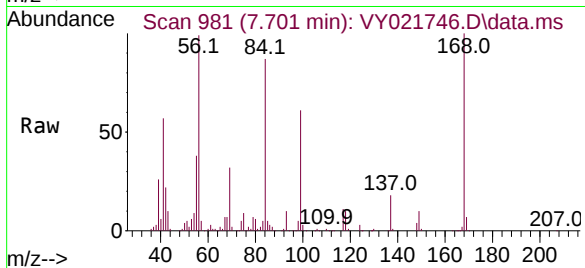




#31
Cyclohexane
Concen: 49.089 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

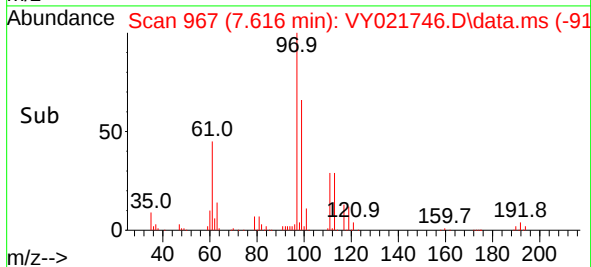
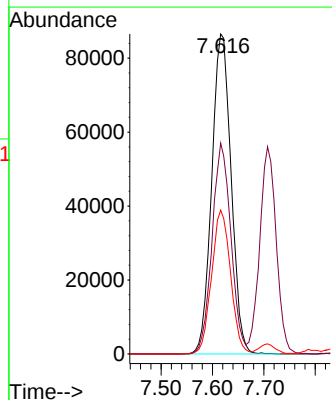
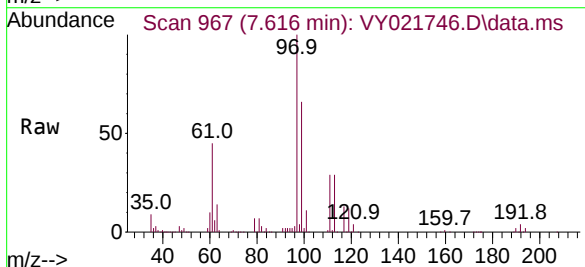
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

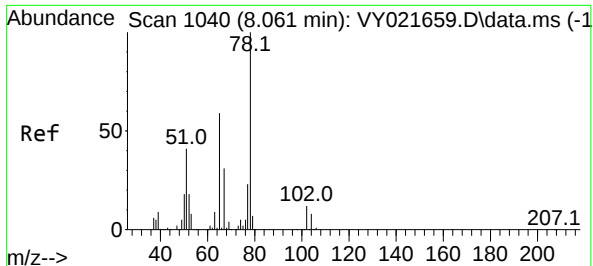
Tgt Ion: 56 Resp: 205662
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 86.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 52.411 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 97 Resp: 226443
Ion Ratio Lower Upper
97 100
99 64.0 50.7 76.1
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.072 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

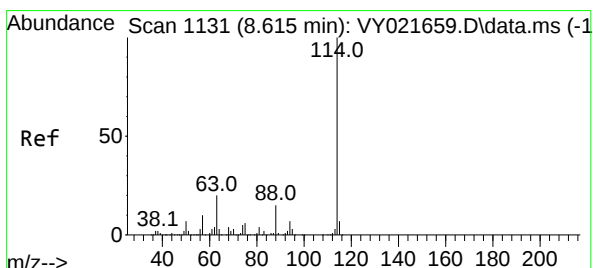
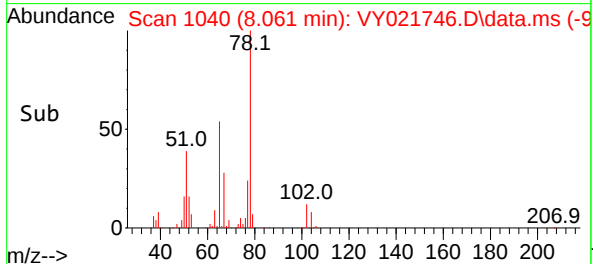
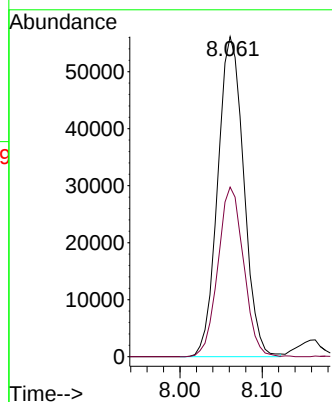
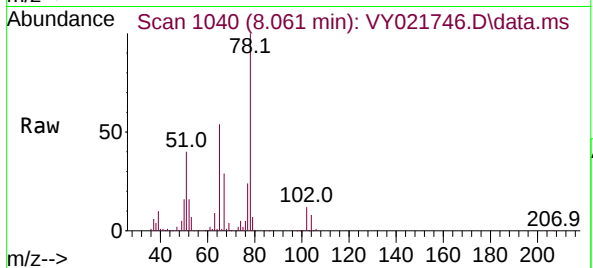
VSTDCCC050EC

Tgt Ion: 65 Resp: 123608

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

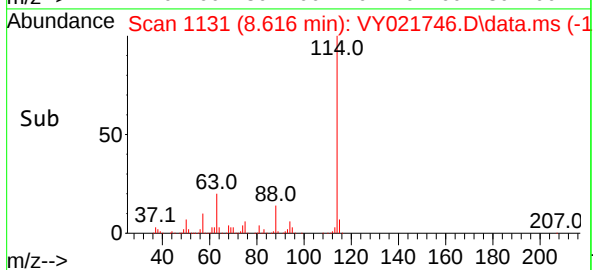
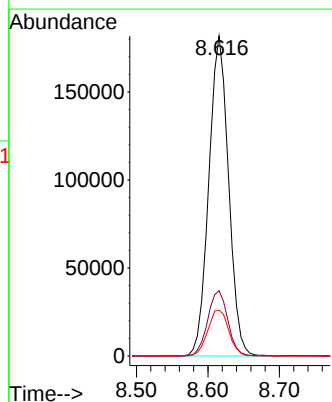
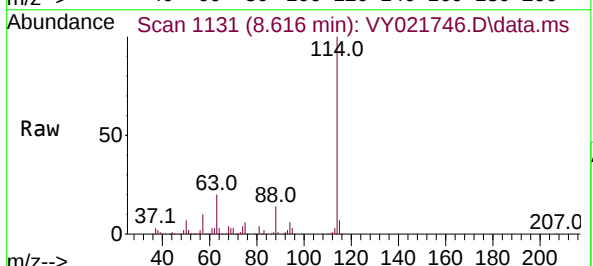
Tgt Ion: 114 Resp: 348712

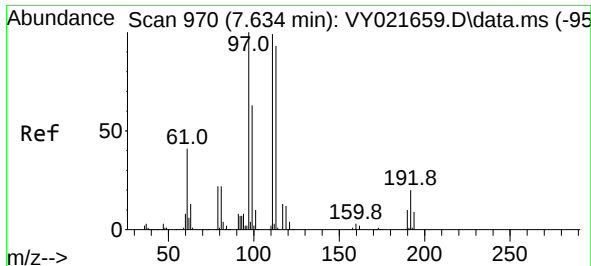
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 14.3 0.0 29.8

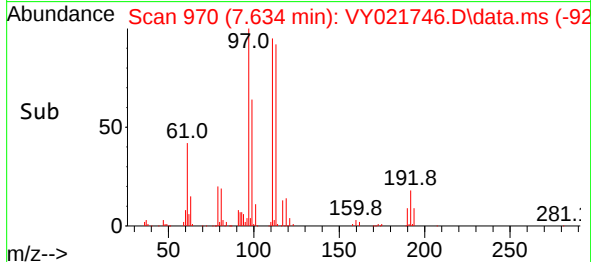
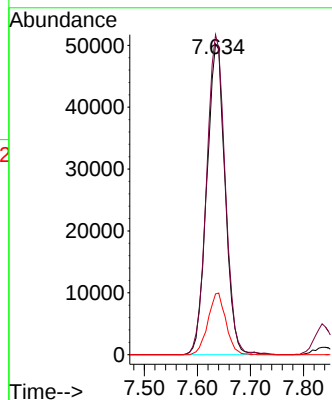
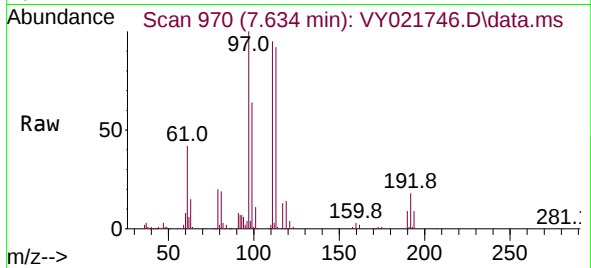




#35
 Dibromofluoromethane
 Concen: 53.294 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

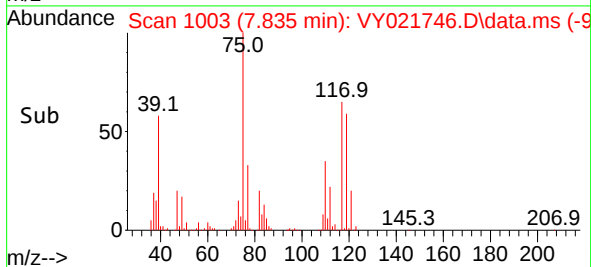
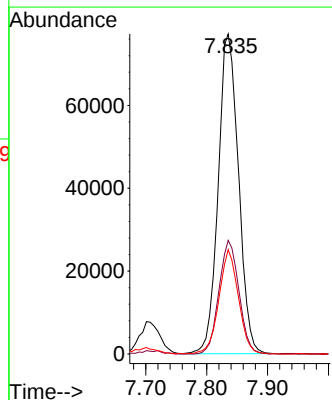
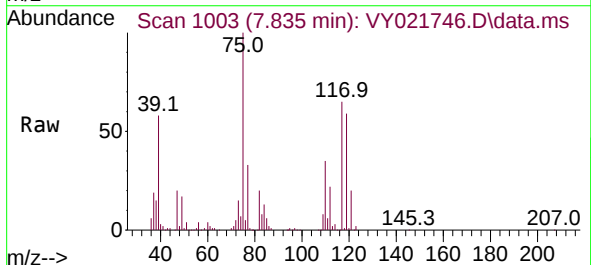
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

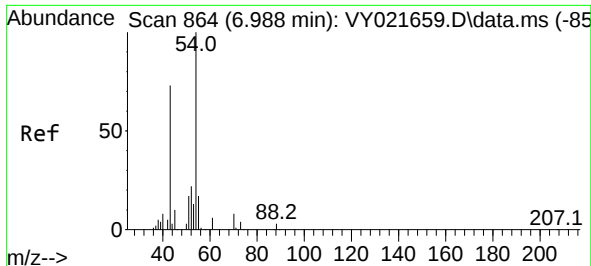
Tgt Ion:113 Resp: 120553
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.6 123.8
 192 19.4 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 51.774 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion: 75 Resp: 178384
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.0 50.9
 77 31.4 24.8 37.2

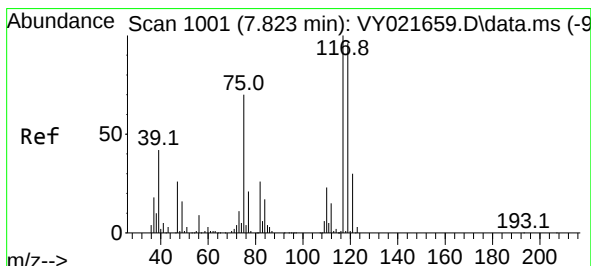
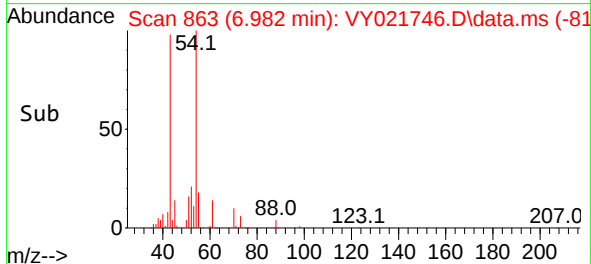
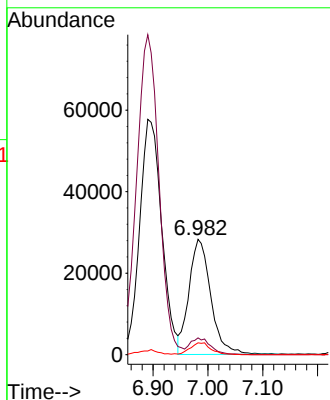
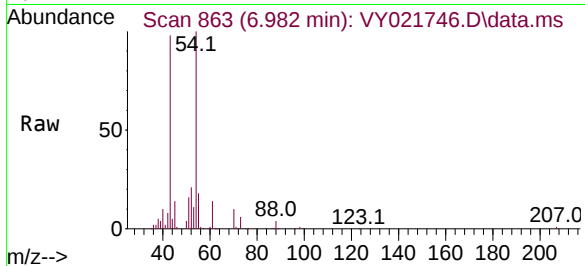




#37
Ethyl Acetate
Concen: 48.106 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

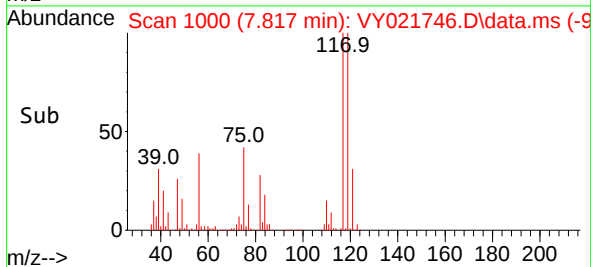
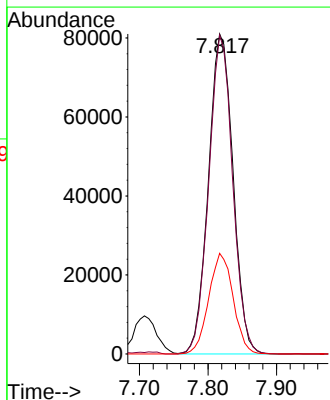
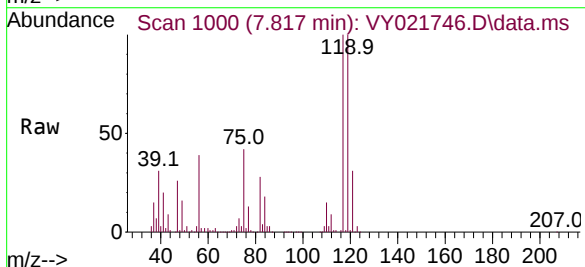
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

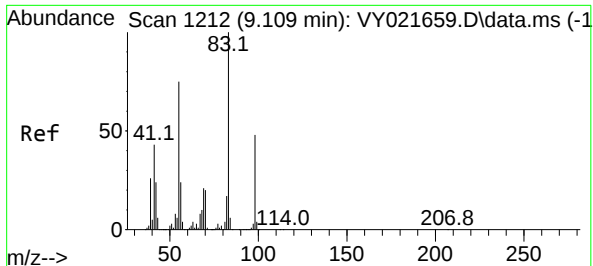
Tgt Ion: 43 Resp: 78223
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 51.238 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 117 Resp: 202194
Ion Ratio Lower Upper
117 100
119 99.7 76.2 114.4
121 31.4 24.2 36.4





#39

Methylcyclohexane

Concen: 52.175 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

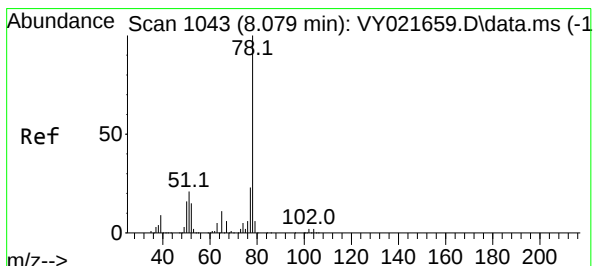
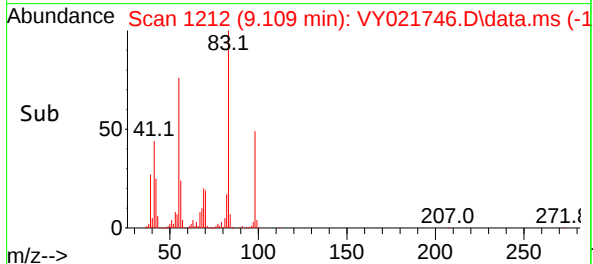
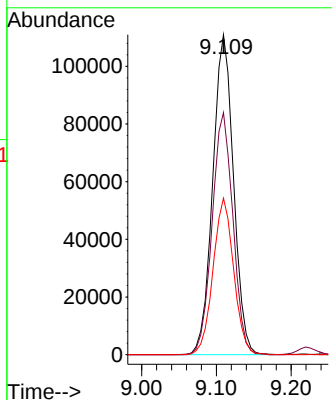
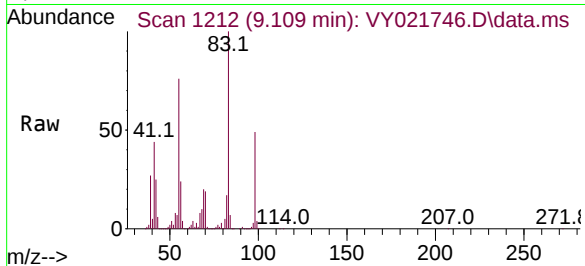
Tgt Ion: 83 Resp: 214750

Ion Ratio Lower Upper

83 100

55 75.6 59.7 89.5

98 48.9 38.3 57.5



#40

Benzene

Concen: 52.659 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021746.D

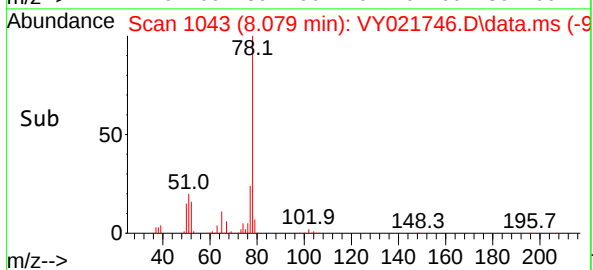
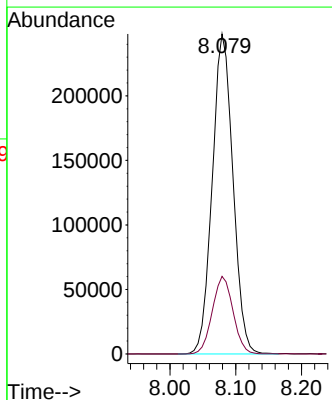
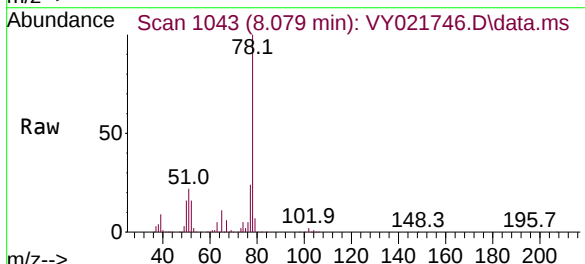
Acq: 01 Apr 2025 17:01

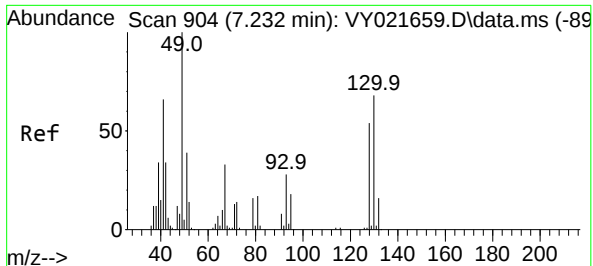
Tgt Ion: 78 Resp: 543349

Ion Ratio Lower Upper

78 100

77 24.2 18.8 28.2

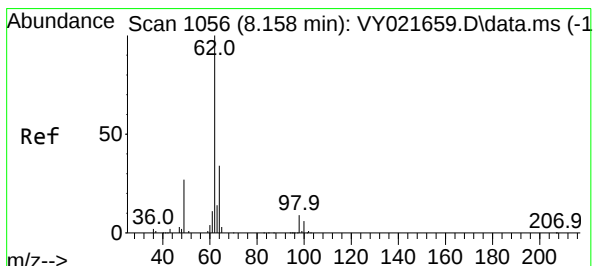
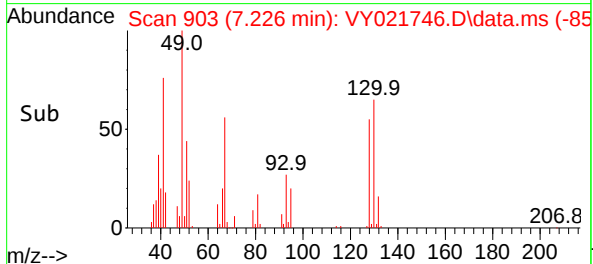
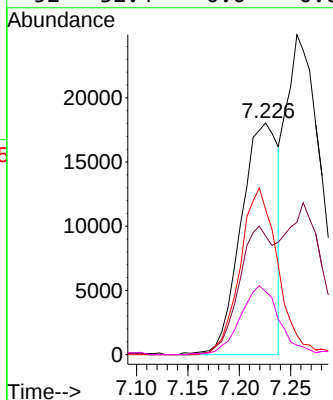
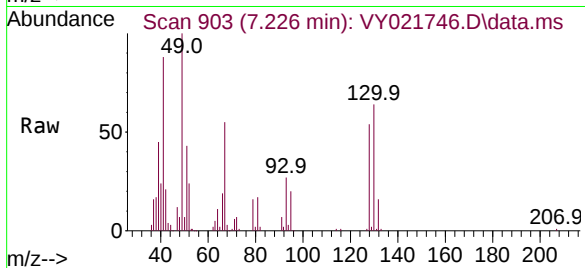




#41
Methacrylonitrile
Concen: 52.108 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

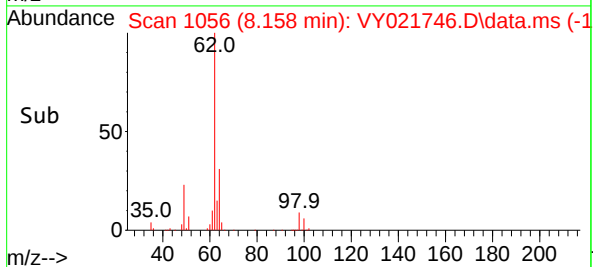
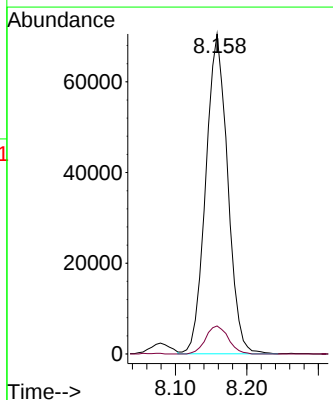
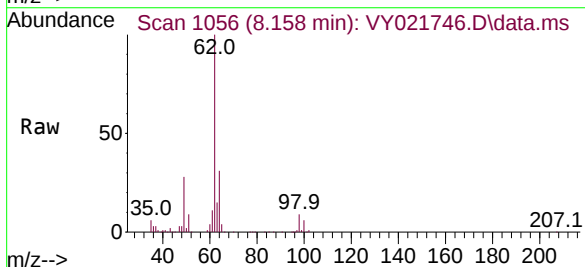
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

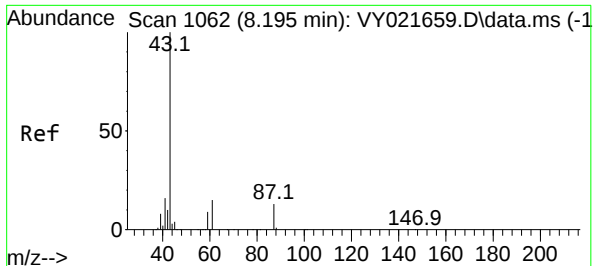
Tgt Ion:	41	Resp:	44998
Ion	Ratio	Lower	Upper
41	100		
39	48.7	0.0	0.0#
67	73.9	0.0	0.0#
52	32.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.488 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:	62	Resp:	149770
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

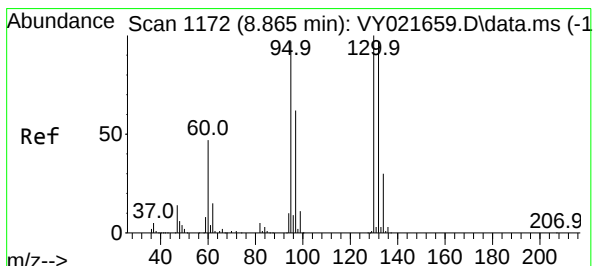
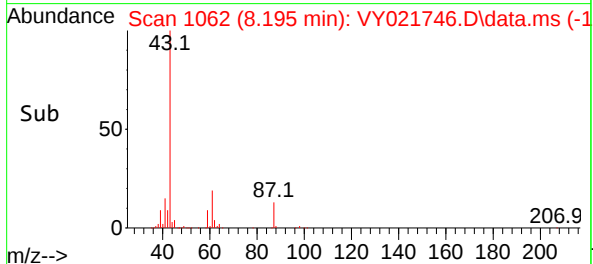
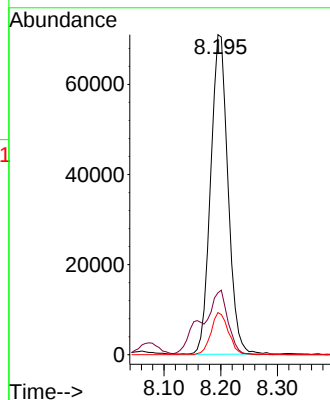
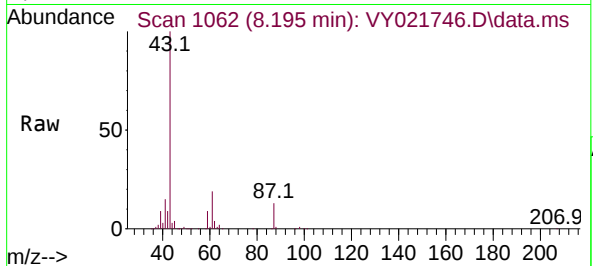




#43
Isopropyl Acetate
Concen: 48.930 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

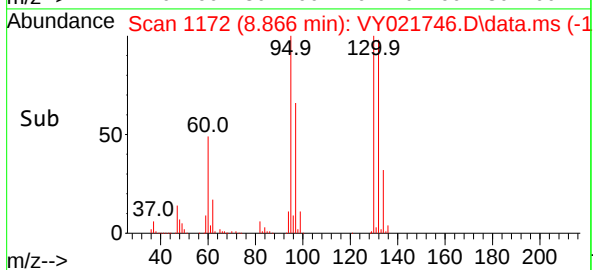
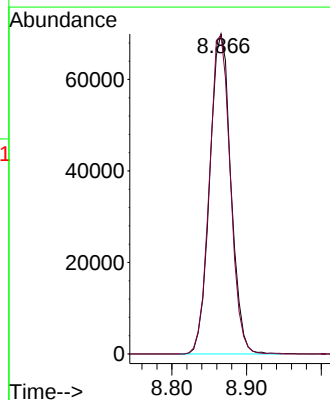
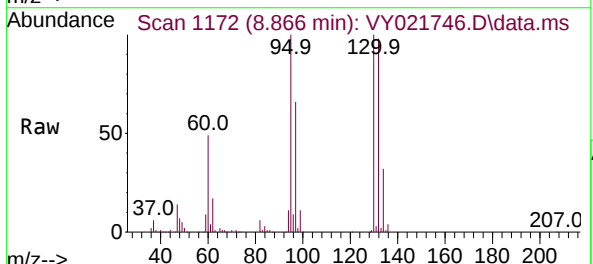
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

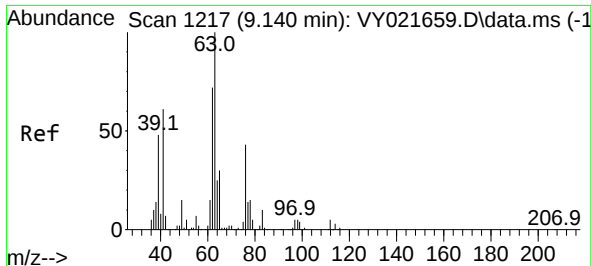
Tgt Ion: 43 Resp: 150777
Ion Ratio Lower Upper
43 100
61 20.7 15.9 23.9
87 13.3 10.4 15.6



#44
Trichloroethene
Concen: 52.192 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:130 Resp: 137212
Ion Ratio Lower Upper
130 100
95 99.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.840 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

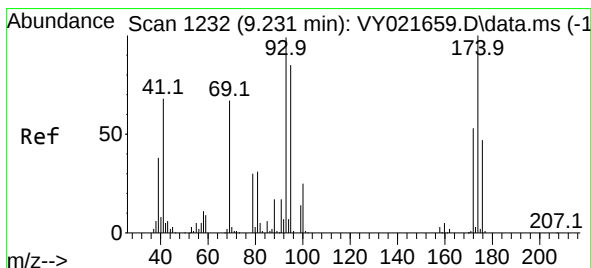
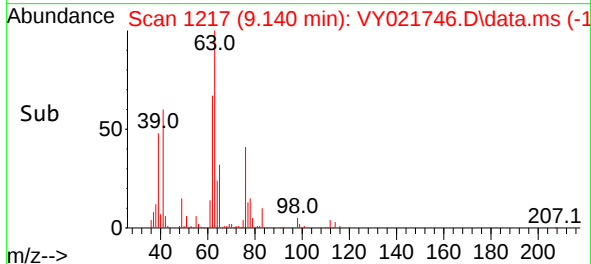
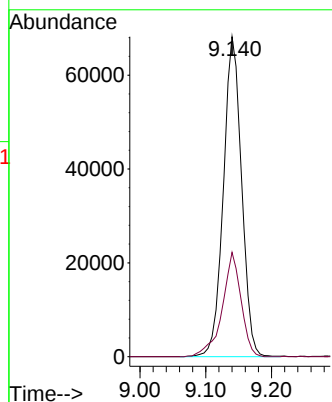
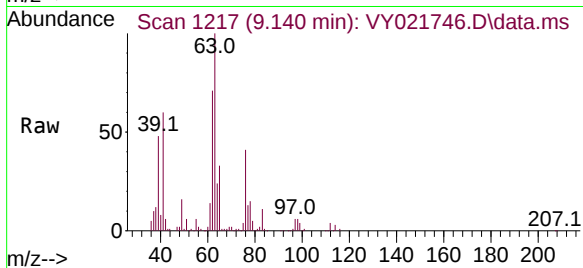
VSTDCCC050EC

Tgt Ion: 63 Resp: 131498

Ion Ratio Lower Upper

63 100

65 32.6 24.4 36.6



#46

Dibromomethane

Concen: 52.056 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

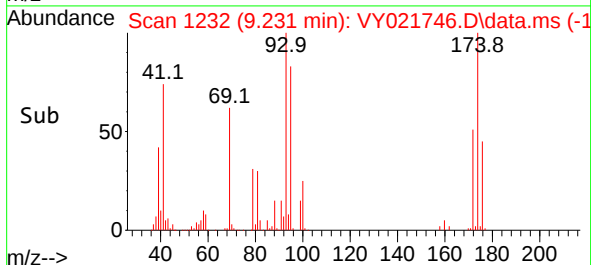
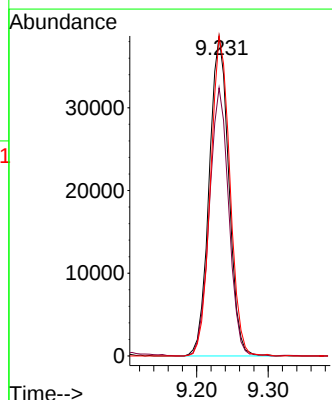
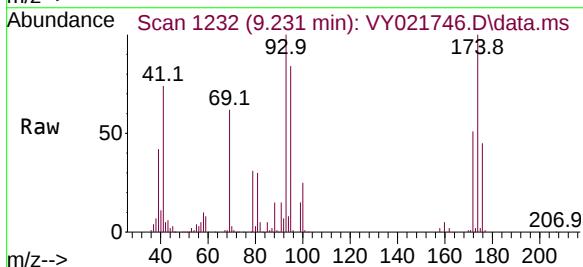
Tgt Ion: 93 Resp: 73274

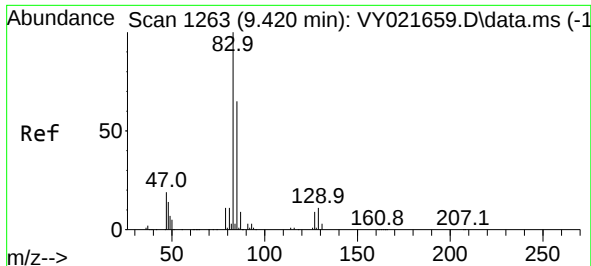
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 99.0 80.9 121.3

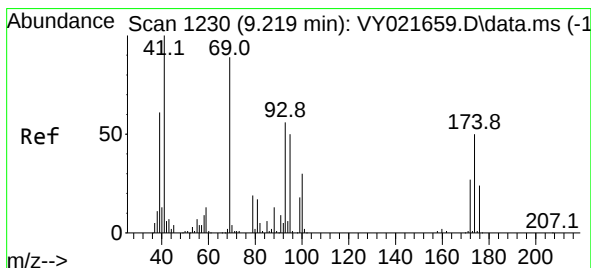
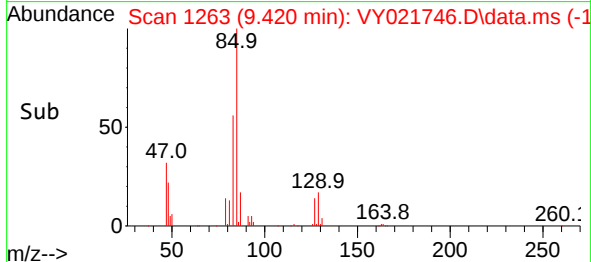
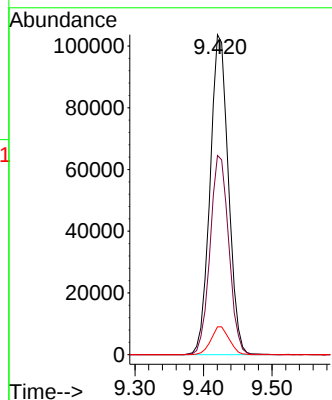
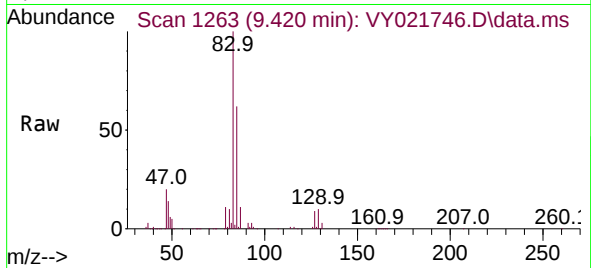




#47
Bromodichloromethane
Concen: 52.827 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

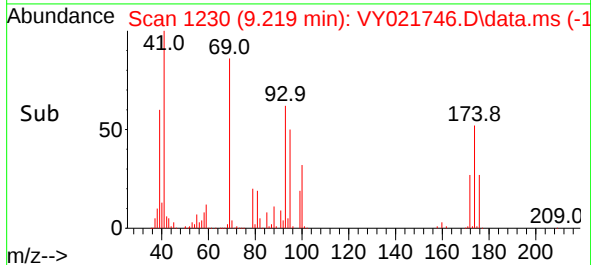
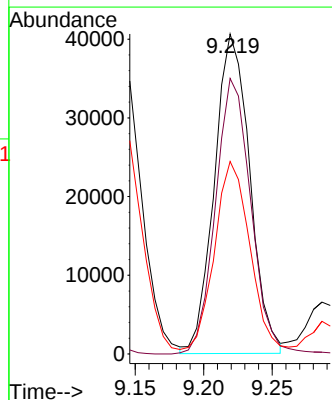
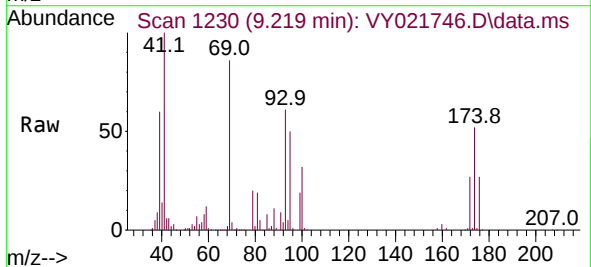
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 192679
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.6
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 51.567 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 41 Resp: 72930
Ion Ratio Lower Upper
41 100
69 86.7 69.8 104.8
39 58.3 47.2 70.8

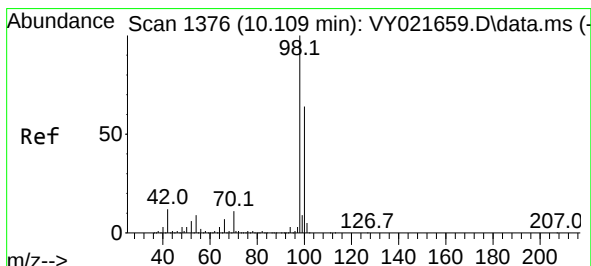
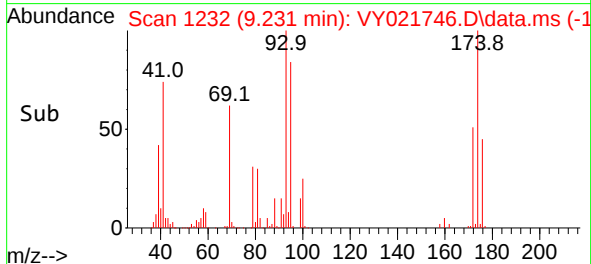
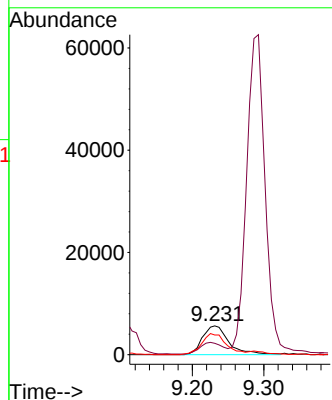
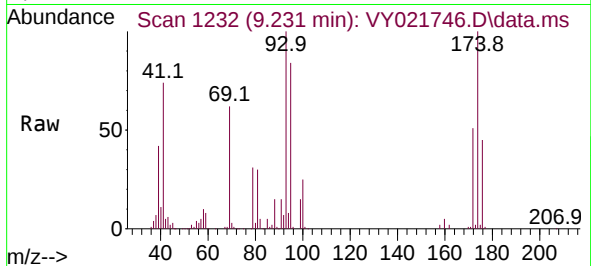




#49
1,4-Dioxane
Concen: 964.848 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

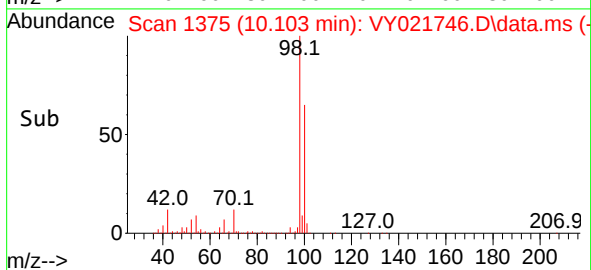
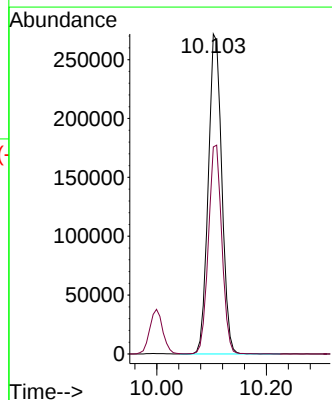
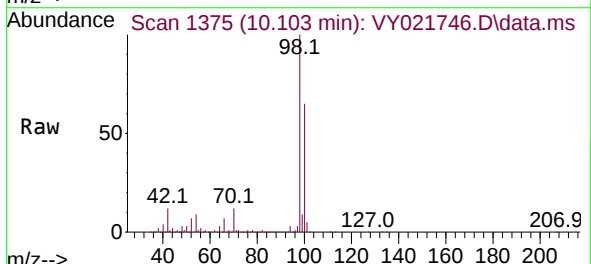
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

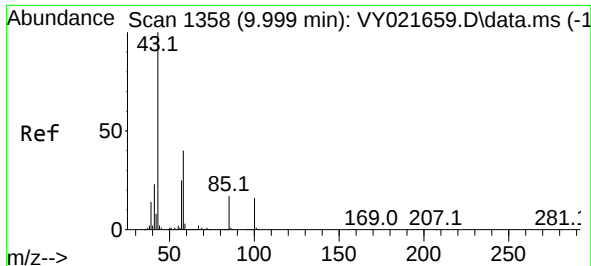
Tgt Ion: 88 Resp: 14549
Ion Ratio Lower Upper
88 100
43 35.4 28.8 43.2
58 67.7 59.4 89.2



#50
Toluene-d8
Concen: 53.816 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 98 Resp: 463114
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 252.445 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

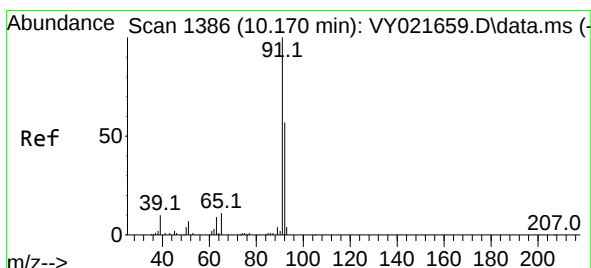
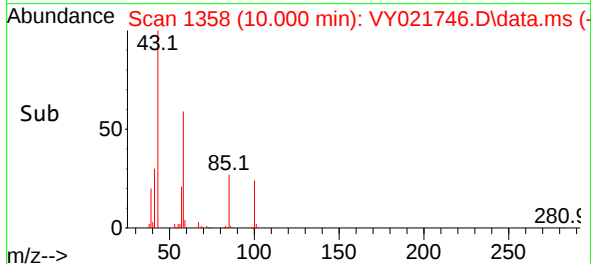
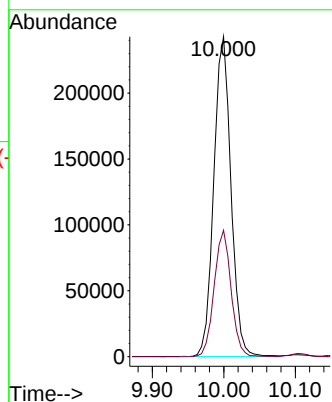
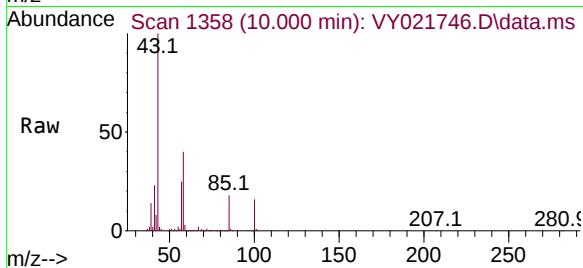
VSTDCCC050EC

Tgt Ion: 43 Resp: 404819

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



#52

Toluene

Concen: 54.021 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021746.D

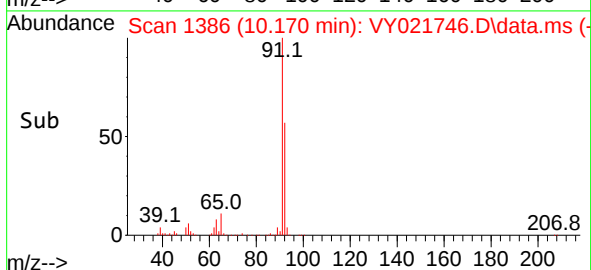
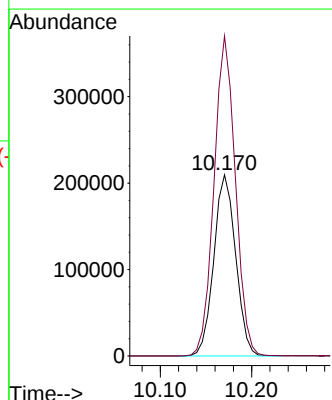
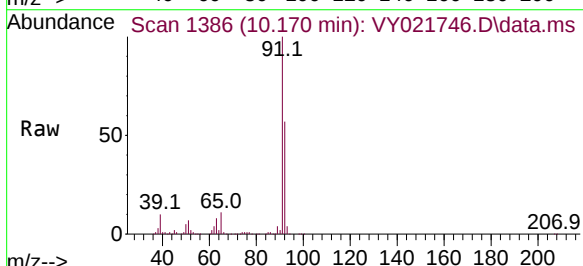
Acq: 01 Apr 2025 17:01

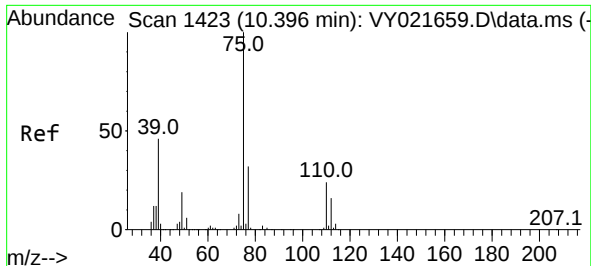
Tgt Ion: 92 Resp: 347768

Ion Ratio Lower Upper

92 100

91 173.3 138.6 207.8

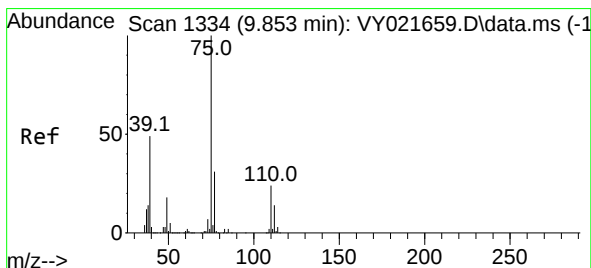
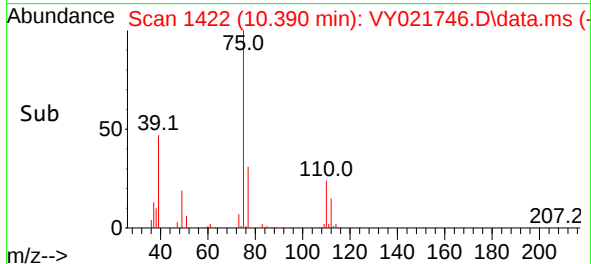
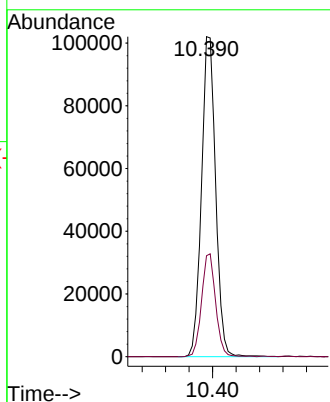
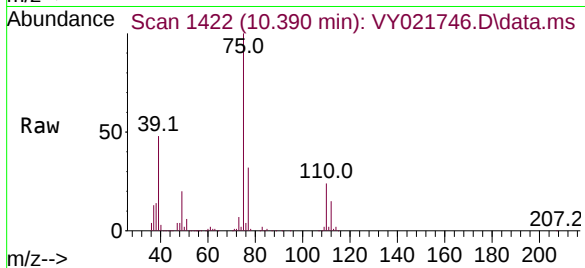




#53
t-1,3-Dichloropropene
Concen: 52.720 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

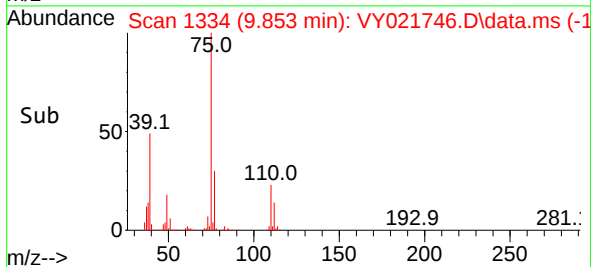
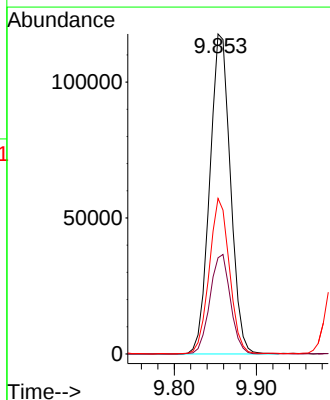
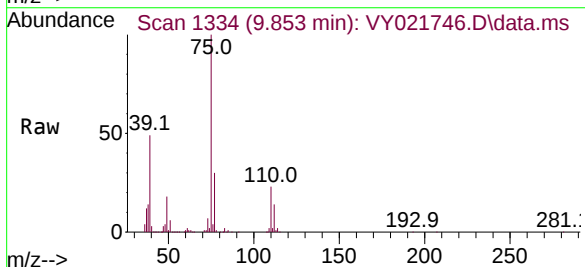
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

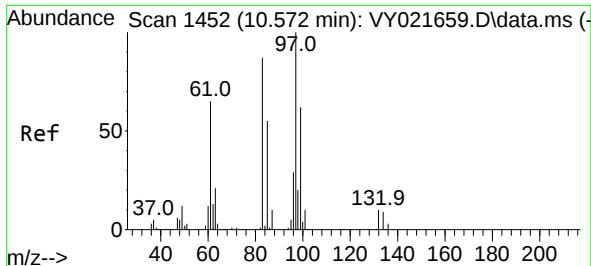
Tgt Ion: 75 Resp: 170795
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.835 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 75 Resp: 205752
Ion Ratio Lower Upper
75 100
77 30.1 24.9 37.3
39 48.5 39.2 58.8

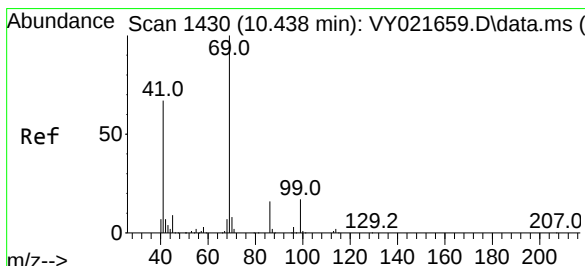
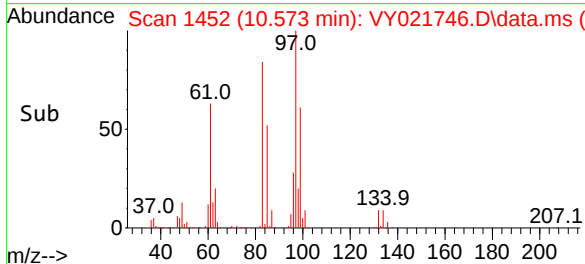
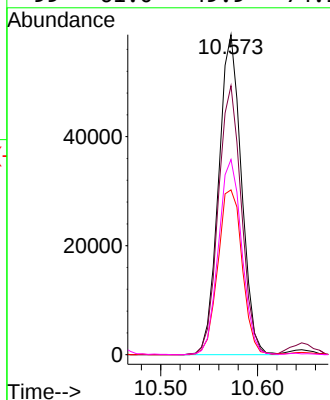
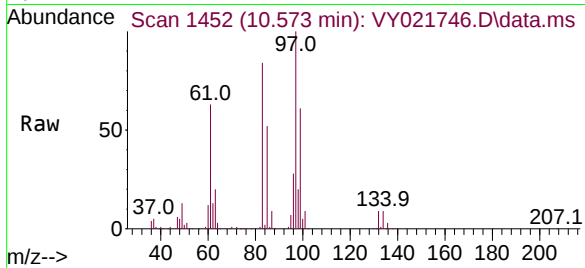




#55
1,1,2-Trichloroethane
Concen: 53.148 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

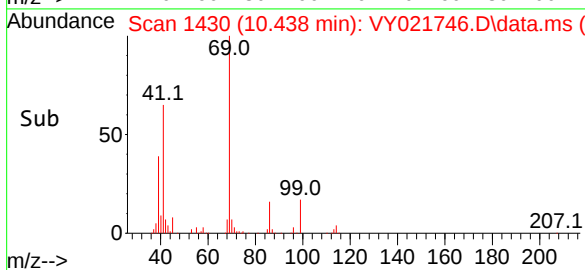
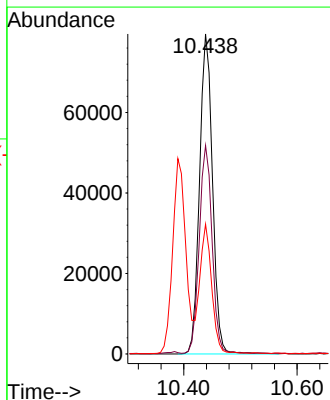
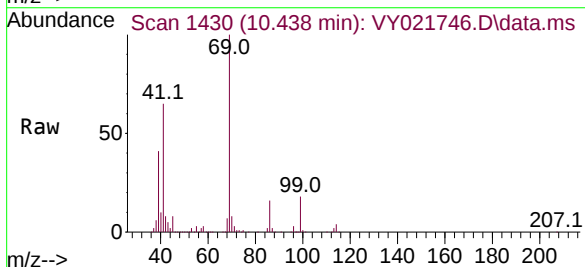
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

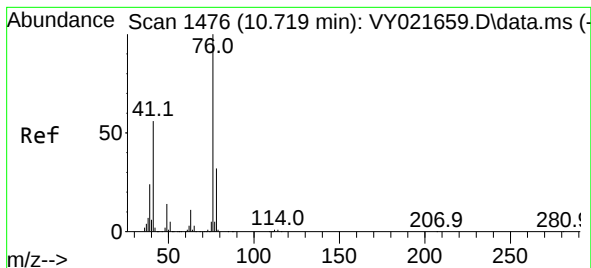
Tgt Ion:	97	Resp:	96274
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.5	104.3
85	51.5	43.9	65.9
99	61.0	49.9	74.9



#56
Ethyl methacrylate
Concen: 54.536 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:	69	Resp:	126142
Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.8	80.6
39	38.1	29.6	44.4

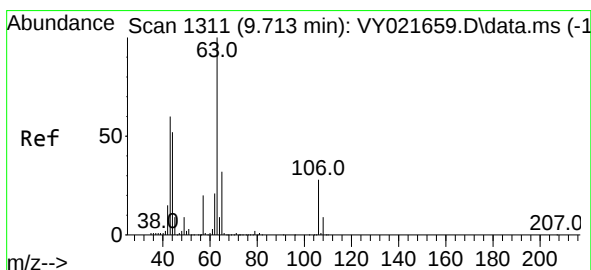
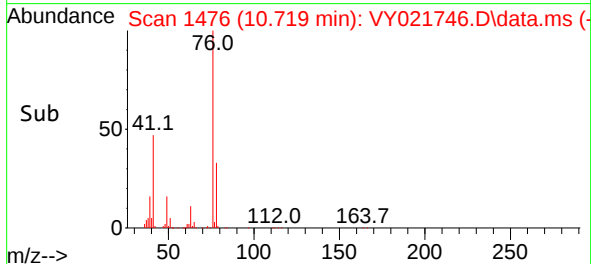
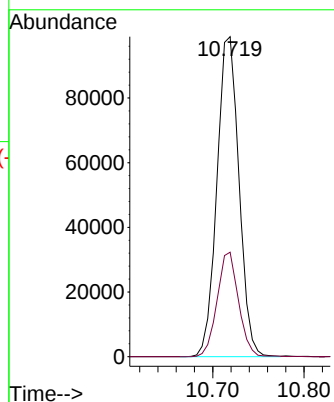
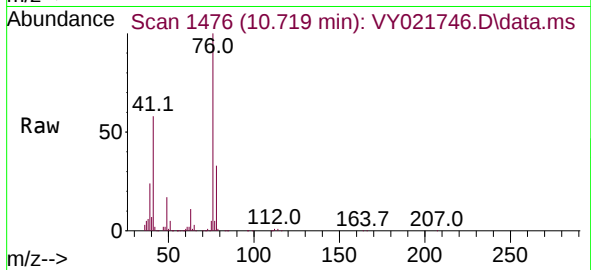




#57
1,3-Dichloropropane
Concen: 53.021 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

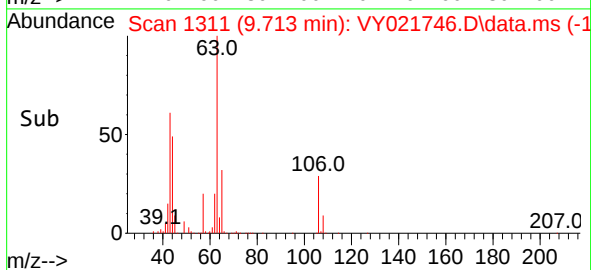
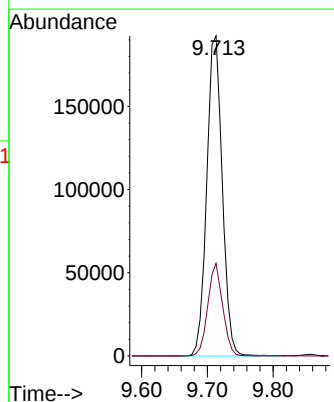
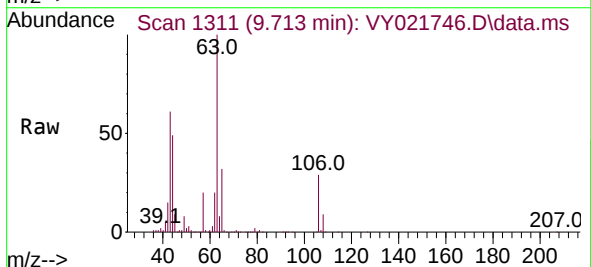
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

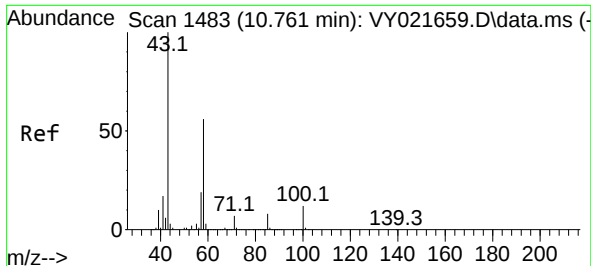
Tgt Ion: 76 Resp: 165871
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 279.550 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 63 Resp: 315430
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6

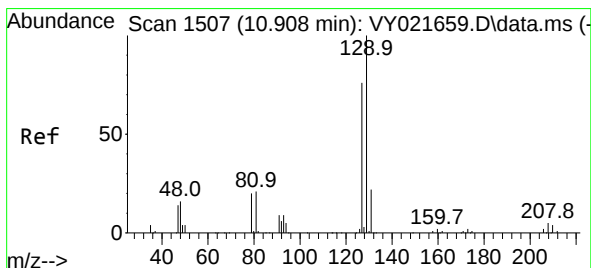
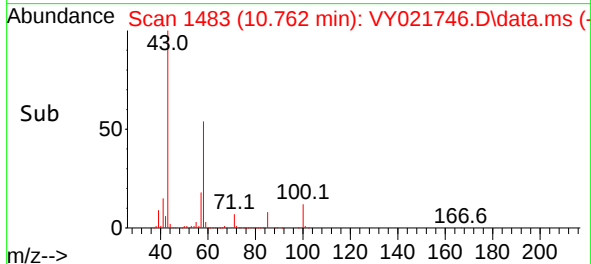
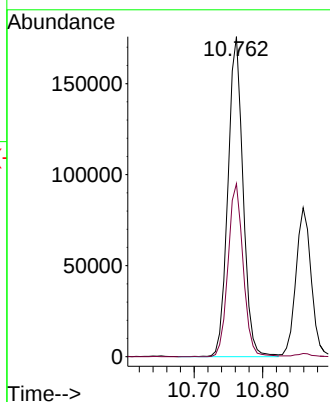
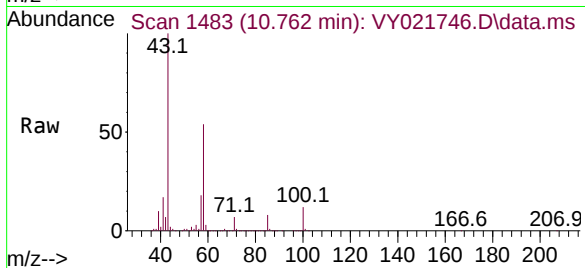




#59
2-Hexanone
Concen: 252.008 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

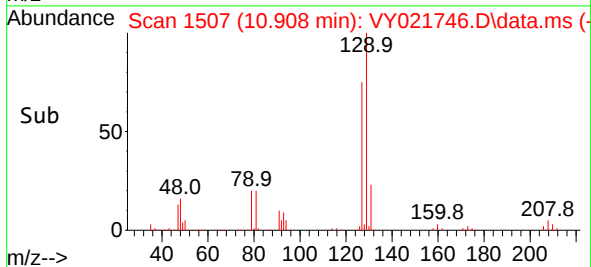
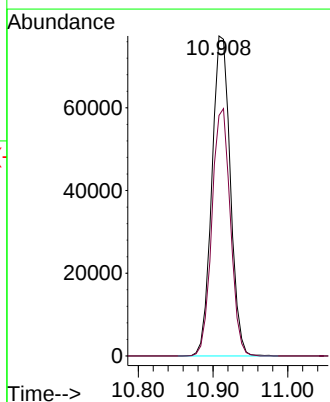
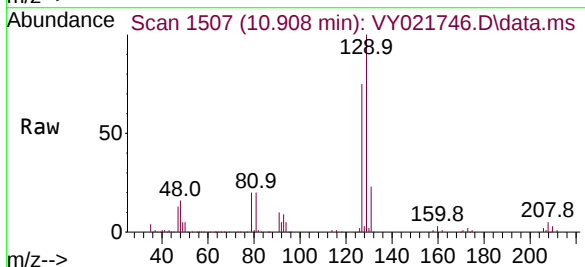
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

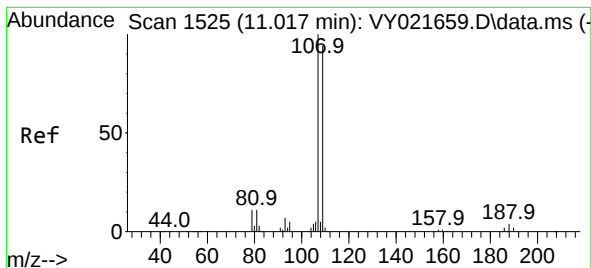
Tgt Ion: 43 Resp: 269137
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 53.658 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 129 Resp: 132707
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

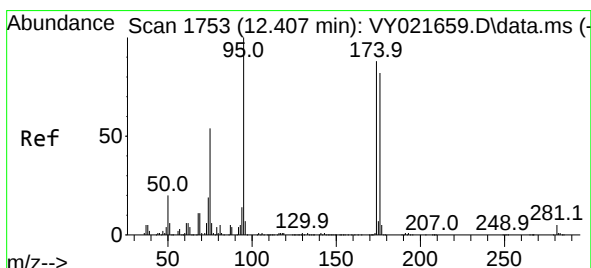
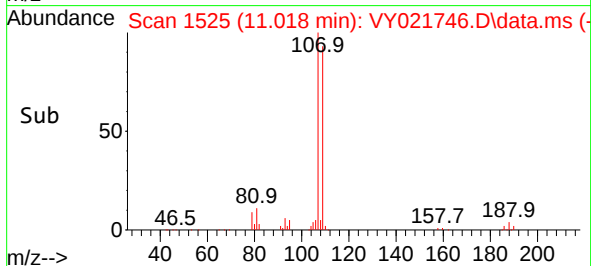
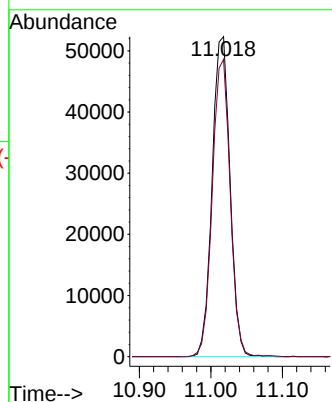
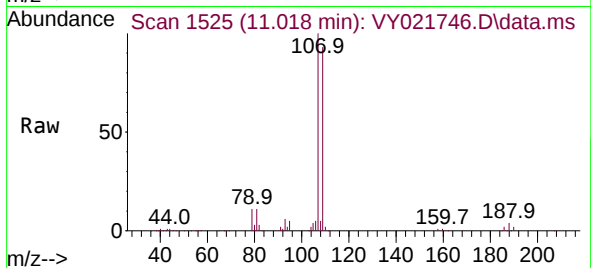




#61
1,2-Dibromoethane
Concen: 53.362 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

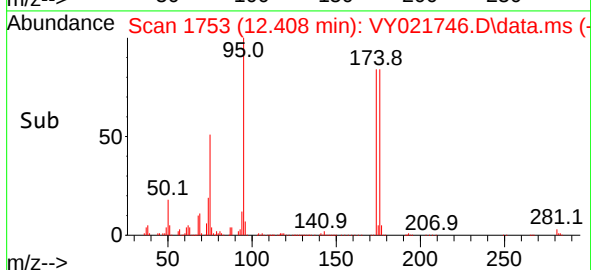
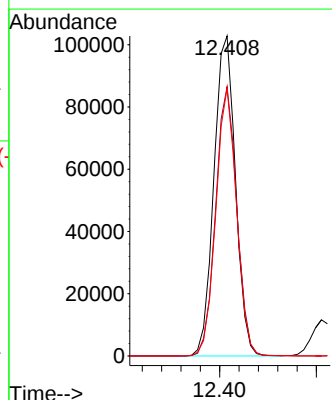
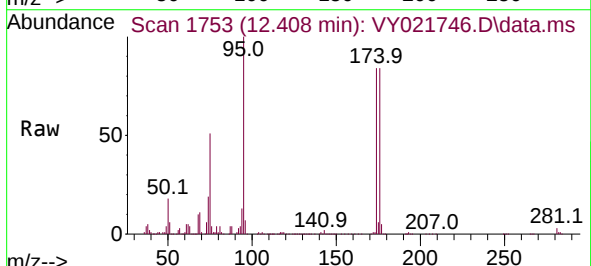
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

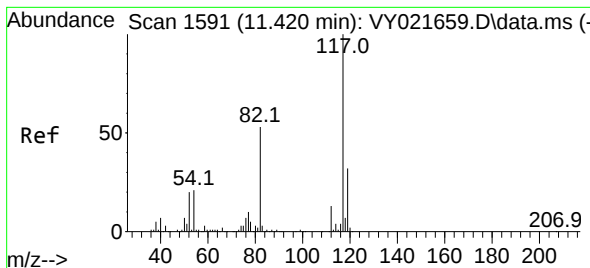
Tgt Ion:107 Resp: 90676
Ion Ratio Lower Upper
107 100
109 93.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.516 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 95 Resp: 158683
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 80.5 0.0 162.0

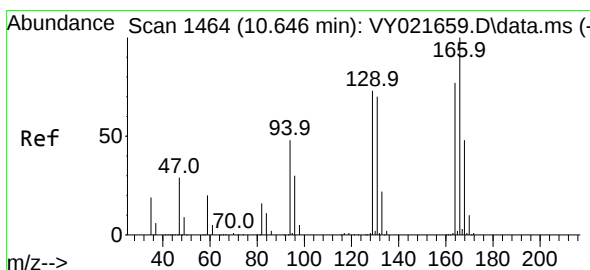
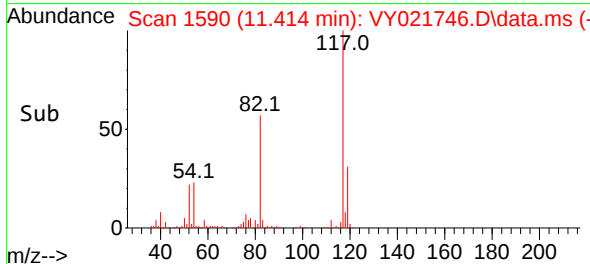
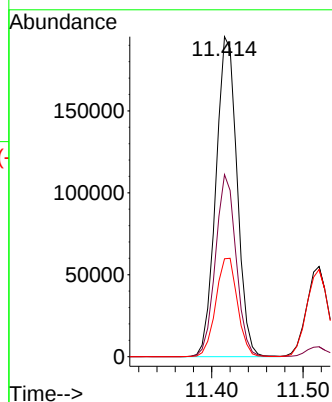
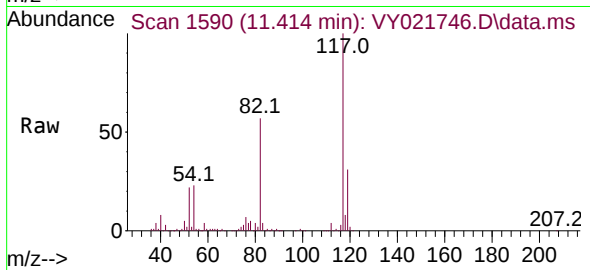




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

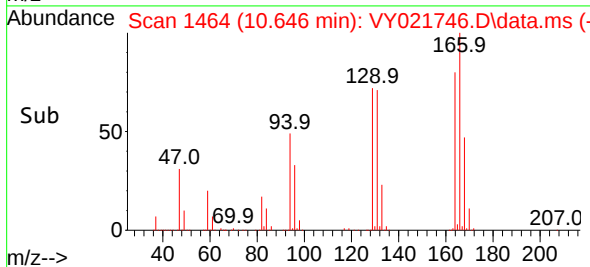
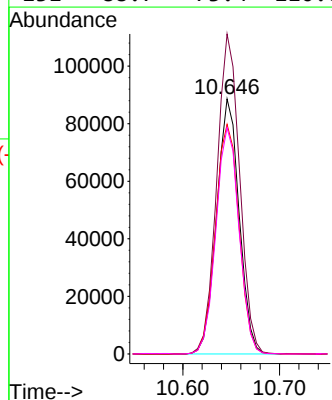
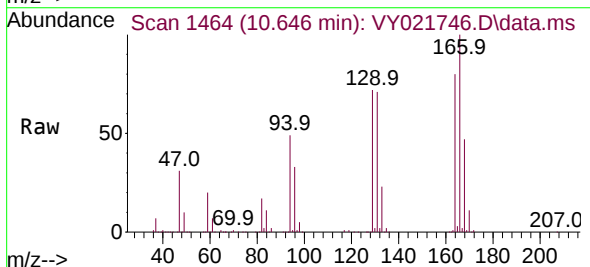
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

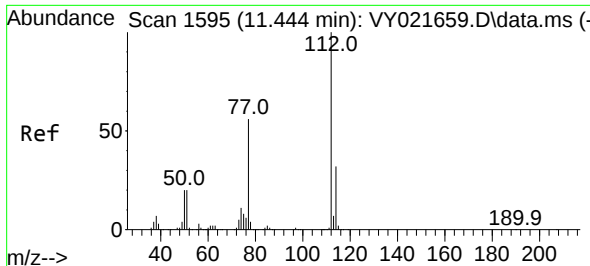
Tgt Ion:117 Resp: 314436
Ion Ratio Lower Upper
117 100
82 56.9 42.8 64.2
119 30.6 25.7 38.5



#64
Tetrachloroethene
Concen: 50.125 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:164 Resp: 143549
Ion Ratio Lower Upper
164 100
166 125.5 104.6 156.8
129 90.0 76.6 114.8
131 88.7 73.4 110.0

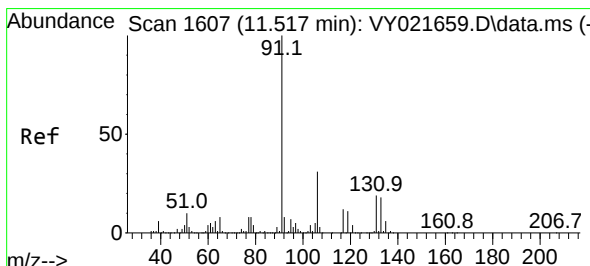
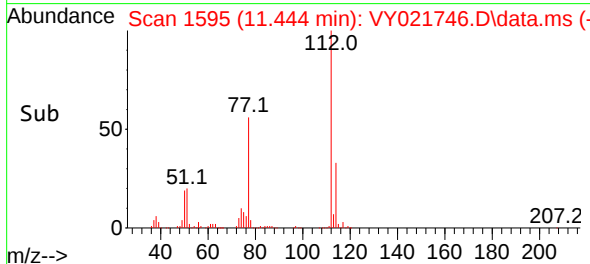
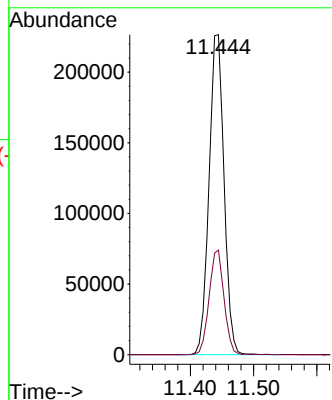
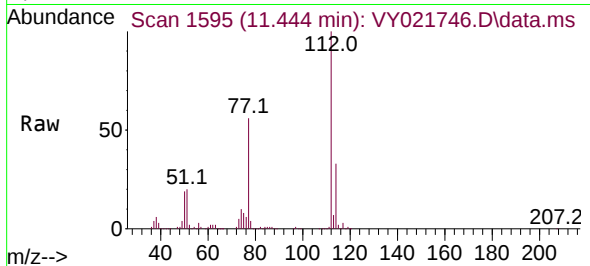




#65
Chlorobenzene
Concen: 51.879 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

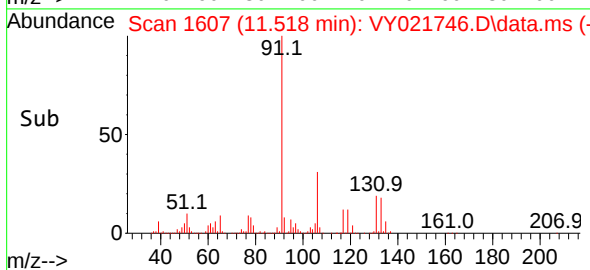
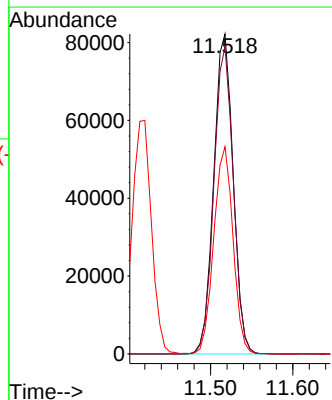
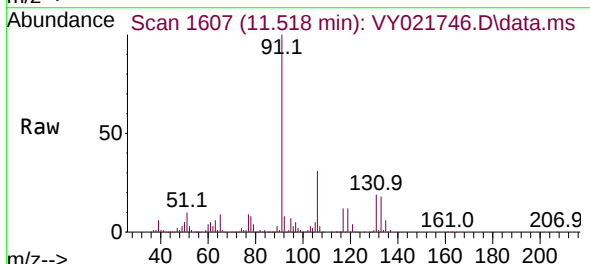
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

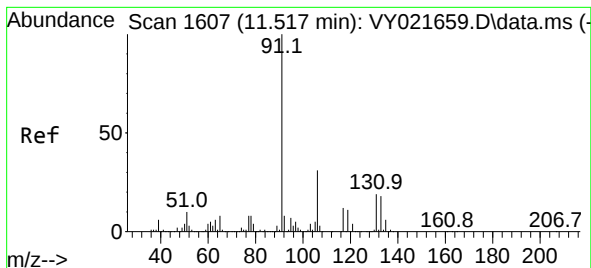
Tgt Ion:112 Resp: 373940
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.737 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:131 Resp: 134869
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 64.3 31.6 95.0





#67

Ethyl Benzene

Concen: 53.827 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

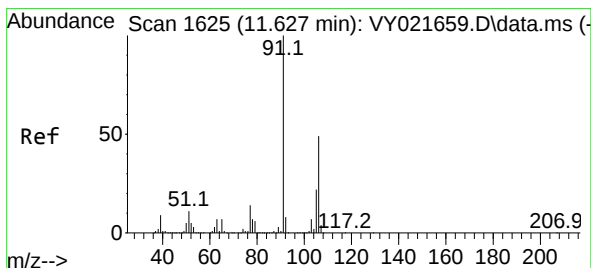
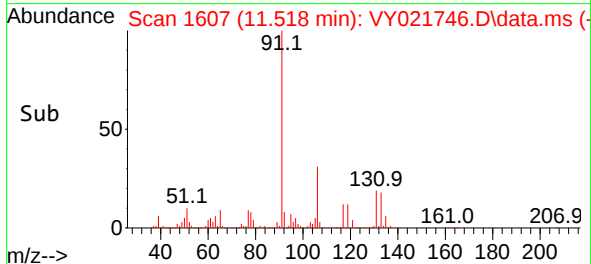
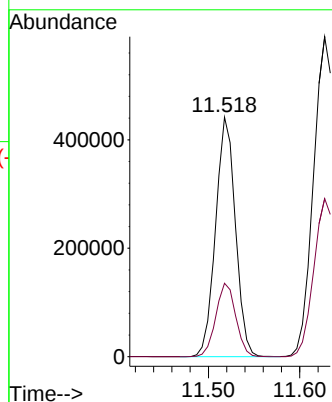
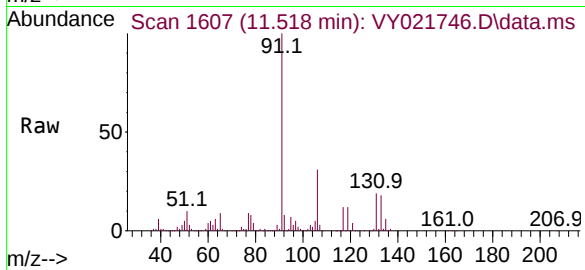
VSTDCCC050EC

Tgt Ion: 91 Resp: 665300

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 108.095 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021746.D

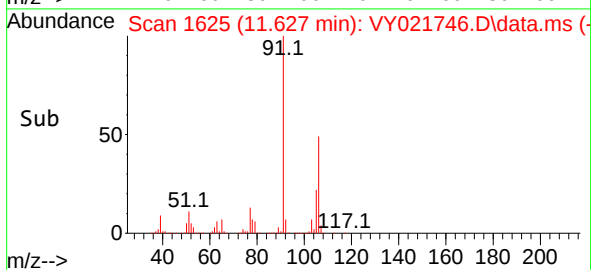
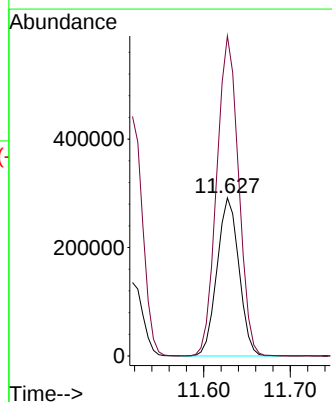
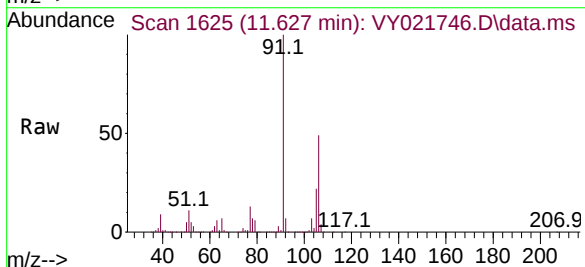
Acq: 01 Apr 2025 17:01

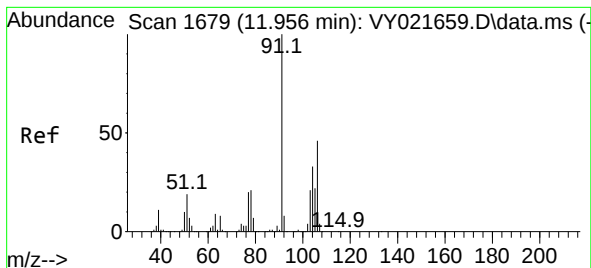
Tgt Ion:106 Resp: 511611

Ion Ratio Lower Upper

106 100

91 202.7 162.4 243.6

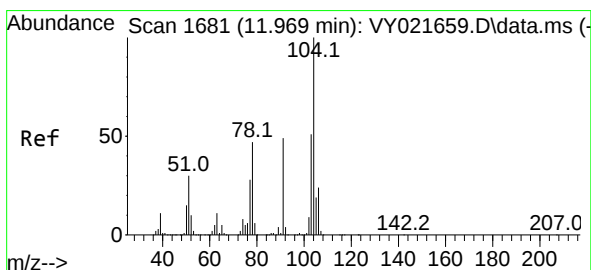
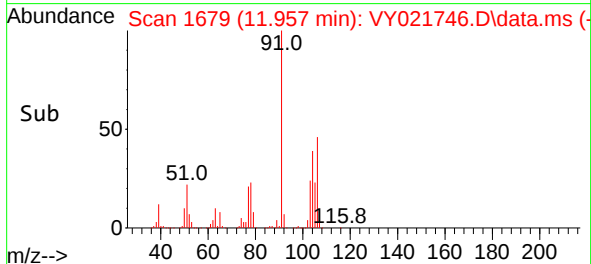
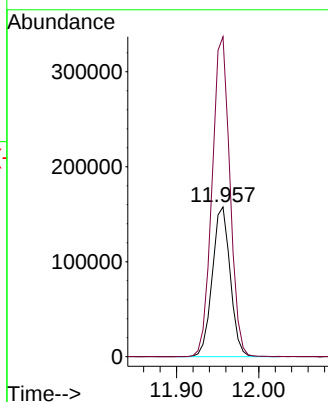
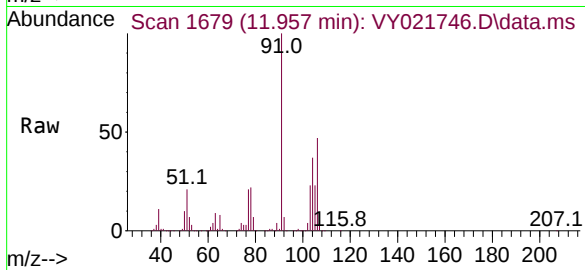




#69
o-Xylene
Concen: 54.577 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

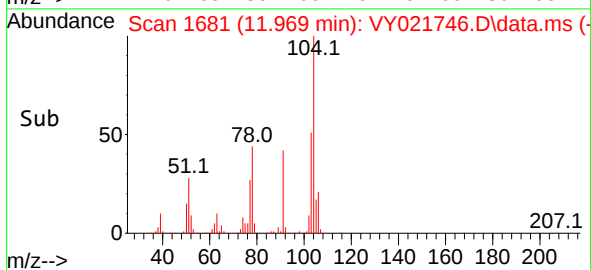
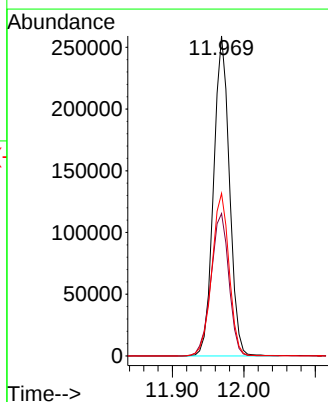
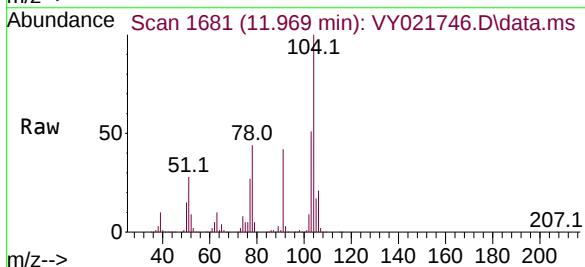
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 238442
Ion Ratio Lower Upper
106 100
91 213.0 106.7 319.9



#70
Styrene
Concen: 54.814 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion:104 Resp: 399289
Ion Ratio Lower Upper
104 100
78 50.2 40.8 61.2
103 55.0 44.2 66.2





#71

Bromoform

Concen: 51.635 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

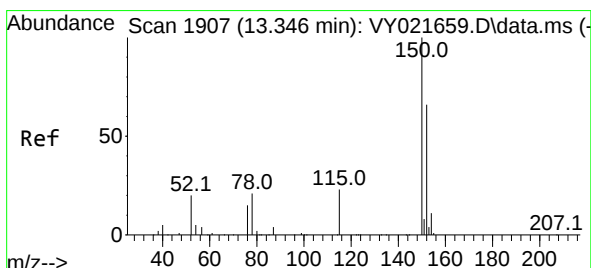
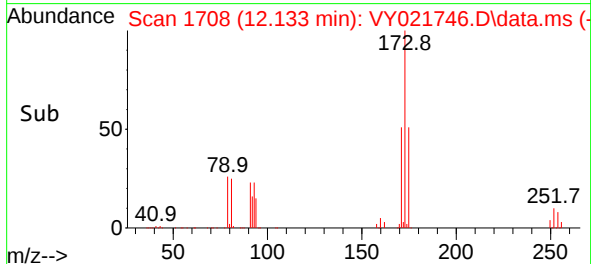
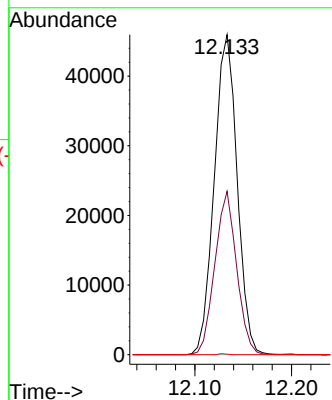
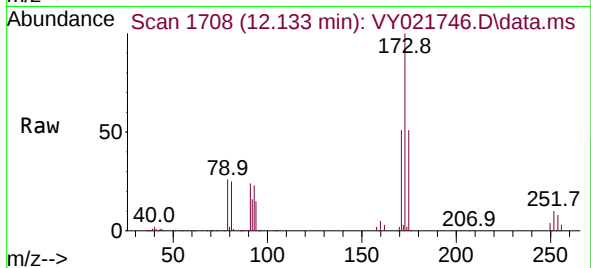
Tgt Ion:173 Resp: 75323

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

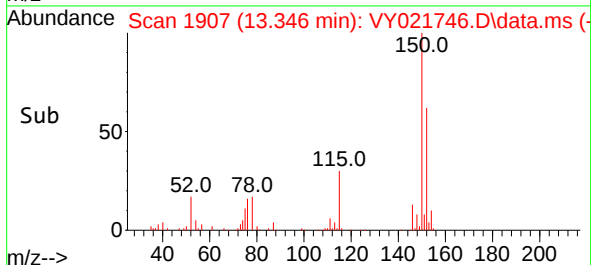
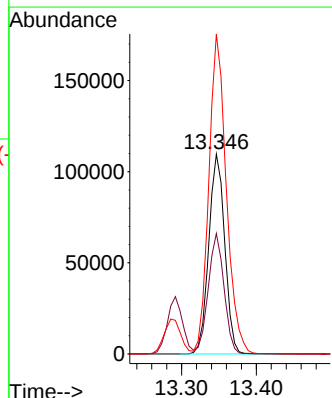
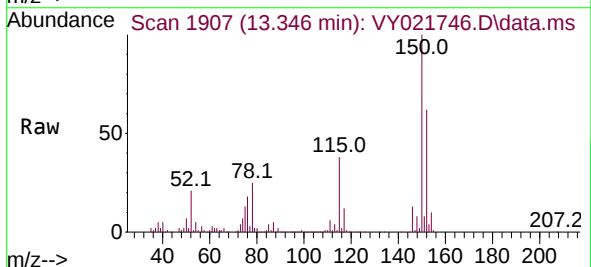
Tgt Ion:152 Resp: 162572

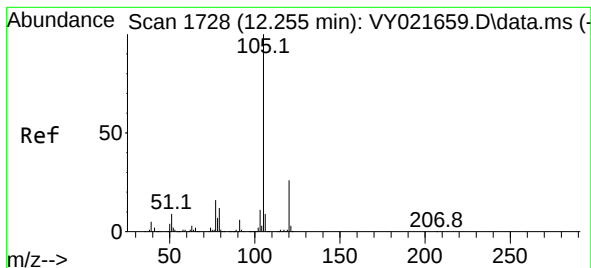
Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 175.0 0.0 348.4





#73

Isopropylbenzene

Concen: 51.840 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

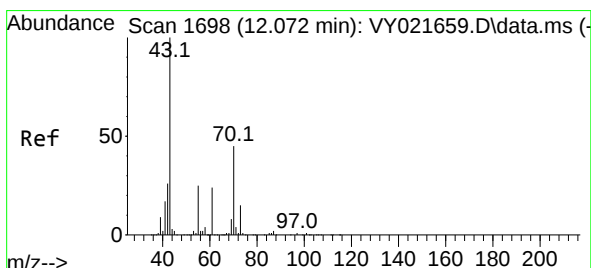
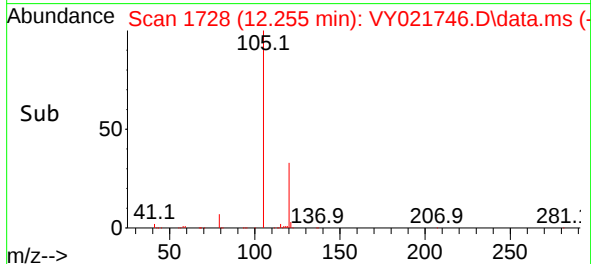
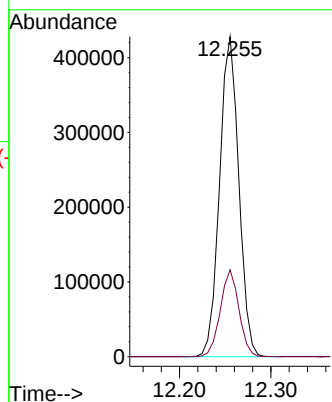
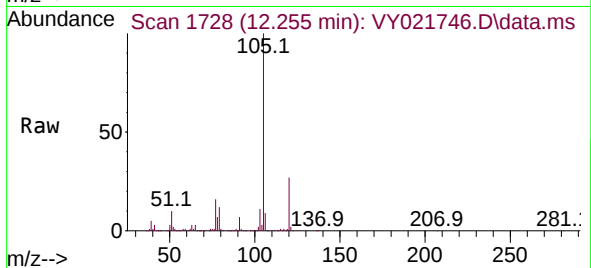
VSTDCCC050EC

Tgt Ion:105 Resp: 625955

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 48.977 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Tgt Ion: 43 Resp: 138793

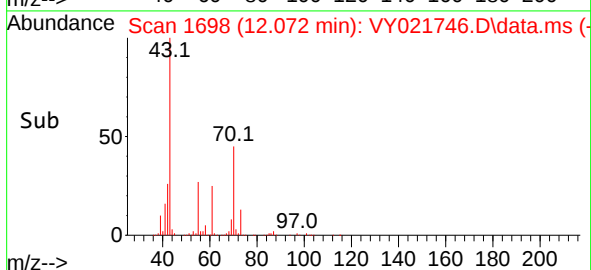
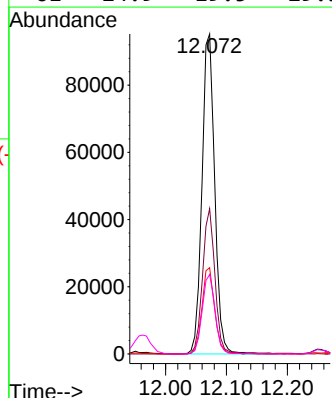
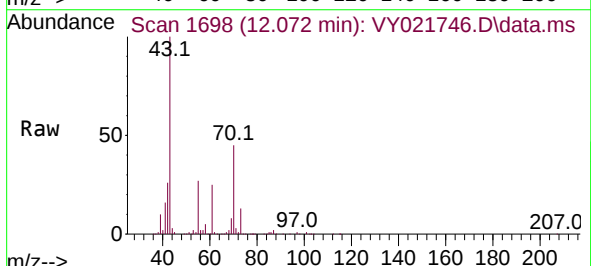
Ion Ratio Lower Upper

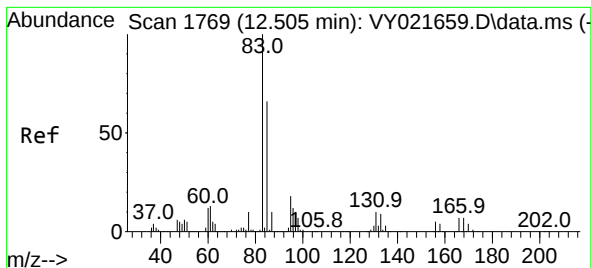
43 100

70 43.9 34.7 52.1

55 27.0 21.2 31.8

61 24.9 19.5 29.3

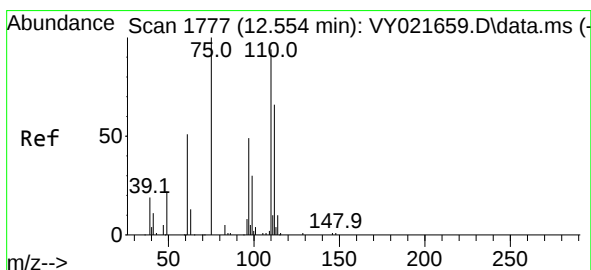
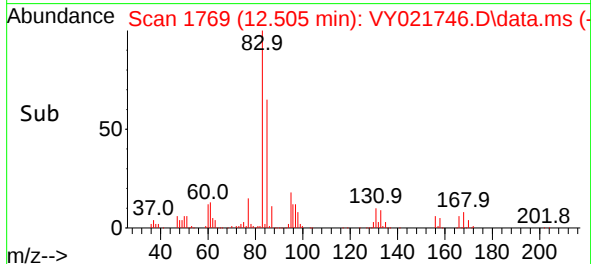
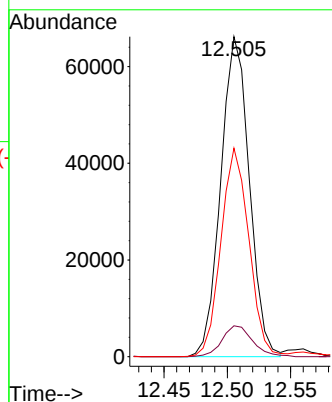
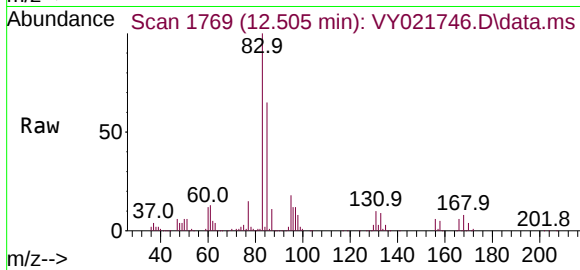




#75
1,1,2-Tetrachloroethane
Concen: 47.871 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

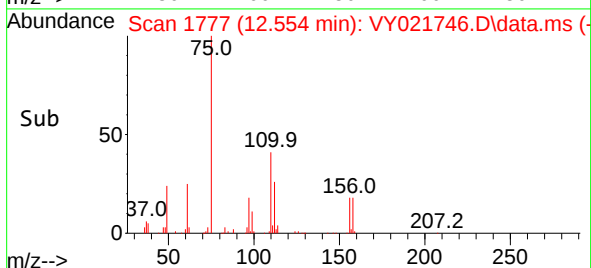
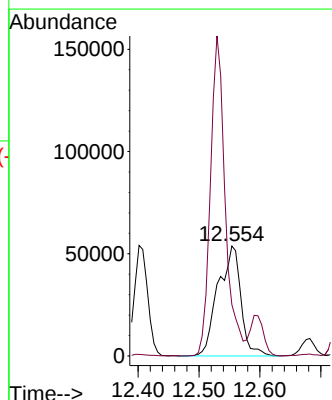
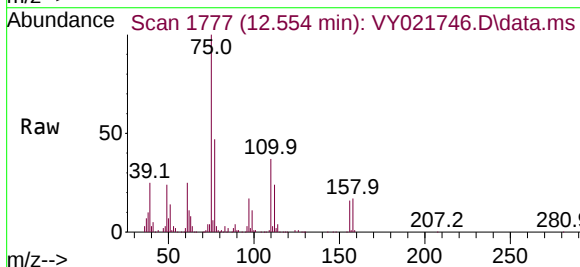
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

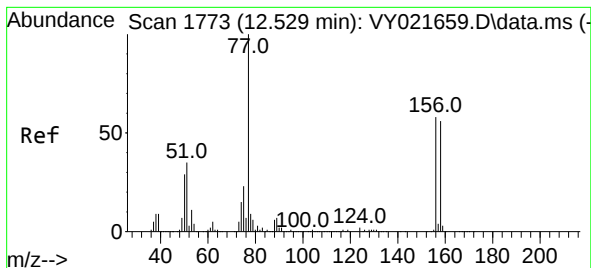
Tgt Ion: 83 Resp: 103924
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 87.120 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 75 Resp: 140395
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.159 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

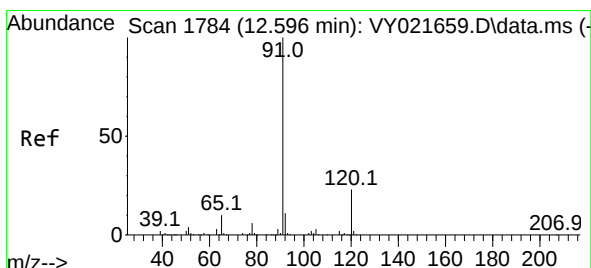
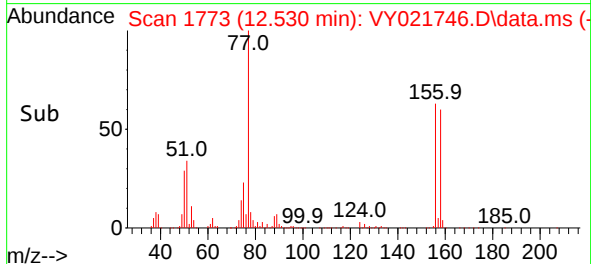
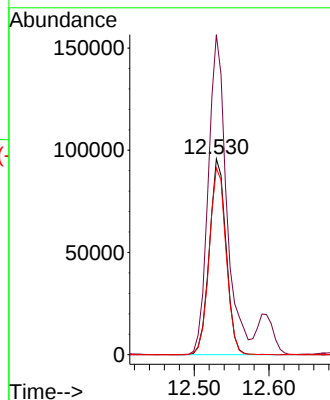
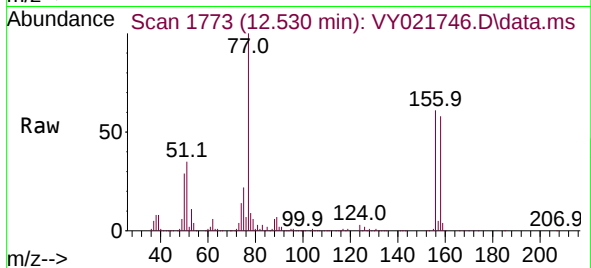
Tgt Ion:156 Resp: 148319

Ion Ratio Lower Upper

156 100

77 178.6 92.8 278.3

158 96.6 48.5 145.6



#78

n-propylbenzene

Concen: 52.614 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021746.D

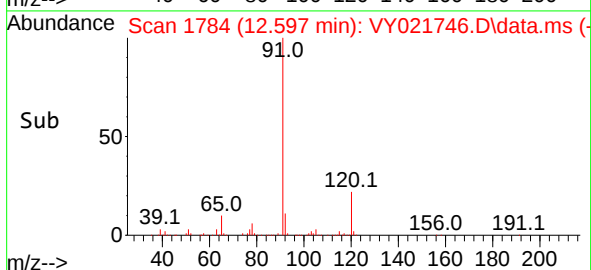
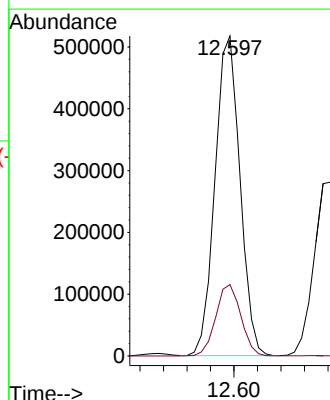
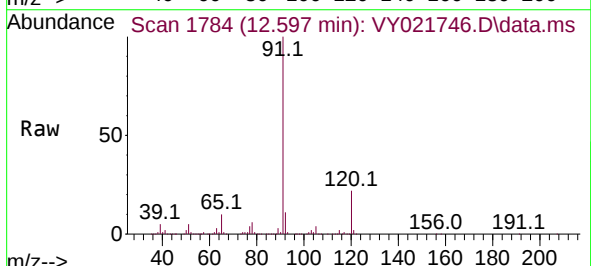
Acq: 01 Apr 2025 17:01

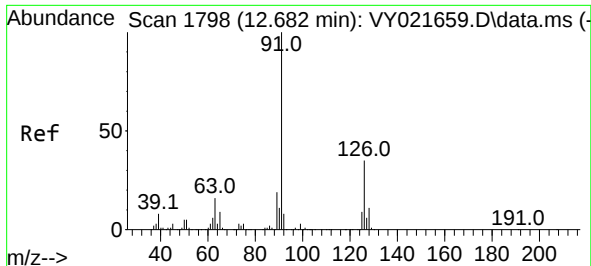
Tgt Ion: 91 Resp: 763789

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

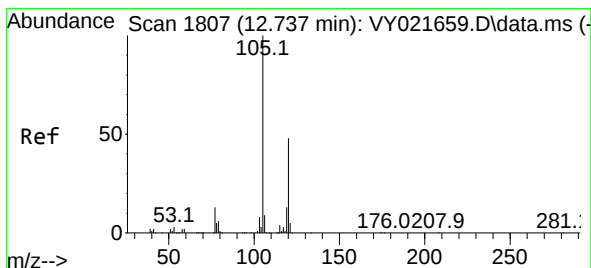
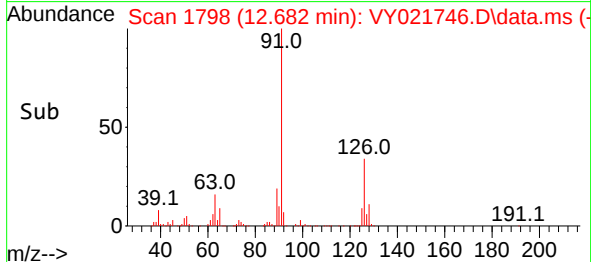
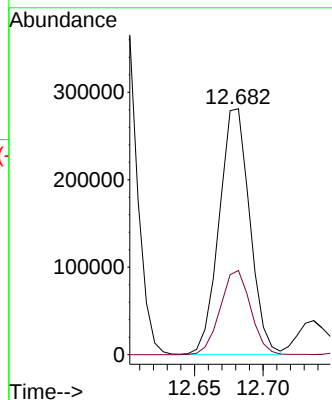
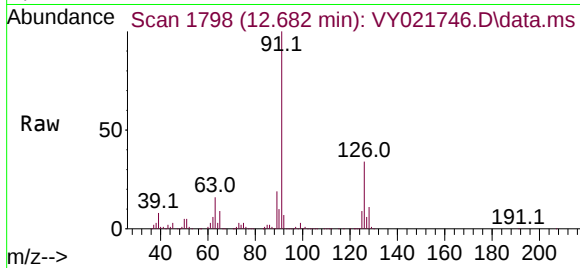




#79
2-Chlorotoluene
Concen: 51.847 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

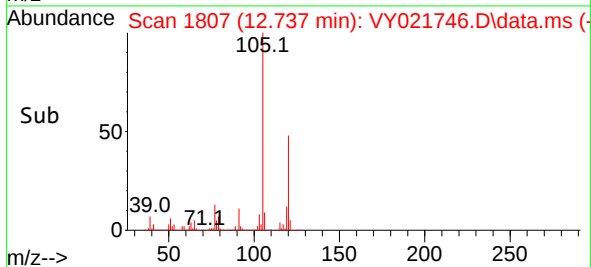
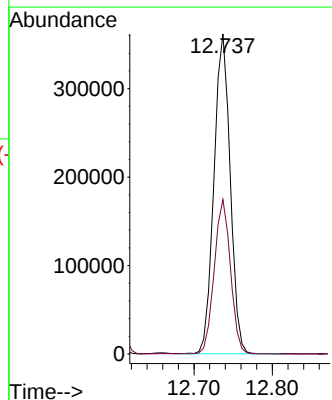
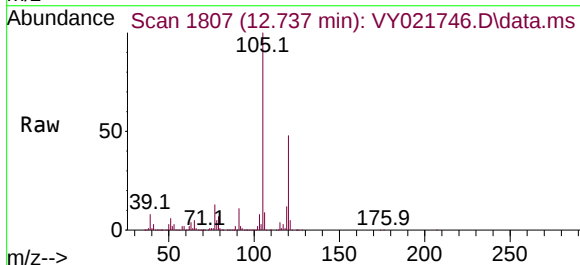
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

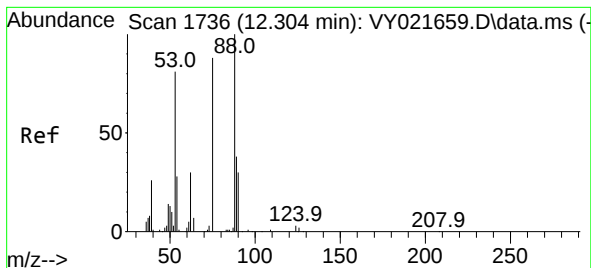
Tgt Ion: 91 Resp: 437155
Ion Ratio Lower Upper
91 100
126 34.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 52.858 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 105 Resp: 521642
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5

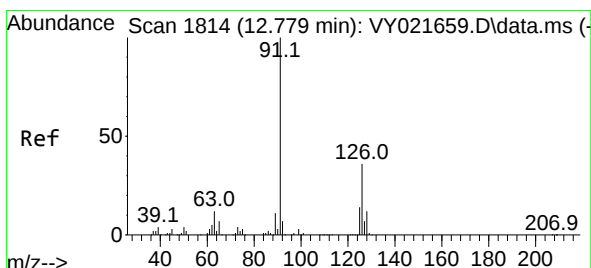
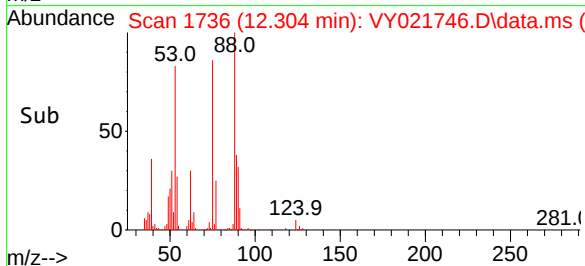
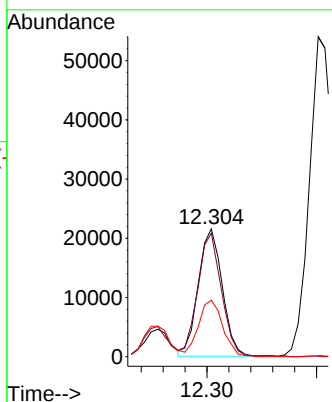
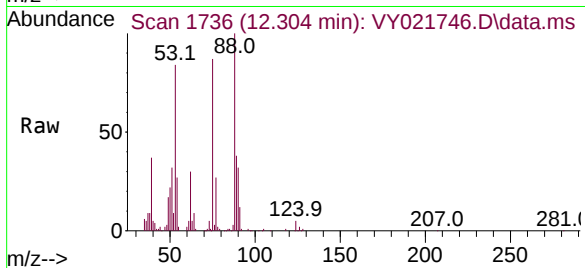




#81
trans-1,4-Dichloro-2-butene
Concen: 46.841 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

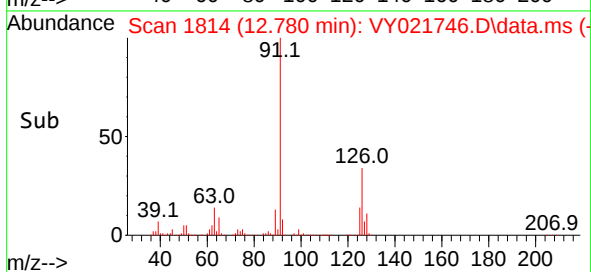
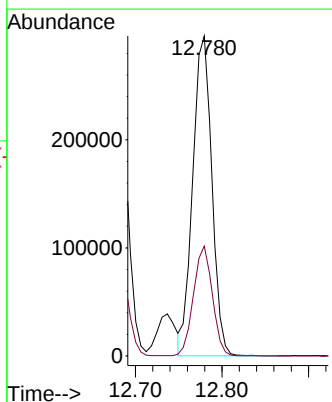
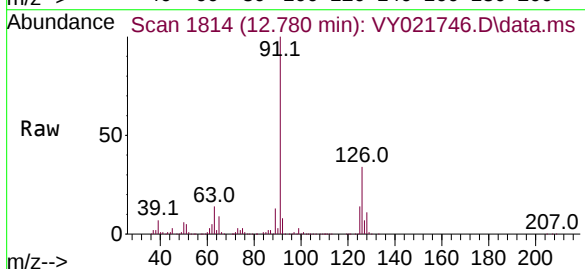
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

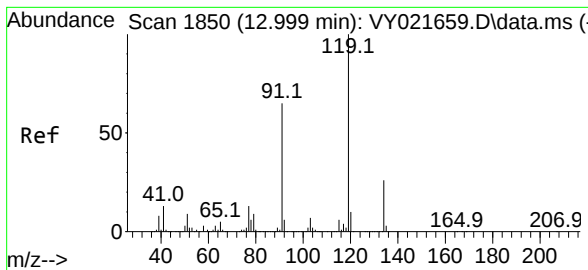
Tgt Ion: 75 Resp: 32760
Ion Ratio Lower Upper
75 100
53 94.7 76.1 114.1
89 44.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 51.600 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021746.D
Acq: 01 Apr 2025 17:01

Tgt Ion: 91 Resp: 453581
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

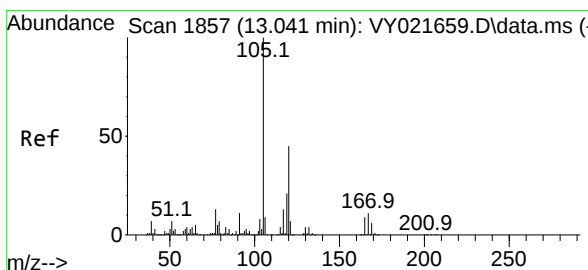
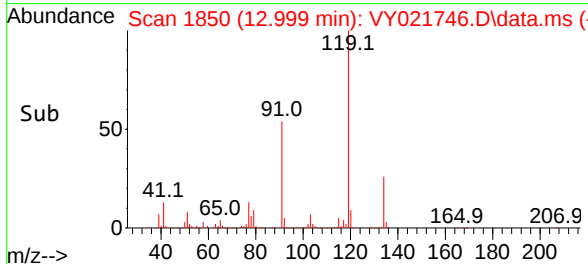
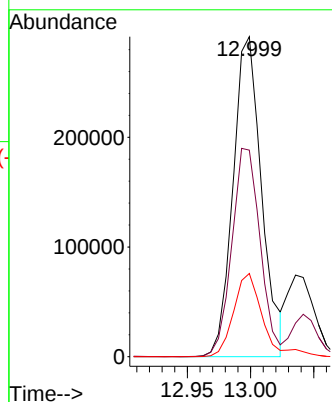
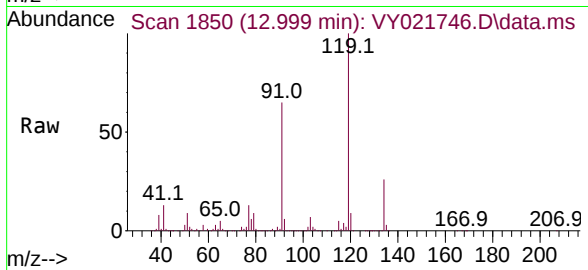




#83
 tert-Butylbenzene
 Concen: 52.129 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

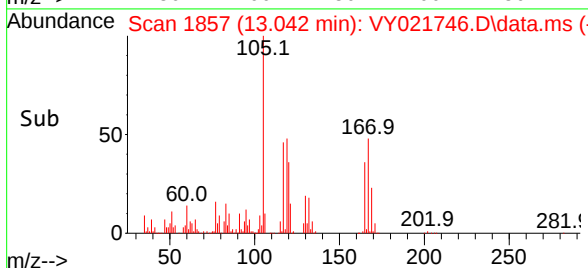
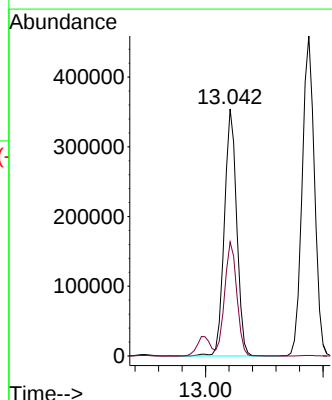
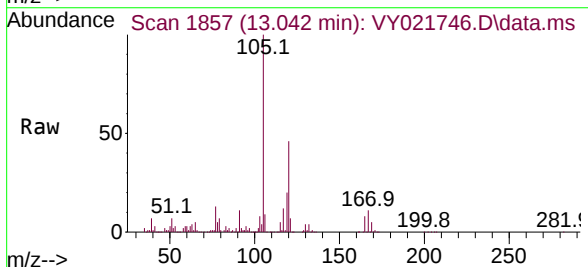
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

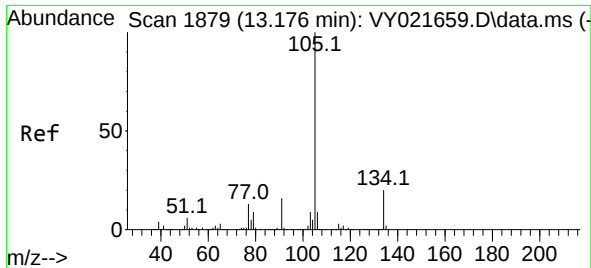
Tgt Ion:119 Resp: 458216
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.6 97.7
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.919 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion:105 Resp: 516157
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1

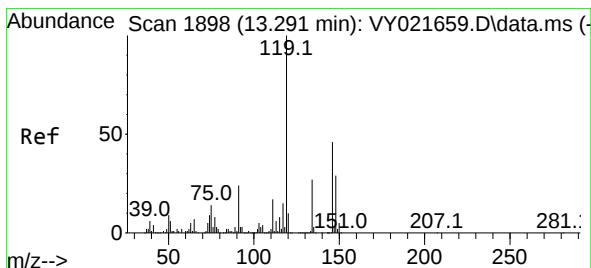
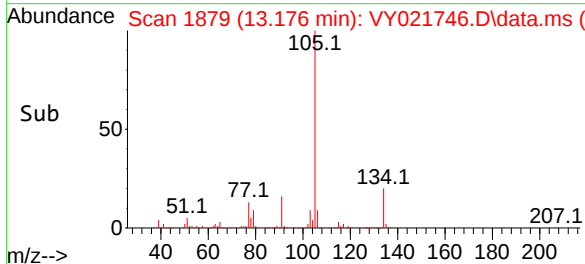
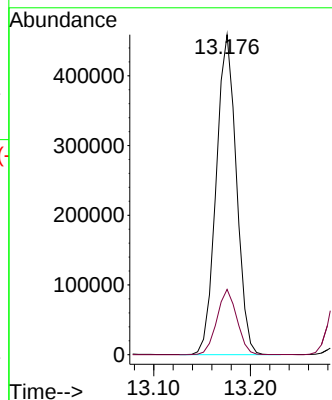
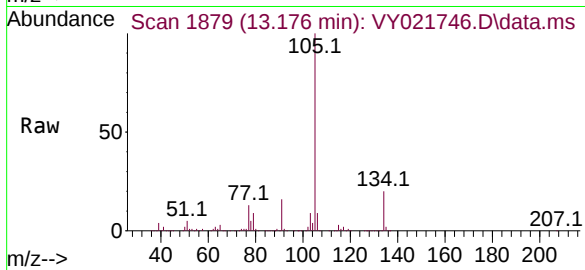




#85
 sec-Butylbenzene
 Concen: 51.695 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

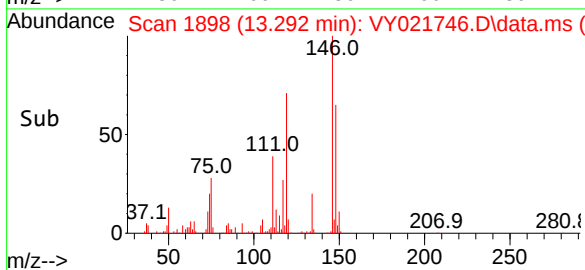
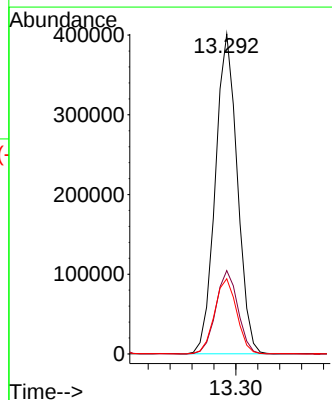
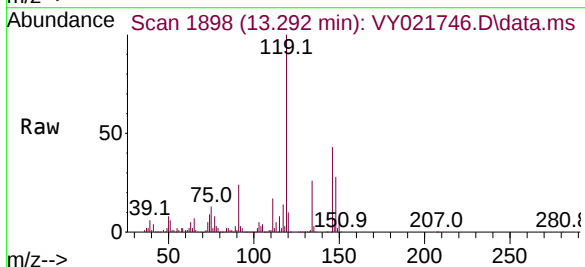
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

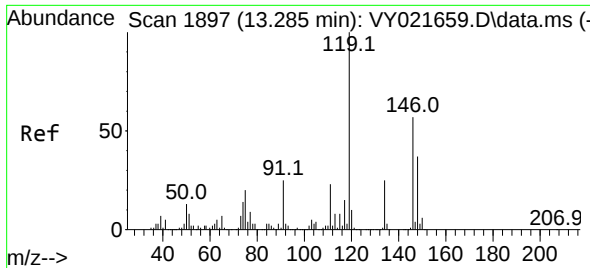
Tgt Ion:105 Resp: 664052
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.594 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion:119 Resp: 558389
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.7 12.0 36.0

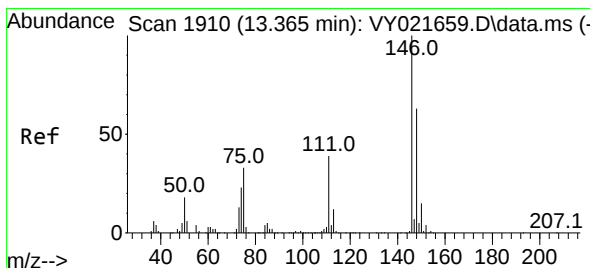
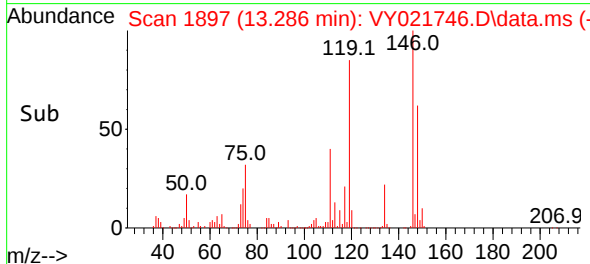
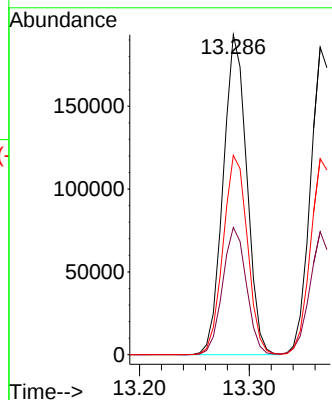
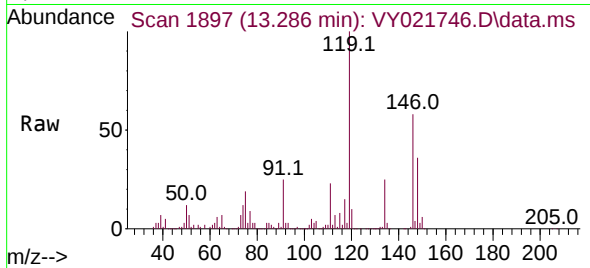




#87
 1,3-Dichlorobenzene
 Concen: 50.643 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

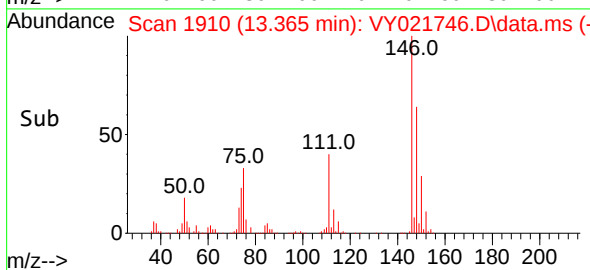
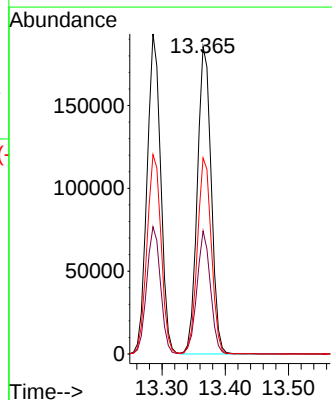
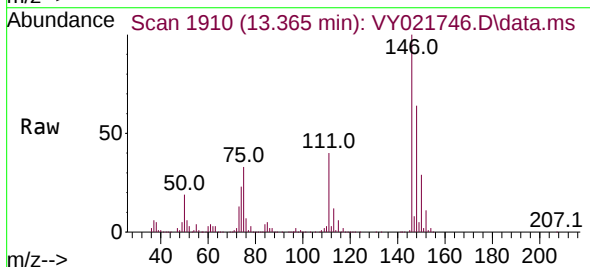
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 289265
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.265 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021746.D
 Acq: 01 Apr 2025 17:01

Tgt Ion:146 Resp: 283662
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.1
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 51.820 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

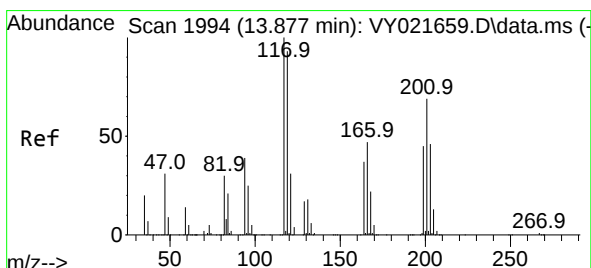
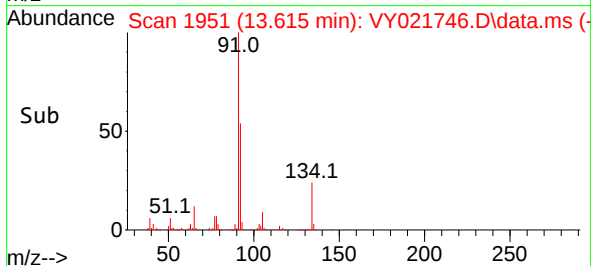
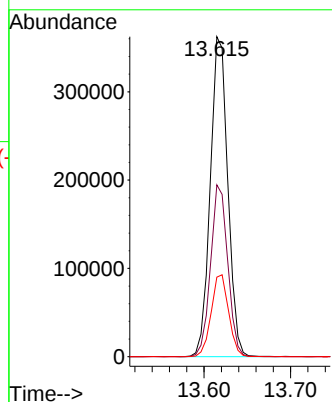
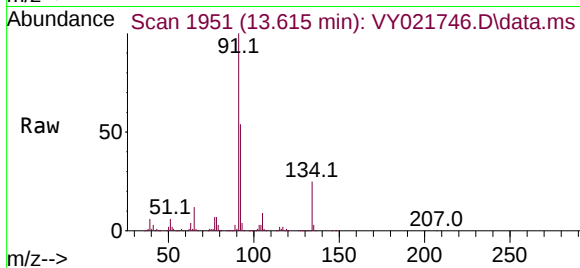
Tgt Ion: 91 Resp: 508810

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 50.553 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021746.D

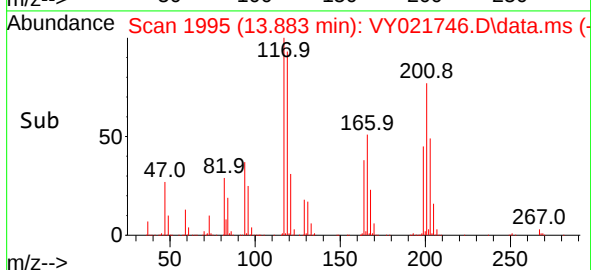
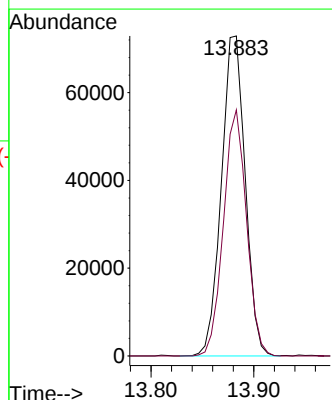
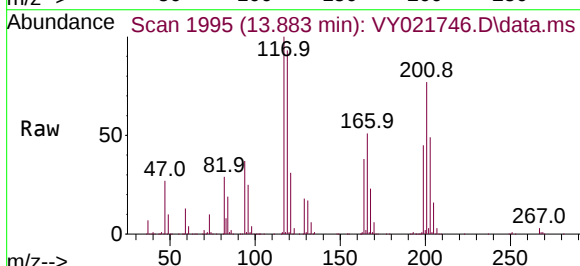
Acq: 01 Apr 2025 17:01

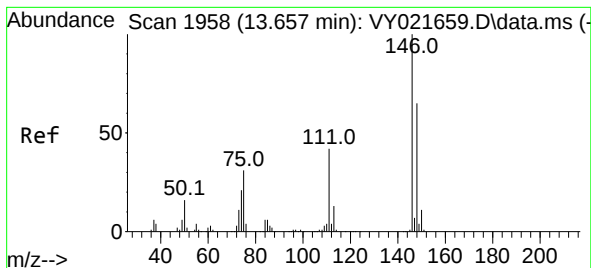
Tgt Ion: 117 Resp: 117615

Ion Ratio Lower Upper

117 100

201 74.3 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 50.734 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

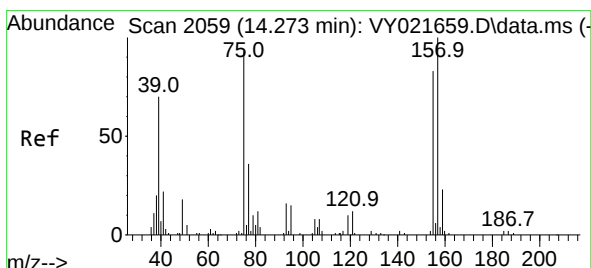
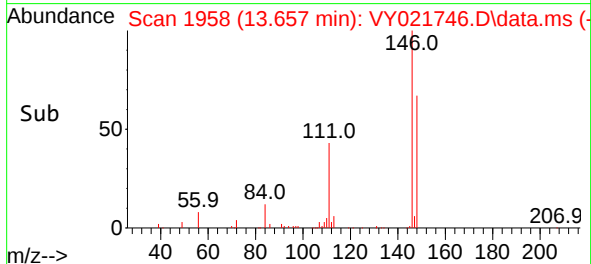
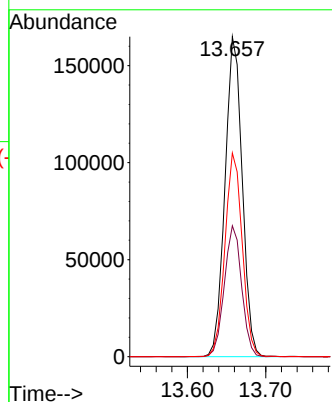
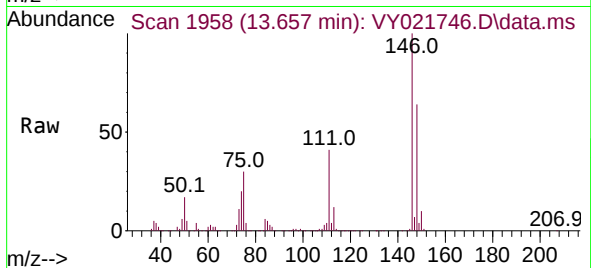
Tgt Ion:146 Resp: 252261

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

148 63.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.745 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

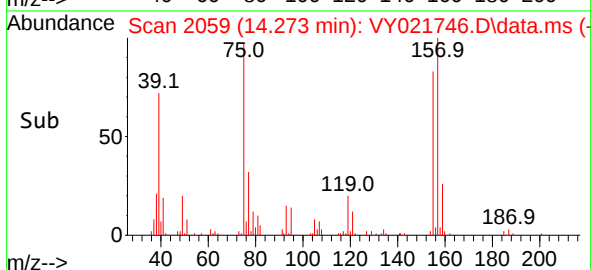
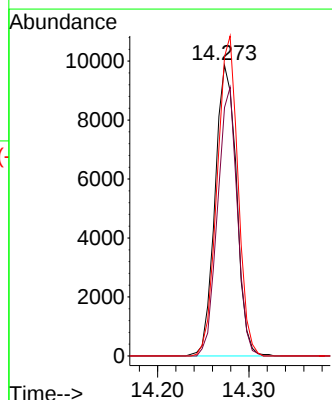
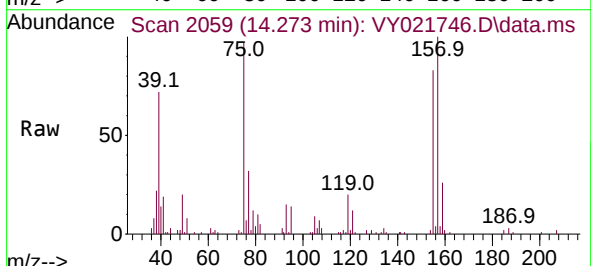
Tgt Ion: 75 Resp: 16065

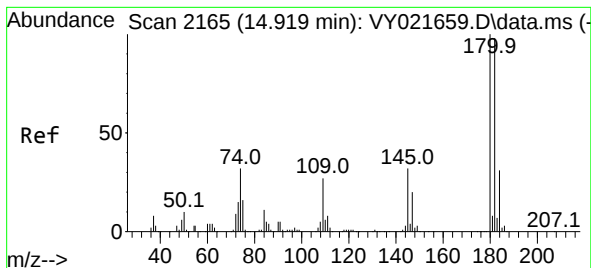
Ion Ratio Lower Upper

75 100

155 84.6 43.0 128.8

157 106.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.771 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

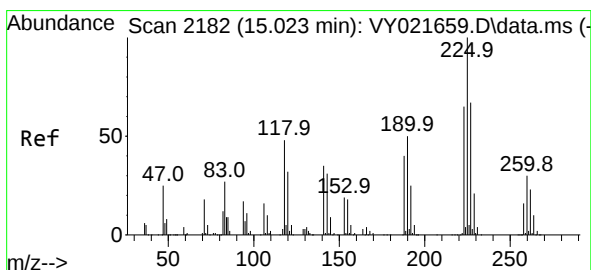
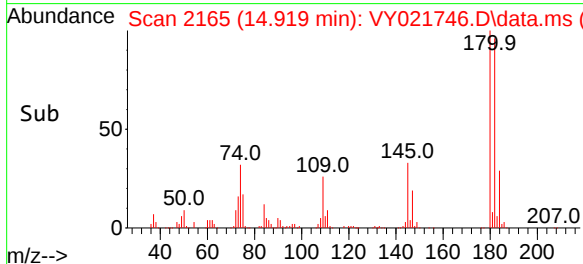
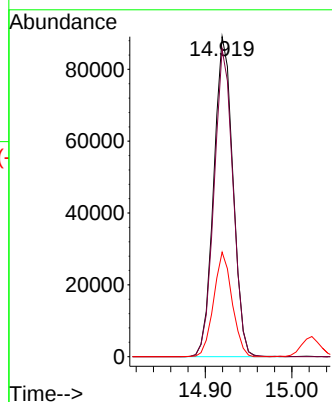
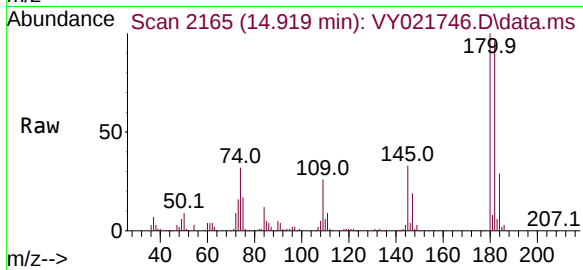
Tgt Ion:180 Resp: 136901

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 31.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 49.684 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

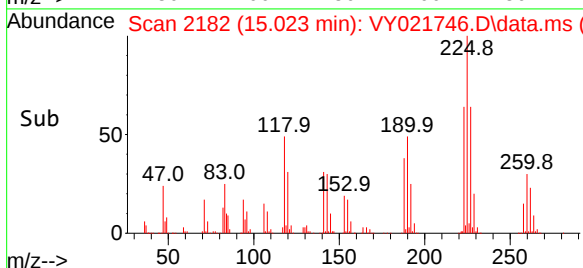
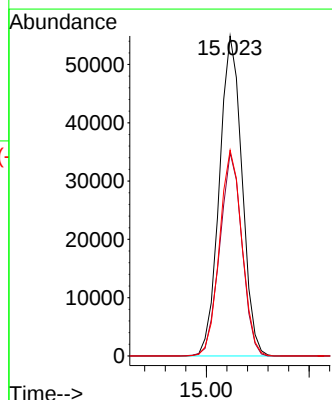
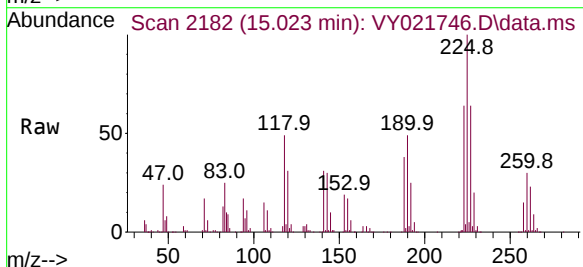
Tgt Ion:225 Resp: 83668

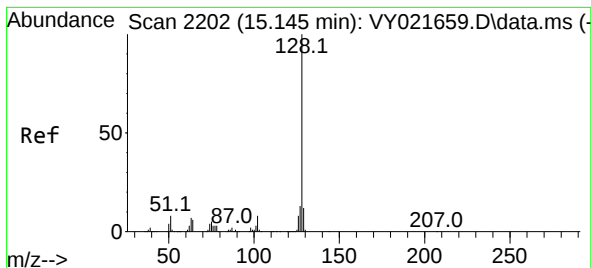
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.7

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 50.715 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

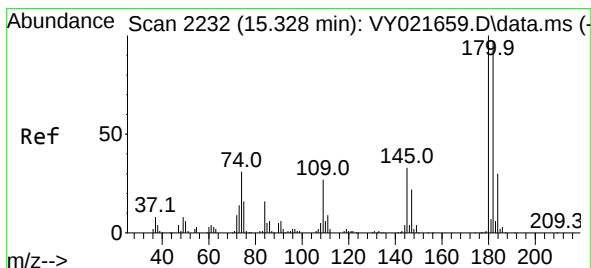
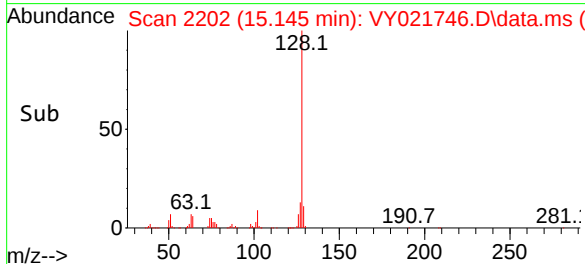
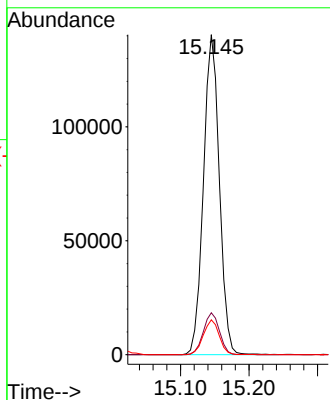
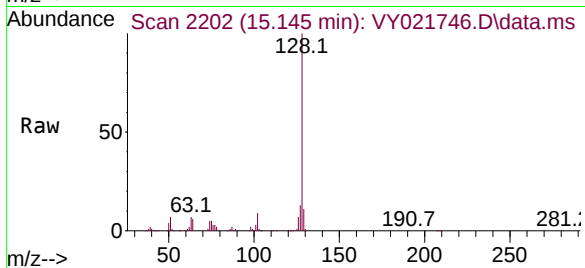
Tgt Ion:128 Resp: 226667

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.143 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021746.D

Acq: 01 Apr 2025 17:01

Tgt Ion:180 Resp: 117597

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 32.0 15.9 47.7

