

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022776.D
 Acq On : 23 Jun 2025 13:38
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 24 02:49:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	475810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	805517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	670807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	304230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27016	5.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.180%#
35) Dibromofluoromethane	7.634	113	24664	5.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.060%#
50) Toluene-d8	10.103	98	95214	4.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.800%#
62) 4-Bromofluorobenzene	12.402	95	29609	4.738	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.480%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	20158	4.954	ug/l	98
3) Chloromethane	2.068	50	39810	5.124	ug/l	97
4) Vinyl Chloride	2.202	62	44450	4.579	ug/l	98
5) Bromomethane	2.598	94	37327	4.892	ug/l	95
6) Chloroethane	2.732	64	30869	4.731	ug/l	99
7) Trichlorofluoromethane	3.056	101	47536	4.423	ug/l	99
8) Diethyl Ether	3.458	74	12389	4.667	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	24158	4.919	ug/l	98
10) Methyl Iodide	4.001	142	21456	4.012	ug/l	99
11) Tert butyl alcohol	4.866	59	8018	22.707	ug/l	96
12) 1,1-Dichloroethene	3.787	96	22737	4.721	ug/l	98
13) Acrolein	3.653	56	12383	25.861	ug/l	94
14) Allyl chloride	4.379	41	32705	4.415	ug/l	99
15) Acrylonitrile	5.061	53	24866	22.452	ug/l	99
16) Acetone	3.873	43	27862	27.758	ug/l	97
17) Carbon Disulfide	4.104	76	72112	4.635	ug/l	100
18) Methyl Acetate	4.385	43	12955	3.897	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	55836	4.258	ug/l	100
20) Methylene Chloride	4.616	84	39953	6.303	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	24796	4.505	ug/l	84
22) Diisopropyl ether	6.012	45	69481	4.223	ug/l #	86
23) Vinyl Acetate	5.958	43	197369	21.723	ug/l	99
24) 1,1-Dichloroethane	5.909	63	45142	4.543	ug/l	99
25) 2-Butanone	6.902	43	34396	23.545	ug/l	93
26) 2,2-Dichloropropane	6.884	77	38104	4.574	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	28846	4.510	ug/l	96
28) Bromochloromethane	7.244	49	20781	4.974	ug/l	99
29) Tetrahydrofuran	7.262	42	20593	22.324	ug/l	96
30) Chloroform	7.421	83	46913	4.584	ug/l	97
31) Cyclohexane	7.701	56	47489	5.206	ug/l #	78
32) 1,1,1-Trichloroethane	7.616	97	40296	4.556	ug/l	99
36) 1,1-Dichloropropene	7.829	75	33812	4.554	ug/l	100
37) Ethyl Acetate	6.988	43	14555	4.543	ug/l	98
38) Carbon Tetrachloride	7.823	117	35332	4.510	ug/l	99
39) Methylcyclohexane	9.109	83	43762	4.554	ug/l	96
40) Benzene	8.079	78	100522	4.403	ug/l	96

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	7280	3.601	ug/l #	90
42) 1,2-Dichloroethane	8.152	62	27003	4.316	ug/l	97
43) Isopropyl Acetate	8.201	43	28001	4.205	ug/l	99
44) Trichloroethene	8.866	130	24585	4.289	ug/l	95
45) 1,2-Dichloropropane	9.140	63	23279	4.357	ug/l	95
46) Dibromomethane	9.231	93	13652	4.501	ug/l	96
47) Bromodichloromethane	9.420	83	34024	4.350	ug/l	97
48) Methyl methacrylate	9.219	41	12155	3.797	ug/l	98
49) 1,4-Dioxane	9.231	88	3000	83.716	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	67853	20.050	ug/l	96
52) Toluene	10.170	92	60162	4.177	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	28590	4.063	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	33149	4.063	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	16701	4.252	ug/l	93
56) Ethyl methacrylate	10.438	69	20761	3.929	ug/l	96
57) 1,3-Dichloropropane	10.713	76	29874	4.360	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	17827	21.672	ug/l	98
59) 2-Hexanone	10.755	43	46132	20.050	ug/l	96
60) Dibromochloromethane	10.908	129	20962	4.132	ug/l	99
61) 1,2-Dibromoethane	11.012	107	15579	4.239	ug/l	99
64) Tetrachloroethene	10.640	164	26784	4.227	ug/l	97
65) Chlorobenzene	11.438	112	65810	4.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	21097	4.226	ug/l	99
67) Ethyl Benzene	11.518	91	110258	4.257	ug/l	98
68) m/p-Xylenes	11.621	106	83728	8.364	ug/l	98
69) o-Xylene	11.950	106	38740	4.107	ug/l	98
70) Styrene	11.963	104	62104	3.930	ug/l	99
71) Bromoform	12.127	173	11959	4.302	ug/l #	99
73) Isopropylbenzene	12.249	105	102024	4.534	ug/l	99
74) N-amyl acetate	12.066	43	20685	4.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	18149	5.005	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	24353	7.602	ug/l #	100
77) Bromobenzene	12.530	156	23191	4.547	ug/l	98
78) n-propylbenzene	12.590	91	126153	4.644	ug/l	97
79) 2-Chlorotoluene	12.676	91	70735	4.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	81045	4.462	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	5453	4.436	ug/l	93
82) 4-Chlorotoluene	12.773	91	73344	4.549	ug/l	99
83) tert-Butylbenzene	12.993	119	73316	4.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	77619	4.268	ug/l	98
85) sec-Butylbenzene	13.170	105	110395	4.580	ug/l	99
86) p-Isopropyltoluene	13.285	119	87840	4.380	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	47028	4.591	ug/l	100
88) 1,4-Dichlorobenzene	13.359	146	47574	4.676	ug/l	92
89) n-Butylbenzene	13.615	91	85615	4.538	ug/l	99
90) Hexachloroethane	13.871	117	18815	4.710	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	42426	4.700	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3105	5.049	ug/l	90
93) 1,2,4-Trichlorobenzene	14.913	180	23654	4.641	ug/l	99
94) Hexachlorobutadiene	15.017	225	15690	5.444	ug/l	98
95) Naphthalene	15.139	128	37712	4.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20664	4.692	ug/l	99

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ALS Vial : 3 Sample Multiplier: 1

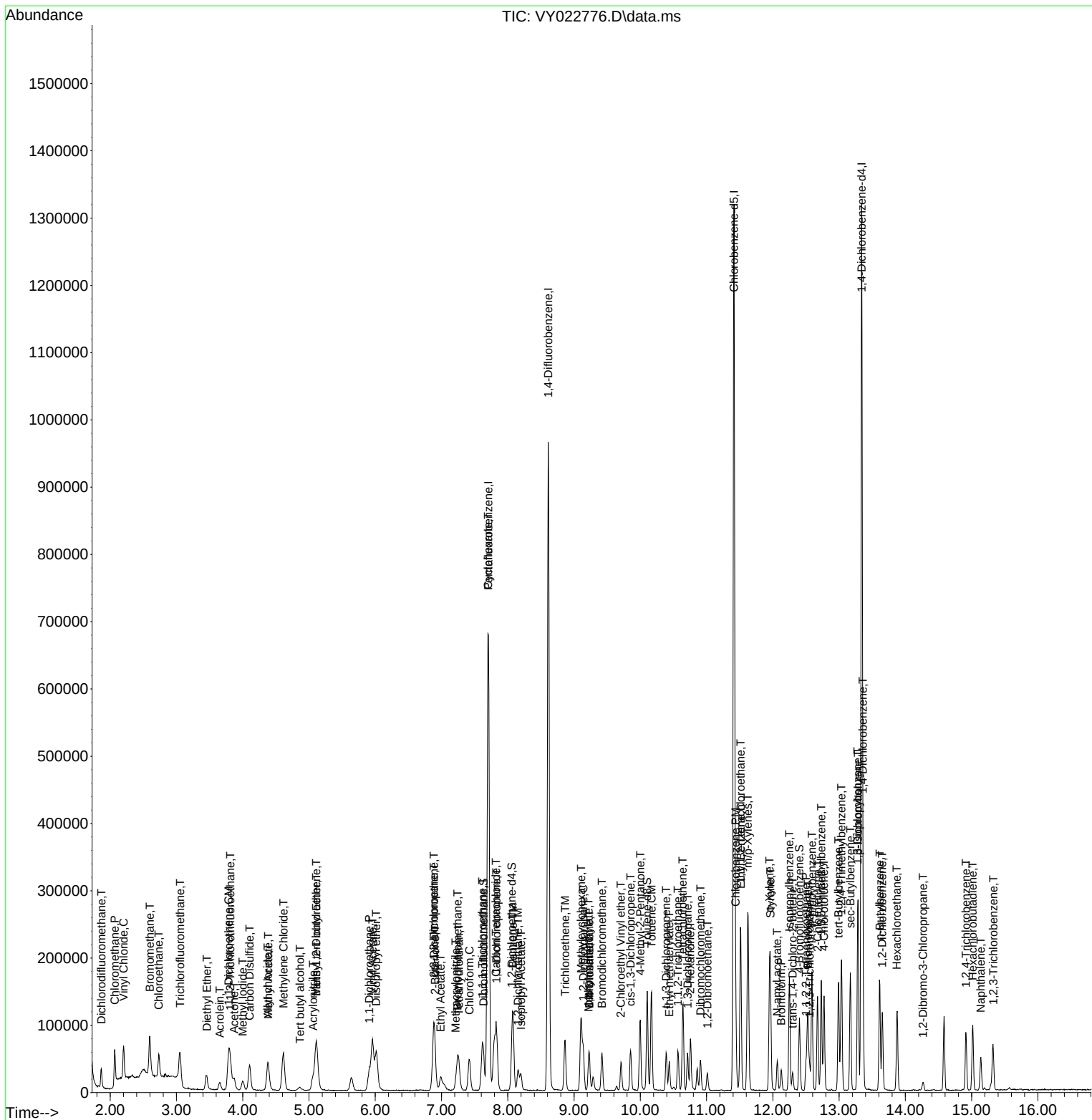
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MSVOA_Y
ClientSampleId :
VSTDICC005

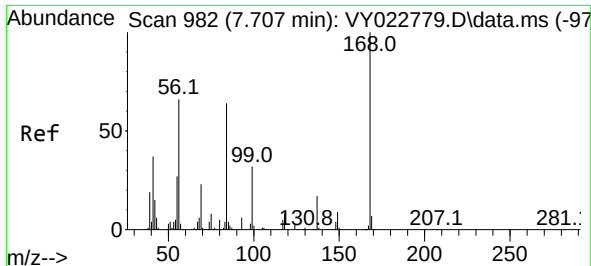
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Quant Title : SW846 8260
QLast Update : Tue Jun 24 02:48:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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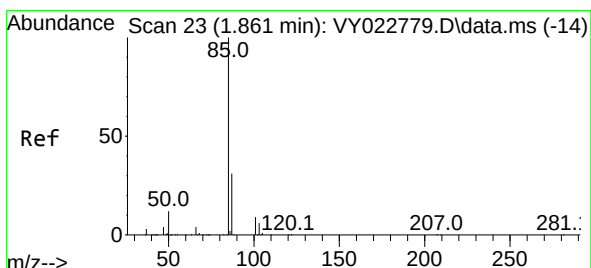
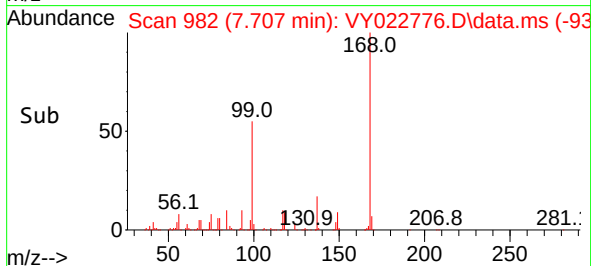
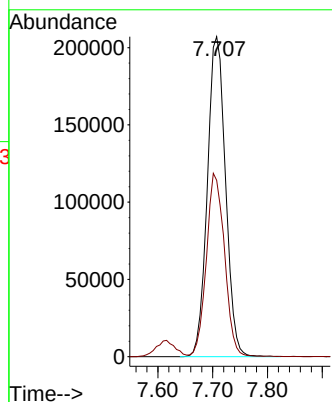
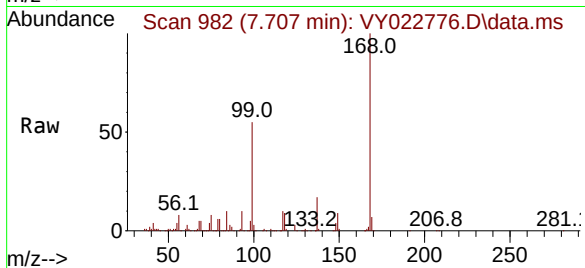




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

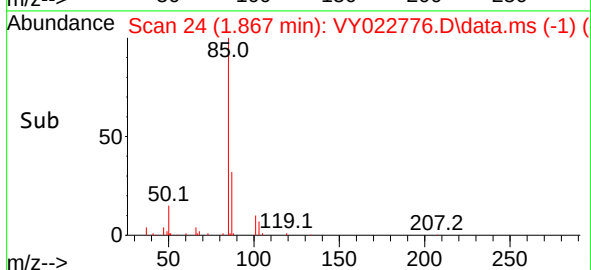
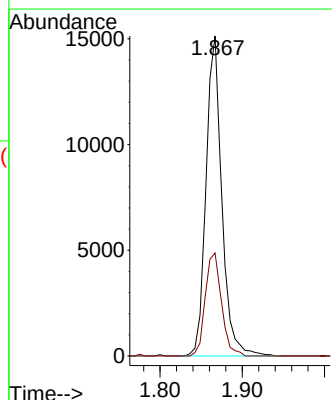
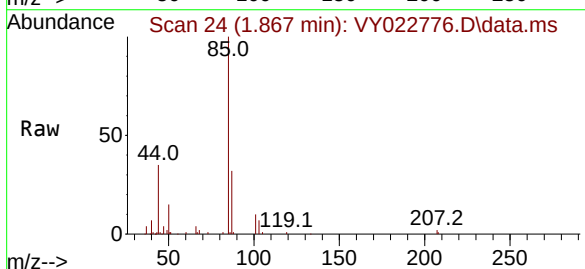
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

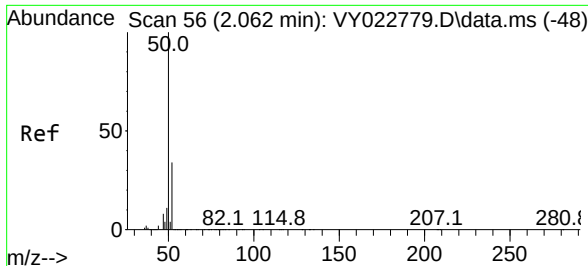
Tgt Ion:168 Resp: 475810
Ion Ratio Lower Upper
168 100
99 55.0 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 4.954 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 85 Resp: 20158
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7

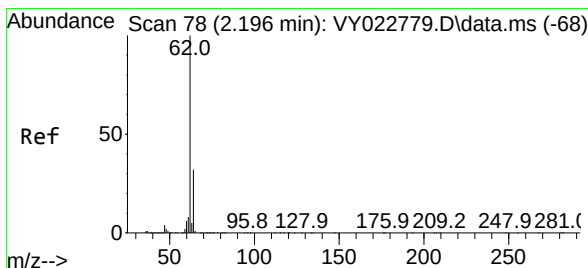
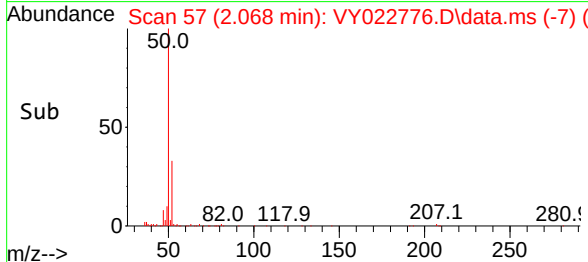
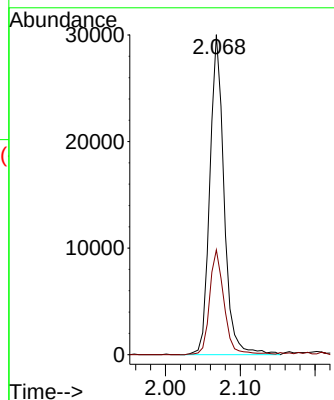
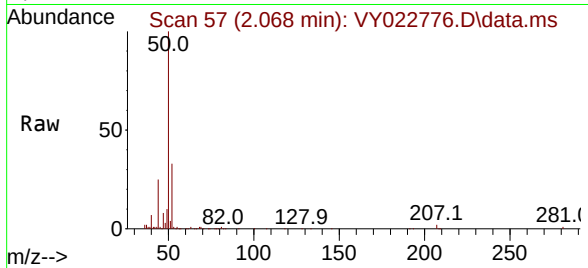




#3
Chloromethane
Concen: 5.124 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

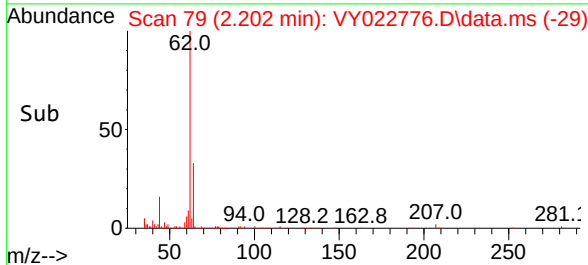
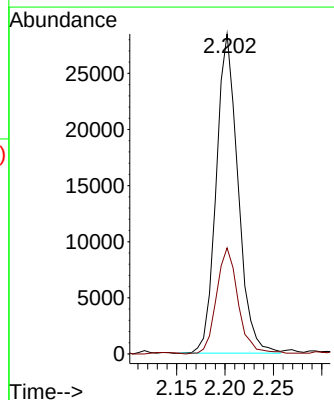
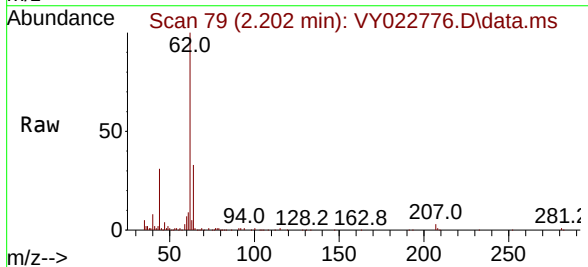
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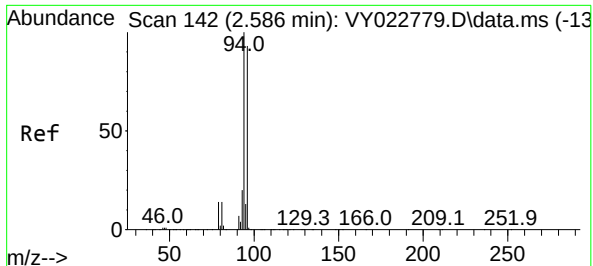
Tgt Ion: 50 Resp: 39810
Ion Ratio Lower Upper
50 100
52 32.7 27.5 41.3



#4
Vinyl Chloride
Concen: 4.579 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 62 Resp: 44450
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

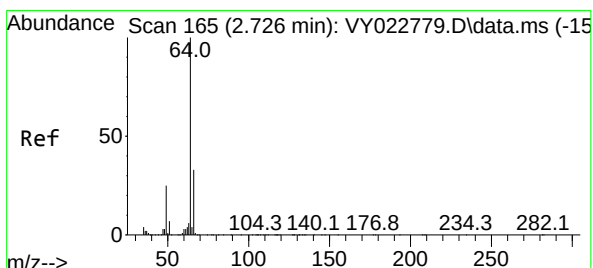
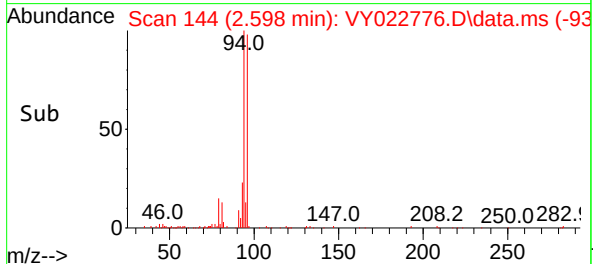
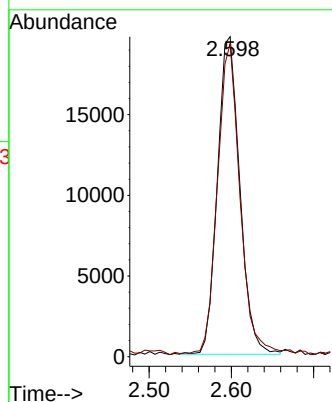
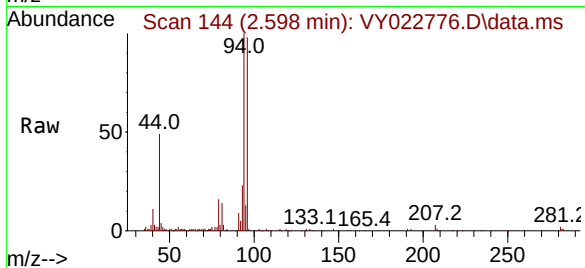




#5
Bromomethane
Concen: 4.892 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

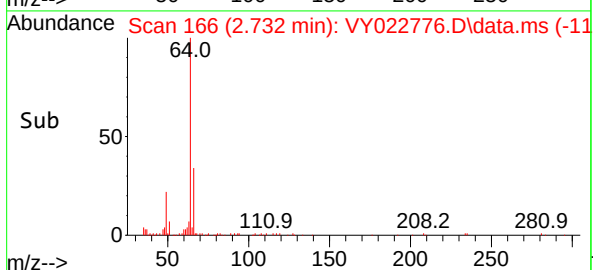
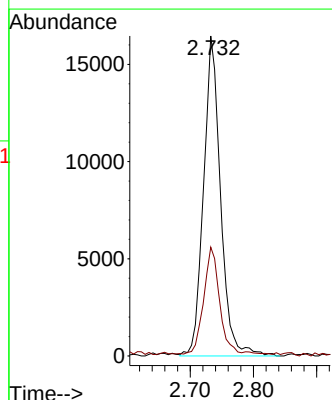
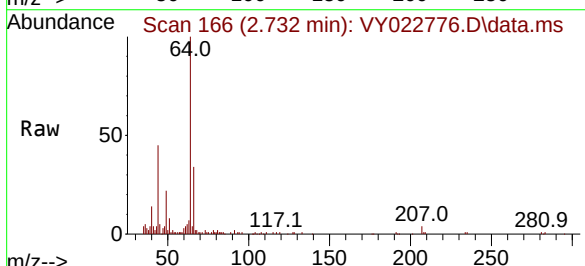
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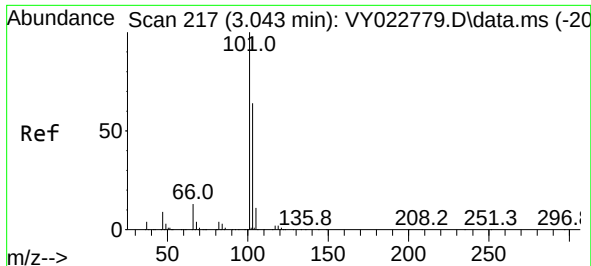
Tgt Ion: 94 Resp: 37327
Ion Ratio Lower Upper
94 100
96 97.5 74.3 111.5



#6
Chloroethane
Concen: 4.731 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 64 Resp: 30869
Ion Ratio Lower Upper
64 100
66 33.5 26.6 39.8

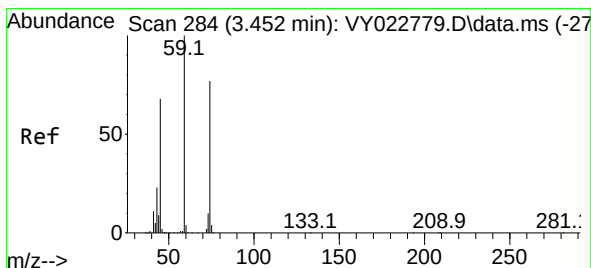
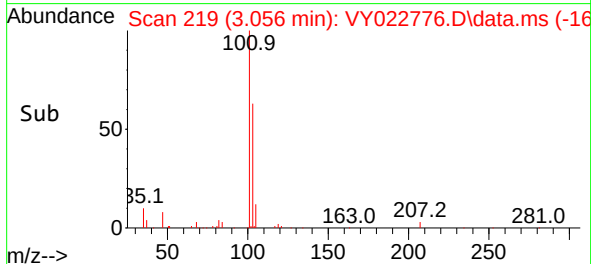
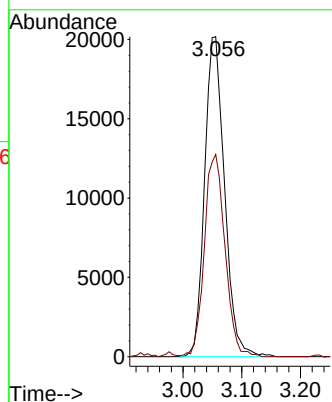
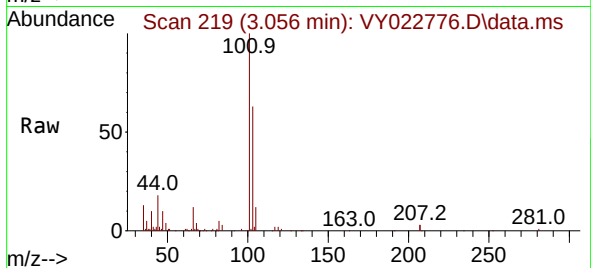




#7
Trichlorofluoromethane
Concen: 4.423 ug/l
RT: 3.056 min Scan# 217
Delta R.T. 0.012 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

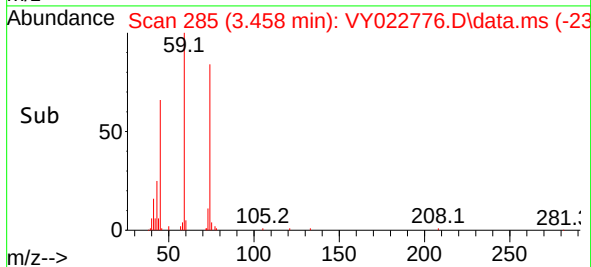
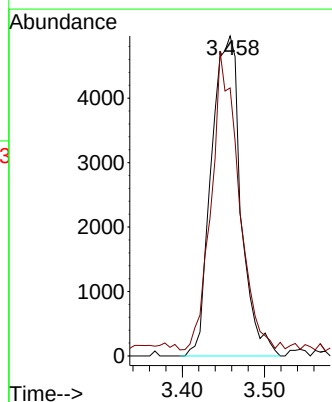
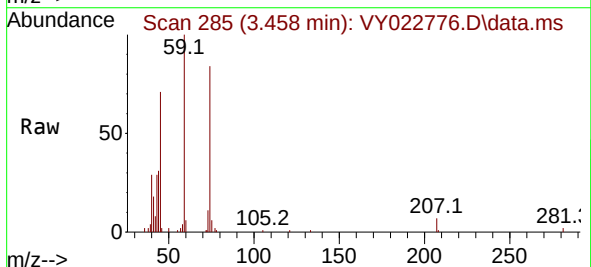
Instrument :
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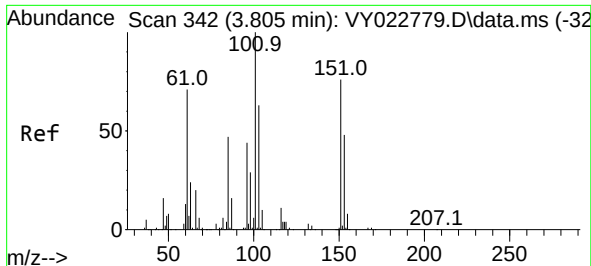
Tgt Ion:101 Resp: 47536
Ion Ratio Lower Upper
101 100
103 63.2 51.1 76.7



#8
Diethyl Ether
Concen: 4.667 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 74 Resp: 12389
Ion Ratio Lower Upper
74 100
45 86.6 45.0 134.8

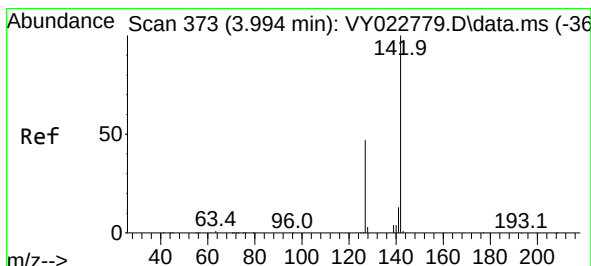
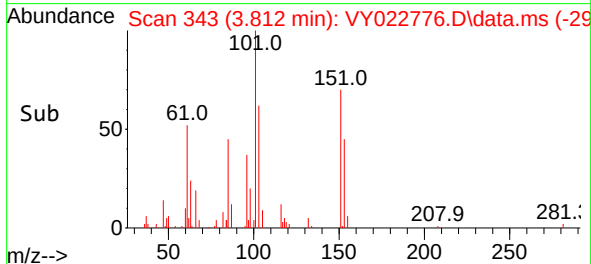
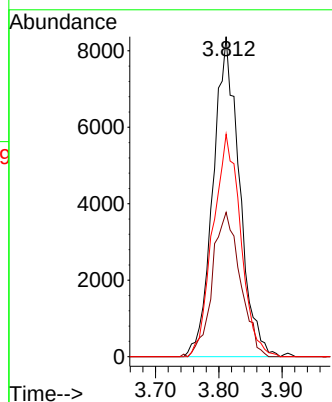
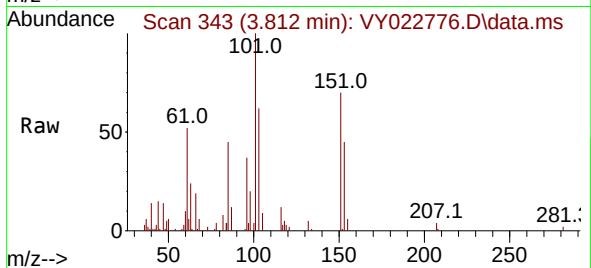




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.919 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022776.D
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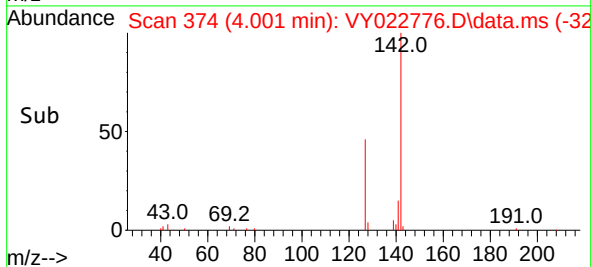
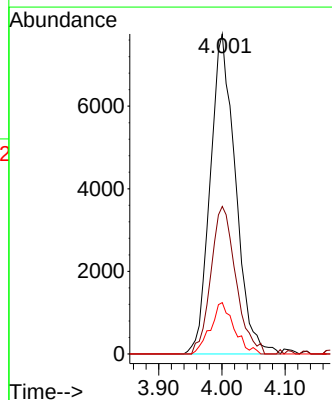
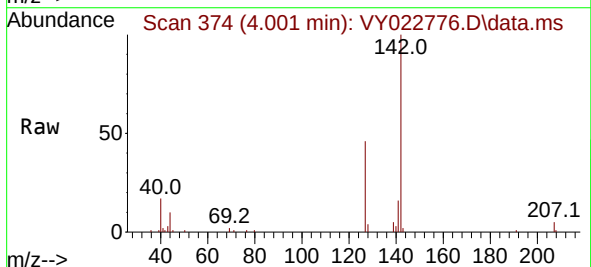
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

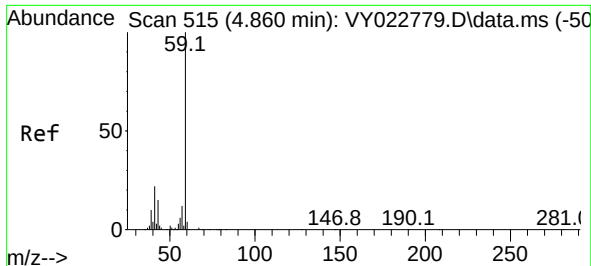
Tgt Ion:101 Resp: 24158
Ion Ratio Lower Upper
101 100
85 48.0 37.3 55.9
151 73.2 60.2 90.4



#10
Methyl Iodide
Concen: 4.012 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion:142 Resp: 21456
Ion Ratio Lower Upper
142 100
127 45.5 36.5 54.7
141 15.1 11.4 17.2

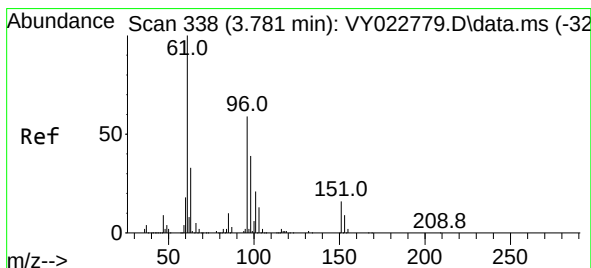
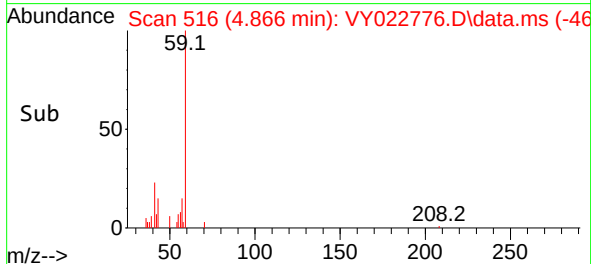
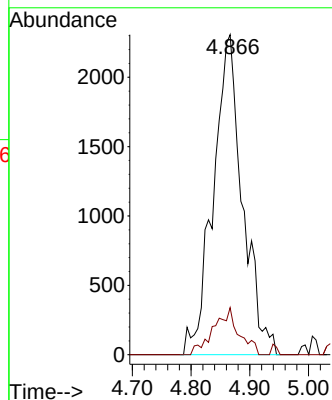
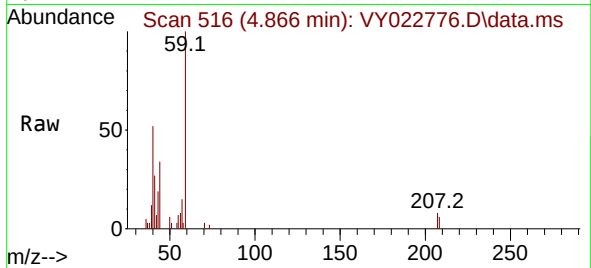




#11
Tert butyl alcohol
Concen: 22.707 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

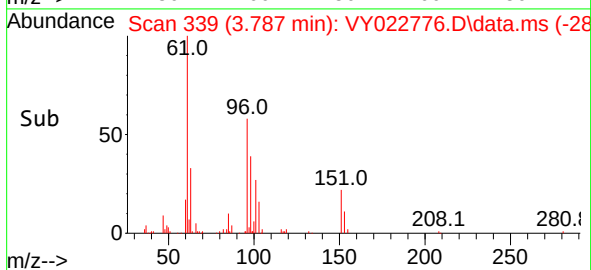
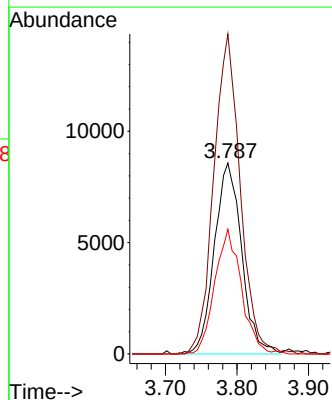
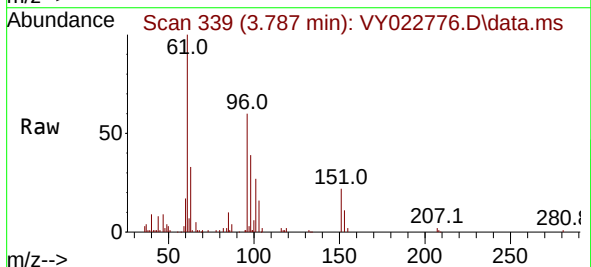
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

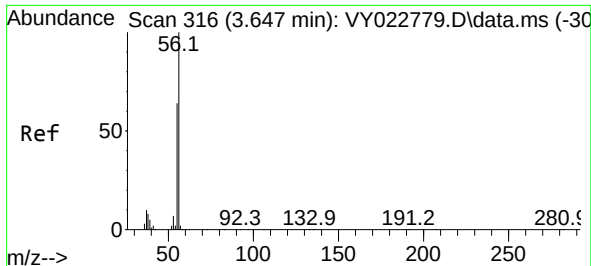
Tgt Ion: 59 Resp: 8018
Ion Ratio Lower Upper
59 100
57 12.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 4.721 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 96 Resp: 22737
Ion Ratio Lower Upper
96 100
61 167.0 135.8 203.6
98 65.3 53.0 79.4

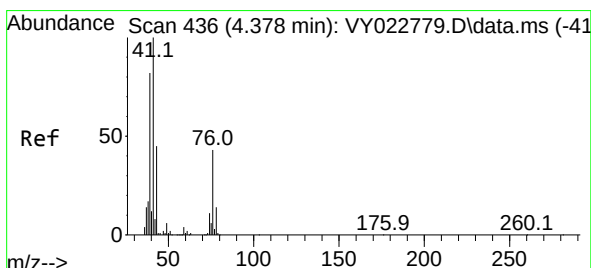
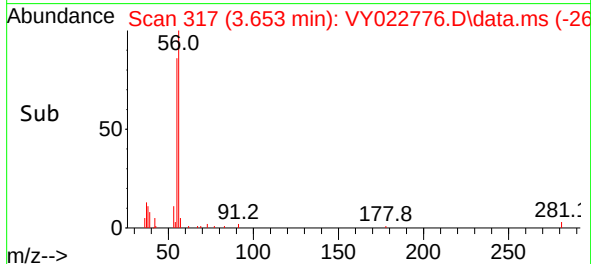
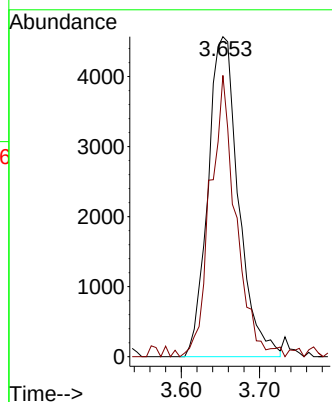
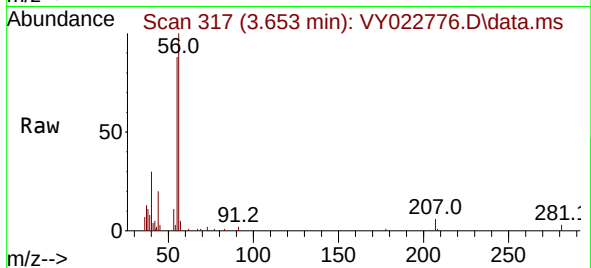




#13
Acrolein
Concen: 25.861 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

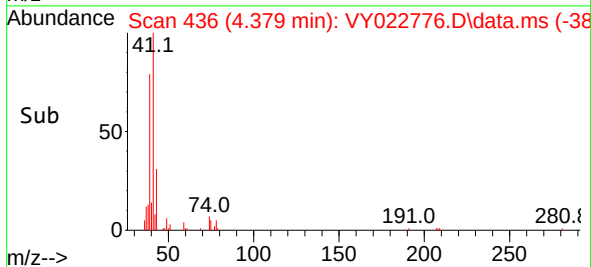
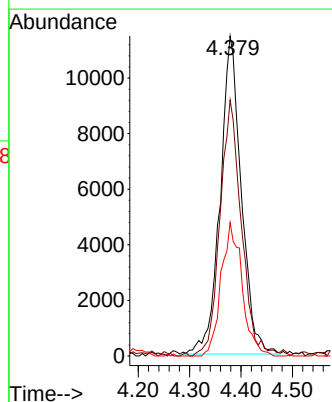
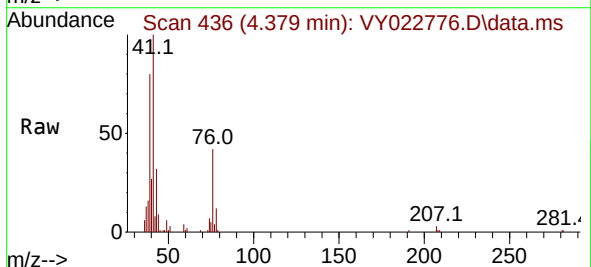
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

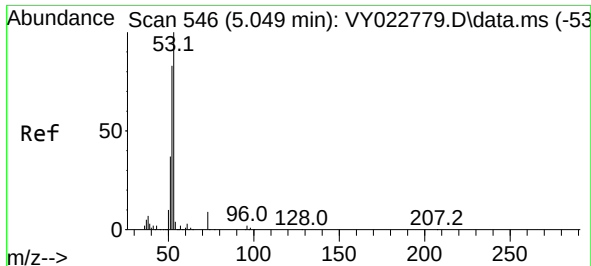
Tgt Ion: 56 Resp: 12383
Ion Ratio Lower Upper
56 100
55 73.9 55.4 83.2



#14
Allyl chloride
Concen: 4.415 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 41 Resp: 32705
Ion Ratio Lower Upper
41 100
39 81.1 63.9 95.9
76 41.5 33.0 49.4

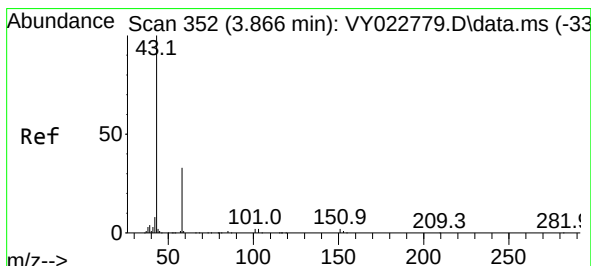
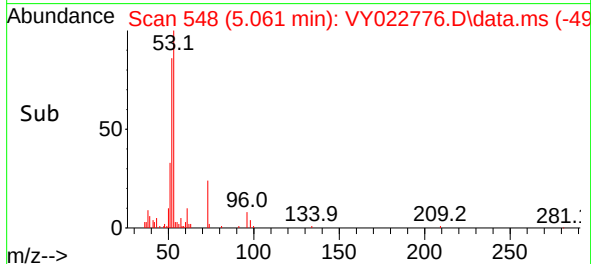
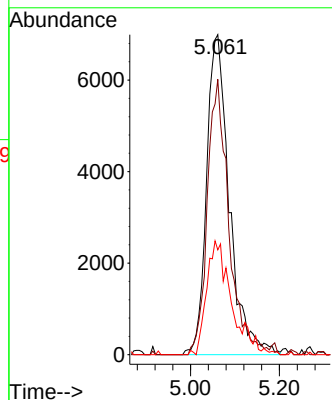
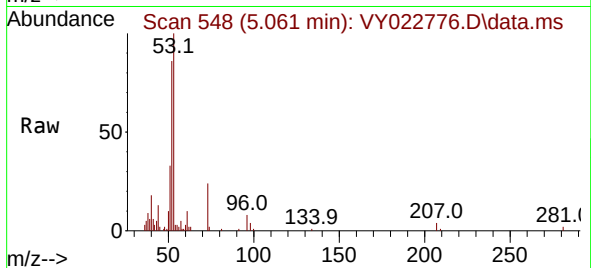




#15
Acrylonitrile
Concen: 22.452 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

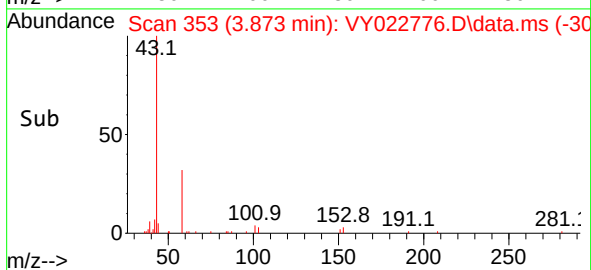
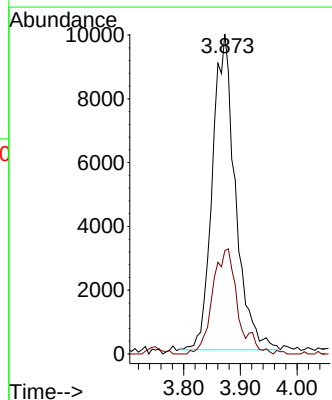
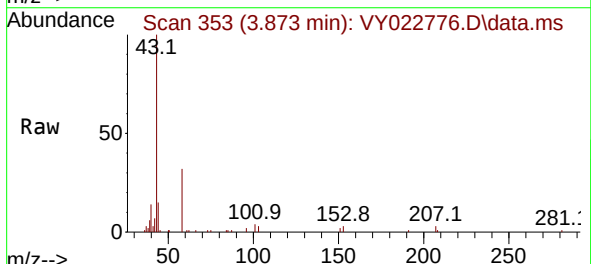
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

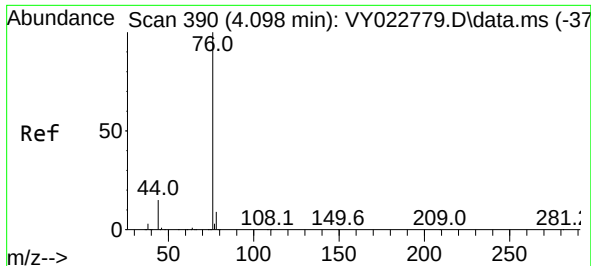
Tgt Ion: 53 Resp: 24866
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 34.9 30.1 45.1



#16
Acetone
Concen: 27.758 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 43 Resp: 27862
Ion Ratio Lower Upper
43 100
58 32.7 27.7 41.5

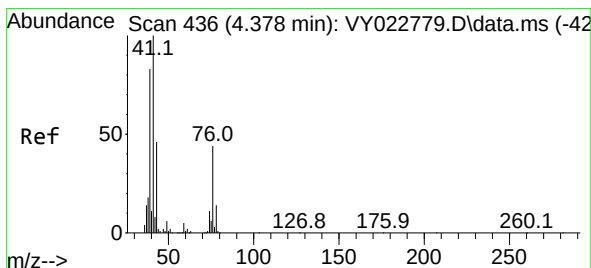
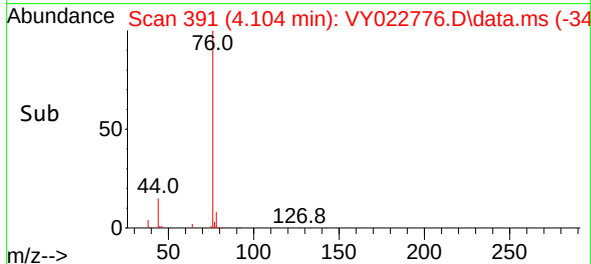
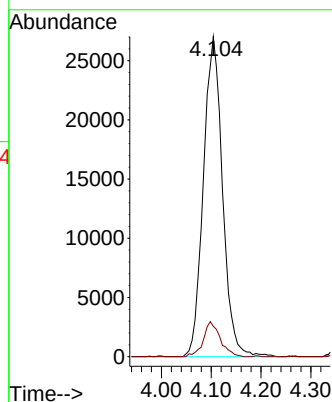
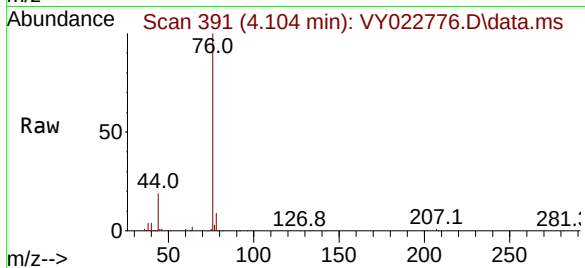




#17
Carbon Disulfide
Concen: 4.635 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

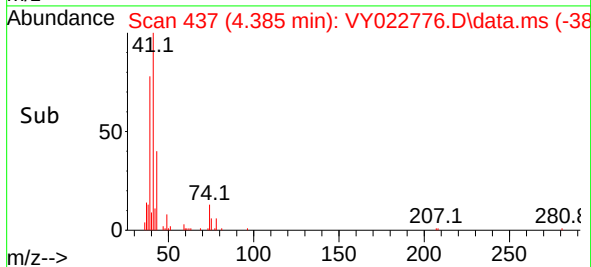
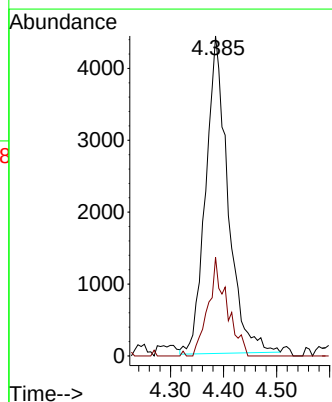
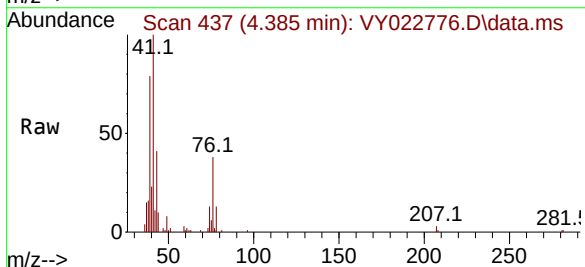
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

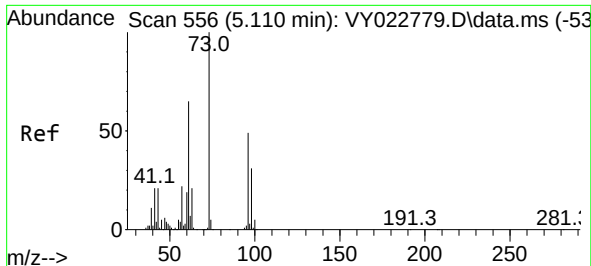
Tgt Ion: 76 Resp: 72112
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 3.897 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 43 Resp: 12955
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 4.258 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

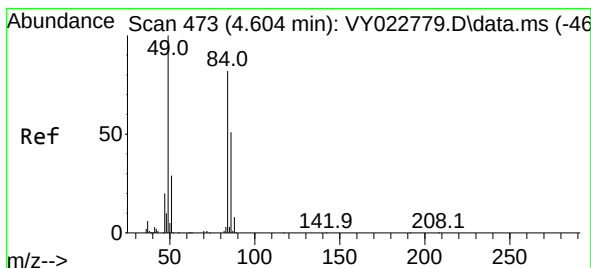
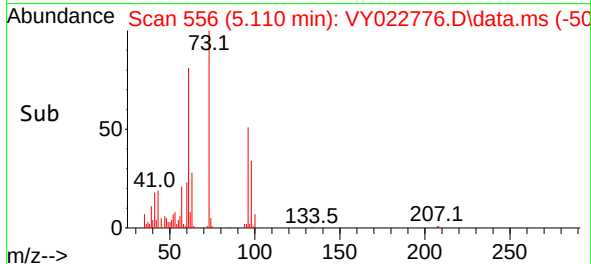
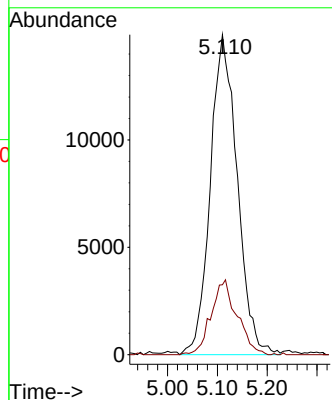
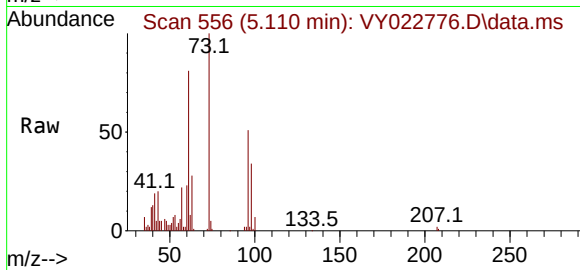
VSTDICC005

Tgt Ion: 73 Resp: 55836

Ion Ratio Lower Upper

73 100

57 21.9 17.7 26.5



#20

Methylene Chloride

Concen: 6.303 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Tgt Ion: 84 Resp: 39953

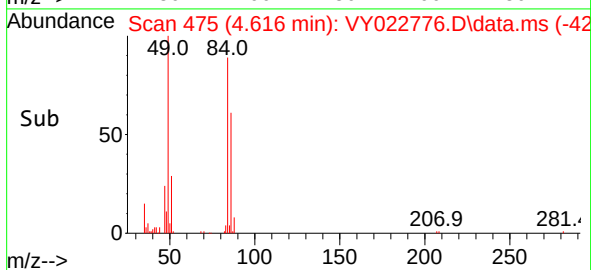
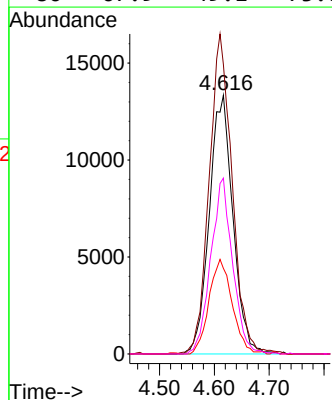
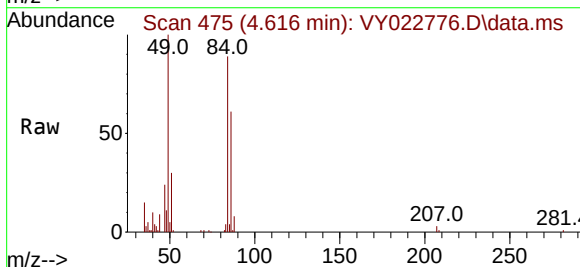
Ion Ratio Lower Upper

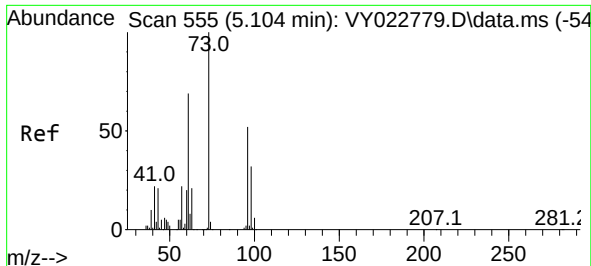
84 100

49 111.4 97.2 145.8

51 33.1 27.8 41.8

86 67.9 49.1 73.7

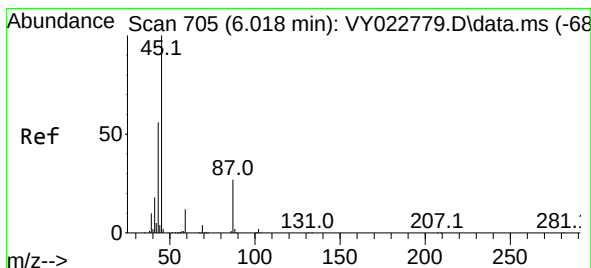
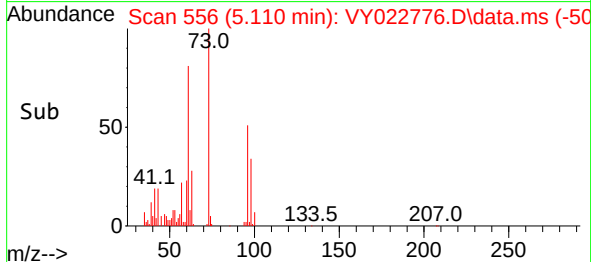
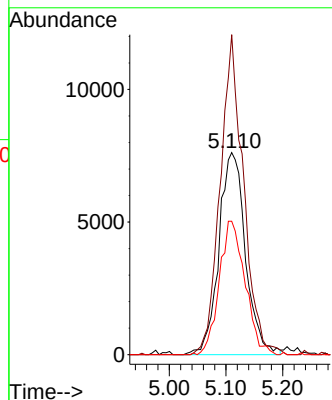
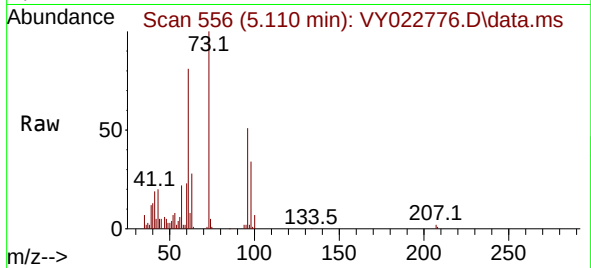




#21
trans-1,2-Dichloroethene
Concen: 4.505 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

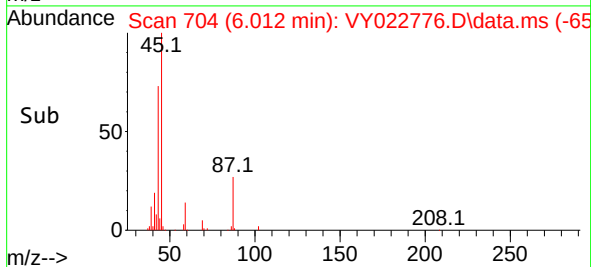
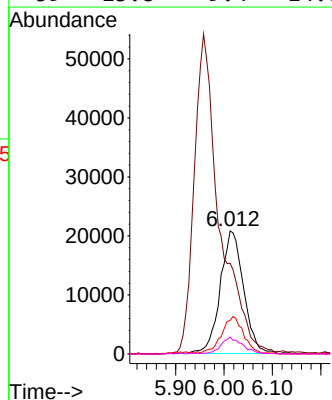
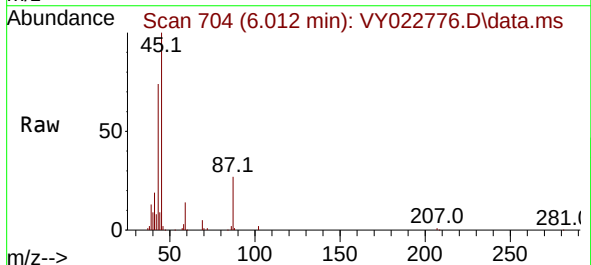
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

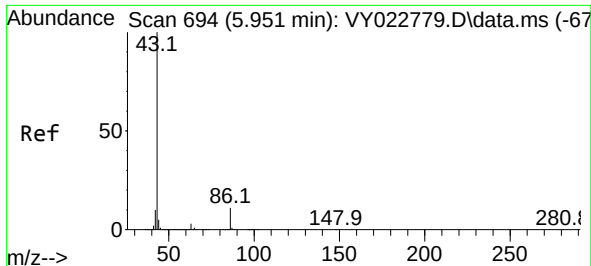
Tgt Ion: 96 Resp: 24796
Ion Ratio Lower Upper
96 100
61 158.3 107.2 160.8
98 66.0 49.1 73.7



#22
Diisopropyl ether
Concen: 4.223 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 45 Resp: 69481
Ion Ratio Lower Upper
45 100
43 71.9 44.6 66.8#
87 27.5 22.2 33.2
59 13.8 9.4 14.0

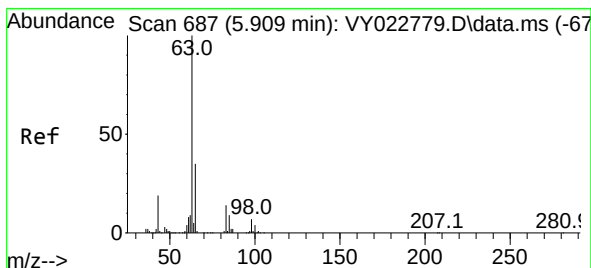
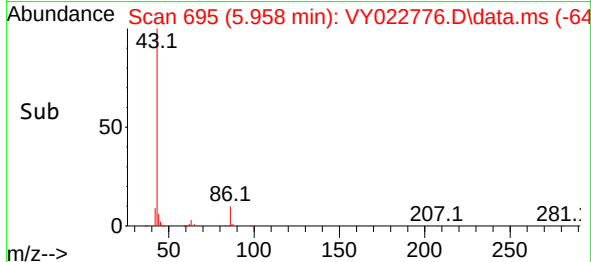
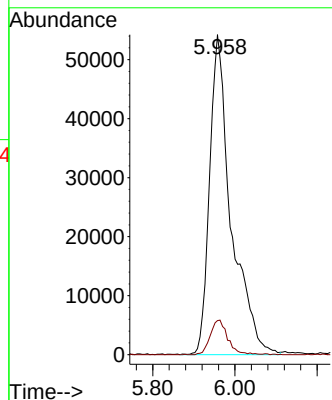
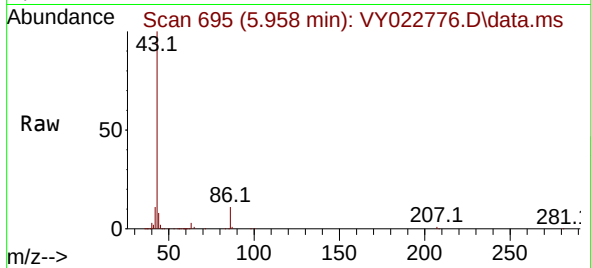




#23
 Vinyl Acetate
 Concen: 21.723 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

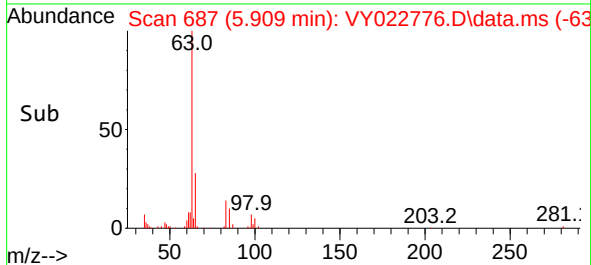
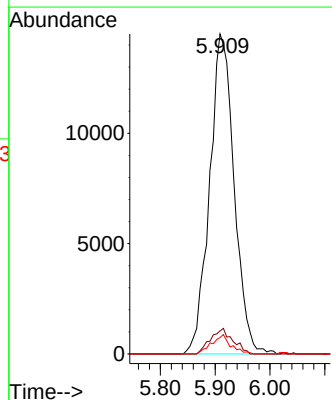
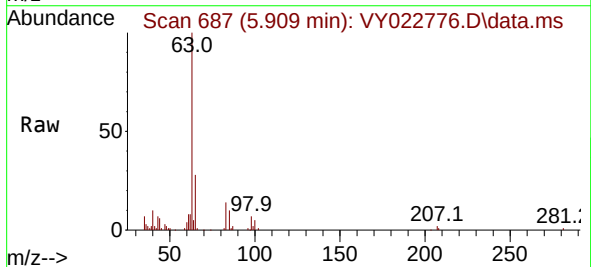
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

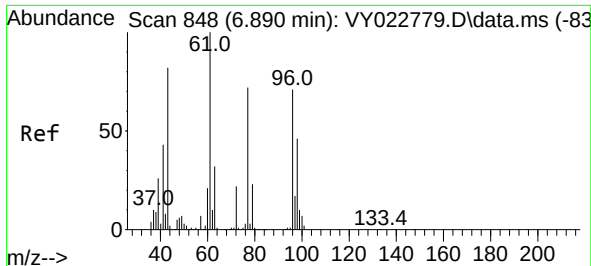
Tgt Ion: 43 Resp: 197369
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 4.543 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

Tgt Ion: 63 Resp: 45142
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.2 2.1 6.5

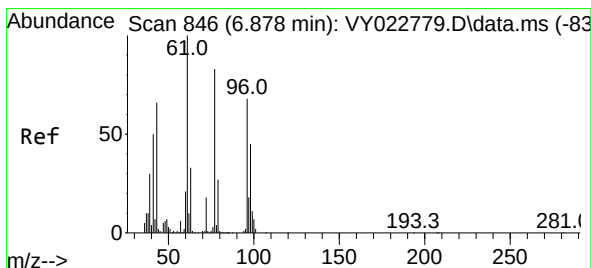
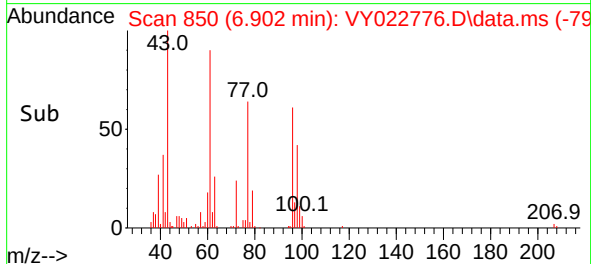
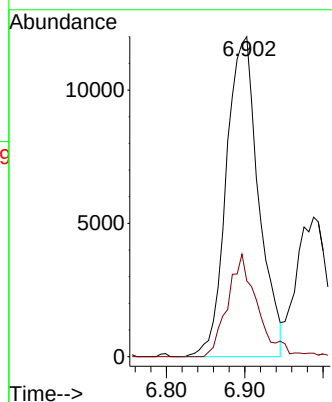
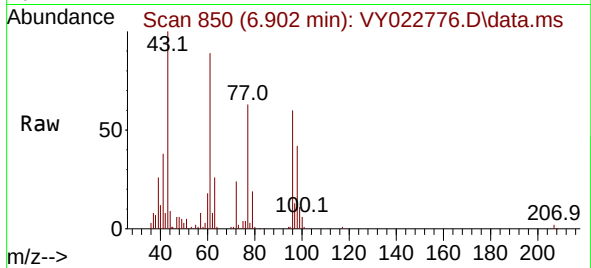




#25
2-Butanone
Concen: 23.545 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

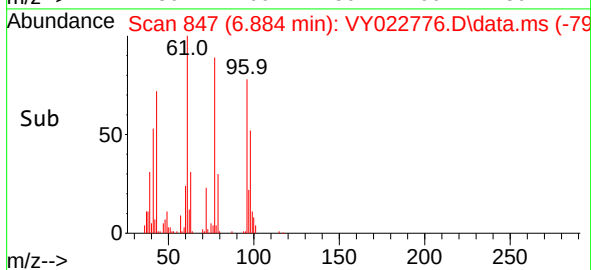
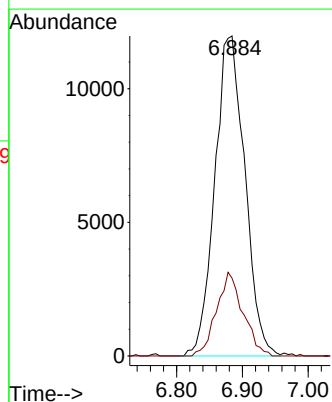
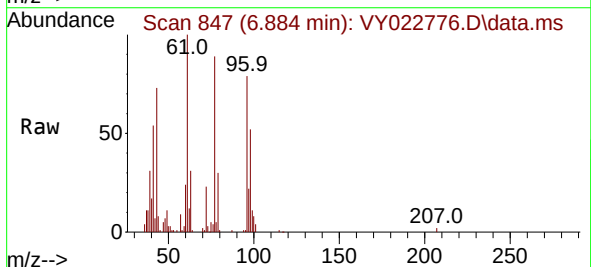
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

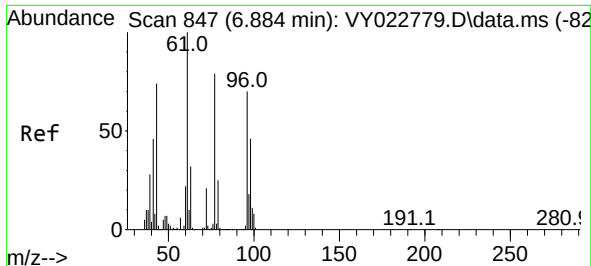
Tgt Ion: 43 Resp: 34396
Ion Ratio Lower Upper
43 100
72 23.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 4.574 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 77 Resp: 38104
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.9

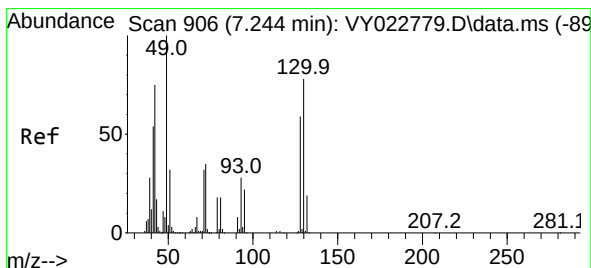
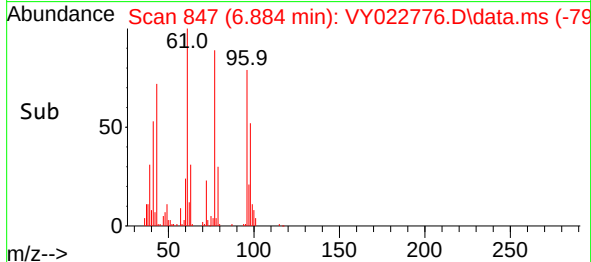
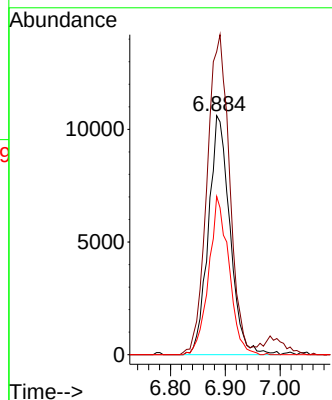
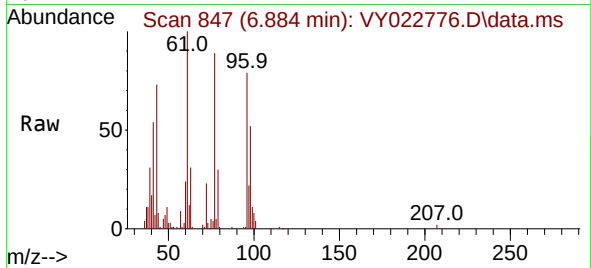




#27
 cis-1,2-Dichloroethene
 Concen: 4.510 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

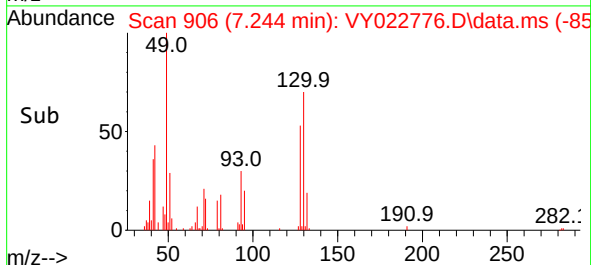
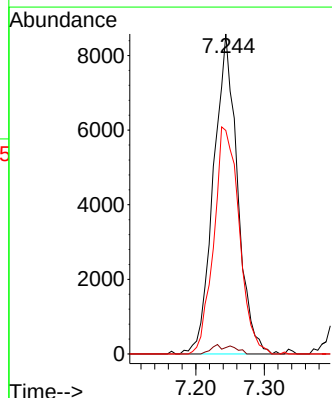
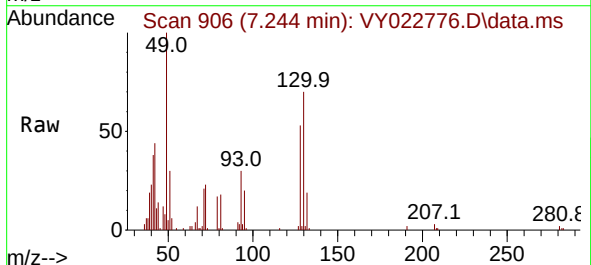
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

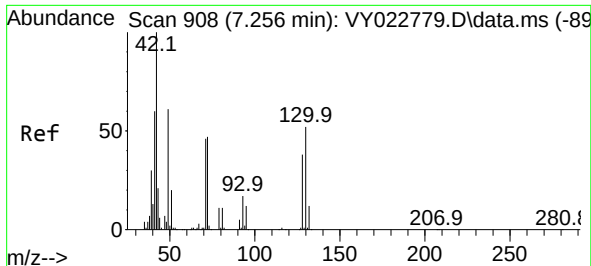
Tgt Ion: 96 Resp: 28846
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 291.6
 98 62.3 0.0 130.8



#28
 Bromochloromethane
 Concen: 4.974 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

Tgt Ion: 49 Resp: 20781
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 75.3 59.9 89.9





#29

Tetrahydrofuran

Concen: 22.324 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

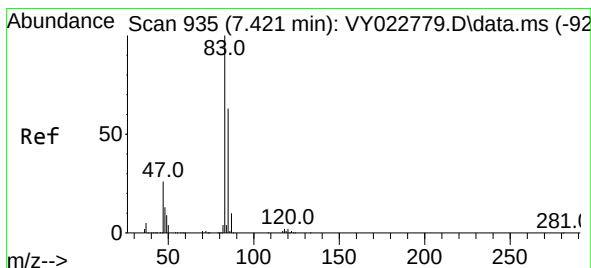
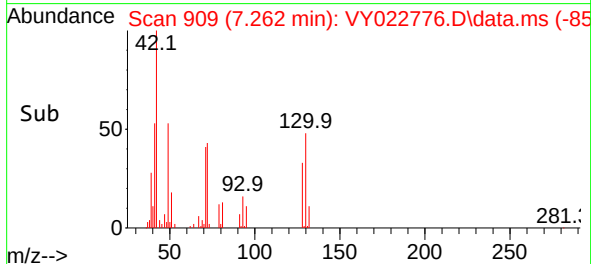
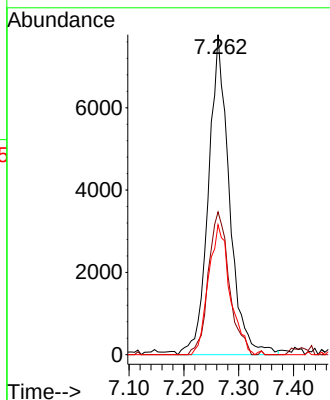
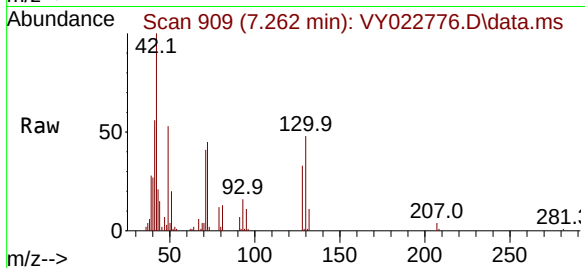
Tgt Ion: 42 Resp: 20593

Ion Ratio Lower Upper

42 100

72 44.4 37.4 56.2

71 41.7 35.4 53.2



#30

Chloroform

Concen: 4.584 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022776.D

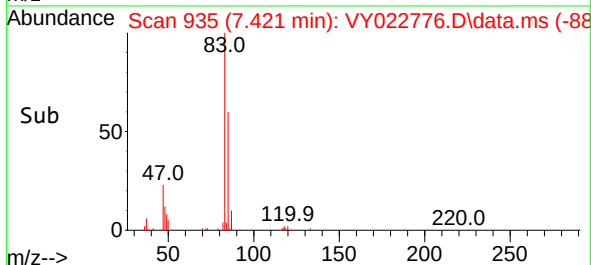
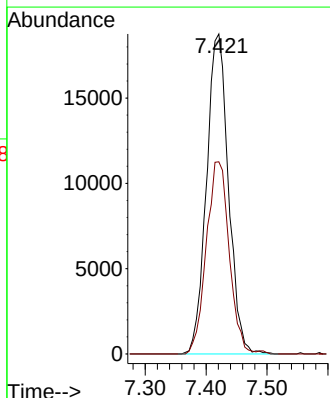
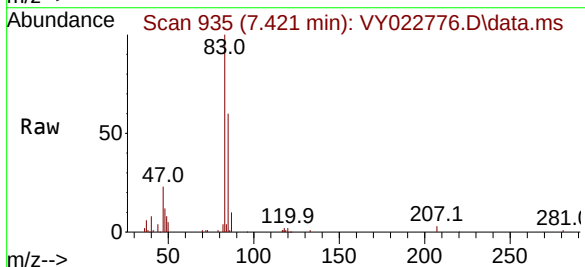
Acq: 23 Jun 2025 13:38

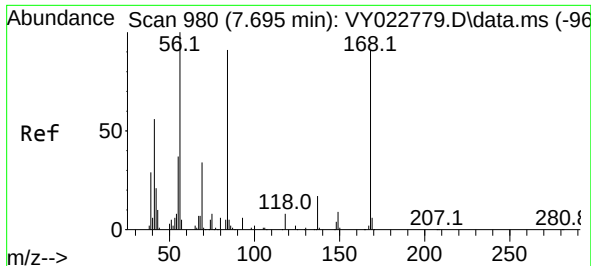
Tgt Ion: 83 Resp: 46913

Ion Ratio Lower Upper

83 100

85 60.0 50.1 75.1

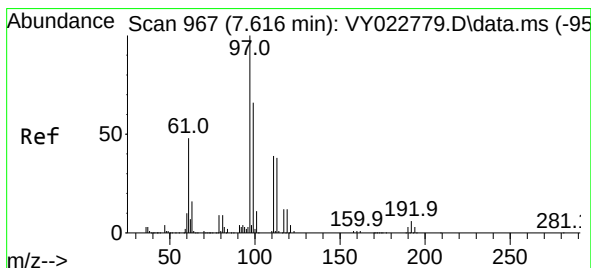
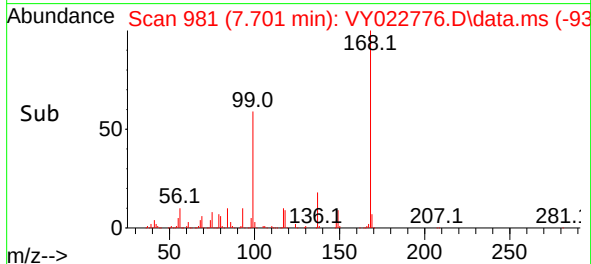
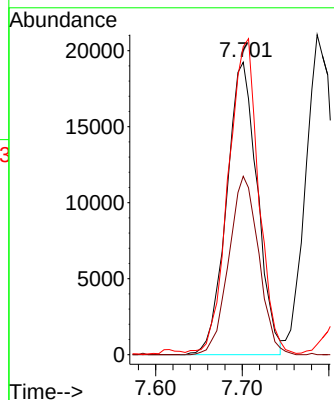
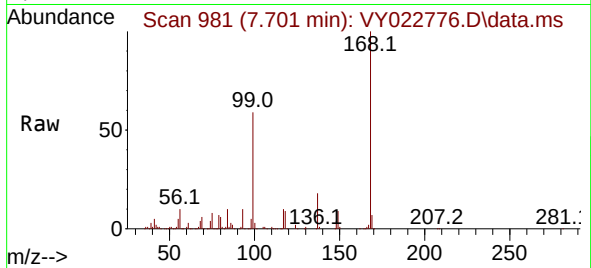




#31
Cyclohexane
Concen: 5.206 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

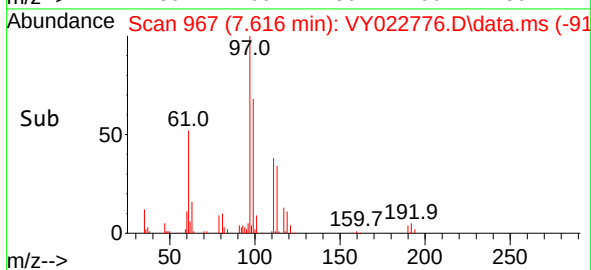
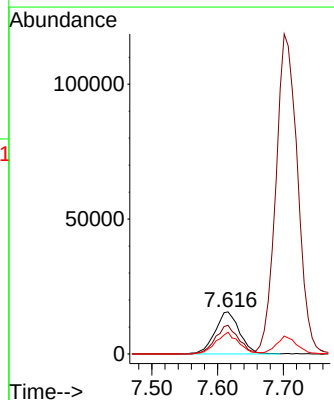
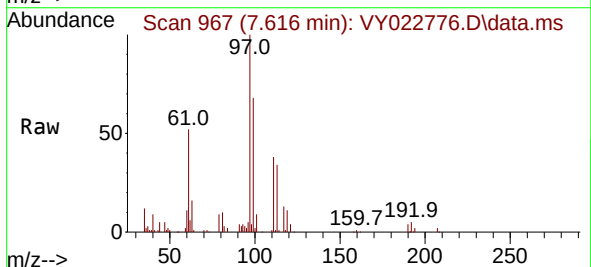
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

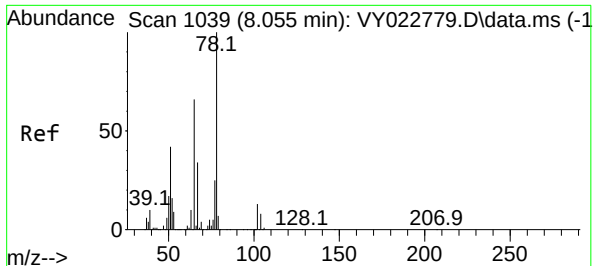
Tgt Ion: 56 Resp: 47489
Ion Ratio Lower Upper
56 100
69 61.0 27.4 41.0#
84 104.1 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 4.556 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 97 Resp: 40296
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 47.8 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 5.087 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

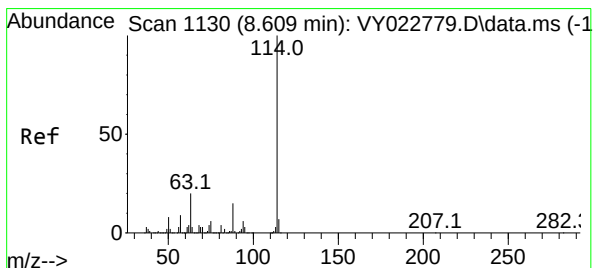
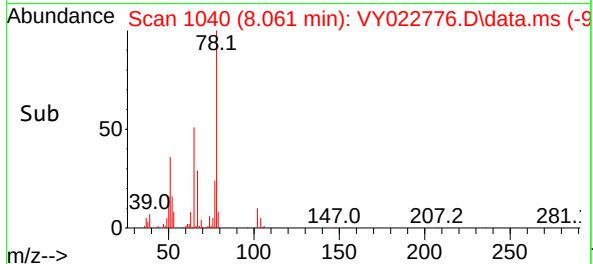
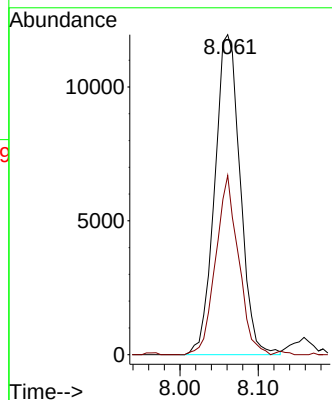
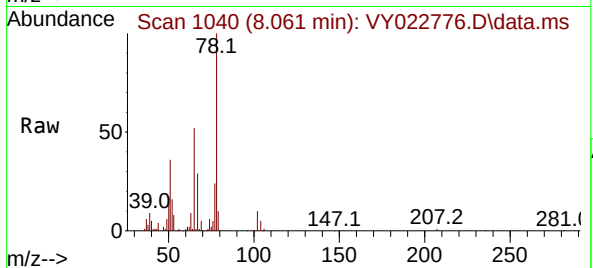
VSTDICC005

Tgt Ion: 65 Resp: 27016

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

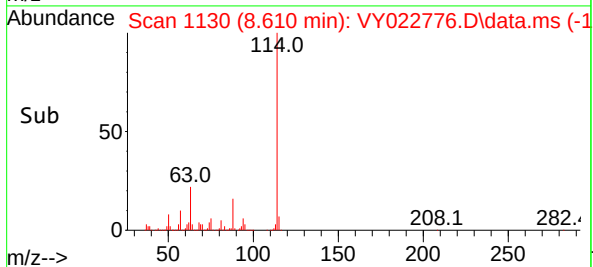
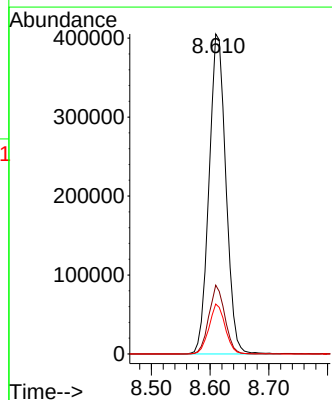
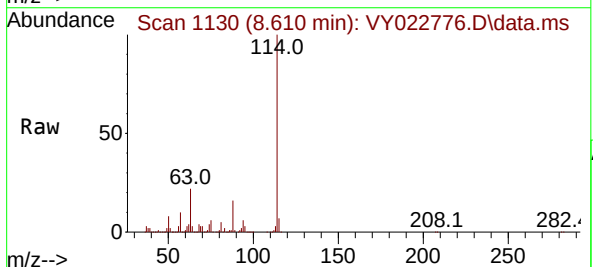
Tgt Ion:114 Resp: 805517

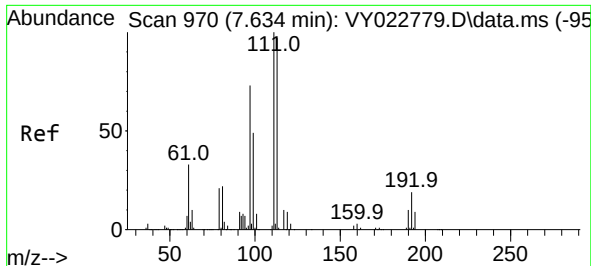
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.035 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

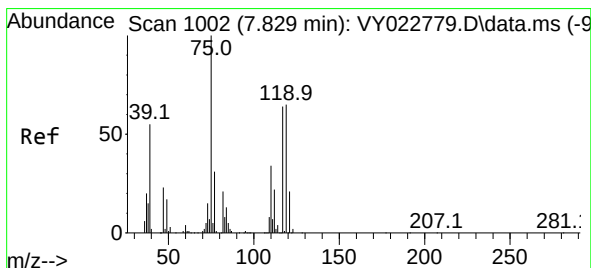
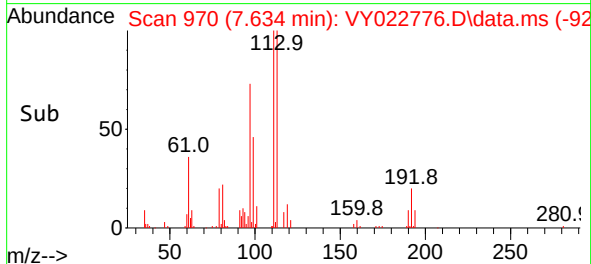
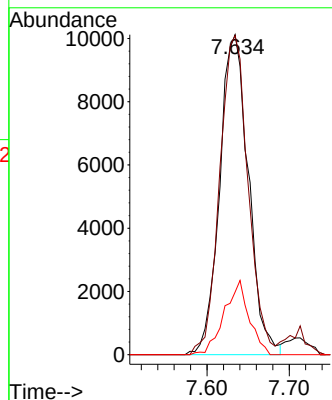
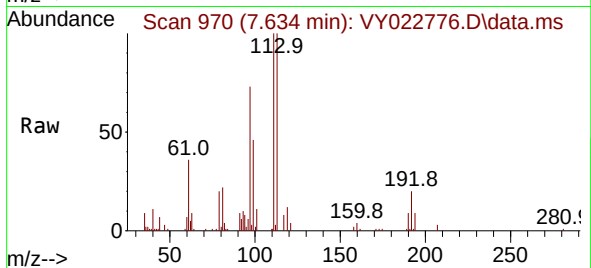
Tgt Ion:113 Resp: 24664

Ion Ratio Lower Upper

113 100

111 98.3 82.8 124.2

192 20.0 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.554 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

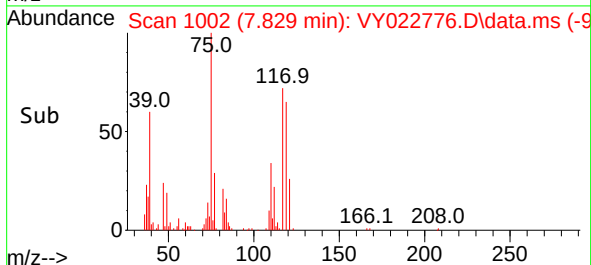
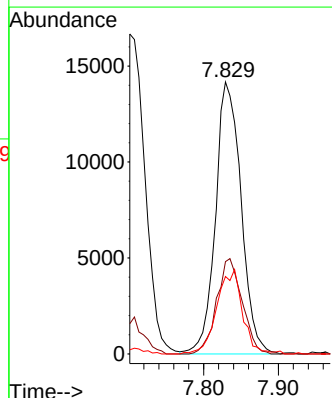
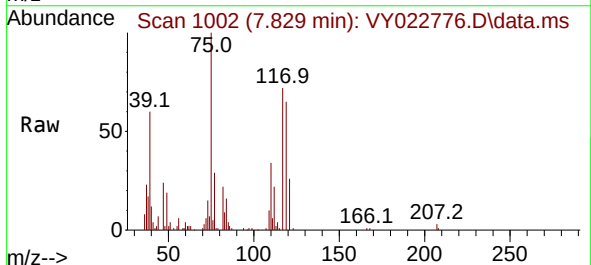
Tgt Ion: 75 Resp: 33812

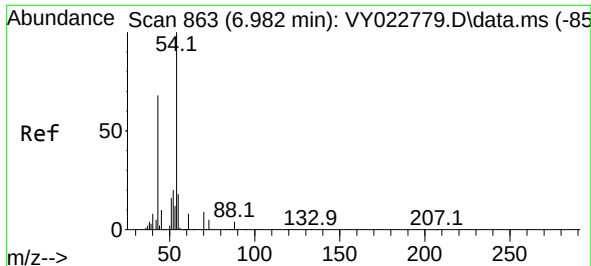
Ion Ratio Lower Upper

75 100

110 34.8 17.3 52.0

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 4.543 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

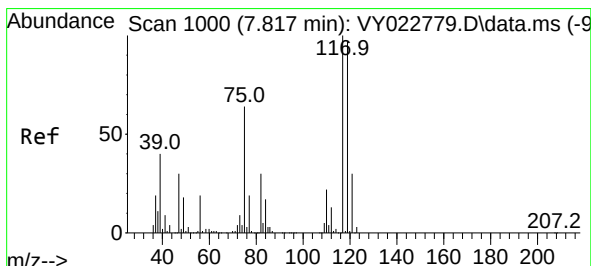
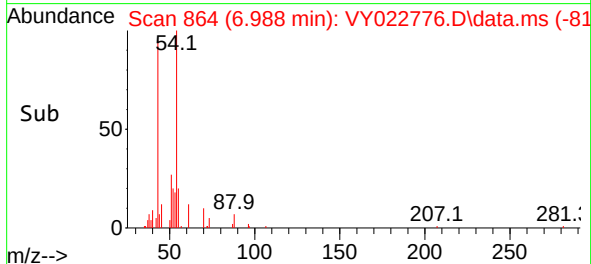
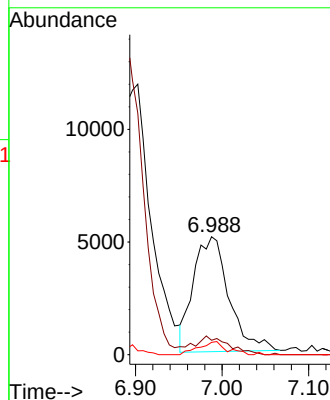
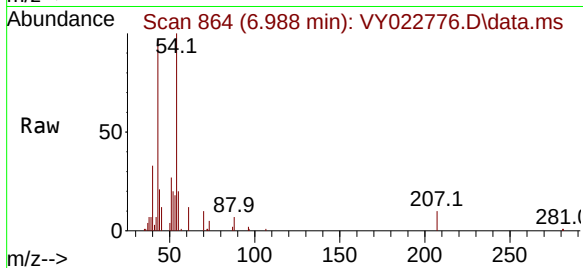
Tgt Ion: 43 Resp: 14555

Ion Ratio Lower Upper

43 100

61 14.7 11.7 17.5

70 8.9 8.5 12.7



#38

Carbon Tetrachloride

Concen: 4.510 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

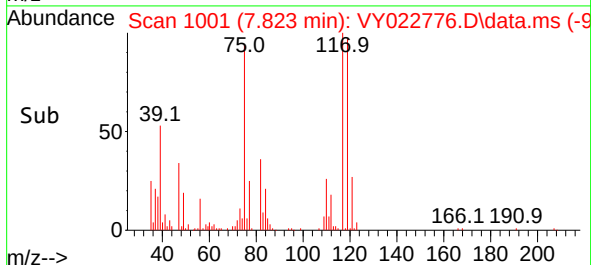
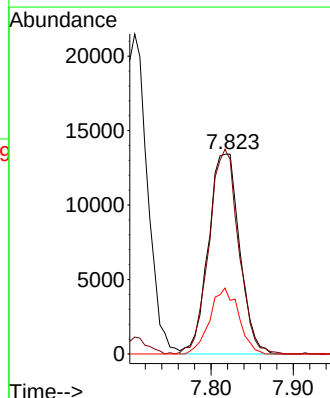
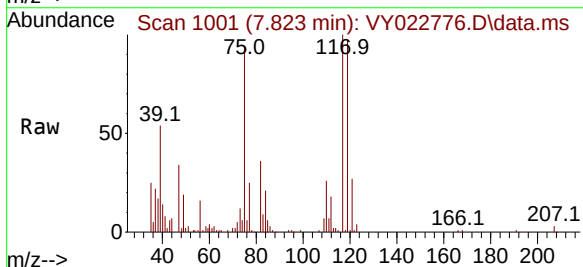
Tgt Ion: 117 Resp: 35332

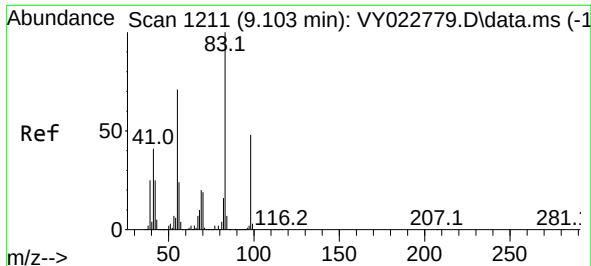
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

121 26.8 24.1 36.1





#39

Methylcyclohexane

Concen: 4.554 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

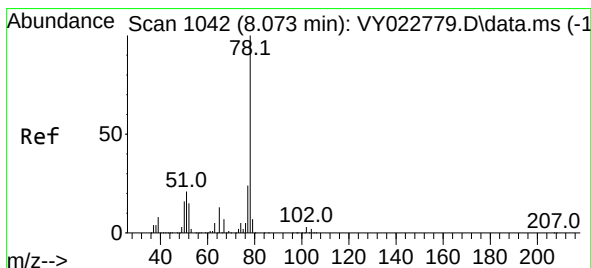
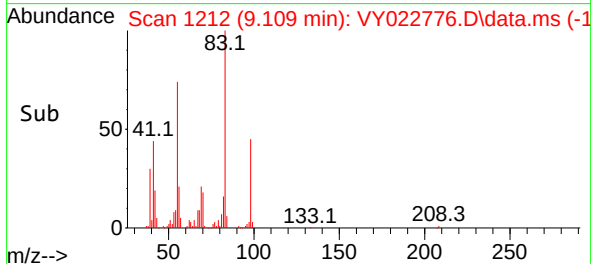
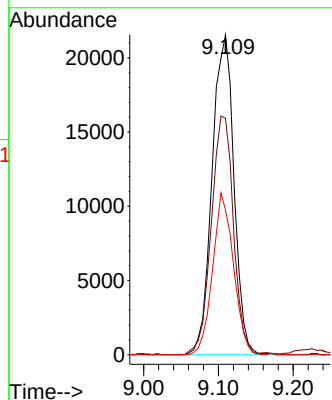
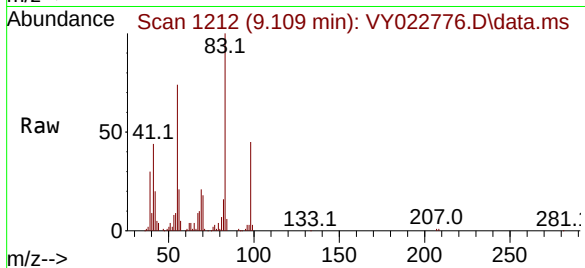
Tgt Ion: 83 Resp: 43762

Ion Ratio Lower Upper

83 100

55 73.9 56.6 84.8

98 45.2 38.1 57.1



#40

Benzene

Concen: 4.403 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY022776.D

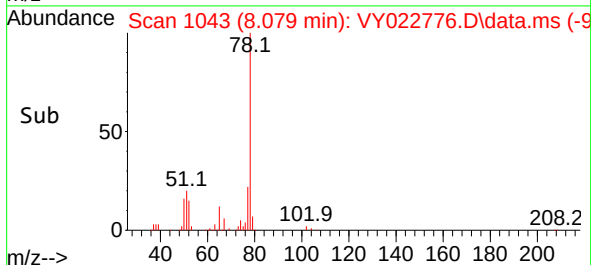
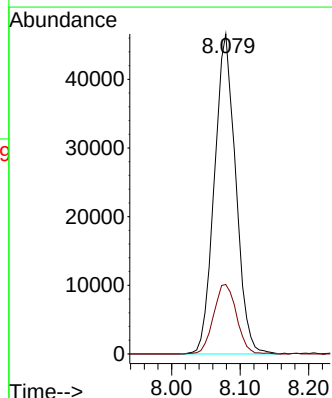
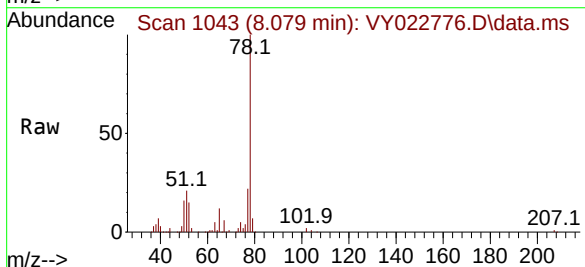
Acq: 23 Jun 2025 13:38

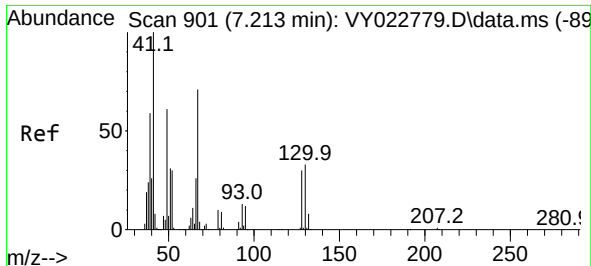
Tgt Ion: 78 Resp: 100522

Ion Ratio Lower Upper

78 100

77 21.7 19.1 28.7

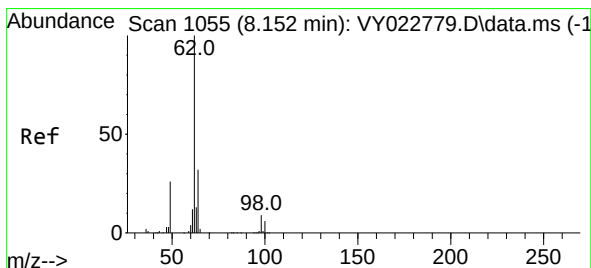
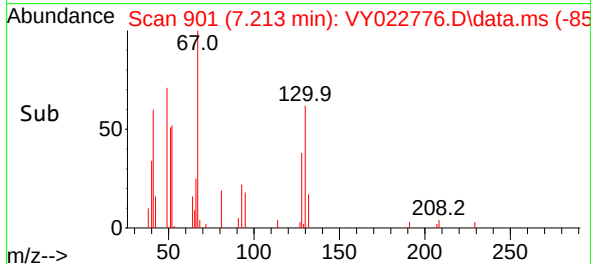
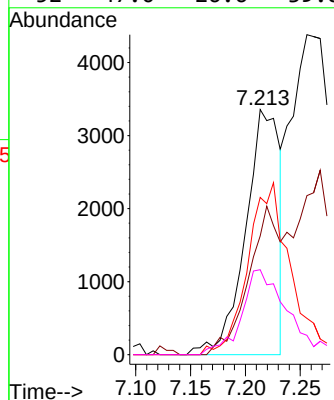
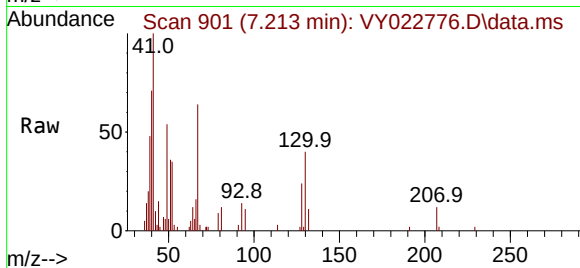




#41
Methacrylonitrile
Concen: 3.601 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

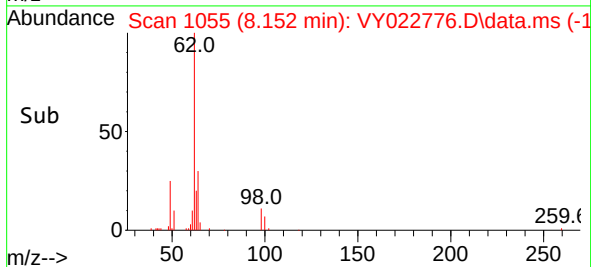
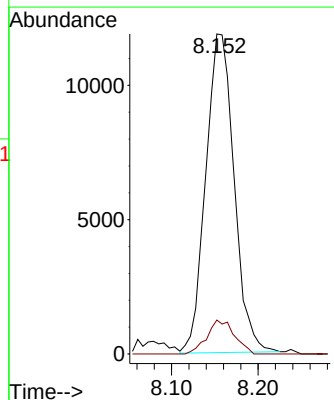
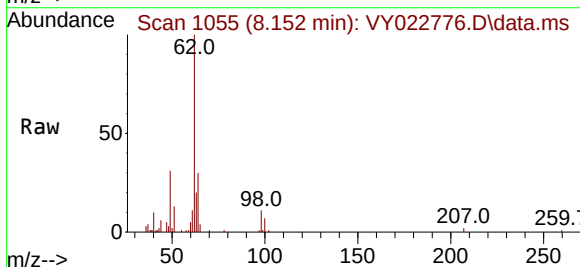
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

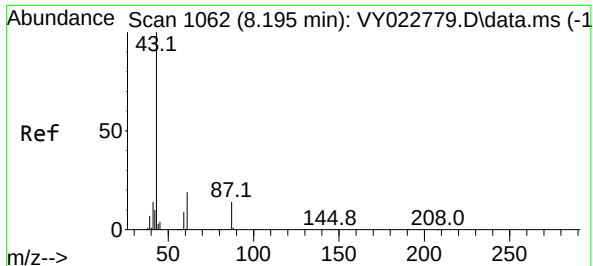
Tgt Ion: 41 Resp: 7280
Ion Ratio Lower Upper
41 100
39 54.2 44.7 67.1
67 88.0 63.1 94.7
52 47.0 26.6 39.8#



#42
1,2-Dichloroethane
Concen: 4.316 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 62 Resp: 27003
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 4.205 ug/l

RT: 8.201 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

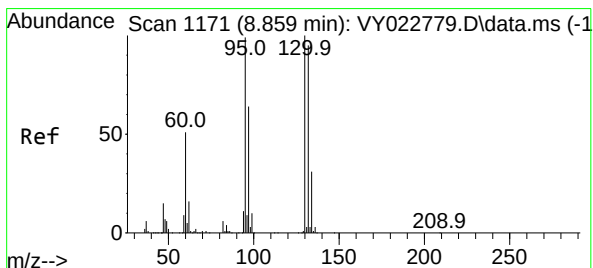
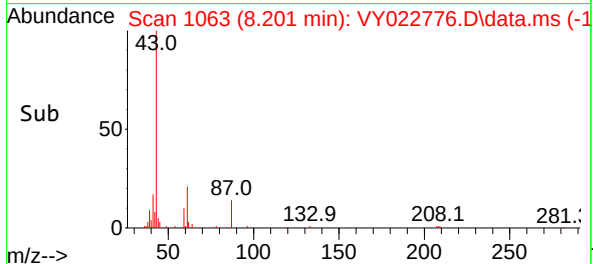
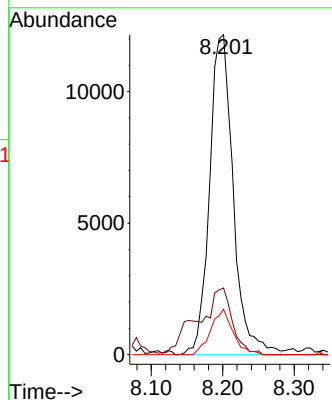
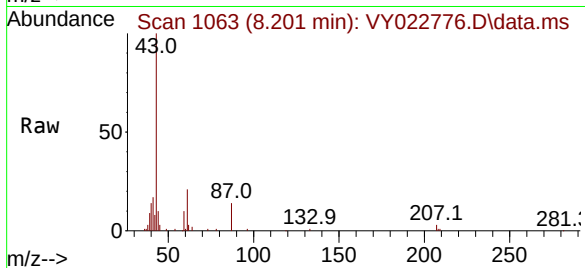
Tgt Ion: 43 Resp: 28001

Ion Ratio Lower Upper

43 100

61 20.1 16.7 25.1

87 13.3 11.0 16.4



#44

Trichloroethene

Concen: 4.289 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY022776.D

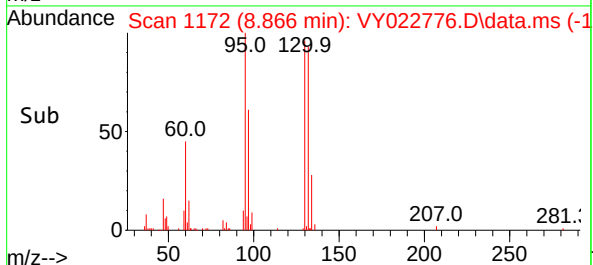
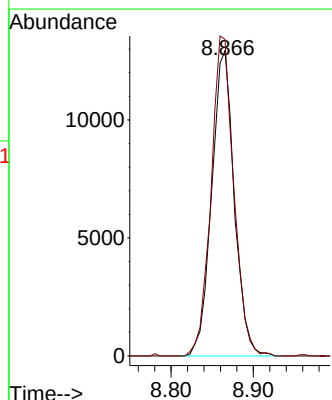
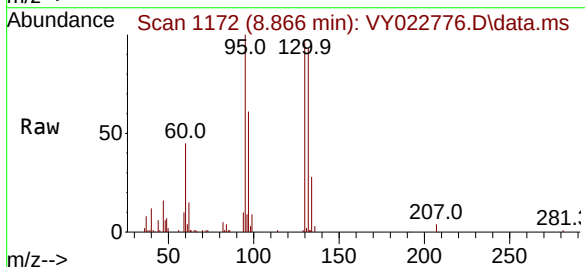
Acq: 23 Jun 2025 13:38

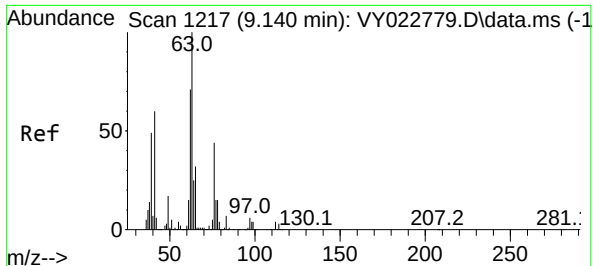
Tgt Ion:130 Resp: 24585

Ion Ratio Lower Upper

130 100

95 103.7 0.0 197.2





#45

1,2-Dichloropropane

Concen: 4.357 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

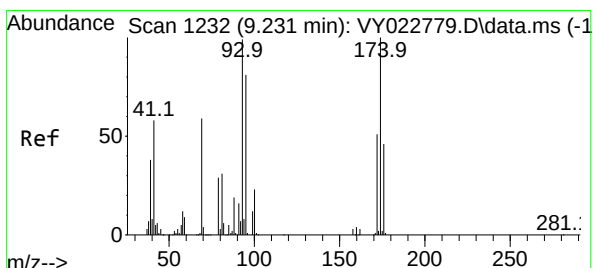
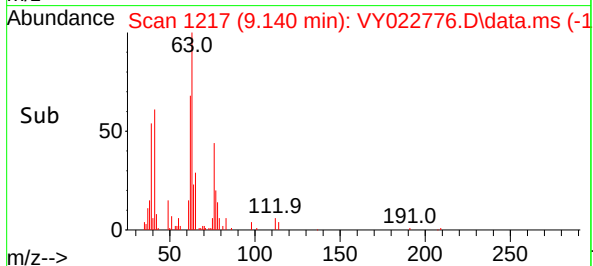
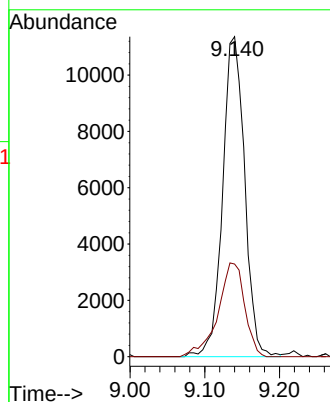
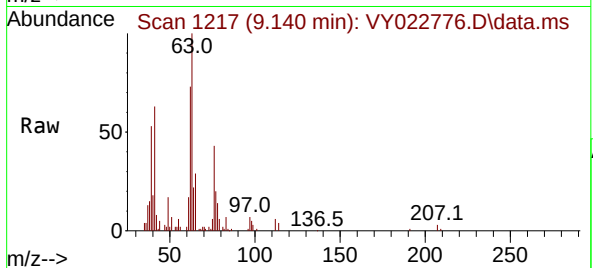
VSTDIC005

Tgt Ion: 63 Resp: 23279

Ion Ratio Lower Upper

63 100

65 28.9 25.3 37.9



#46

Dibromomethane

Concen: 4.501 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

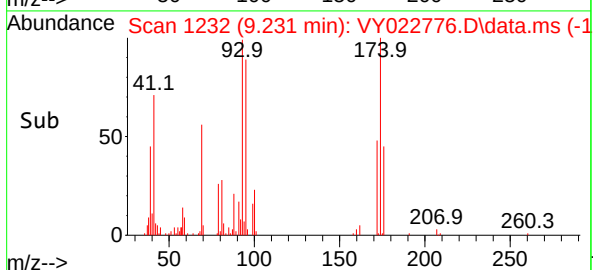
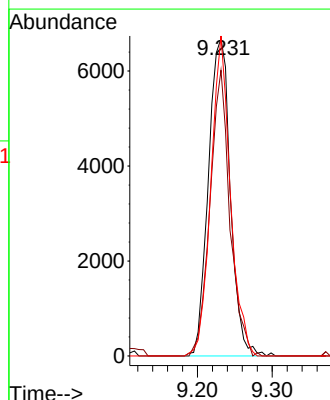
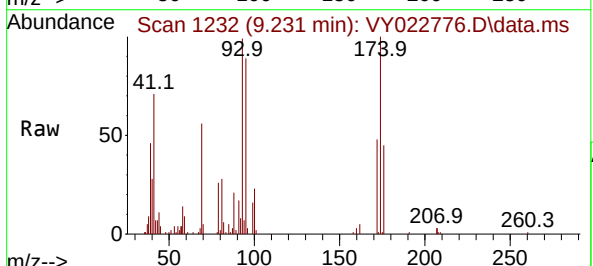
Tgt Ion: 93 Resp: 13652

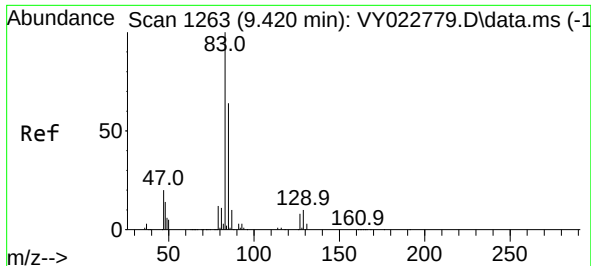
Ion Ratio Lower Upper

93 100

95 81.6 66.4 99.6

174 89.8 76.7 115.1

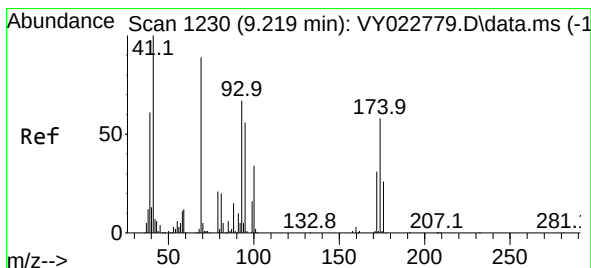
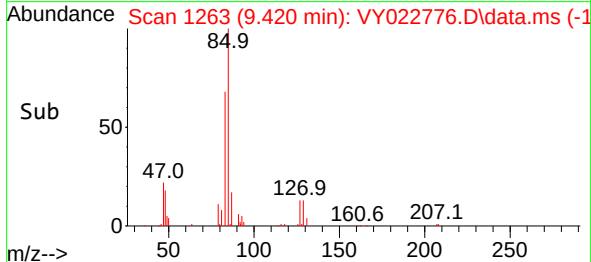
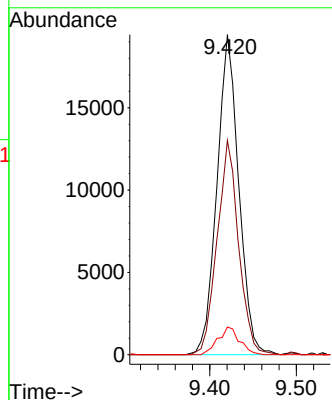
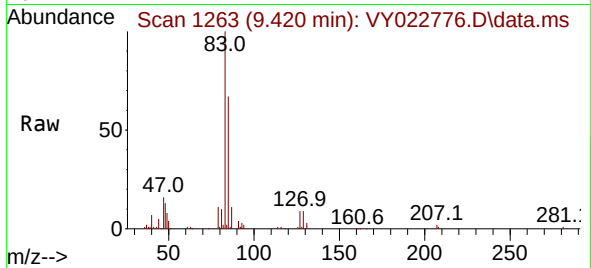




#47
Bromodichloromethane
Concen: 4.350 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

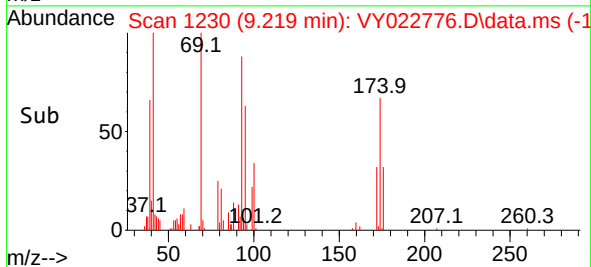
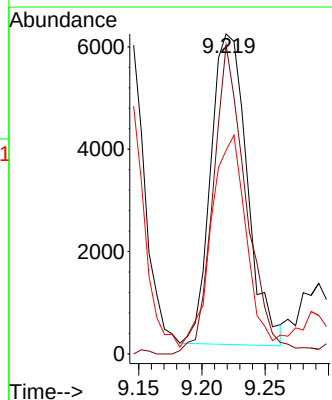
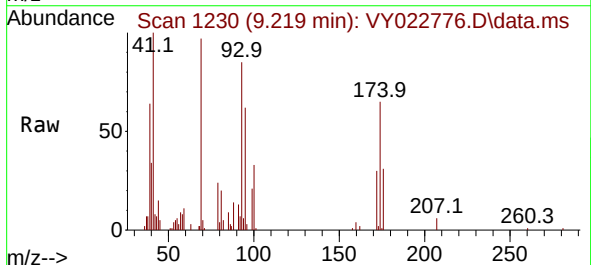
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

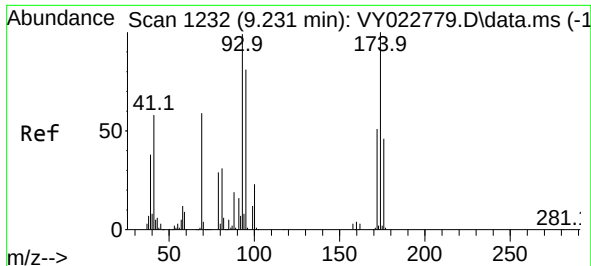
Tgt Ion: 83 Resp: 34024
Ion Ratio Lower Upper
83 100
85 66.9 51.5 77.3
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 3.797 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 41 Resp: 12155
Ion Ratio Lower Upper
41 100
69 90.2 70.6 105.8
39 64.7 50.2 75.4





#49

1,4-Dioxane

Concen: 83.716 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

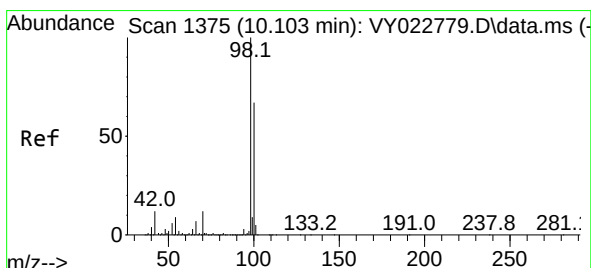
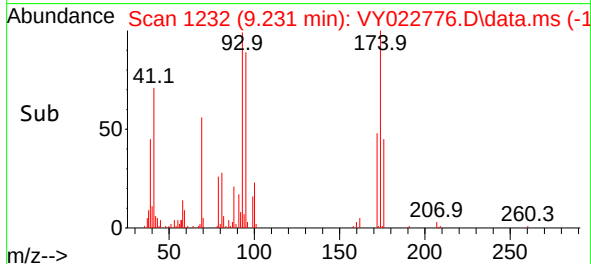
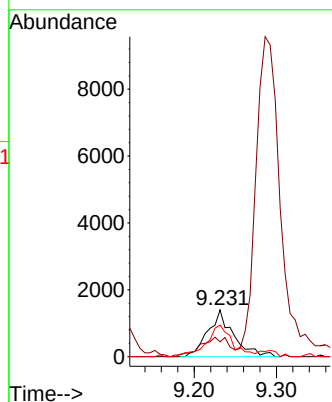
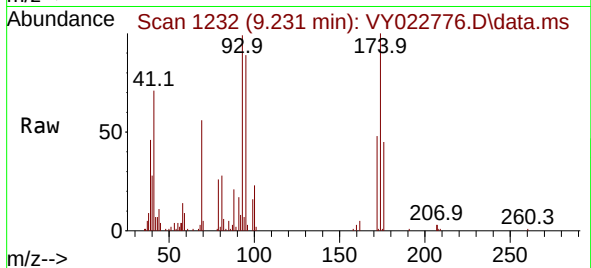
Tgt Ion: 88 Resp: 3000

Ion Ratio Lower Upper

88 100

43 46.3 27.6 41.4#

58 68.4 50.6 75.8



#50

Toluene-d8

Concen: 4.898 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022776.D

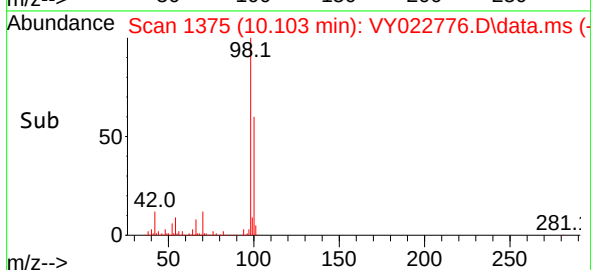
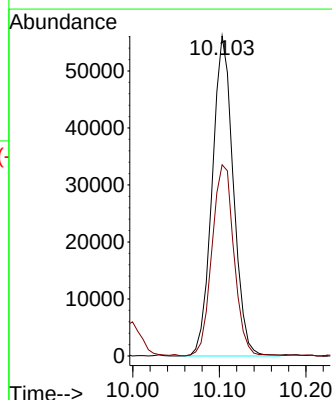
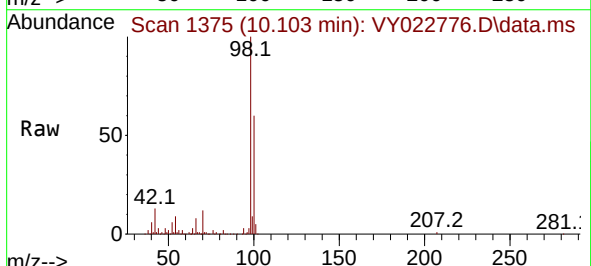
Acq: 23 Jun 2025 13:38

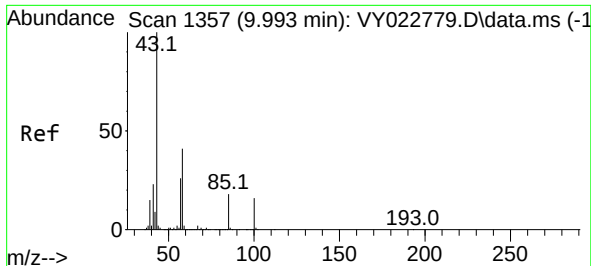
Tgt Ion: 98 Resp: 95214

Ion Ratio Lower Upper

98 100

100 62.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 20.050 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

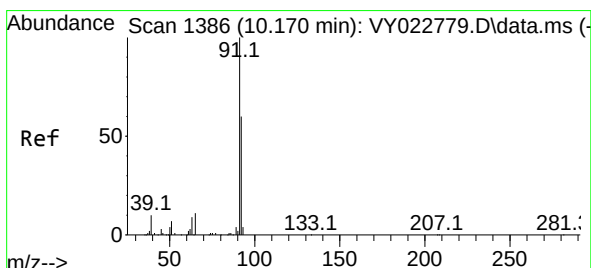
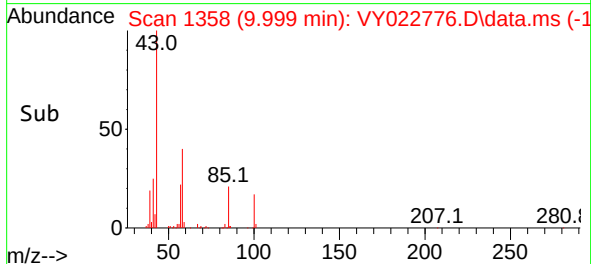
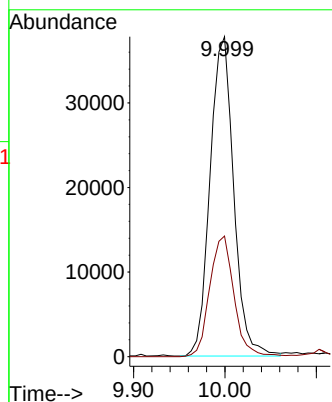
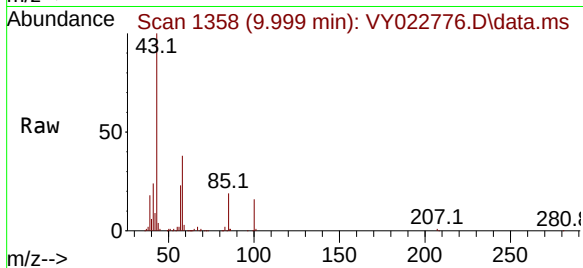
VSTDIC005

Tgt Ion: 43 Resp: 67853

Ion Ratio Lower Upper

43 100

58 38.8 32.9 49.3



#52

Toluene

Concen: 4.177 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022776.D

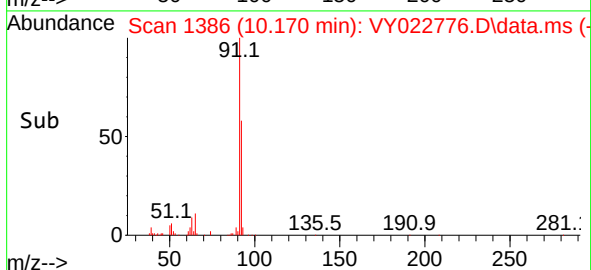
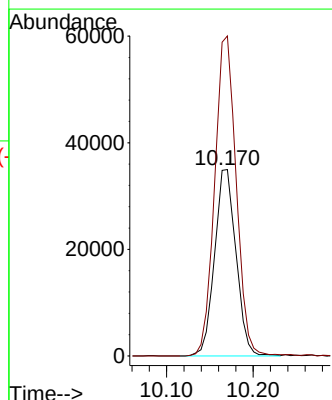
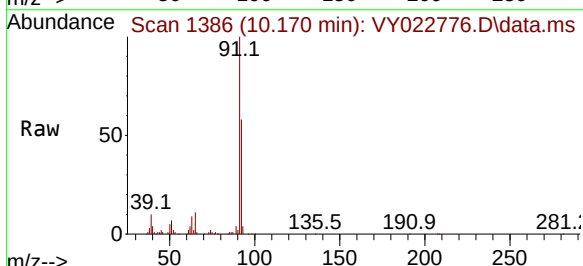
Acq: 23 Jun 2025 13:38

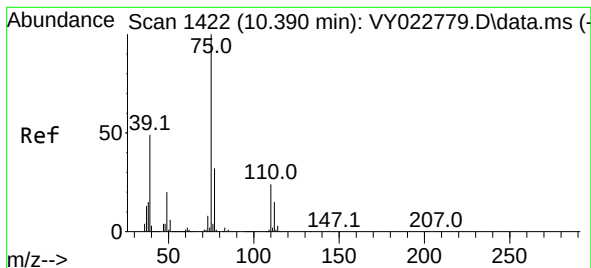
Tgt Ion: 92 Resp: 60162

Ion Ratio Lower Upper

92 100

91 172.6 137.2 205.8

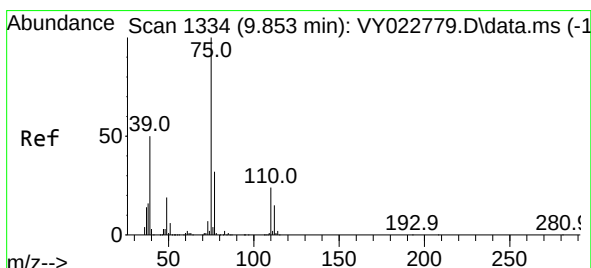
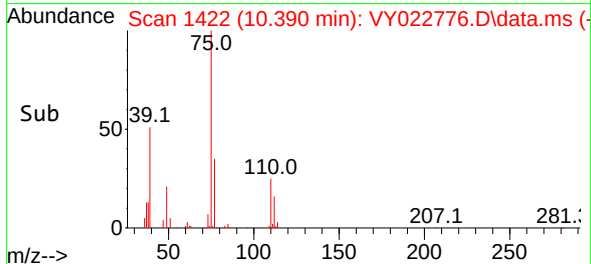
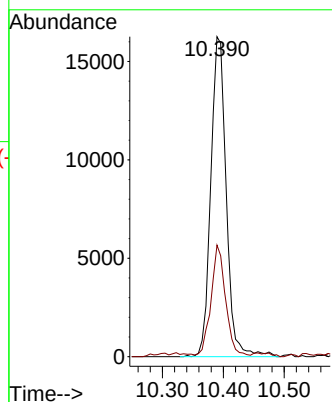
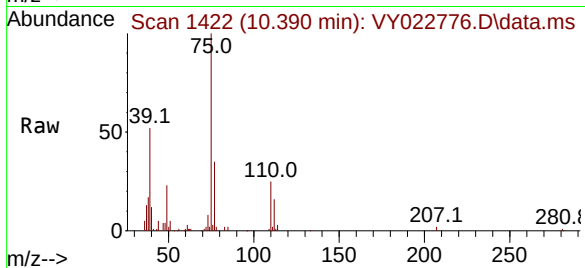




#53
t-1,3-Dichloropropene
Concen: 4.063 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

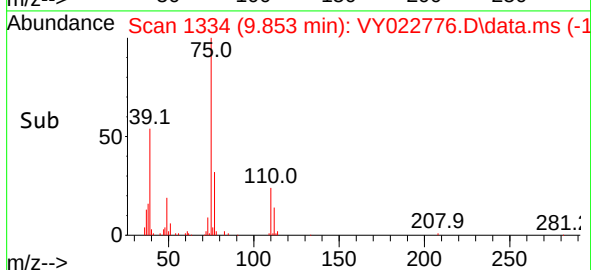
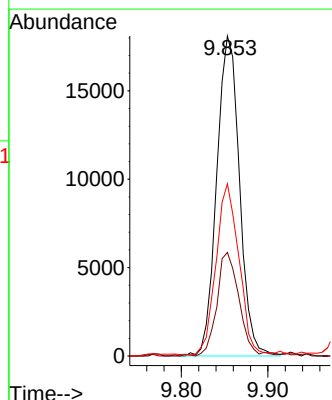
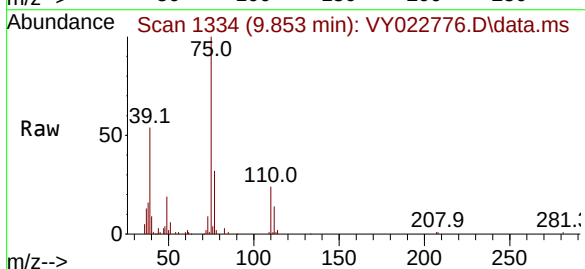
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

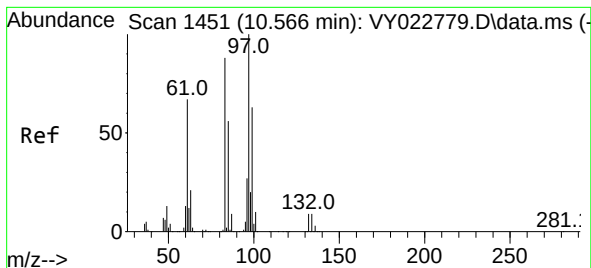
Tgt Ion: 75 Resp: 28590
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 4.063 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 75 Resp: 33149
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 53.3 40.2 60.2

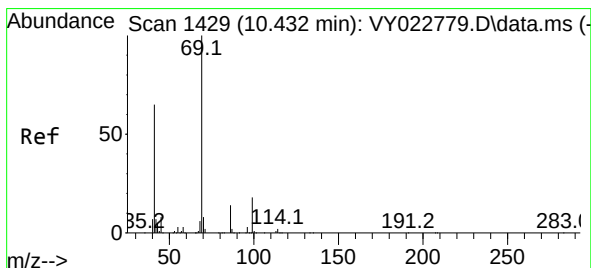
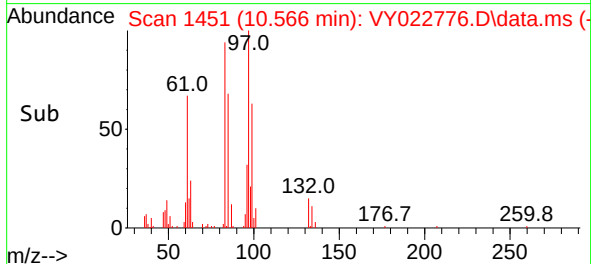
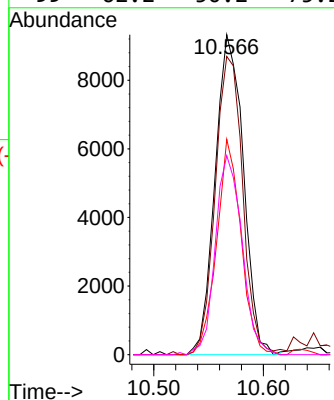
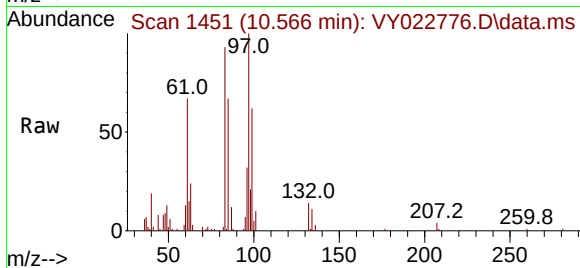




#55
1,1,2-Trichloroethane
Concen: 4.252 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

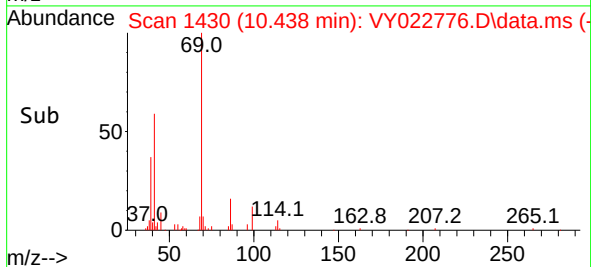
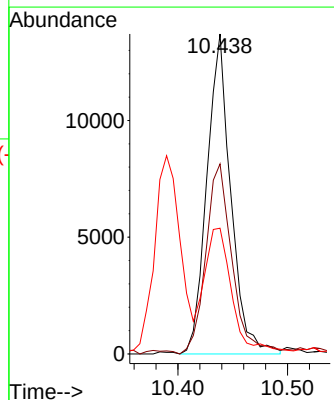
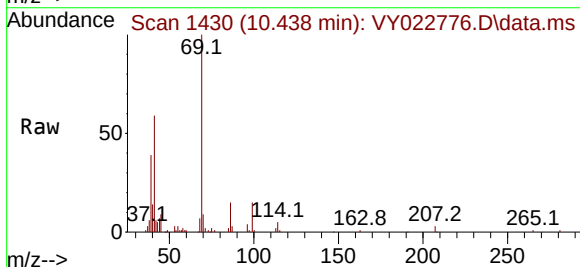
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

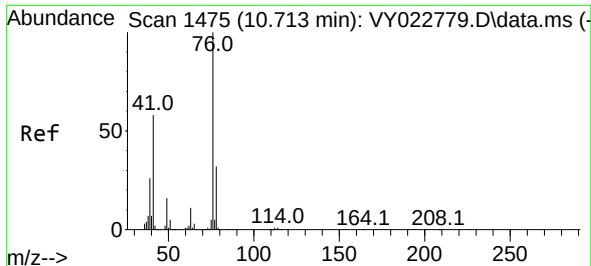
Tgt Ion: 97	Resp: 16701
Ion Ratio	Lower Upper
97 100	
83 93.2	70.6 106.0
85 67.3	45.0 67.4
99 62.2	50.2 75.2



#56
Ethyl methacrylate
Concen: 3.929 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 69	Resp: 20761
Ion Ratio	Lower Upper
69 100	
41 65.7	51.2 76.8
39 43.9	31.4 47.2





#57

1,3-Dichloropropane

Concen: 4.360 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

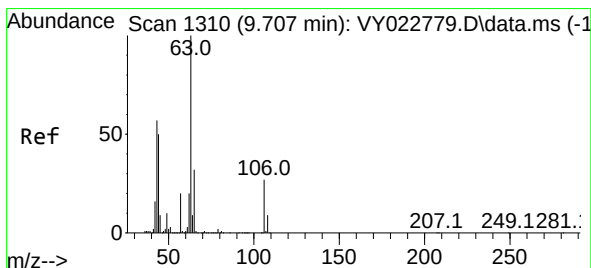
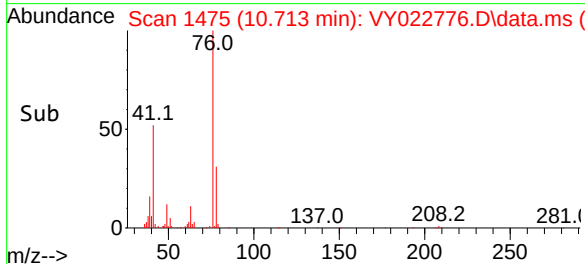
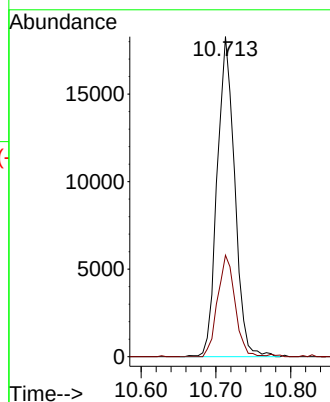
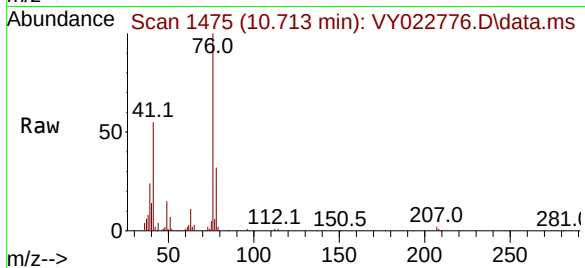
VSTDICC005

Tgt Ion: 76 Resp: 29874

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 21.672 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022776.D

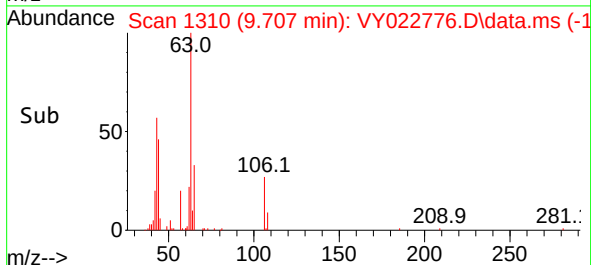
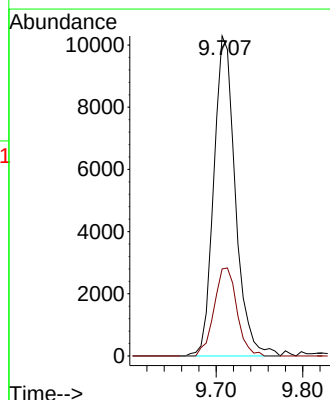
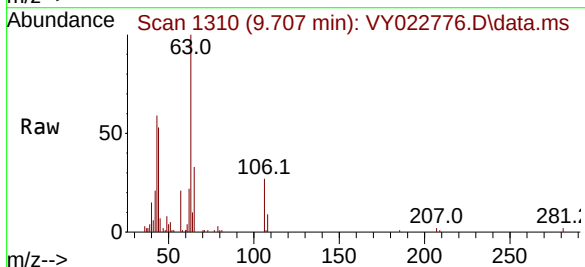
Acq: 23 Jun 2025 13:38

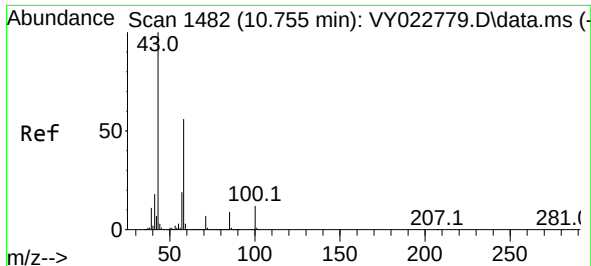
Tgt Ion: 63 Resp: 17827

Ion Ratio Lower Upper

63 100

106 28.9 22.3 33.5

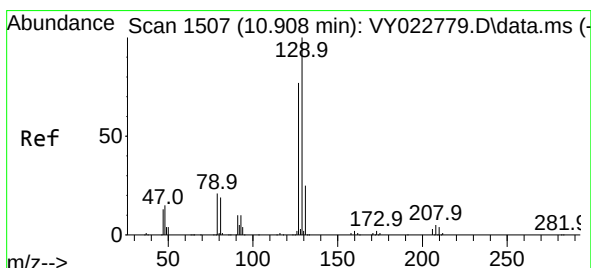
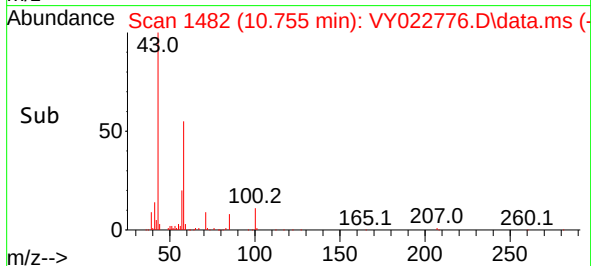
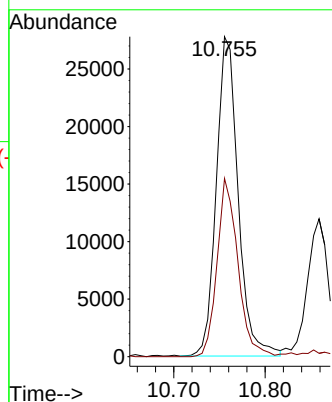
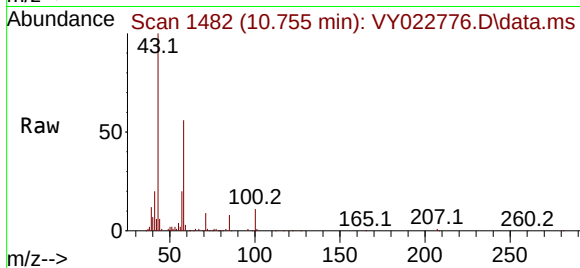




#59
2-Hexanone
Concen: 20.050 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

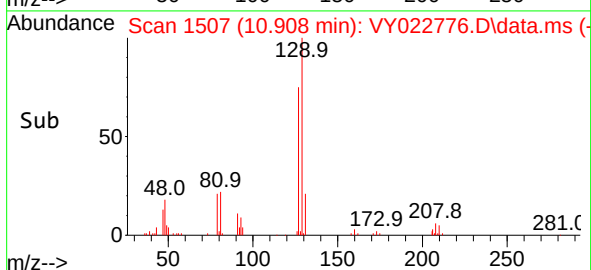
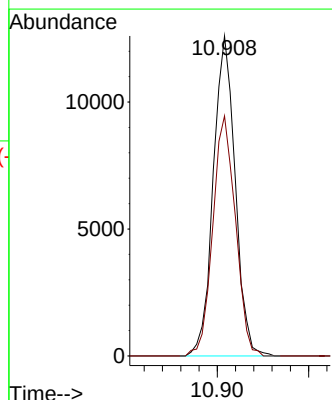
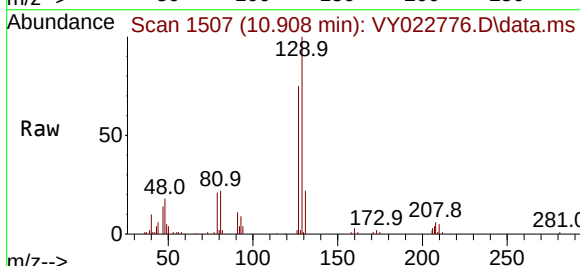
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

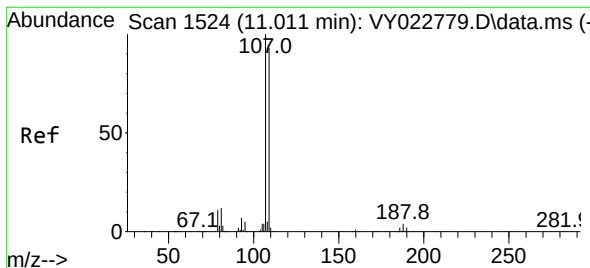
Tgt Ion: 43 Resp: 46132
Ion Ratio Lower Upper
43 100
58 53.2 28.0 83.9



#60
Dibromochloromethane
Concen: 4.132 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 129 Resp: 20962
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.1

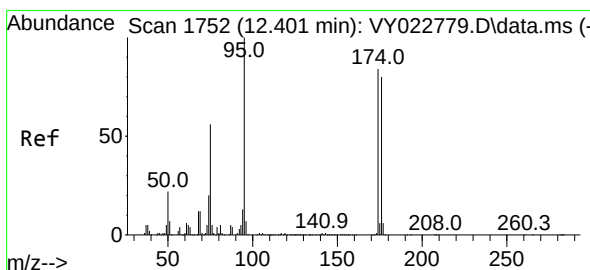
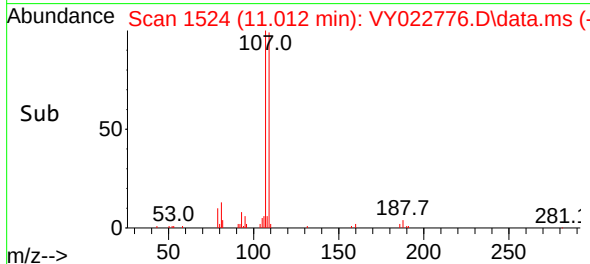
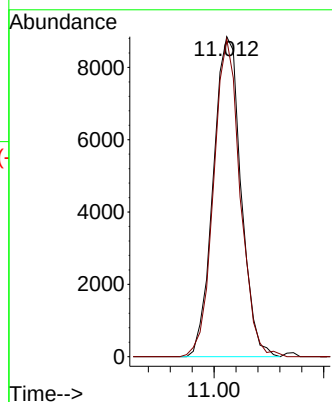
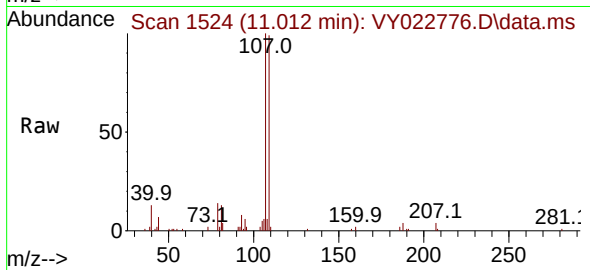




#61
1,2-Dibromoethane
Concen: 4.239 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

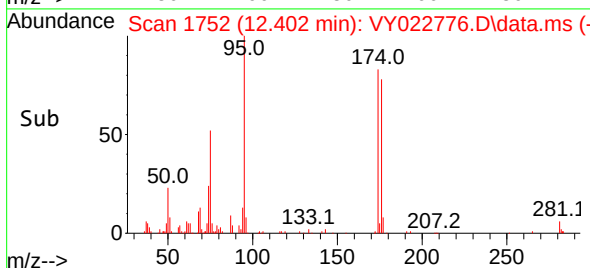
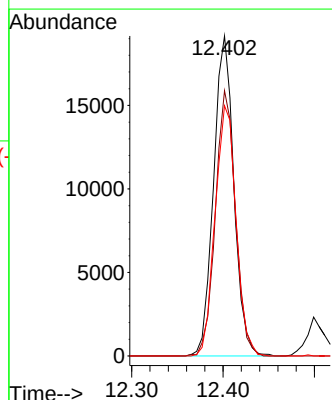
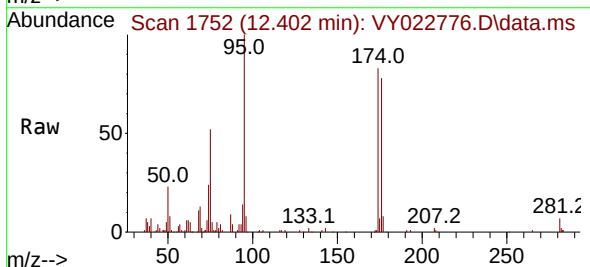
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

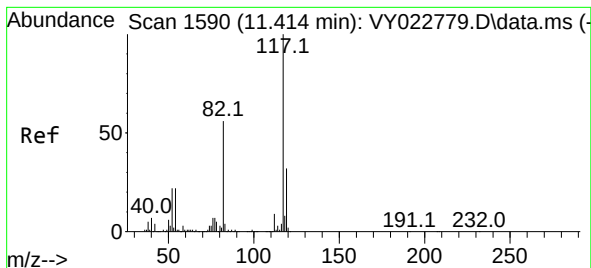
Tgt Ion:107 Resp: 15579
Ion Ratio Lower Upper
107 100
109 94.9 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 4.738 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 95 Resp: 29609
Ion Ratio Lower Upper
95 100
174 81.9 0.0 168.2
176 80.8 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

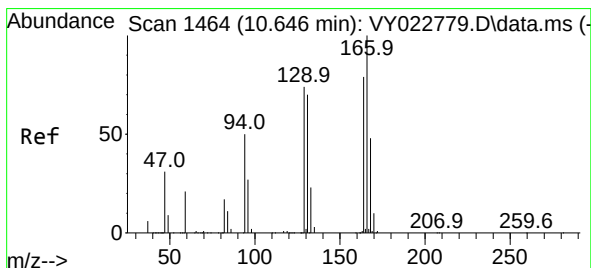
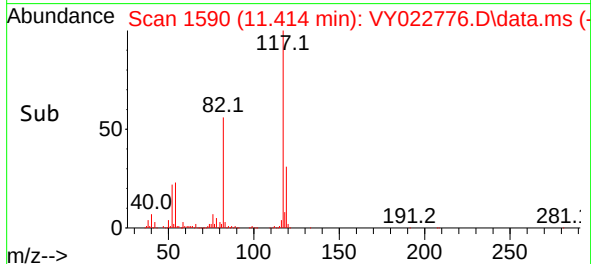
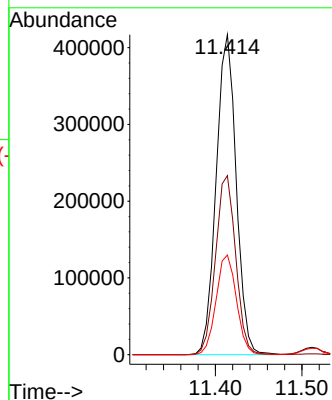
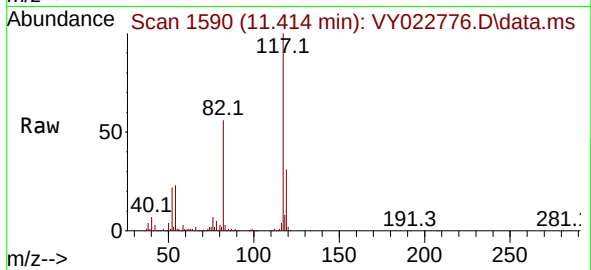
Tgt Ion:117 Resp: 670807

Ion Ratio Lower Upper

117 100

82 56.0 45.1 67.7

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 4.227 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Tgt Ion:164 Resp: 26784

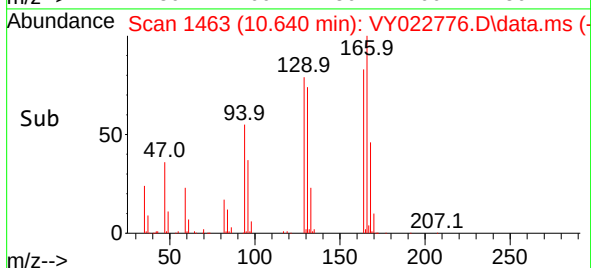
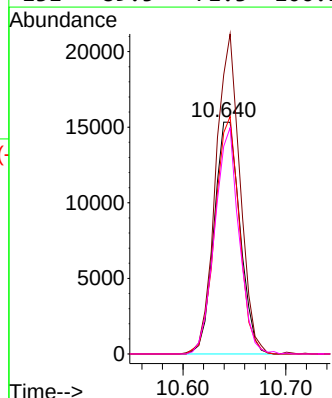
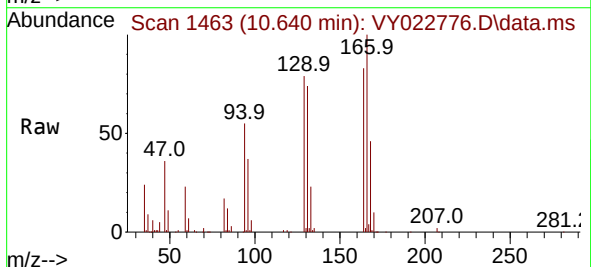
Ion Ratio Lower Upper

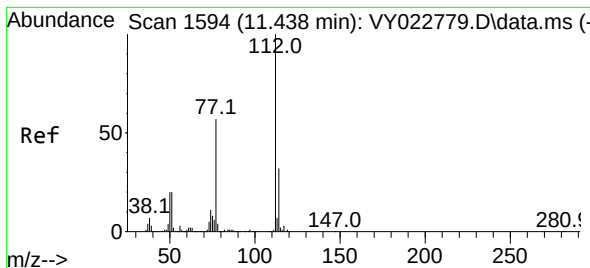
164 100

166 120.4 101.2 151.8

129 95.4 74.7 112.1

131 89.5 71.3 106.9





#65

Chlorobenzene

Concen: 4.465 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

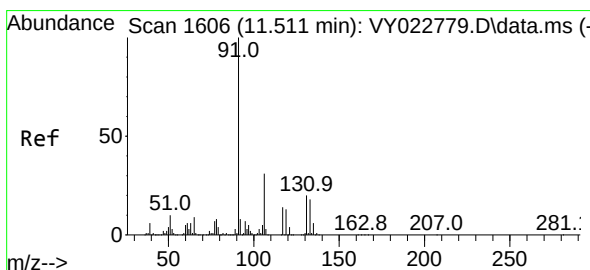
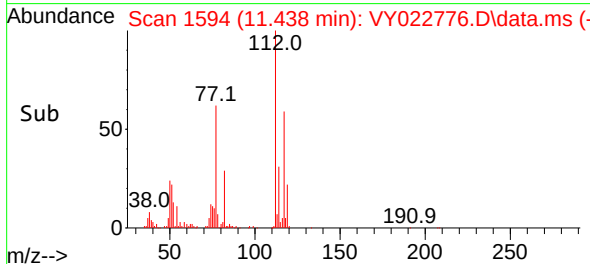
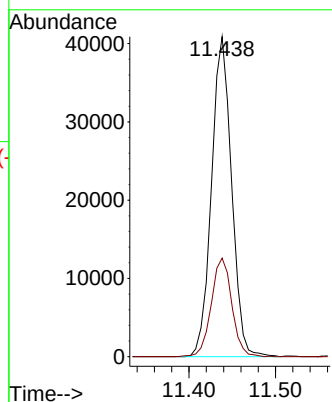
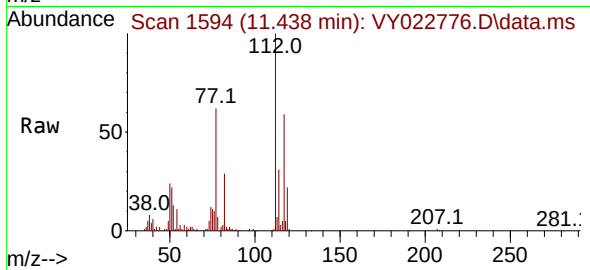
VSTDIC005

Tgt Ion:112 Resp: 65810

Ion Ratio Lower Upper

112 100

114 30.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.226 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

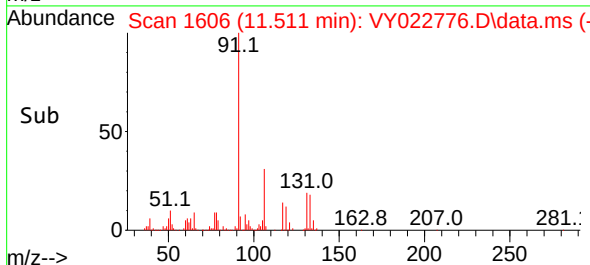
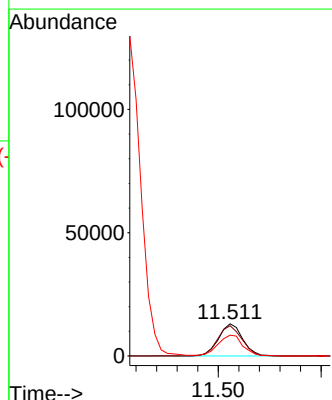
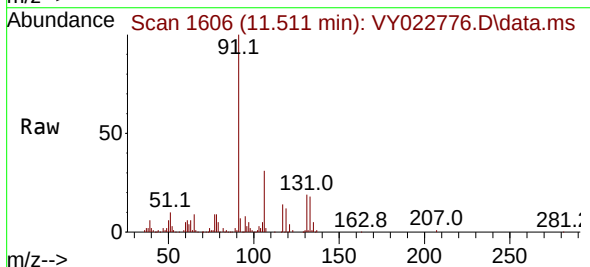
Tgt Ion:131 Resp: 21097

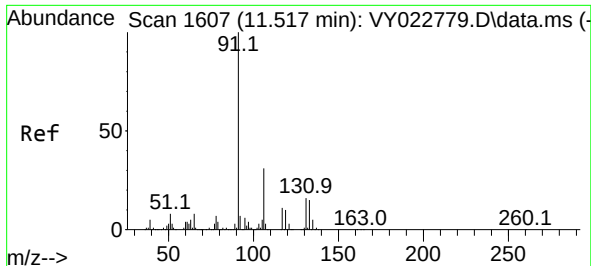
Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.9

119 67.4 32.9 98.7





#67

Ethyl Benzene

Concen: 4.257 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

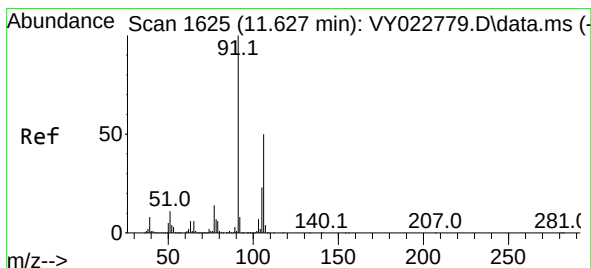
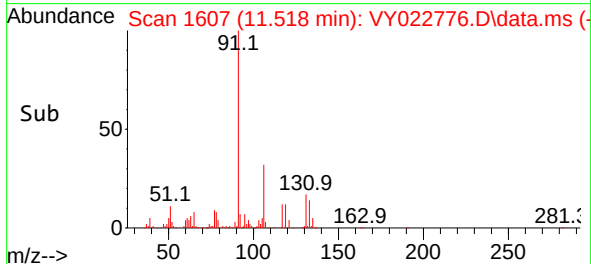
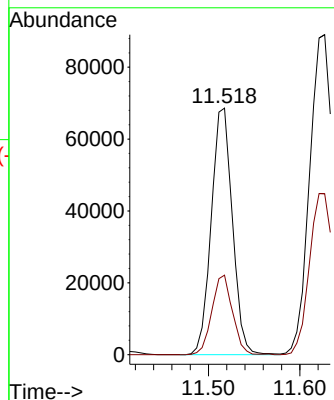
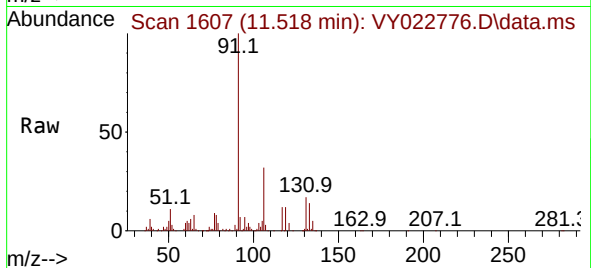
VSTDIC005

Tgt Ion: 91 Resp: 110258

Ion Ratio Lower Upper

91 100

106 32.3 25.0 37.4



#68

m/p-Xylenes

Concen: 8.364 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.006 min

Lab File: VY022776.D

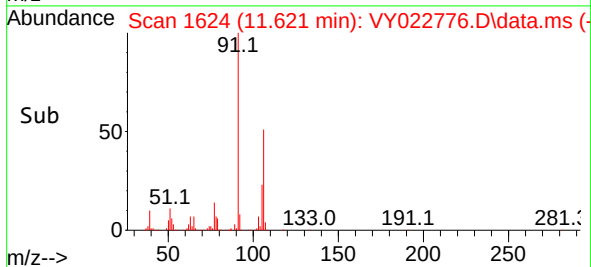
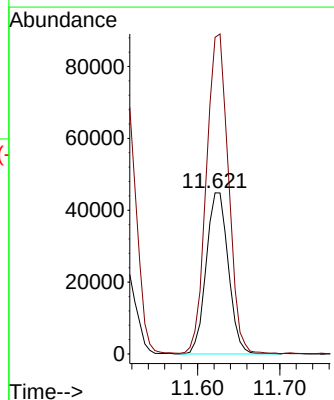
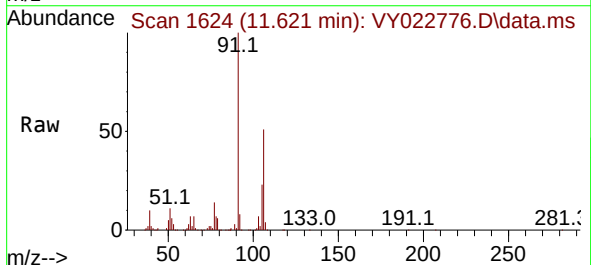
Acq: 23 Jun 2025 13:38

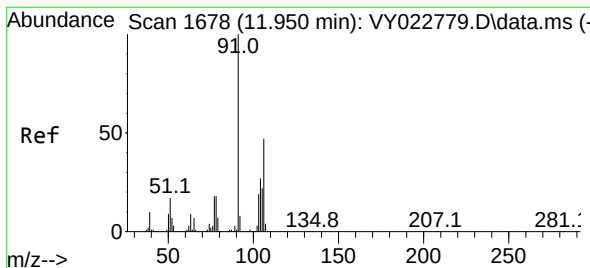
Tgt Ion:106 Resp: 83728

Ion Ratio Lower Upper

106 100

91 198.2 160.4 240.6

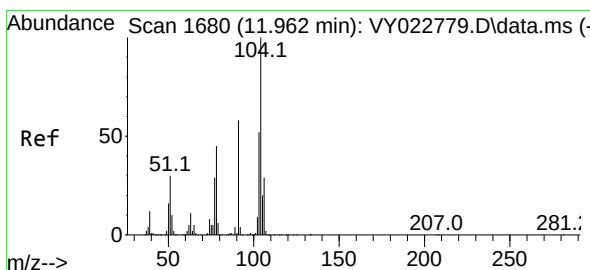
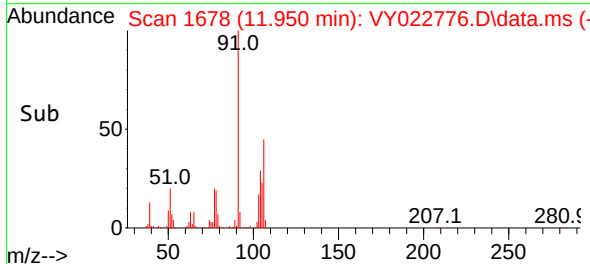
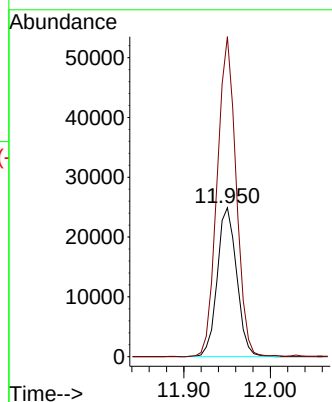
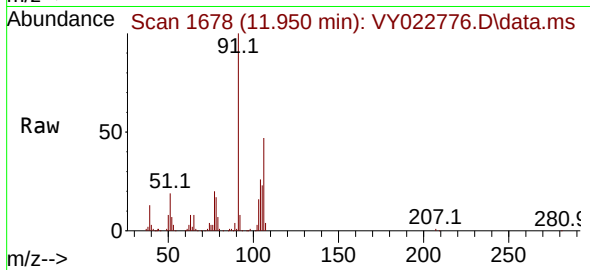




#69
o-Xylene
Concen: 4.107 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

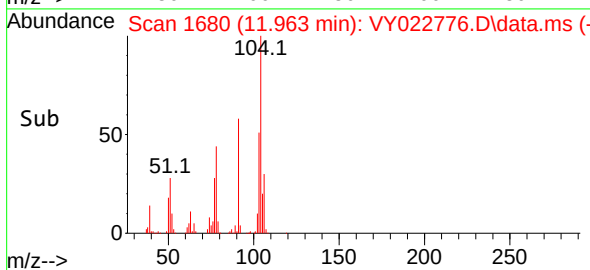
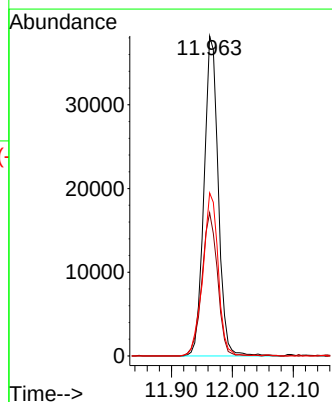
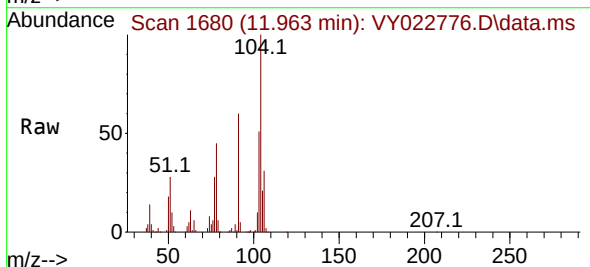
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

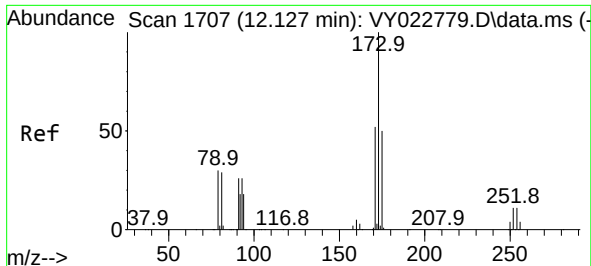
Tgt Ion:106 Resp: 38740
Ion Ratio Lower Upper
106 100
91 211.1 106.9 320.8



#70
Styrene
Concen: 3.930 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion:104 Resp: 62104
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 55.1 43.7 65.5

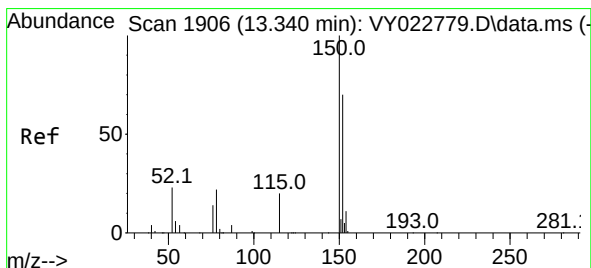
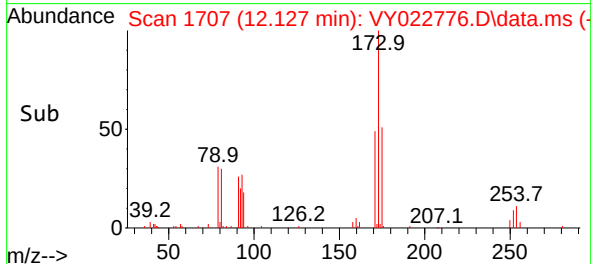
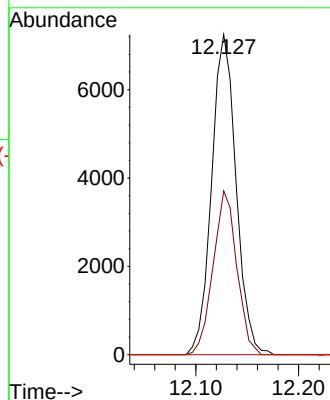
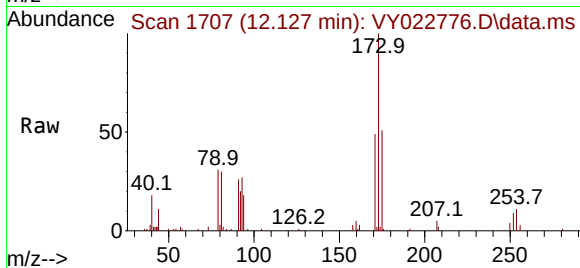




#71
Bromoform
Concen: 4.302 ug/l
RT: 12.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

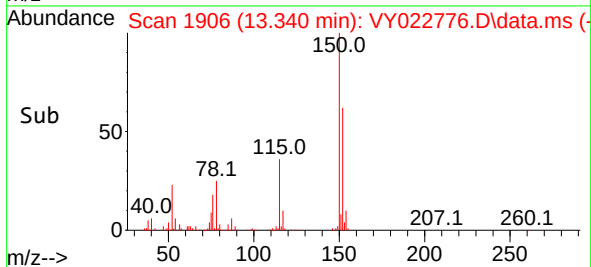
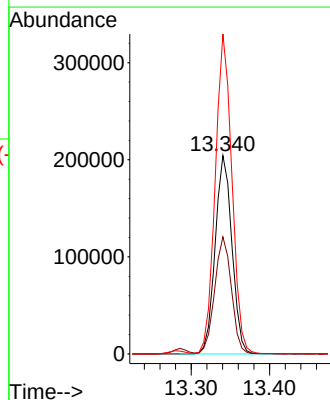
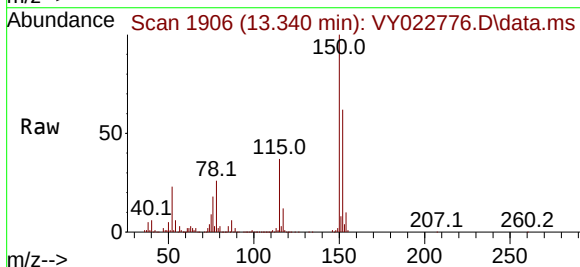
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

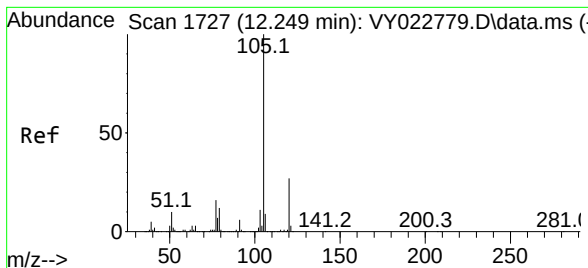
Tgt Ion:173 Resp: 11959
Ion Ratio Lower Upper
173 100
175 49.6 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion:152 Resp: 304230
Ion Ratio Lower Upper
152 100
115 59.1 28.1 84.3
150 160.0 0.0 346.4





#73

Isopropylbenzene

Concen: 4.534 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

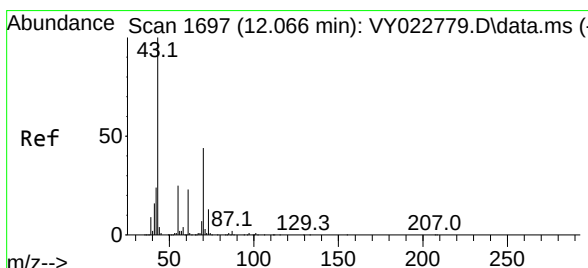
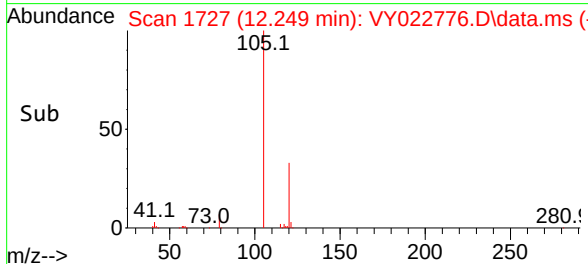
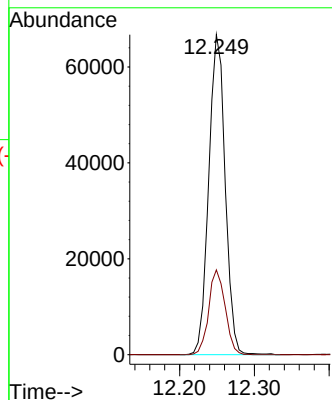
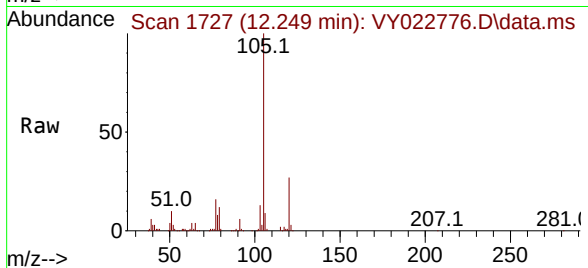
VSTDIC005

Tgt Ion:105 Resp: 102024

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#74

N-ethyl acetate

Concen: 4.096 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Tgt Ion: 43 Resp: 20685

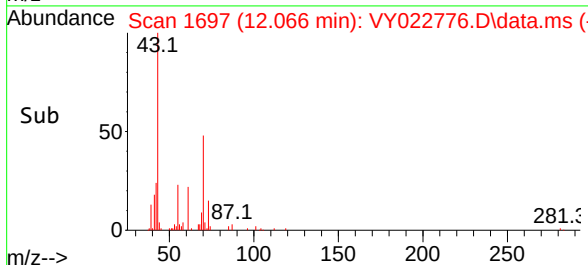
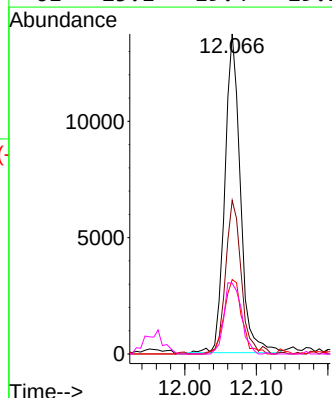
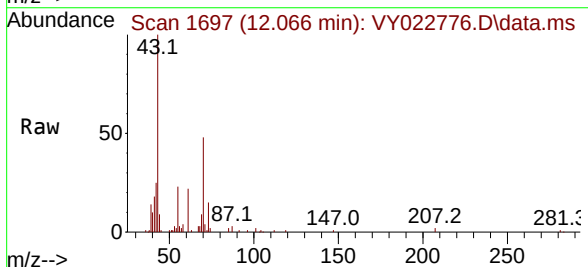
Ion Ratio Lower Upper

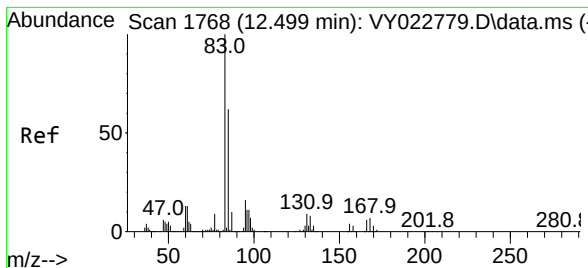
43 100

70 48.6 35.8 53.6

55 26.6 19.9 29.9

61 25.1 19.4 29.2

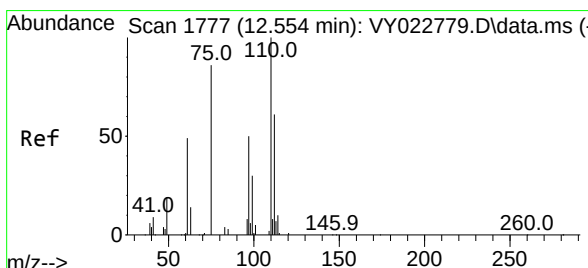
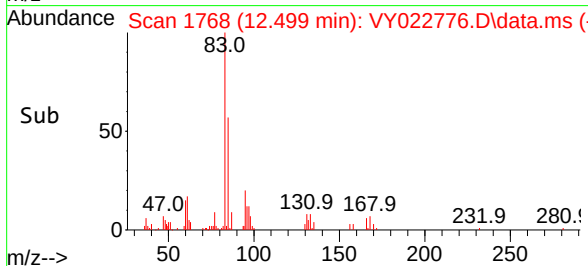
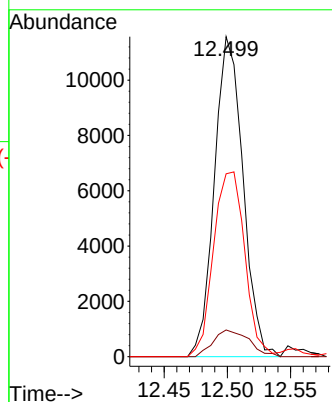
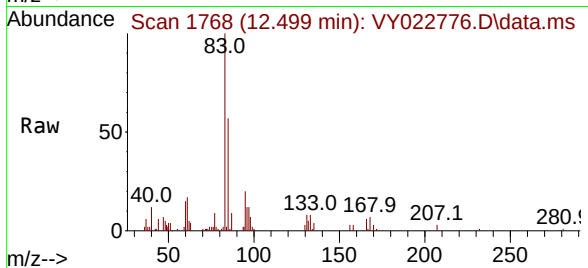




#75
1,1,2,2-Tetrachloroethane
Concen: 5.005 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

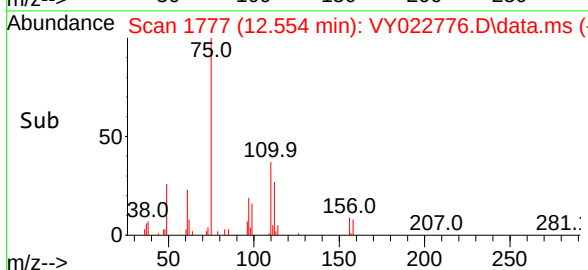
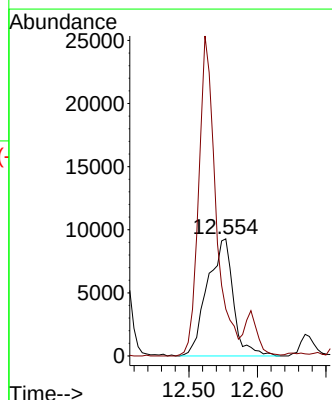
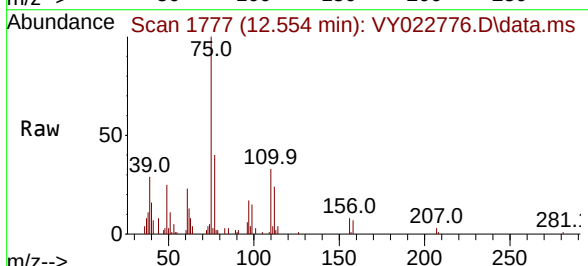
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

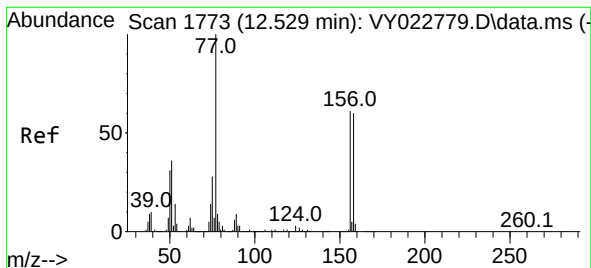
Tgt Ion: 83 Resp: 18149
Ion Ratio Lower Upper
83 100
131 10.5 5.2 15.6
85 63.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 7.602 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 75 Resp: 24353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.547 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

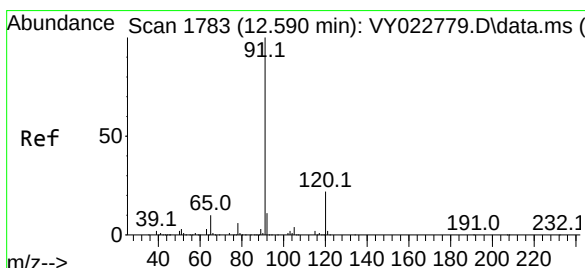
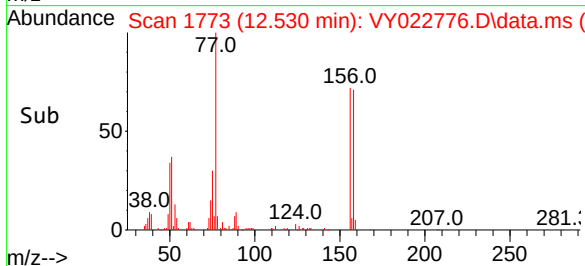
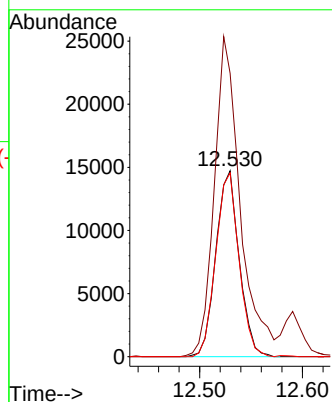
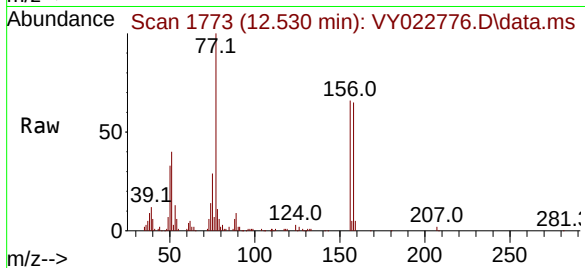
Tgt Ion:156 Resp: 23191

Ion Ratio Lower Upper

156 100

77 191.0 93.4 280.2

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 4.644 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022776.D

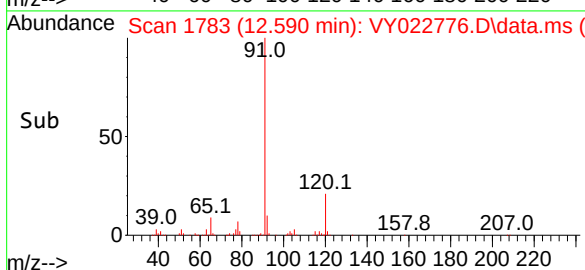
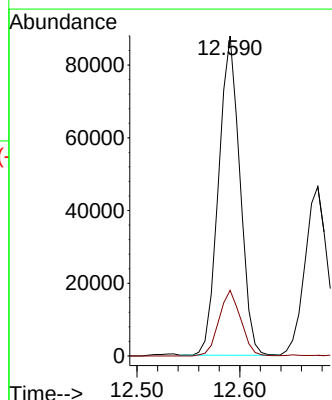
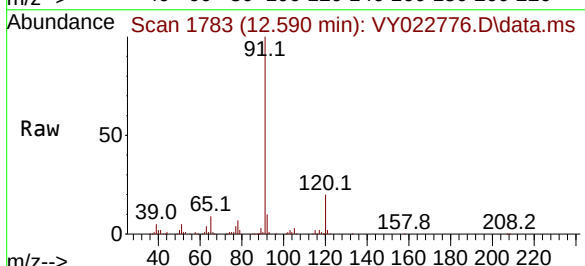
Acq: 23 Jun 2025 13:38

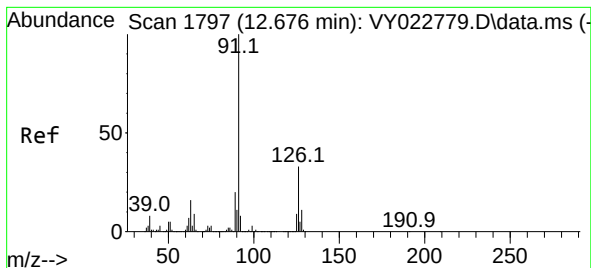
Tgt Ion: 91 Resp: 126153

Ion Ratio Lower Upper

91 100

120 21.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 4.609 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

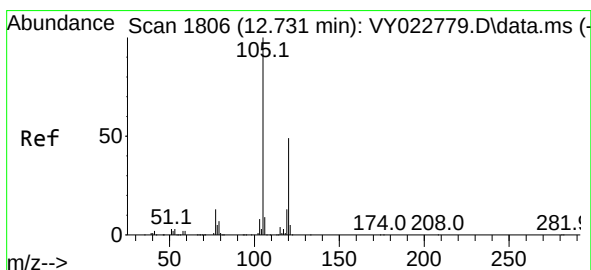
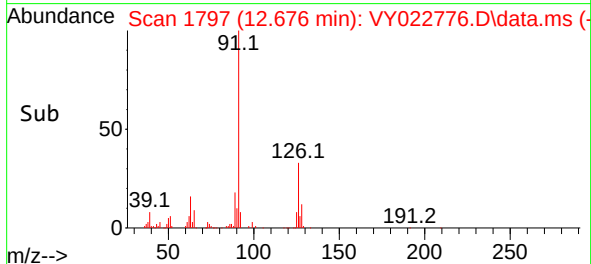
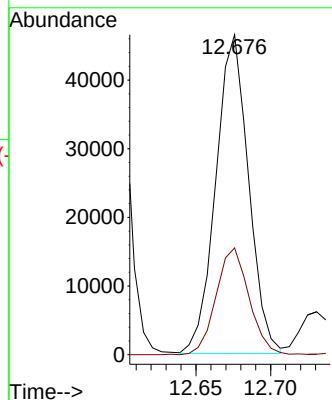
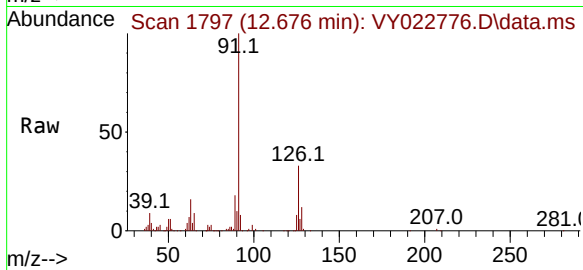
VSTDIC005

Tgt Ion: 91 Resp: 70735

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.462 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY022776.D

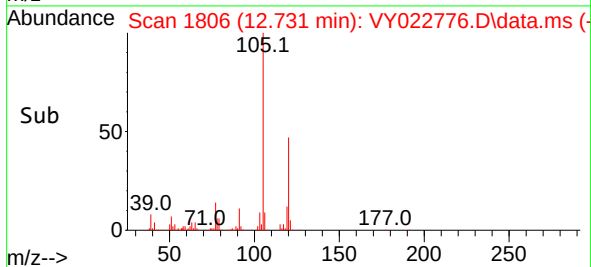
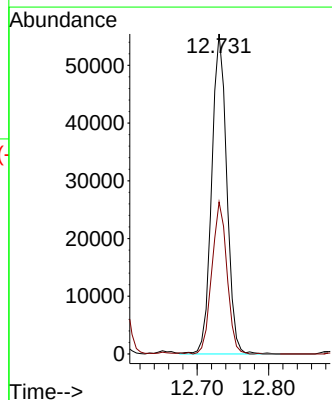
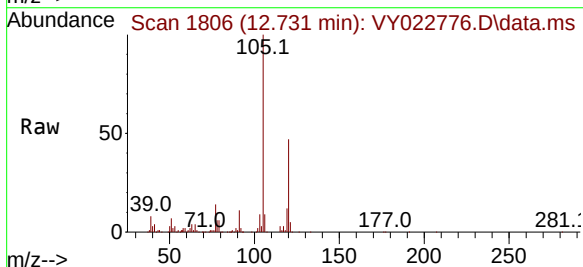
Acq: 23 Jun 2025 13:38

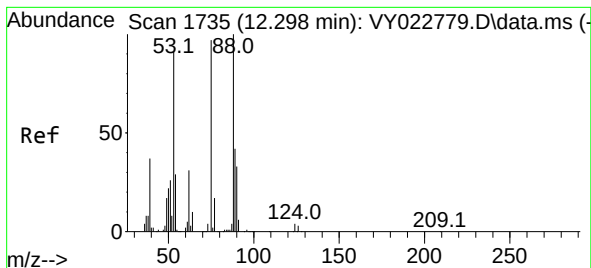
Tgt Ion: 105 Resp: 81045

Ion Ratio Lower Upper

105 100

120 47.5 24.8 74.3

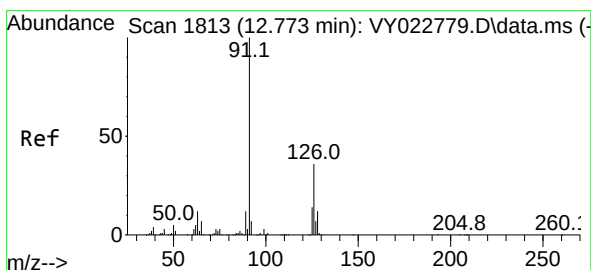
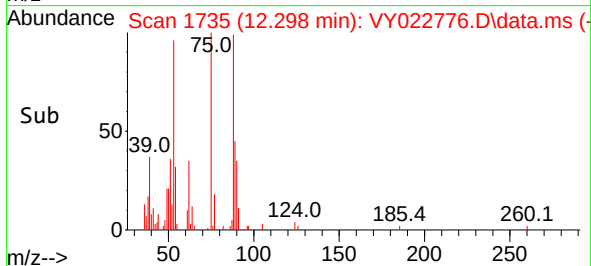
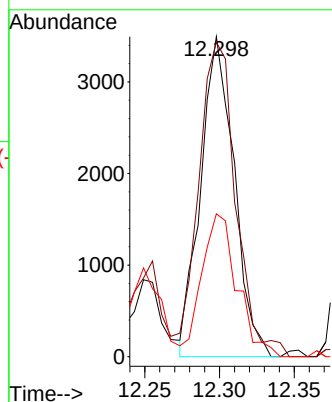
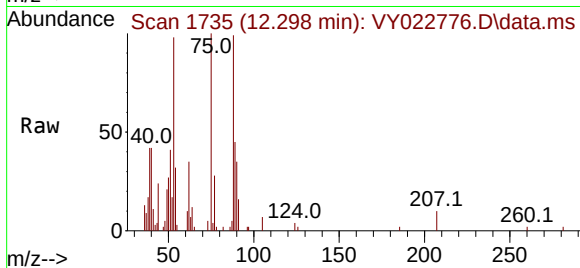




#81
trans-1,4-Dichloro-2-butene
Concen: 4.436 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

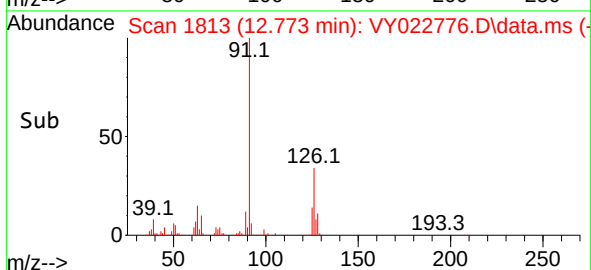
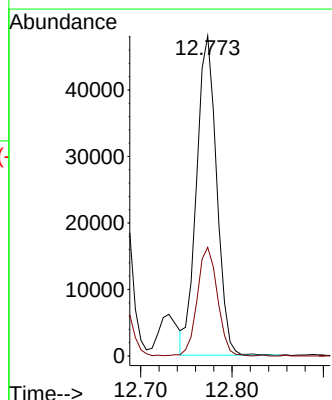
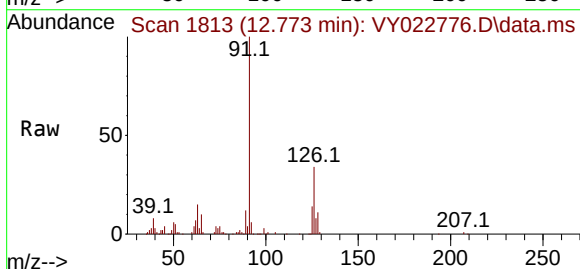
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

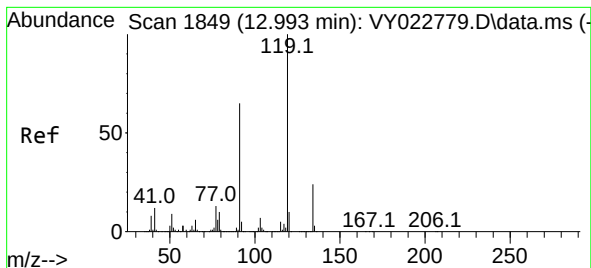
Tgt Ion: 75 Resp: 5453
Ion Ratio Lower Upper
75 100
53 108.9 79.7 119.5
89 47.0 36.8 55.2



#82
4-Chlorotoluene
Concen: 4.549 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion: 91 Resp: 73344
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.7





#83

tert-Butylbenzene

Concen: 4.577 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

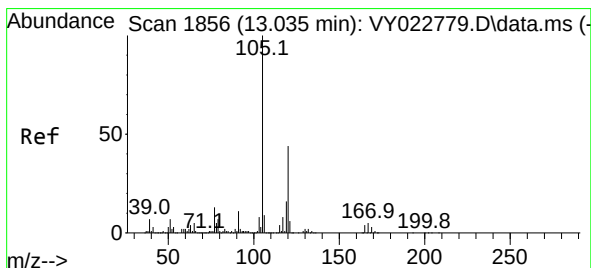
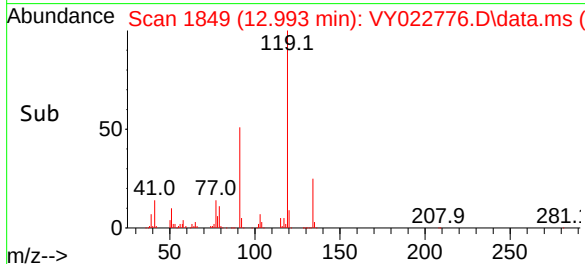
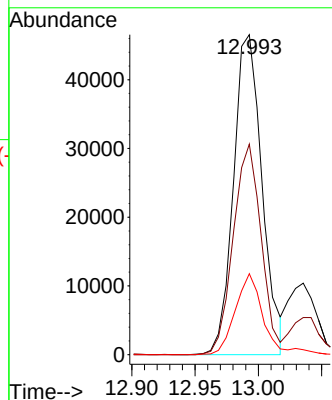
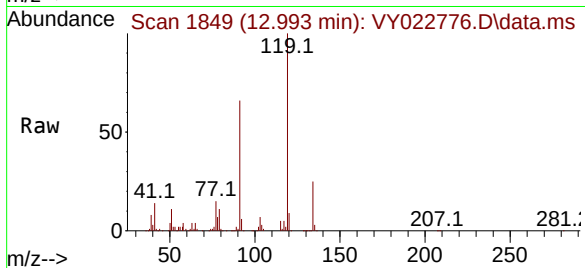
Tgt Ion:119 Resp: 73316

Ion Ratio Lower Upper

119 100

91 64.2 32.6 98.0

134 25.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 4.268 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022776.D

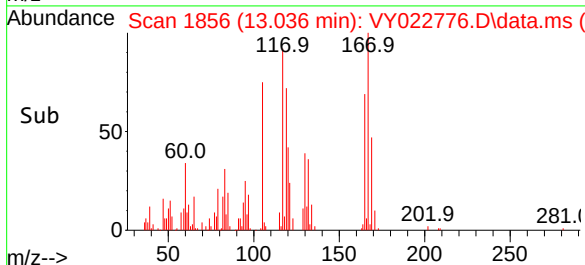
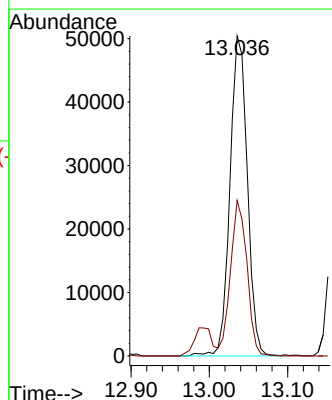
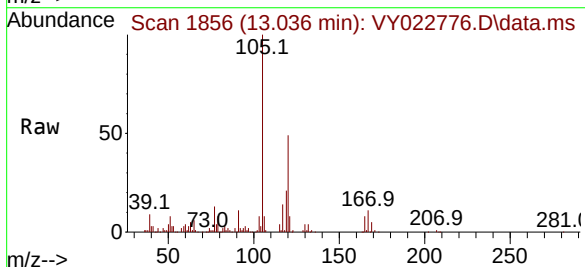
Acq: 23 Jun 2025 13:38

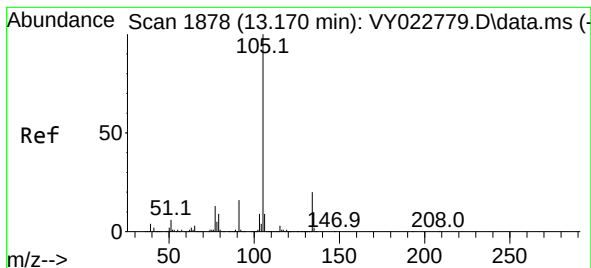
Tgt Ion:105 Resp: 77619

Ion Ratio Lower Upper

105 100

120 45.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.580 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

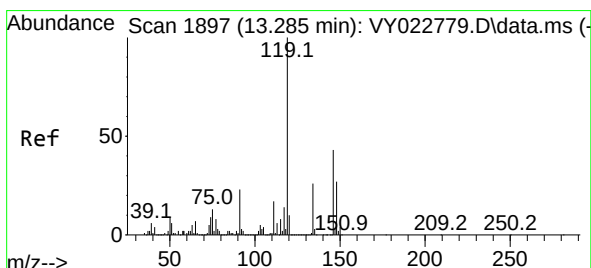
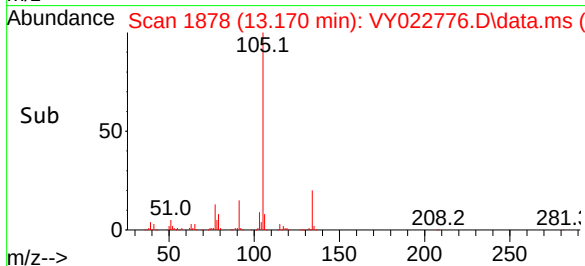
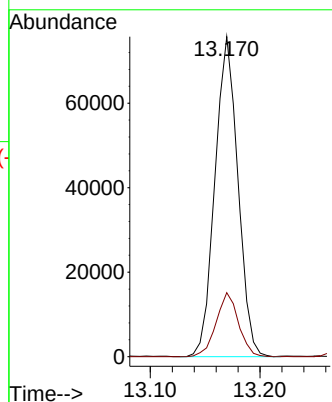
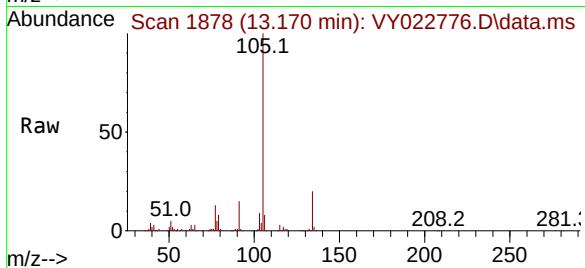
VSTDIC005

Tgt Ion:105 Resp: 110395

Ion Ratio Lower Upper

105 100

134 19.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 4.380 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

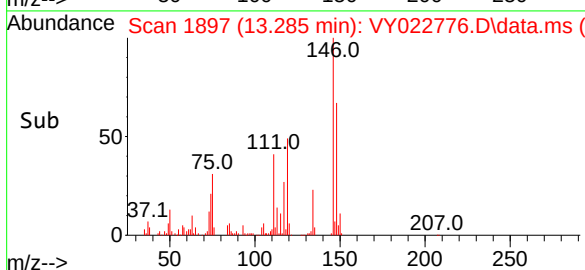
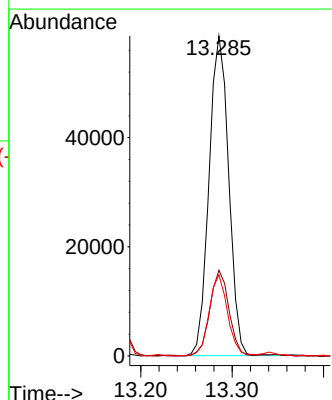
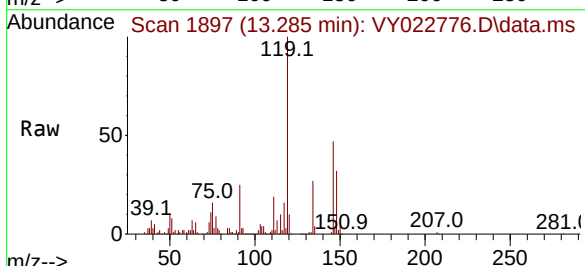
Tgt Ion:119 Resp: 87840

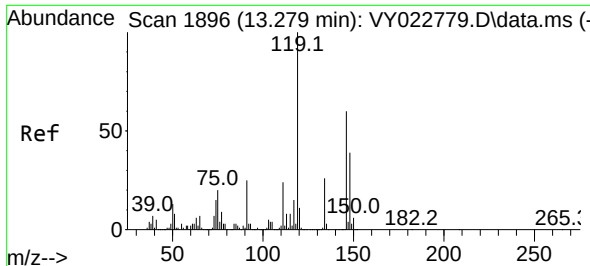
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.9 11.6 34.8

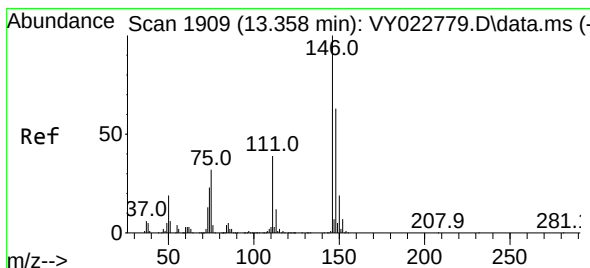
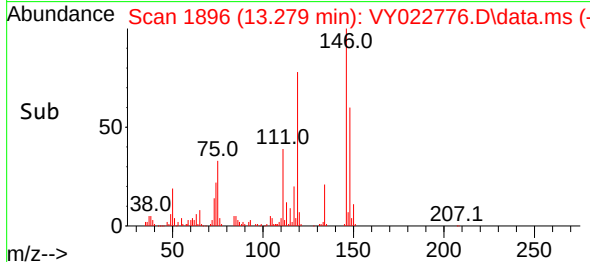
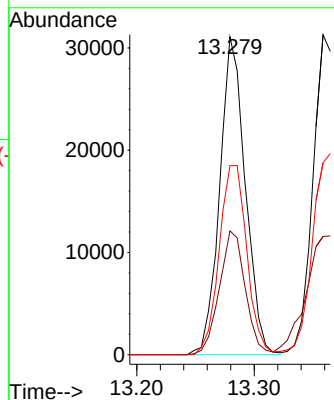
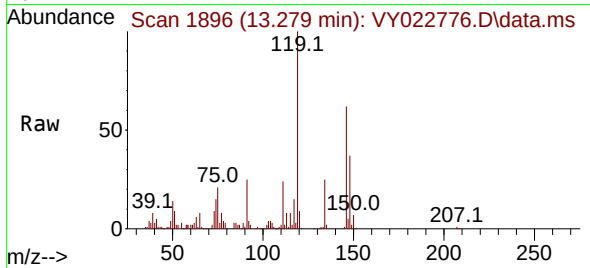




#87
1,3-Dichlorobenzene
Concen: 4.591 ug/l
RT: 13.279 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

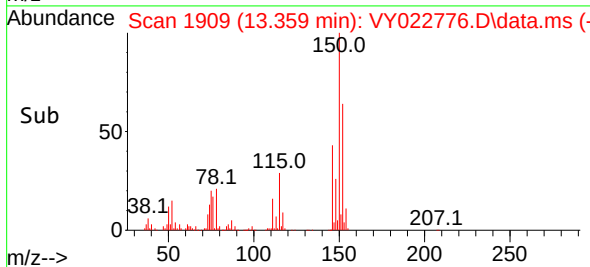
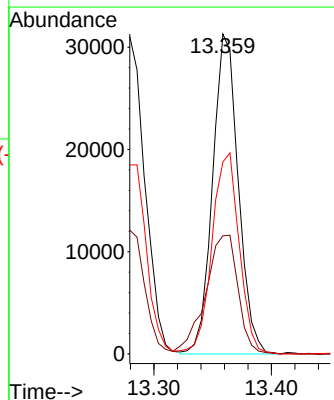
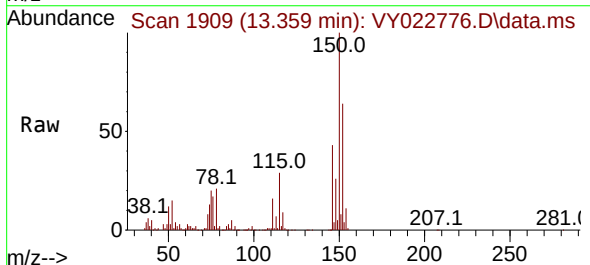
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

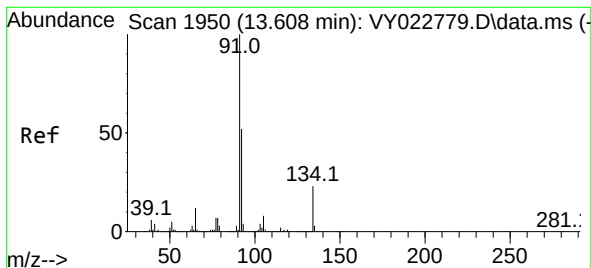
Tgt Ion:146 Resp: 47028
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 64.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 4.676 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VY022776.D
Acq: 23 Jun 2025 13:38

Tgt Ion:146 Resp: 47574
Ion Ratio Lower Upper
146 100
111 46.9 19.3 57.9
148 66.5 31.7 95.1





#89

n-Butylbenzene

Concen: 4.538 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

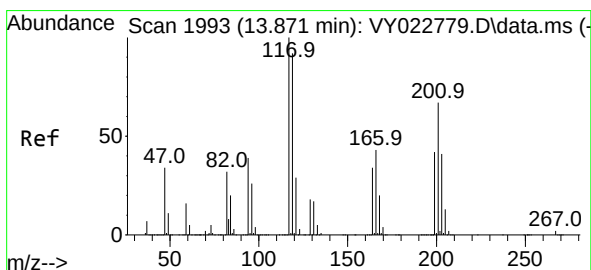
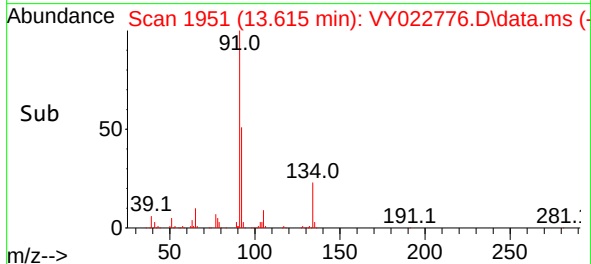
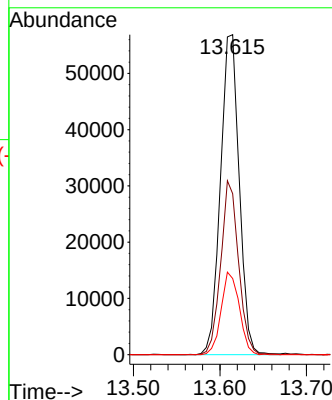
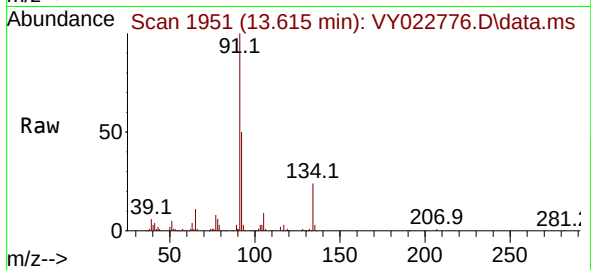
Tgt Ion: 91 Resp: 85615

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 25.0 12.2 36.6



#90

Hexachloroethane

Concen: 4.710 ug/l

RT: 13.871 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY022776.D

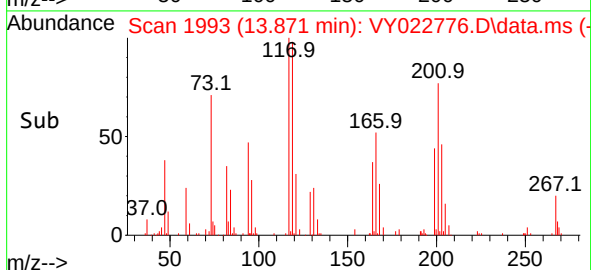
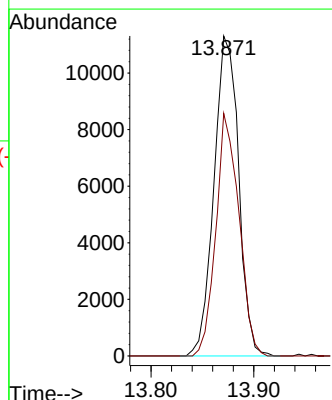
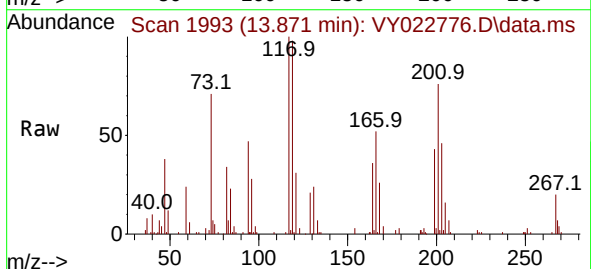
Acq: 23 Jun 2025 13:38

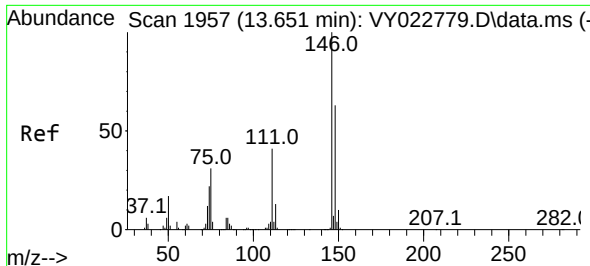
Tgt Ion: 117 Resp: 18815

Ion Ratio Lower Upper

117 100

201 71.1 35.5 106.7

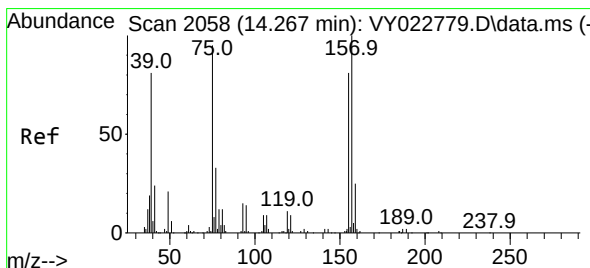
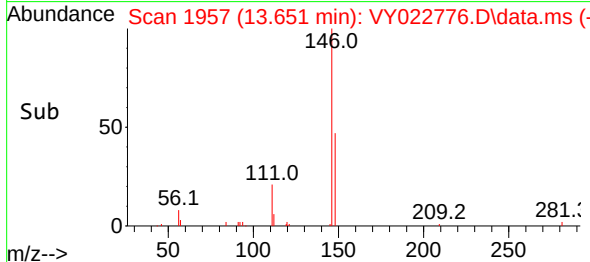
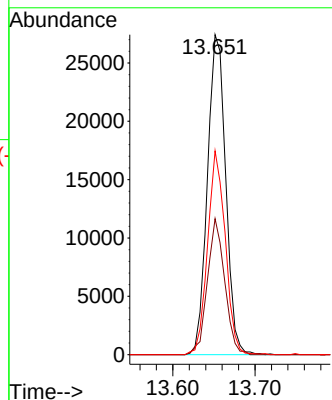
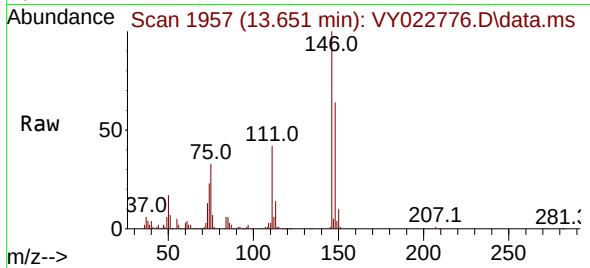




#91
 1,2-Dichlorobenzene
 Concen: 4.700 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

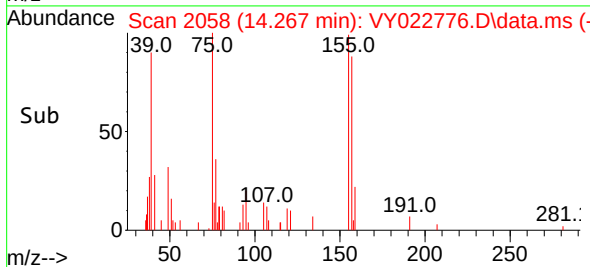
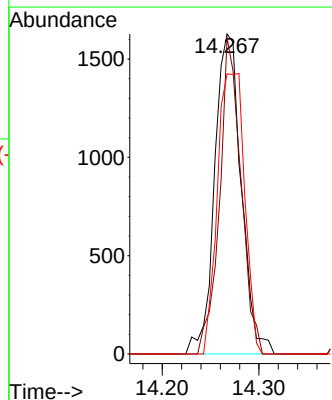
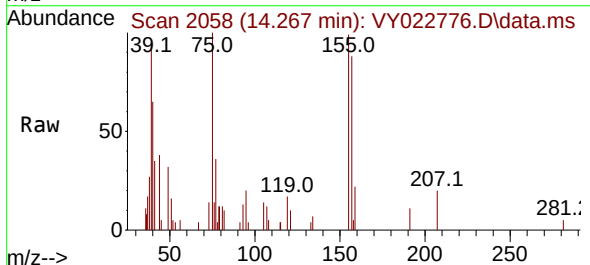
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

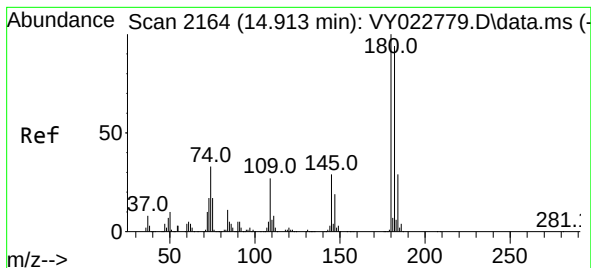
Tgt Ion:	146	Resp:	42426
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.6
148	61.5	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.049 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY022776.D
 Acq: 23 Jun 2025 13:38

Tgt Ion:	75	Resp:	3105
Ion	Ratio	Lower	Upper
75	100		
155	79.6	41.6	124.9
157	89.6	52.6	157.8





#93

1,2,4-Trichlorobenzene

Concen: 4.641 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

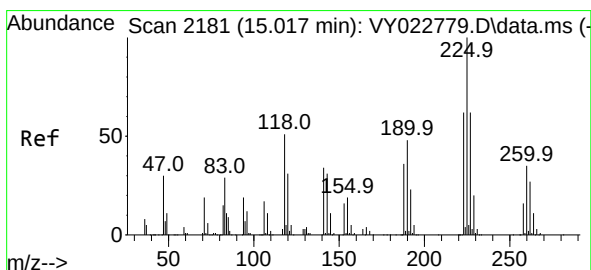
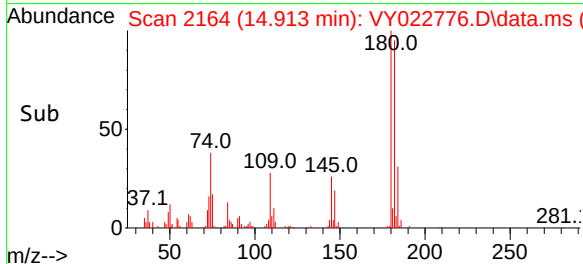
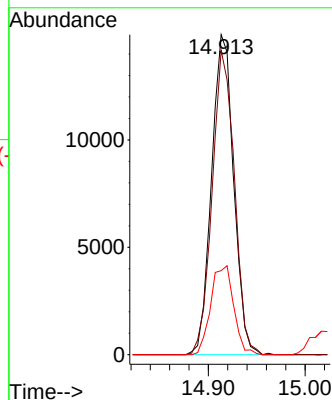
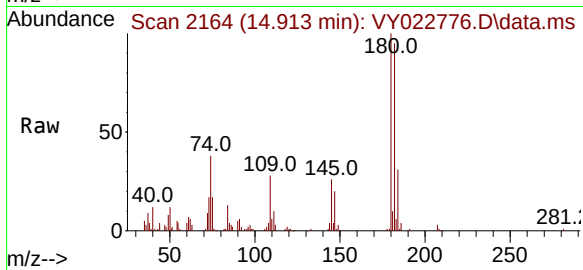
Tgt Ion:180 Resp: 23654

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 28.8 15.0 45.0



#94

Hexachlorobutadiene

Concen: 5.444 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

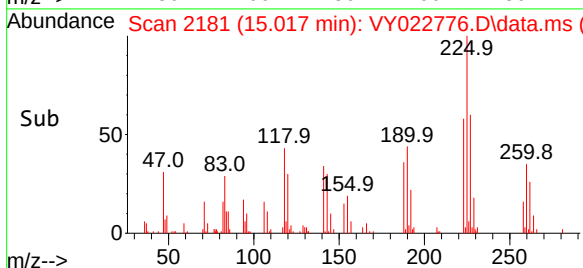
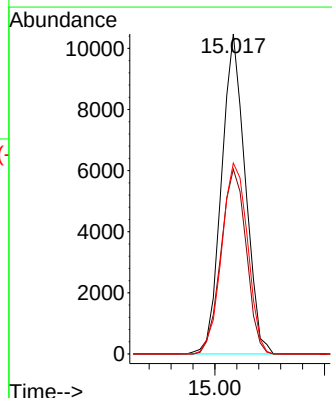
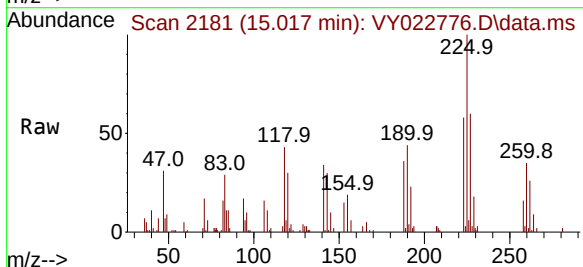
Tgt Ion:225 Resp: 15690

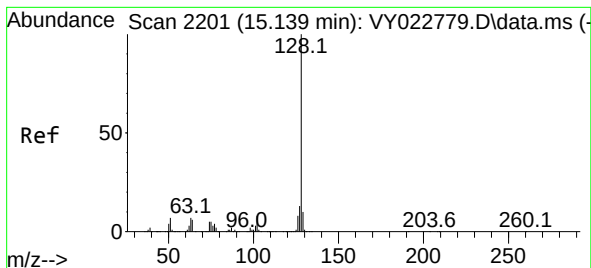
Ion Ratio Lower Upper

225 100

223 61.3 30.9 92.5

227 65.1 31.6 94.8





#95

Naphthalene

Concen: 4.092 ug/l

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

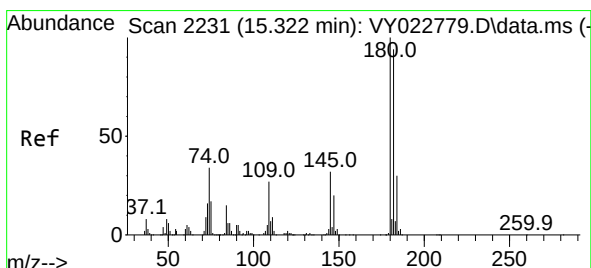
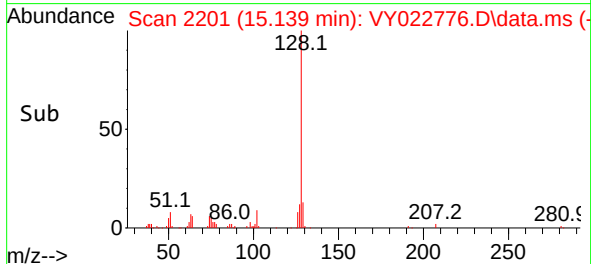
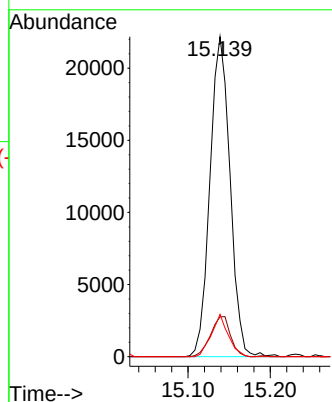
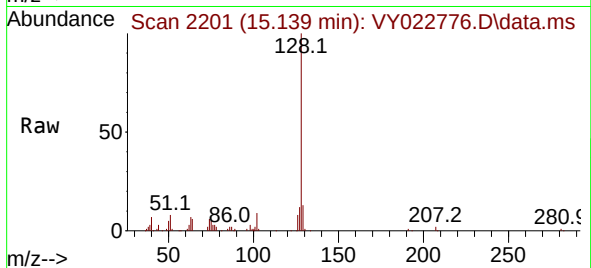
Tgt Ion:128 Resp: 37712

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.692 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY022776.D

Acq: 23 Jun 2025 13:38

Tgt Ion:180 Resp: 20664

Ion Ratio Lower Upper

180 100

182 91.9 46.7 140.1

145 31.4 15.8 47.4

