

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021954.D
 Acq On : 22 Apr 2025 14:44
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 23 02:08:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	292096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	462235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	418471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	217358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27856	10.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.640%#
35) Dibromofluoromethane	7.634	113	31560	10.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.660%#
50) Toluene-d8	10.103	98	116480	10.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.240%#
62) 4-Bromofluorobenzene	12.407	95	39704	10.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.480%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	27882	11.202	ug/l	95
3) Chloromethane	2.068	50	39169	11.052	ug/l	91
4) Vinyl Chloride	2.202	62	48475	11.131	ug/l	98
5) Bromomethane	2.598	94	40742	10.859	ug/l	98
6) Chloroethane	2.732	64	32122	10.830	ug/l	95
7) Trichlorofluoromethane	3.055	101	62819	10.939	ug/l	94
8) Diethyl Ether	3.452	74	15517	10.381	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	34542	11.088	ug/l	99
10) Methyl Iodide	4.000	142	36146	10.021	ug/l	99
11) Tert butyl alcohol	4.866	59	7087	47.846	ug/l	95
12) 1,1-Dichloroethene	3.787	96	31073	10.701	ug/l	94
13) Acrolein	3.647	56	13091	49.243	ug/l	96
14) Allyl chloride	4.378	41	35457	10.487	ug/l	97
15) Acrylonitrile	5.055	53	26314	48.088	ug/l	96
16) Acetone	3.872	43	24497	52.492	ug/l	99
17) Carbon Disulfide	4.104	76	101496	10.962	ug/l	96
18) Methyl Acetate	4.378	43	11687	9.273	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	62306	9.587	ug/l	96
20) Methylene Chloride	4.610	84	36539	10.710	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	33752	10.379	ug/l	97
22) Diisopropyl ether	6.012	45	75451	10.028	ug/l	94
23) Vinyl Acetate	5.957	43	199753	49.260	ug/l	99
24) 1,1-Dichloroethane	5.915	63	55067	10.558	ug/l	97
25) 2-Butanone	6.890	43	31349	50.973	ug/l	100
26) 2,2-Dichloropropane	6.884	77	48501	10.610	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	37281	10.253	ug/l	99
28) Bromochloromethane	7.238	49	21122	10.426	ug/l	99
29) Tetrahydrofuran	7.262	42	18883	47.274	ug/l	100
30) Chloroform	7.414	83	61088	10.559	ug/l	99
31) Cyclohexane	7.701	56	50083	11.229	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	55163	10.540	ug/l	97
36) 1,1-Dichloropropene	7.835	75	43496	10.604	ug/l	98
37) Ethyl Acetate	6.982	43	14357	9.878	ug/l	96
38) Carbon Tetrachloride	7.817	117	52079	10.625	ug/l	100
39) Methylcyclohexane	9.109	83	52625	10.194	ug/l	95
40) Benzene	8.079	78	133010	10.373	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	4816	5.978	ug/l #	55
42) 1,2-Dichloroethane	8.152	62	33939	10.690	ug/l	99
43) Isopropyl Acetate	8.195	43	27087	9.574	ug/l	98
44) Trichloroethene	8.865	130	37414	10.534	ug/l	91
45) 1,2-Dichloropropane	9.140	63	29327	10.342	ug/l	98
46) Dibromomethane	9.231	93	17848	10.055	ug/l	98
47) Bromodichloromethane	9.420	83	46552	10.498	ug/l	97
48) Methyl methacrylate	9.219	41	12035	9.202	ug/l	97
49) 1,4-Dioxane	9.231	88	3781	199.843	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	68951	46.490	ug/l	98
52) Toluene	10.170	92	84571	10.189	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	37699	9.911	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	45133	9.982	ug/l	95
55) 1,1,2-Trichloroethane	10.572	97	24166	10.192	ug/l	98
56) Ethyl methacrylate	10.438	69	23924	8.823	ug/l	98
57) 1,3-Dichloropropane	10.719	76	38787	10.204	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	55900	42.164	ug/l	98
59) 2-Hexanone	10.761	43	44419	45.407	ug/l	97
60) Dibromochloromethane	10.914	129	32807	9.994	ug/l	99
61) 1,2-Dibromoethane	11.011	107	22427	10.019	ug/l	99
64) Tetrachloroethene	10.646	164	43205	10.944	ug/l	99
65) Chlorobenzene	11.444	112	96442	10.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	34237	10.392	ug/l	99
67) Ethyl Benzene	11.517	91	153977	10.058	ug/l	96
68) m/p-Xylenes	11.627	106	120544	19.789	ug/l	100
69) o-Xylene	11.956	106	53458	9.521	ug/l	98
70) Styrene	11.969	104	90382	9.588	ug/l	99
71) Bromoform	12.133	173	18480	9.648	ug/l #	99
73) Isopropylbenzene	12.255	105	144167	9.928	ug/l	100
74) N-amyl acetate	12.072	43	23058	9.242	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	24413	9.971	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	32006	16.711	ug/l #	100
77) Bromobenzene	12.529	156	36127	9.845	ug/l	97
78) n-propylbenzene	12.596	91	173723	10.045	ug/l	98
79) 2-Chlorotoluene	12.682	91	101855	10.127	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	119871	10.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	7556	9.773	ug/l	98
82) 4-Chlorotoluene	12.779	91	108734	10.400	ug/l	100
83) tert-Butylbenzene	12.999	119	103541	9.649	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	118119	9.870	ug/l	100
85) sec-Butylbenzene	13.176	105	161907	10.311	ug/l	100
86) p-Isopropyltoluene	13.291	119	131120	9.834	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	77538	10.404	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	75043	10.167	ug/l	98
89) n-Butylbenzene	13.621	91	121297	10.177	ug/l	99
90) Hexachloroethane	13.877	117	30881	10.541	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	66159	10.178	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3955	10.153	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	34793	9.446	ug/l	98
94) Hexachlorobutadiene	15.023	225	23698	10.457	ug/l	98
95) Naphthalene	15.145	128	48366	7.904	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	29276	9.207	ug/l	98

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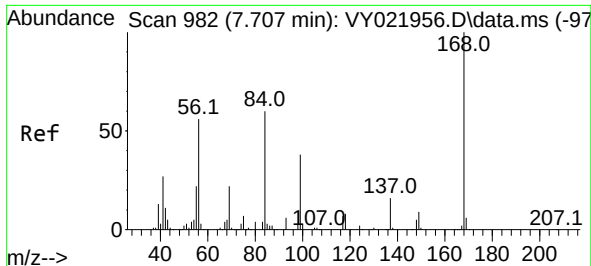
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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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

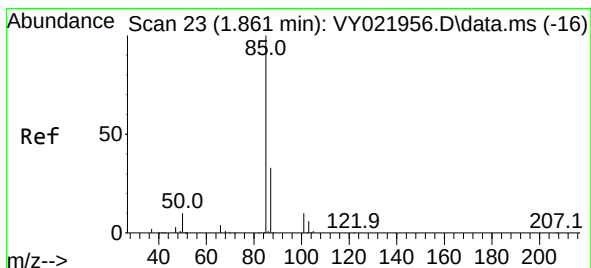
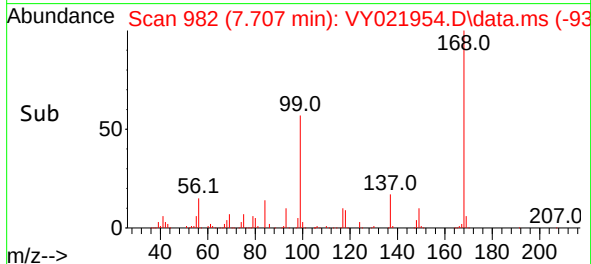
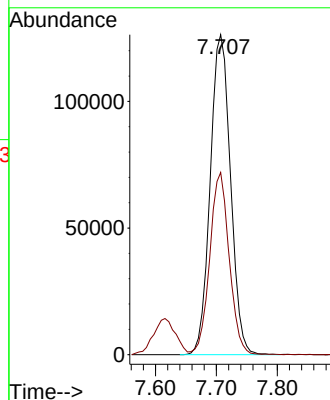
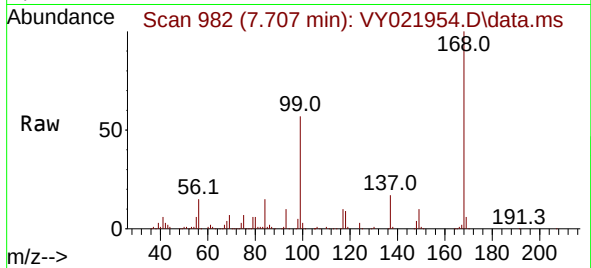
Instrument :
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ClientSampleId :
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

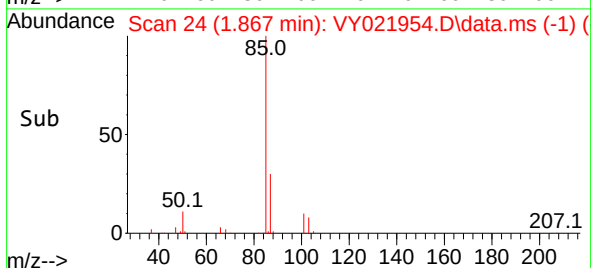
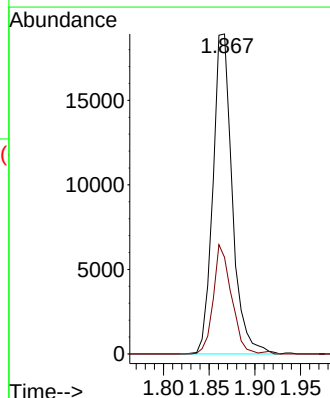
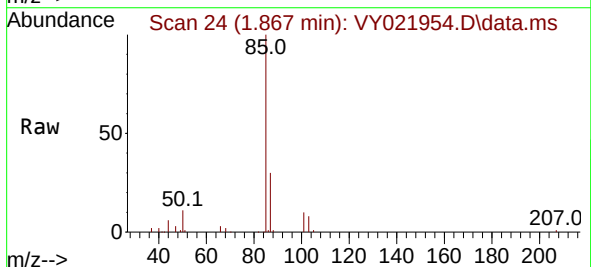
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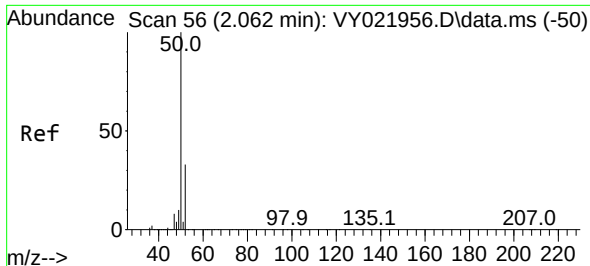
Tgt Ion:168 Resp: 292096
Ion Ratio Lower Upper
168 100
99 56.9 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 11.202 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 85 Resp: 27882
Ion Ratio Lower Upper
85 100
87 30.2 16.6 49.7

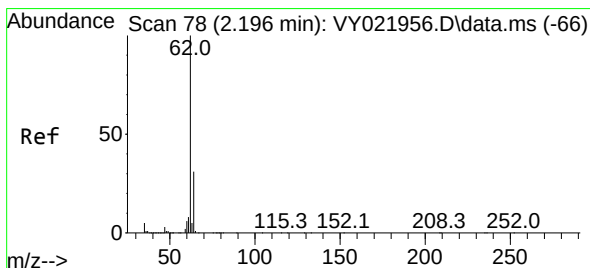
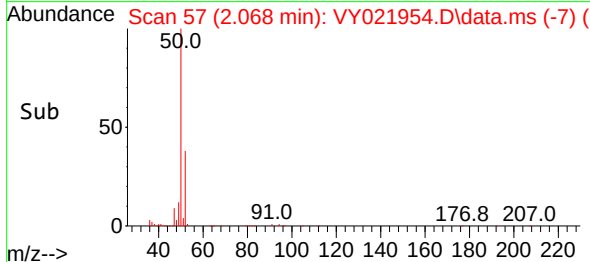
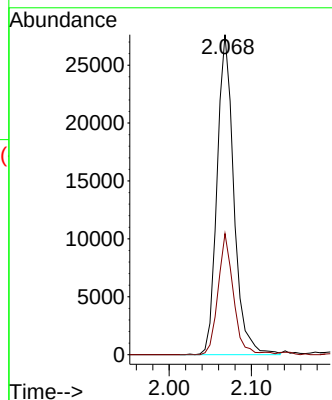
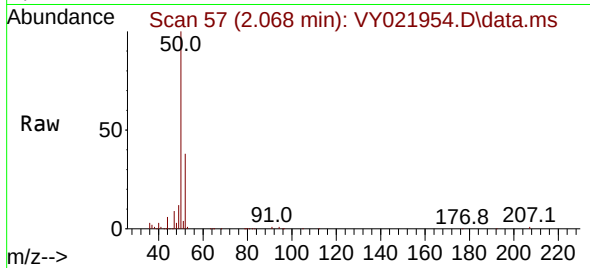




#3
Chloromethane
Concen: 11.052 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

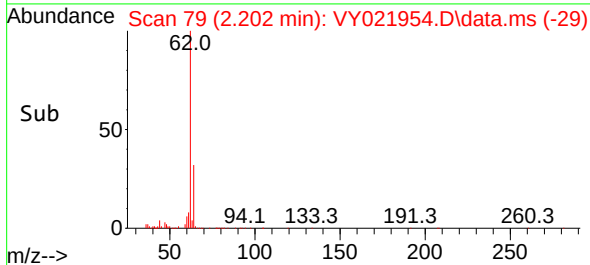
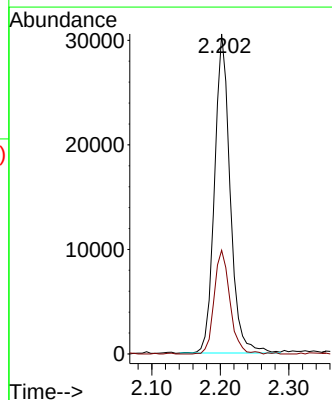
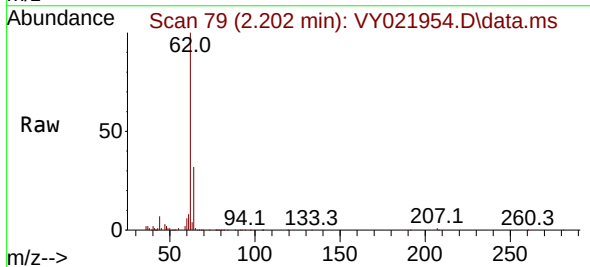
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ClientSampleId :
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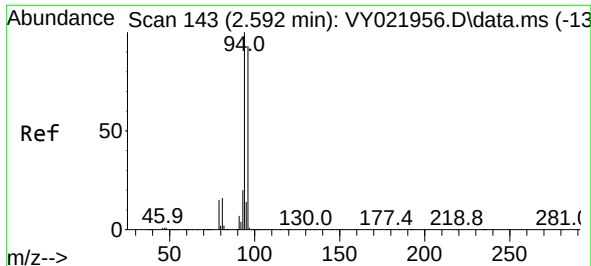
Tgt Ion: 50 Resp: 39169
Ion Ratio Lower Upper
50 100
52 37.8 26.1 39.1



#4
Vinyl Chloride
Concen: 11.131 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 62 Resp: 48475
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7

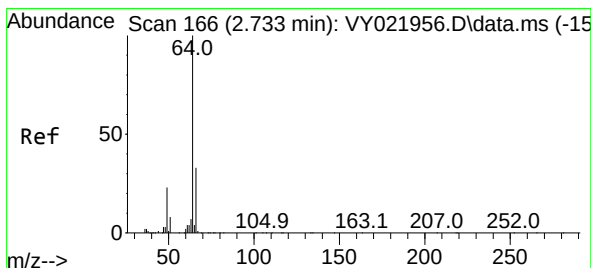
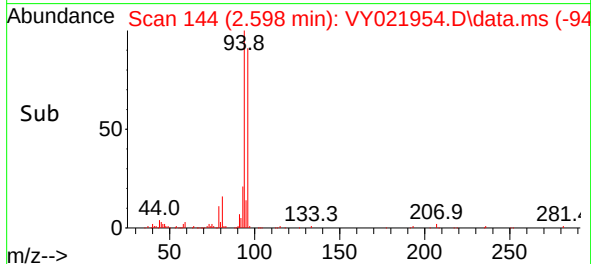
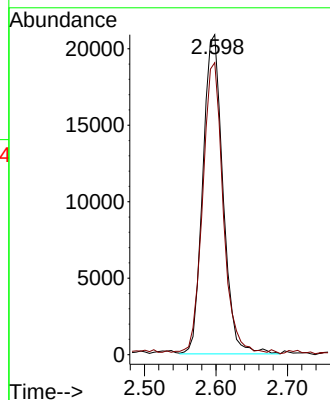
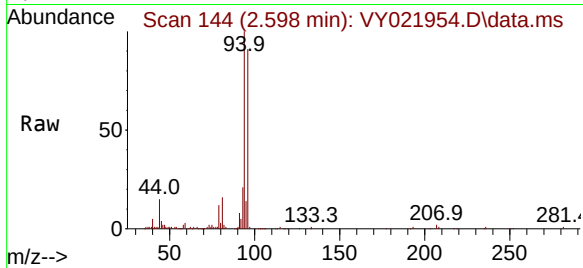




#5
Bromomethane
Concen: 10.859 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

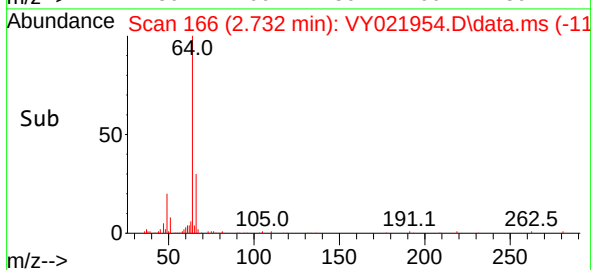
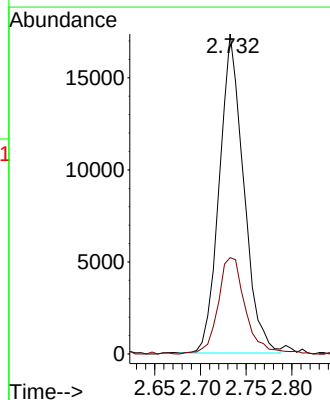
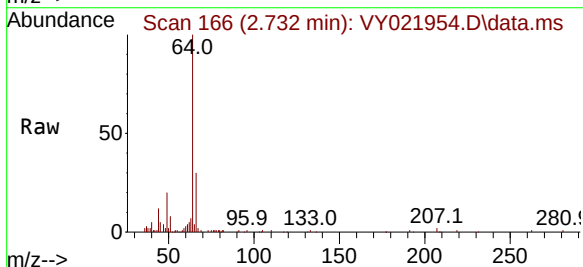
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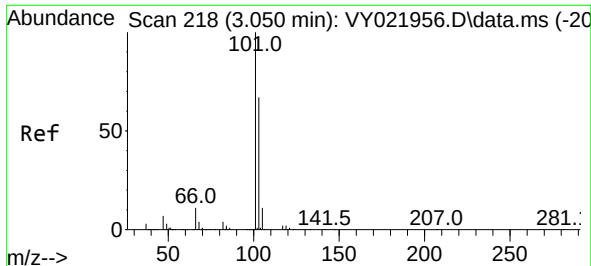
Tgt Ion: 94 Resp: 40742
Ion Ratio Lower Upper
94 100
96 91.1 74.6 111.8



#6
Chloroethane
Concen: 10.830 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 64 Resp: 32122
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.4

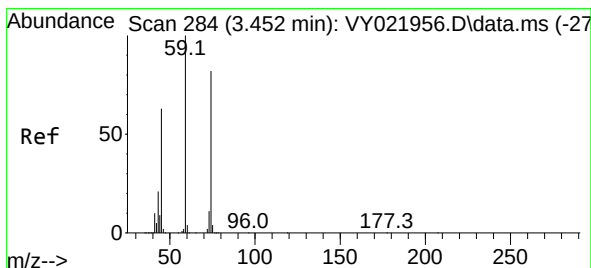
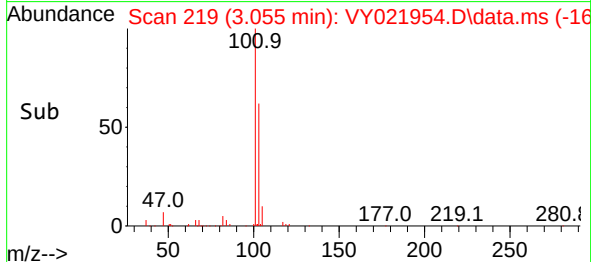
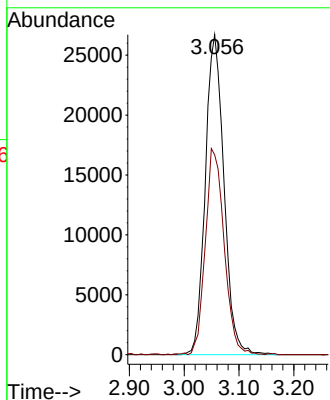
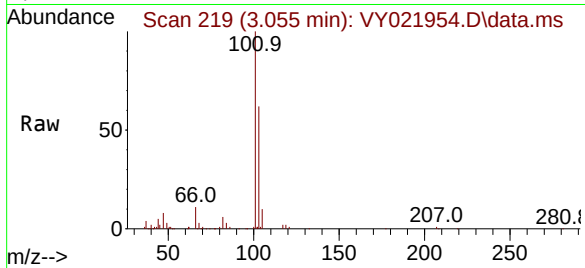




#7
 Trichlorofluoromethane
 Concen: 10.939 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

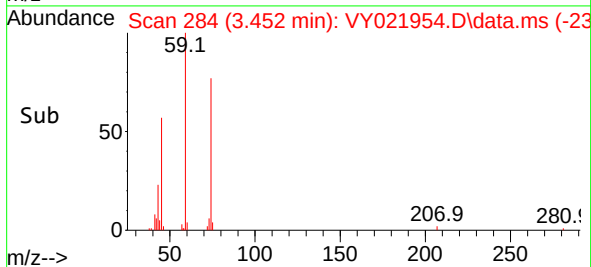
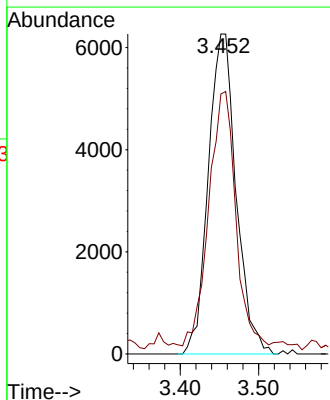
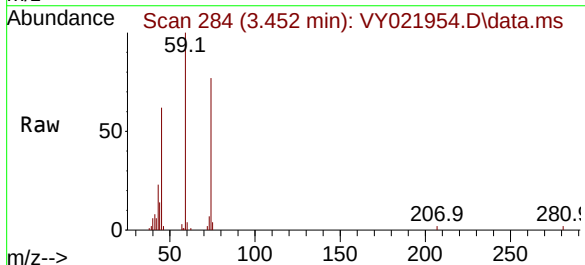
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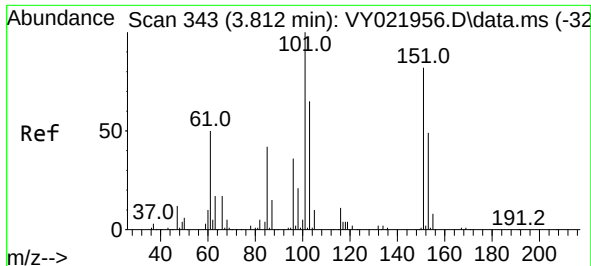
Tgt Ion:101 Resp: 62819
 Ion Ratio Lower Upper
 101 100
 103 62.4 53.6 80.4



#8
 Diethyl Ether
 Concen: 10.381 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion: 74 Resp: 15517
 Ion Ratio Lower Upper
 74 100
 45 76.1 39.1 117.5

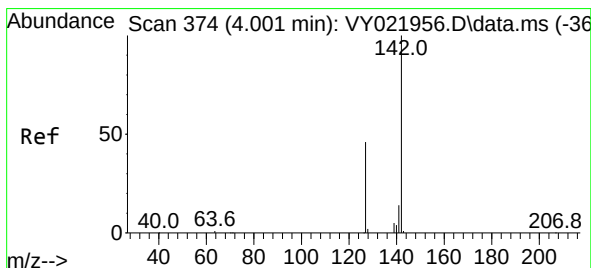
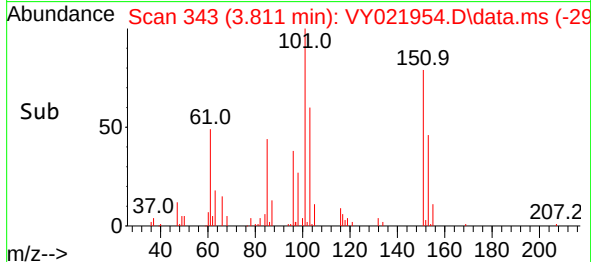
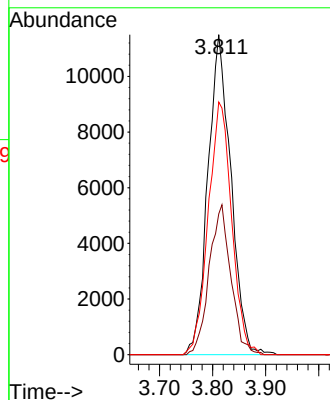
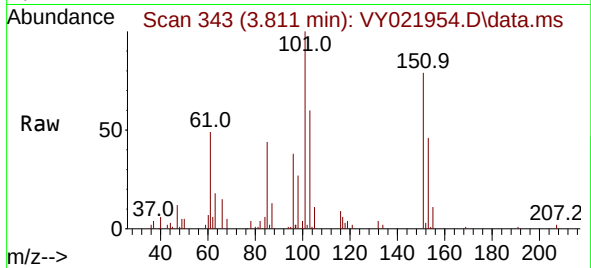




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.088 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021954.D
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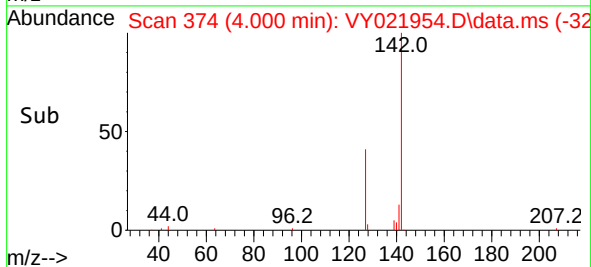
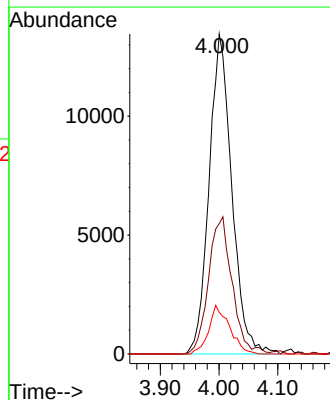
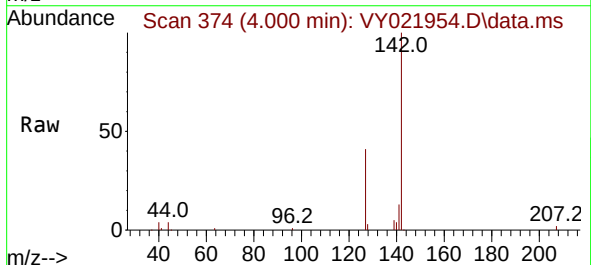
Instrument :
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ClientSampleId :
VSTDIC010

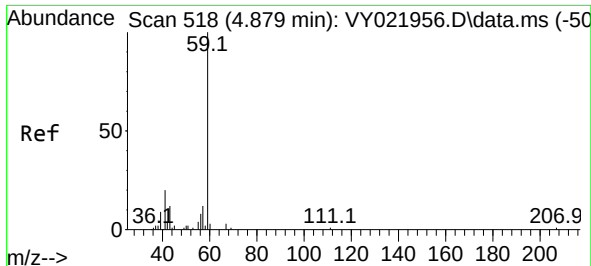
Tgt Ion:101 Resp: 34542
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 80.6 63.7 95.5



#10
Methyl Iodide
Concen: 10.021 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:142 Resp: 36146
Ion Ratio Lower Upper
142 100
127 44.3 36.2 54.2
141 14.0 11.7 17.5

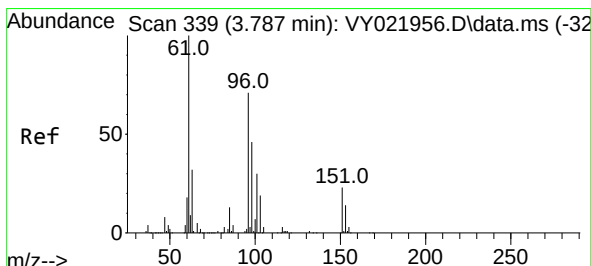
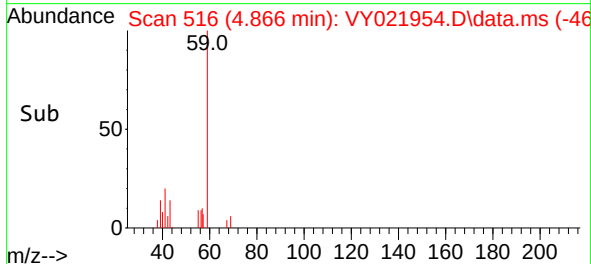
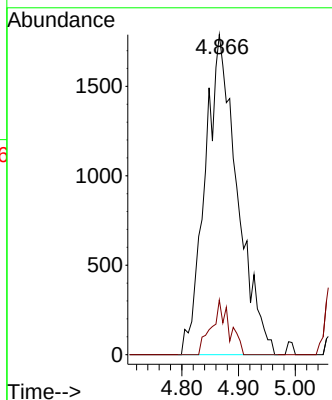
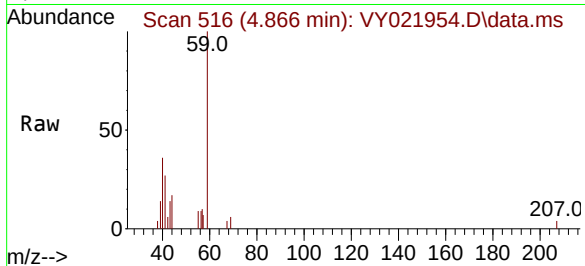




#11
Tert butyl alcohol
Concen: 47.846 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

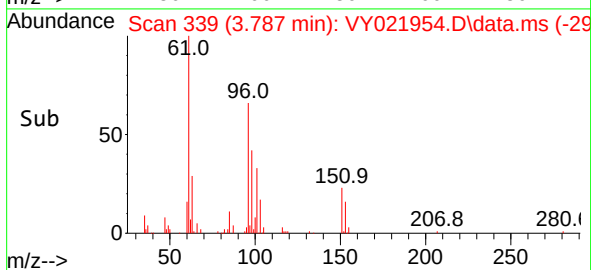
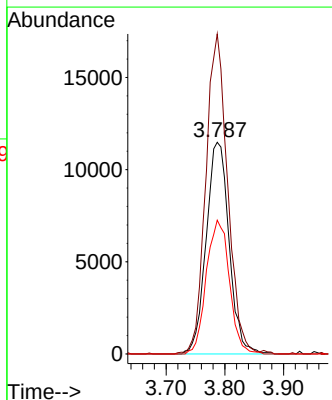
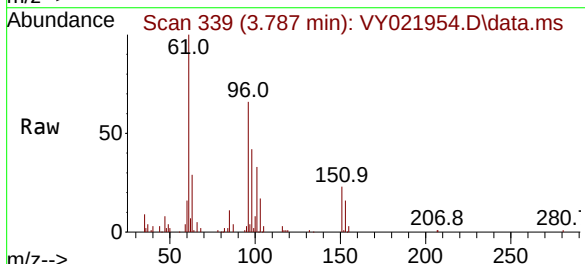
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

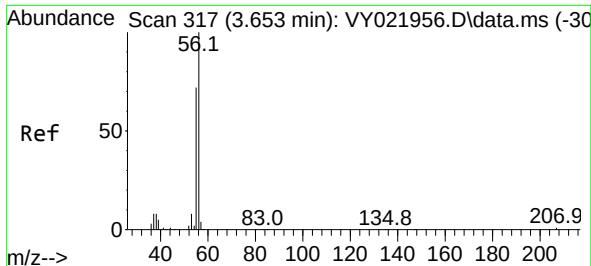
Tgt Ion: 59 Resp: 7087
Ion Ratio Lower Upper
59 100
57 9.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 10.701 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 96 Resp: 31073
Ion Ratio Lower Upper
96 100
61 151.2 113.0 169.4
98 63.2 51.4 77.2

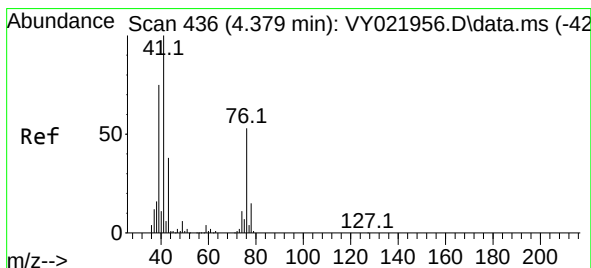
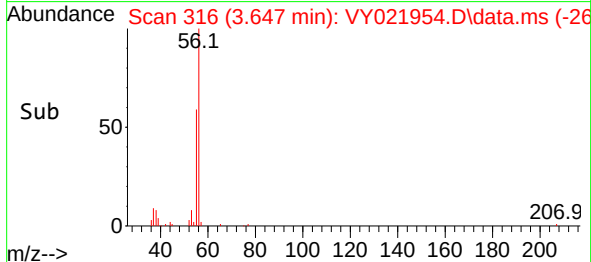
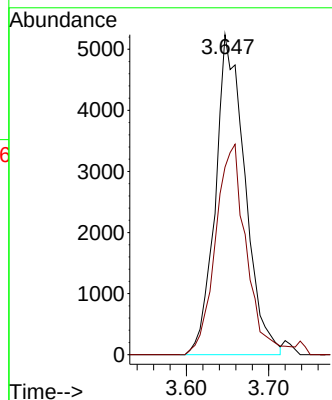
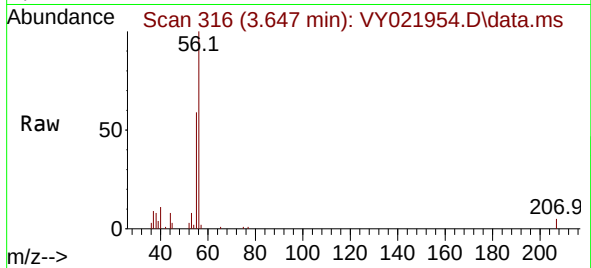




#13
Acrolein
Concen: 49.243 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

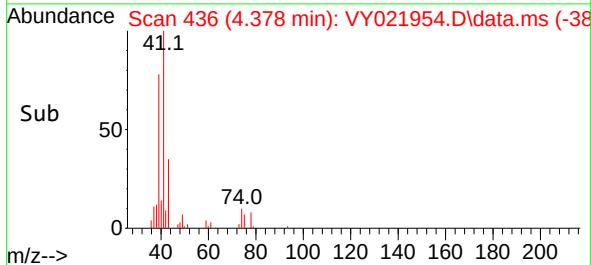
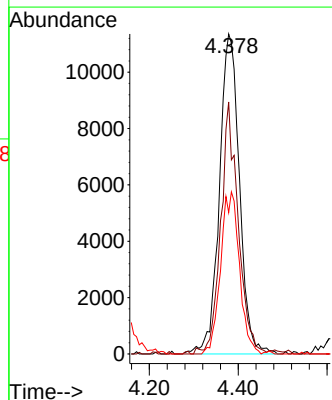
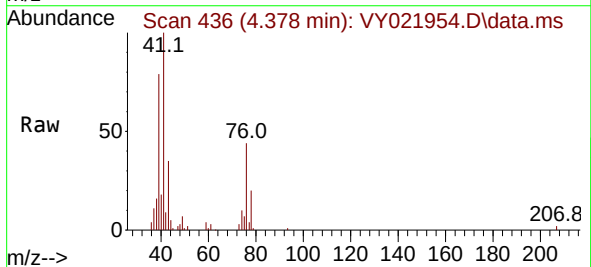
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

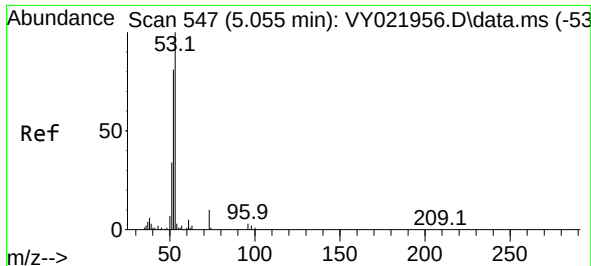
Tgt Ion: 56 Resp: 13091
Ion Ratio Lower Upper
56 100
55 68.5 57.4 86.0



#14
Allyl chloride
Concen: 10.487 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 41 Resp: 35457
Ion Ratio Lower Upper
41 100
39 68.6 57.2 85.8
76 47.6 39.7 59.5

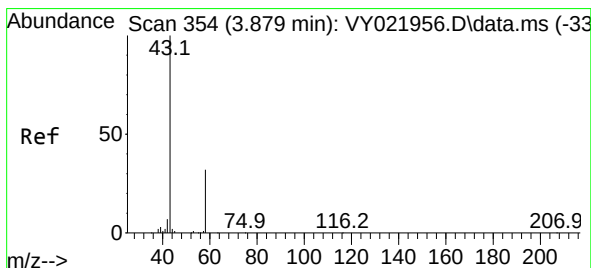
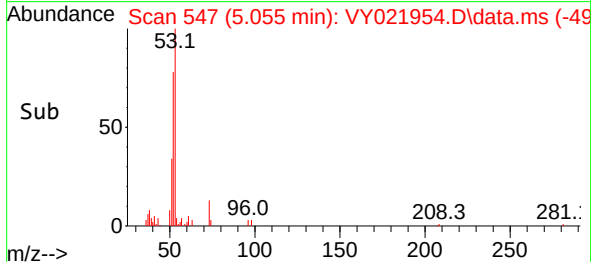
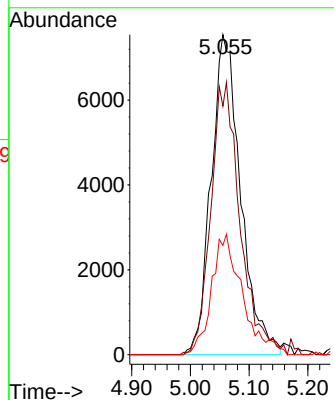
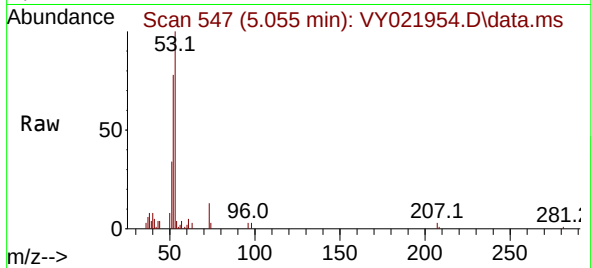




#15
Acrylonitrile
Concen: 48.088 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

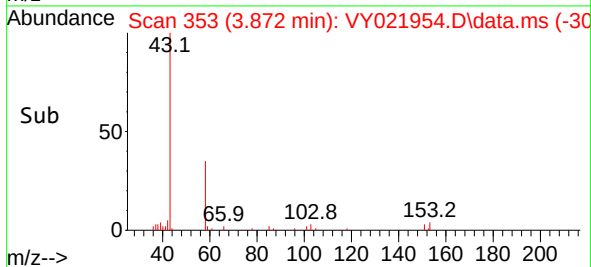
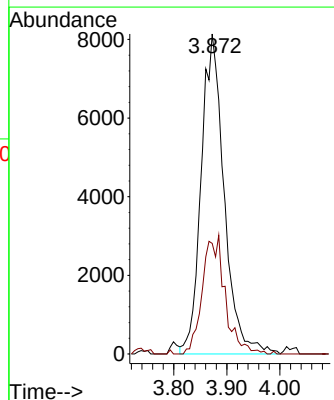
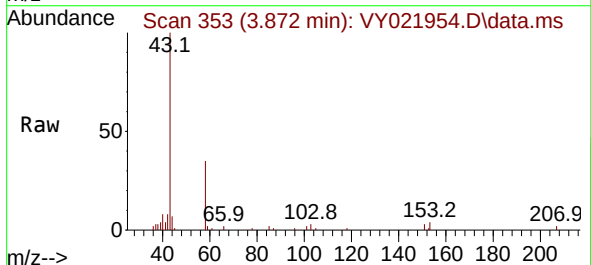
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

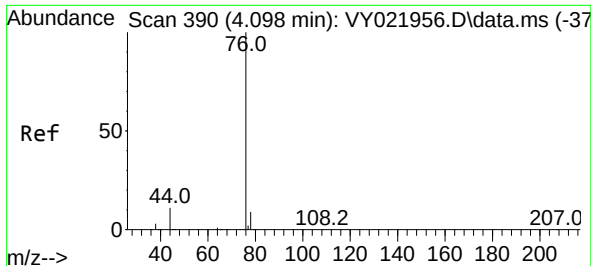
Tgt Ion: 53 Resp: 26314
Ion Ratio Lower Upper
53 100
52 84.1 65.0 97.6
51 39.3 28.9 43.3



#16
Acetone
Concen: 52.492 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 24497
Ion Ratio Lower Upper
43 100
58 34.5 27.0 40.4

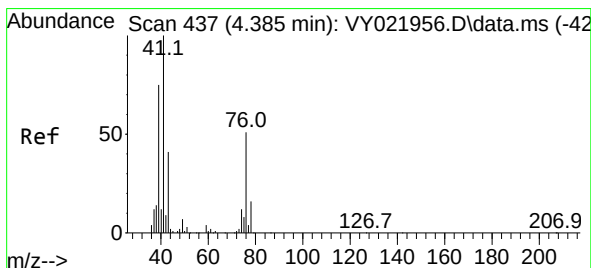
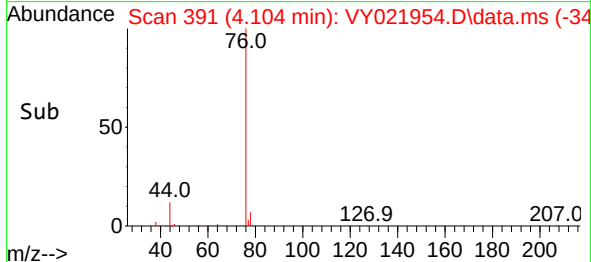
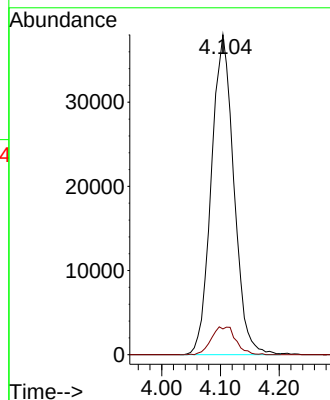
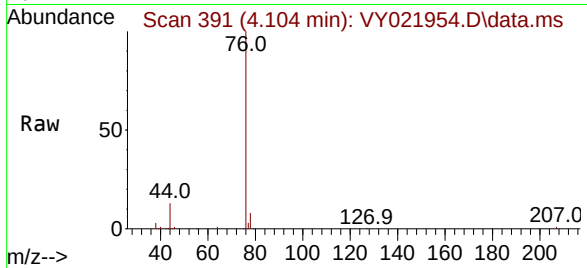




#17
Carbon Disulfide
Concen: 10.962 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

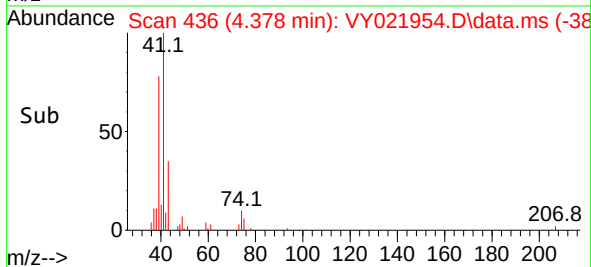
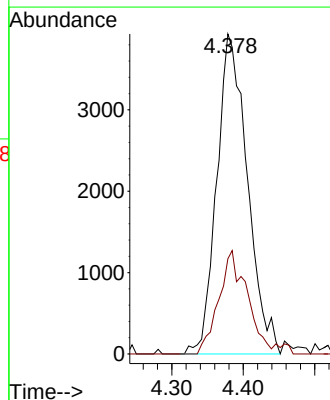
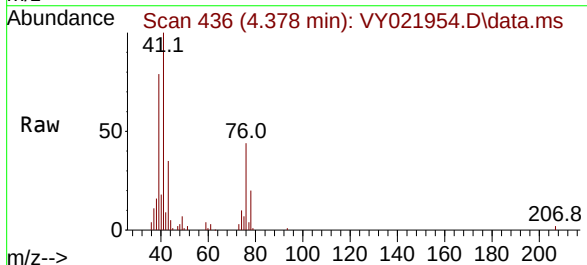
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

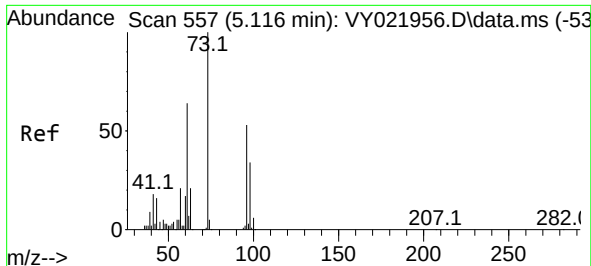
Tgt Ion: 76 Resp: 101496
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4



#18
Methyl Acetate
Concen: 9.273 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 11687
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.4

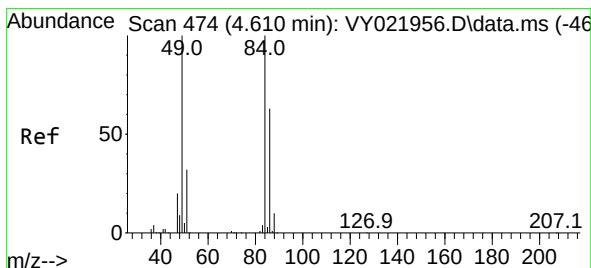
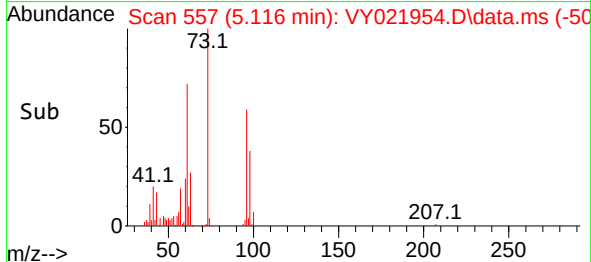
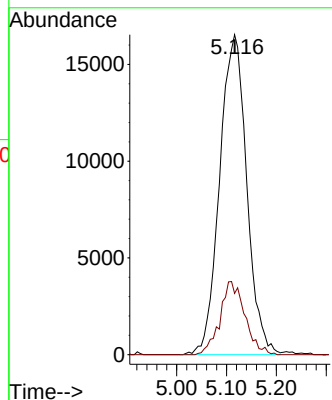
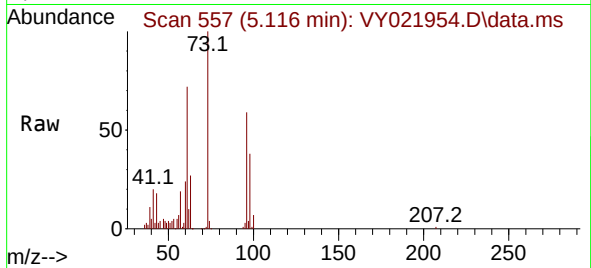




#19
Methyl tert-butyl Ether
Concen: 9.587 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

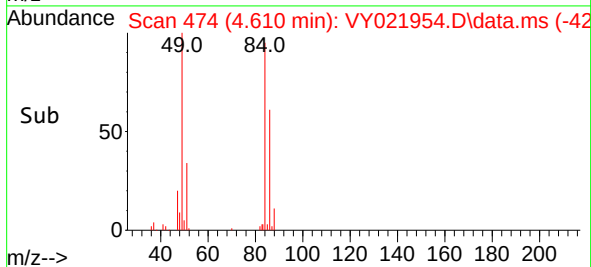
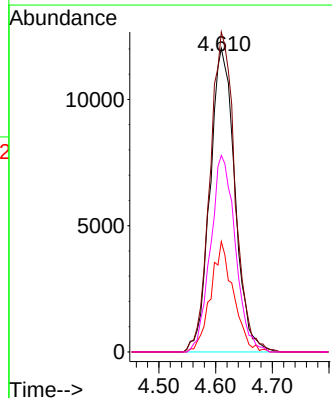
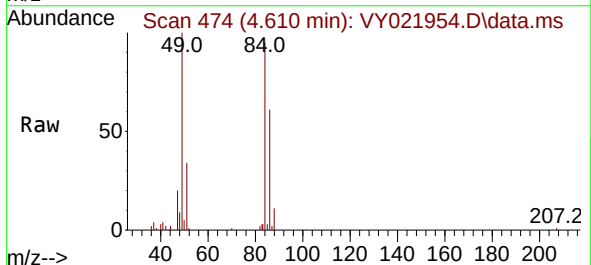
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

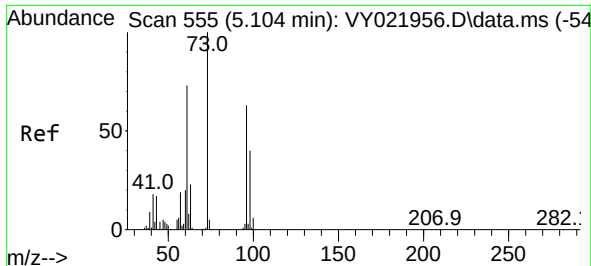
Tgt Ion: 73 Resp: 62306
Ion Ratio Lower Upper
73 100
57 19.2 16.9 25.3



#20
Methylene Chloride
Concen: 10.710 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 84 Resp: 36539
Ion Ratio Lower Upper
84 100
49 105.4 79.9 119.9
51 36.3 25.4 38.0
86 64.7 50.6 76.0

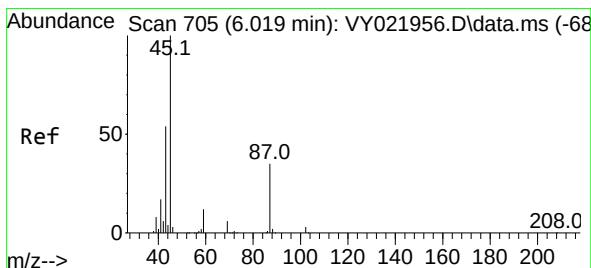
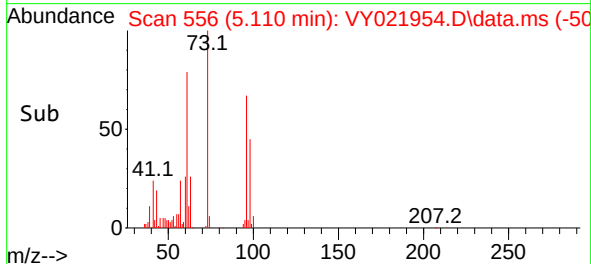
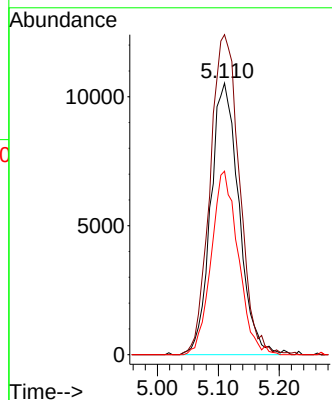
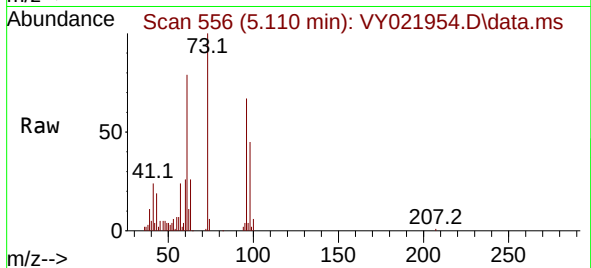




#21
trans-1,2-Dichloroethene
Concen: 10.379 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

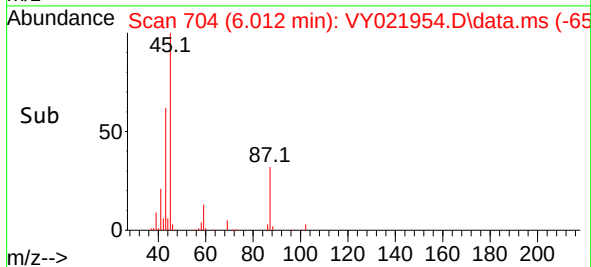
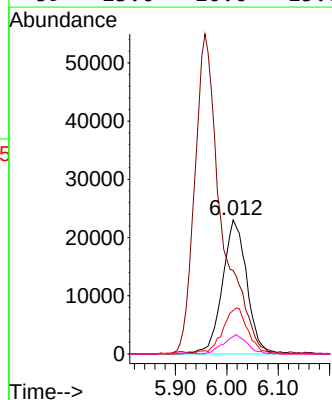
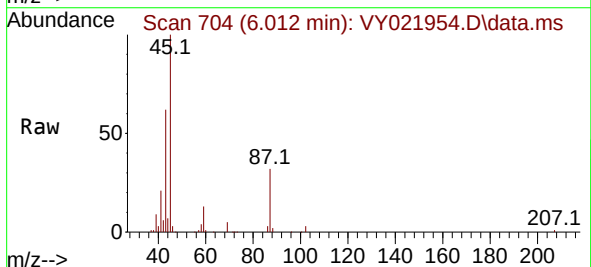
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

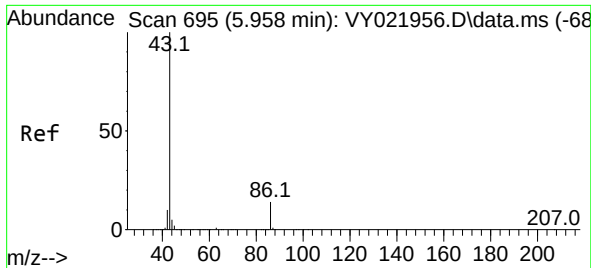
Tgt Ion: 96 Resp: 33752
Ion Ratio Lower Upper
96 100
61 117.9 92.6 138.8
98 67.6 50.2 75.4



#22
Diisopropyl ether
Concen: 10.028 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 45 Resp: 75451
Ion Ratio Lower Upper
45 100
43 60.5 43.6 65.4
87 32.4 28.2 42.4
59 13.0 10.0 15.0

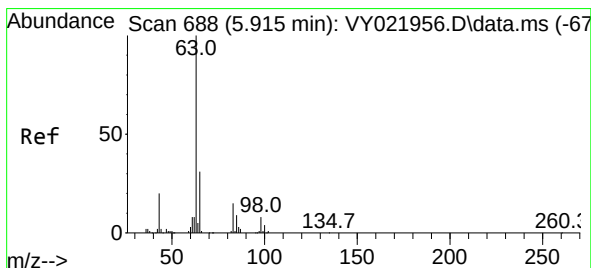
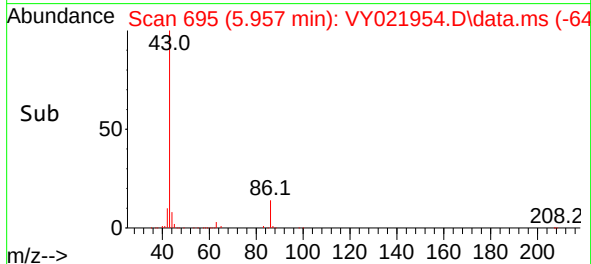
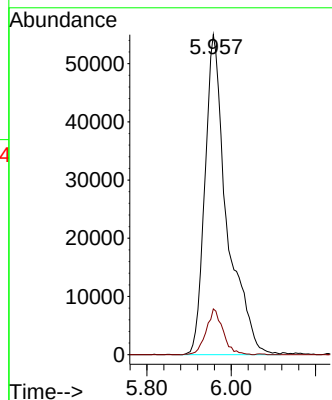
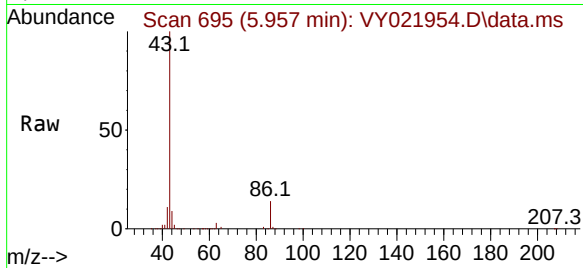




#23
 Vinyl Acetate
 Concen: 49.260 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

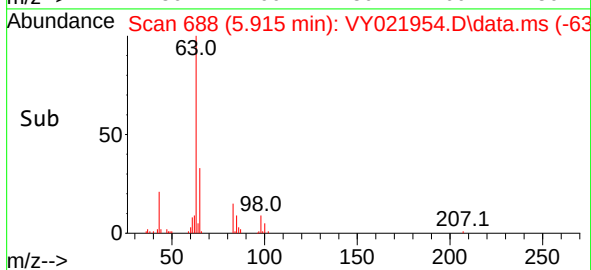
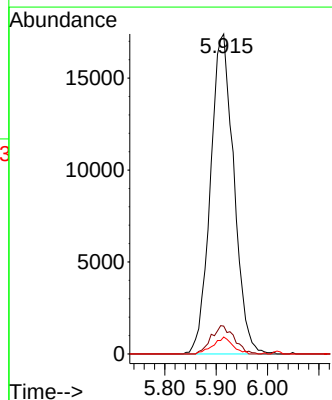
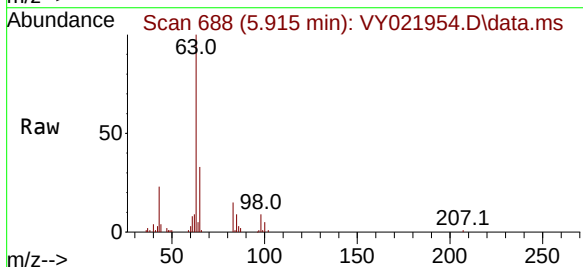
Instrument :
 MSVOA_Y
 ClientSampleId :
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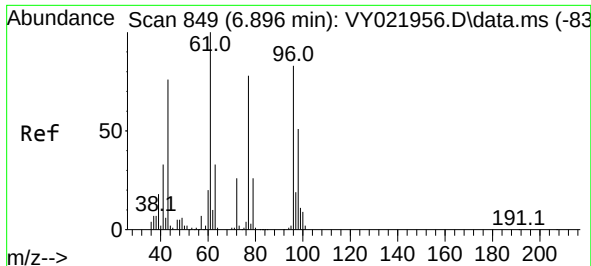
Tgt Ion: 43 Resp: 199753
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 10.558 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion: 63 Resp: 55067
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 11.9
 100 5.3 2.0 6.0

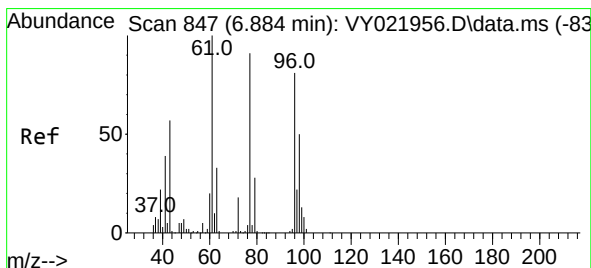
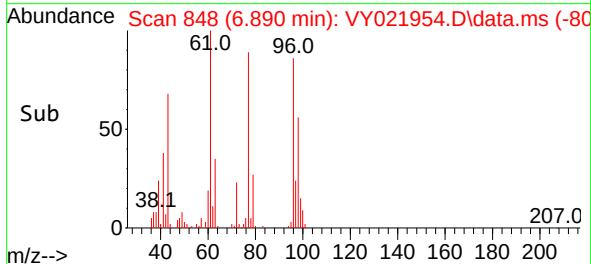
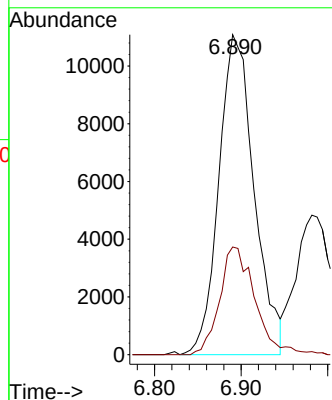
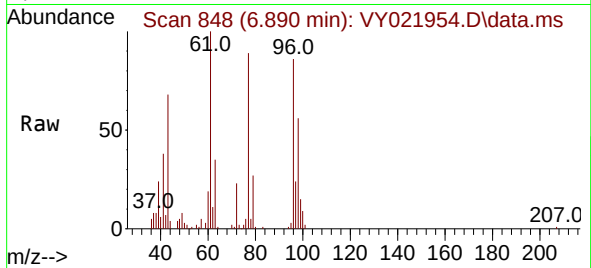




#25
2-Butanone
Concen: 50.973 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

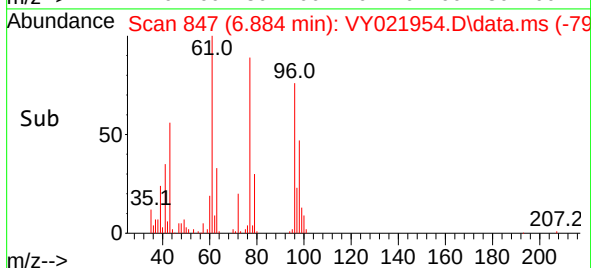
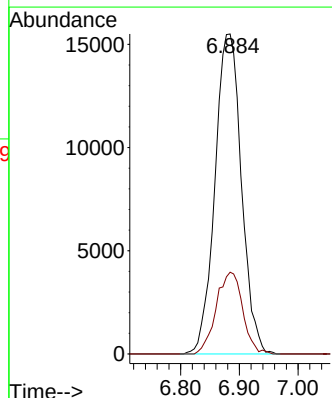
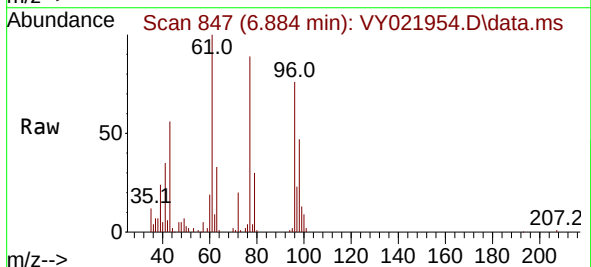
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

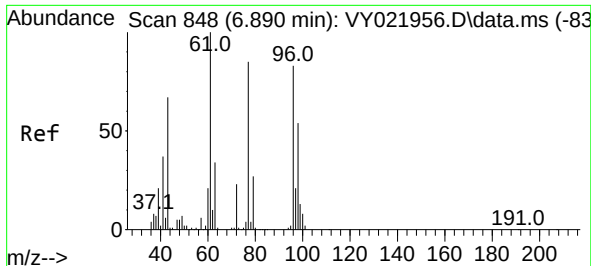
Tgt Ion: 43 Resp: 31349
Ion Ratio Lower Upper
43 100
72 33.6 27.0 40.4



#26
2,2-Dichloropropane
Concen: 10.610 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 77 Resp: 48501
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 10.253 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

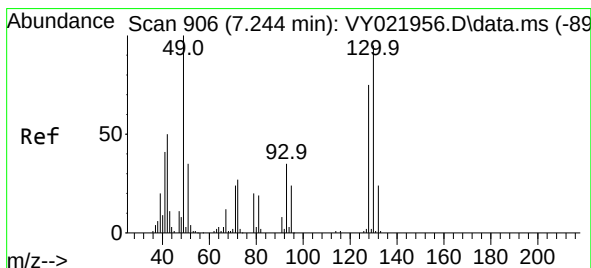
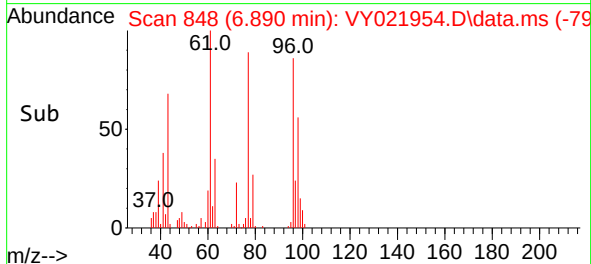
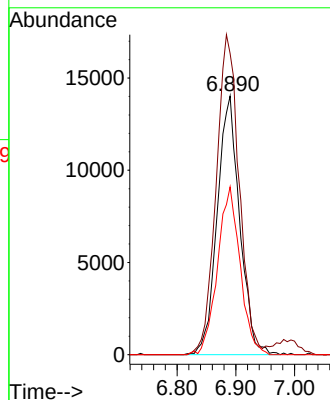
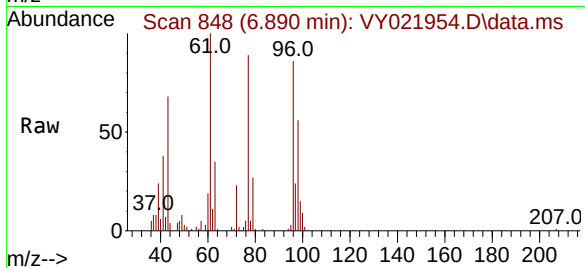
Tgt Ion: 96 Resp: 37281

Ion Ratio Lower Upper

96 100

61 126.6 0.0 251.4

98 65.1 0.0 128.4



#28

Bromochloromethane

Concen: 10.426 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

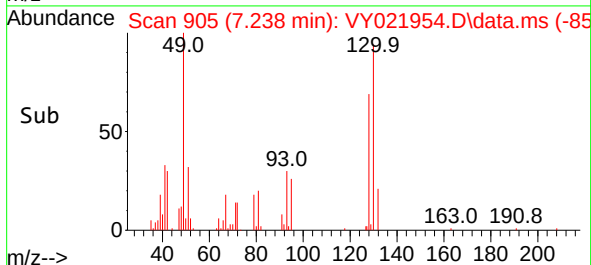
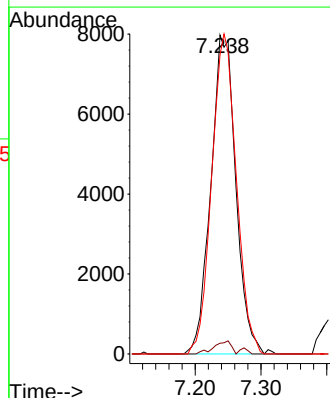
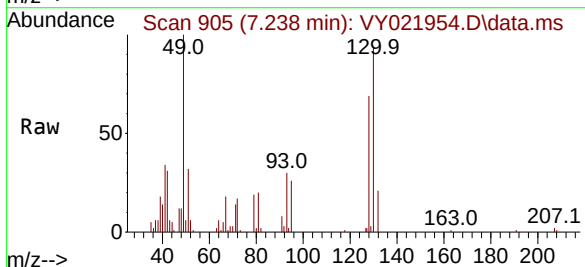
Tgt Ion: 49 Resp: 21122

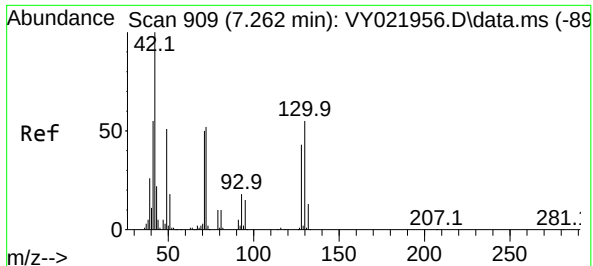
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 98.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 47.274 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

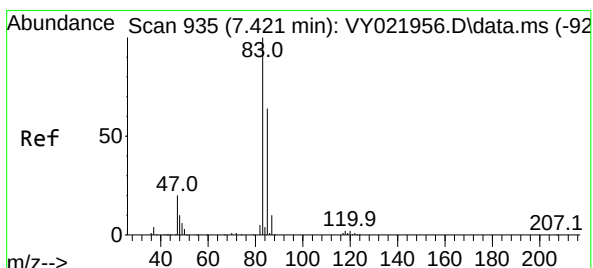
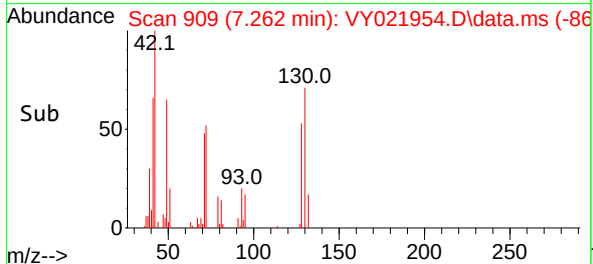
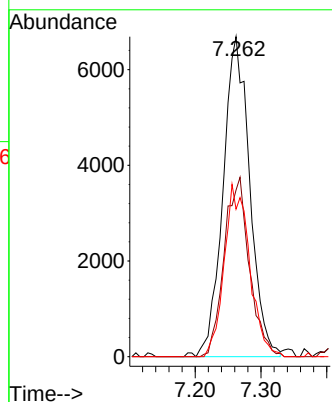
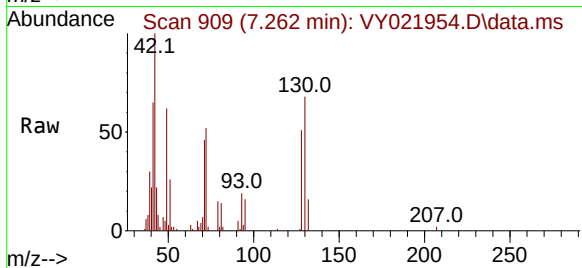
Tgt Ion: 42 Resp: 18883

Ion Ratio Lower Upper

42 100

72 53.0 42.6 63.8

71 51.0 40.6 61.0



#30

Chloroform

Concen: 10.559 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY021954.D

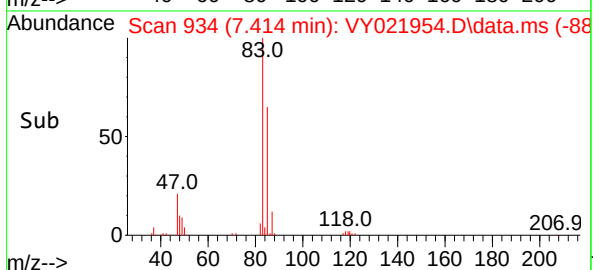
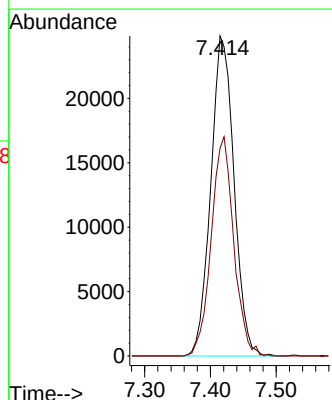
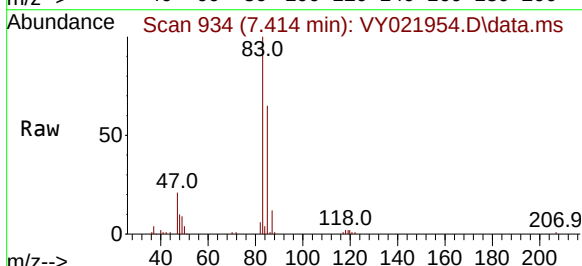
Acq: 22 Apr 2025 14:44

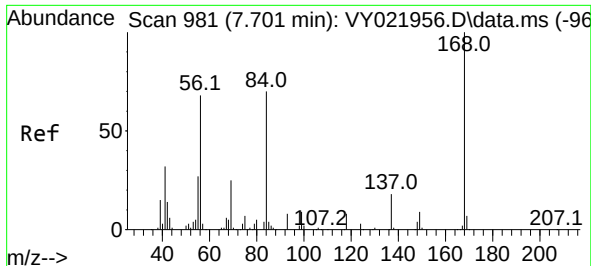
Tgt Ion: 83 Resp: 61088

Ion Ratio Lower Upper

83 100

85 64.9 51.3 76.9

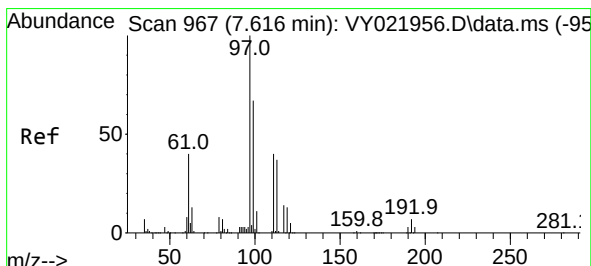
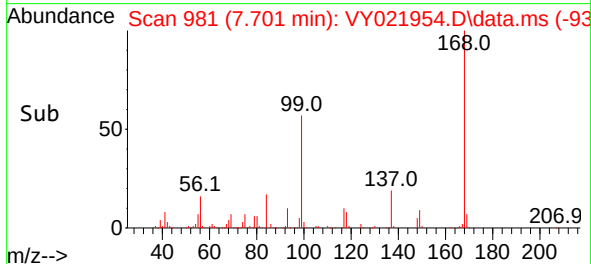
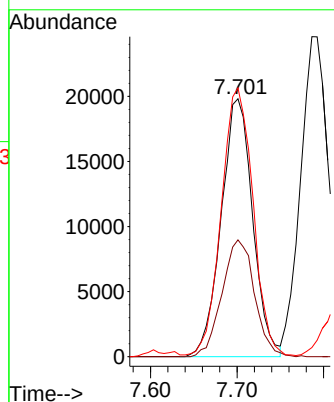
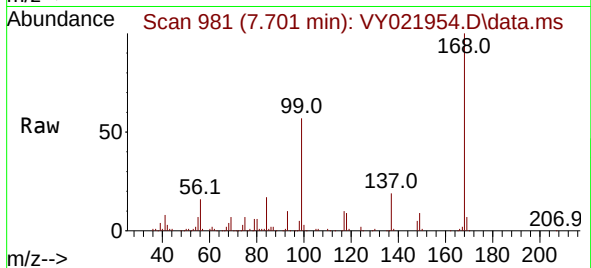




#31
Cyclohexane
Concen: 11.229 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

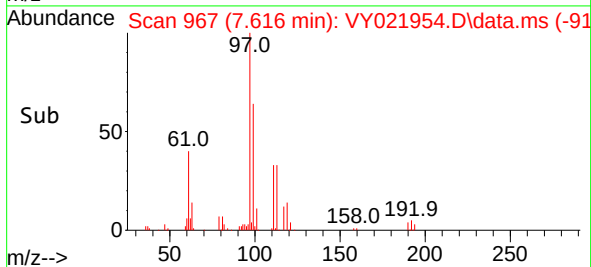
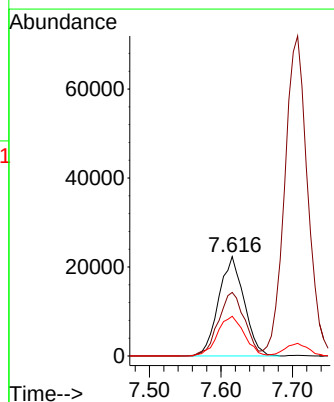
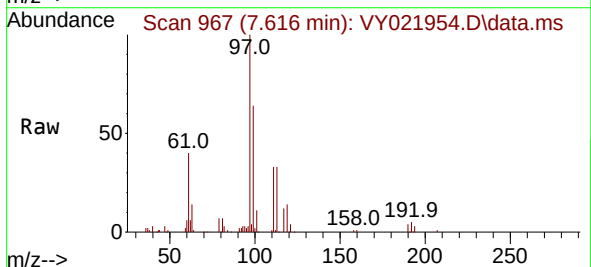
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

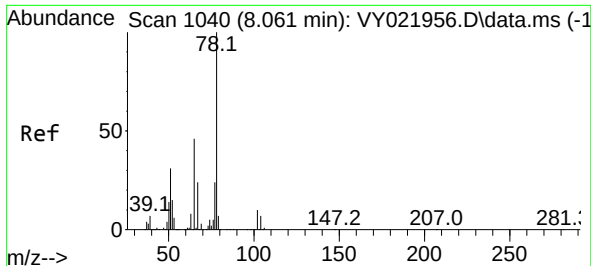
Tgt Ion: 56 Resp: 50083
Ion Ratio Lower Upper
56 100
69 45.3 29.4 44.2#
84 103.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 10.540 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 97 Resp: 55163
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.2
61 42.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 10.325 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

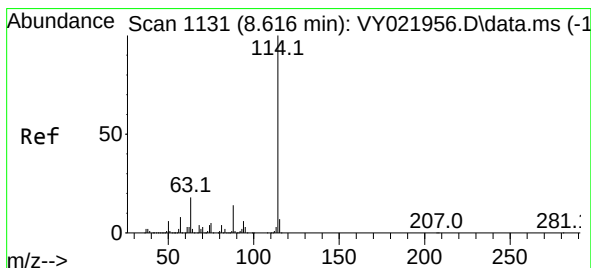
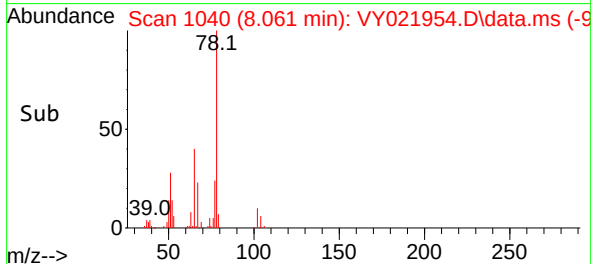
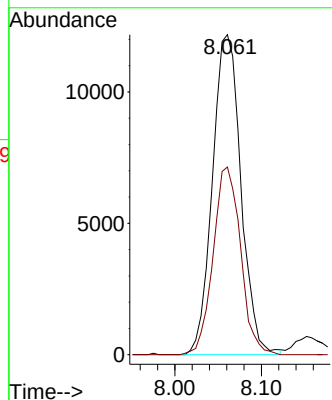
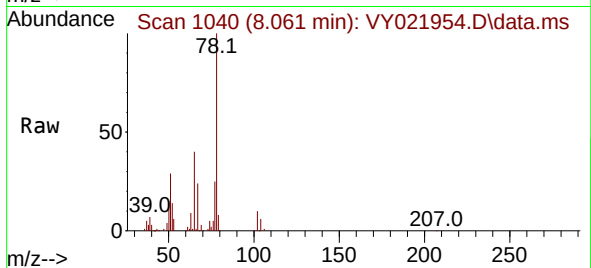
VSTDIC010

Tgt Ion: 65 Resp: 27856

Ion Ratio Lower Upper

65 100

67 56.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

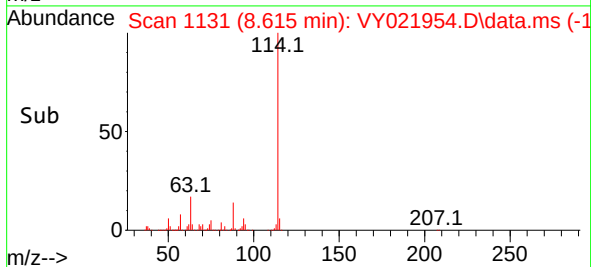
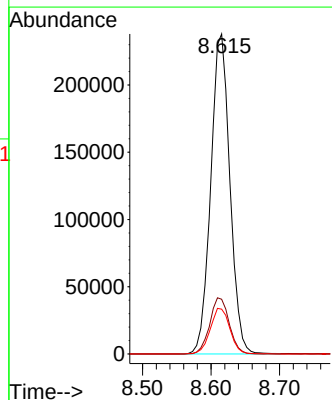
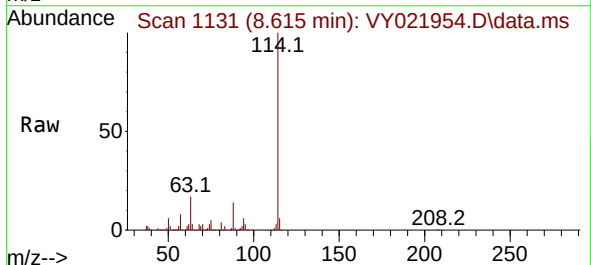
Tgt Ion: 114 Resp: 462235

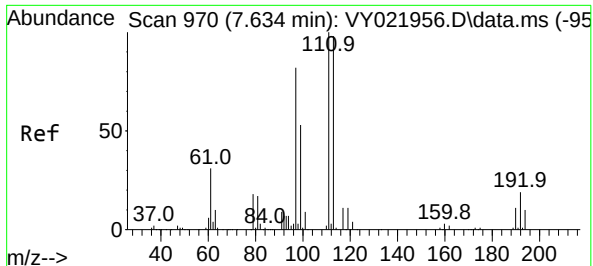
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.4

88 14.0 0.0 28.2

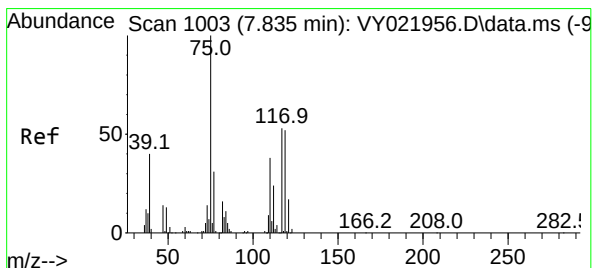
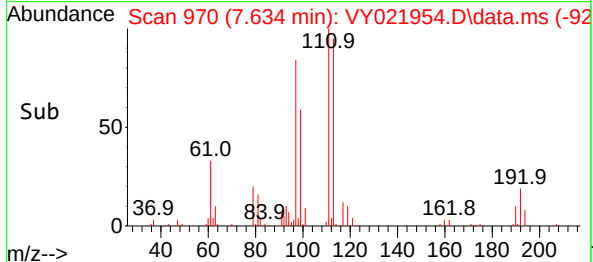
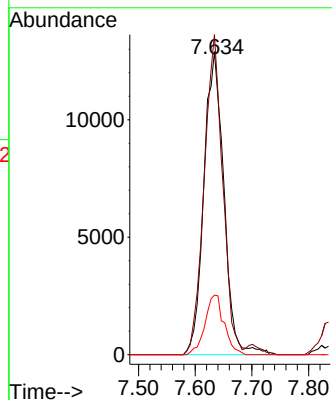
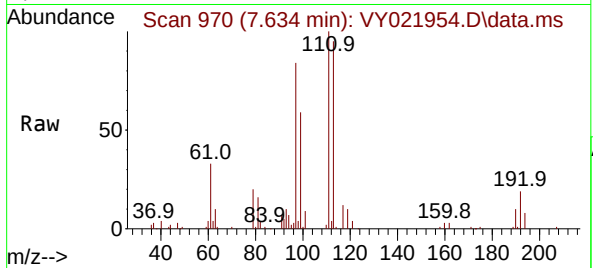




#35
Dibromofluoromethane
Concen: 10.335 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

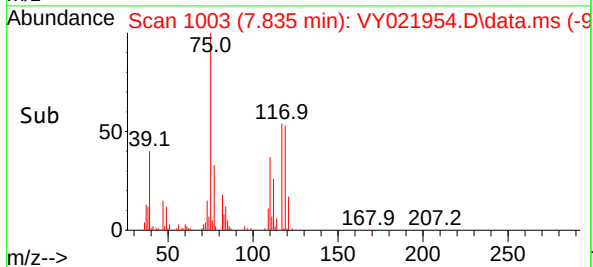
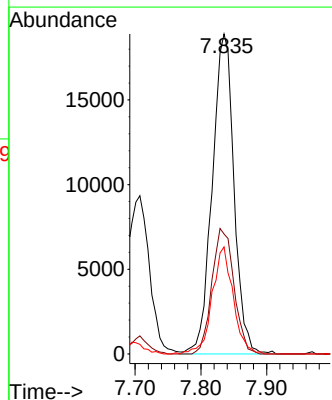
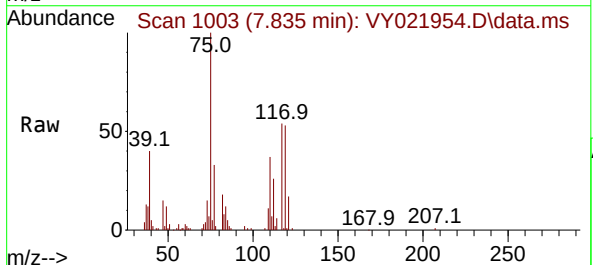
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

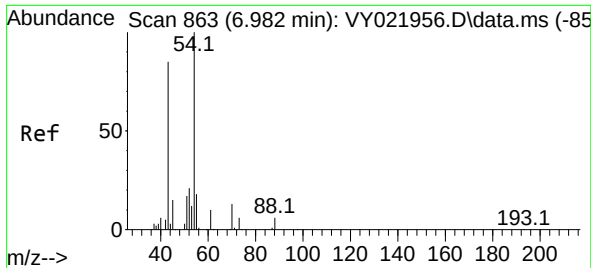
Tgt Ion:113 Resp: 31560
Ion Ratio Lower Upper
113 100
111 98.0 81.8 122.8
192 18.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 10.604 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 43496
Ion Ratio Lower Upper
75 100
110 39.7 19.1 57.3
77 32.3 25.5 38.3

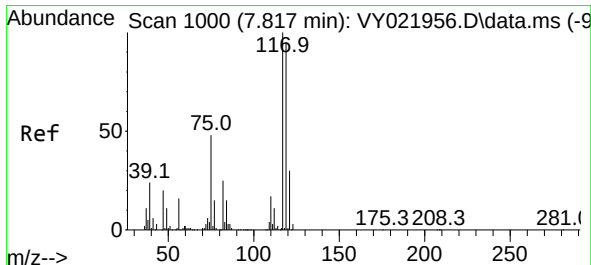
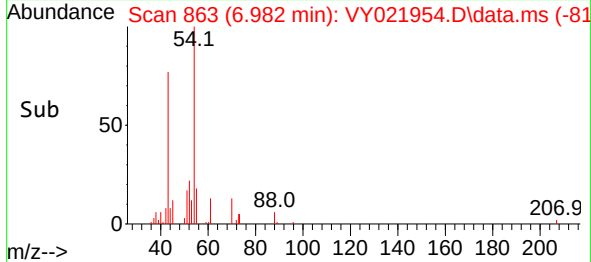
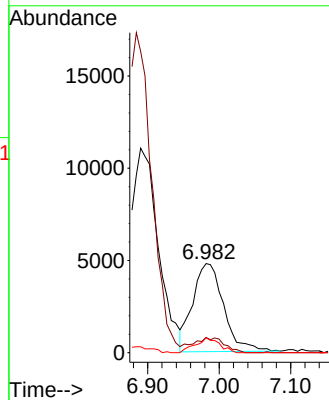
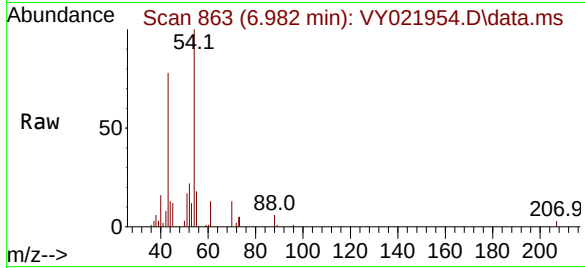




#37
Ethyl Acetate
Concen: 9.878 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

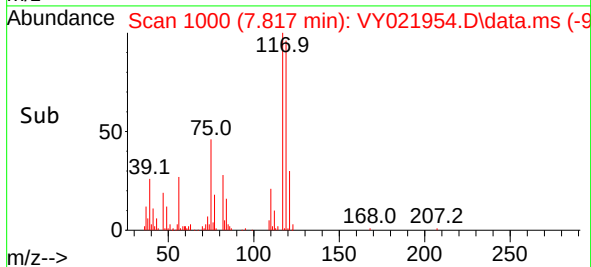
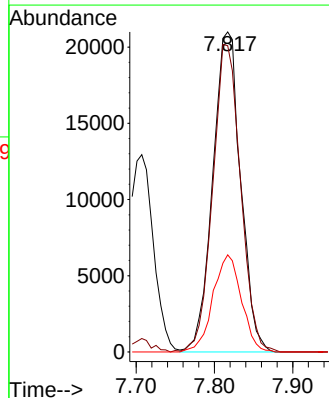
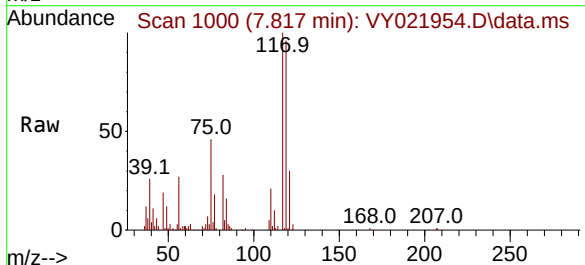
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

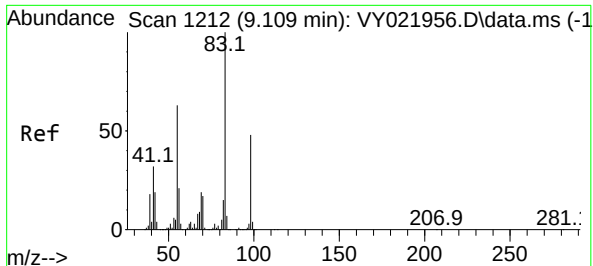
Tgt Ion:	43	Resp:	14357
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.8	20.6
70	13.1	9.2	13.8



#38
Carbon Tetrachloride
Concen: 10.625 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:	117	Resp:	52079
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.4
121	30.4	24.0	36.0





#39

Methylcyclohexane

Concen: 10.194 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

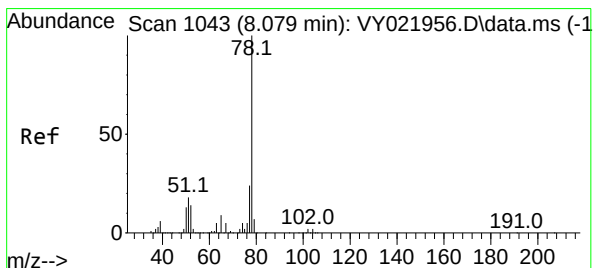
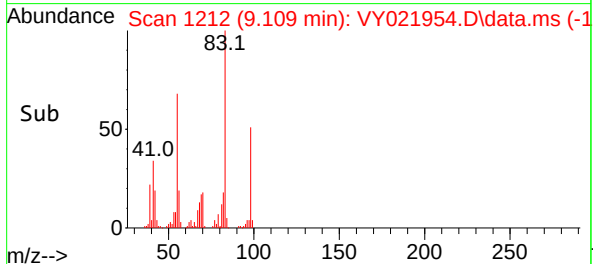
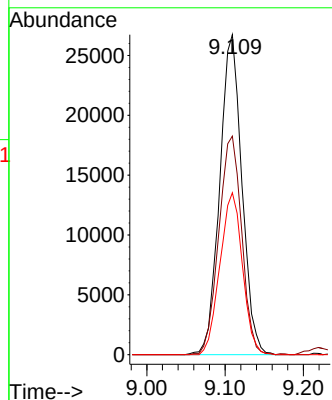
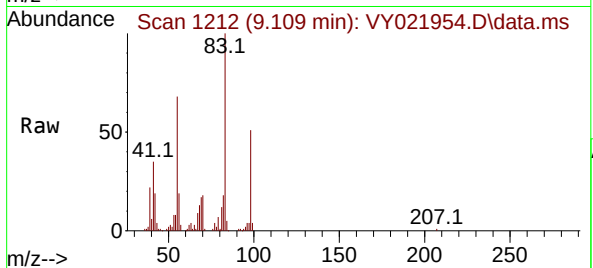
Tgt Ion: 83 Resp: 52625

Ion Ratio Lower Upper

83 100

55 68.3 50.6 75.8

98 50.6 38.6 58.0



#40

Benzene

Concen: 10.373 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021954.D

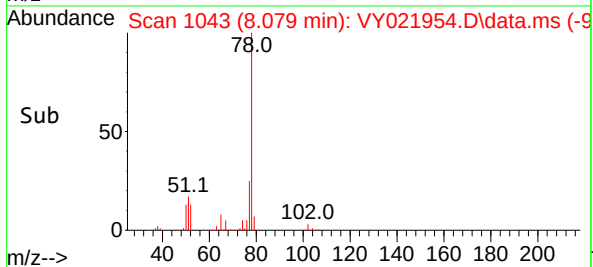
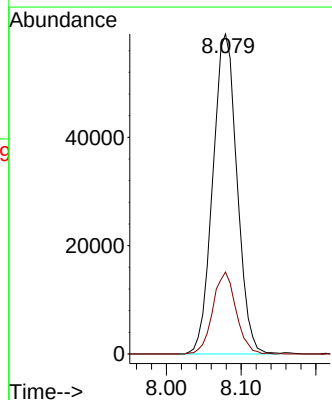
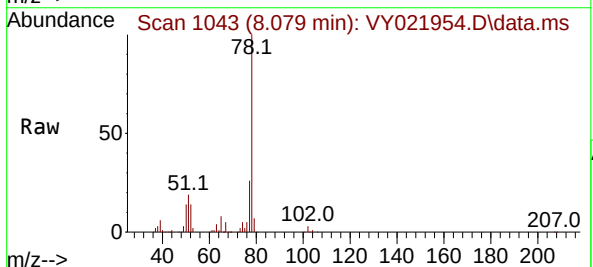
Acq: 22 Apr 2025 14:44

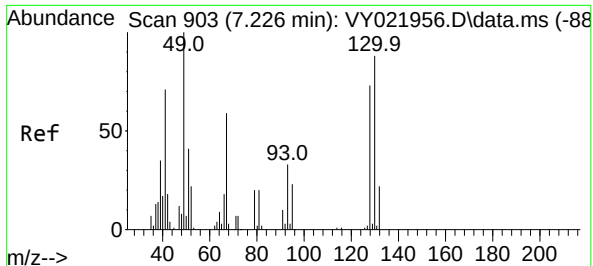
Tgt Ion: 78 Resp: 133010

Ion Ratio Lower Upper

78 100

77 25.6 19.3 28.9

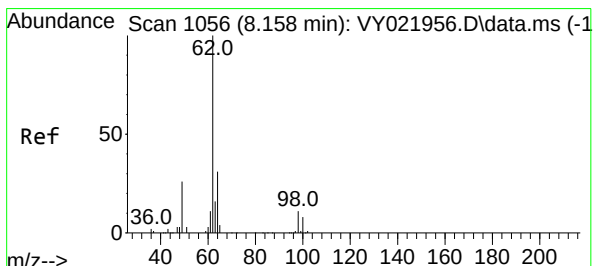
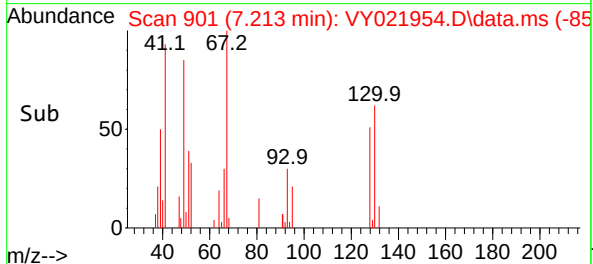
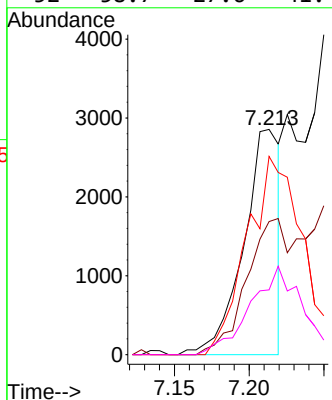
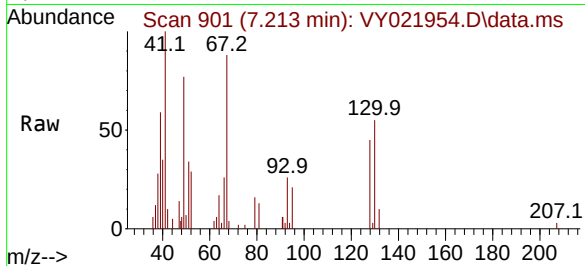




#41
Methacrylonitrile
Concen: 5.978 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

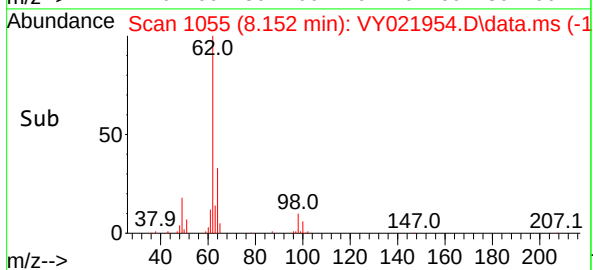
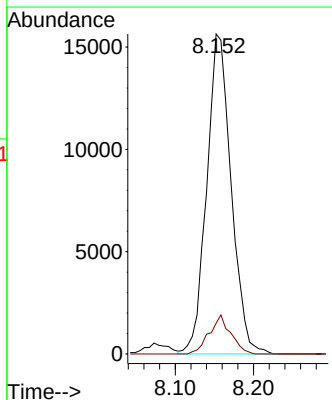
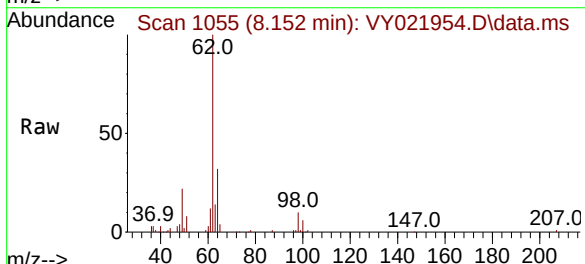
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

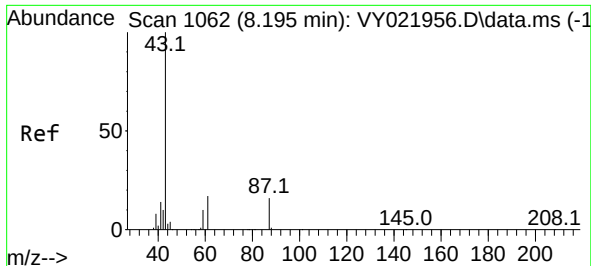
Tgt Ion: 41 Resp: 4816
Ion Ratio Lower Upper
41 100
39 67.2 36.6 55.0#
67 139.7 72.2 108.4#
52 58.7 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 10.690 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 62 Resp: 33939
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

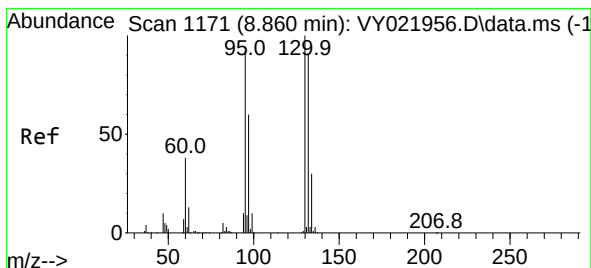
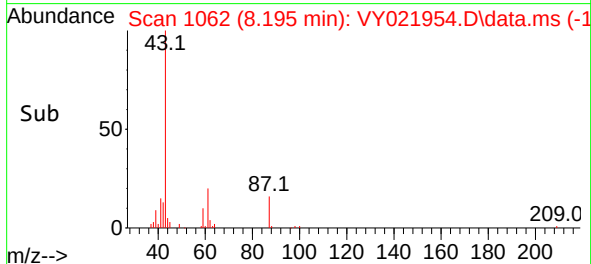
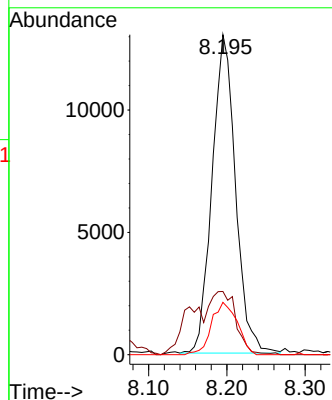
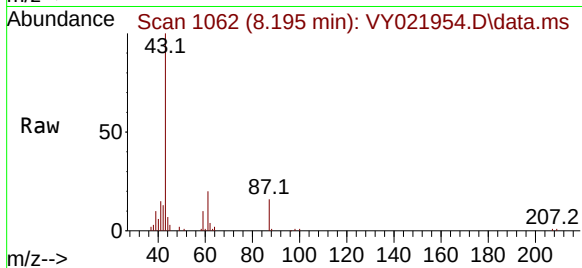




#43
Isopropyl Acetate
Concen: 9.574 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

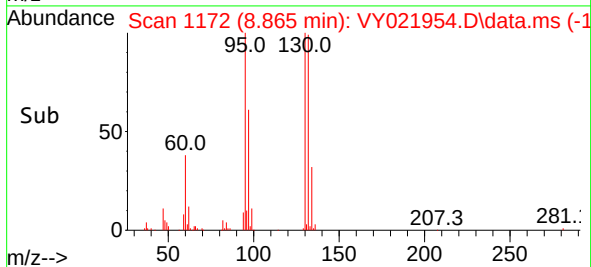
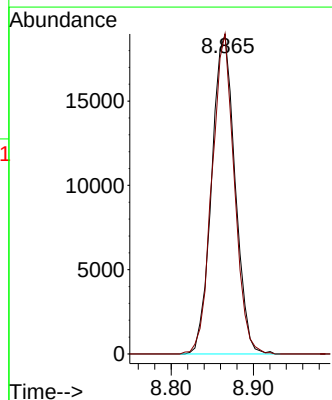
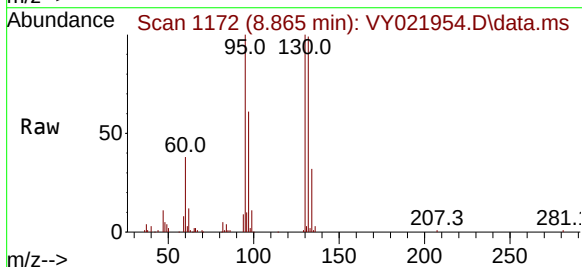
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

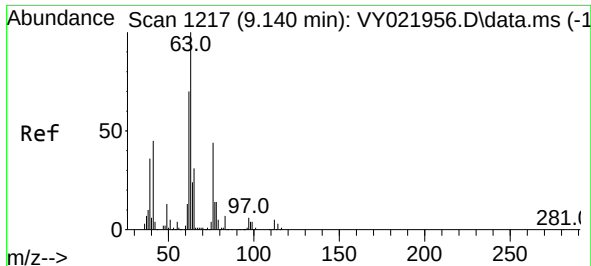
Tgt Ion: 43 Resp: 27087
Ion Ratio Lower Upper
43 100
61 22.7 18.9 28.3
87 18.1 13.7 20.5



#44
Trichloroethene
Concen: 10.534 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:130 Resp: 37414
Ion Ratio Lower Upper
130 100
95 100.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 10.342 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

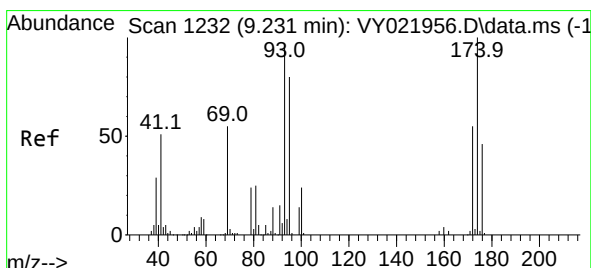
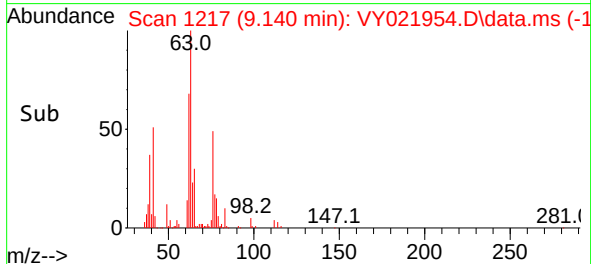
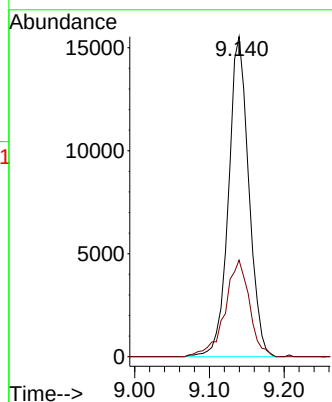
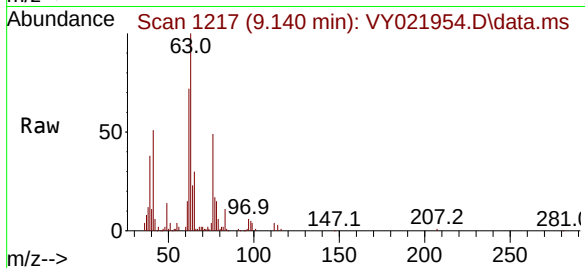
VSTDIC010

Tgt Ion: 63 Resp: 29327

Ion Ratio Lower Upper

63 100

65 30.2 25.2 37.8



#46

Dibromomethane

Concen: 10.055 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

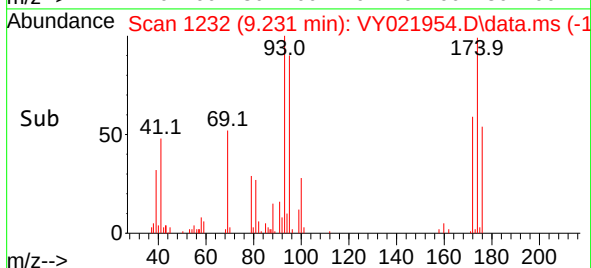
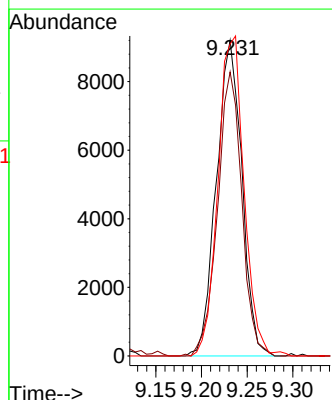
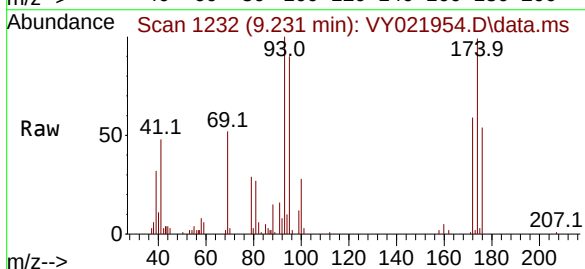
Tgt Ion: 93 Resp: 17848

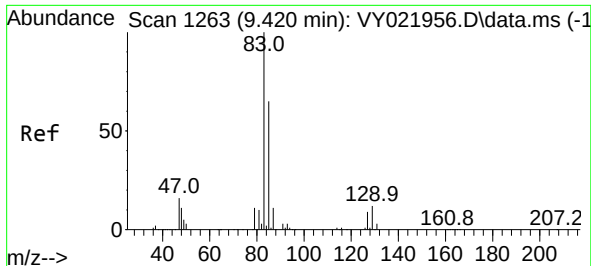
Ion Ratio Lower Upper

93 100

95 85.7 66.7 100.1

174 103.7 84.6 127.0

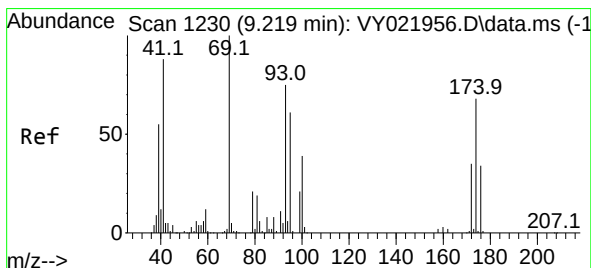
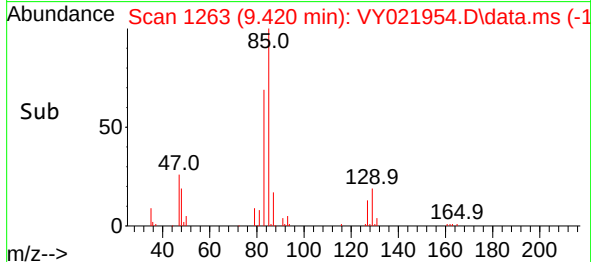
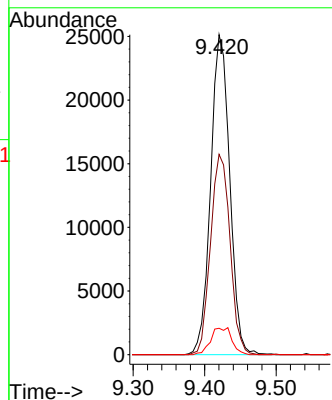
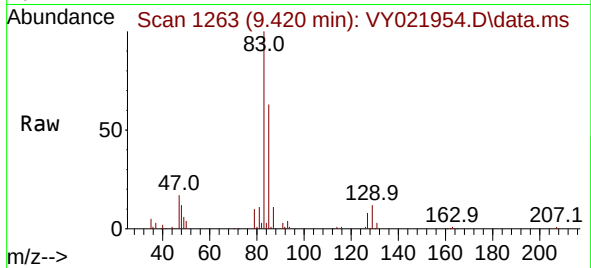




#47
 Bromodichloromethane
 Concen: 10.498 ug/l
 RT: 9.420 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

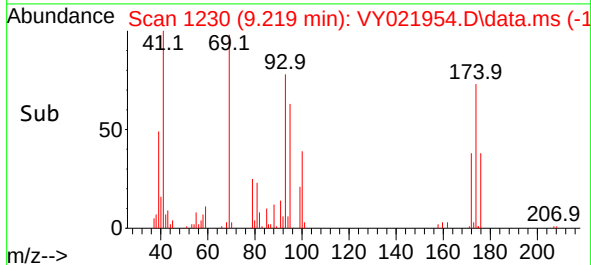
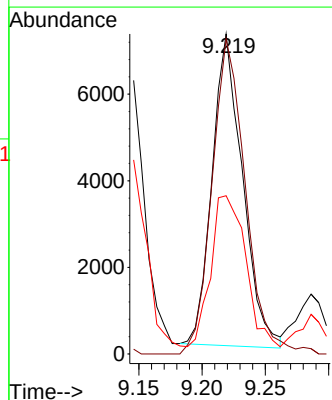
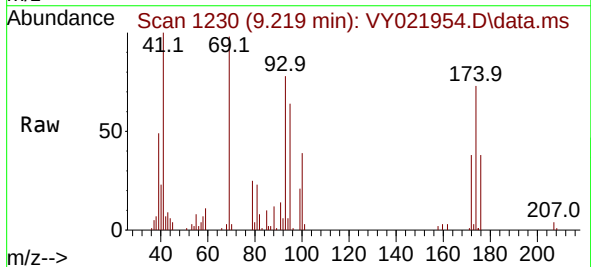
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

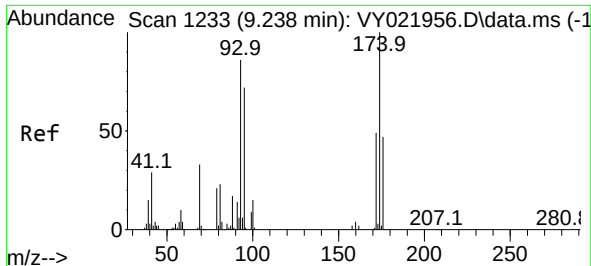
Tgt Ion:	83	Resp:	46552
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.8
127	8.2	7.0	10.6



#48
 Methyl methacrylate
 Concen: 9.202 ug/l
 RT: 9.219 min Scan# 1230
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion:	41	Resp:	12035
Ion	Ratio	Lower	Upper
41	100		
69	111.3	85.5	128.3
39	56.4	46.2	69.4





#49

1,4-Dioxane

Concen: 199.843 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

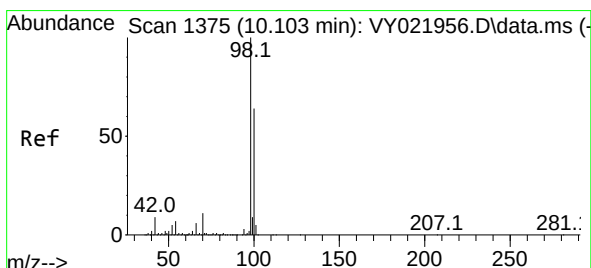
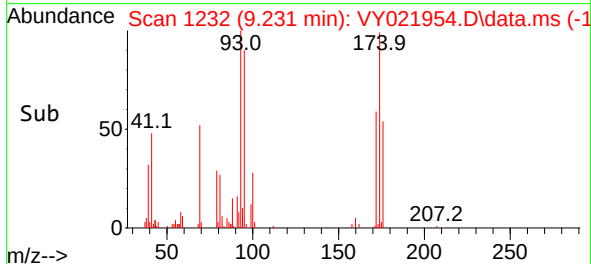
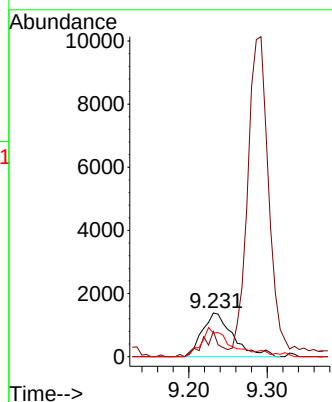
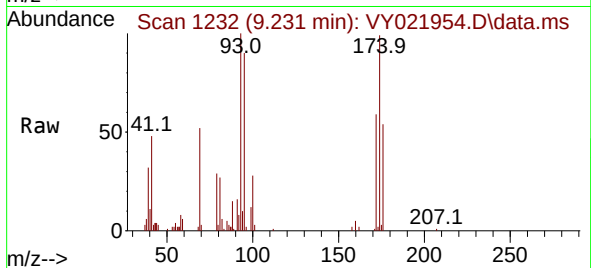
Tgt Ion: 88 Resp: 3781

Ion Ratio Lower Upper

88 100

43 32.0 21.3 31.9#

58 64.2 50.5 75.7



#50

Toluene-d8

Concen: 10.118 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021954.D

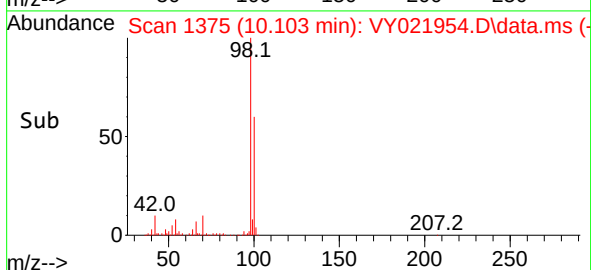
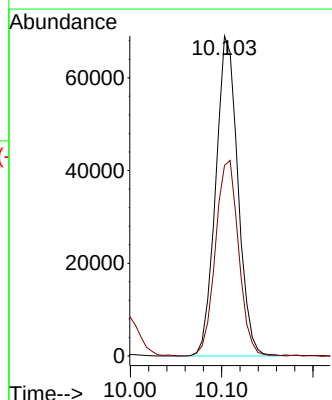
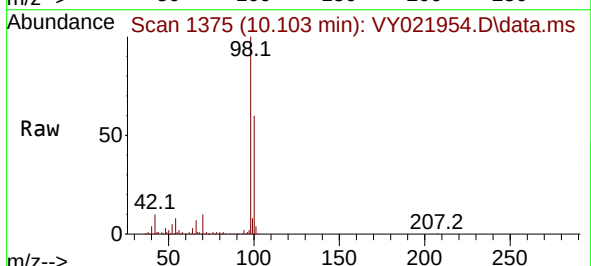
Acq: 22 Apr 2025 14:44

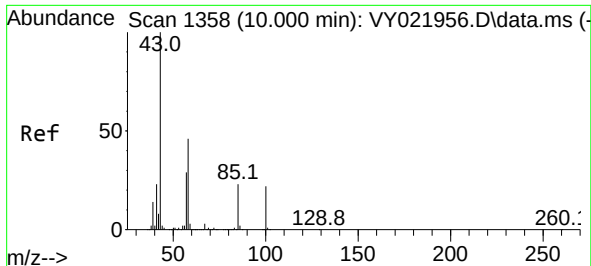
Tgt Ion: 98 Resp: 116480

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

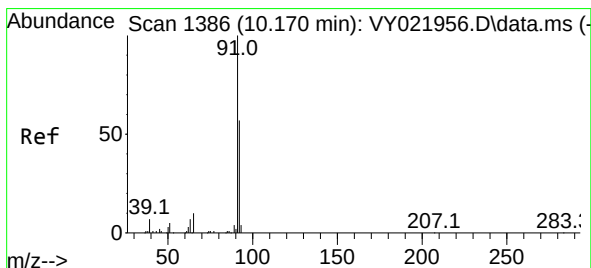
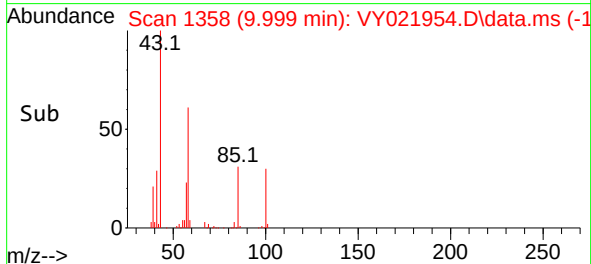
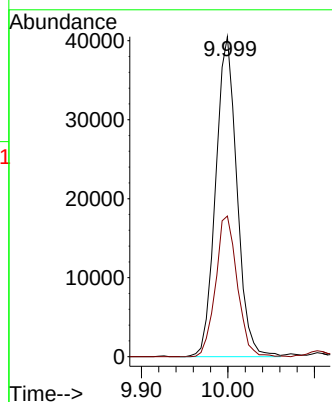
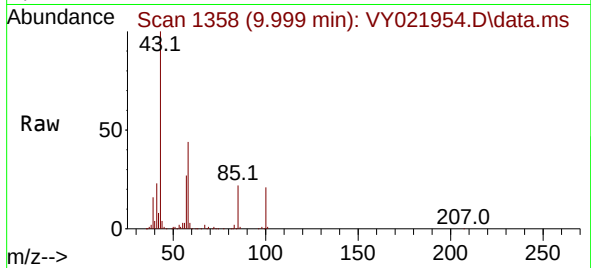




#51
4-Methyl-2-Pentanone
Concen: 46.490 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

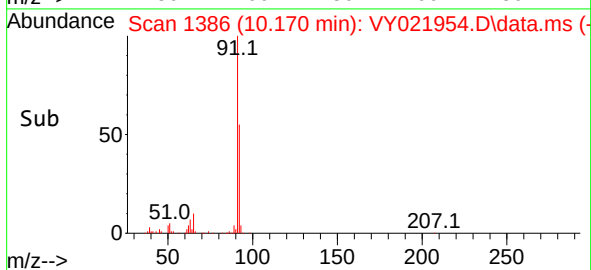
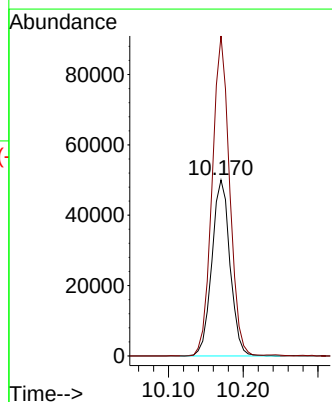
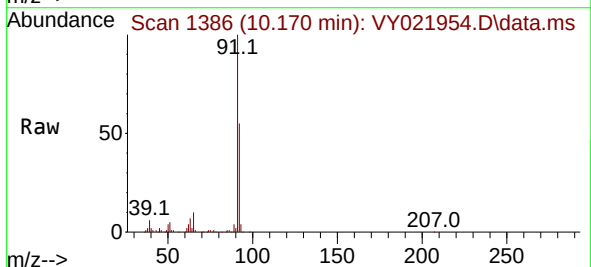
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

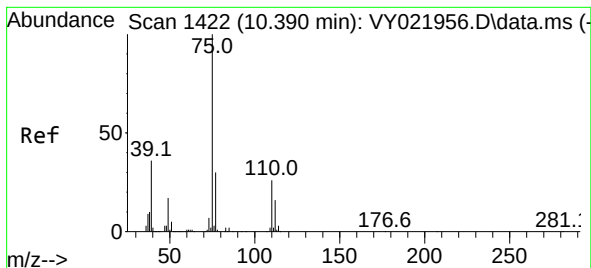
Tgt Ion: 43 Resp: 68951
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 10.189 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 92 Resp: 84571
Ion Ratio Lower Upper
92 100
91 175.1 138.6 207.8

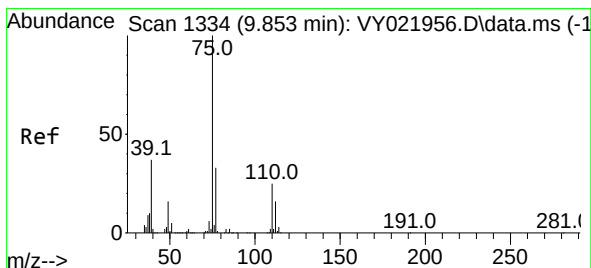
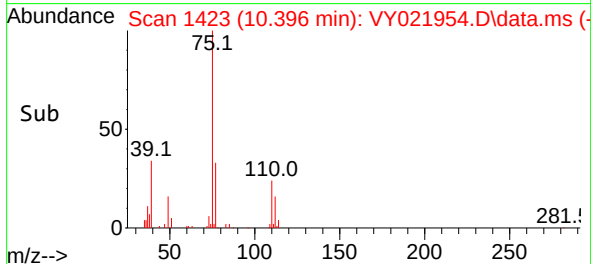
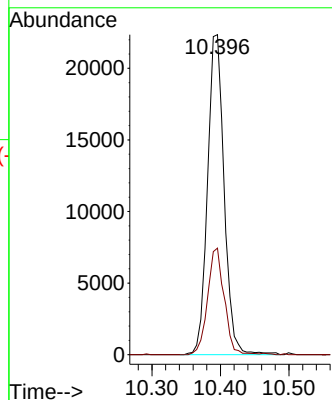
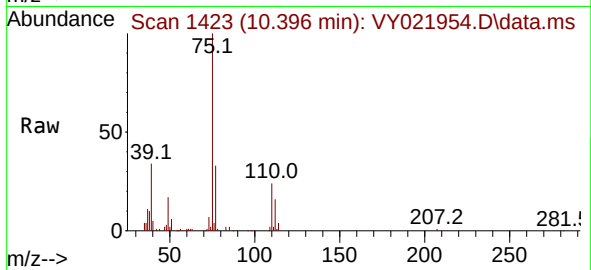




#53
 t-1,3-Dichloropropene
 Concen: 9.911 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

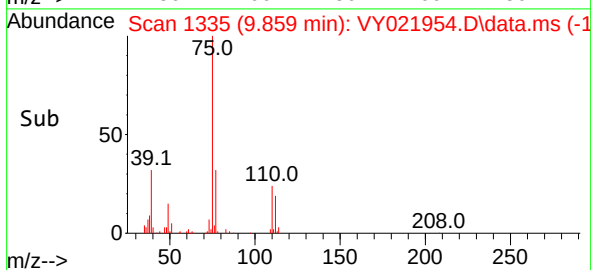
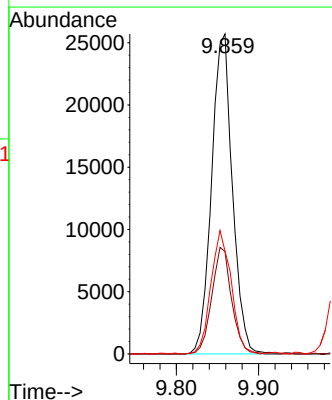
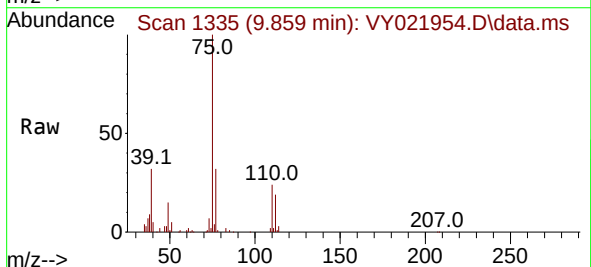
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

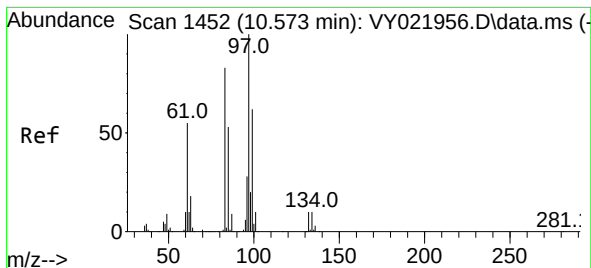
Tgt Ion: 75 Resp: 37699
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.982 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 45133
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.6 40.0
 39 32.2 29.6 44.4

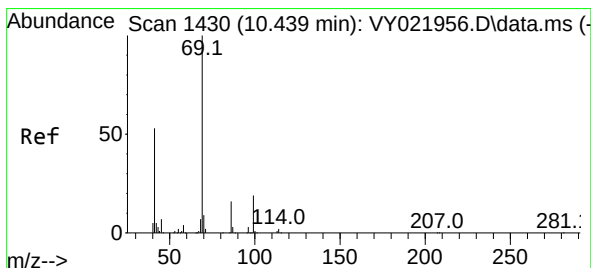
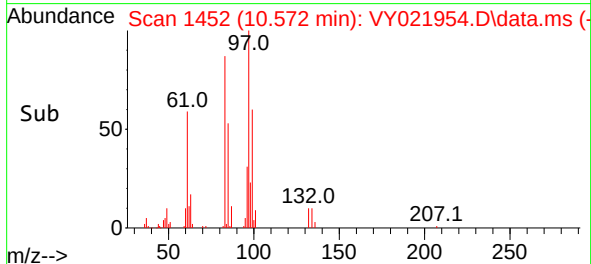
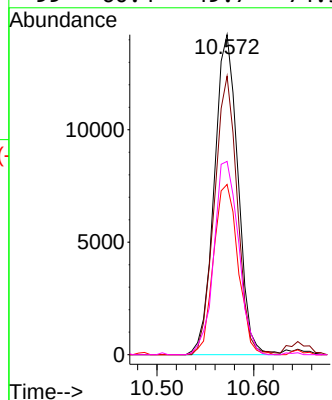
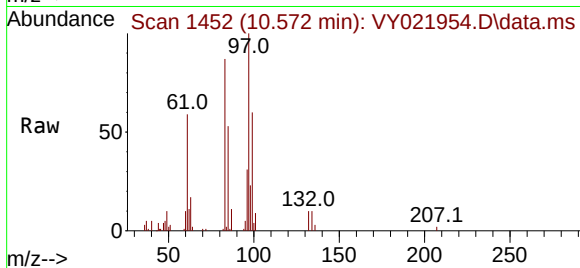




#55
1,1,2-Trichloroethane
Concen: 10.192 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

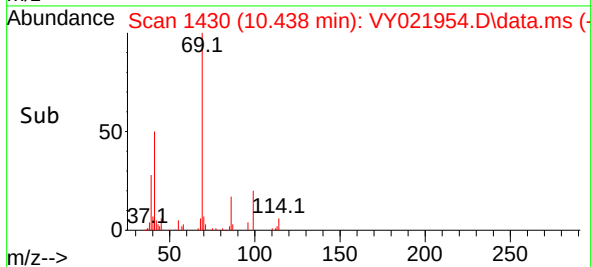
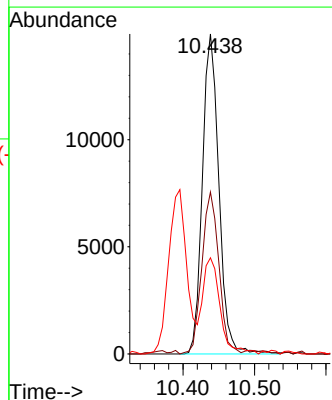
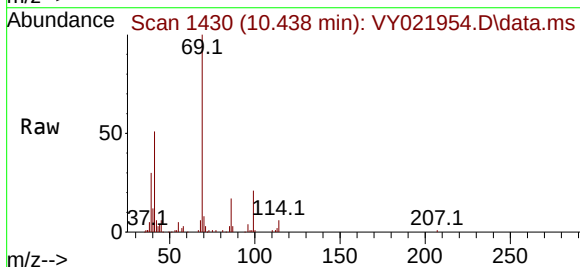
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

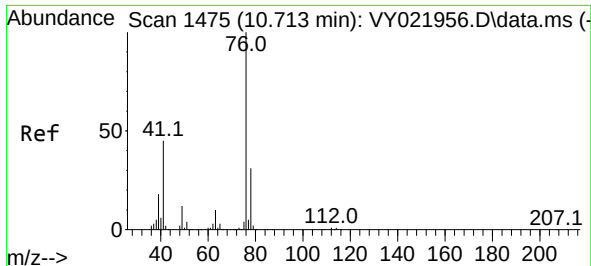
Tgt Ion:	97	Resp:	24166
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.7	100.1
85	53.2	42.6	64.0
99	60.4	49.7	74.5



#56
Ethyl methacrylate
Concen: 8.823 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:	69	Resp:	23924
Ion	Ratio	Lower	Upper
69	100		
41	52.1	40.7	61.1
39	31.1	23.3	34.9





#57

1,3-Dichloropropane

Concen: 10.204 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

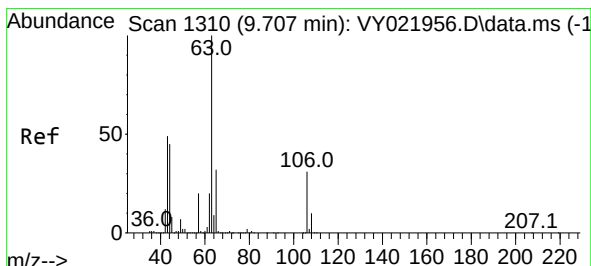
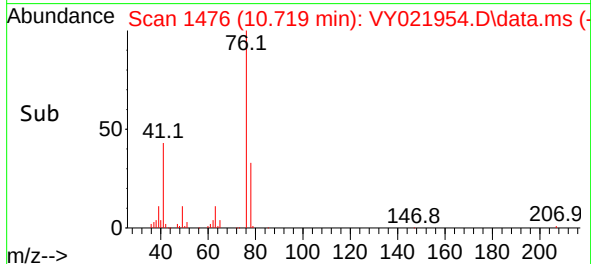
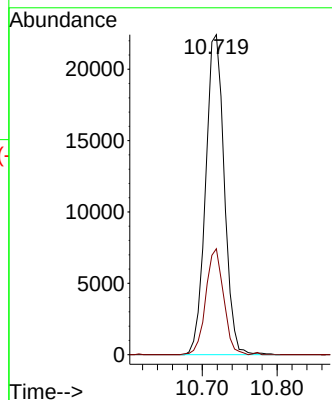
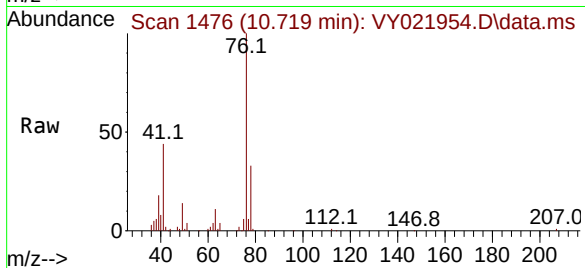
VSTDIC010

Tgt Ion: 76 Resp: 38787

Ion Ratio Lower Upper

76 100

78 31.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 42.164 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY021954.D

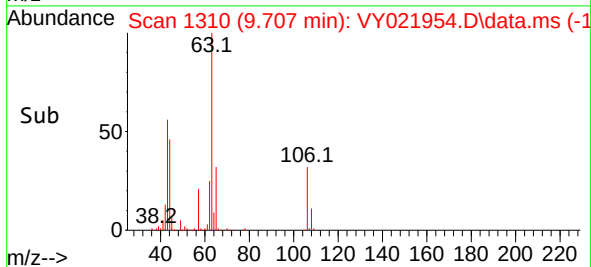
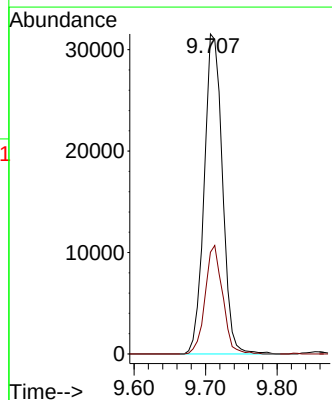
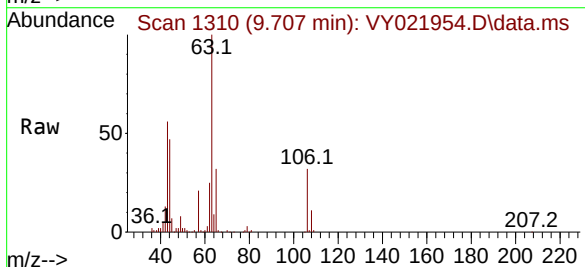
Acq: 22 Apr 2025 14:44

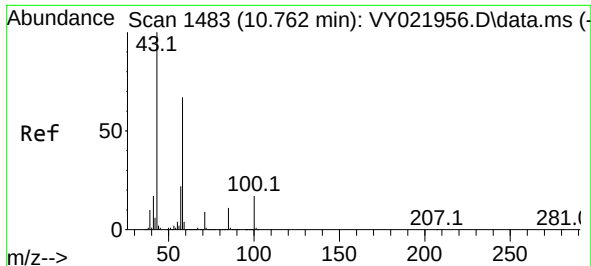
Tgt Ion: 63 Resp: 55900

Ion Ratio Lower Upper

63 100

106 32.5 25.3 37.9





#59

2-Hexanone

Concen: 45.407 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

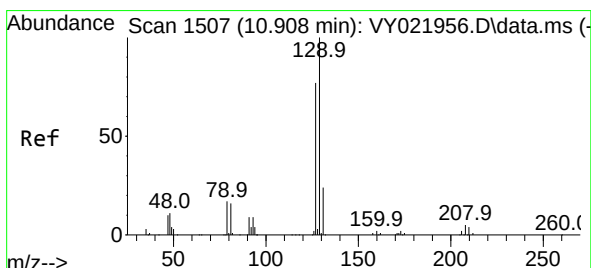
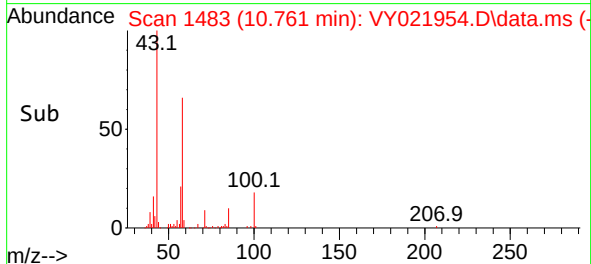
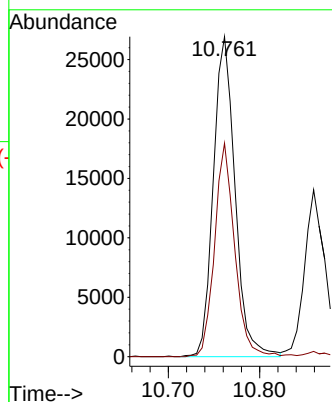
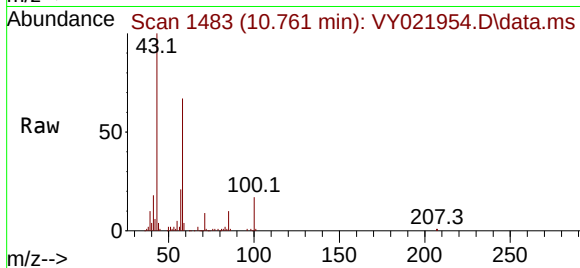
VSTDIC010

Tgt Ion: 43 Resp: 44419

Ion Ratio Lower Upper

43 100

58 61.8 32.0 96.0



#60

Dibromochloromethane

Concen: 9.994 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY021954.D

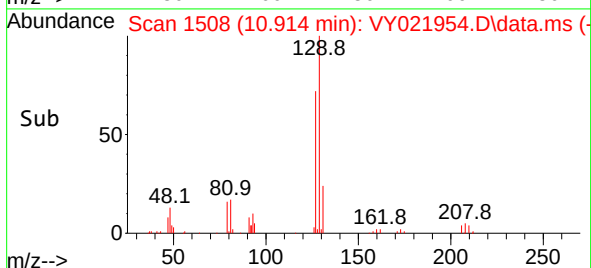
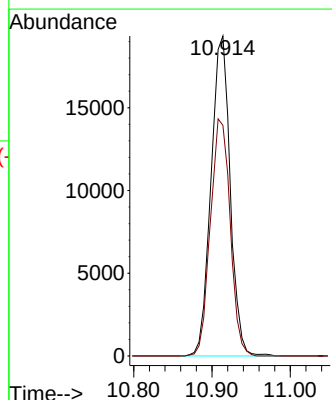
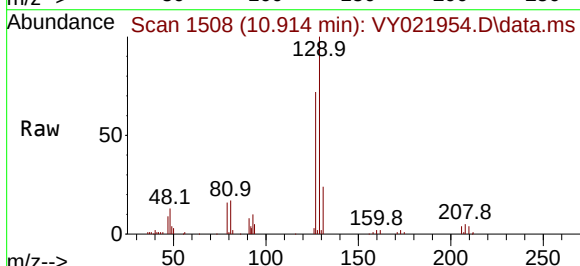
Acq: 22 Apr 2025 14:44

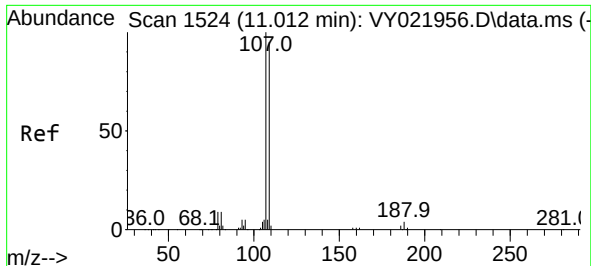
Tgt Ion: 129 Resp: 32807

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.3

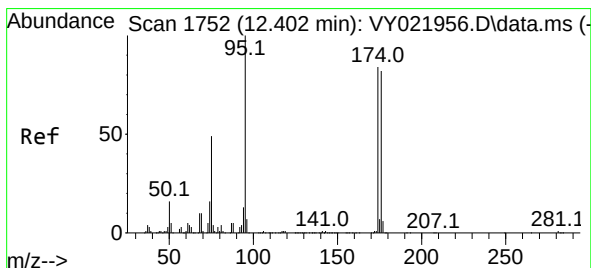
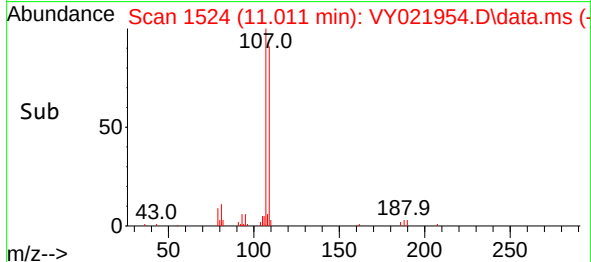
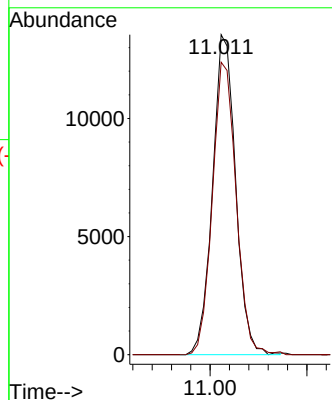
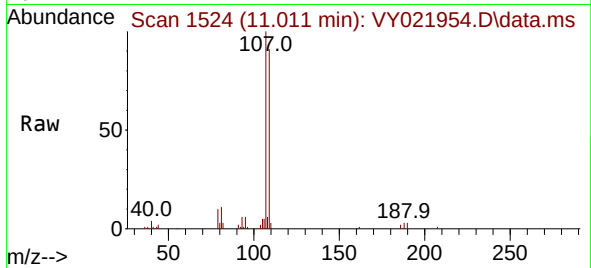




#61
1,2-Dibromoethane
Concen: 10.019 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

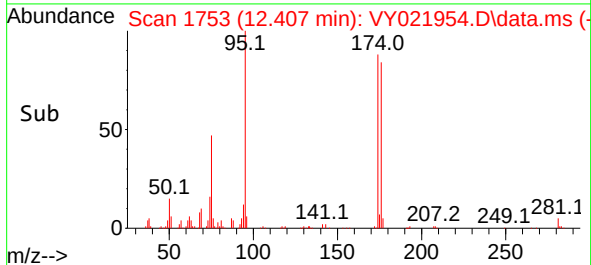
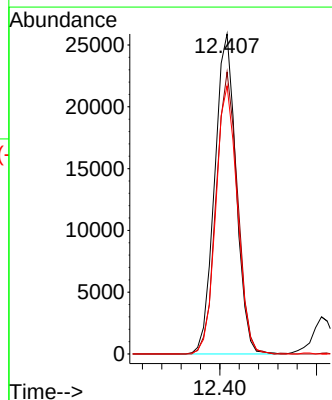
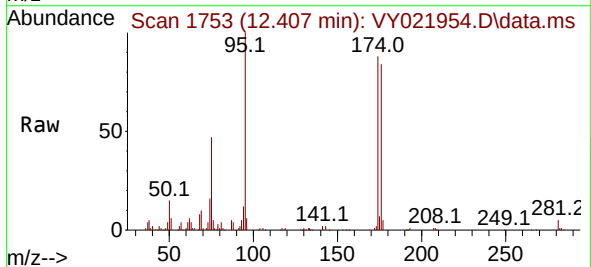
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

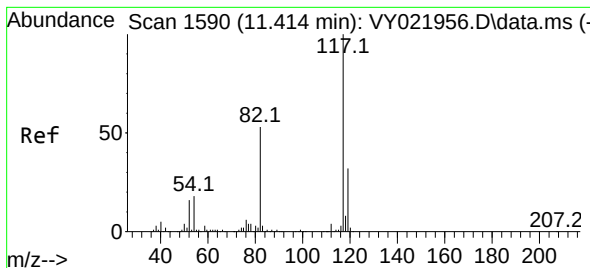
Tgt Ion:107 Resp: 22427
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 10.244 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 95 Resp: 39704
Ion Ratio Lower Upper
95 100
174 88.3 0.0 179.0
176 84.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

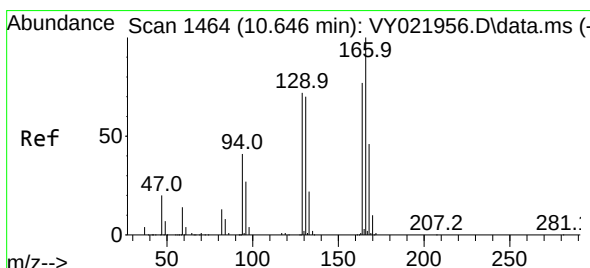
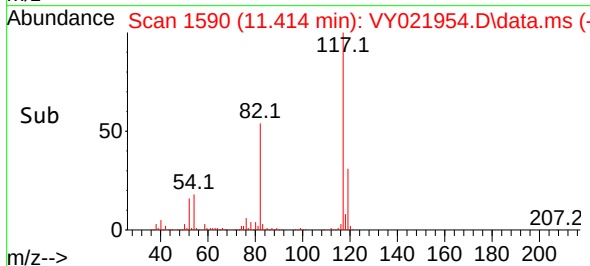
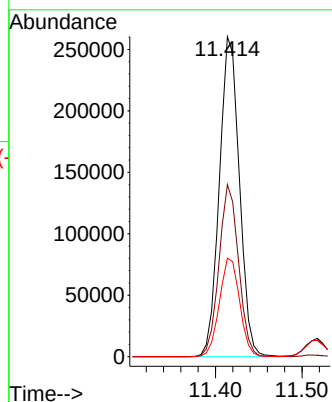
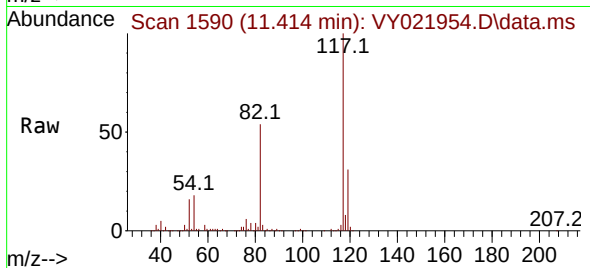
Tgt Ion:117 Resp: 418471

Ion Ratio Lower Upper

117 100

82 53.7 42.1 63.1

119 30.8 25.7 38.5



#64

Tetrachloroethene

Concen: 10.944 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Tgt Ion:164 Resp: 43205

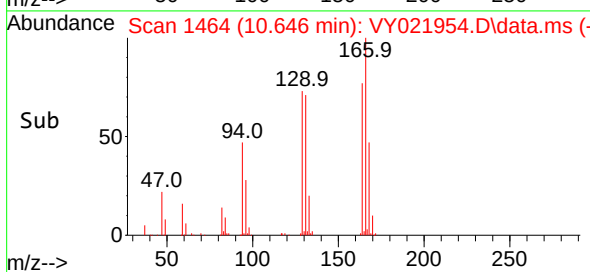
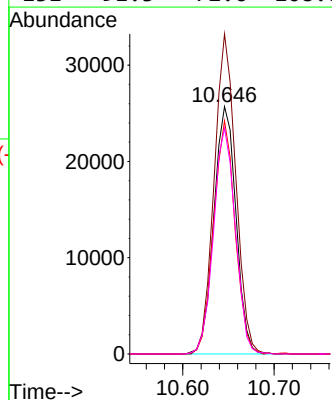
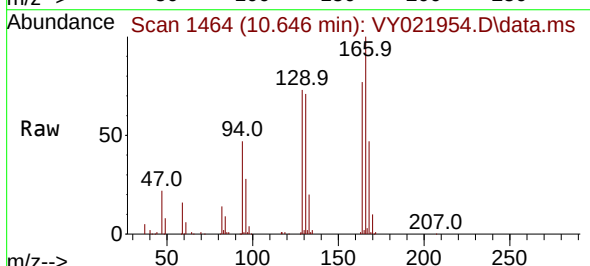
Ion Ratio Lower Upper

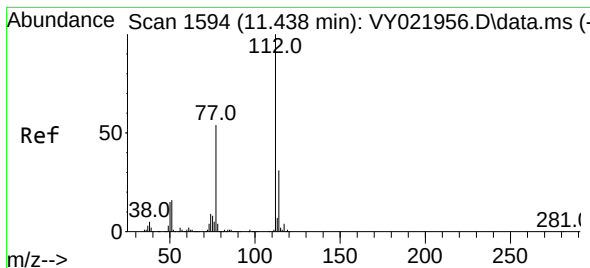
164 100

166 129.4 103.6 155.4

129 94.2 74.2 111.4

131 91.3 72.6 108.8





#65

Chlorobenzene

Concen: 10.306 ug/l

RT: 11.444 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

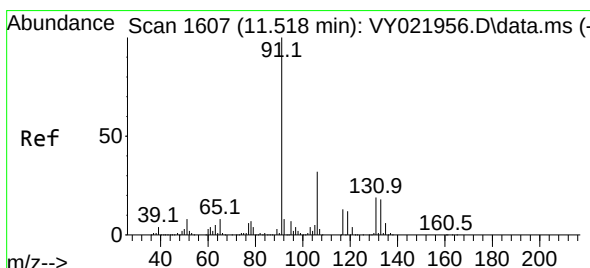
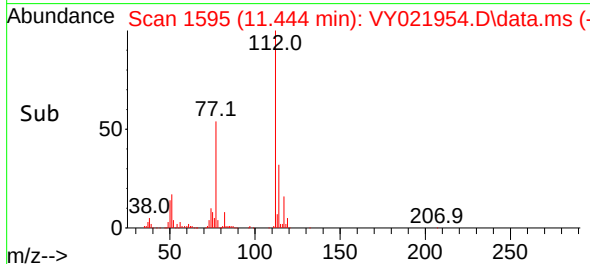
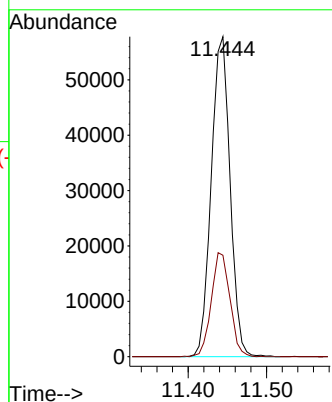
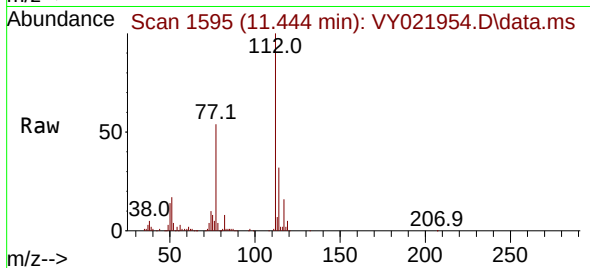
VSTDIC010

Tgt Ion:112 Resp: 96442

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 10.392 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

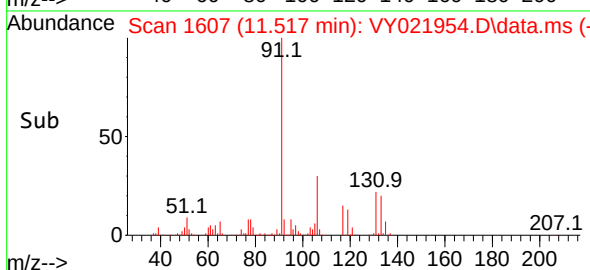
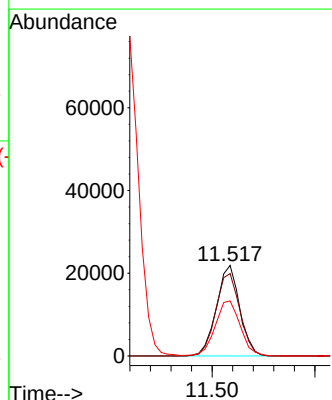
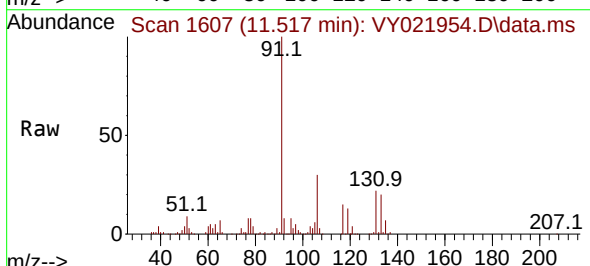
Tgt Ion:131 Resp: 34237

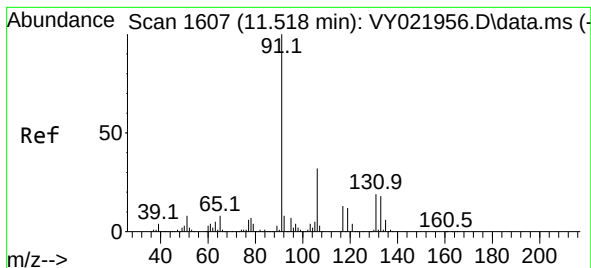
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 65.7 32.4 97.0





#67

Ethyl Benzene

Concen: 10.058 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

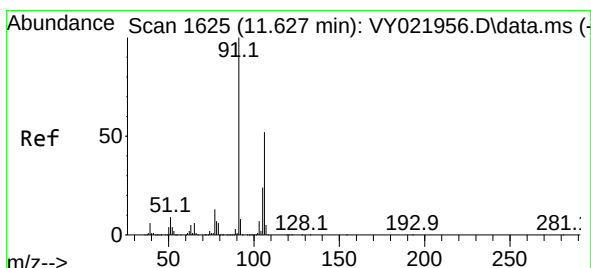
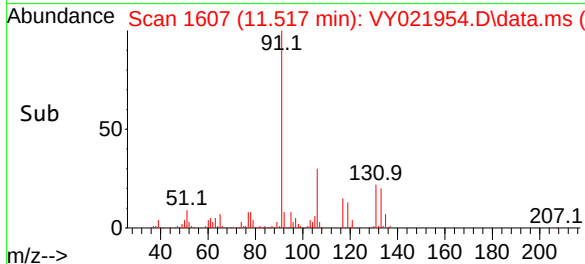
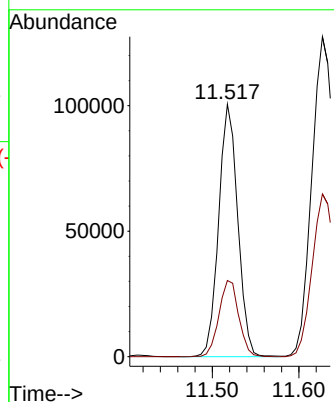
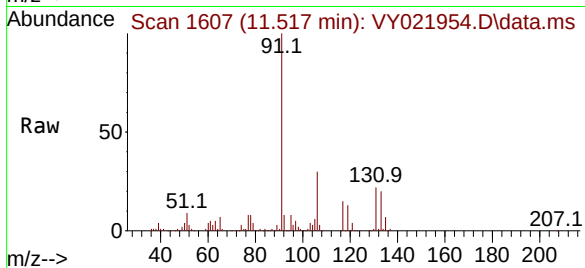
VSTDIC010

Tgt Ion: 91 Resp: 153977

Ion Ratio Lower Upper

91 100

106 30.2 25.9 38.9



#68

m/p-Xylenes

Concen: 19.789 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021954.D

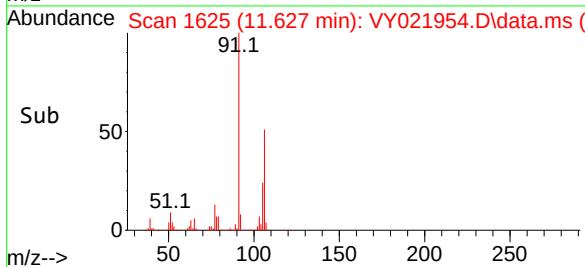
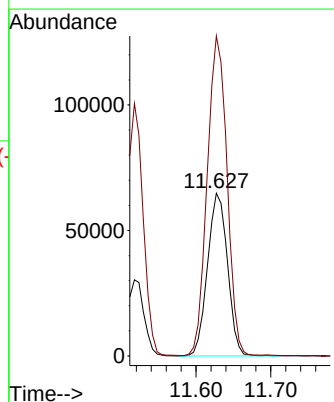
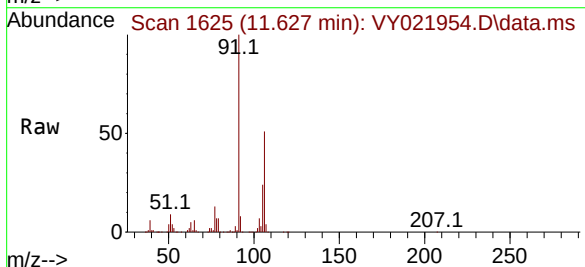
Acq: 22 Apr 2025 14:44

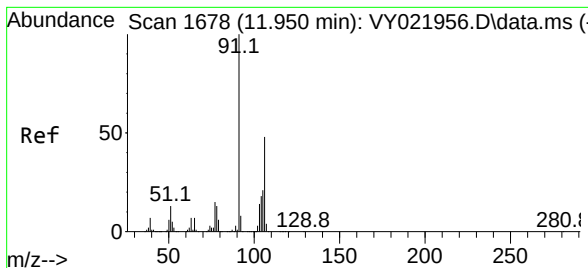
Tgt Ion:106 Resp: 120544

Ion Ratio Lower Upper

106 100

91 194.6 156.2 234.2

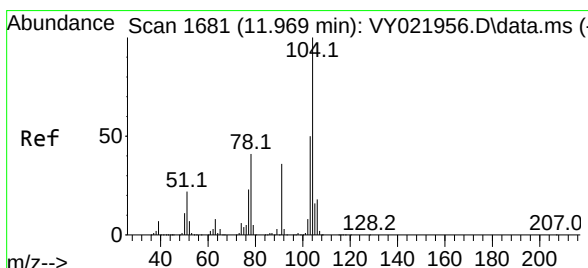
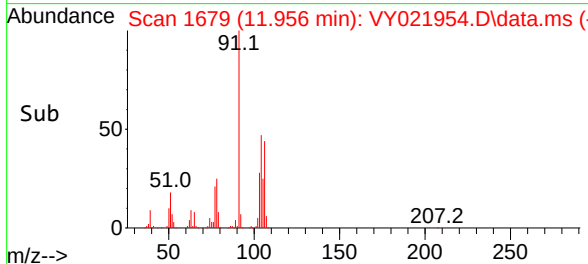
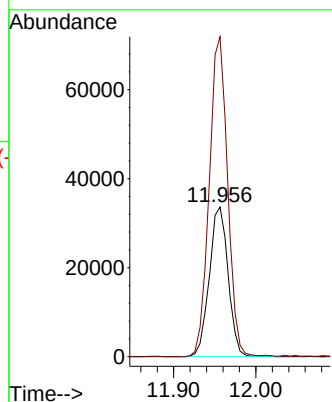
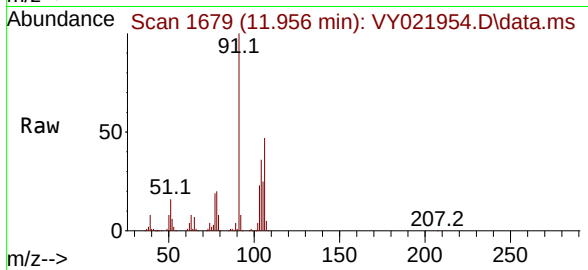




#69
o-Xylene
Concen: 9.521 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

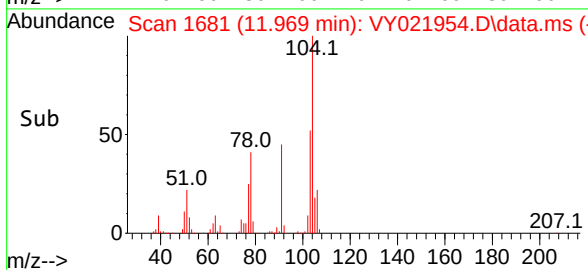
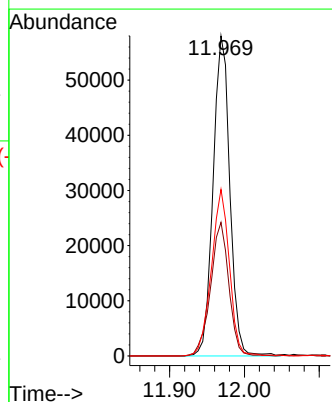
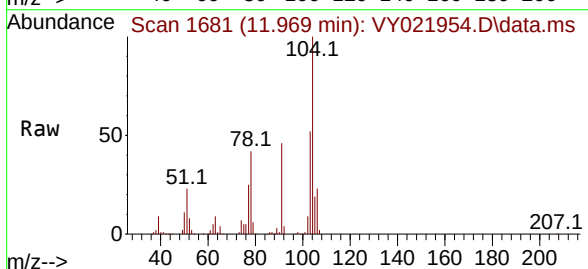
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

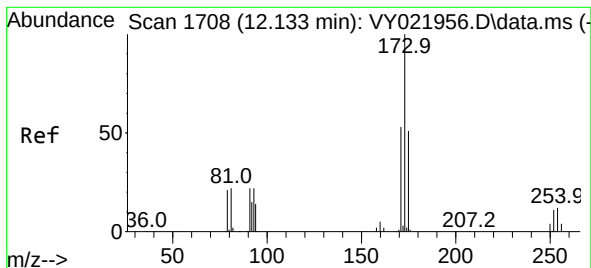
Tgt Ion:106 Resp: 53458
Ion Ratio Lower Upper
106 100
91 208.8 103.0 308.9



#70
Styrene
Concen: 9.588 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:104 Resp: 90382
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 55.7 43.8 65.8





#71

Bromoform

Concen: 9.648 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

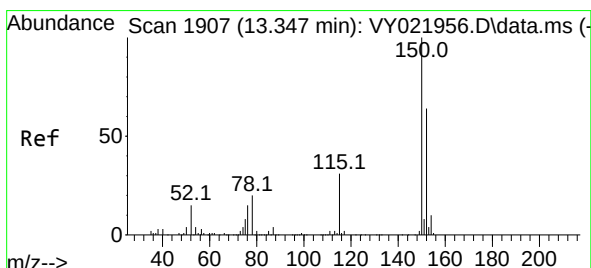
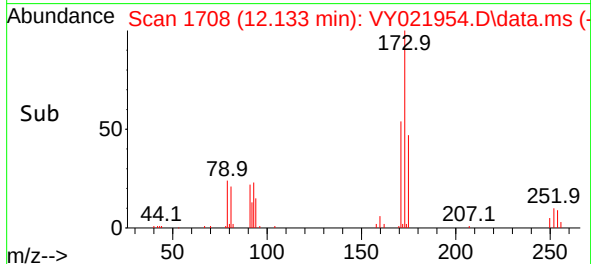
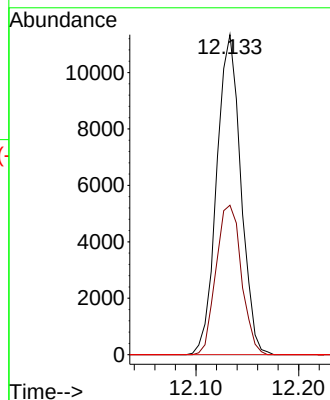
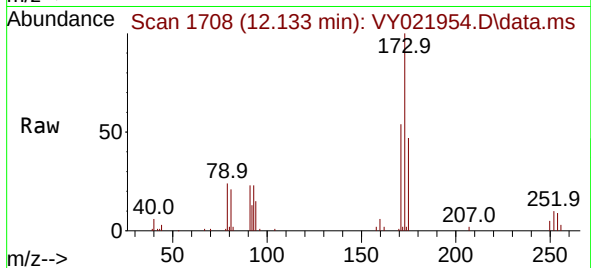
Tgt Ion:173 Resp: 18480

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

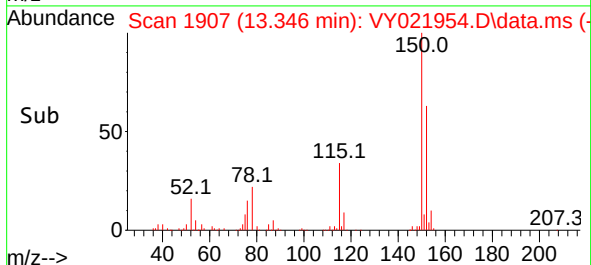
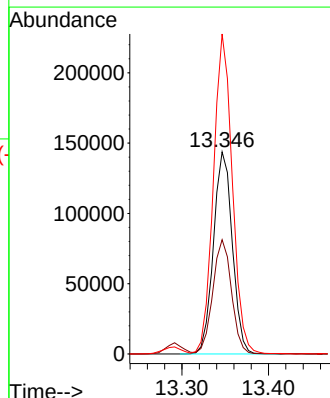
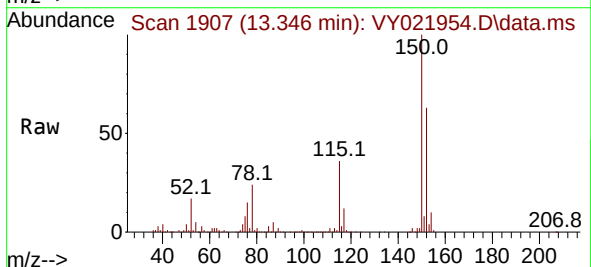
Tgt Ion:152 Resp: 217358

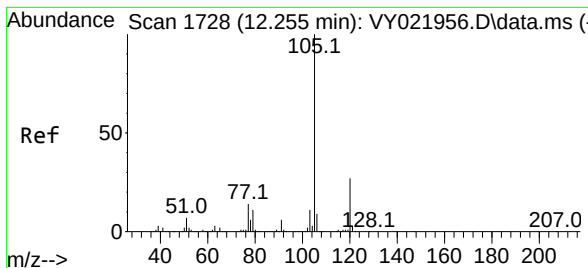
Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 158.8 0.0 345.6





#73

Isopropylbenzene

Concen: 9.928 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

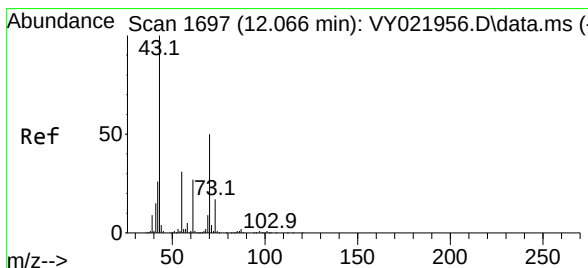
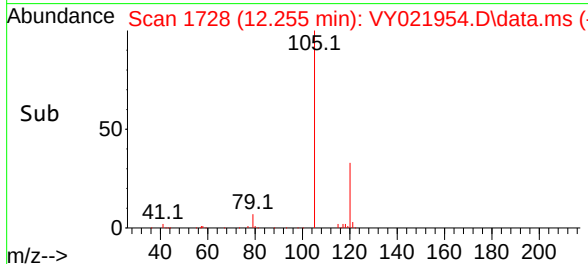
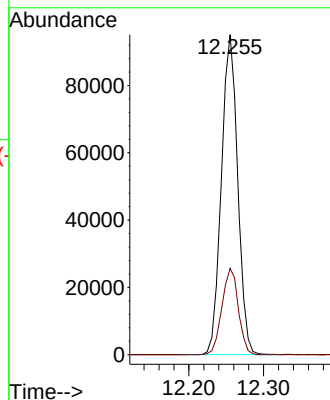
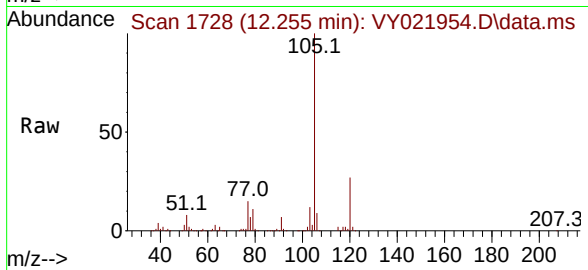
VSTDIC010

Tgt Ion:105 Resp: 144167

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 9.242 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 23058

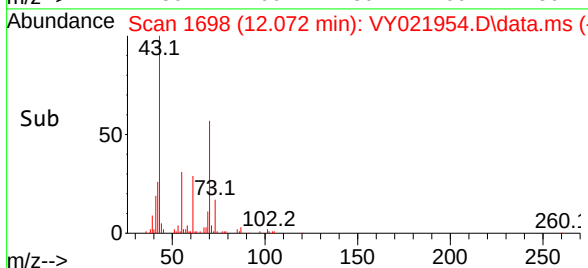
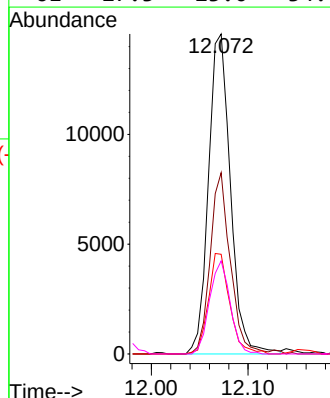
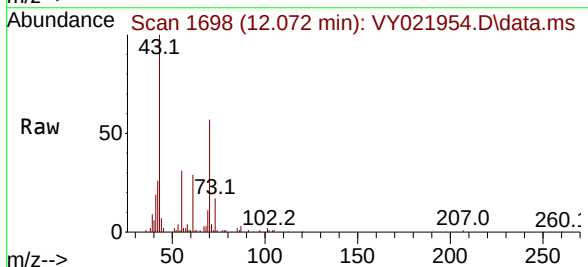
Ion Ratio Lower Upper

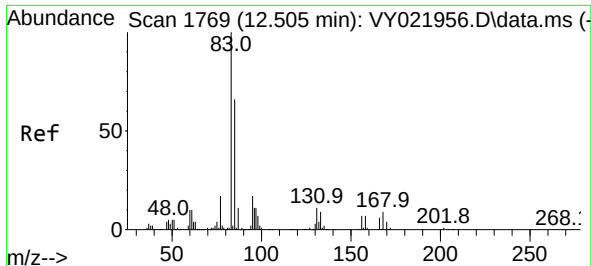
43 100

70 51.9 43.2 64.8

55 30.4 25.7 38.5

61 27.3 23.0 34.6

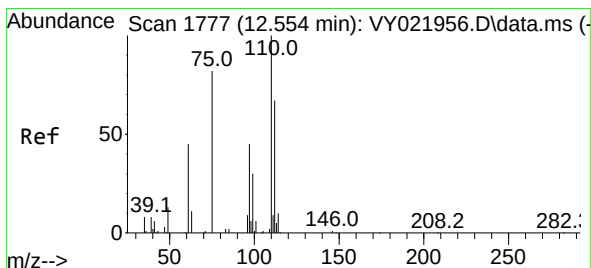
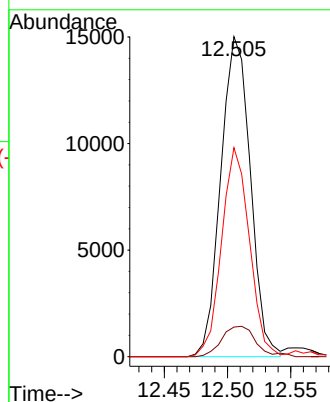
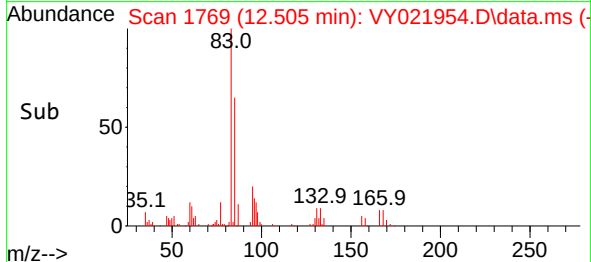
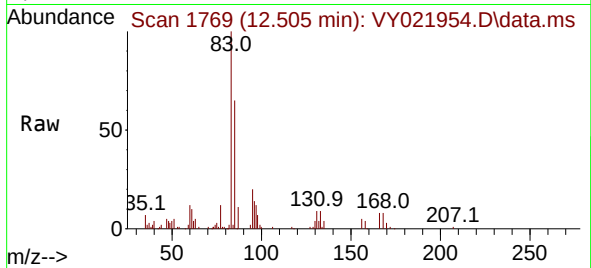




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.971 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

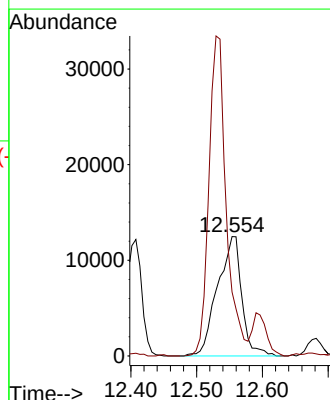
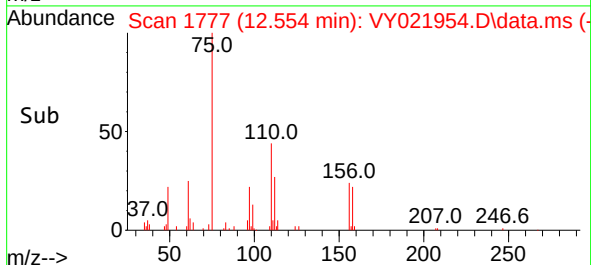
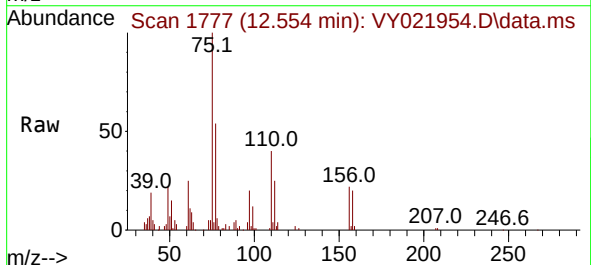
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

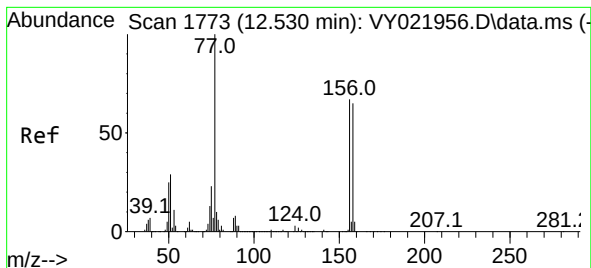
Tgt Ion: 83 Resp: 24413
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.4
 85 61.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 16.711 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 32006
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.845 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

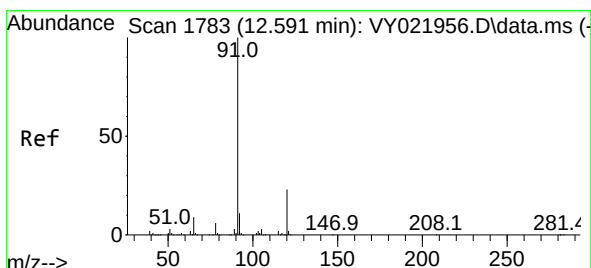
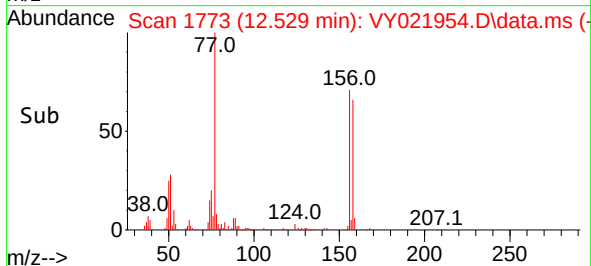
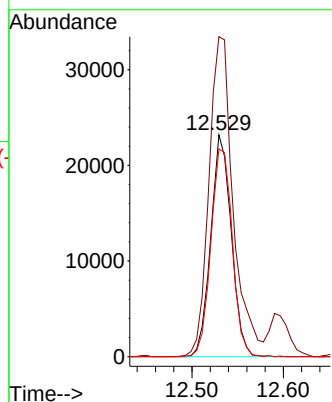
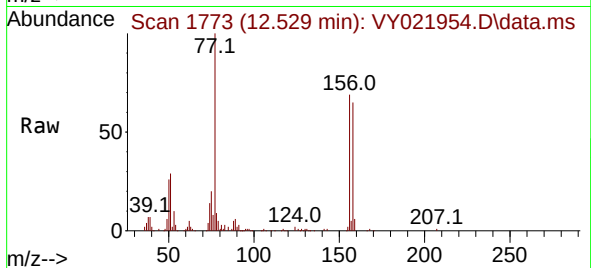
Tgt Ion:156 Resp: 36127

Ion Ratio Lower Upper

156 100

77 170.7 82.7 248.1

158 97.5 48.1 144.4



#78

n-propylbenzene

Concen: 10.045 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY021954.D

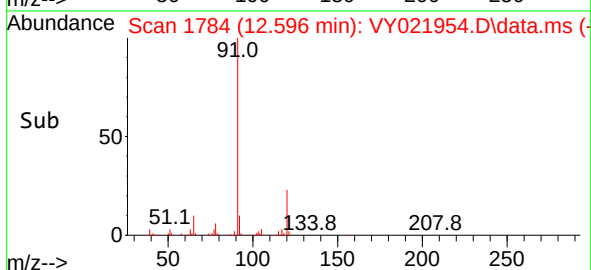
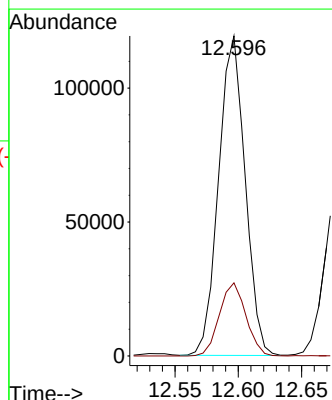
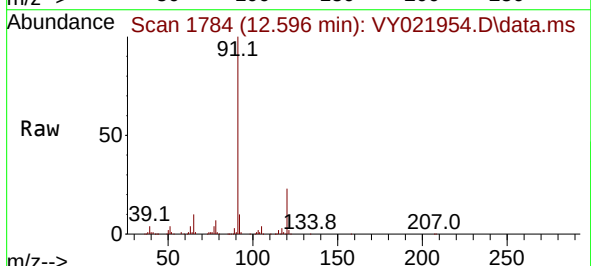
Acq: 22 Apr 2025 14:44

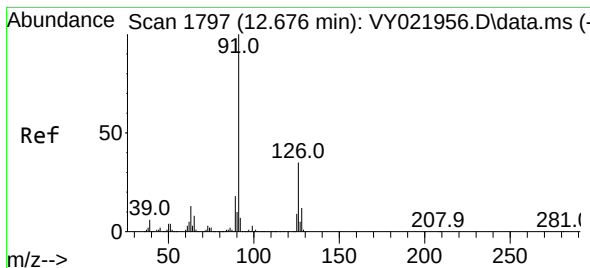
Tgt Ion: 91 Resp: 173723

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 10.127 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

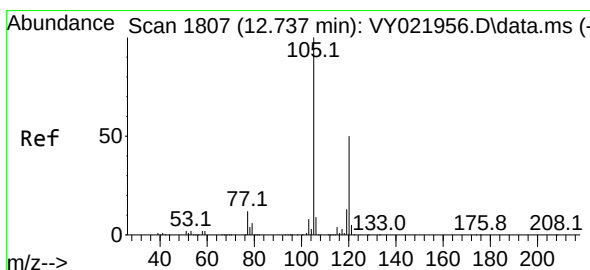
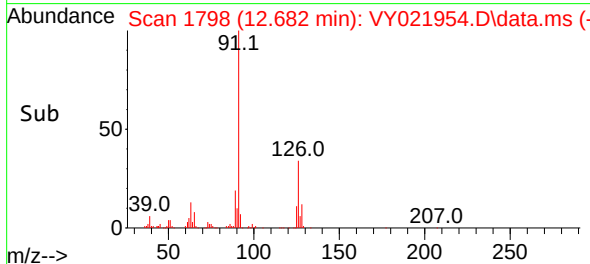
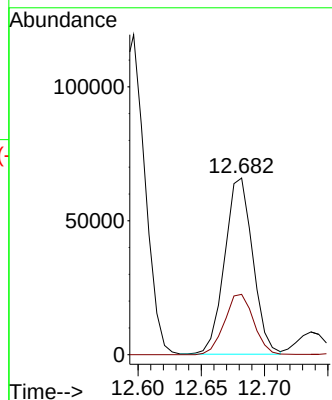
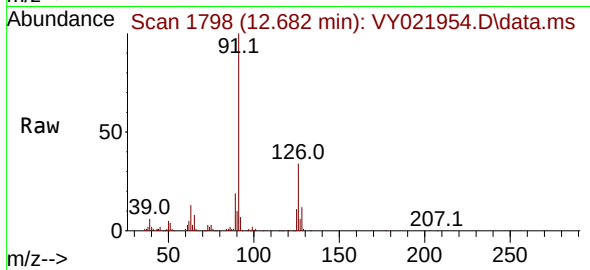
VSTDIC010

Tgt Ion: 91 Resp: 101855

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 10.018 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021954.D

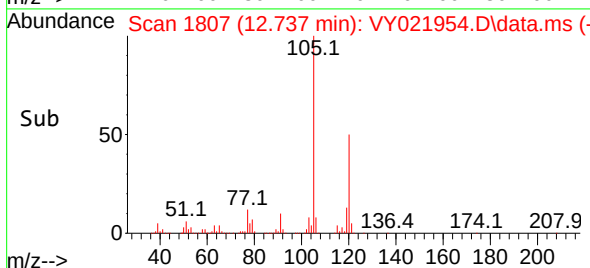
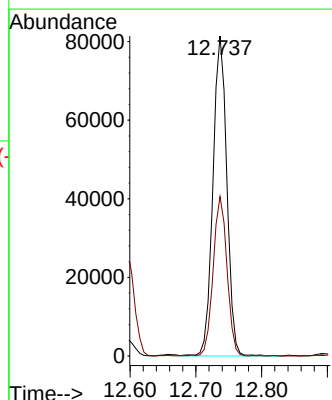
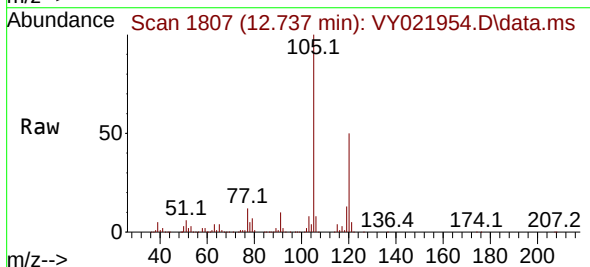
Acq: 22 Apr 2025 14:44

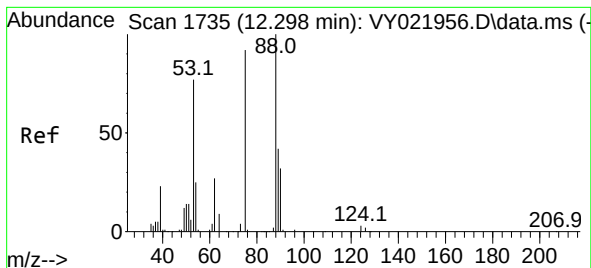
Tgt Ion: 105 Resp: 119871

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0

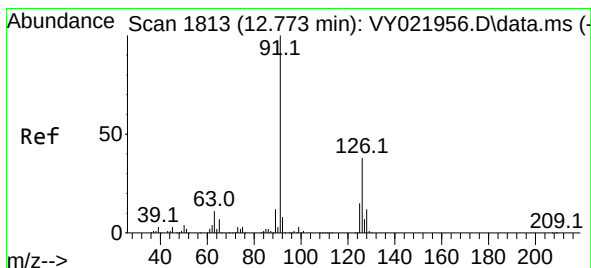
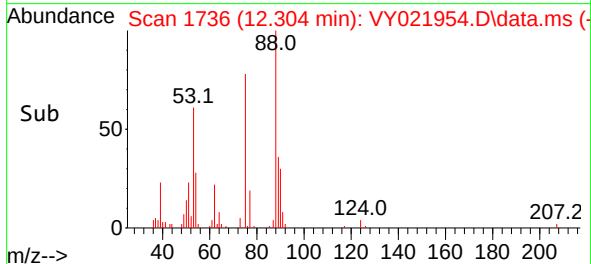
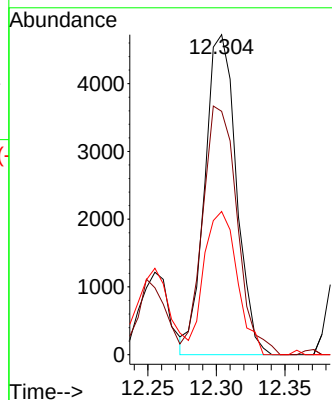
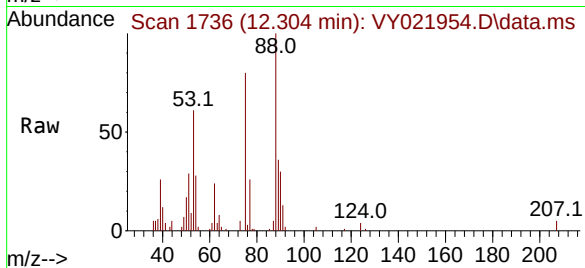




#81
trans-1,4-Dichloro-2-butene
Concen: 9.773 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

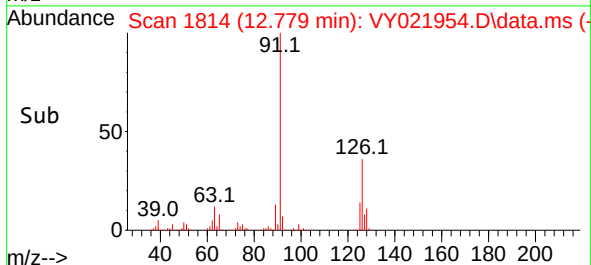
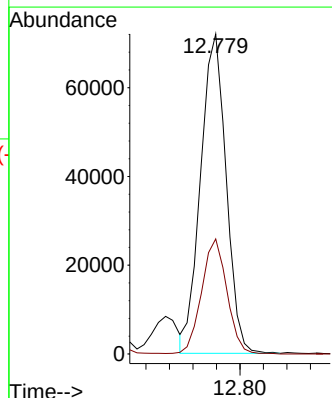
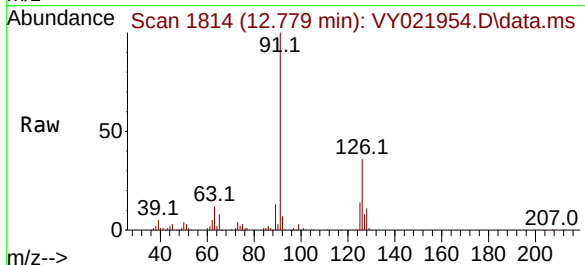
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

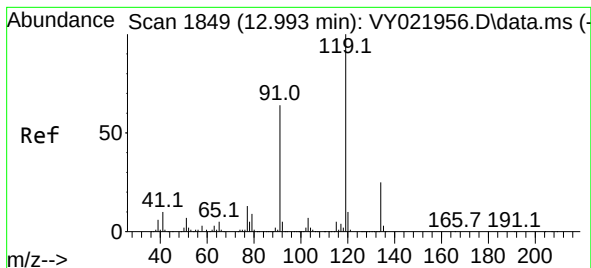
Tgt Ion: 75 Resp: 7556
Ion Ratio Lower Upper
75 100
53 84.6 66.0 99.0
89 47.0 37.2 55.8



#82
4-Chlorotoluene
Concen: 10.400 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 108734
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 9.649 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

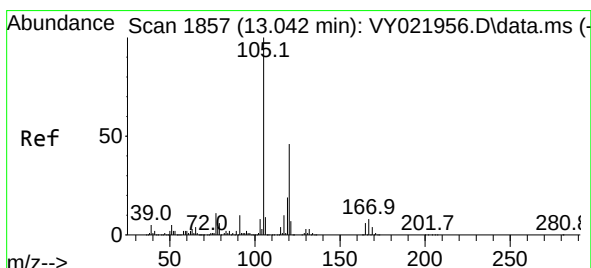
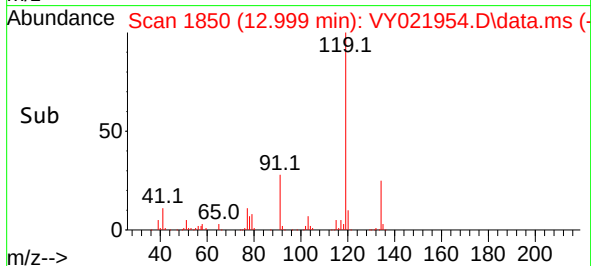
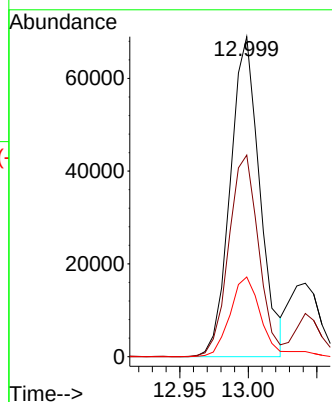
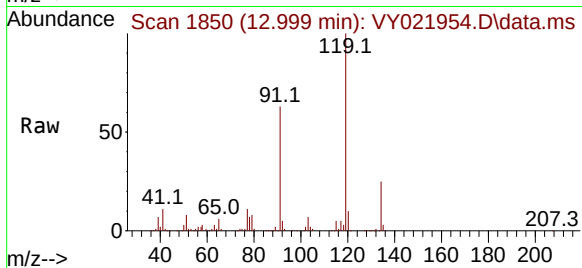
Tgt Ion:119 Resp: 103541

Ion Ratio Lower Upper

119 100

91 63.8 30.3 90.9

134 26.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 9.870 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021954.D

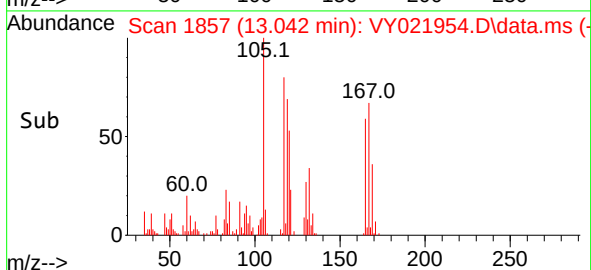
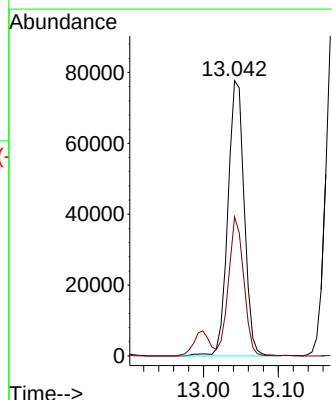
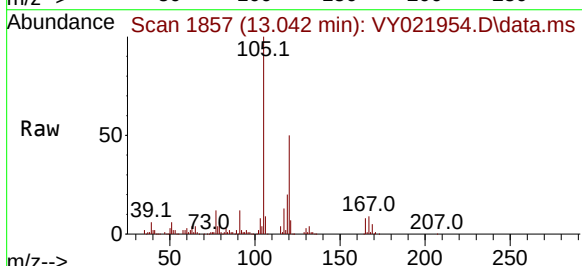
Acq: 22 Apr 2025 14:44

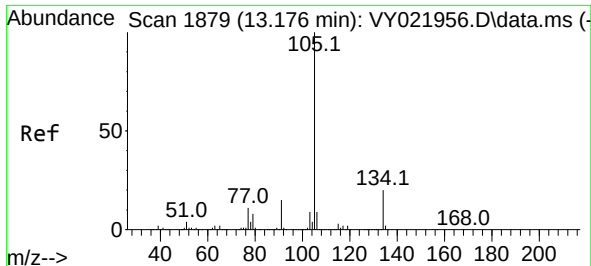
Tgt Ion:105 Resp: 118119

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0

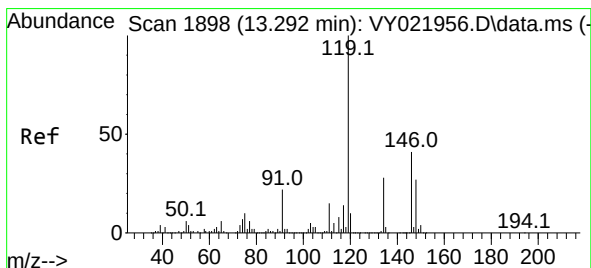
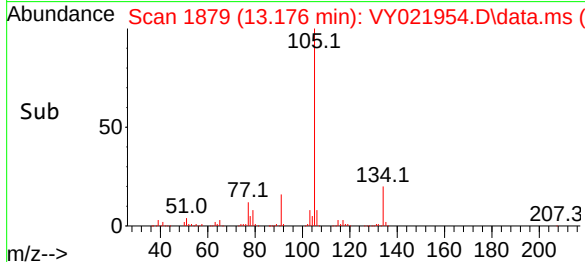
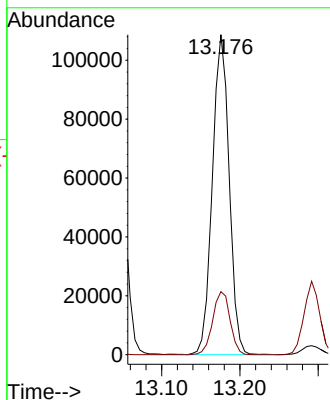
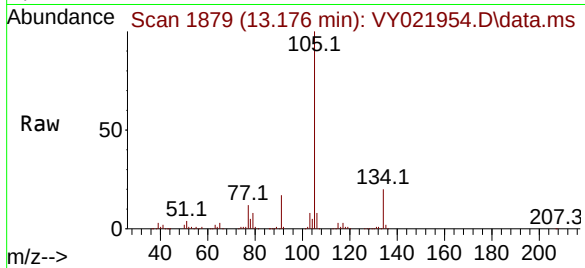




#85
 sec-Butylbenzene
 Concen: 10.311 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

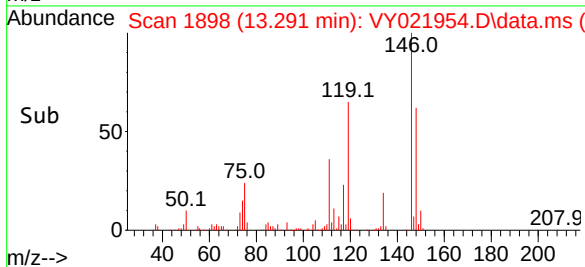
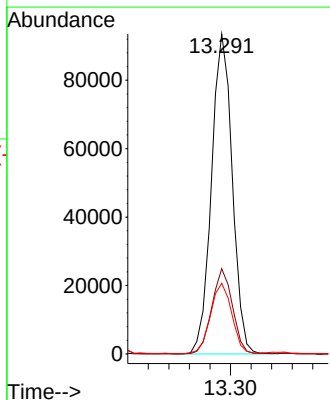
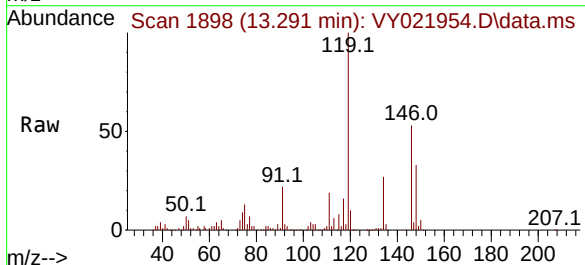
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

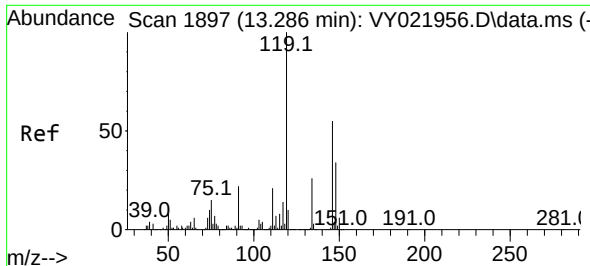
Tgt Ion:105 Resp: 161907
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 9.834 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021954.D
 Acq: 22 Apr 2025 14:44

Tgt Ion:119 Resp: 131120
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 22.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 10.404 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

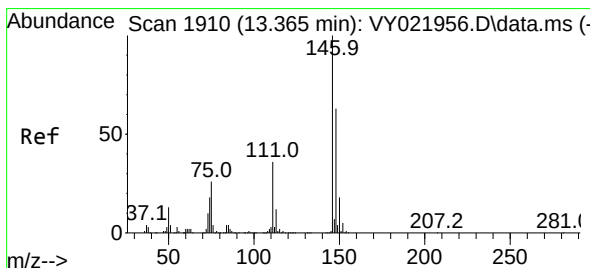
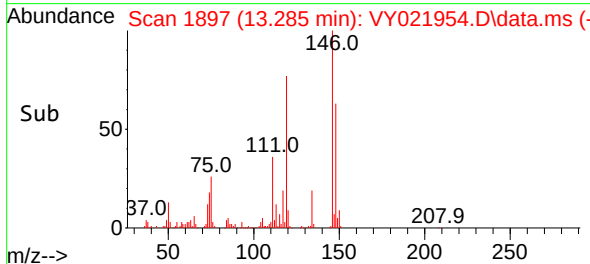
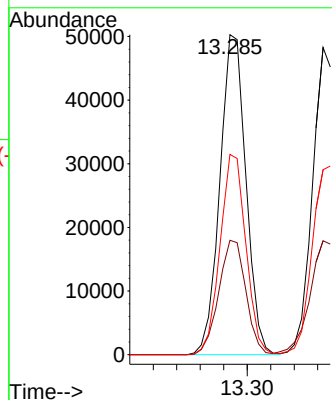
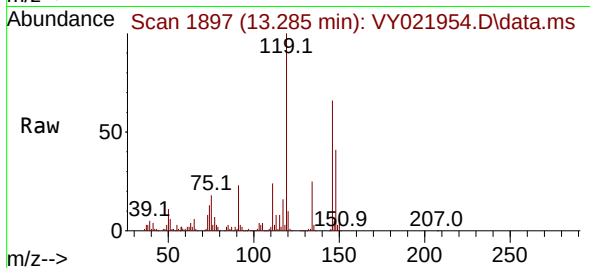
Tgt Ion:146 Resp: 77538

Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.5

148 61.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 10.167 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

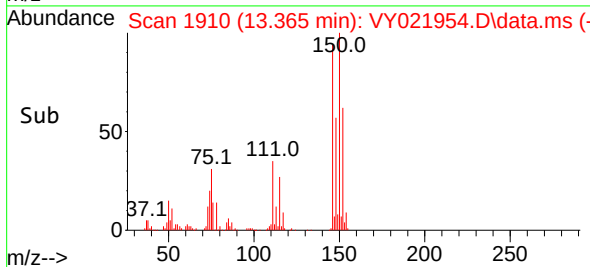
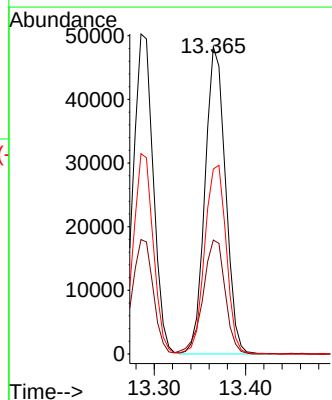
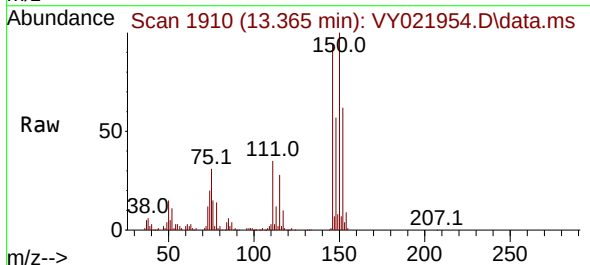
Tgt Ion:146 Resp: 75043

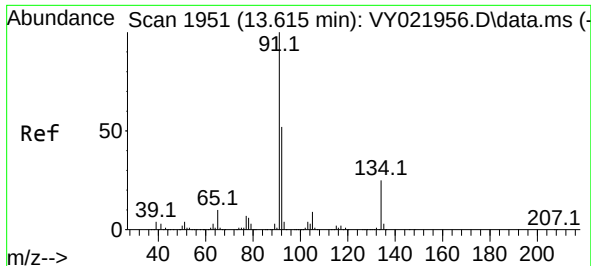
Ion Ratio Lower Upper

146 100

111 40.1 19.2 57.6

148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 10.177 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

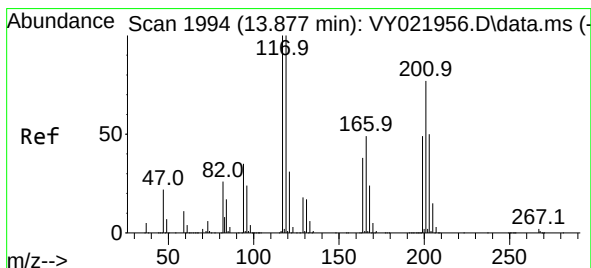
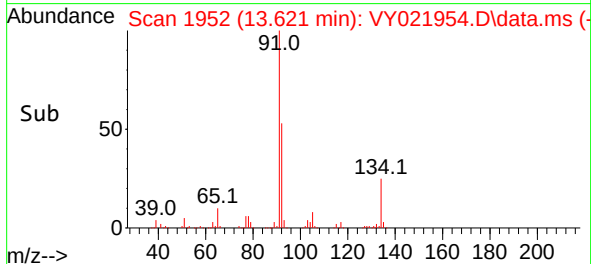
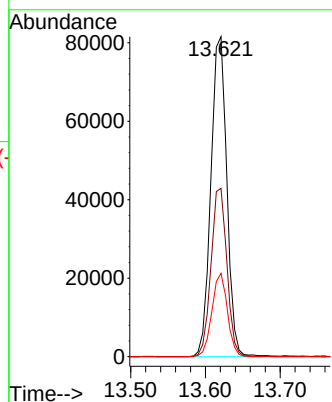
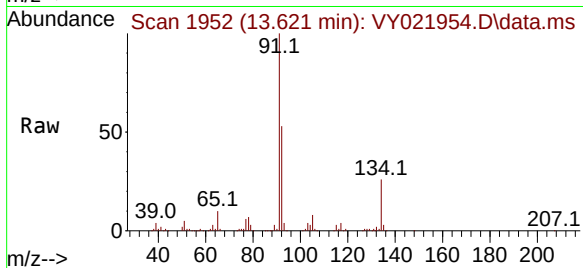
Tgt Ion: 91 Resp: 121297

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.3 13.4 40.1



#90

Hexachloroethane

Concen: 10.541 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY021954.D

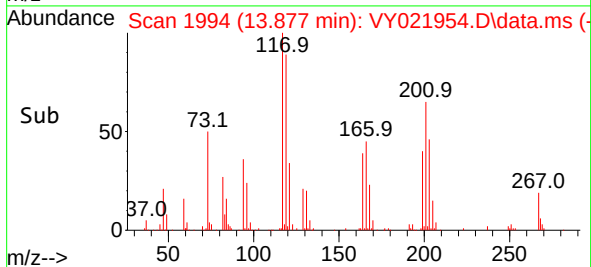
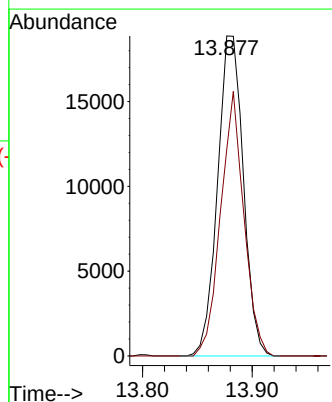
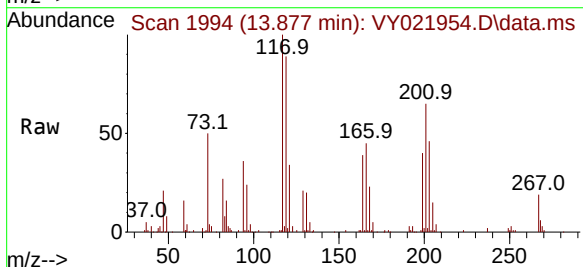
Acq: 22 Apr 2025 14:44

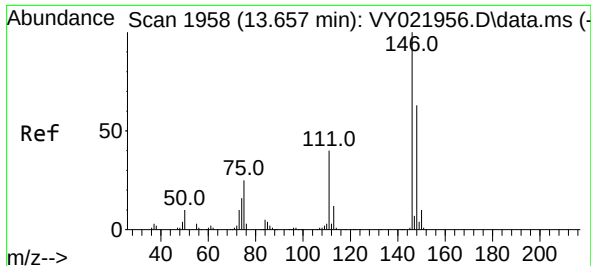
Tgt Ion: 117 Resp: 30881

Ion Ratio Lower Upper

117 100

201 74.6 38.7 116.1

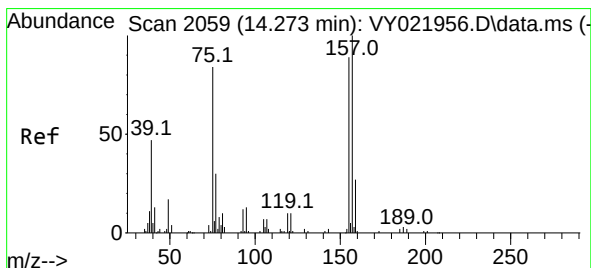
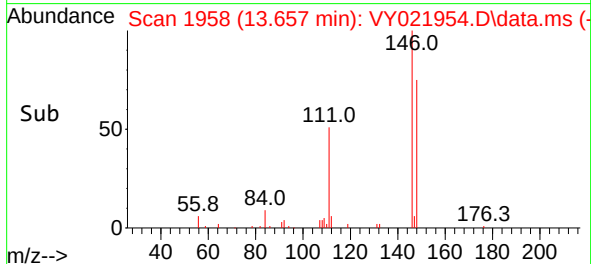
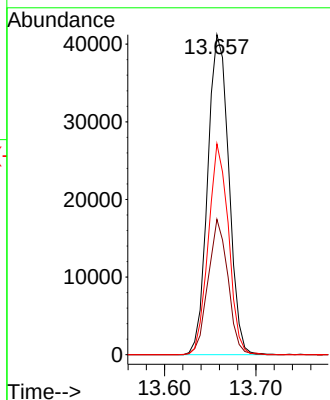
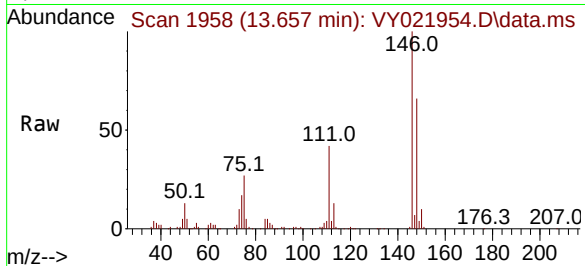




#91
1,2-Dichlorobenzene
Concen: 10.178 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

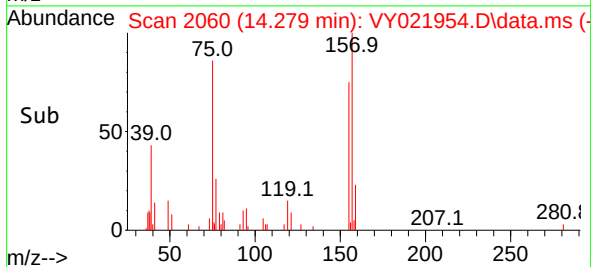
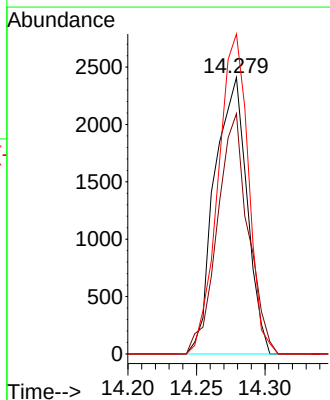
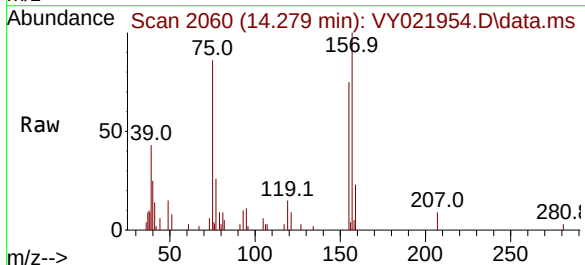
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

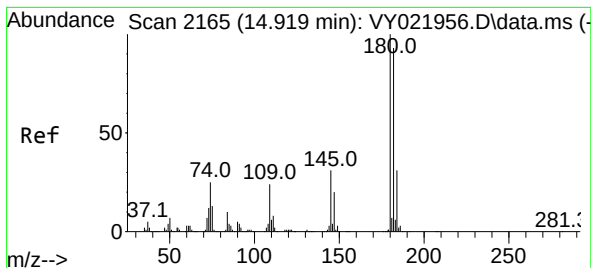
Tgt Ion:146 Resp: 66159
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.1
148 62.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.153 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 3955
Ion Ratio Lower Upper
75 100
155 82.8 50.7 152.3
157 108.3 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 9.446 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

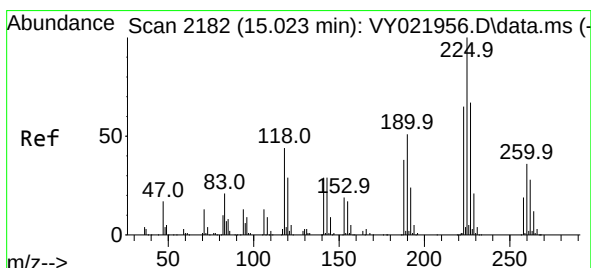
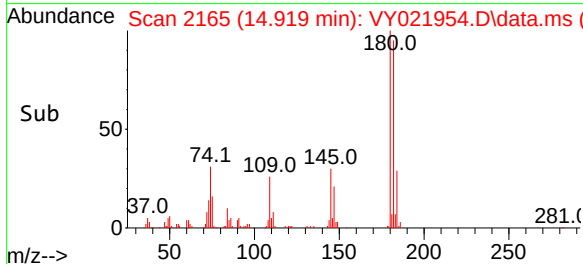
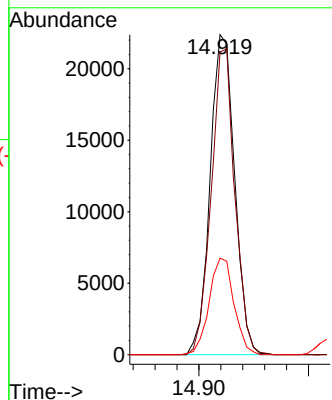
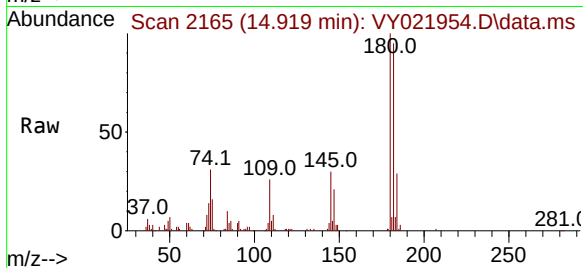
Tgt Ion:180 Resp: 34793

Ion Ratio Lower Upper

180 100

182 92.1 47.1 141.4

145 30.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 10.457 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

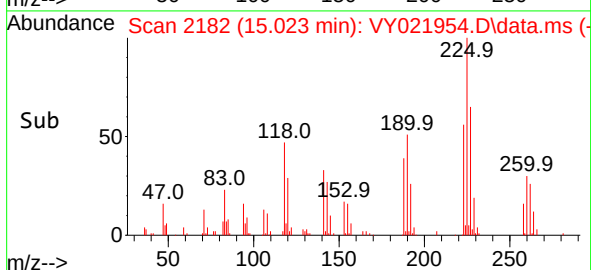
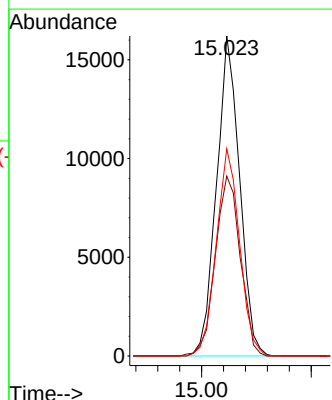
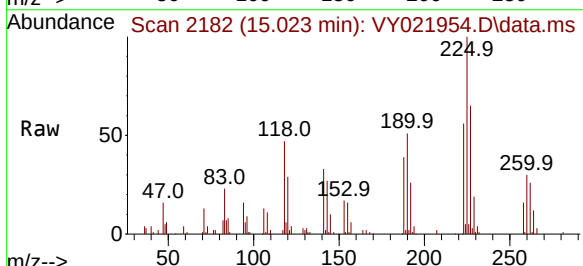
Tgt Ion:225 Resp: 23698

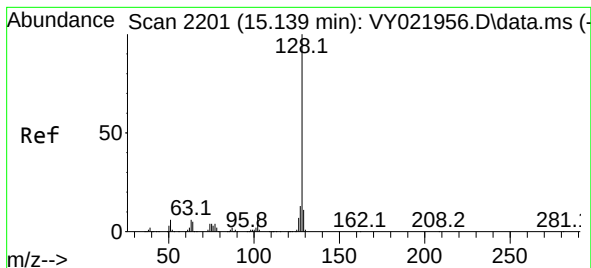
Ion Ratio Lower Upper

225 100

223 60.8 31.9 95.5

227 65.5 32.3 96.9





#95

Naphthalene

Concen: 7.904 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

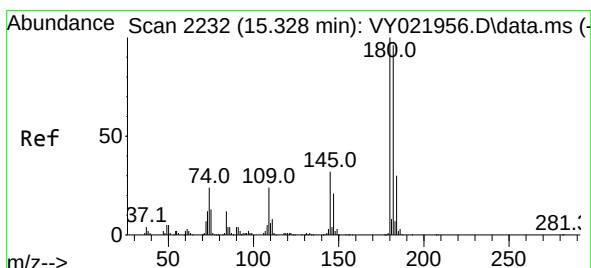
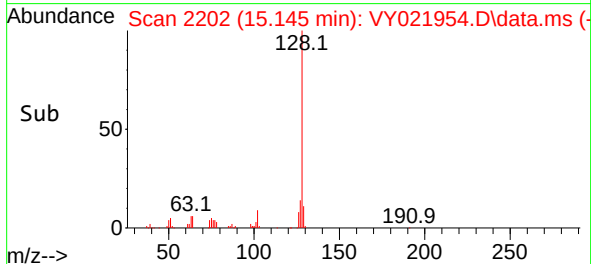
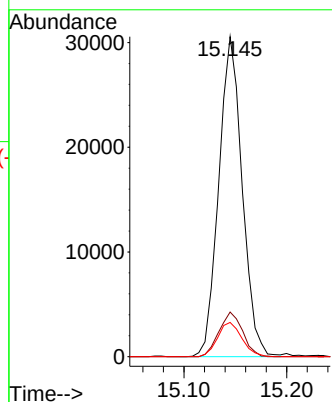
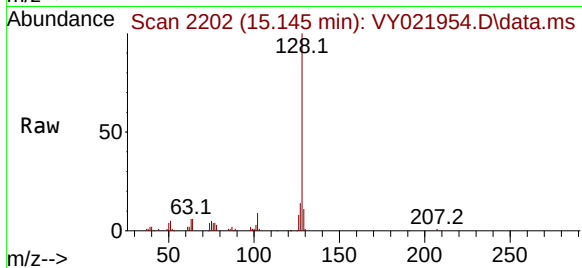
Tgt Ion:128 Resp: 48366

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 9.207 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021954.D

Acq: 22 Apr 2025 14:44

Tgt Ion:180 Resp: 29276

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 34.0 16.0 48.0

