

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021554.D
 Acq On : 17 Mar 2025 16:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:28:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	188141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	270626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102055	51.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.640%	
35) Dibromofluoromethane	7.634	113	99567	51.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.103	98	367199	49.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.408	95	129892	51.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	77938	45.142	ug/l	96
3) Chloromethane	2.068	50	127166	52.243	ug/l	99
4) Vinyl Chloride	2.202	62	144409	54.289	ug/l	99
5) Bromomethane	2.592	94	102218	53.169	ug/l	100
6) Chloroethane	2.732	64	102775	58.466	ug/l	95
7) Trichlorofluoromethane	3.056	101	193506	52.119	ug/l	99
8) Diethyl Ether	3.452	74	58018	56.387	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	106442	50.214	ug/l	99
10) Methyl Iodide	4.000	142	133543	61.975	ug/l	100
11) Tert butyl alcohol	4.854	59	35251	274.895	ug/l	98
12) 1,1-Dichloroethene	3.787	96	99118	51.287	ug/l	98
13) Acrolein	3.653	56	5392	53.310	ug/l	96
14) Allyl chloride	4.385	41	170647	54.639	ug/l	99
15) Acrylonitrile	5.055	53	126323	288.407	ug/l	99
16) Acetone	3.866	43	95365	219.878	ug/l	93
17) Carbon Disulfide	4.104	76	301716	49.815	ug/l	99
18) Methyl Acetate	4.378	43	71562	74.362	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	286992	58.589	ug/l	100
20) Methylene Chloride	4.610	84	118904	52.227	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	117720	54.390	ug/l	98
22) Diisopropyl ether	6.018	45	399907	59.415	ug/l	95
23) Vinyl Acetate	5.957	43	1077978	280.628	ug/l	99
24) 1,1-Dichloroethane	5.915	63	227760	57.334	ug/l	100
25) 2-Butanone	6.890	43	159692	266.170	ug/l	98
26) 2,2-Dichloropropane	6.884	77	171675	46.968	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	142210	57.837	ug/l	97
28) Bromochloromethane	7.238	49	83006	49.841	ug/l	100
29) Tetrahydrofuran	7.262	42	108227	292.200	ug/l	100
30) Chloroform	7.421	83	239549	58.072	ug/l	95
31) Cyclohexane	7.701	56	173781	46.662	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	204148	54.050	ug/l	99
36) 1,1-Dichloropropene	7.835	75	158719	51.994	ug/l	99
37) Ethyl Acetate	6.982	43	74191	54.988	ug/l	100
38) Carbon Tetrachloride	7.817	117	182321	51.932	ug/l	98
39) Methylcyclohexane	9.109	83	182783	48.815	ug/l	100
40) Benzene	8.079	78	502266	55.854	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	40743	55.459	ug/l #	94
42) 1,2-Dichloroethane	8.158	62	144488	57.435	ug/l	99
43) Isopropyl Acetate	8.195	43	148376	56.650	ug/l #	88
44) Trichloroethene	8.865	130	125573	55.261	ug/l	99
45) 1,2-Dichloropropane	9.140	63	123524	57.716	ug/l	97
46) Dibromomethane	9.231	93	69634	58.476	ug/l	99
47) Bromodichloromethane	9.420	83	186202	58.879	ug/l	97
48) Methyl methacrylate	9.219	41	69729	57.976	ug/l	98
49) 1,4-Dioxane	9.231	88	14543	1244.233	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	394580	291.976	ug/l	100
52) Toluene	10.170	92	319605	56.374	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	161437	57.942	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	186838	56.482	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	91199	58.547	ug/l	98
56) Ethyl methacrylate	10.438	69	121093	60.954	ug/l	100
57) 1,3-Dichloropropane	10.713	76	158564	58.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	233591	254.711	ug/l	99
59) 2-Hexanone	10.761	43	259260	290.133	ug/l	100
60) Dibromochloromethane	10.908	129	127425	59.669	ug/l	98
61) 1,2-Dibromoethane	11.011	107	85358	58.060	ug/l	100
64) Tetrachloroethene	10.646	164	129076	58.654	ug/l	98
65) Chlorobenzene	11.444	112	350165	54.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	125701	55.634	ug/l	99
67) Ethyl Benzene	11.517	91	614582	54.790	ug/l	99
68) m/p-Xylenes	11.627	106	468092	109.919	ug/l	98
69) o-Xylene	11.956	106	223484	56.941	ug/l	100
70) Styrene	11.969	104	383584	58.912	ug/l	99
71) Bromoform	12.133	173	72303	57.245	ug/l	100
73) Isopropylbenzene	12.255	105	580437	51.367	ug/l	99
74) N-amyl acetate	12.072	43	130751	53.280	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	101256	50.779	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	135281	93.587	ug/l #	100
77) Bromobenzene	12.529	156	140370	53.098	ug/l	97
78) n-propylbenzene	12.596	91	709257	51.682	ug/l	100
79) 2-Chlorotoluene	12.676	91	413505	52.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	484661	52.778	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	29633	46.603	ug/l	98
82) 4-Chlorotoluene	12.779	91	429031	52.799	ug/l	99
83) tert-Butylbenzene	12.999	119	432016	52.736	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	489791	53.720	ug/l	99
85) sec-Butylbenzene	13.176	105	625655	51.331	ug/l	99
86) p-Isopropyltoluene	13.291	119	532814	53.061	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	275428	52.341	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	273552	53.155	ug/l	99
89) n-Butylbenzene	13.615	91	484033	52.202	ug/l	99
90) Hexachloroethane	13.877	117	108587	50.690	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	243780	54.051	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15333	51.333	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	138504	56.223	ug/l	98
94) Hexachlorobutadiene	15.023	225	82271	53.277	ug/l	98
95) Naphthalene	15.145	128	232308	55.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	118950	57.411	ug/l	100

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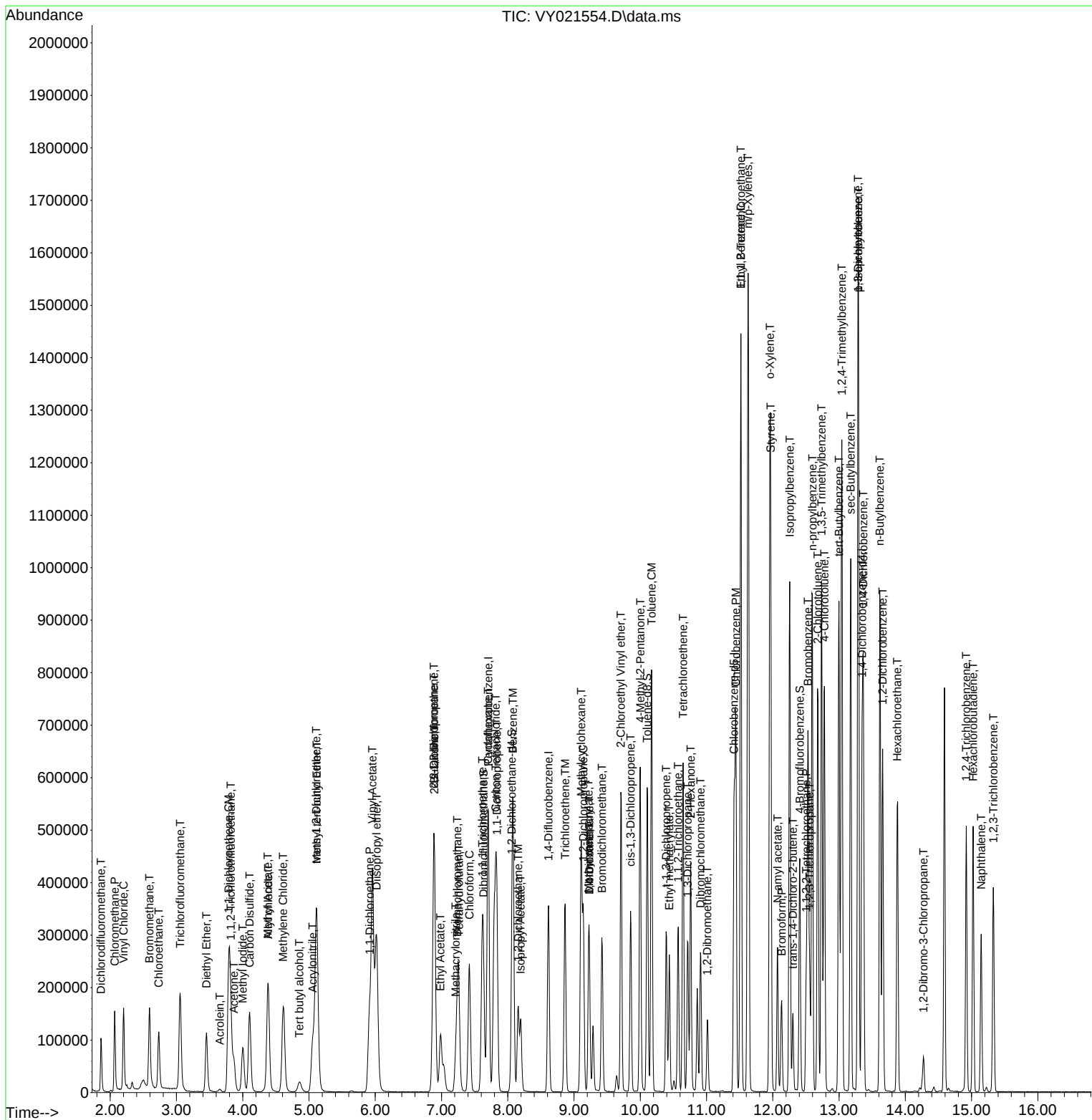
Instrument :
MSVOA_Y
ClientSampleId :

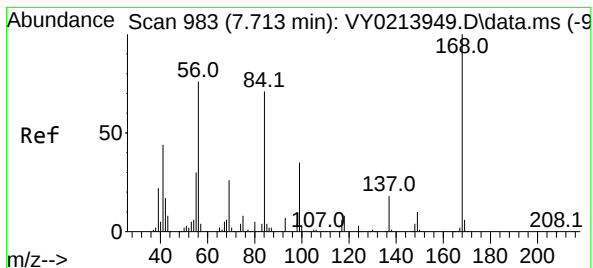
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021554.D

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Instrument :

MSVOA_Y

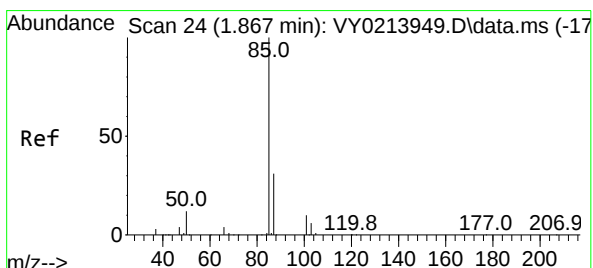
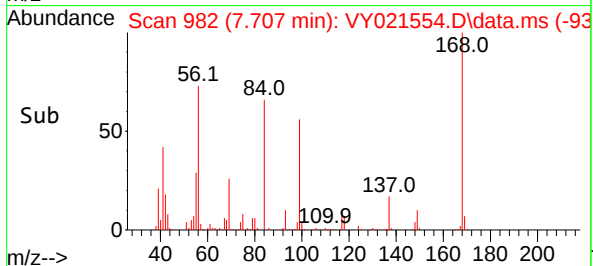
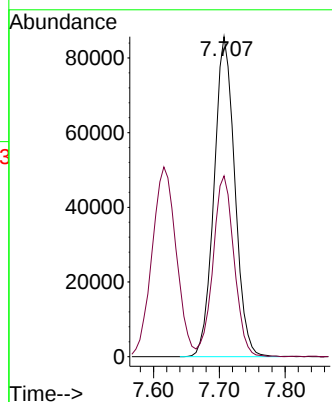
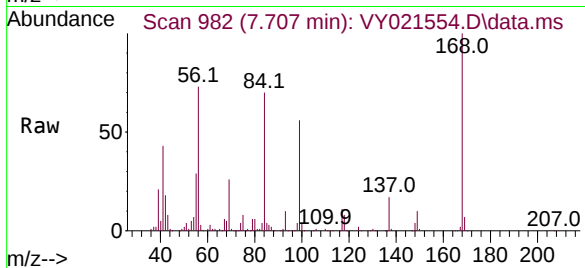
ClientSampleId :

Tgt Ion:168 Resp: 188141

Ion Ratio Lower Upper

168 100

99 56.4 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 45.142 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021554.D

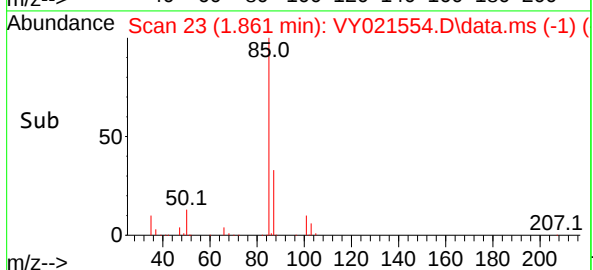
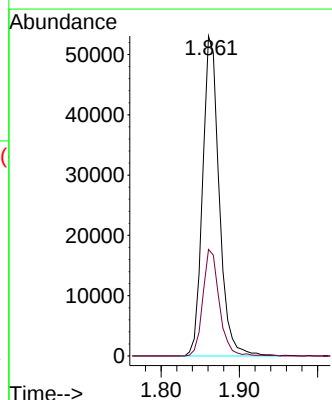
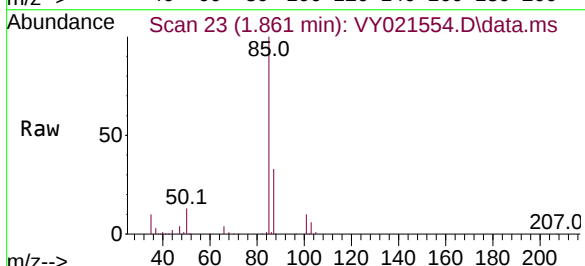
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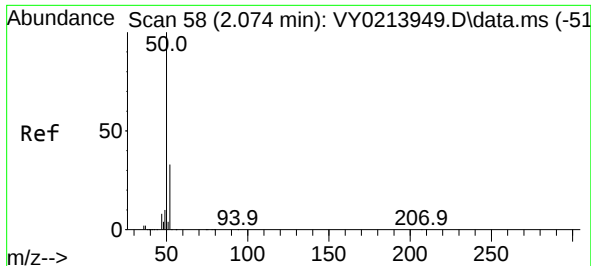
Tgt Ion: 85 Resp: 77938

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.0

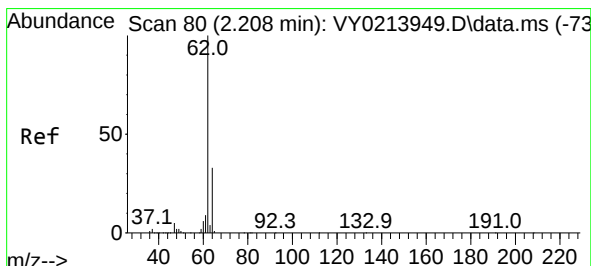
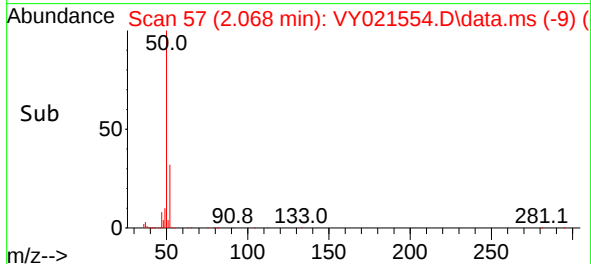
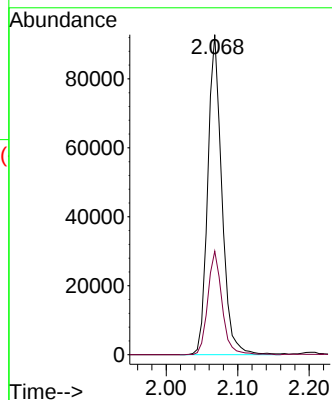
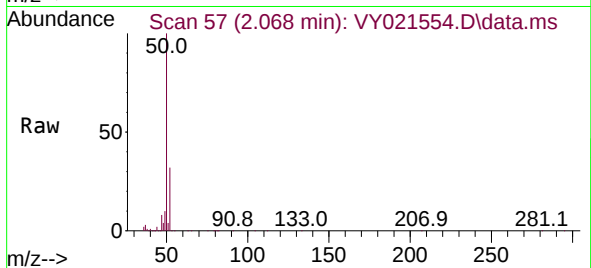




#3
Chloromethane
Concen: 52.243 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021554.D
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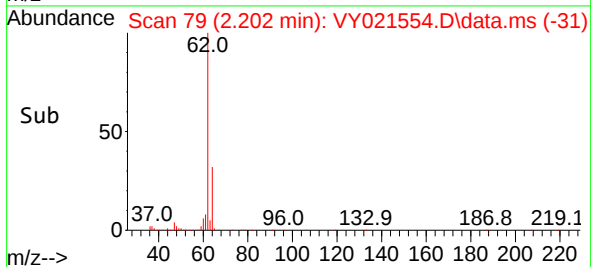
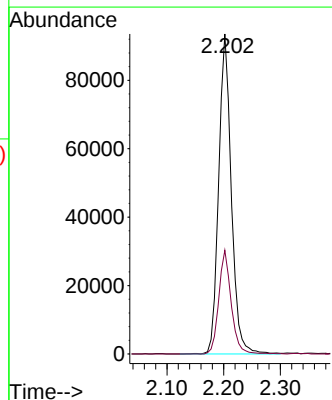
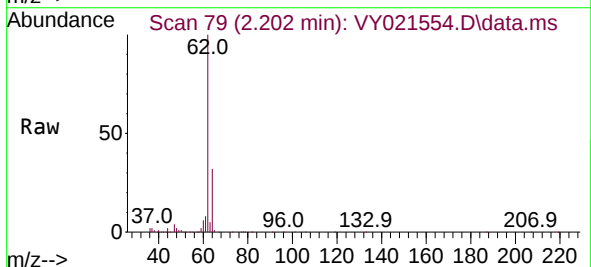
Instrument :
MSVOA_Y
ClientSampleId :

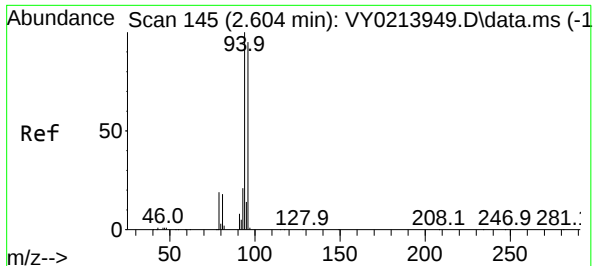
Tgt Ion: 50 Resp: 127166
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2



#4
Vinyl Chloride
Concen: 54.289 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 62 Resp: 144409
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2

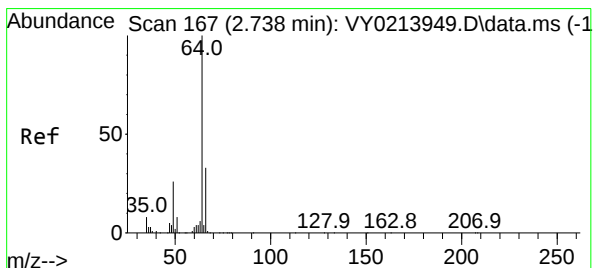
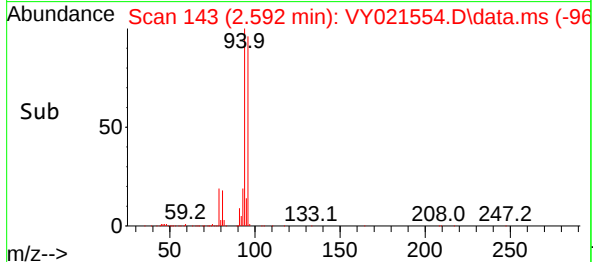
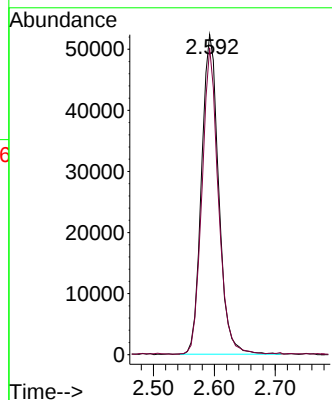
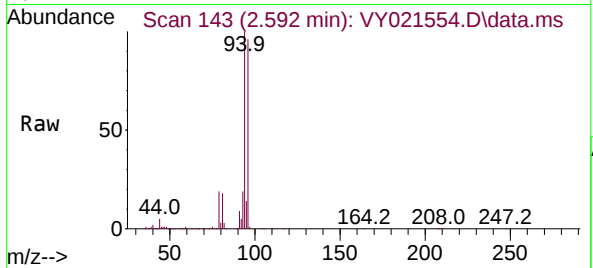




#5
Bromomethane
Concen: 53.169 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

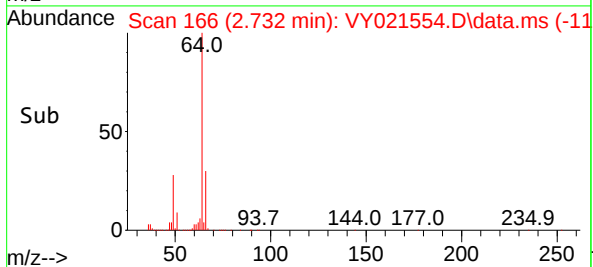
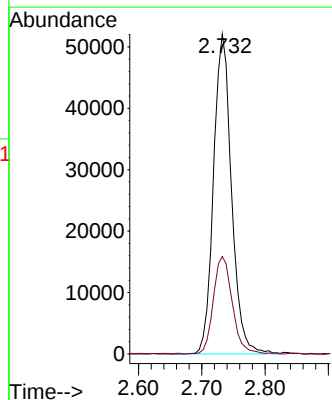
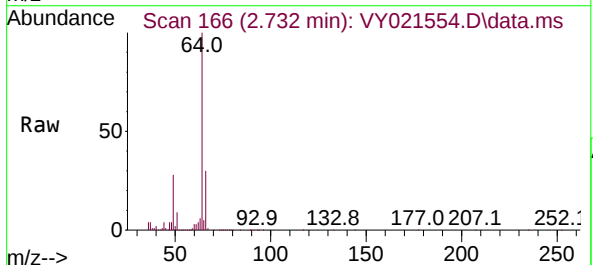
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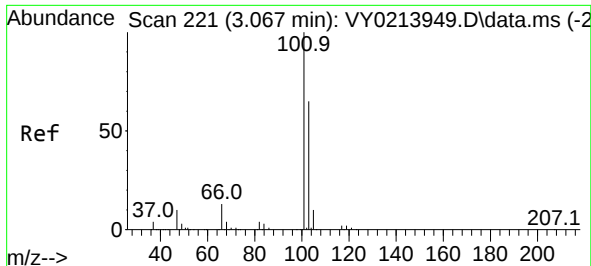
Tgt Ion: 94 Resp: 102218
Ion Ratio Lower Upper
94 100
96 95.7 76.3 114.5



#6
Chloroethane
Concen: 58.466 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 64 Resp: 102775
Ion Ratio Lower Upper
64 100
66 30.5 26.7 40.1

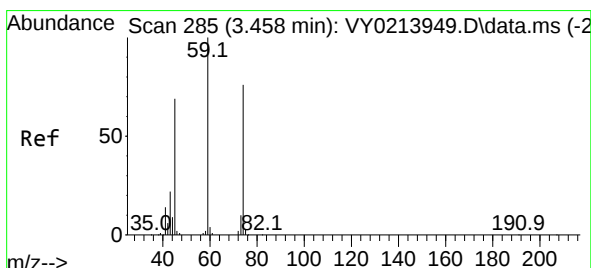
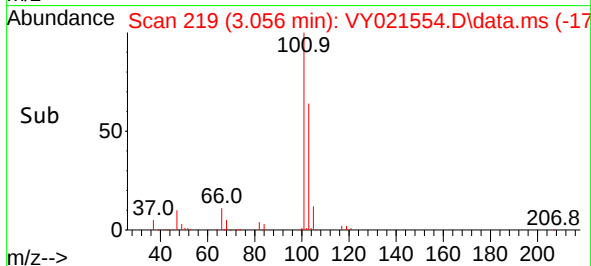
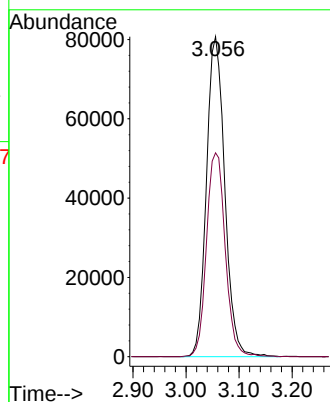
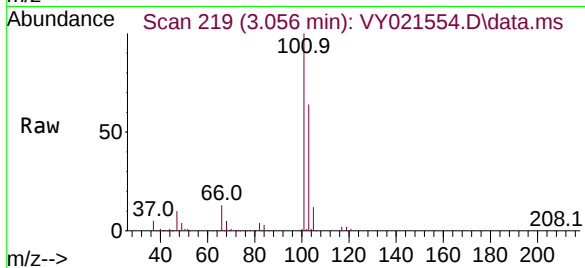




#7
 Trichlorofluoromethane
 Concen: 52.119 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

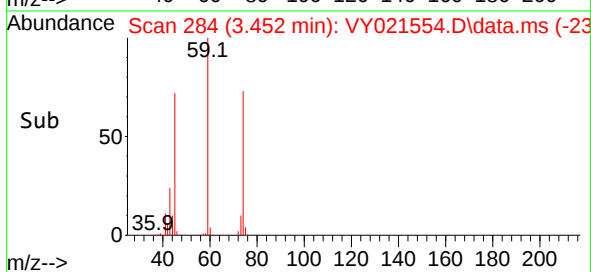
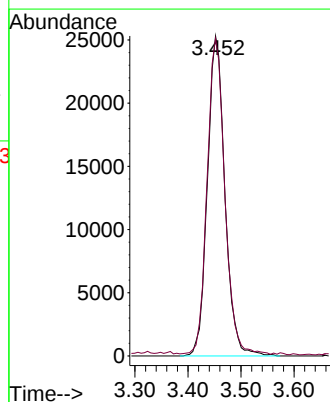
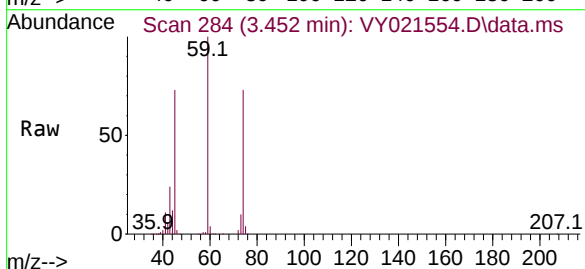
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 193506
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 56.387 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion: 74 Resp: 58018
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.7 149.1

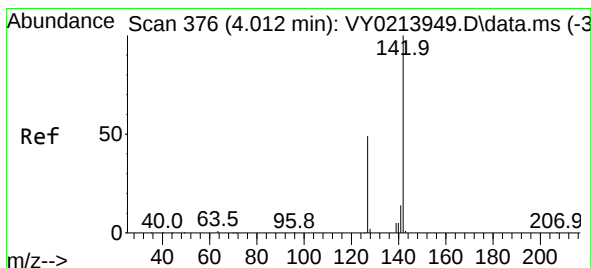
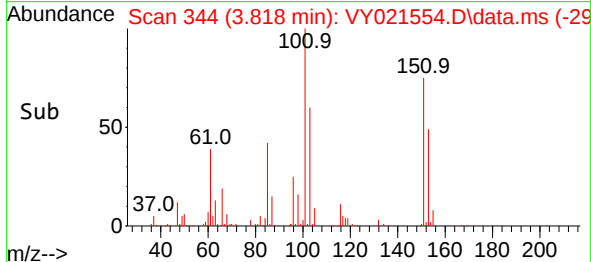
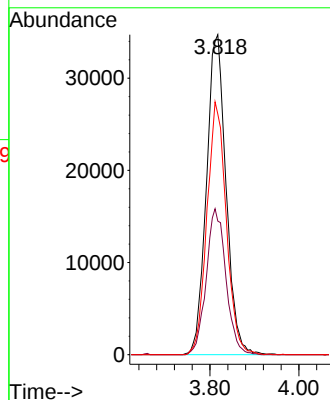
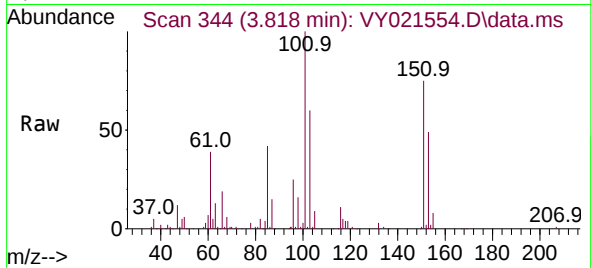




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.214 ug/l
RT: 3.818 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY021554.D
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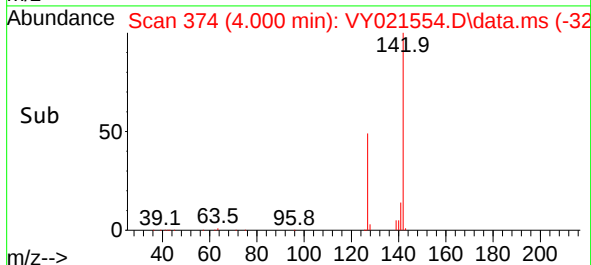
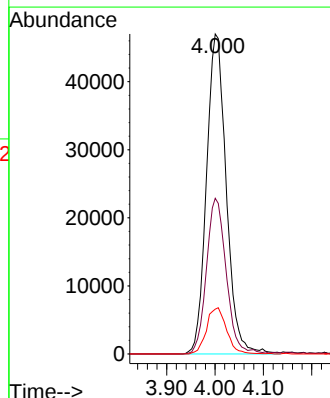
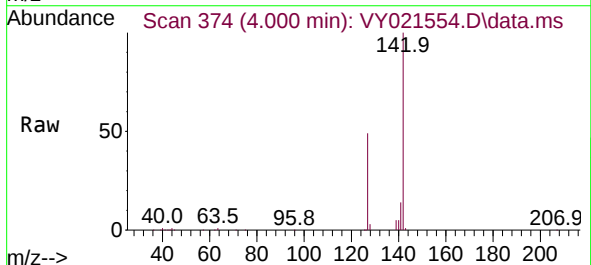
Instrument :
MSVOA_Y
ClientSampleId :

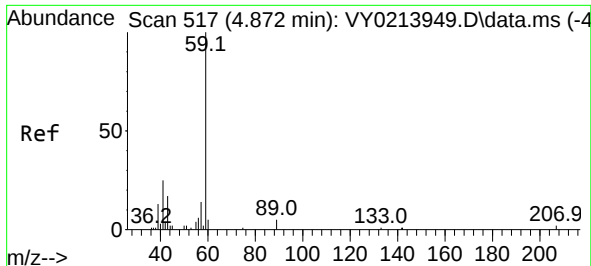
Tgt Ion:101 Resp: 106442
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 77.9 62.1 93.1



#10
Methyl Iodide
Concen: 61.975 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:142 Resp: 133543
Ion Ratio Lower Upper
142 100
127 48.8 39.1 58.7
141 14.7 11.8 17.6

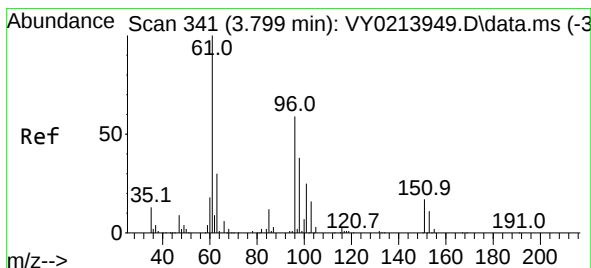
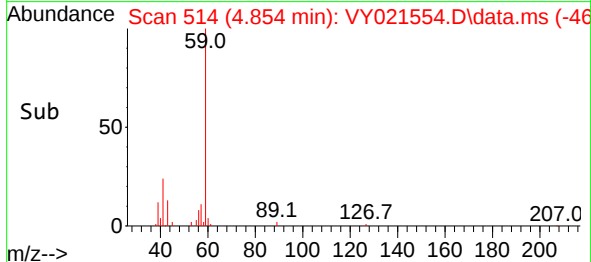
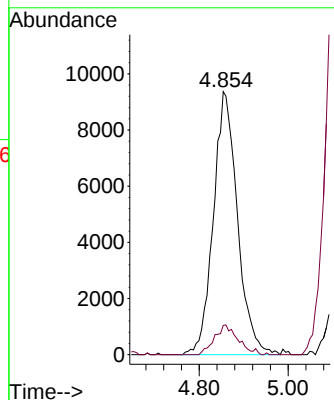
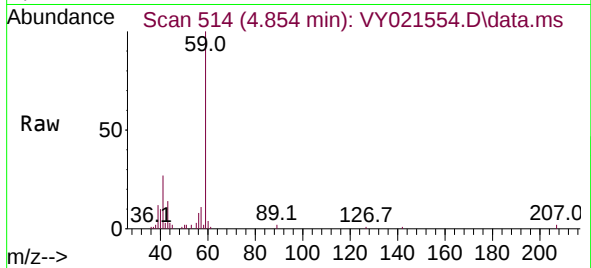




#11
Tert butyl alcohol
Concen: 274.895 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

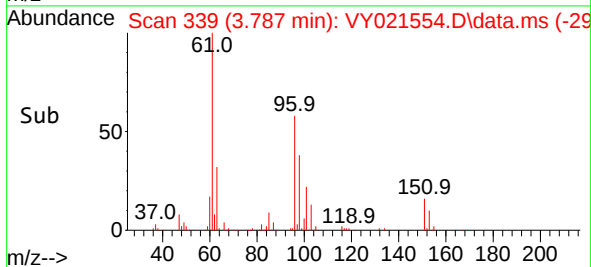
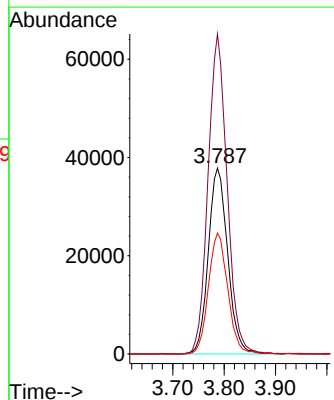
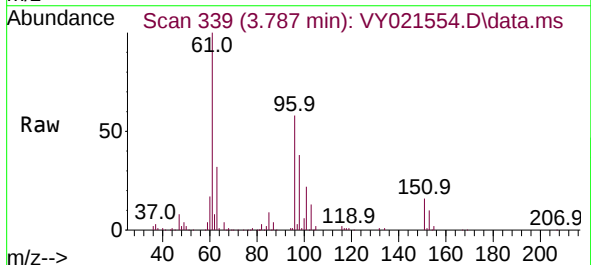
Instrument :
MSVOA_Y
ClientSampleId :

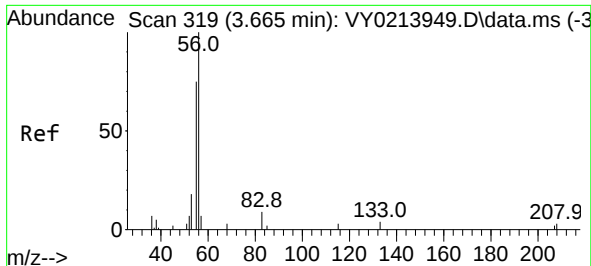
Tgt Ion: 59 Resp: 35251
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.287 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 96 Resp: 99118
Ion Ratio Lower Upper
96 100
61 172.1 135.2 202.8
98 65.1 51.4 77.2

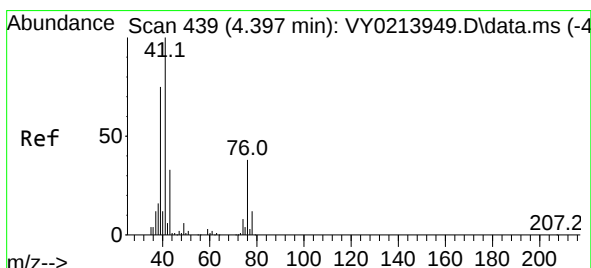
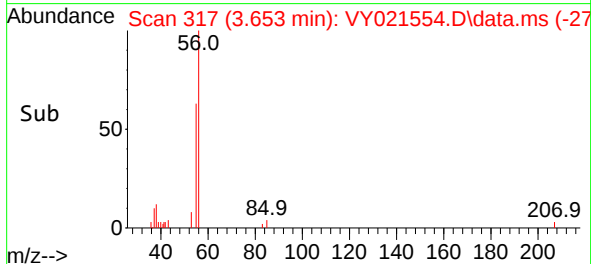
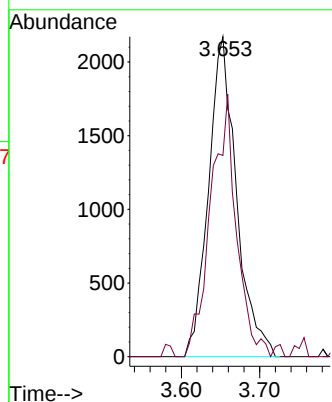
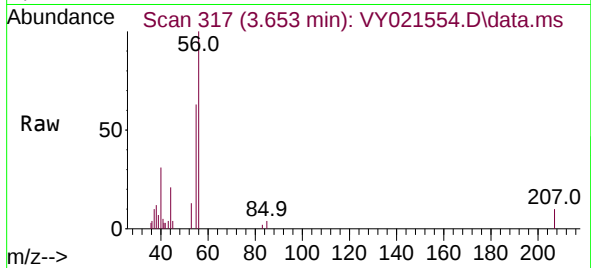




#13
Acrolein
Concen: 53.310 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

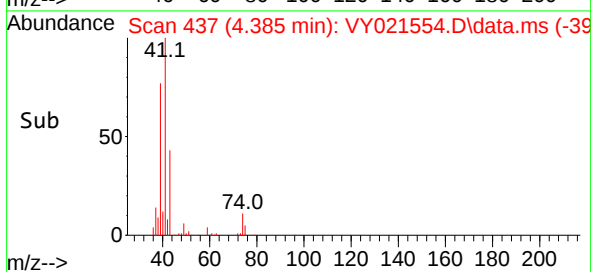
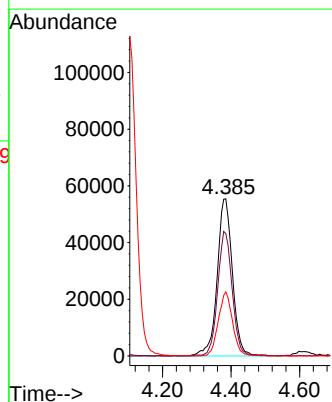
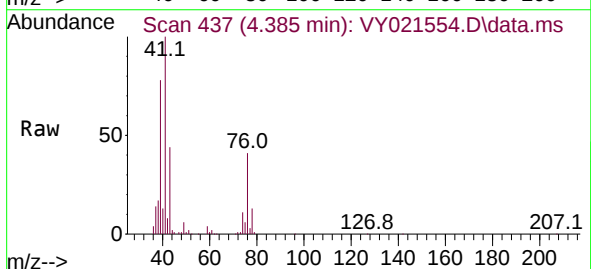
Instrument :
MSVOA_Y
ClientSampleId :

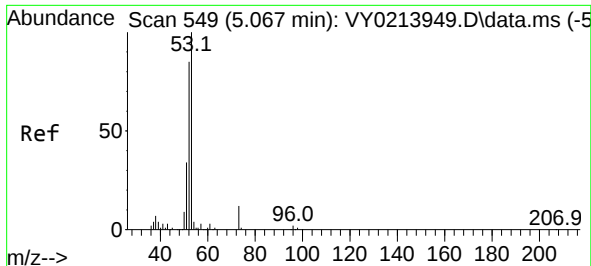
Tgt Ion: 56 Resp: 5392
Ion Ratio Lower Upper
56 100
55 75.5 63.4 95.2



#14
Allyl chloride
Concen: 54.639 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

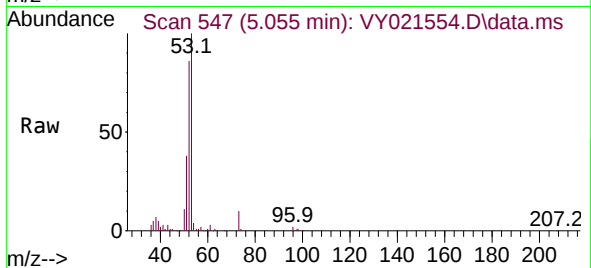
Tgt Ion: 41 Resp: 170647
Ion Ratio Lower Upper
41 100
39 75.2 59.3 88.9
76 37.9 29.8 44.8



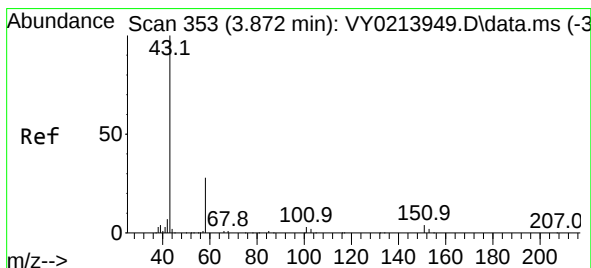
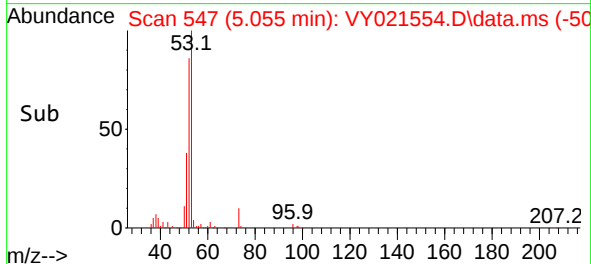
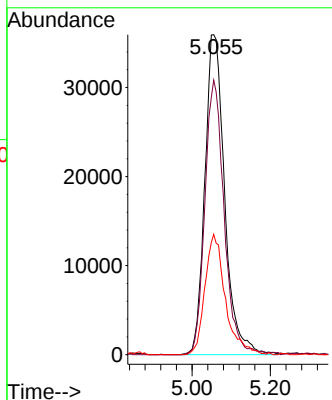


#15
Acrylonitrile
Concen: 288.407 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :

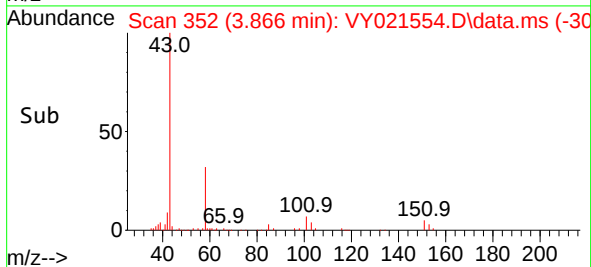
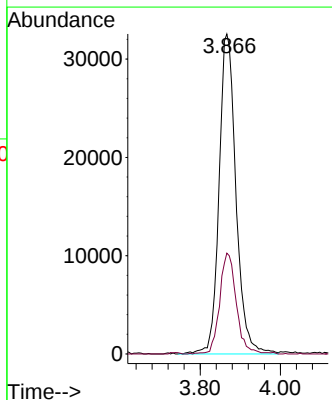
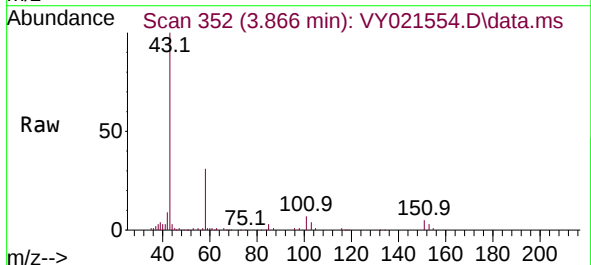


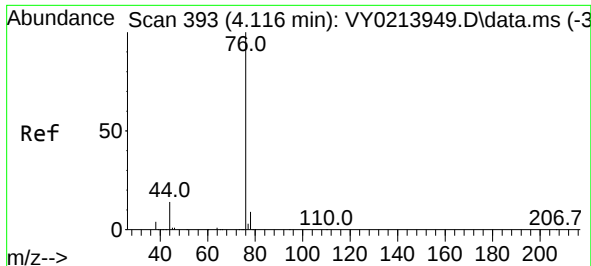
Tgt Ion: 53 Resp: 126323
Ion Ratio Lower Upper
53 100
52 83.5 66.3 99.5
51 38.7 30.3 45.5



#16
Acetone
Concen: 219.878 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 43 Resp: 95365
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1

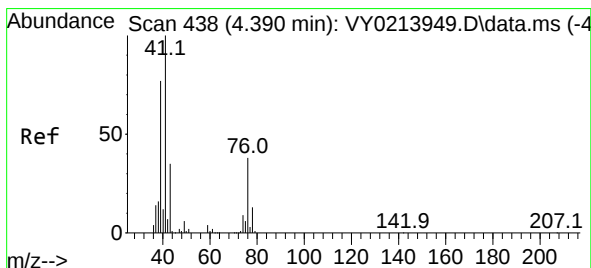
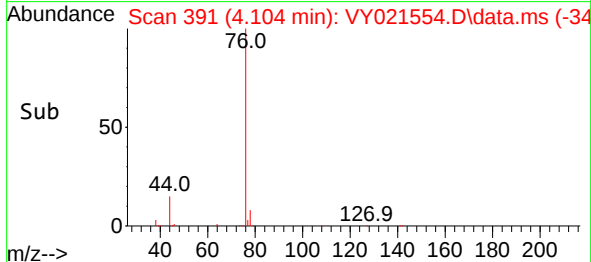
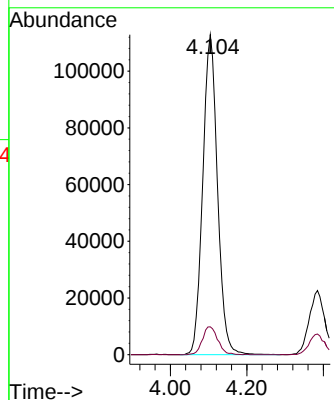
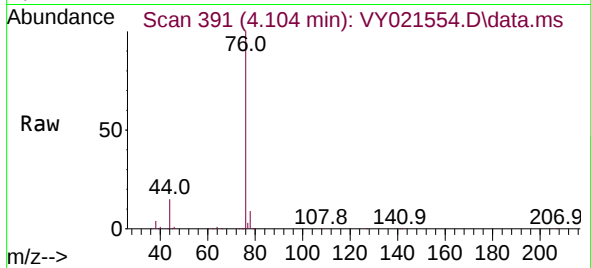




#17
Carbon Disulfide
Concen: 49.815 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

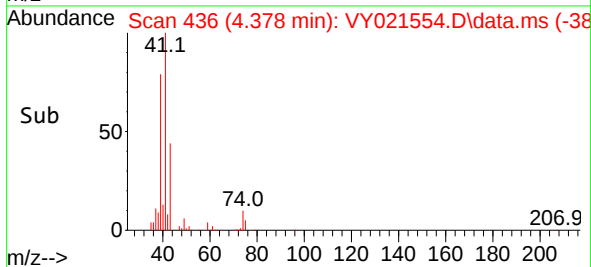
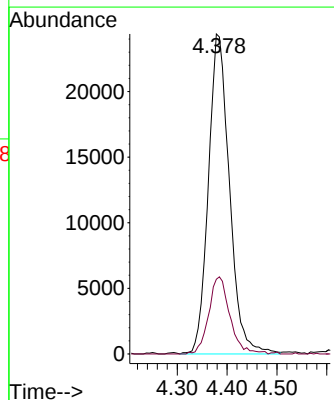
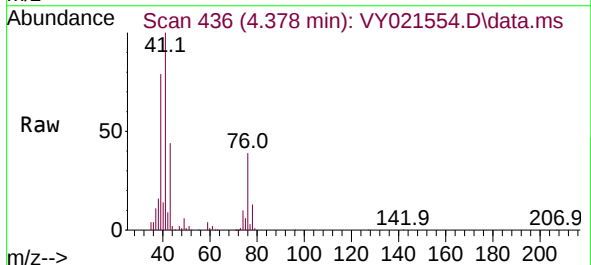
Instrument :
MSVOA_Y
ClientSampleId :

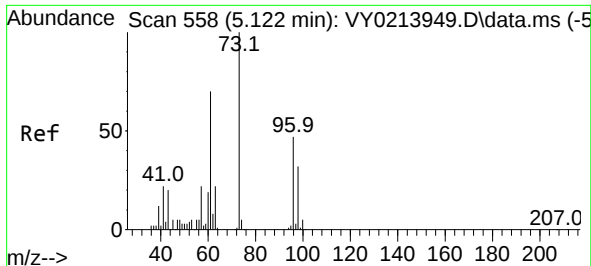
Tgt Ion: 76 Resp: 301716
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 74.362 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 43 Resp: 71562
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 58.589 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

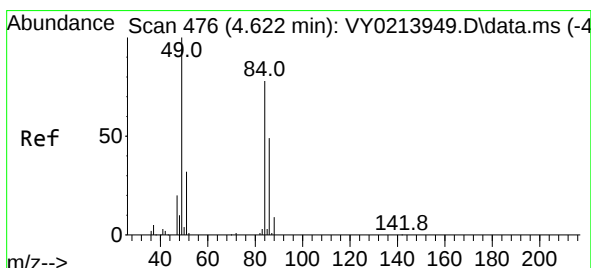
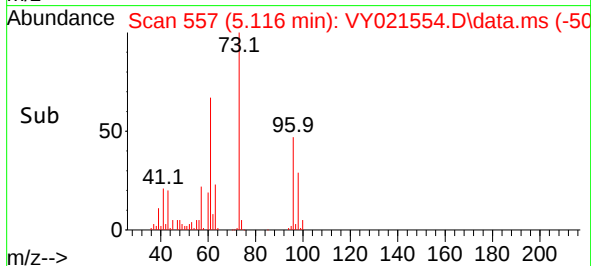
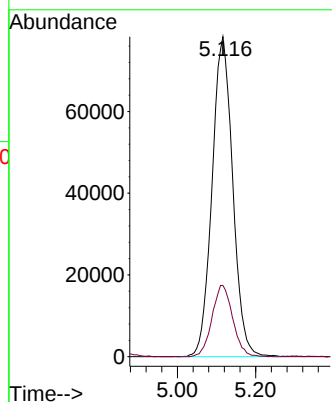
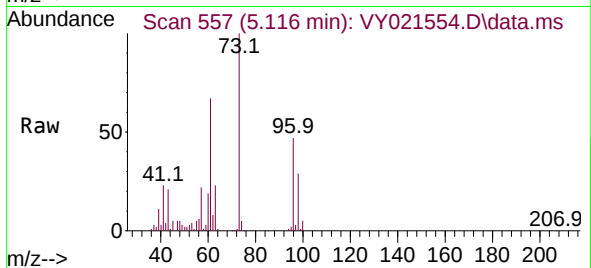
ClientSampleId :

Tgt Ion: 73 Resp: 286992

Ion Ratio Lower Upper

73 100

57 22.2 17.9 26.9



#20

Methylene Chloride

Concen: 52.227 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Tgt Ion: 84 Resp: 118904

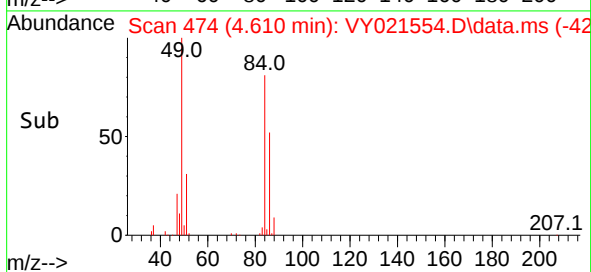
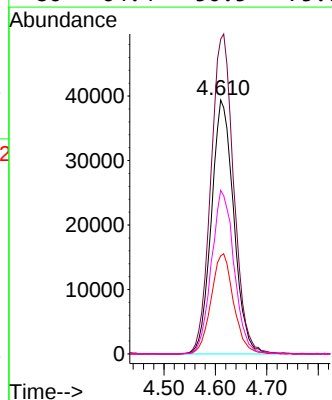
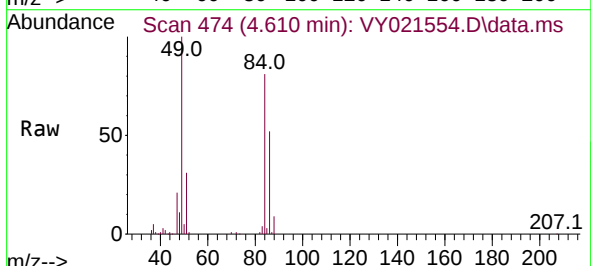
Ion Ratio Lower Upper

84 100

49 123.9 102.0 153.0

51 38.6 33.0 49.6

86 64.4 50.5 75.7

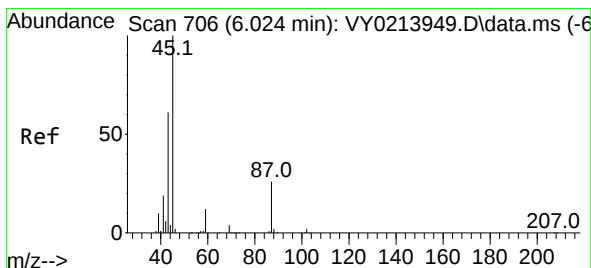
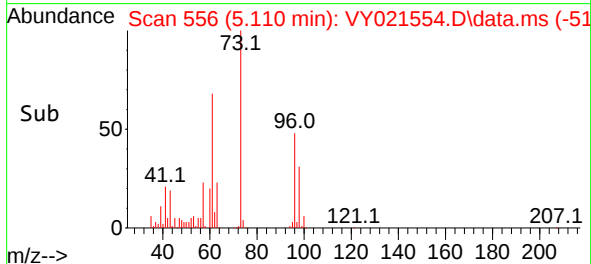
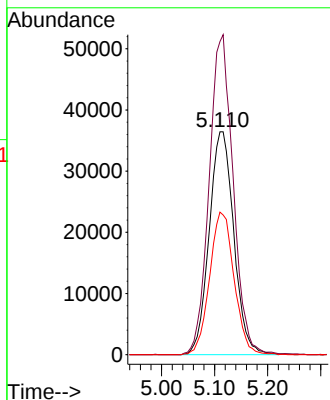
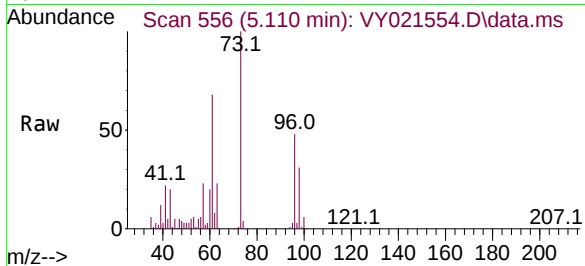




#21
trans-1,2-Dichloroethene
Concen: 54.390 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

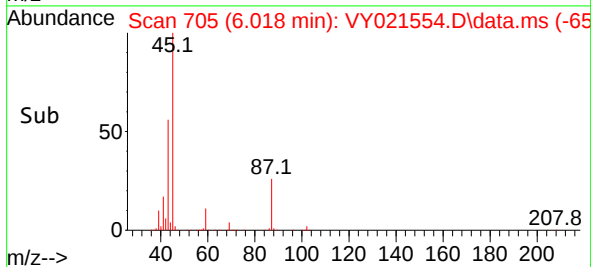
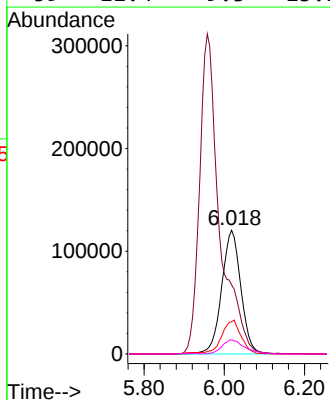
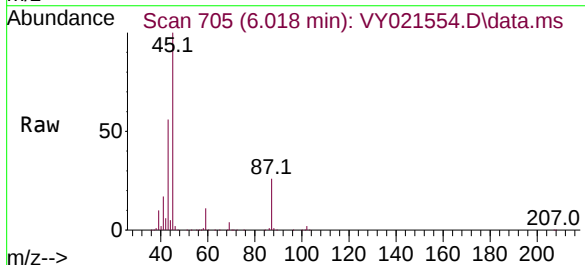
Instrument :
MSVOA_Y
ClientSampleId :

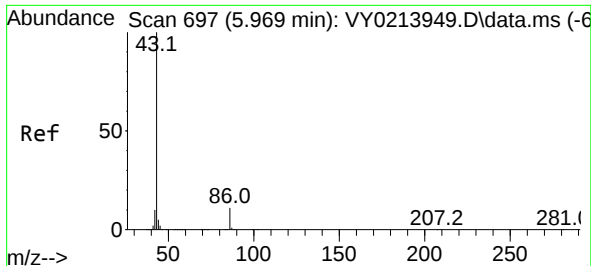
Tgt Ion: 96 Resp: 117720
Ion Ratio Lower Upper
96 100
61 140.5 111.5 167.3
98 63.9 53.8 80.8



#22
Diisopropyl ether
Concen: 59.415 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 45 Resp: 399907
Ion Ratio Lower Upper
45 100
43 55.6 48.7 73.1
87 25.9 21.5 32.3
59 11.4 9.3 13.9





#23

Vinyl Acetate

Concen: 280.628 ug/l

RT: 5.957 min Scan# 697

Delta R.T. -0.012 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

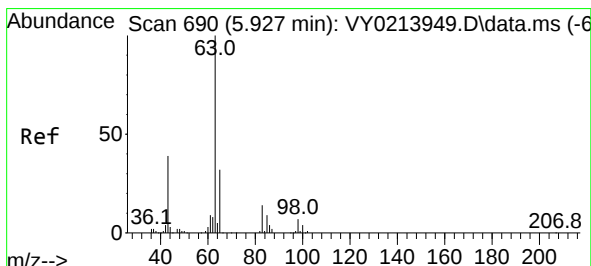
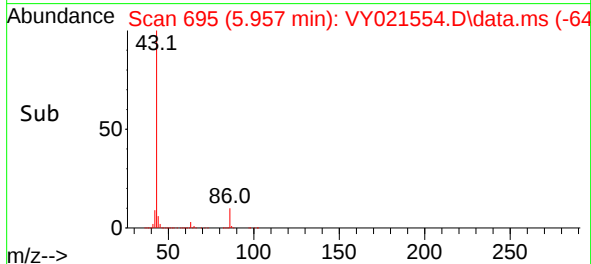
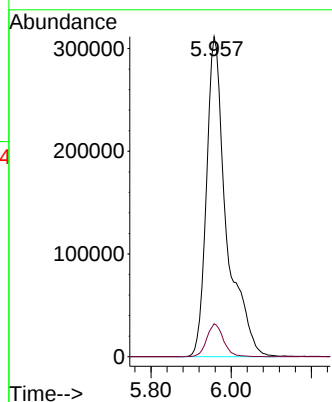
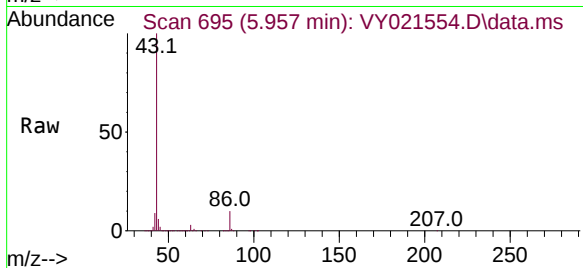
ClientSampleId :

Tgt Ion: 43 Resp: 1077978

Ion Ratio Lower Upper

43 100

86 10.3 8.5 12.7



#24

1,1-Dichloroethane

Concen: 57.334 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

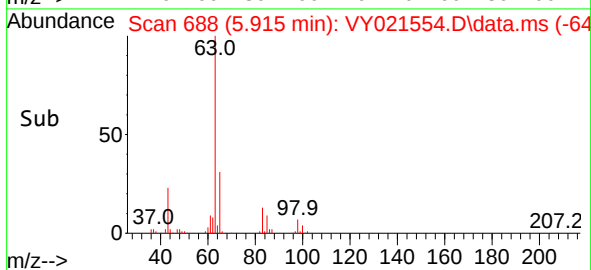
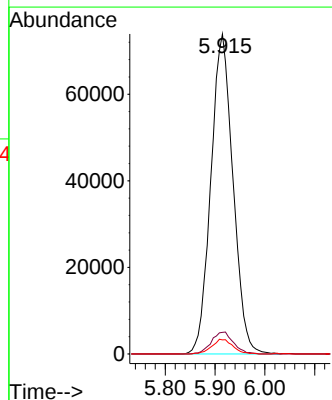
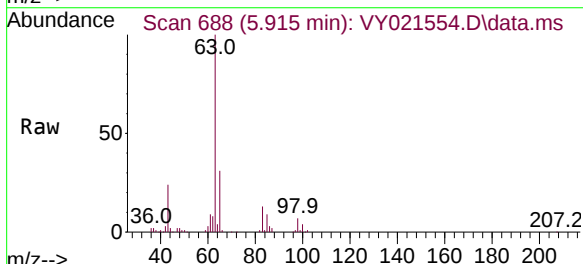
Tgt Ion: 63 Resp: 227760

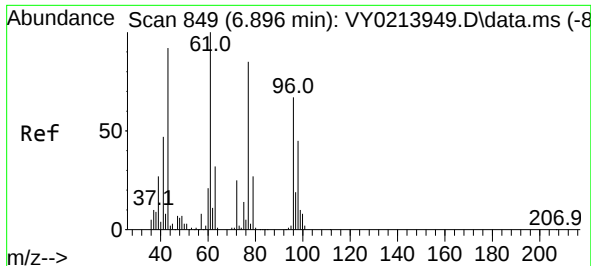
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 266.170 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

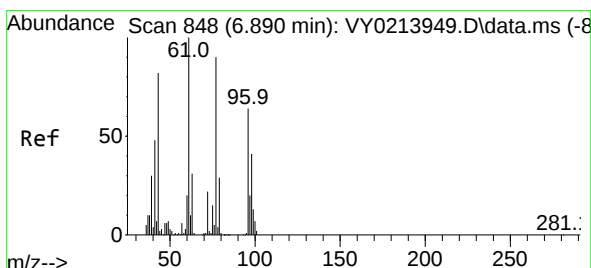
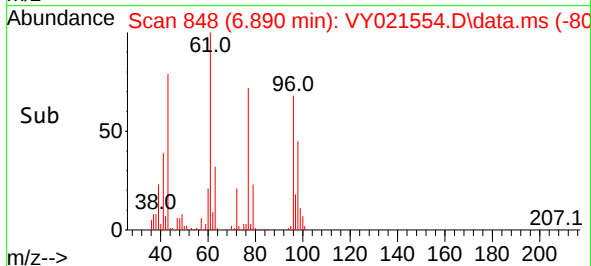
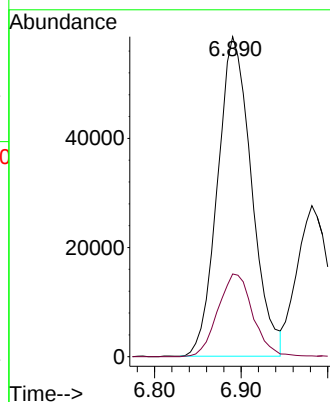
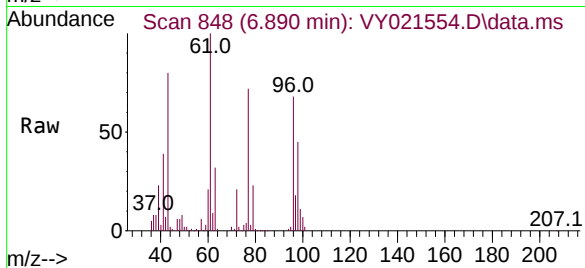
ClientSampleId :

Tgt Ion: 43 Resp: 159692

Ion Ratio Lower Upper

43 100

72 25.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.968 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021554.D

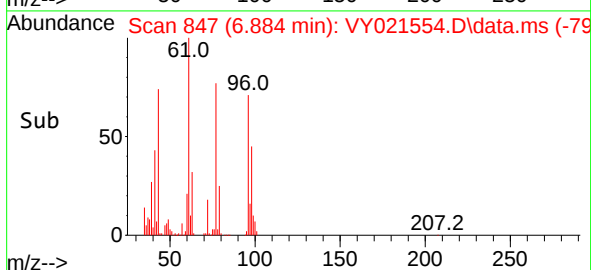
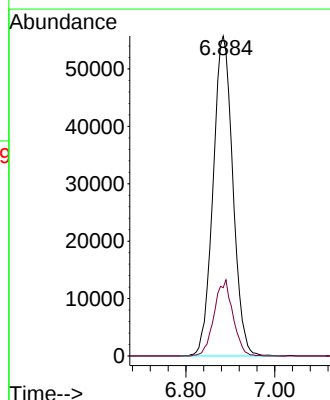
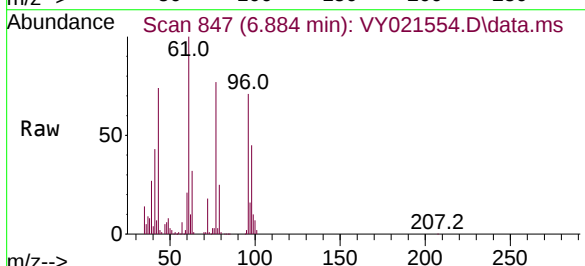
Acq: 17 Mar 2025 16:40

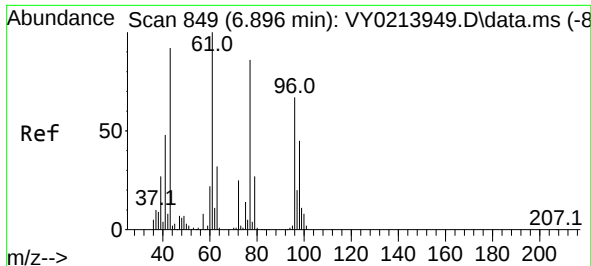
Tgt Ion: 77 Resp: 171675

Ion Ratio Lower Upper

77 100

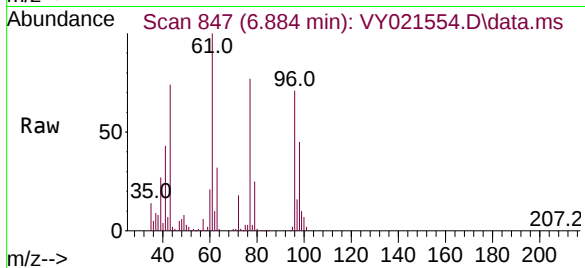
97 22.6 11.3 33.8



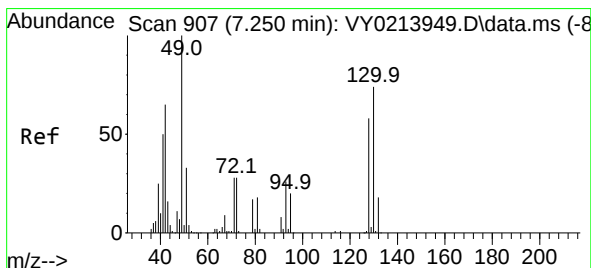
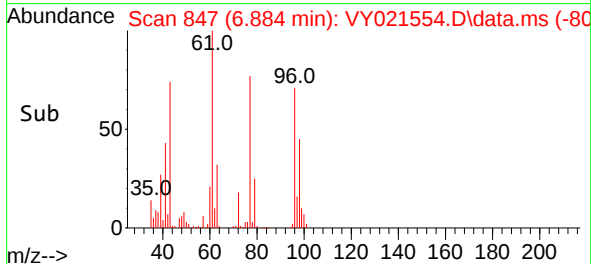
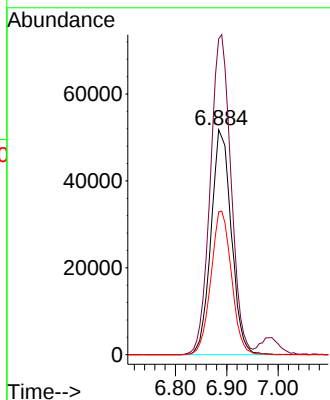


#27
 cis-1,2-Dichloroethene
 Concen: 57.837 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :

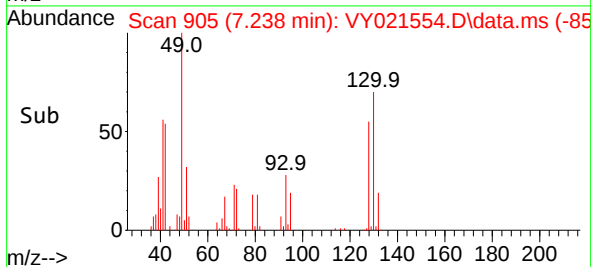
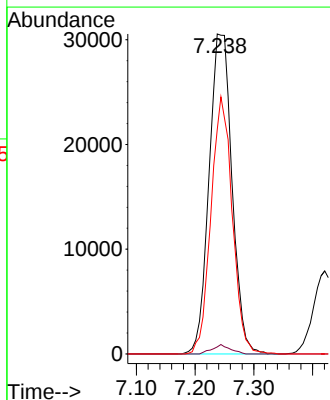
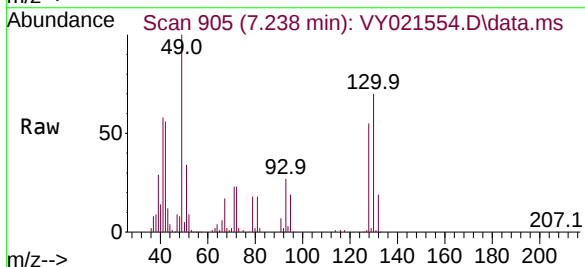


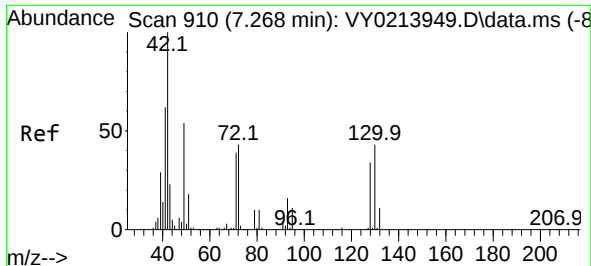
Tgt Ion: 96 Resp: 142210
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 300.8
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 49.841 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion: 49 Resp: 83006
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 74.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 292.200 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

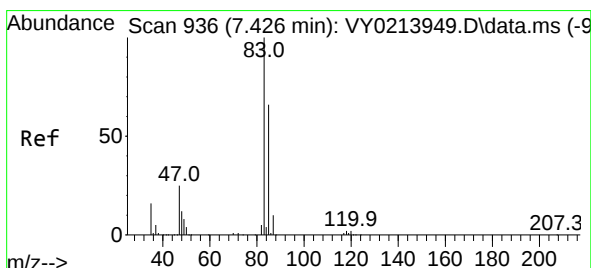
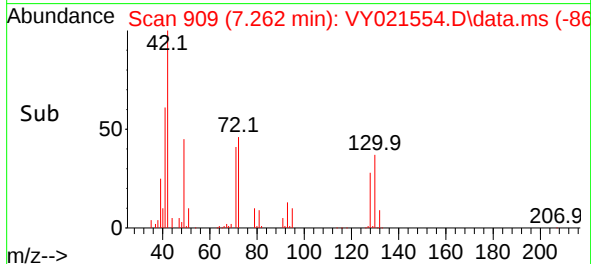
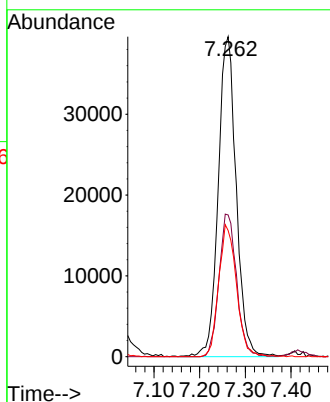
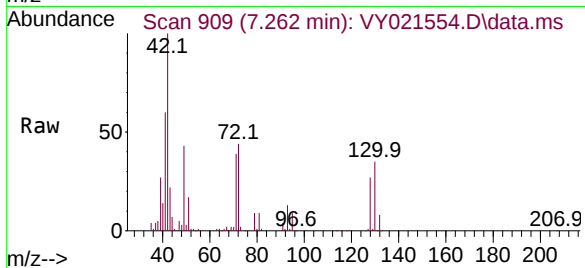
Tgt Ion: 42 Resp: 108227

Ion Ratio Lower Upper

42 100

72 43.7 34.8 52.2

71 40.9 32.6 48.8



#30

Chloroform

Concen: 58.072 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021554.D

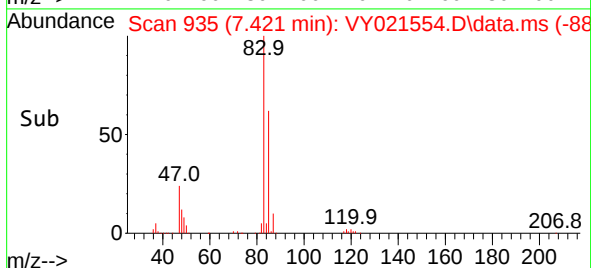
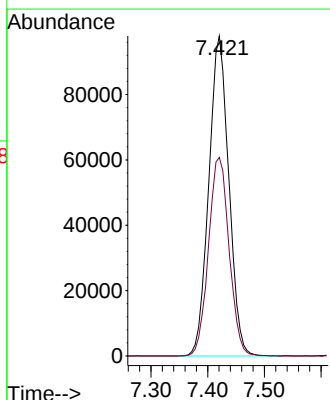
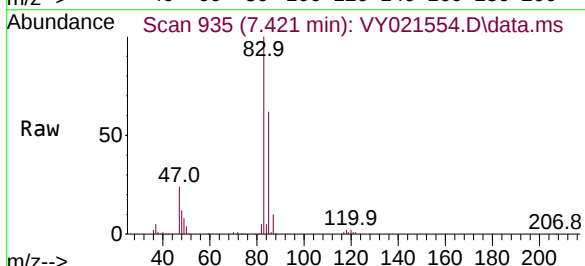
Acq: 17 Mar 2025 16:40

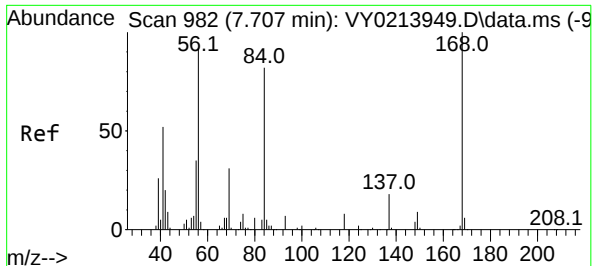
Tgt Ion: 83 Resp: 239549

Ion Ratio Lower Upper

83 100

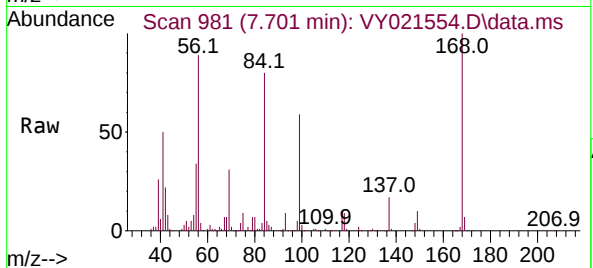
85 62.1 53.1 79.7



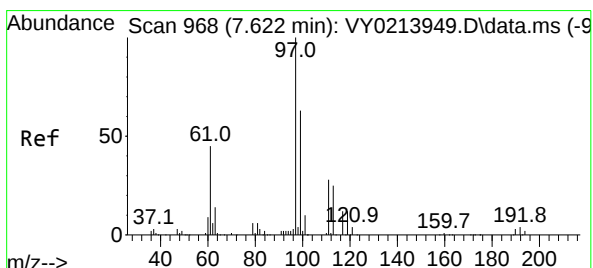
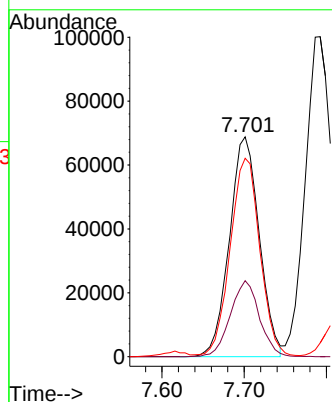
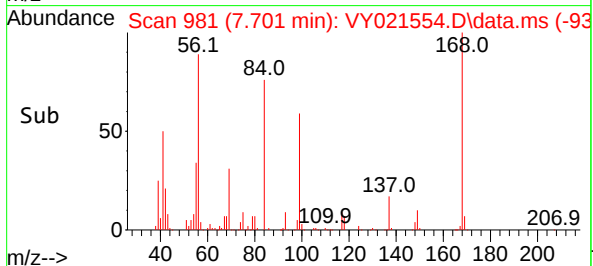


#31
Cyclohexane
Concen: 46.662 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :

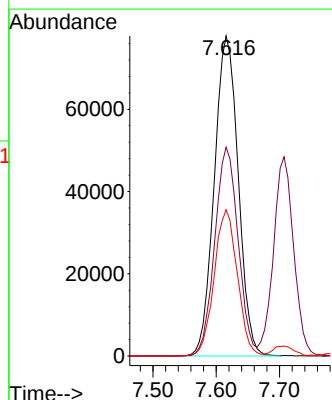
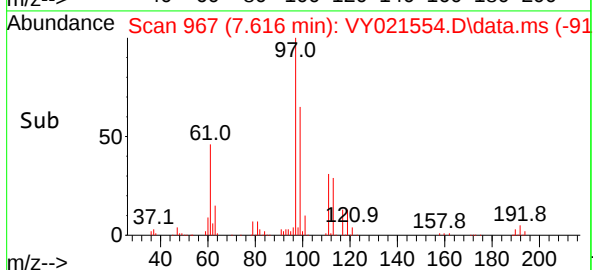
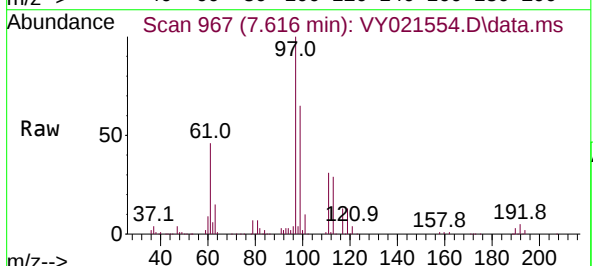


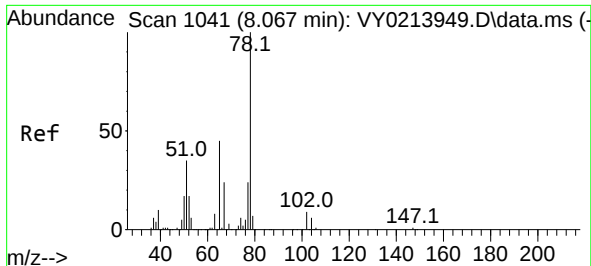
Tgt Ion: 56 Resp: 173781
Ion Ratio Lower Upper
56 100
69 34.6 27.0 40.4
84 88.6 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 54.050 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 97 Resp: 204148
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.322 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

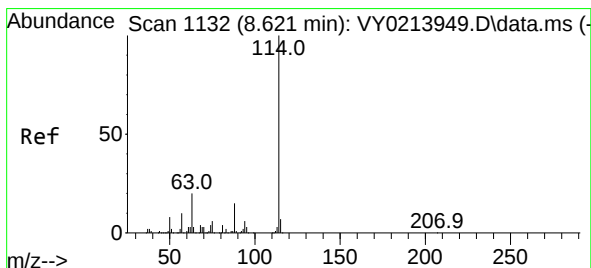
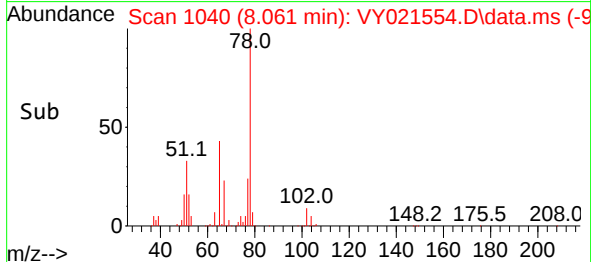
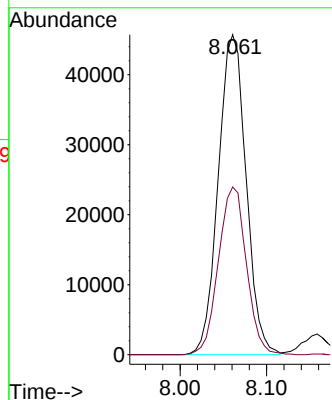
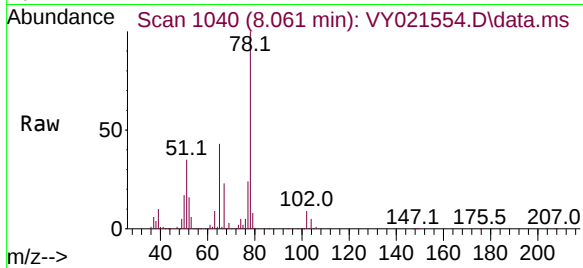
ClientSampleId :

Tgt Ion: 65 Resp: 102055

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

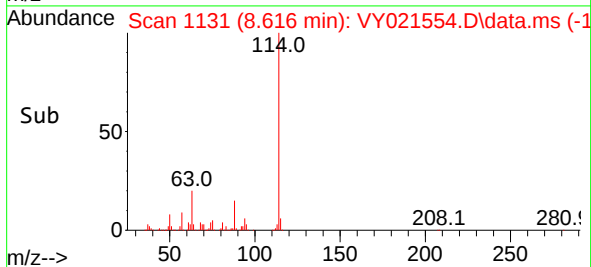
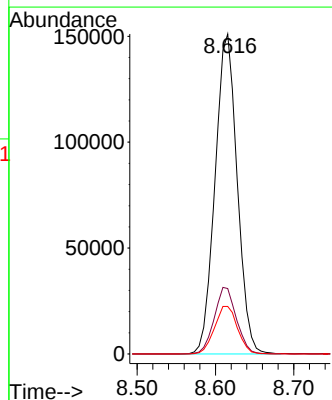
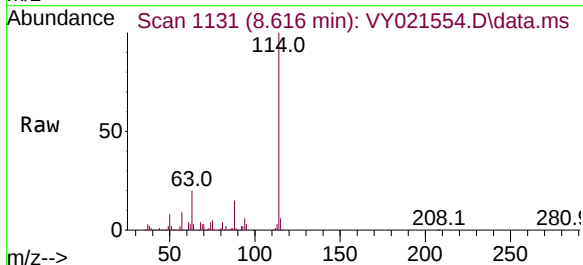
Tgt Ion:114 Resp: 296688

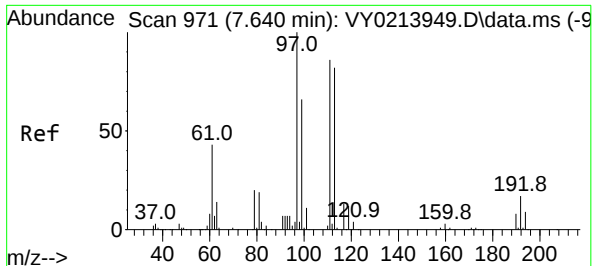
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.055 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

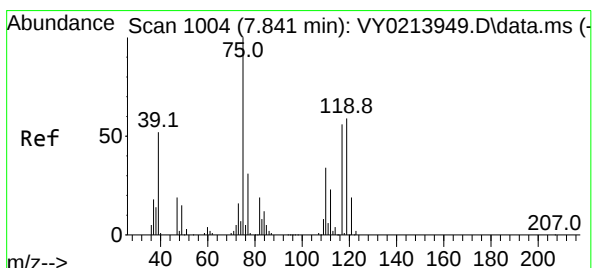
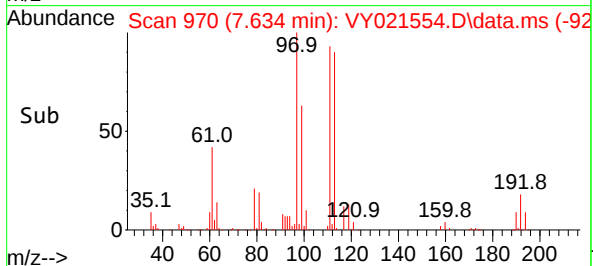
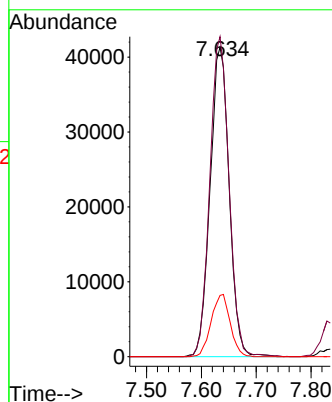
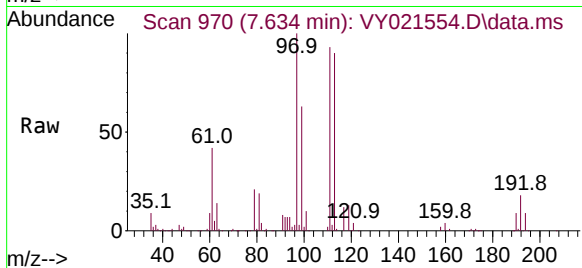
Tgt Ion:113 Resp: 99567

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 20.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.994 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

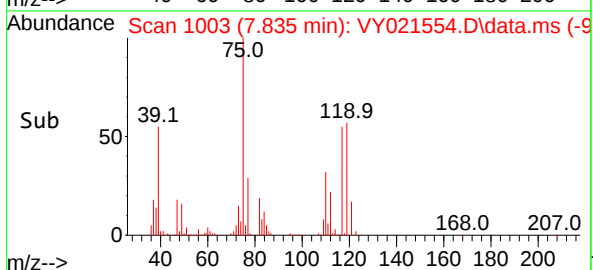
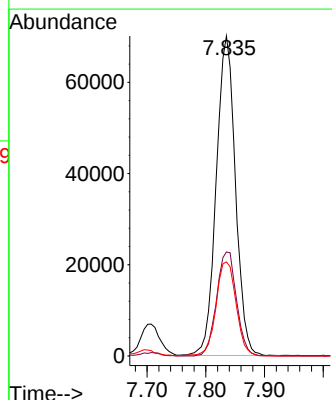
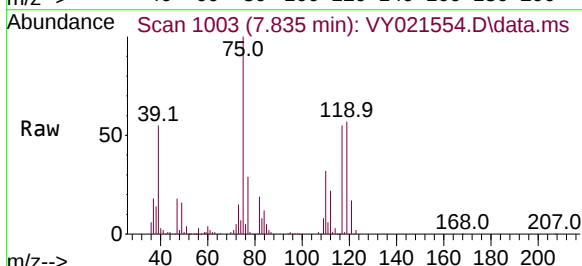
Tgt Ion: 75 Resp: 158719

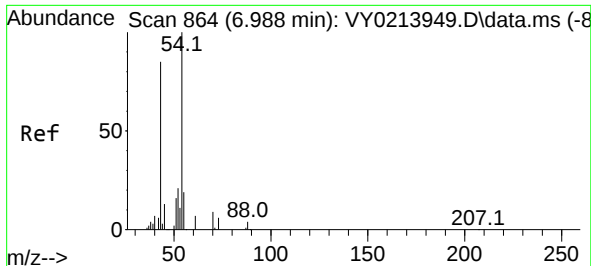
Ion Ratio Lower Upper

75 100

110 33.9 17.3 51.7

77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 54.988 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

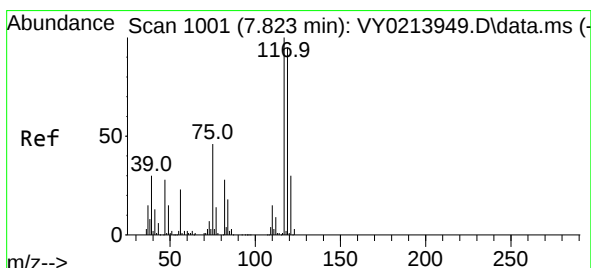
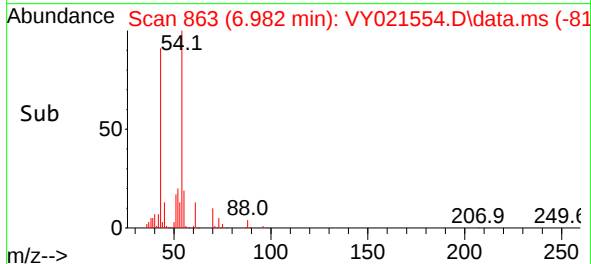
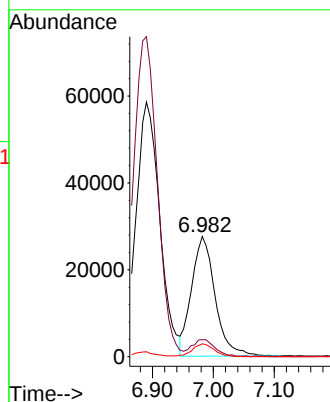
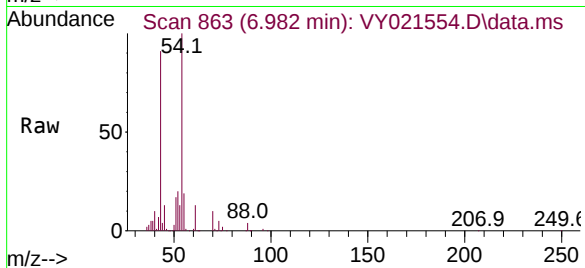
Tgt Ion: 43 Resp: 74191

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 51.932 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

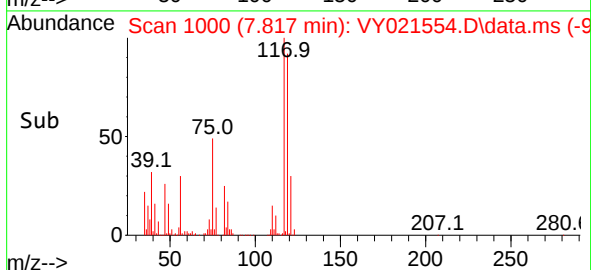
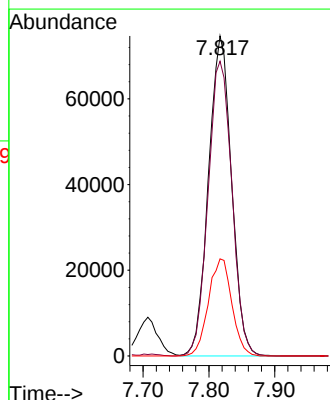
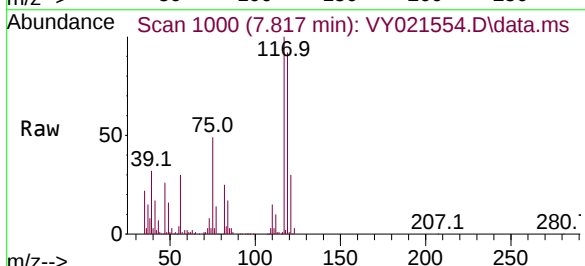
Tgt Ion: 117 Resp: 182321

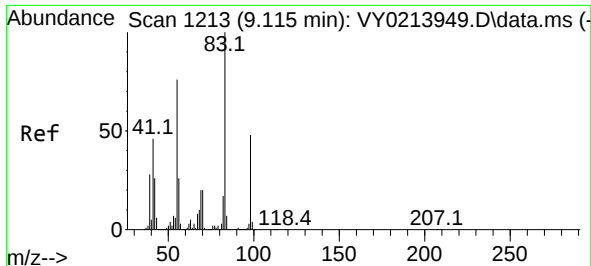
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.8

121 30.4 23.9 35.9

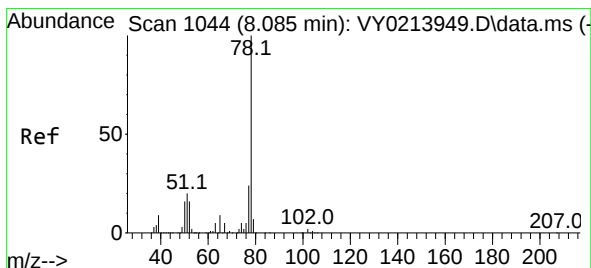
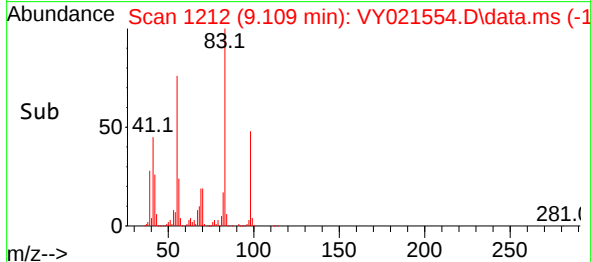
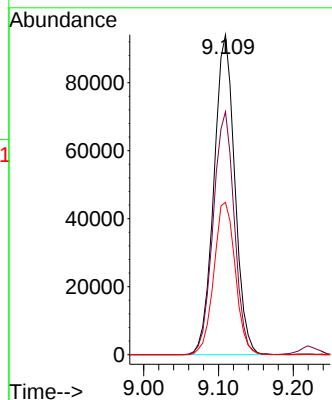
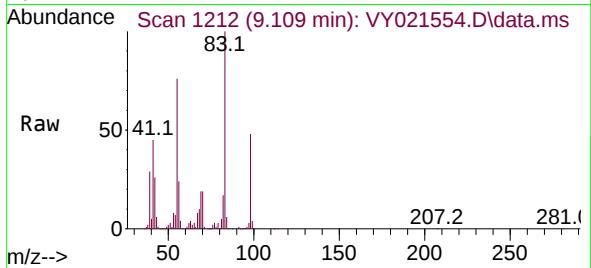




#39
Methylcyclohexane
Concen: 48.815 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

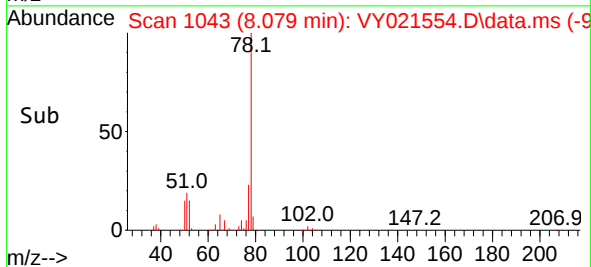
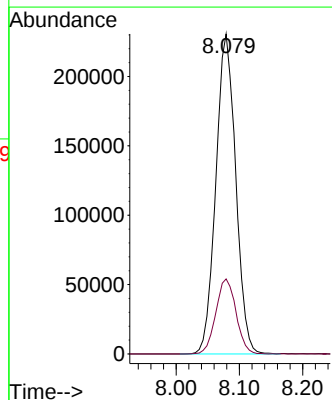
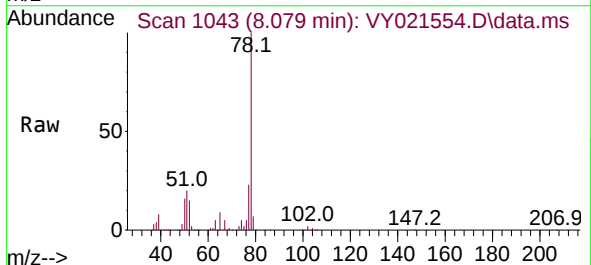
Instrument :
MSVOA_Y
ClientSampleId :

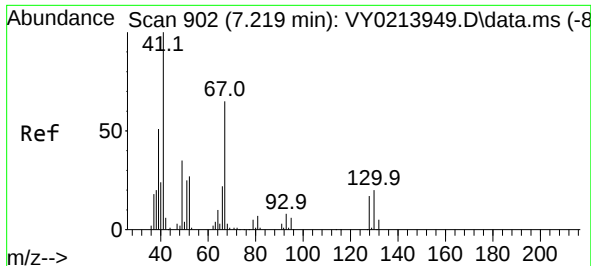
Tgt Ion: 83 Resp: 182783
Ion Ratio Lower Upper
83 100
55 76.0 60.7 91.1
98 47.6 38.6 57.8



#40
Benzene
Concen: 55.854 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

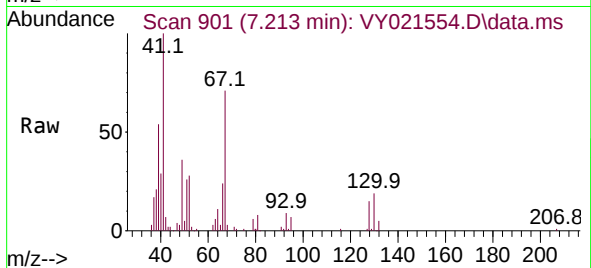
Tgt Ion: 78 Resp: 502266
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4



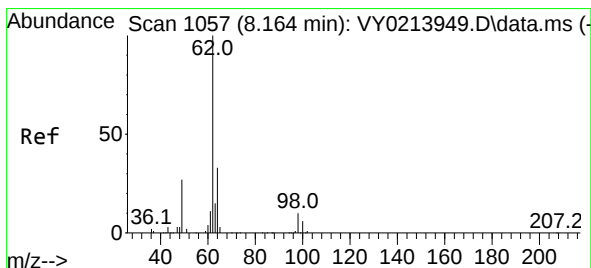
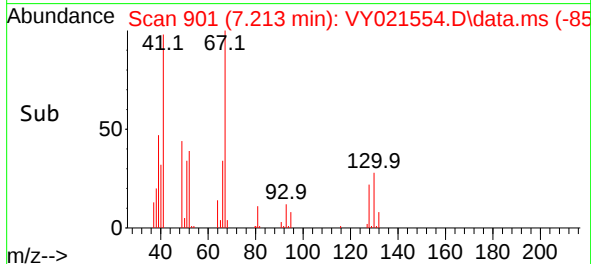
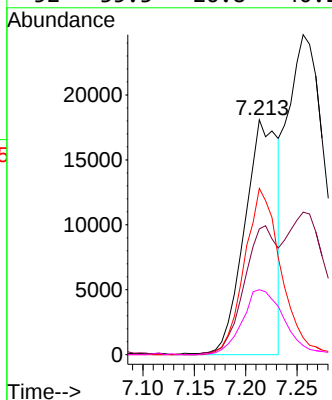


#41
Methacrylonitrile
Concen: 55.459 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :

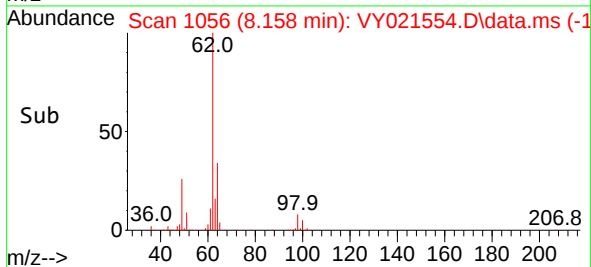
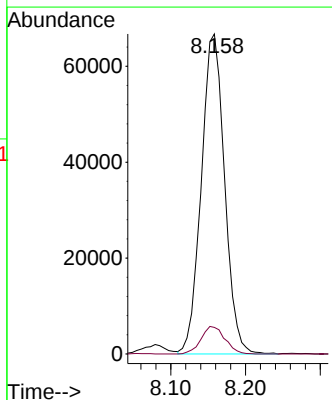
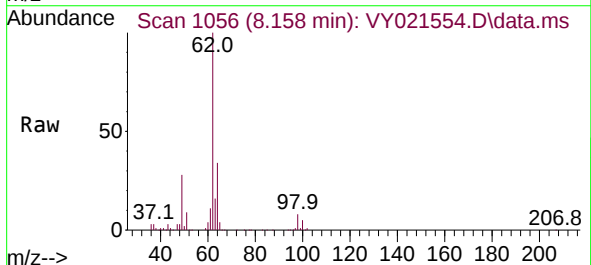


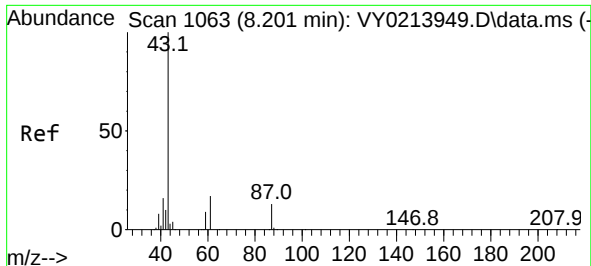
Tgt Ion:	41	Resp:	40743
Ion	Ratio	Lower	Upper
41	100		
39	54.6	35.0	52.6
67	77.9	61.2	91.8
52	35.3	26.8	40.2



#42
1,2-Dichloroethane
Concen: 57.435 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:	62	Resp:	144488
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

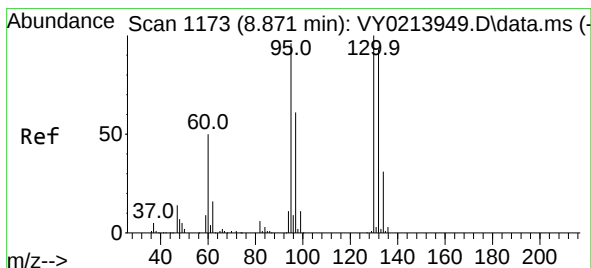
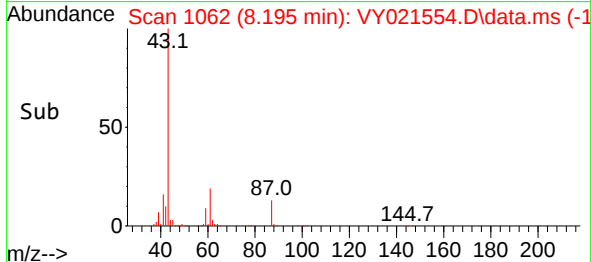
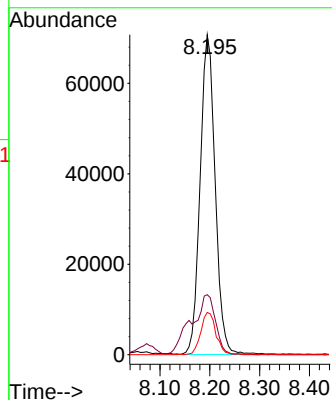
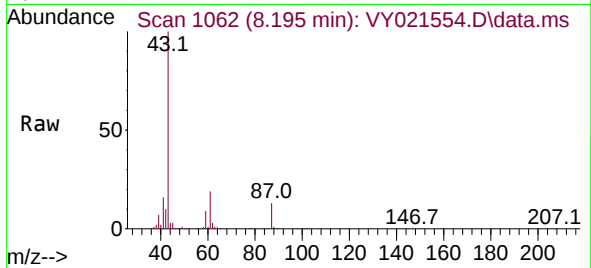




#43
Isopropyl Acetate
Concen: 56.650 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

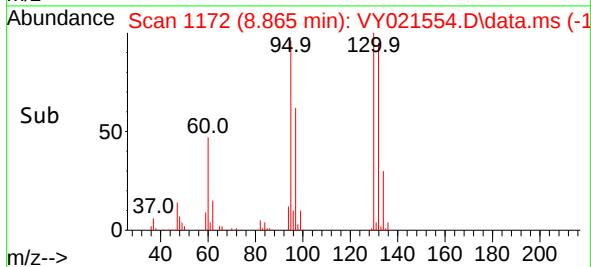
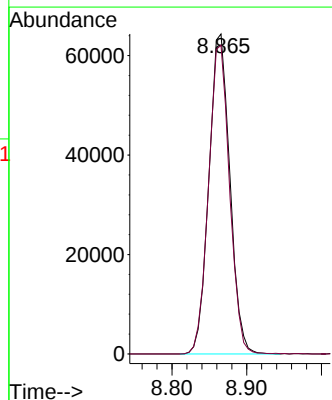
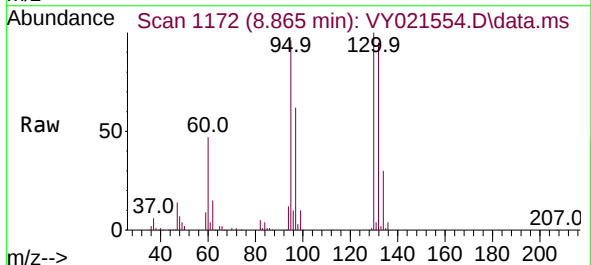
Instrument :
MSVOA_Y
ClientSampleId :

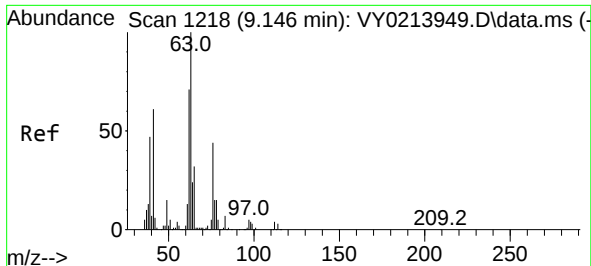
Tgt Ion: 43 Resp: 148376
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 13.3 10.5 15.7



#44
Trichloroethene
Concen: 55.261 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:130 Resp: 125573
Ion Ratio Lower Upper
130 100
95 96.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.716 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

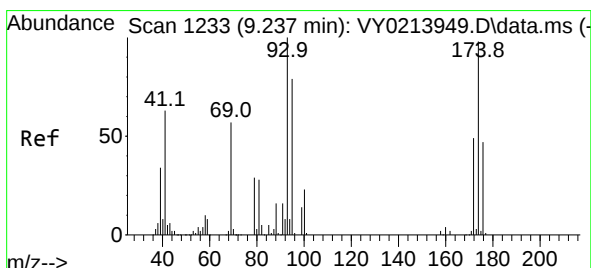
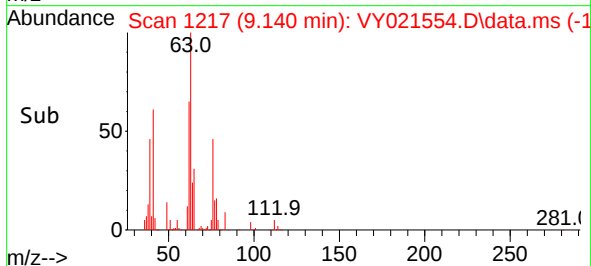
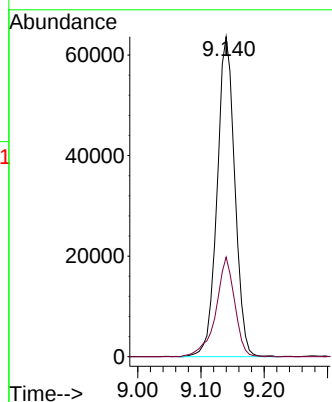
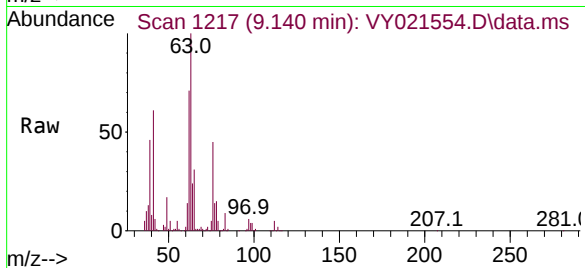
ClientSampleId :

Tgt Ion: 63 Resp: 123524

Ion Ratio Lower Upper

63 100

65 31.1 26.0 39.0



#46

Dibromomethane

Concen: 58.476 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

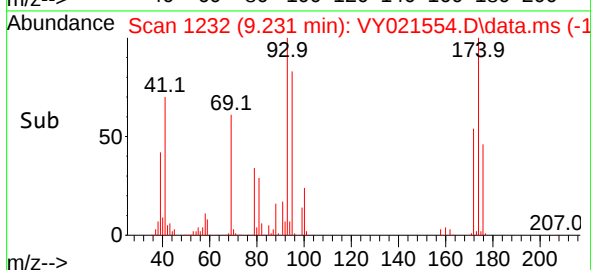
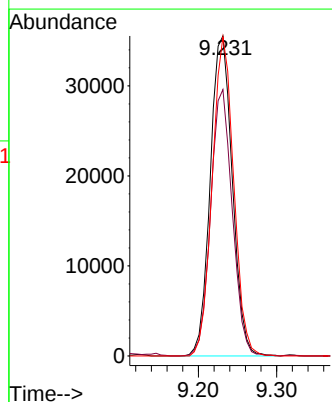
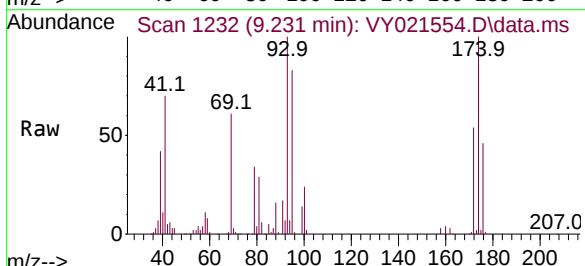
Tgt Ion: 93 Resp: 69634

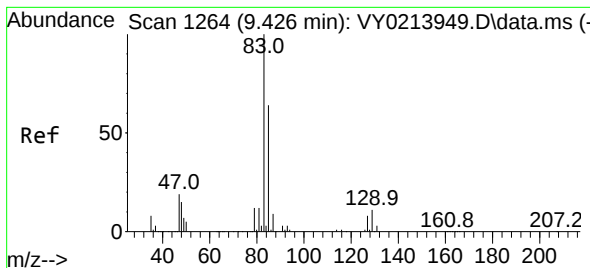
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 96.8 77.9 116.9





#47

Bromodichloromethane

Concen: 58.879 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

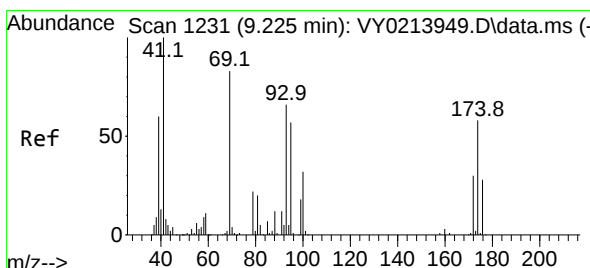
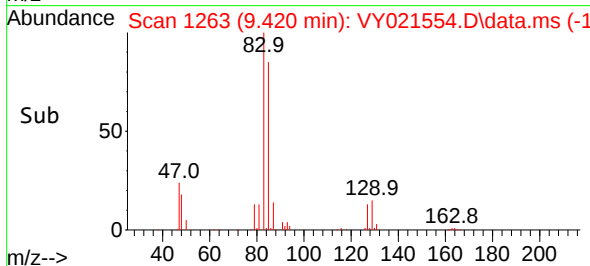
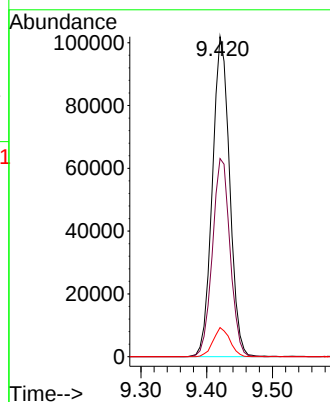
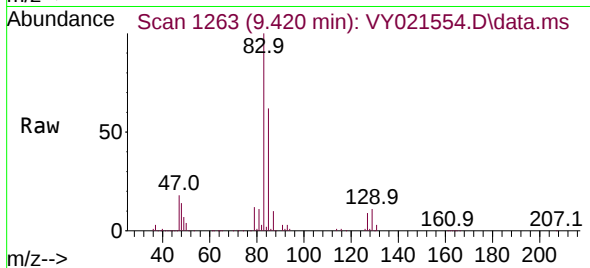
Tgt Ion: 83 Resp: 186202

Ion Ratio Lower Upper

83 100

85 61.9 51.1 76.7

127 9.1 6.7 10.1



#48

Methyl methacrylate

Concen: 57.976 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

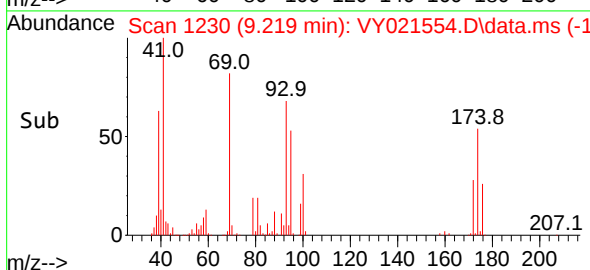
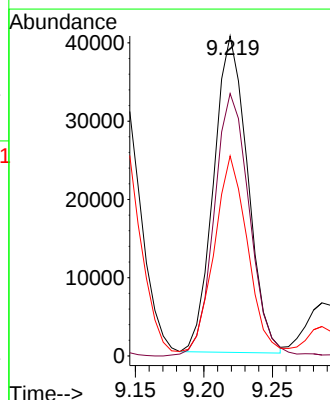
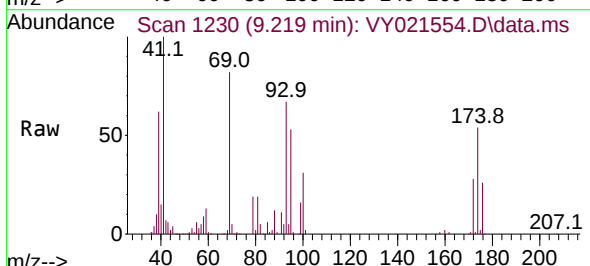
Tgt Ion: 41 Resp: 69729

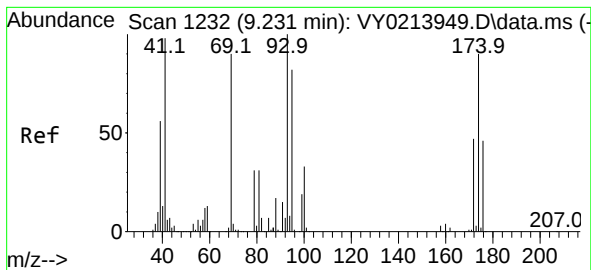
Ion Ratio Lower Upper

41 100

69 86.6 67.8 101.8

39 60.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1244.233 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

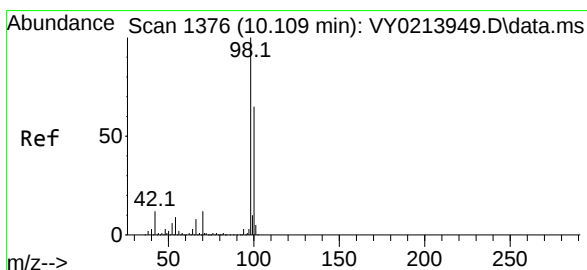
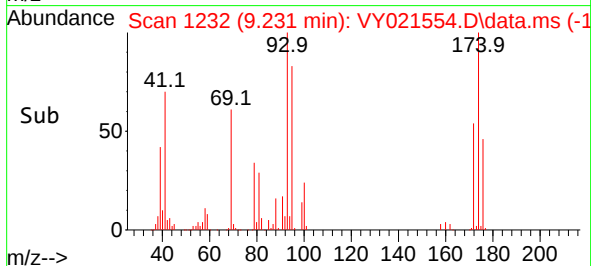
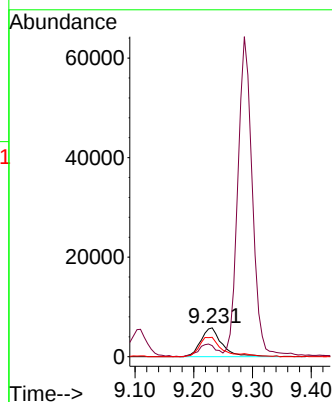
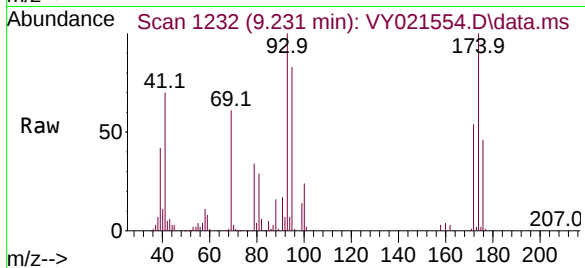
Tgt Ion: 88 Resp: 14543

Ion Ratio Lower Upper

88 100

43 37.6 25.0 37.4#

58 73.7 58.4 87.6



#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021554.D

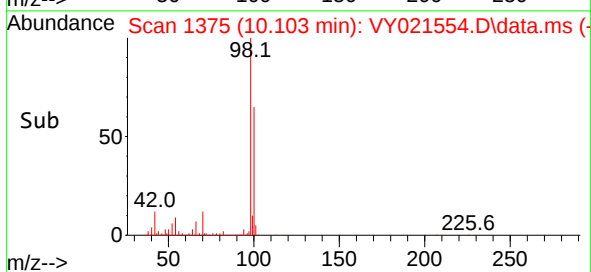
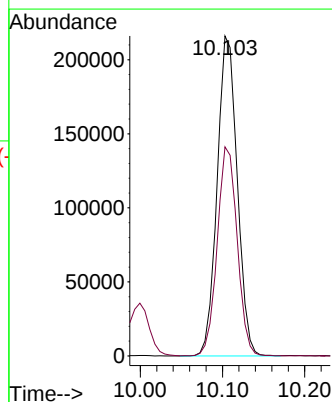
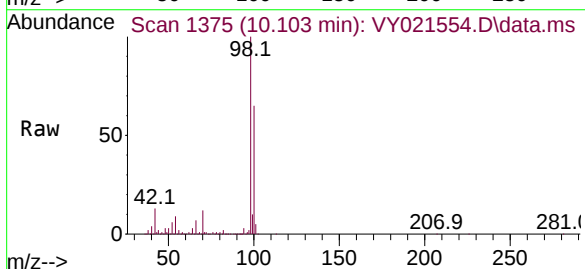
Acq: 17 Mar 2025 16:40

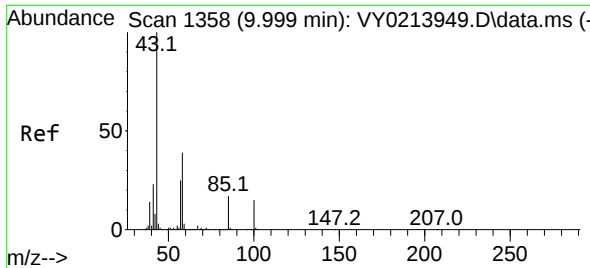
Tgt Ion: 98 Resp: 367199

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

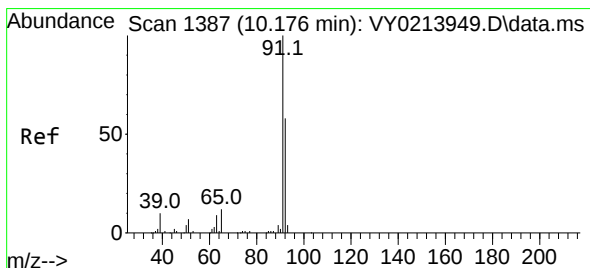
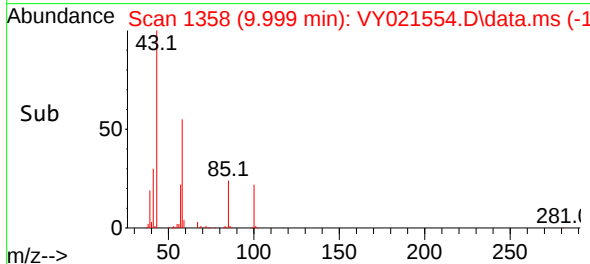
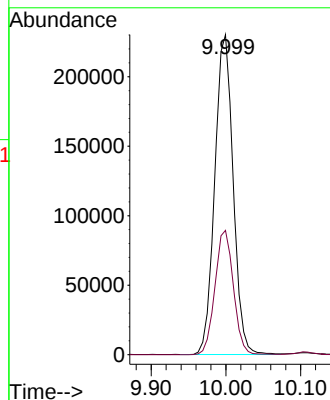
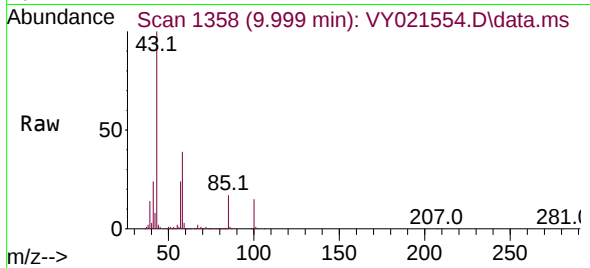




#51
4-Methyl-2-Pentanone
Concen: 291.976 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

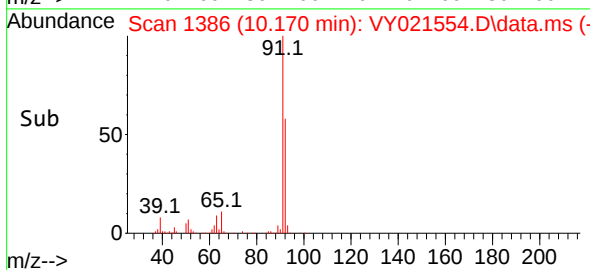
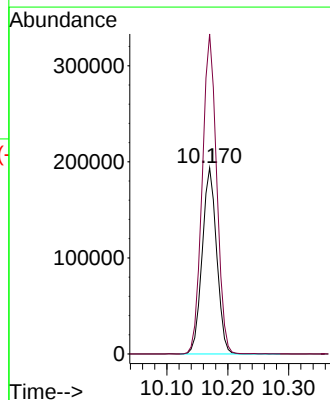
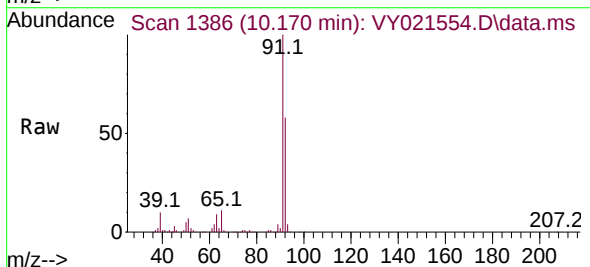
Instrument :
MSVOA_Y
ClientSampleId :

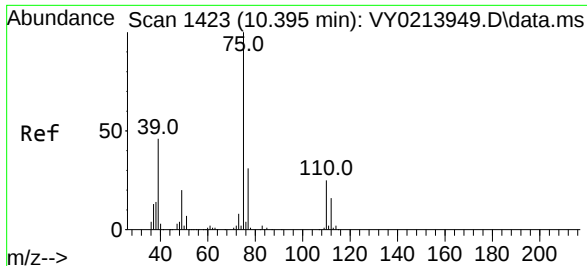
Tgt Ion: 43 Resp: 394580
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 56.374 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 92 Resp: 319605
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 57.942 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

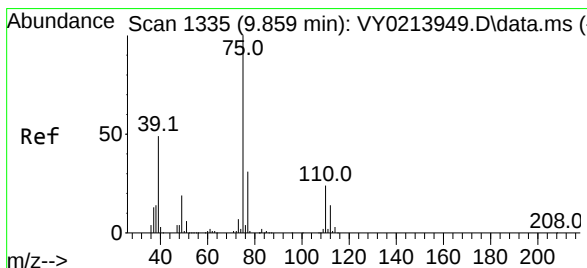
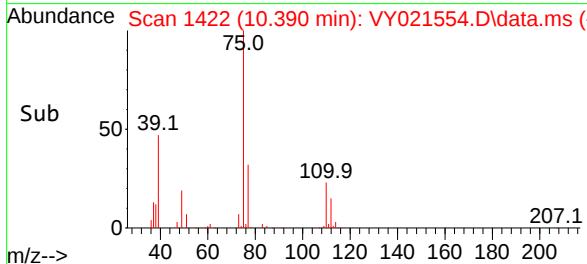
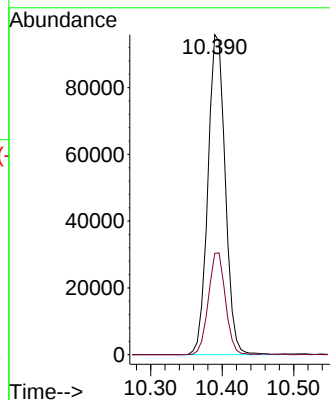
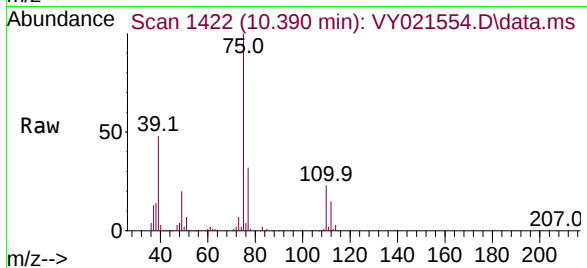
ClientSampleId :

Tgt Ion: 75 Resp: 161437

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 56.482 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

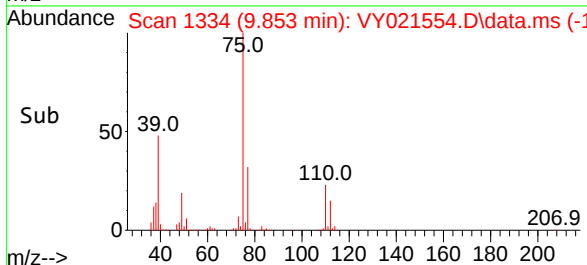
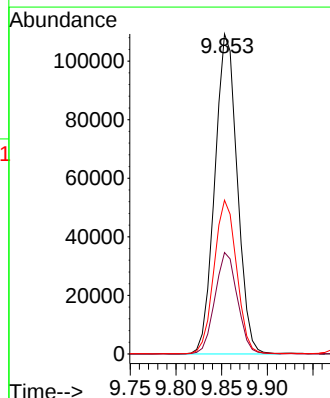
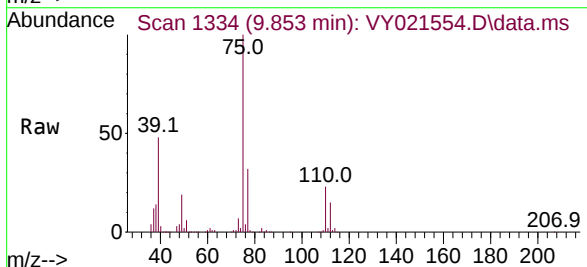
Tgt Ion: 75 Resp: 186838

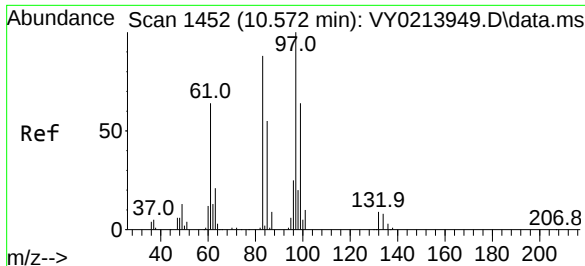
Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 48.0 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 58.547 ug/l

RT: 10.572 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 91199

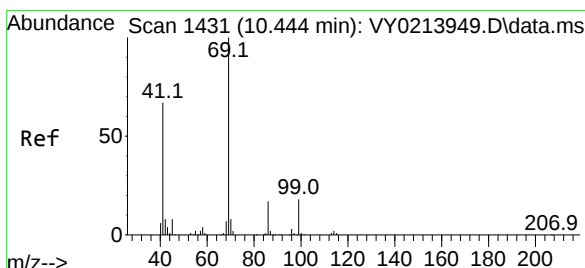
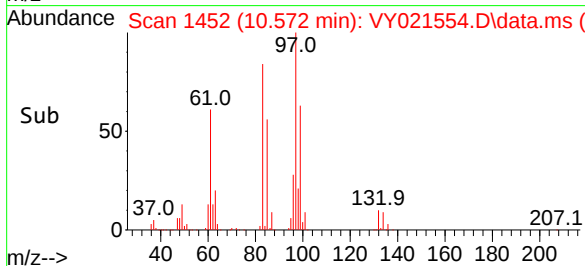
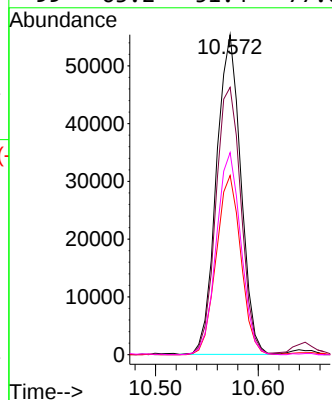
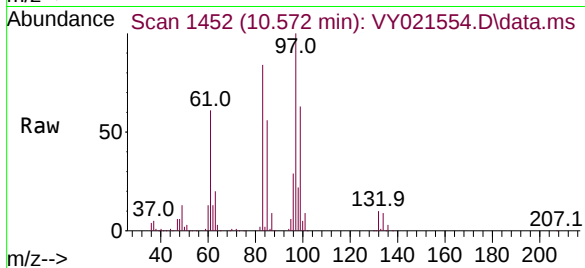
Ion Ratio Lower Upper

97 100

83 83.7 70.0 105.0

85 56.1 44.3 66.5

99 63.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 60.954 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

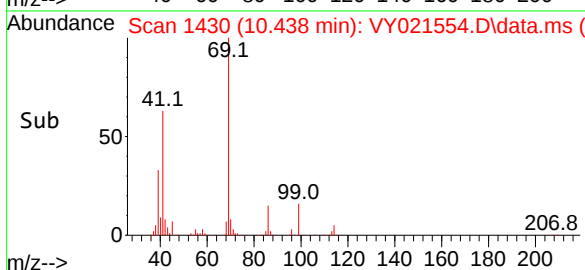
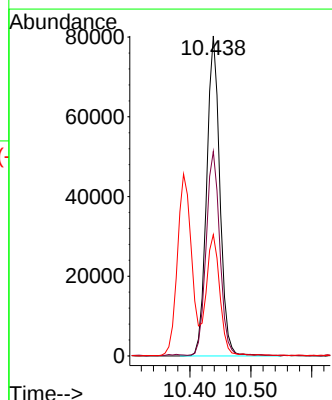
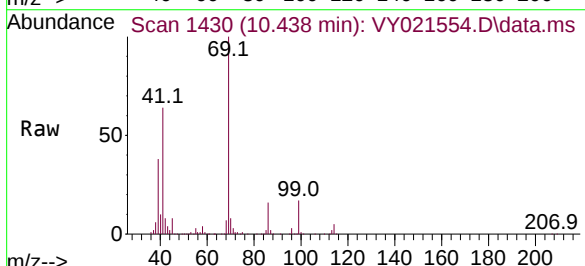
Tgt Ion: 69 Resp: 121093

Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

39 38.3 31.0 46.6





#57

1,3-Dichloropropane

Concen: 58.732 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

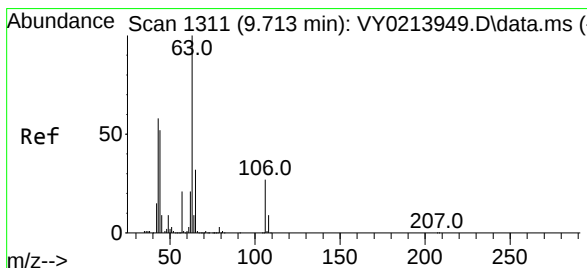
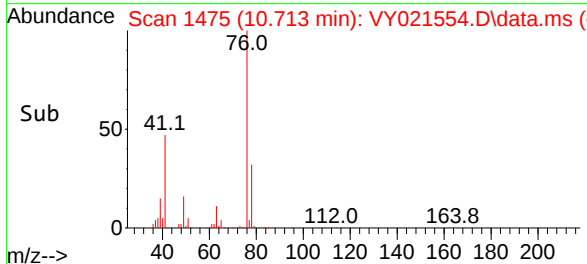
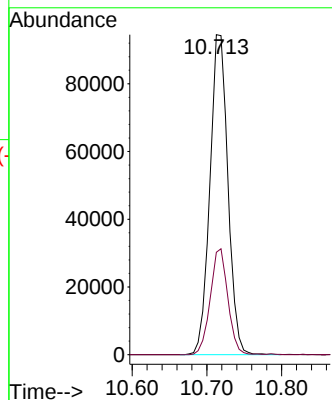
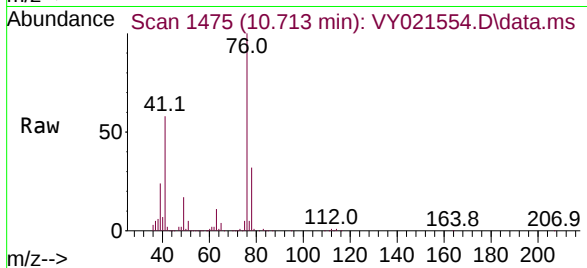
ClientSampleId :

Tgt Ion: 76 Resp: 158564

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 254.711 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021554.D

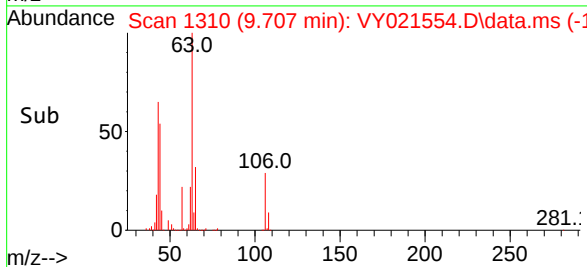
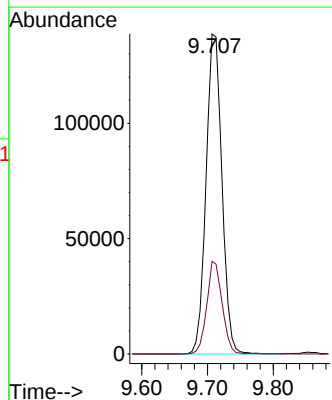
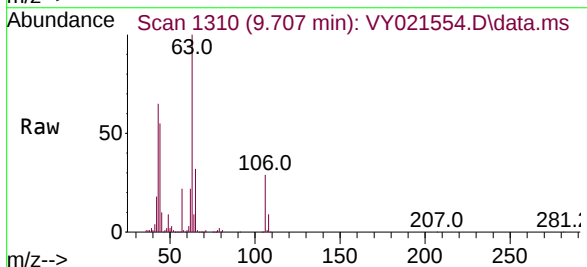
Acq: 17 Mar 2025 16:40

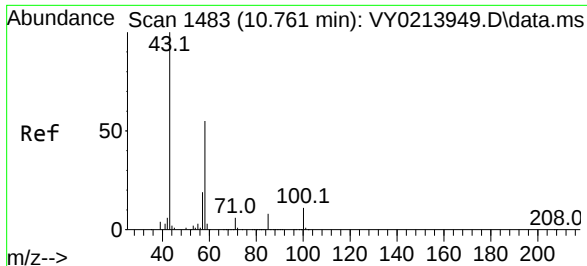
Tgt Ion: 63 Resp: 233591

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 290.133 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

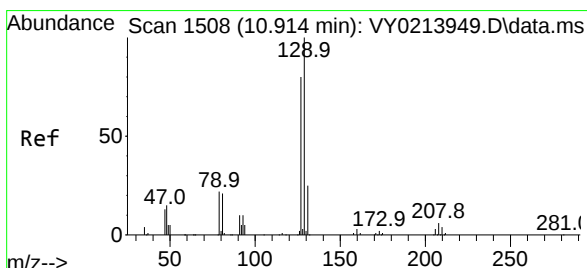
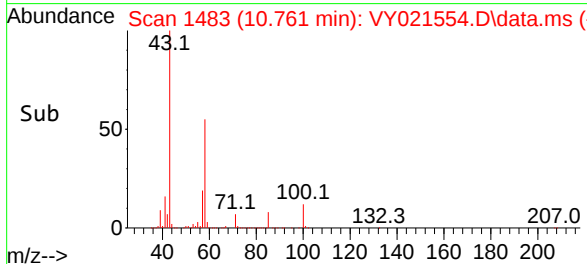
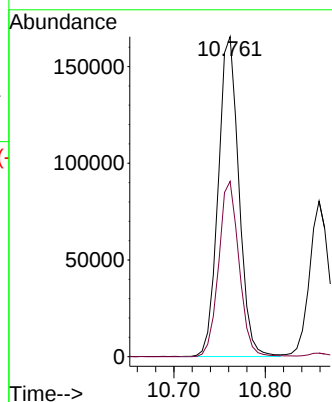
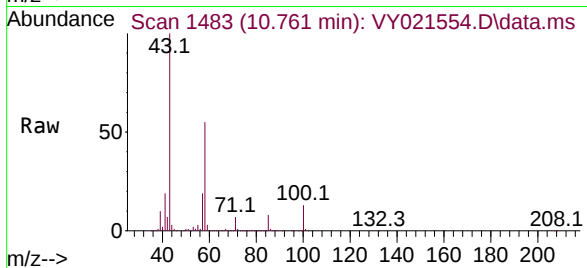
ClientSampleId :

Tgt Ion: 43 Resp: 259260

Ion Ratio Lower Upper

43 100

58 54.4 27.3 81.8



#60

Dibromochloromethane

Concen: 59.669 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021554.D

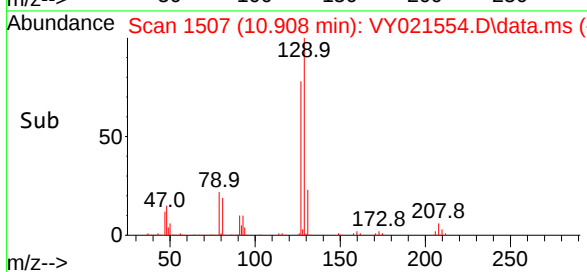
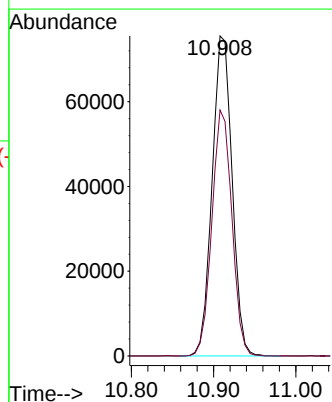
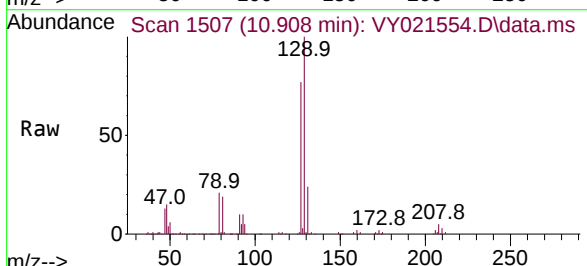
Acq: 17 Mar 2025 16:40

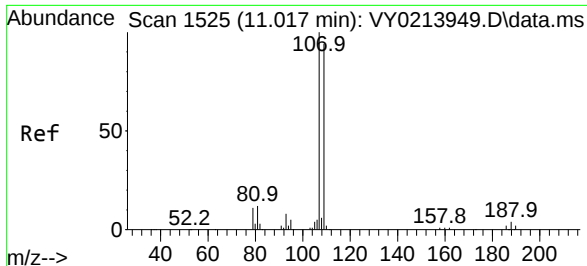
Tgt Ion:129 Resp: 127425

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.3

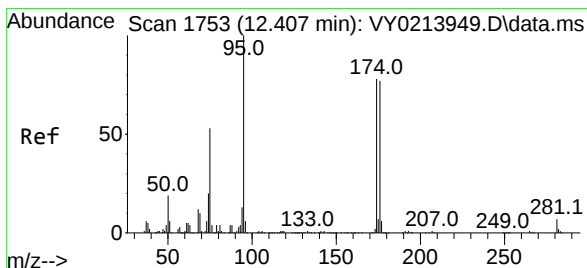
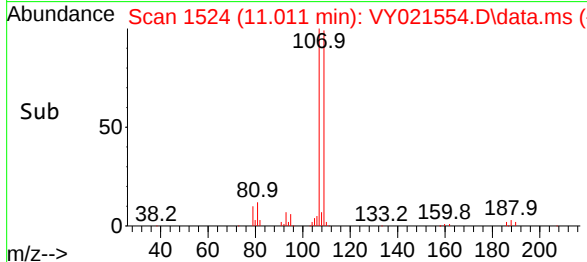
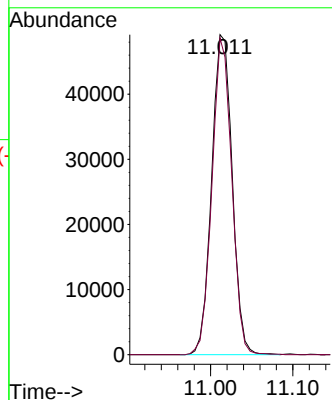
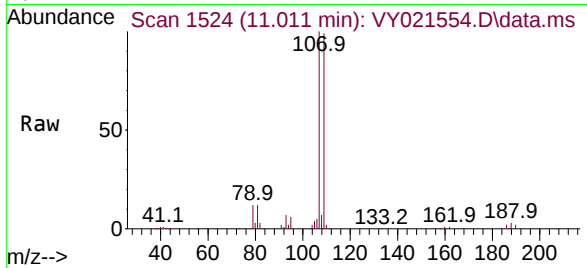




#61
1,2-Dibromoethane
Concen: 58.060 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

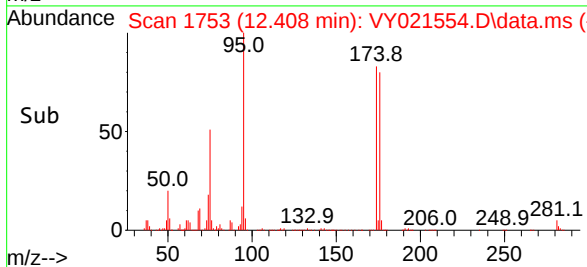
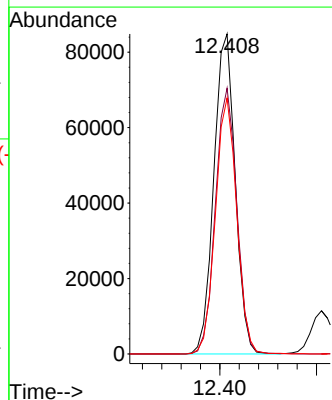
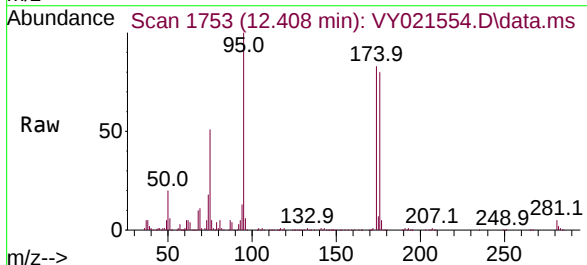
Instrument :
MSVOA_Y
ClientSampleId :

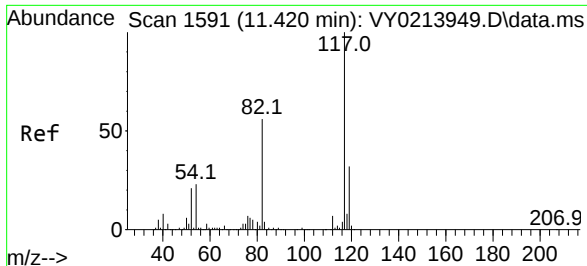
Tgt Ion:107 Resp: 85358
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.714 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

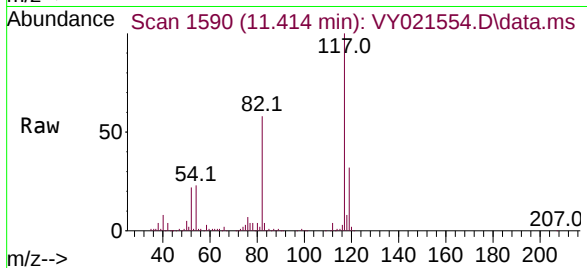
Tgt Ion: 95 Resp: 129892
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.0
176 79.8 0.0 160.0



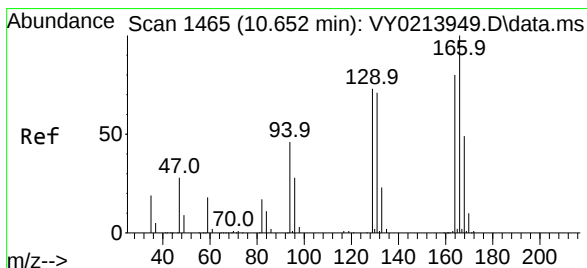
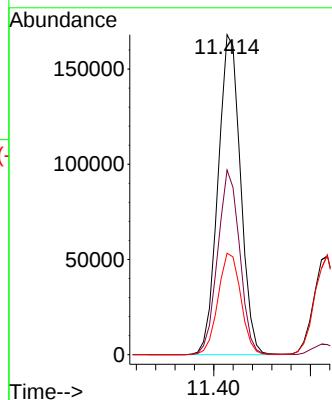
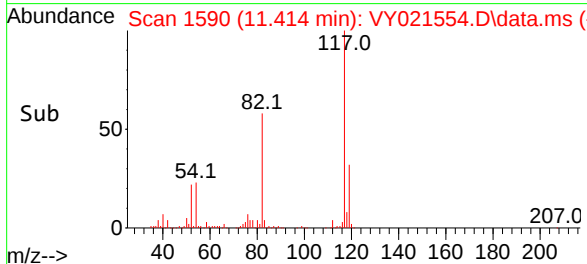


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :

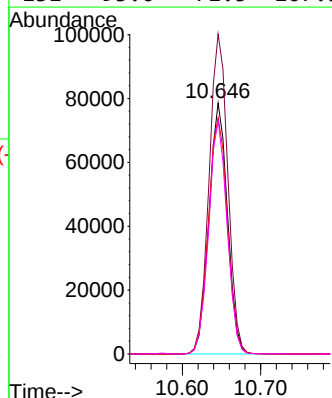
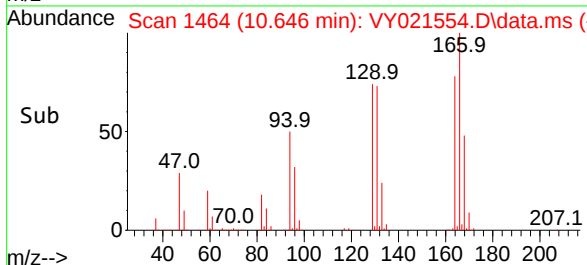
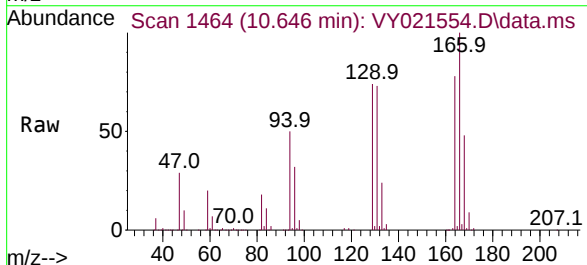


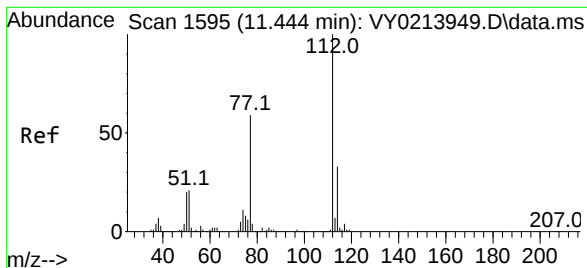
Tgt Ion:117 Resp: 270626
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 58.654 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:164 Resp: 129076
Ion Ratio Lower Upper
164 100
166 127.5 100.4 150.6
129 94.1 73.8 110.8
131 93.0 71.5 107.3





#65

Chlorobenzene

Concen: 54.793 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

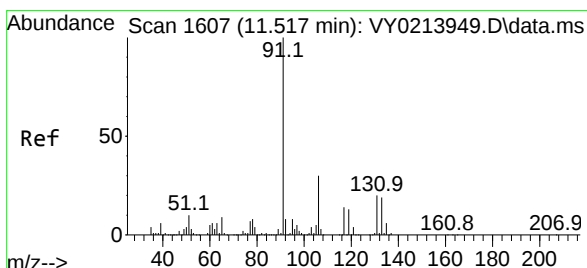
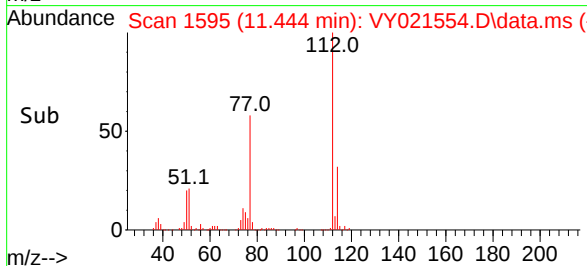
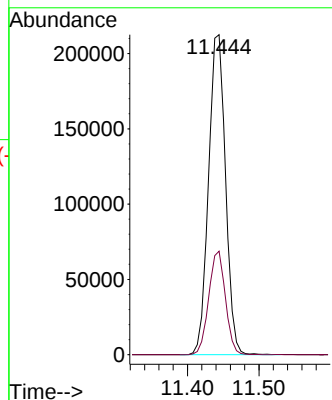
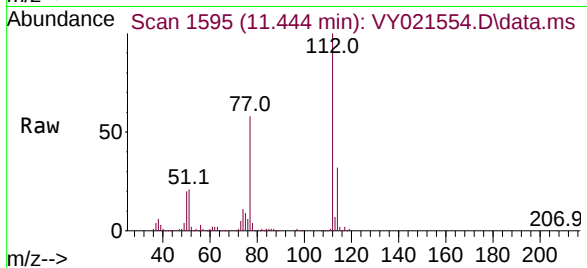
ClientSampleId :

Tgt Ion:112 Resp: 350165

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 55.634 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

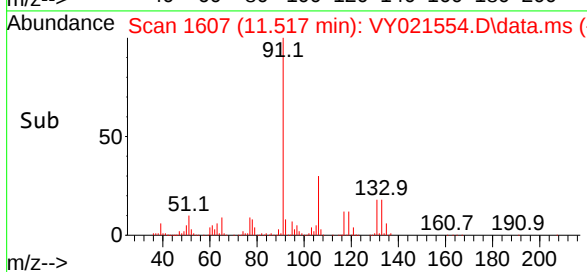
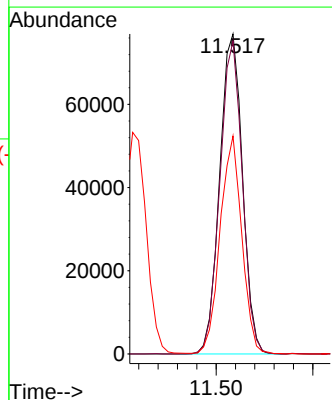
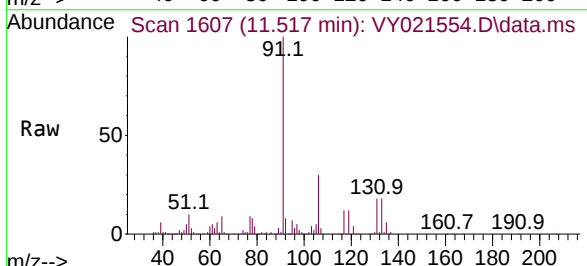
Tgt Ion:131 Resp: 125701

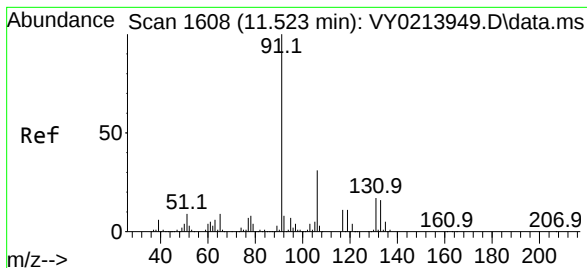
Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

119 65.0 32.3 96.9





#67

Ethyl Benzene

Concen: 54.790 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

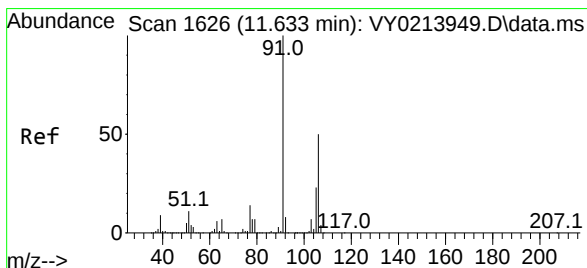
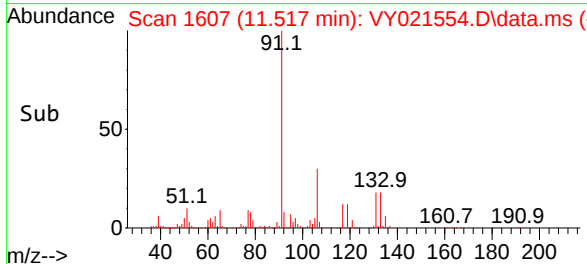
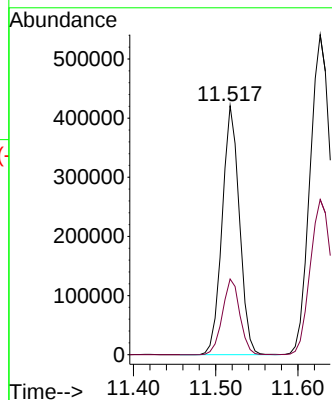
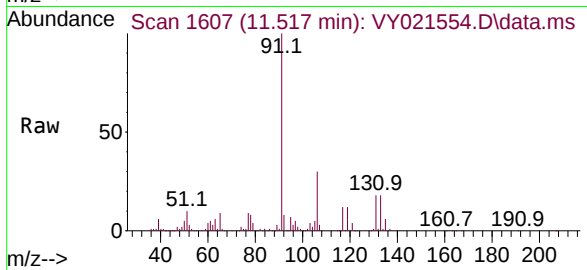
ClientSampleId :

Tgt Ion: 91 Resp: 614582

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 109.919 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021554.D

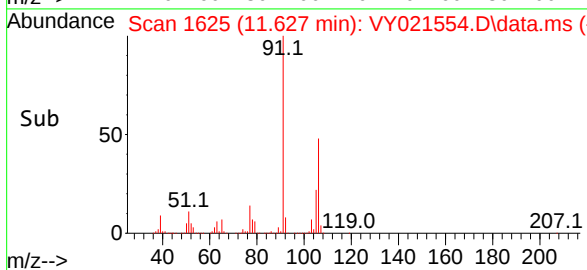
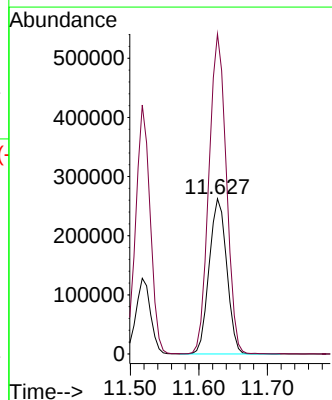
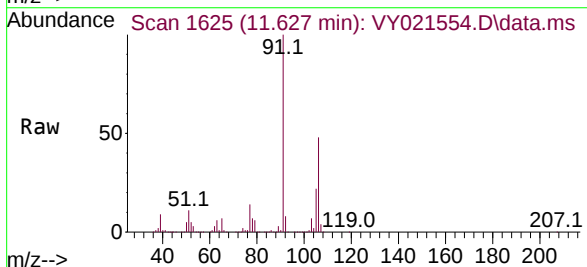
Acq: 17 Mar 2025 16:40

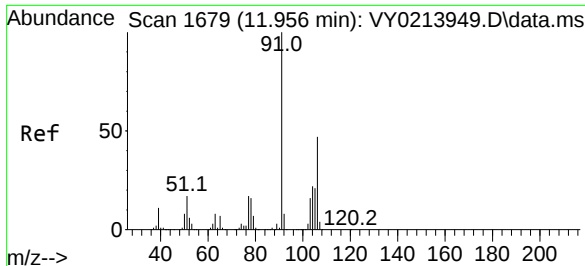
Tgt Ion:106 Resp: 468092

Ion Ratio Lower Upper

106 100

91 204.4 161.7 242.5





#69

o-Xylene

Concen: 56.941 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

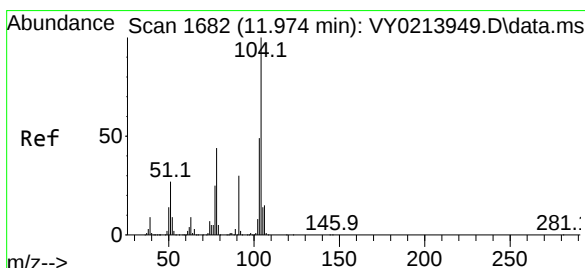
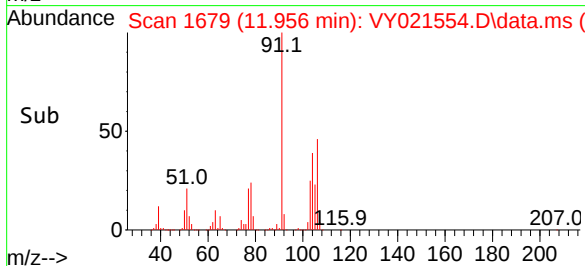
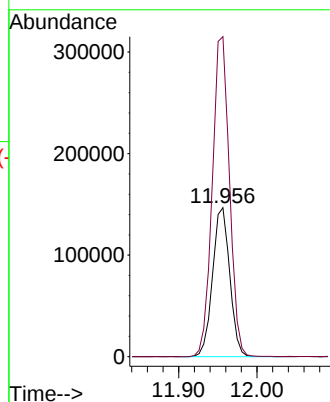
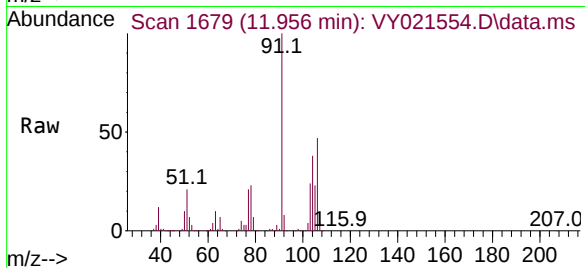
ClientSampleId :

Tgt Ion:106 Resp: 223484

Ion Ratio Lower Upper

106 100

91 215.2 107.6 322.8



#70

Styrene

Concen: 58.912 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

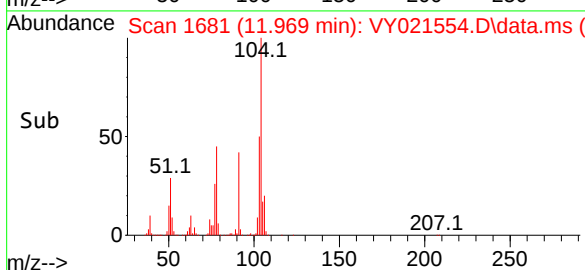
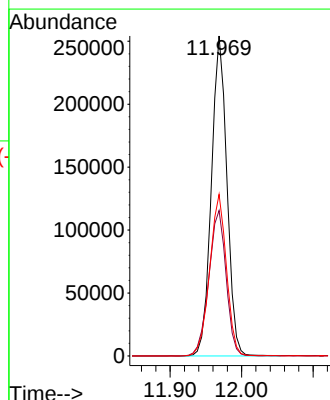
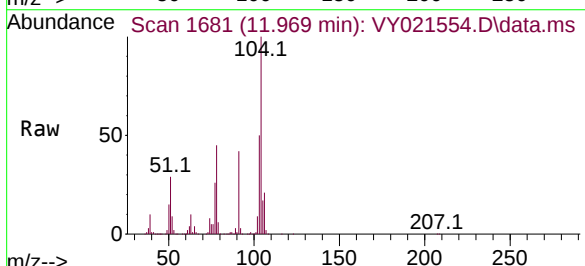
Tgt Ion:104 Resp: 383584

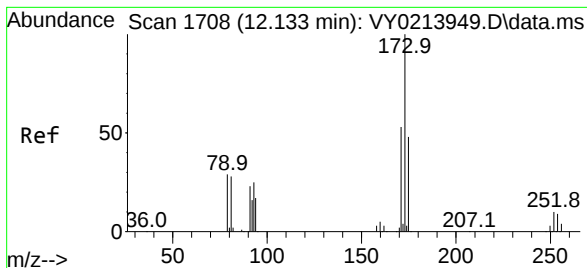
Ion Ratio Lower Upper

104 100

78 50.4 40.7 61.1

103 54.6 44.1 66.1





#71

Bromoform

Concen: 57.245 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

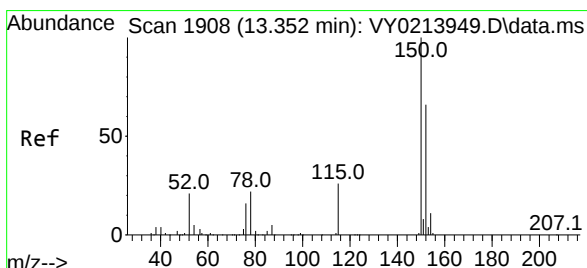
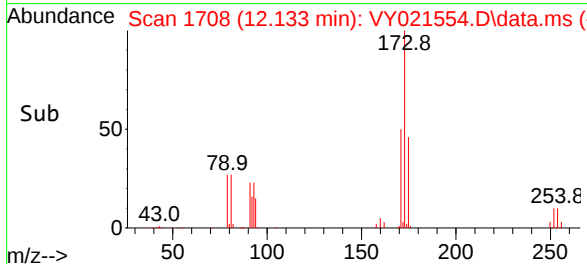
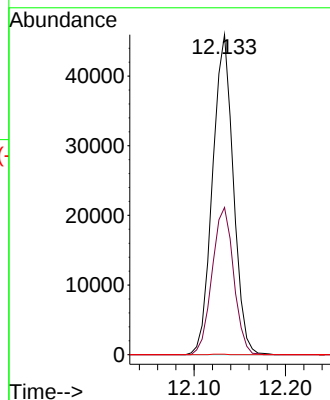
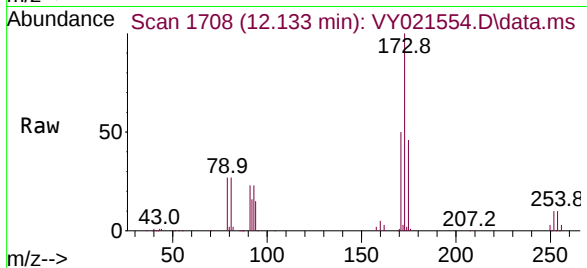
Tgt Ion:173 Resp: 72303

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

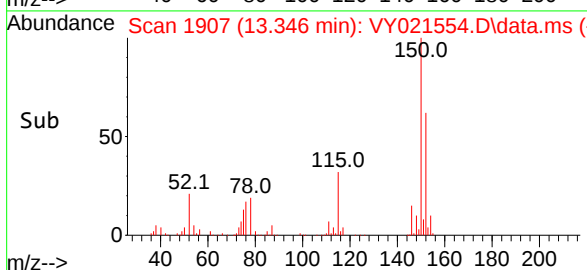
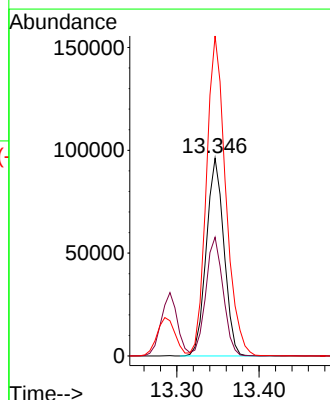
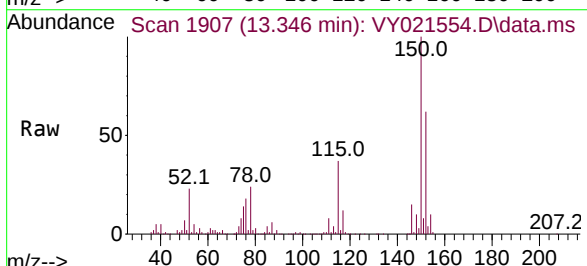
Tgt Ion:152 Resp: 143449

Ion Ratio Lower Upper

152 100

115 59.0 29.0 87.0

150 177.4 0.0 347.2

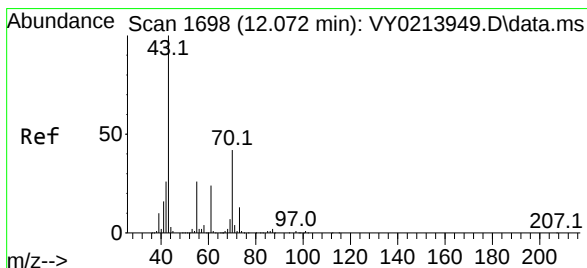
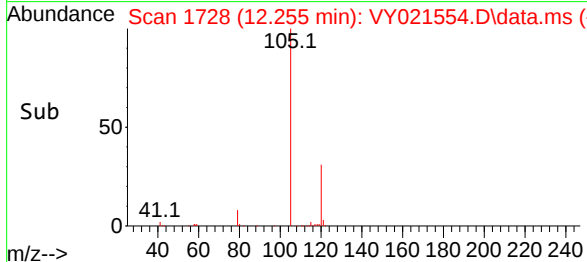
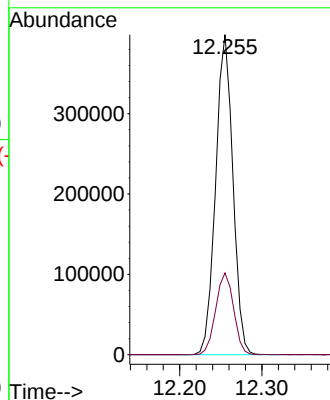
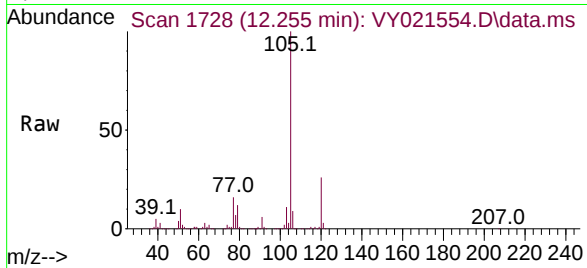




#73
Isopropylbenzene
Concen: 51.367 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

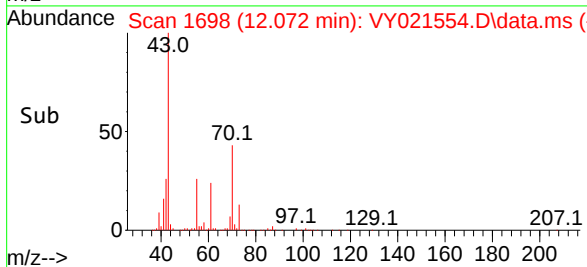
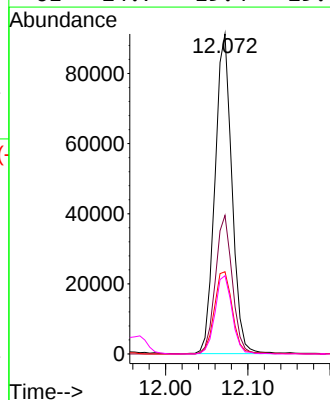
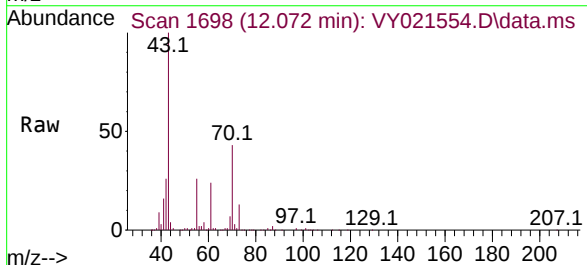
Instrument :
MSVOA_Y
ClientSampleId :

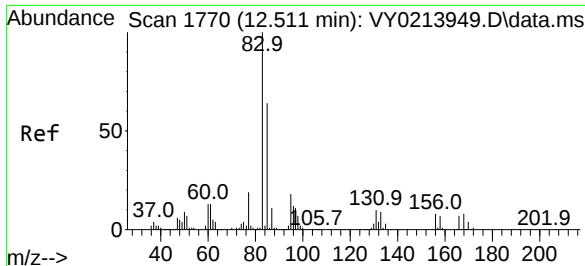
Tgt Ion:105 Resp: 580437
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 53.280 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 43 Resp: 130751
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 27.8 21.1 31.7
61 24.7 19.4 29.0

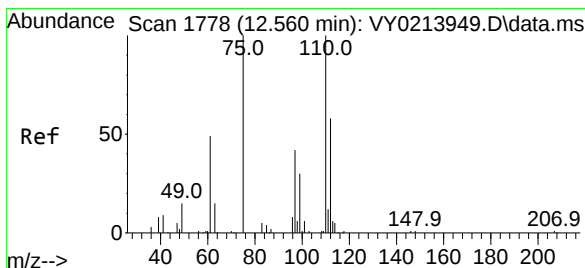
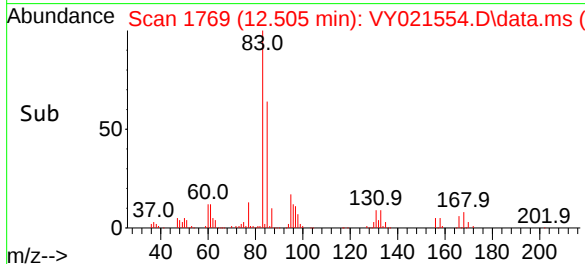
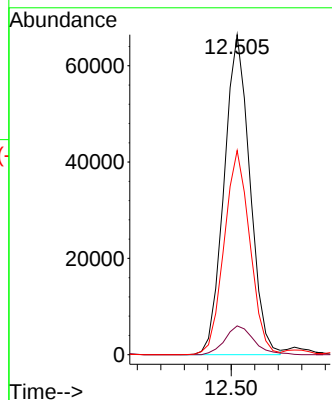
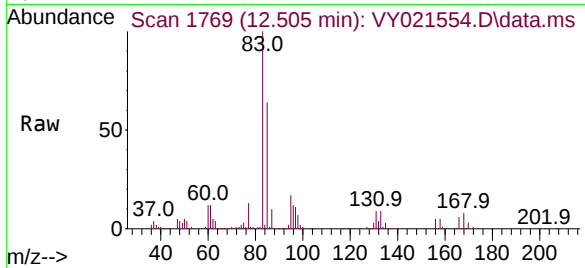




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.779 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

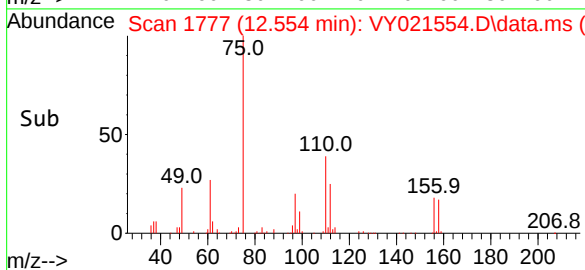
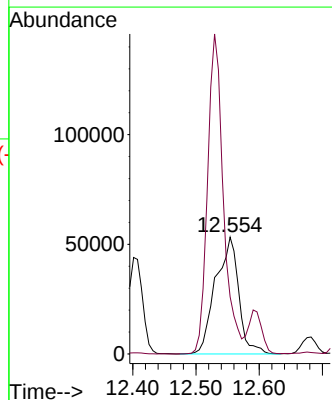
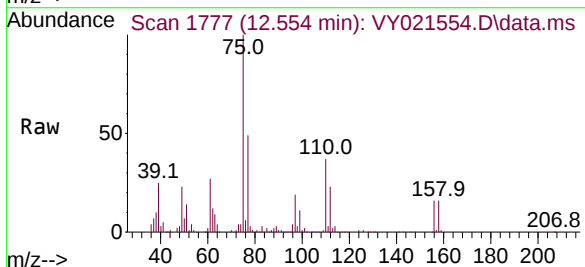
Instrument :
 MSVOA_Y
 ClientSampleId :

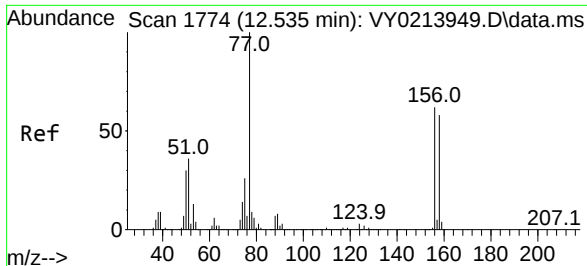
Tgt Ion: 83 Resp: 101256
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 16.1
 85 63.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 93.587 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion: 75 Resp: 135281
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

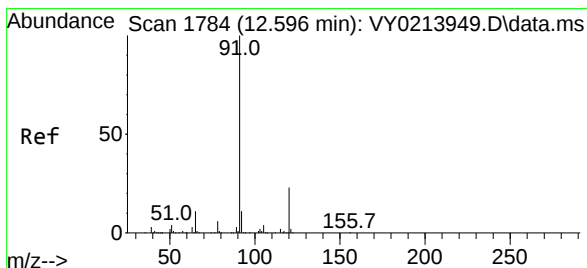
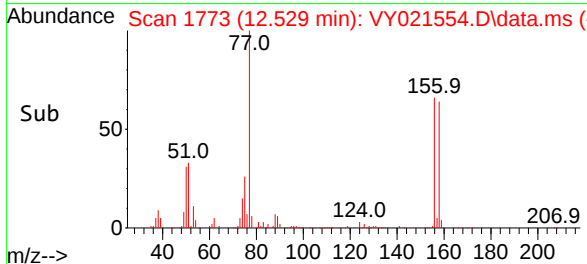
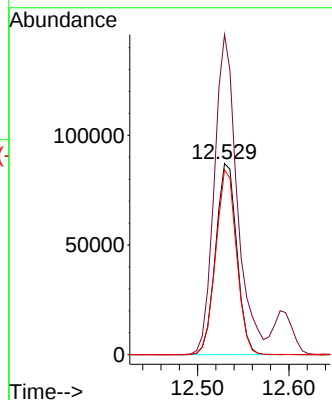
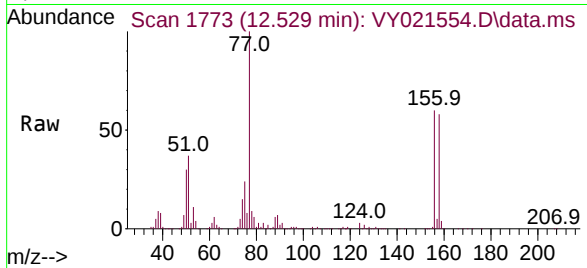




#77
Bromobenzene
Concen: 53.098 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

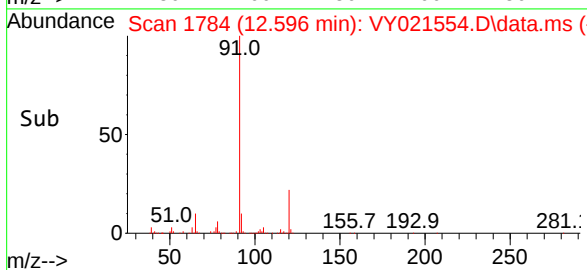
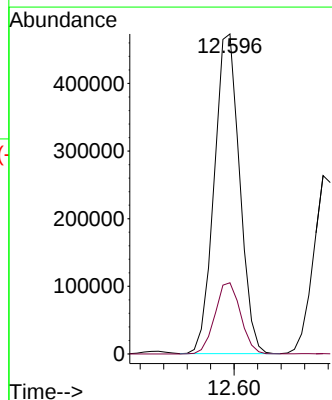
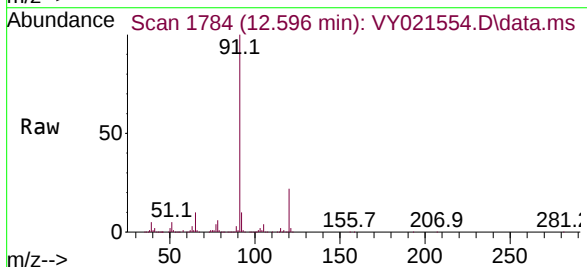
Instrument :
MSVOA_Y
ClientSampleId :

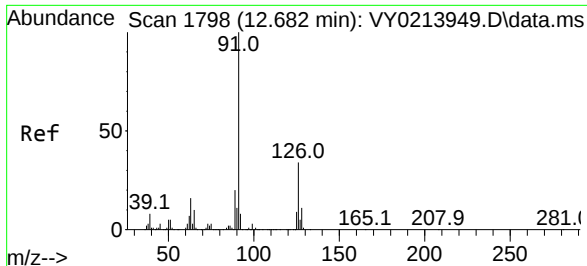
Tgt Ion:156 Resp: 140370
Ion Ratio Lower Upper
156 100
77 181.2 93.6 280.8
158 95.4 48.3 144.8



#78
n-propylbenzene
Concen: 51.682 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 91 Resp: 709257
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

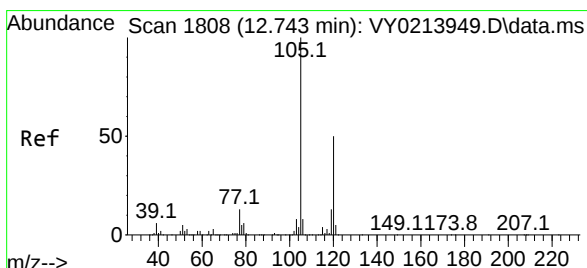
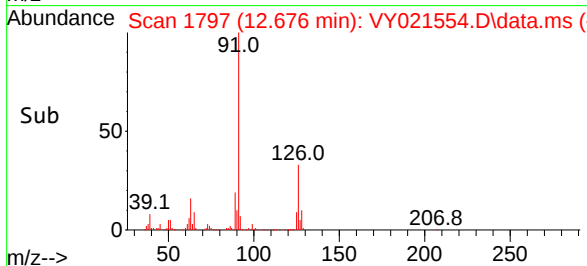
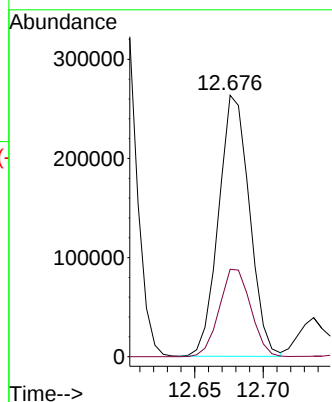
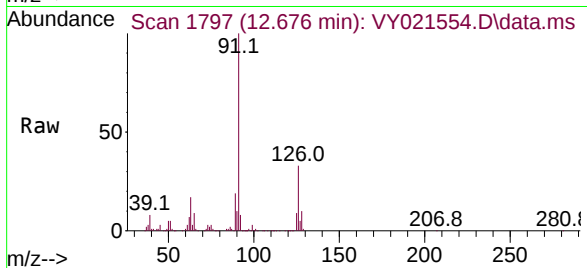




#79
2-Chlorotoluene
Concen: 52.696 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

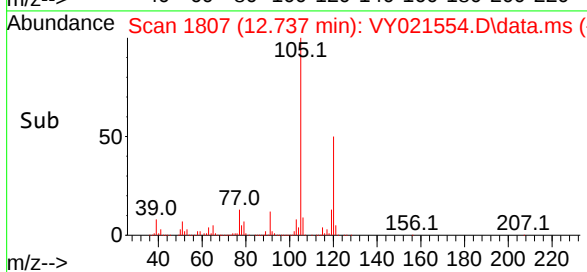
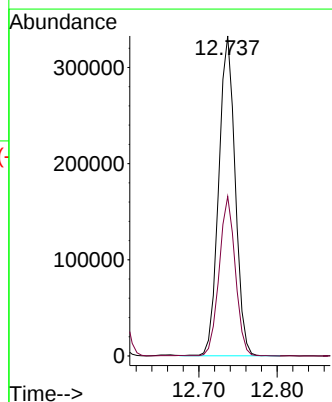
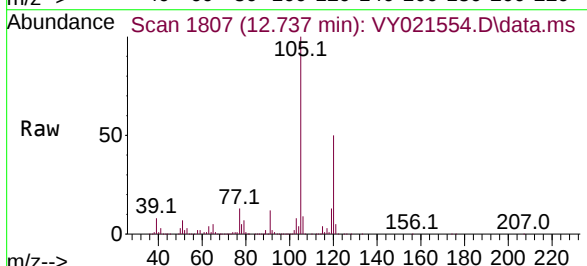
Instrument :
MSVOA_Y
ClientSampleId :

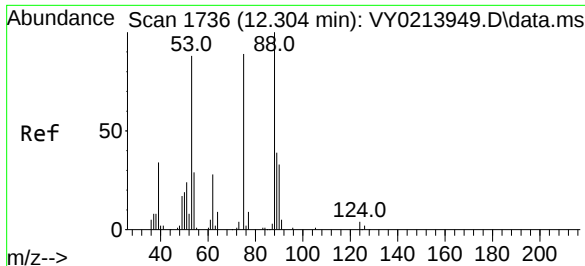
Tgt Ion: 91 Resp: 413505
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 52.778 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:105 Resp: 484661
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6

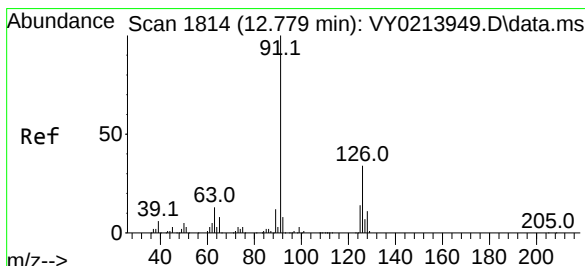
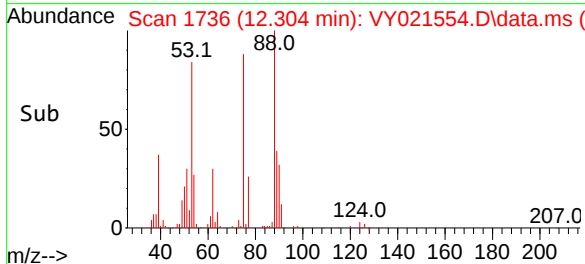
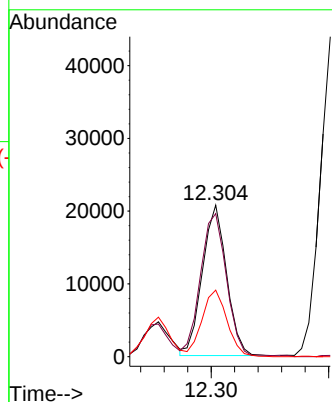
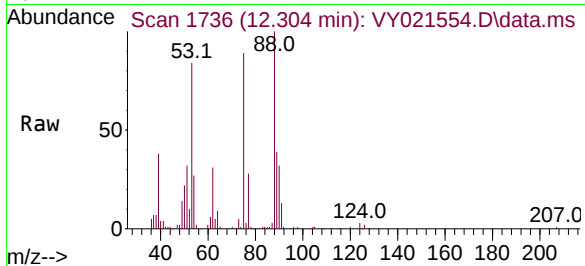




#81
trans-1,4-Dichloro-2-butene
Concen: 46.603 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

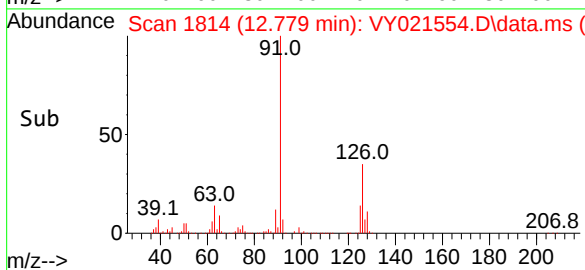
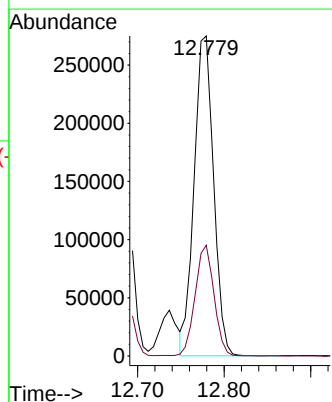
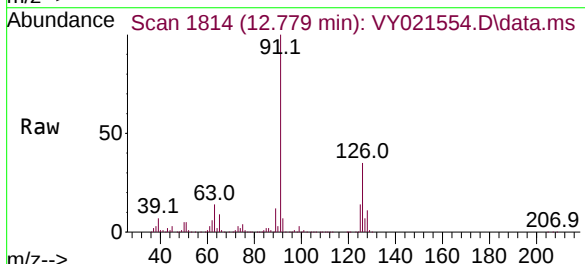
Instrument :
MSVOA_Y
ClientSampleId :

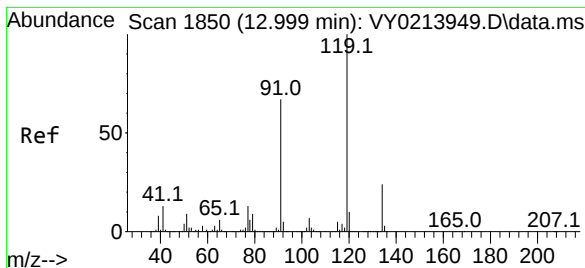
Tgt Ion: 75 Resp: 29633
Ion Ratio Lower Upper
75 100
53 103.4 81.0 121.4
89 45.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.799 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion: 91 Resp: 429031
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

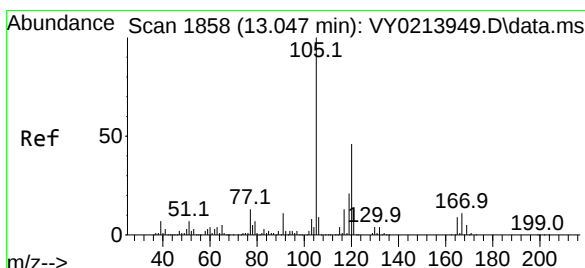
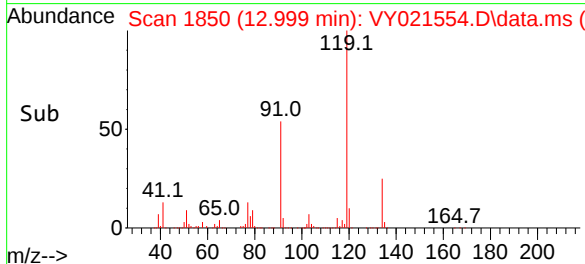
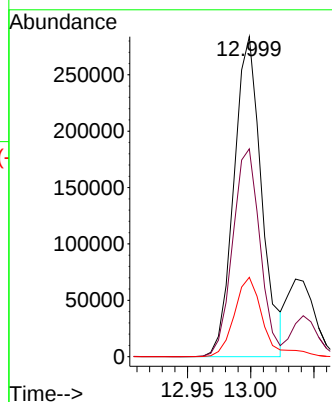
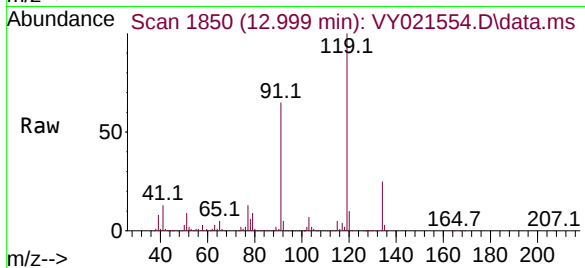




#83
 tert-Butylbenzene
 Concen: 52.736 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

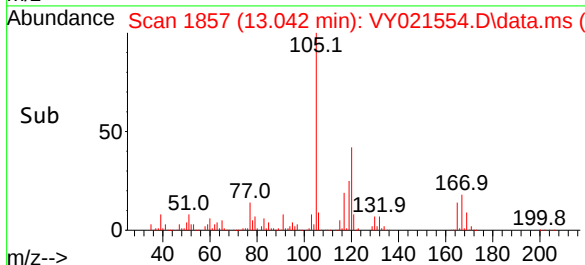
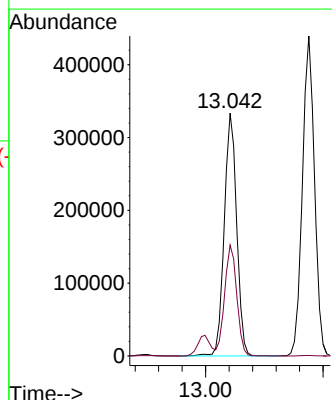
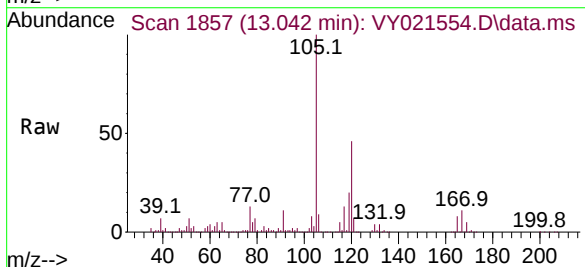
Instrument :
 MSVOA_Y
 ClientSampleId :

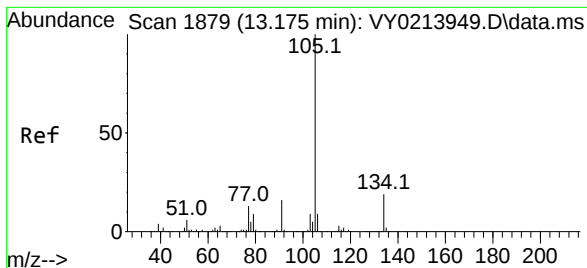
Tgt Ion:119 Resp: 432016
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.2 99.6
 134 25.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.720 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion:105 Resp: 489791
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.331 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

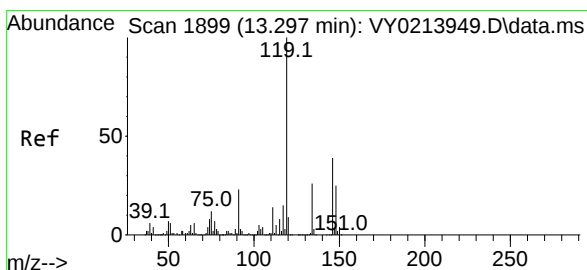
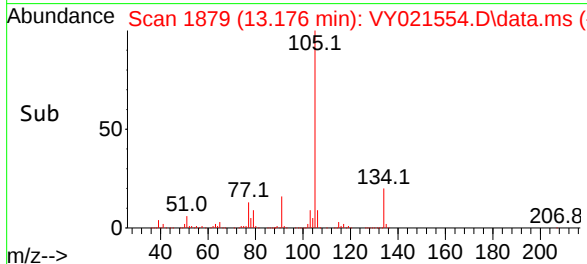
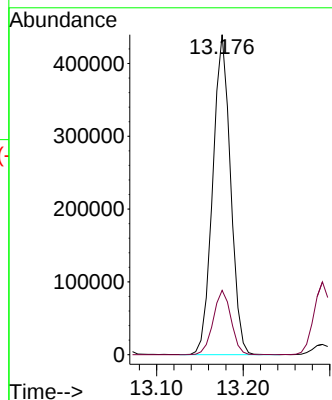
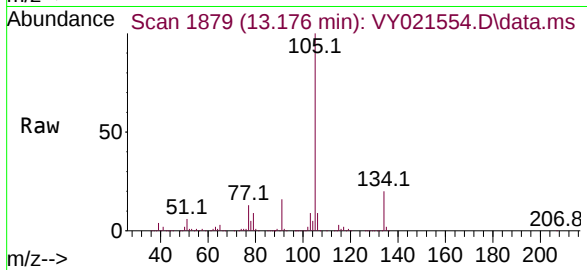
ClientSampleId :

Tgt Ion:105 Resp: 625655

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.061 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

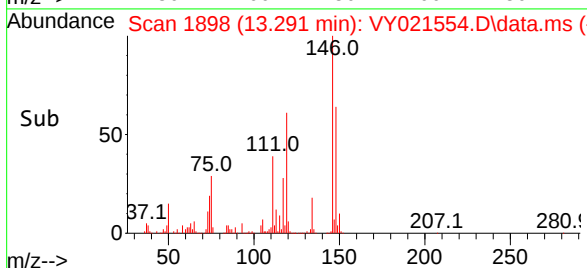
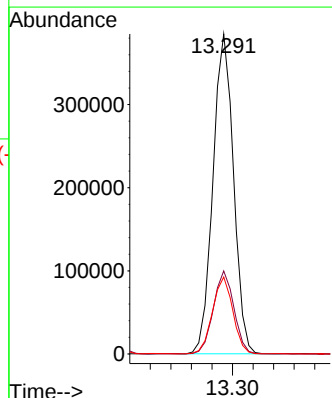
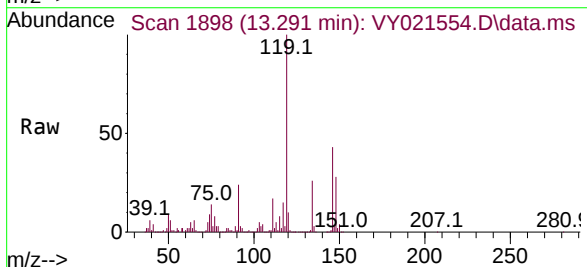
Tgt Ion:119 Resp: 532814

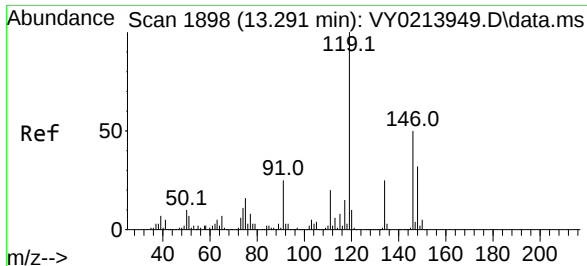
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.341 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

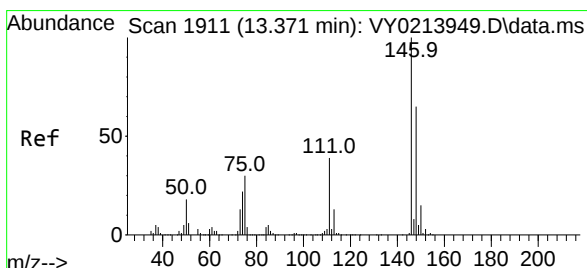
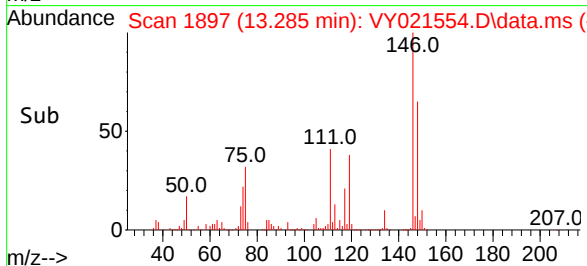
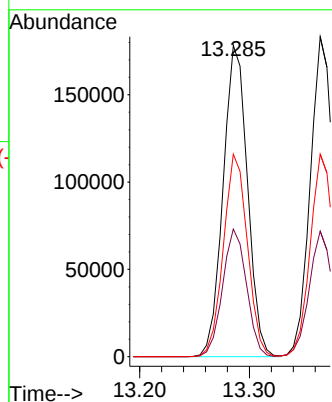
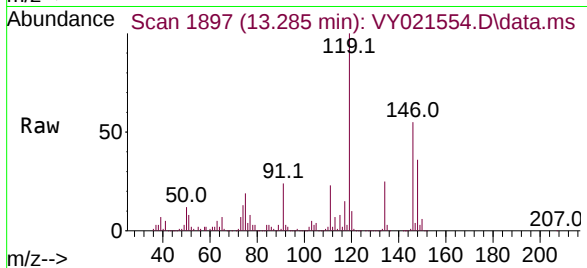
Tgt Ion:146 Resp: 275428

Ion Ratio Lower Upper

146 100

111 40.2 20.0 60.0

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.155 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

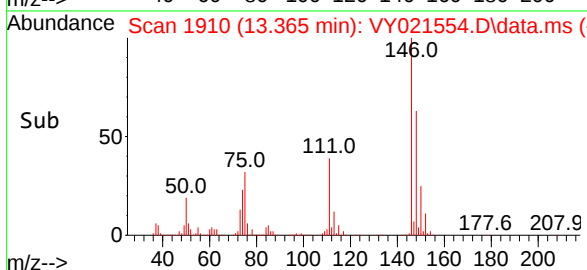
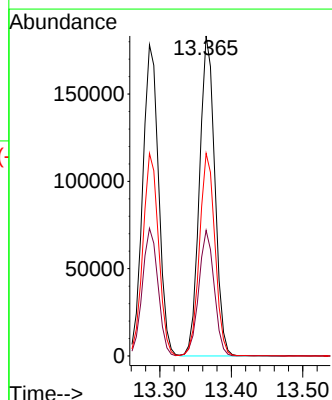
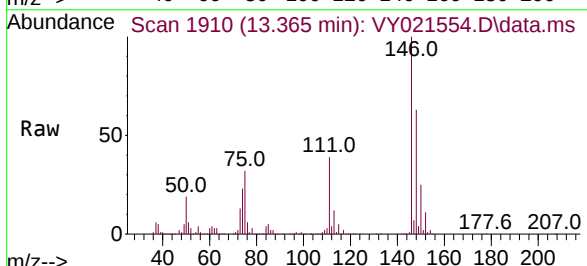
Tgt Ion:146 Resp: 273552

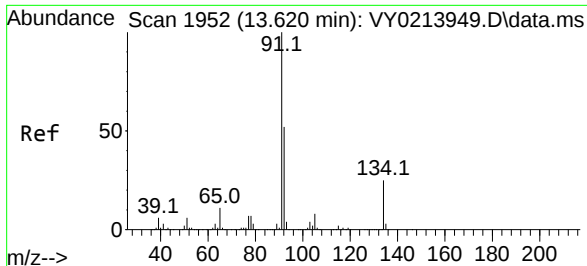
Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 52.202 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021554.D

Acq: 17 Mar 2025 16:40

Instrument :

MSVOA_Y

ClientSampleId :

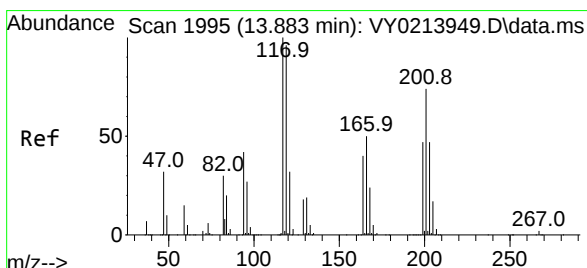
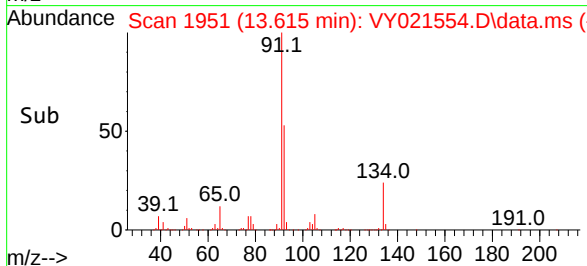
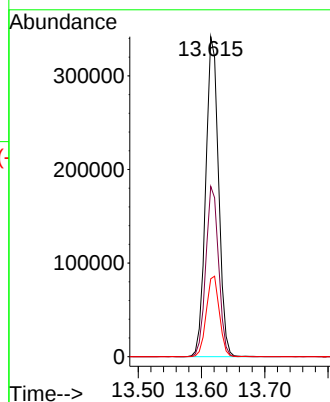
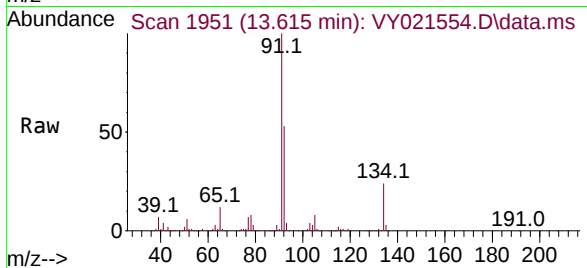
Tgt Ion: 91 Resp: 484033

Ion Ratio Lower Upper

91 100

92 53.0 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 50.690 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021554.D

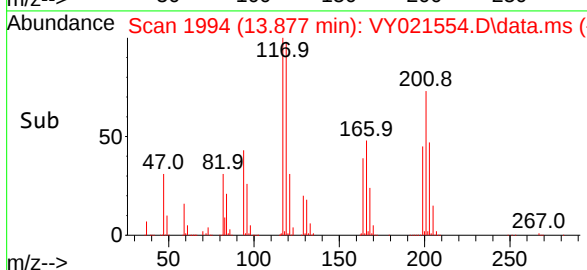
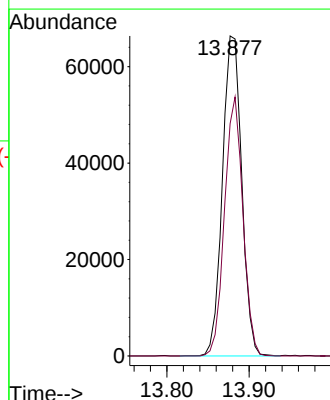
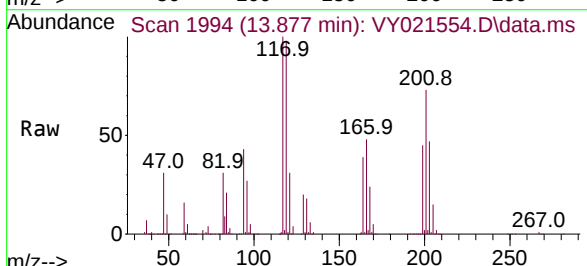
Acq: 17 Mar 2025 16:40

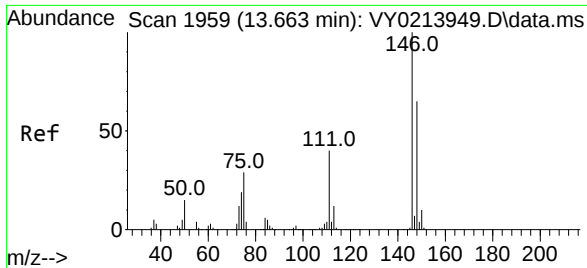
Tgt Ion: 117 Resp: 108587

Ion Ratio Lower Upper

117 100

201 77.0 37.4 112.2

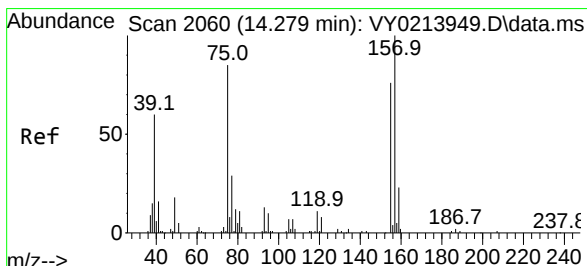
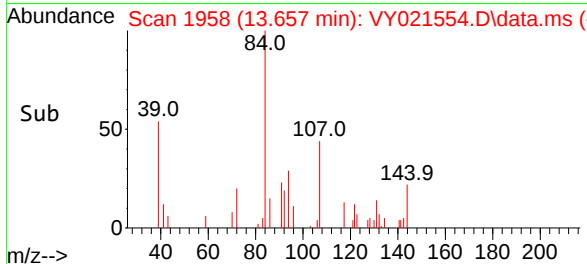
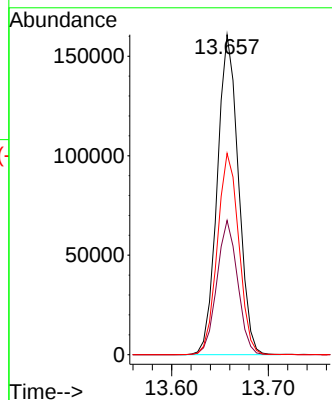
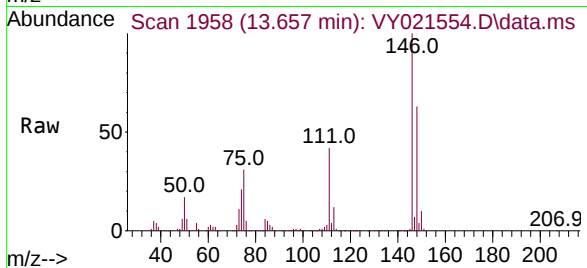




#91
 1,2-Dichlorobenzene
 Concen: 54.051 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

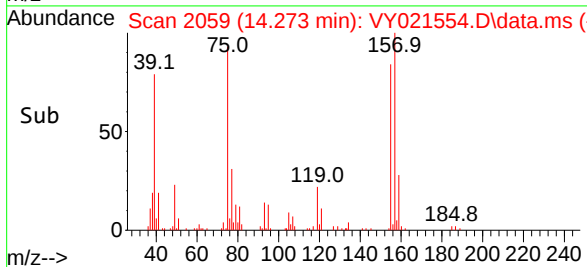
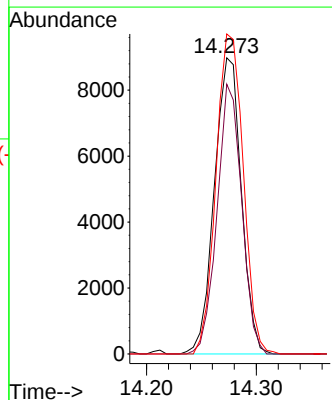
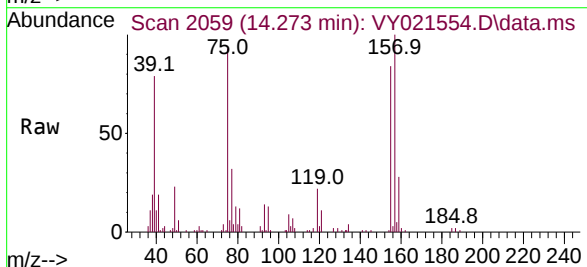
Instrument :
 MSVOA_Y
 ClientSampleId :

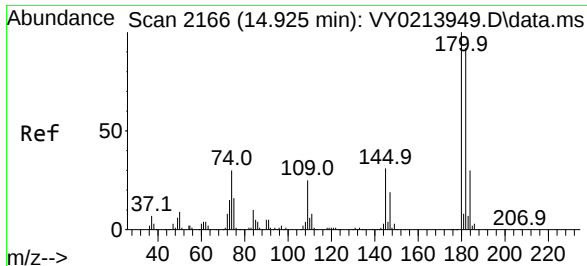
Tgt Ion:146 Resp: 243780
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.7 62.1
 148 63.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.333 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion: 75 Resp: 15333
 Ion Ratio Lower Upper
 75 100
 155 83.3 43.5 130.5
 157 109.2 54.4 163.2

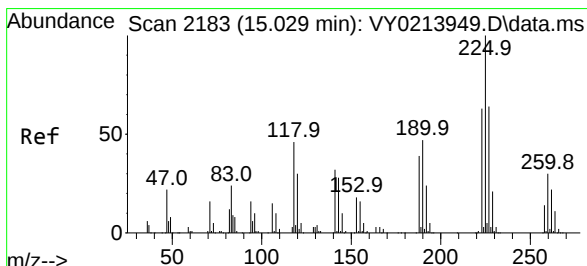
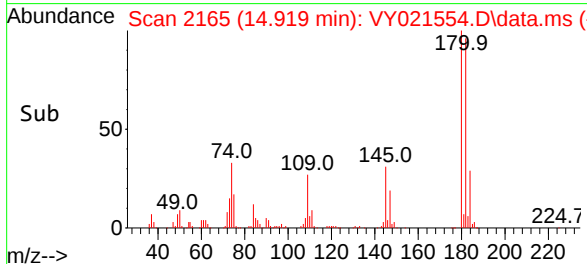
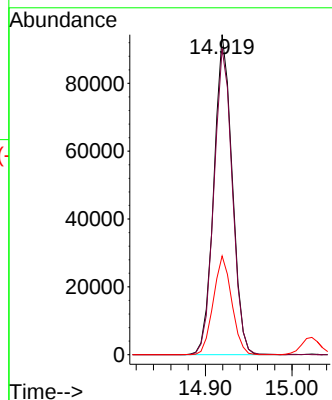
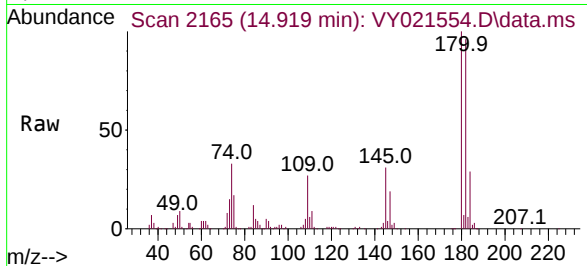




#93
 1,2,4-Trichlorobenzene
 Concen: 56.223 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

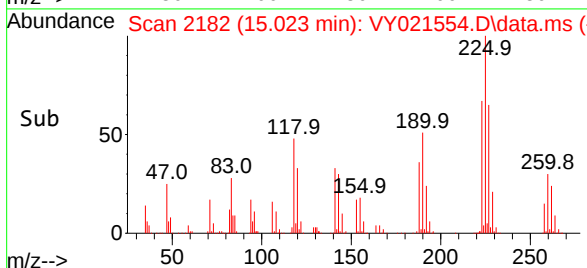
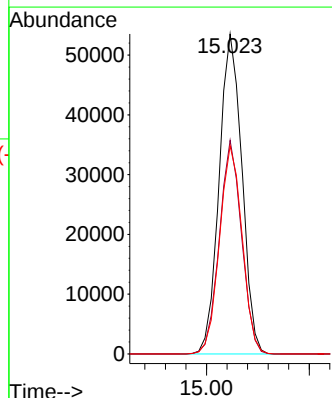
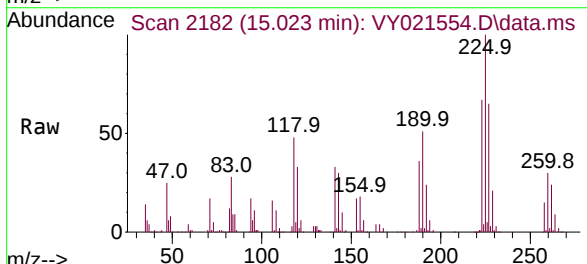
Instrument :
 MSVOA_Y
 ClientSampleId :

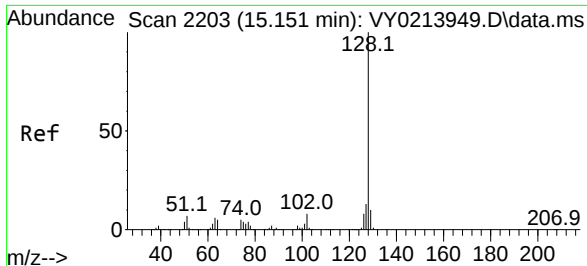
Tgt Ion:180 Resp: 138504
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.7 140.0
 145 30.9 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 53.277 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021554.D
 Acq: 17 Mar 2025 16:40

Tgt Ion:225 Resp: 82271
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.4 94.2
 227 64.5 31.8 95.4

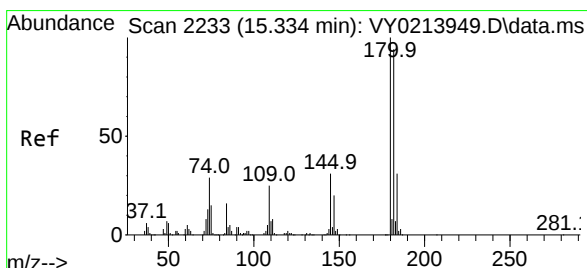
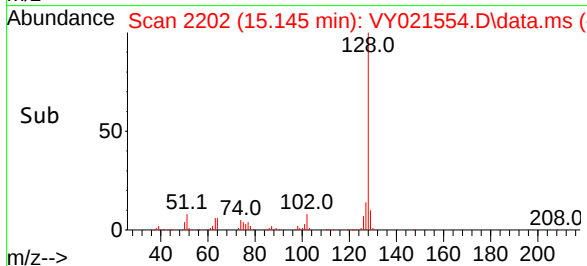
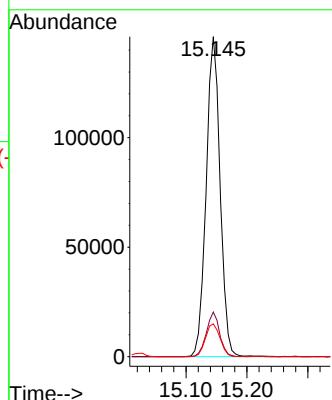
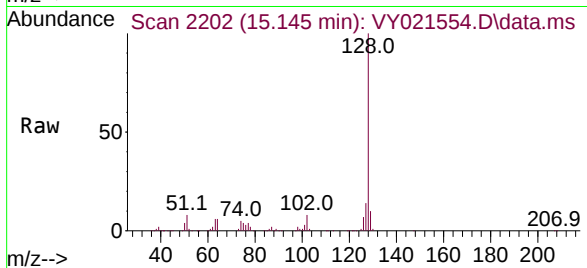




#95
Naphthalene
Concen: 55.092 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 232308
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.411 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021554.D
Acq: 17 Mar 2025 16:40

Tgt Ion:180 Resp: 118950
Ion Ratio Lower Upper
180 100
182 94.0 47.2 141.6
145 32.7 16.4 49.1

