

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021543.D
 Acq On : 17 Mar 2025 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:25:44 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	202760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	316994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117123	54.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.300%	
35) Dibromofluoromethane	7.628	113	113806	54.619	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.109	98	420713	53.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.408	95	143652	53.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78694	42.294	ug/l	99
3) Chloromethane	2.068	50	123688	47.150	ug/l	99
4) Vinyl Chloride	2.202	62	140113	48.876	ug/l	99
5) Bromomethane	2.592	94	99981	48.256	ug/l	96
6) Chloroethane	2.732	64	103009	54.374	ug/l	97
7) Trichlorofluoromethane	3.056	101	215620	53.888	ug/l	100
8) Diethyl Ether	3.452	74	53338	48.101	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	106834	46.765	ug/l	99
10) Methyl Iodide	4.007	142	124518	53.621	ug/l	99
11) Tert butyl alcohol	4.860	59	31658	224.948	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	97850	46.980	ug/l	99
13) Acrolein	3.647	56	4830	44.310	ug/l	96
14) Allyl chloride	4.385	41	167786	49.849	ug/l	99
15) Acrylonitrile	5.055	53	118882	251.849	ug/l	98
16) Acetone	3.866	43	136587	292.215	ug/l	93
17) Carbon Disulfide	4.104	76	299726	45.919	ug/l	99
18) Methyl Acetate	4.378	43	61046	58.861	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	261000	49.441	ug/l	98
20) Methylene Chloride	4.610	84	114800	46.789	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	115537	49.533	ug/l	98
22) Diisopropyl ether	6.018	45	373560	51.499	ug/l	97
23) Vinyl Acetate	5.957	43	1022573	247.011	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217791	50.872	ug/l	99
25) 2-Butanone	6.890	43	164512	254.434	ug/l	100
26) 2,2-Dichloropropane	6.884	77	194593	49.399	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	134048	50.587	ug/l	100
28) Bromochloromethane	7.244	49	93223	51.940	ug/l	99
29) Tetrahydrofuran	7.262	42	97254	243.642	ug/l	100
30) Chloroform	7.421	83	229797	51.691	ug/l	97
31) Cyclohexane	7.701	56	171004	42.606	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	200093	49.157	ug/l	99
36) 1,1-Dichloropropene	7.835	75	155070	47.545	ug/l	99
37) Ethyl Acetate	6.982	43	68986	47.855	ug/l	99
38) Carbon Tetrachloride	7.817	117	179817	47.938	ug/l	97
39) Methylcyclohexane	9.109	83	182137	45.526	ug/l	97
40) Benzene	8.079	78	479503	49.907	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	38219	48.691	ug/l	98
42) 1,2-Dichloroethane	8.158	62	134781	50.145	ug/l	100
43) Isopropyl Acetate	8.195	43	130651	46.687	ug/l #	88
44) Trichloroethene	8.865	130	122227	50.343	ug/l	96
45) 1,2-Dichloropropane	9.140	63	115016	50.298	ug/l	99
46) Dibromomethane	9.231	93	64119	50.395	ug/l	99
47) Bromodichloromethane	9.420	83	173717	51.412	ug/l	99
48) Methyl methacrylate	9.219	41	62651	48.754	ug/l	98
49) 1,4-Dioxane	9.231	88	12174	974.832	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	353932	245.121	ug/l	100
52) Toluene	10.170	92	307502	50.765	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	152295	51.159	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	180480	51.065	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	84781	50.940	ug/l	98
56) Ethyl methacrylate	10.438	69	108506	51.119	ug/l	98
57) 1,3-Dichloropropane	10.719	76	144738	50.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	260004	265.351	ug/l	99
59) 2-Hexanone	10.761	43	247738	259.480	ug/l	100
60) Dibromochloromethane	10.914	129	117860	51.655	ug/l	99
61) 1,2-Dibromoethane	11.018	107	78195	49.781	ug/l	100
64) Tetrachloroethene	10.646	164	126523	54.672	ug/l	98
65) Chlorobenzene	11.444	112	335773	49.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	118632	49.929	ug/l	99
67) Ethyl Benzene	11.517	91	579226	49.104	ug/l	99
68) m/p-Xylenes	11.627	106	449457	100.363	ug/l	99
69) o-Xylene	11.956	106	210292	50.951	ug/l	99
70) Styrene	11.969	104	354884	51.830	ug/l	100
71) Bromoform	12.133	173	67566	50.869	ug/l	100
73) Isopropylbenzene	12.255	105	549868	47.688	ug/l	99
74) N-amyl acetate	12.072	43	111196	44.405	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	92907	45.660	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	123726	83.881	ug/l #	100
77) Bromobenzene	12.536	156	131058	48.584	ug/l	97
78) n-propylbenzene	12.597	91	673747	48.113	ug/l	99
79) 2-Chlorotoluene	12.682	91	385124	48.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	456798	48.749	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30057	46.324	ug/l	98
82) 4-Chlorotoluene	12.779	91	405388	48.892	ug/l	100
83) tert-Butylbenzene	12.999	119	404180	48.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	455769	48.988	ug/l	99
85) sec-Butylbenzene	13.176	105	592299	47.622	ug/l	98
86) p-Isopropyltoluene	13.292	119	501218	48.916	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	258938	48.223	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	253569	48.286	ug/l	100
89) n-Butylbenzene	13.621	91	459452	48.559	ug/l	99
90) Hexachloroethane	13.883	117	102762	47.011	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	224133	48.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13772	45.184	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	124226	49.419	ug/l	99
94) Hexachlorobutadiene	15.023	225	78569	49.862	ug/l	99
95) Naphthalene	15.145	128	196640	46.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	102815	48.631	ug/l	97

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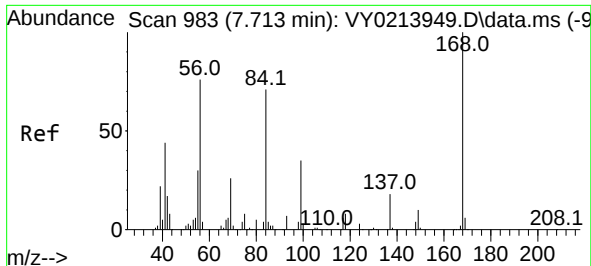
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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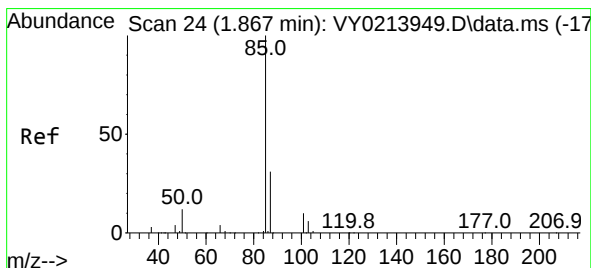
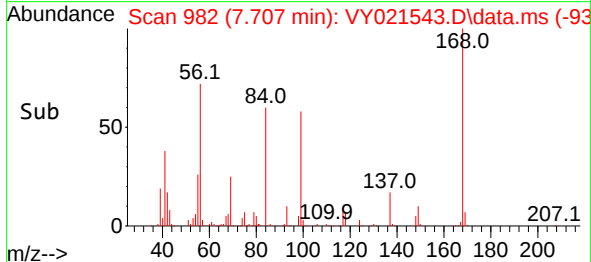
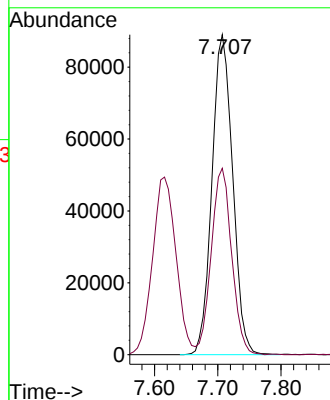
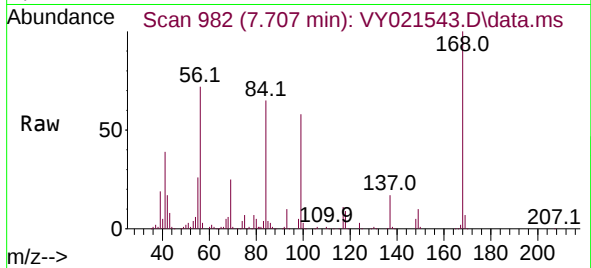




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021543.D
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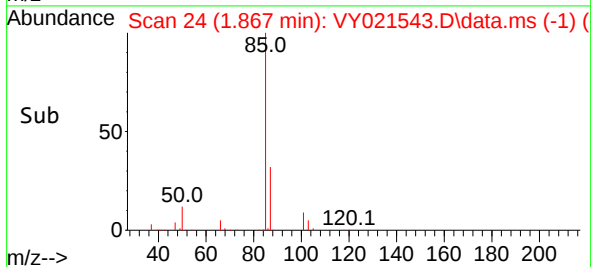
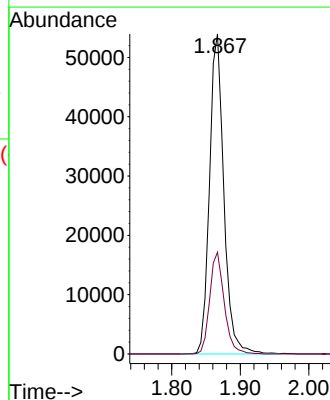
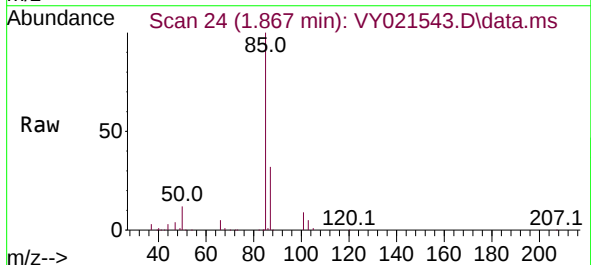
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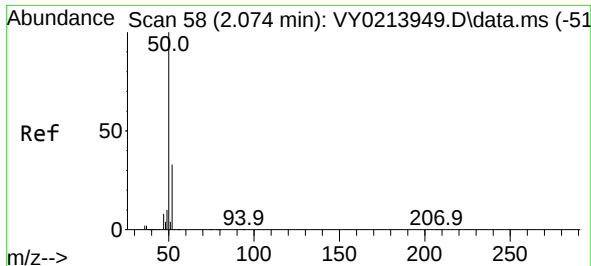
Tgt Ion:168 Resp: 202760
Ion Ratio Lower Upper
168 100
99 58.2 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 42.294 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 85 Resp: 78694
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

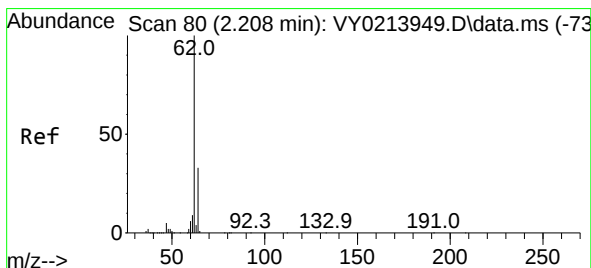
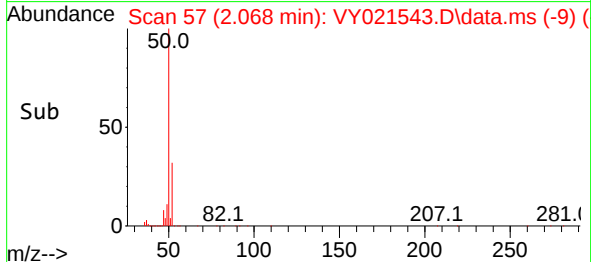
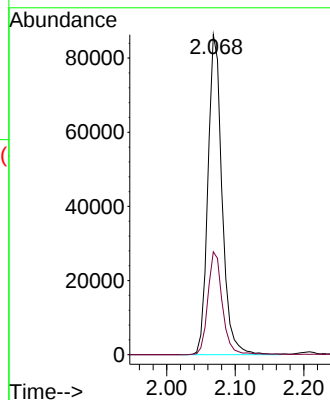
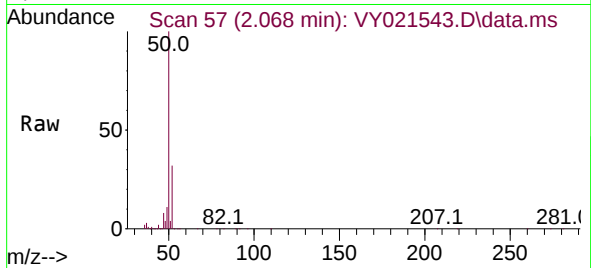




#3
Chloromethane
Concen: 47.150 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021543.D
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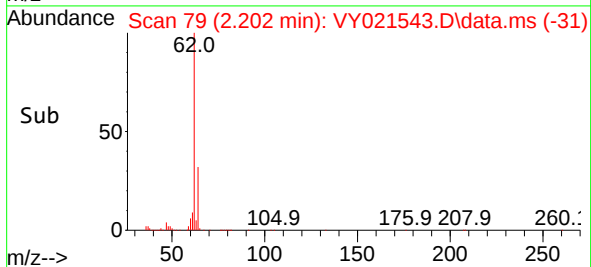
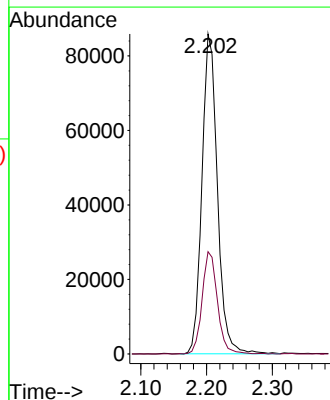
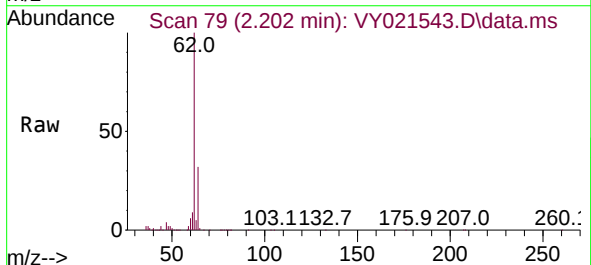
Instrument :
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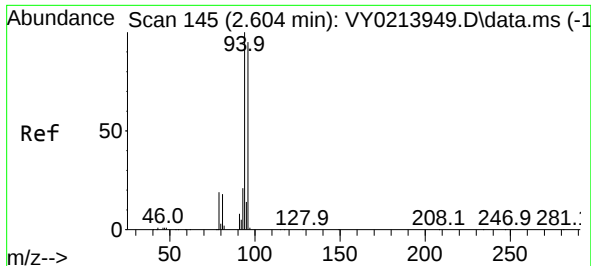
Tgt Ion: 50 Resp: 123688
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 48.876 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 62 Resp: 140113
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

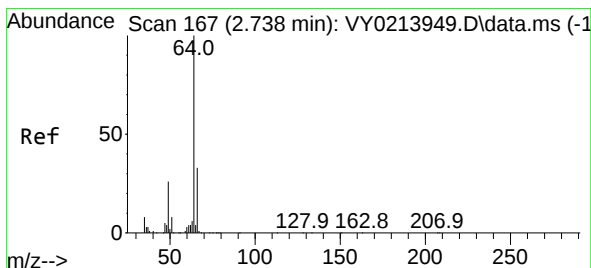
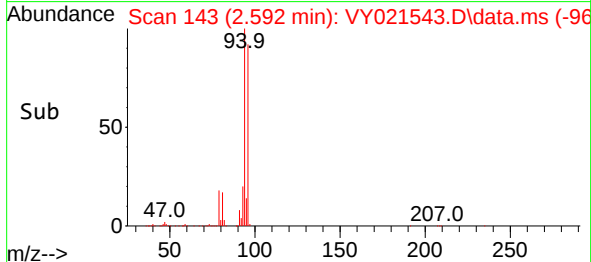
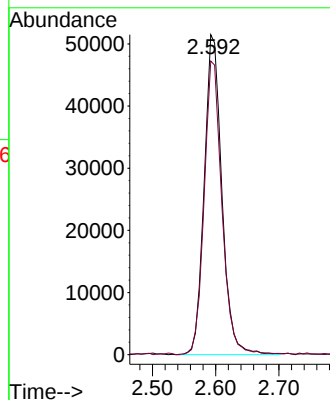
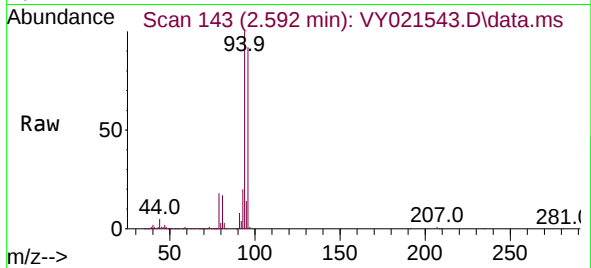




#5
Bromomethane
Concen: 48.256 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

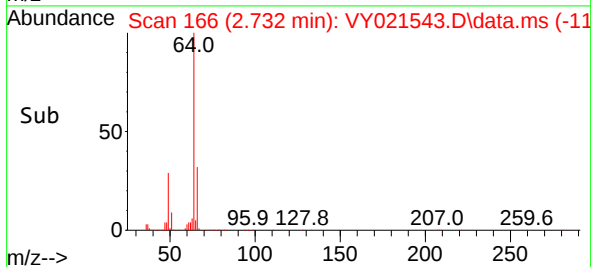
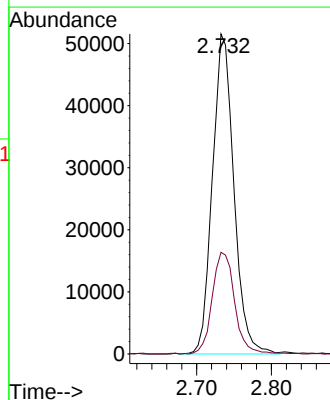
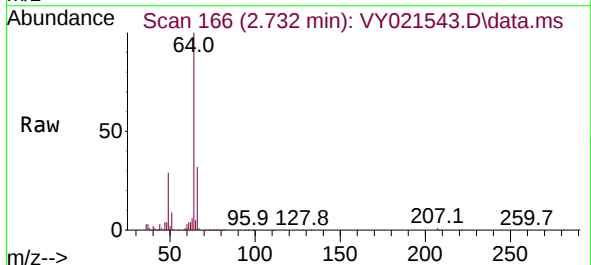
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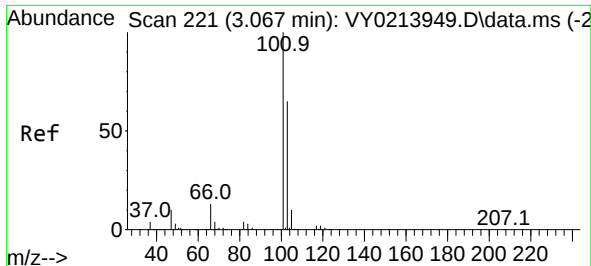
Tgt Ion: 94 Resp: 99981
Ion Ratio Lower Upper
94 100
96 91.6 76.3 114.5



#6
Chloroethane
Concen: 54.374 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 64 Resp: 103009
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1

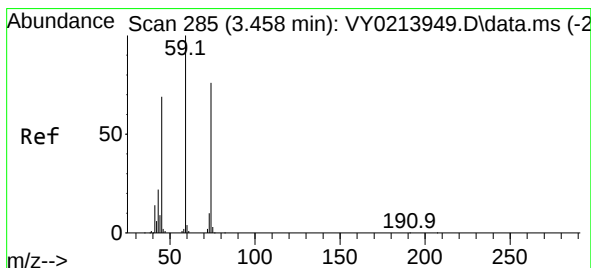
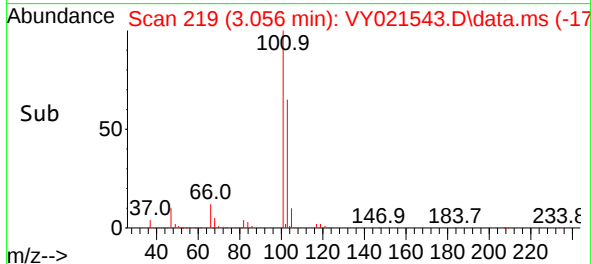
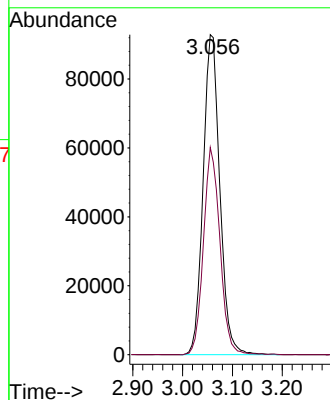
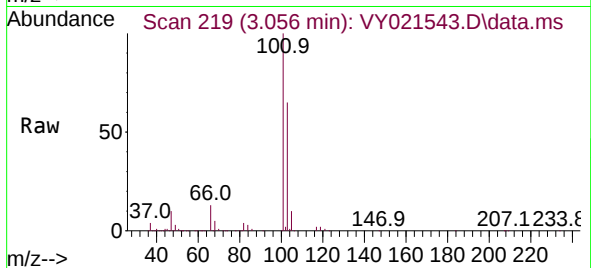




#7
Trichlorofluoromethane
Concen: 53.888 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021543.D
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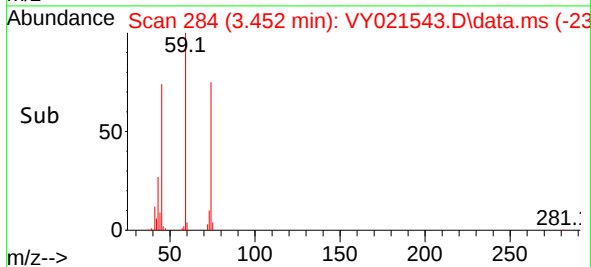
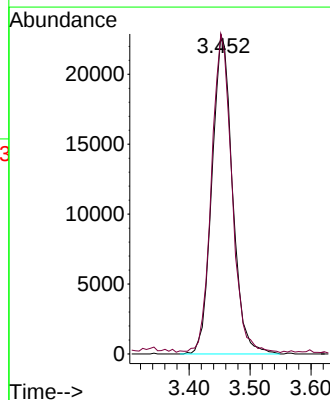
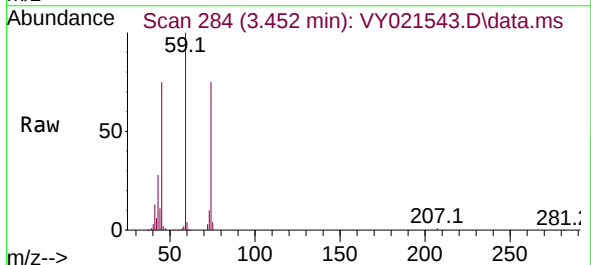
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 215620
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5



#8
Diethyl Ether
Concen: 48.101 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

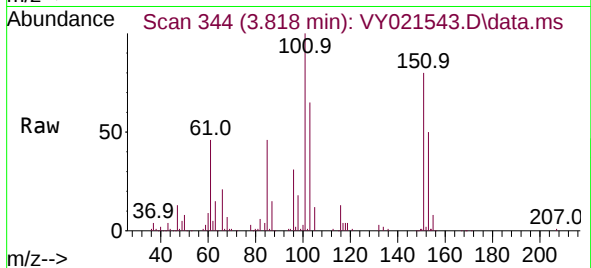
Tgt Ion: 74 Resp: 53338
Ion Ratio Lower Upper
74 100
45 99.3 49.7 149.1



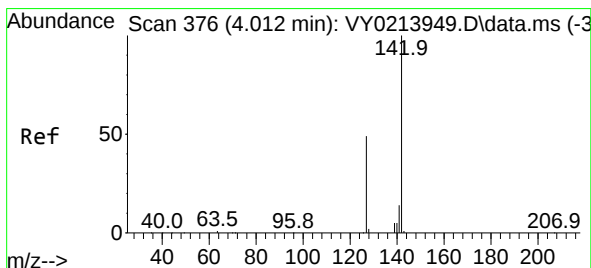
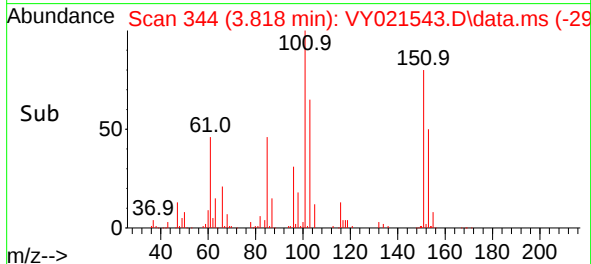
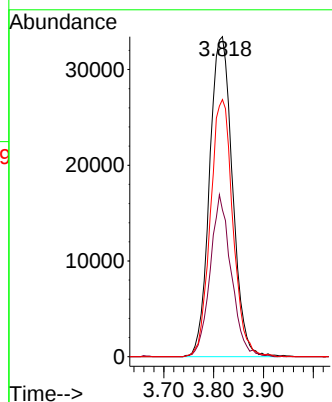


#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.765 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021543.D
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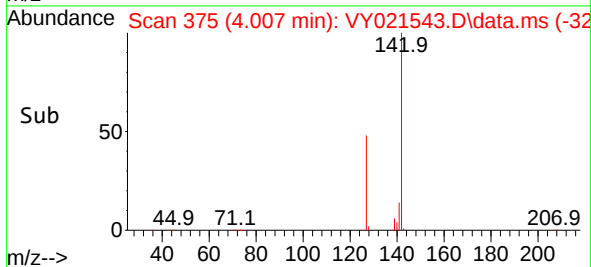
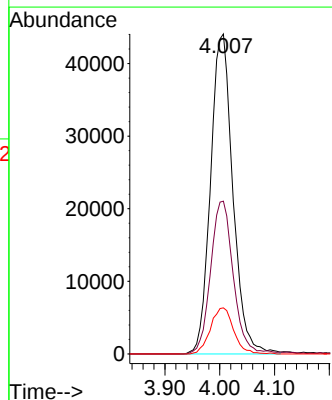
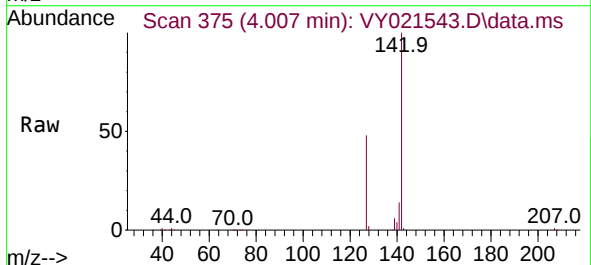


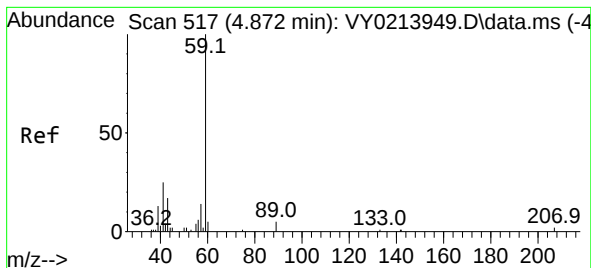
Tgt Ion:101 Resp: 106834
Ion Ratio Lower Upper
101 100
85 46.5 37.1 55.7
151 78.9 62.1 93.1



#10
Methyl Iodide
Concen: 53.621 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:142 Resp: 124518
Ion Ratio Lower Upper
142 100
127 48.6 39.1 58.7
141 15.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 224.948 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

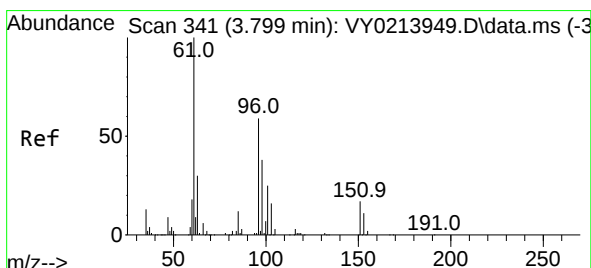
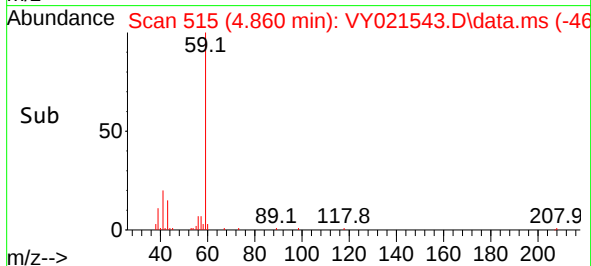
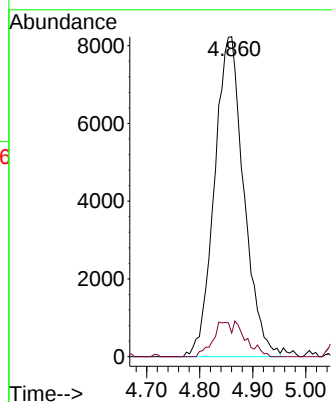
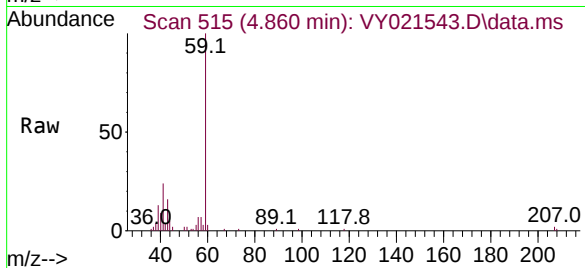
ClientSampleId :

Tgt Ion: 59 Resp: 31658

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 46.980 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

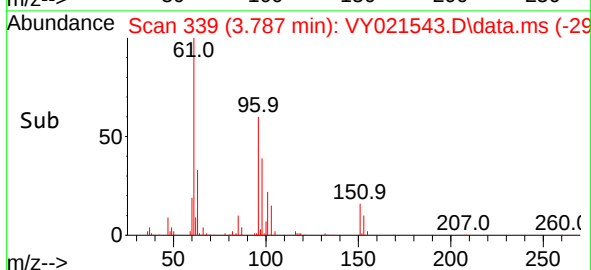
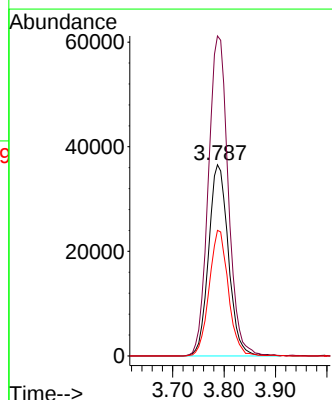
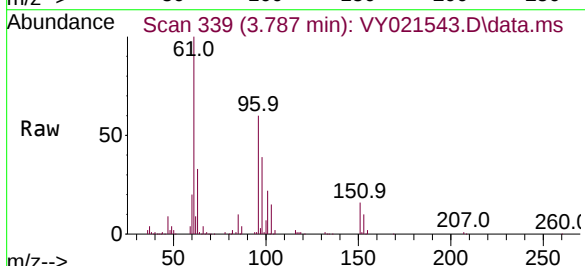
Tgt Ion: 96 Resp: 97850

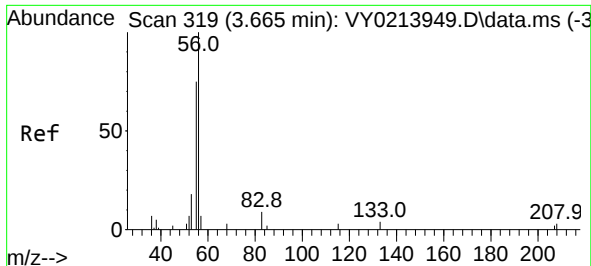
Ion Ratio Lower Upper

96 100

61 167.4 135.2 202.8

98 65.7 51.4 77.2

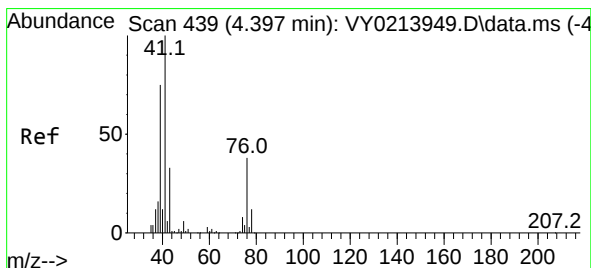
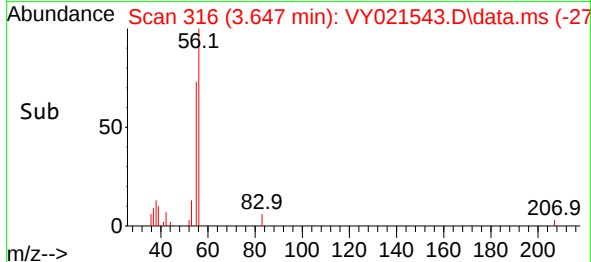
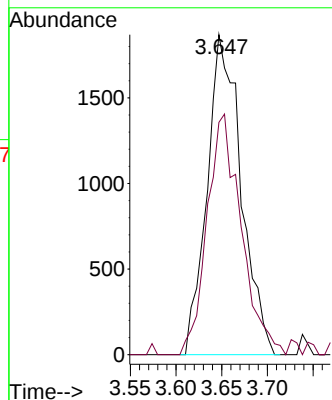
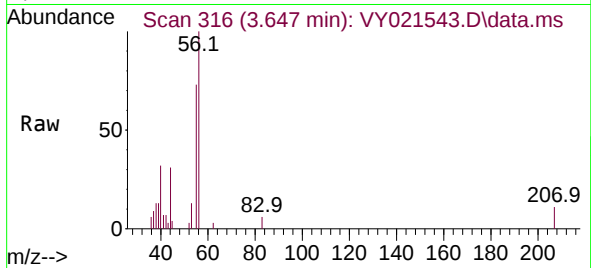




#13
Acrolein
Concen: 44.310 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

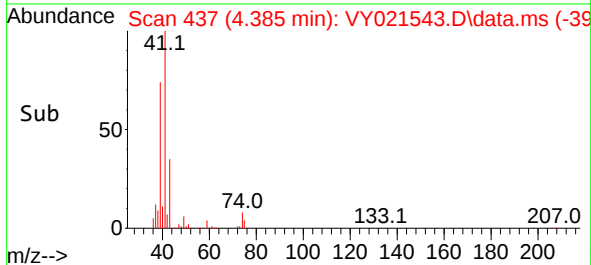
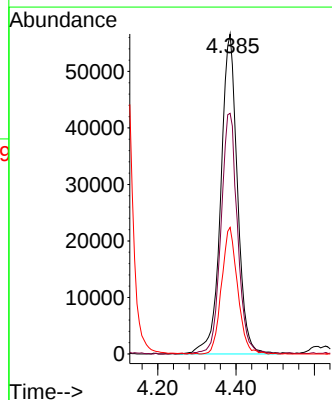
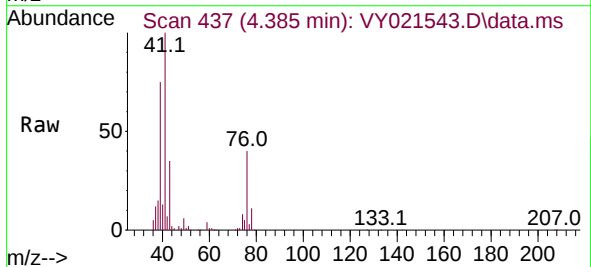
Instrument :
MSVOA_Y
ClientSampleId :

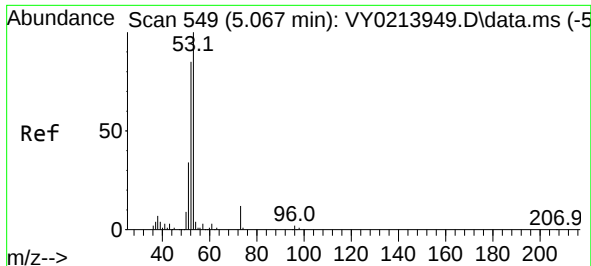
Tgt Ion: 56 Resp: 4830
Ion Ratio Lower Upper
56 100
55 75.4 63.4 95.2



#14
Allyl chloride
Concen: 49.849 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 41 Resp: 167786
Ion Ratio Lower Upper
41 100
39 74.6 59.3 88.9
76 38.0 29.8 44.8





#15

Acrylonitrile

Concen: 251.849 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

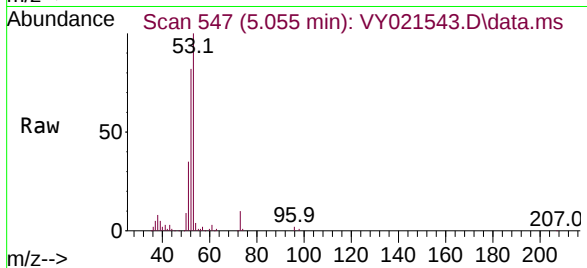
Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :



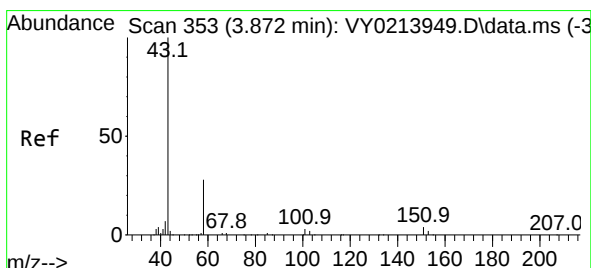
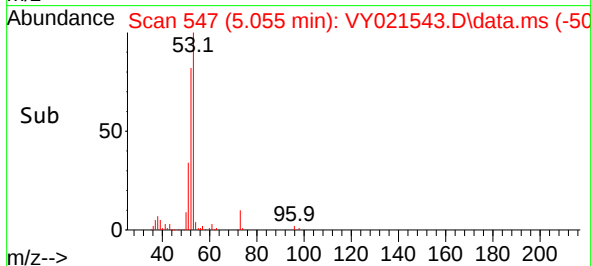
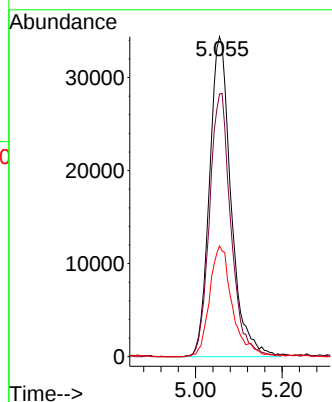
Tgt Ion: 53 Resp: 118882

Ion Ratio Lower Upper

53 100

52 81.6 66.3 99.5

51 36.6 30.3 45.5



#16

Acetone

Concen: 292.215 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY021543.D

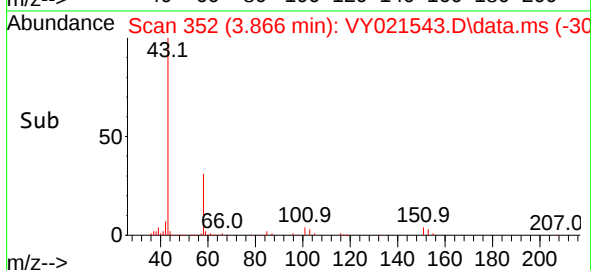
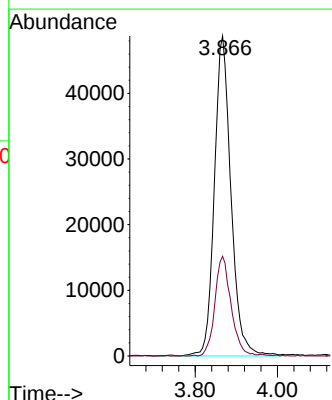
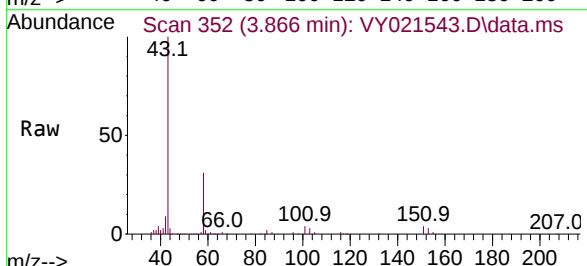
Acq: 17 Mar 2025 10:04

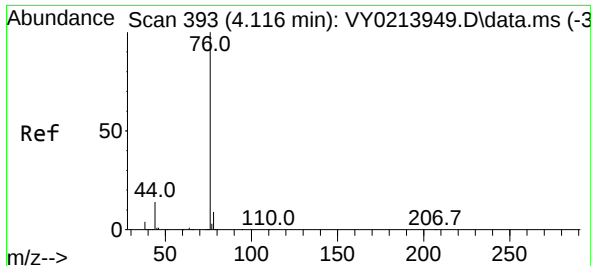
Tgt Ion: 43 Resp: 136587

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1

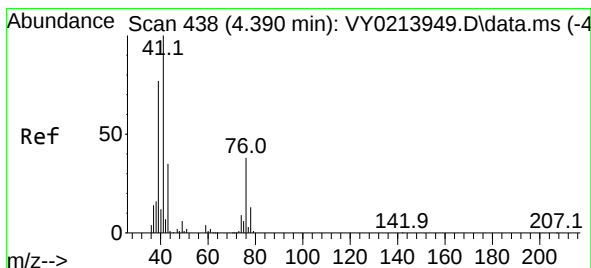
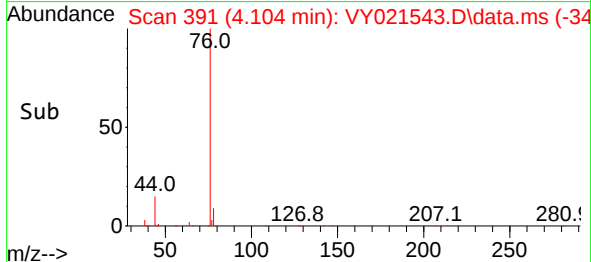
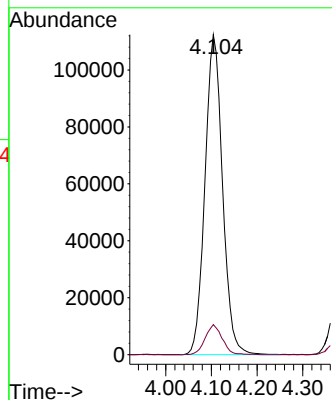
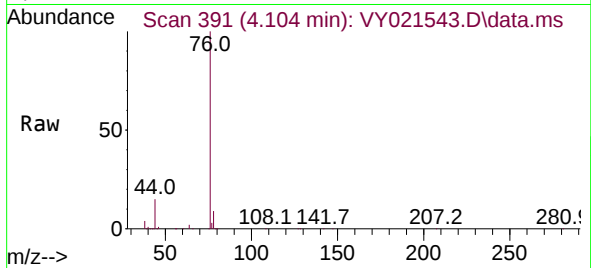




#17
Carbon Disulfide
Concen: 45.919 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

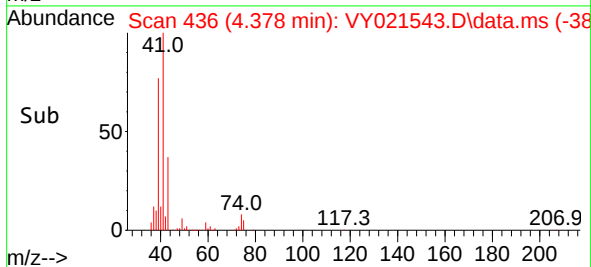
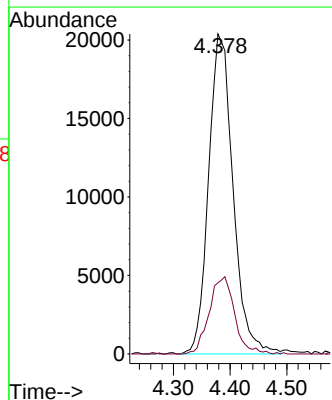
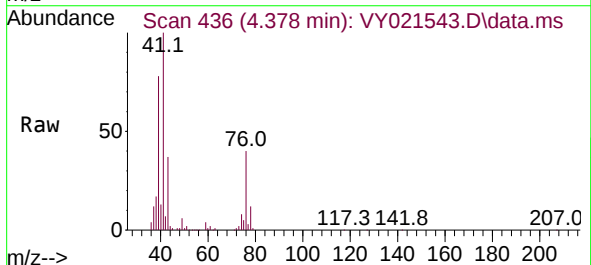
Instrument :
MSVOA_Y
ClientSampleId :

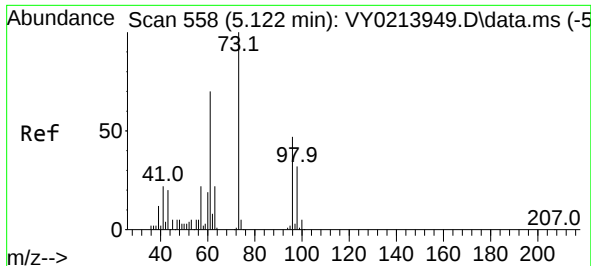
Tgt Ion: 76 Resp: 299726
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 58.861 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 43 Resp: 61046
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0

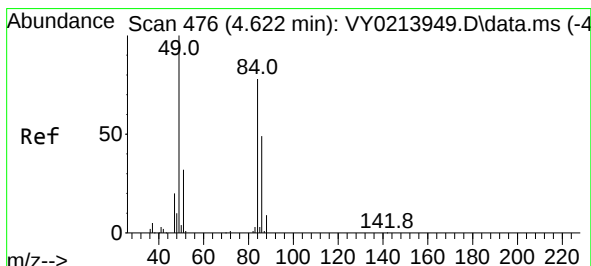
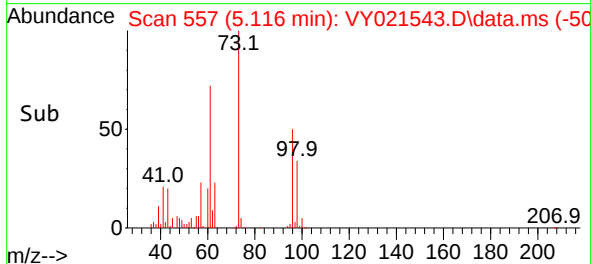
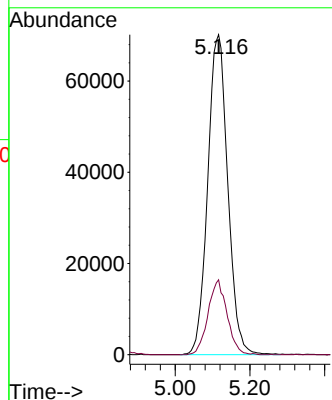
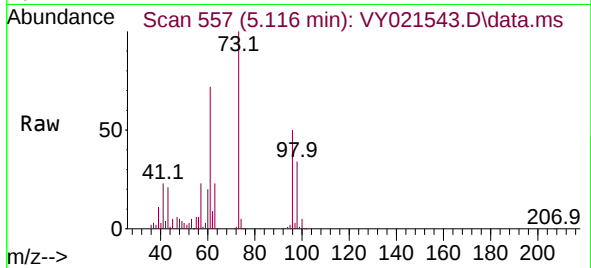




#19
Methyl tert-butyl Ether
Concen: 49.441 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

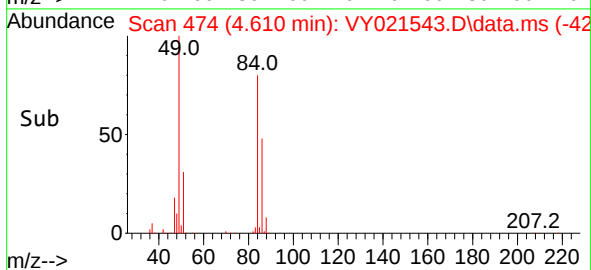
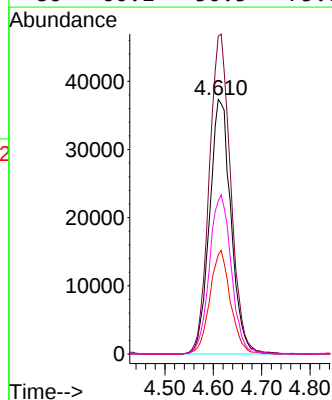
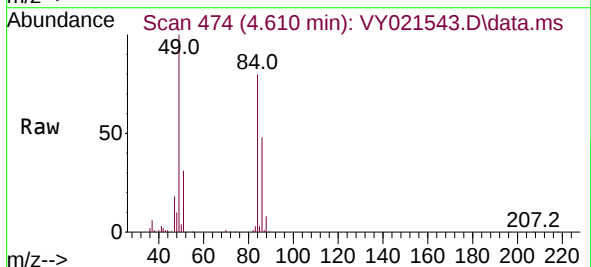
Instrument :
MSVOA_Y
ClientSampleId :

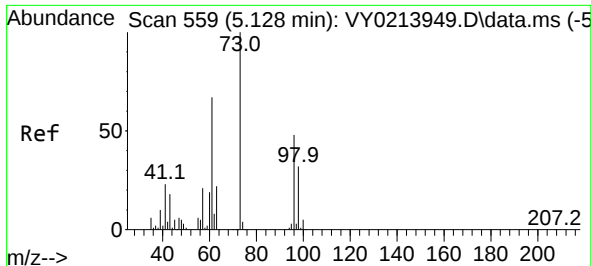
Tgt Ion: 73 Resp: 261000
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9



#20
Methylene Chloride
Concen: 46.789 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

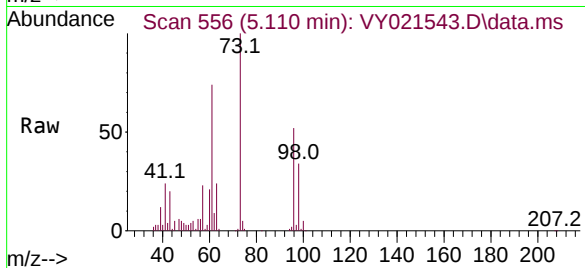
Tgt Ion: 84 Resp: 114800
Ion Ratio Lower Upper
84 100
49 124.9 102.0 153.0
51 39.0 33.0 49.6
86 60.1 50.5 75.7



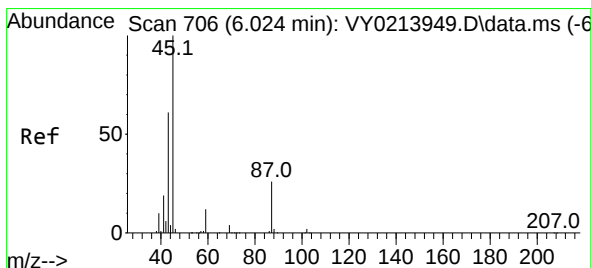
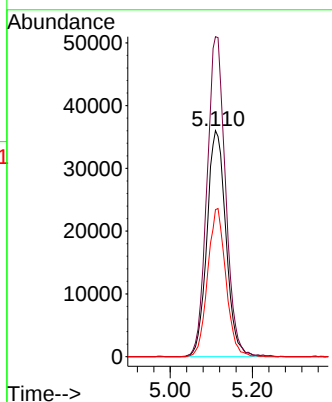
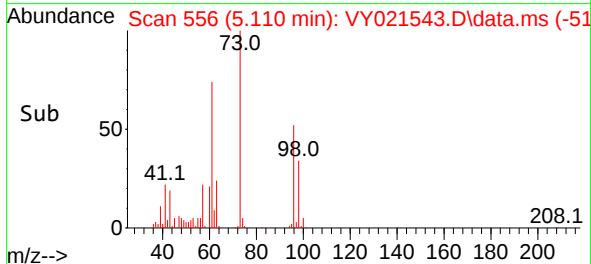


#21
trans-1,2-Dichloroethene
Concen: 49.533 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :

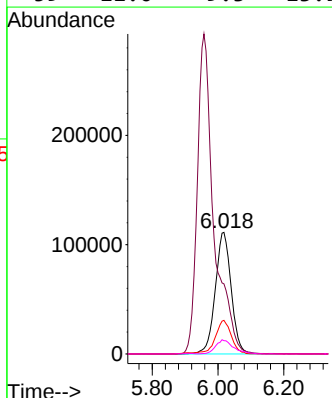
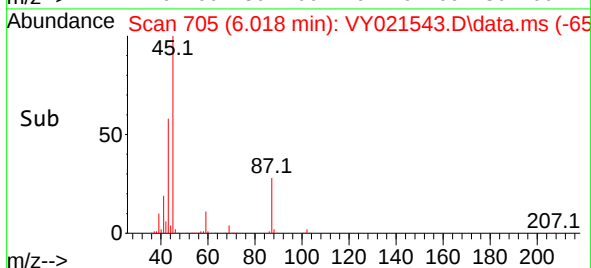
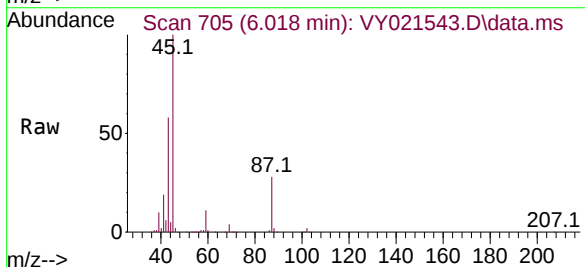


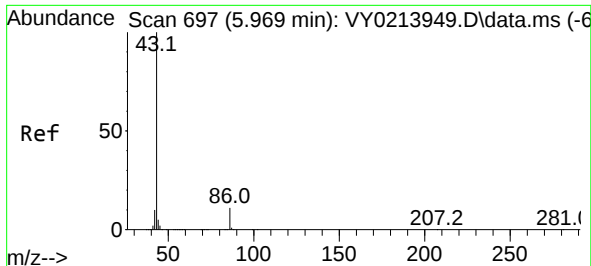
Tgt Ion: 96 Resp: 115537
Ion Ratio Lower Upper
96 100
61 141.5 111.5 167.3
98 65.0 53.8 80.8



#22
Diisopropyl ether
Concen: 51.499 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 45 Resp: 373560
Ion Ratio Lower Upper
45 100
43 57.6 48.7 73.1
87 27.6 21.5 32.3
59 11.0 9.3 13.9





#23

Vinyl Acetate

Concen: 247.011 ug/l

RT: 5.957 min Scan# 61

Delta R.T. -0.012 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

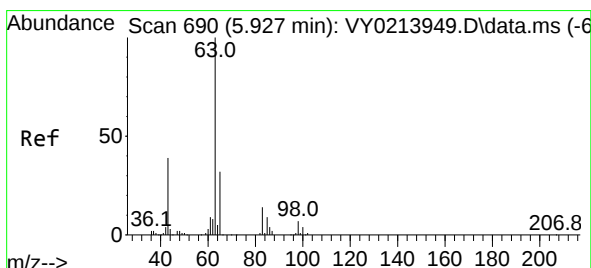
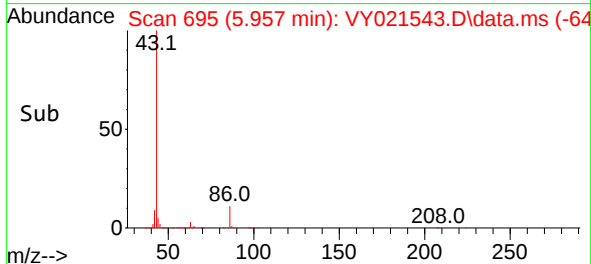
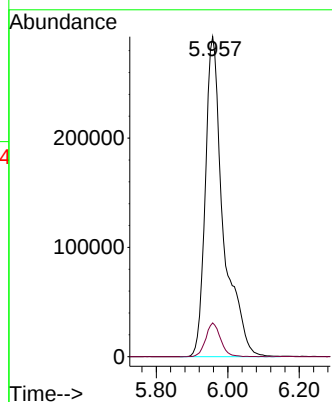
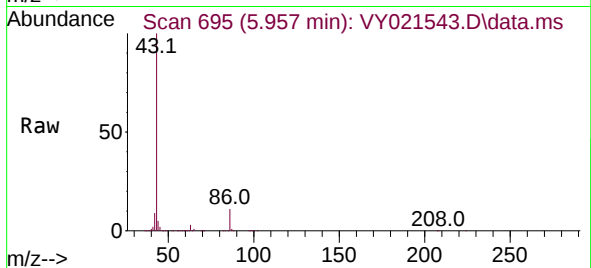
ClientSampleId :

Tgt Ion: 43 Resp: 1022573

Ion Ratio Lower Upper

43 100

86 10.6 8.5 12.7



#24

1,1-Dichloroethane

Concen: 50.872 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

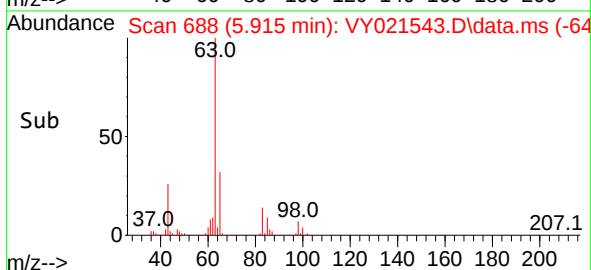
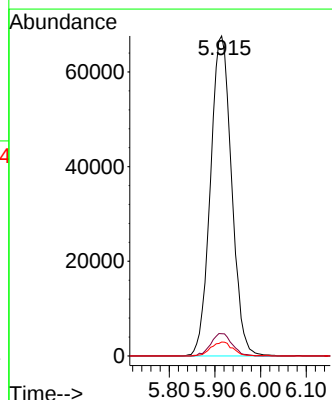
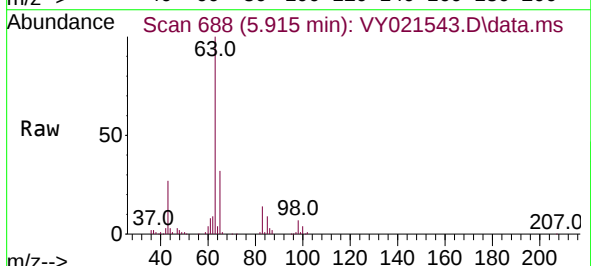
Tgt Ion: 63 Resp: 217791

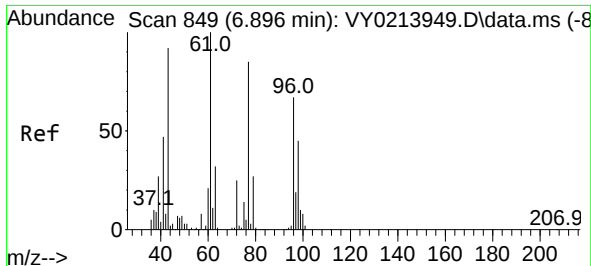
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 254.434 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

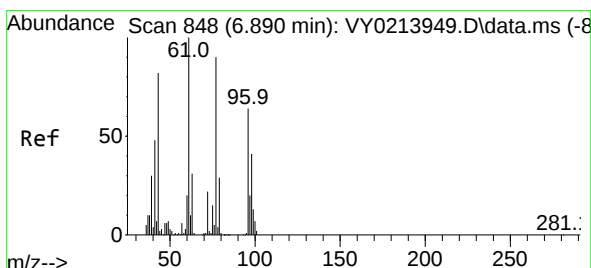
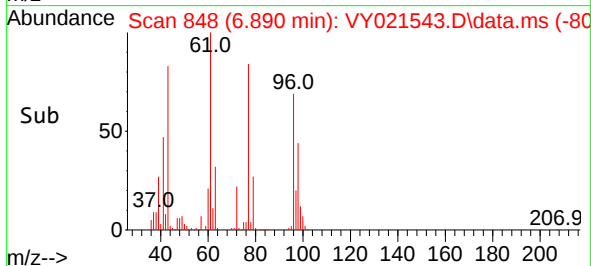
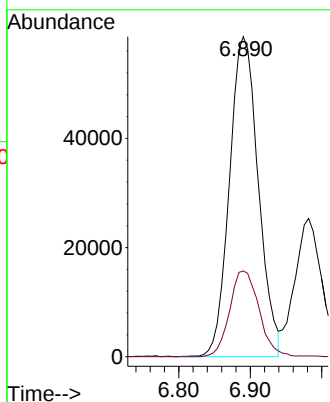
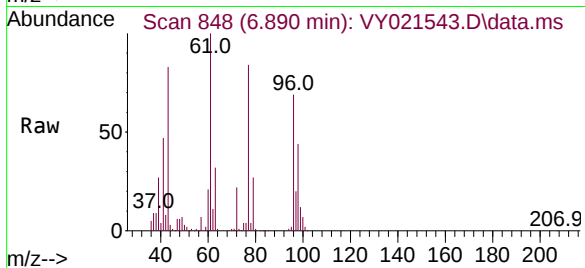
ClientSampleId :

Tgt Ion: 43 Resp: 164512

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.399 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021543.D

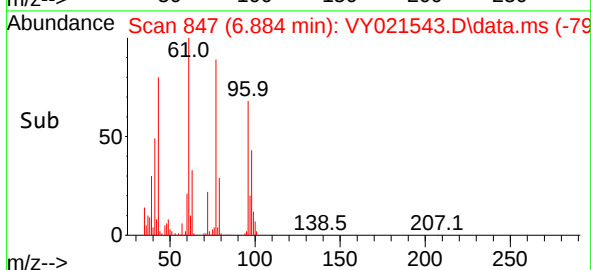
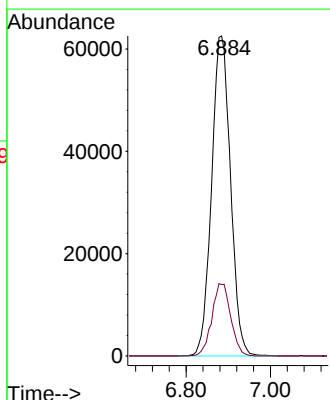
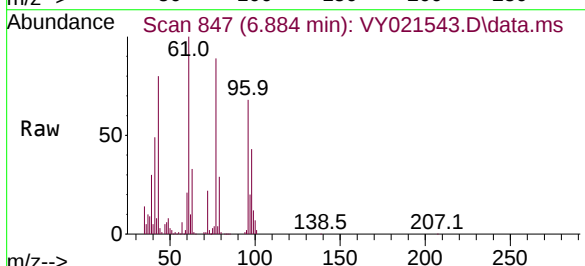
Acq: 17 Mar 2025 10:04

Tgt Ion: 77 Resp: 194593

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.587 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

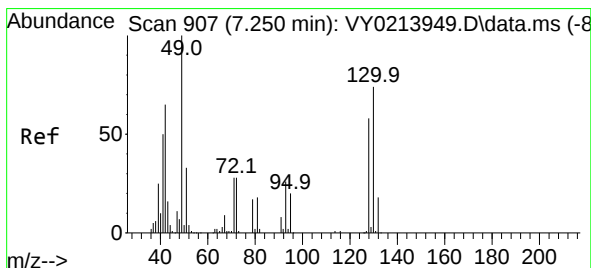
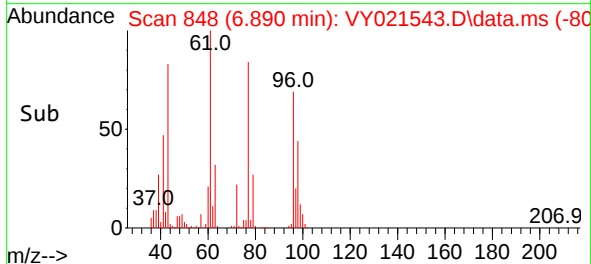
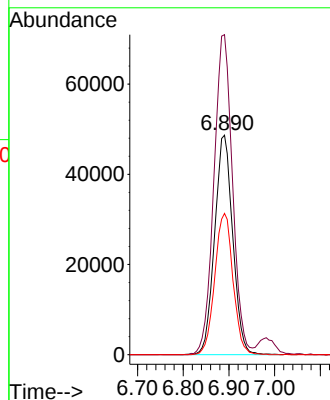
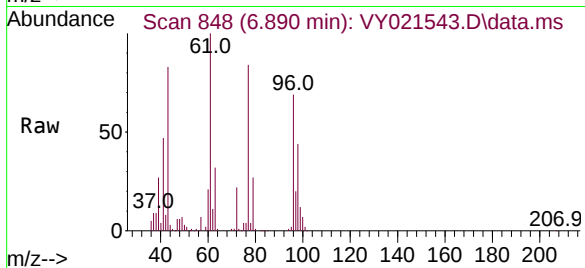
Tgt Ion: 96 Resp: 134048

Ion Ratio Lower Upper

96 100

61 149.8 0.0 300.8

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 51.940 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

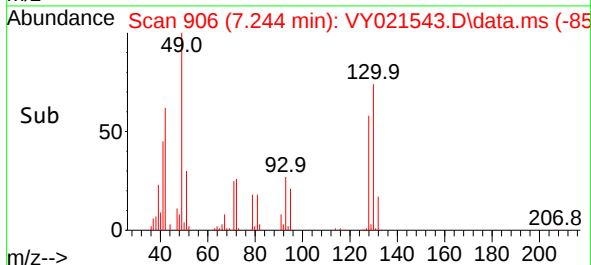
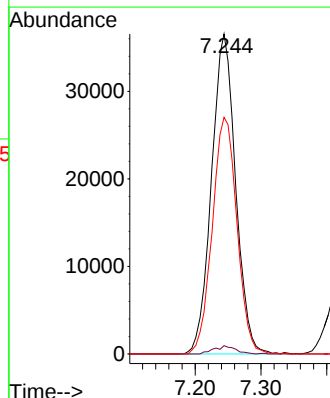
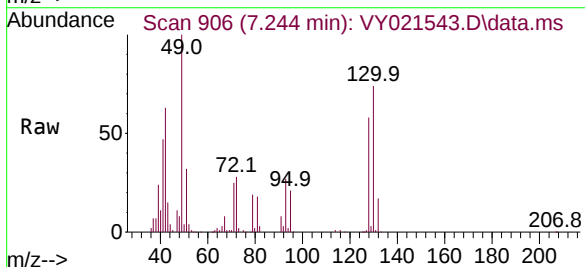
Tgt Ion: 49 Resp: 93223

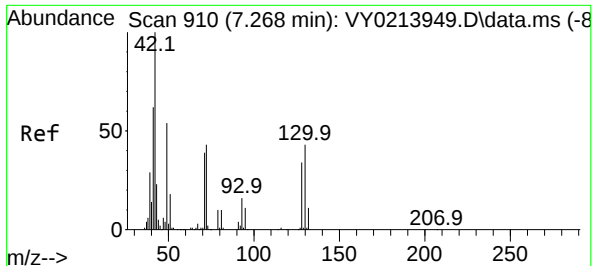
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 75.5 59.6 89.4





#29

Tetrahydrofuran

Concen: 243.642 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

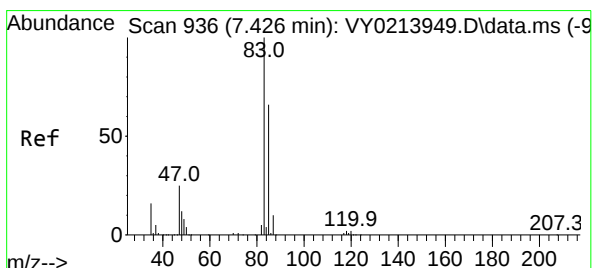
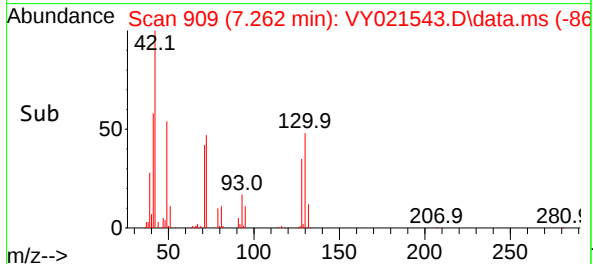
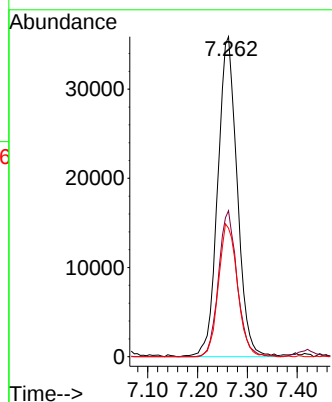
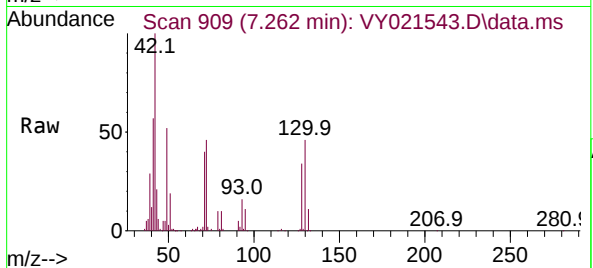
Tgt Ion: 42 Resp: 97254

Ion Ratio Lower Upper

42 100

72 43.8 34.8 52.2

71 40.6 32.6 48.8



#30

Chloroform

Concen: 51.691 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021543.D

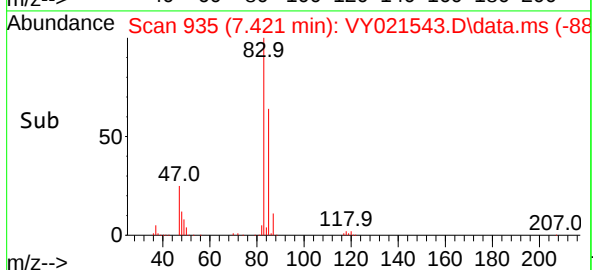
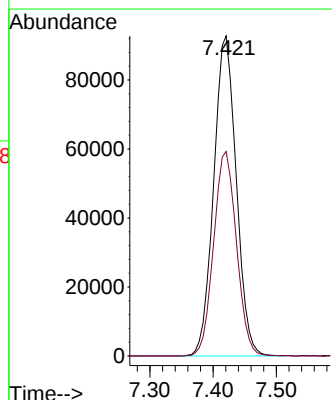
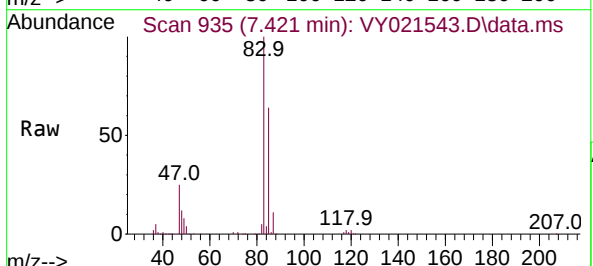
Acq: 17 Mar 2025 10:04

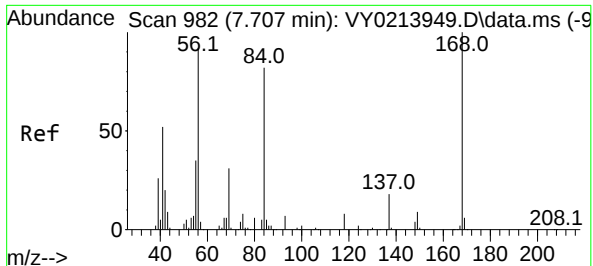
Tgt Ion: 83 Resp: 229797

Ion Ratio Lower Upper

83 100

85 63.9 53.1 79.7





#31

Cyclohexane

Concen: 42.606 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

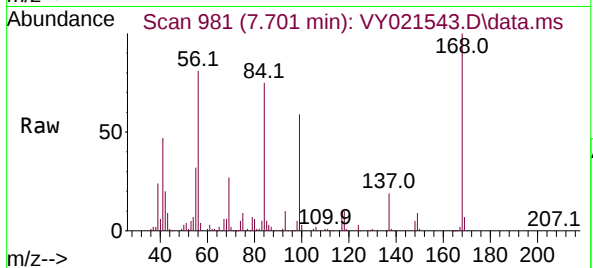
Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :



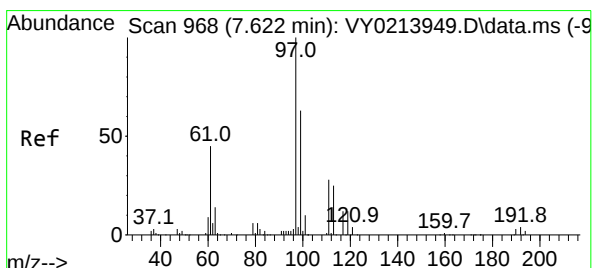
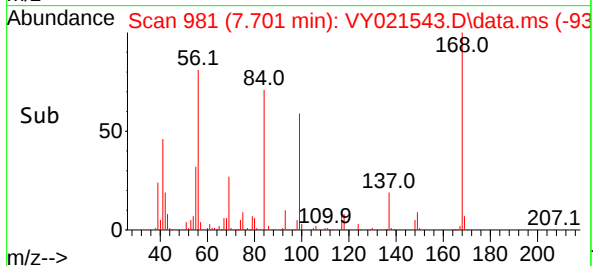
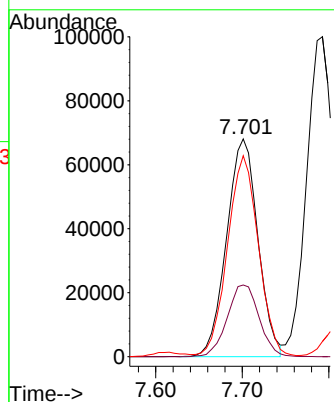
Tgt Ion: 56 Resp: 171004

Ion Ratio Lower Upper

56 100

69 33.0 27.0 40.4

84 91.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 49.157 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

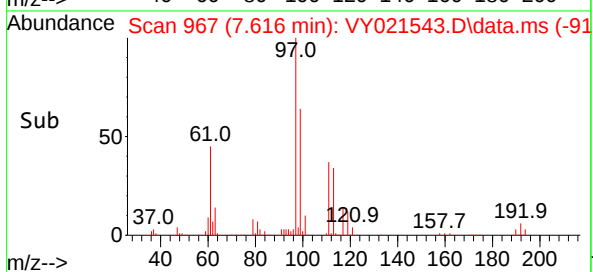
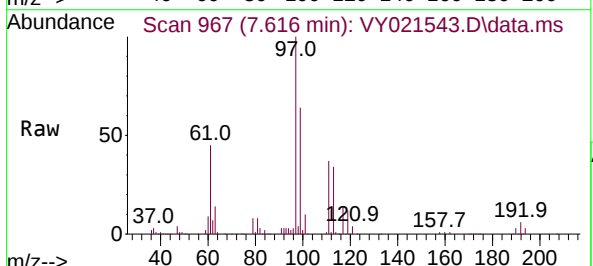
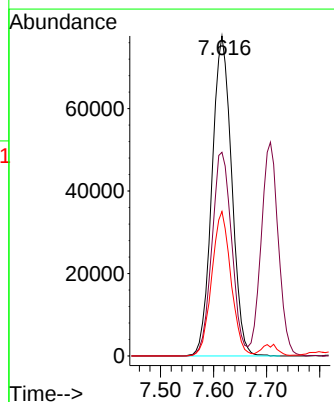
Tgt Ion: 97 Resp: 200093

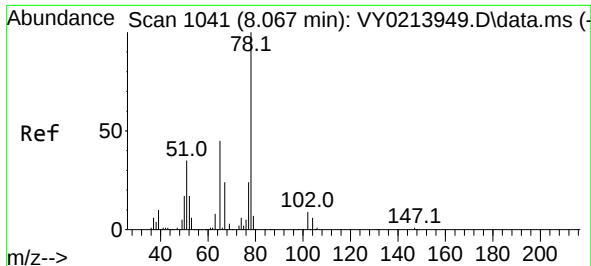
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 44.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.652 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

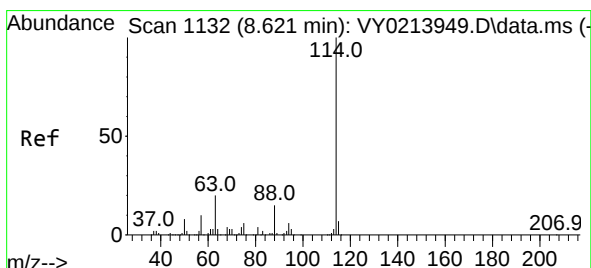
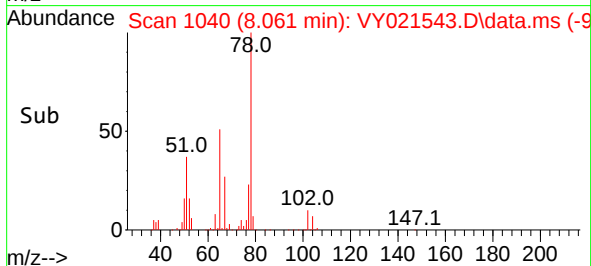
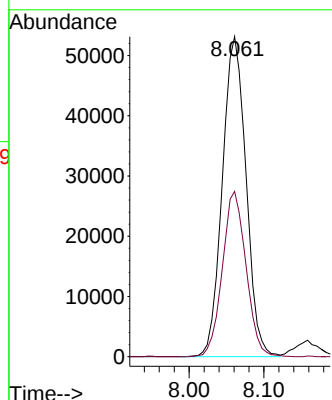
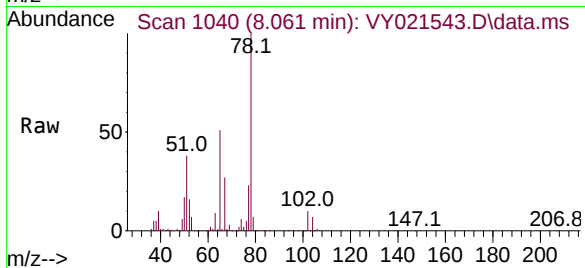
ClientSampleId :

Tgt Ion: 65 Resp: 117123

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021543.D

Acq: 17 Mar 2025 10:04

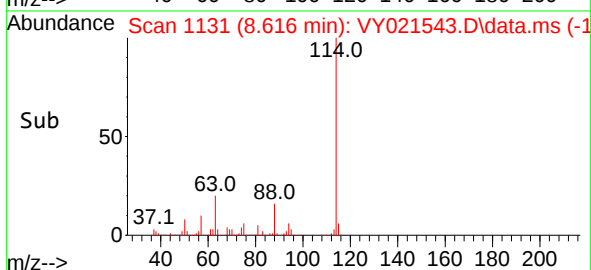
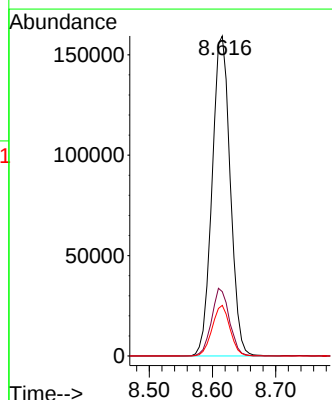
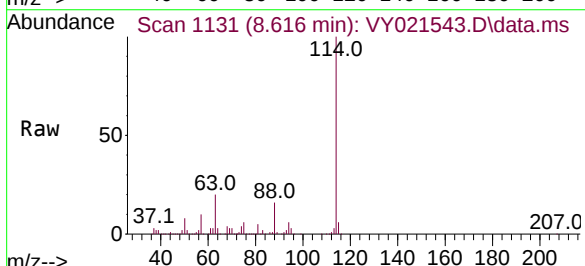
Tgt Ion: 114 Resp: 316994

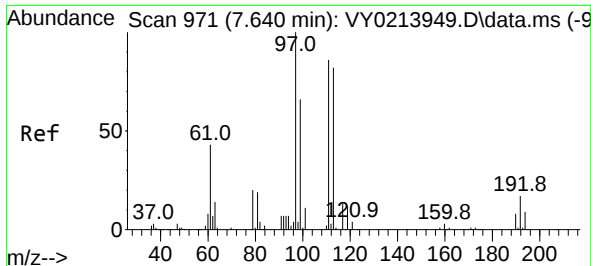
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.619 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

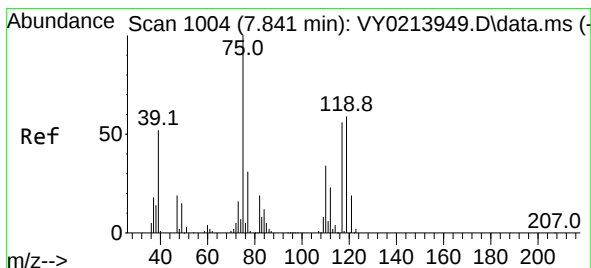
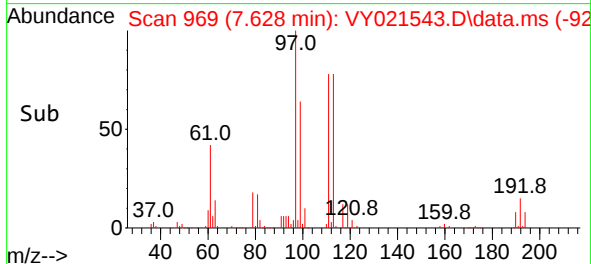
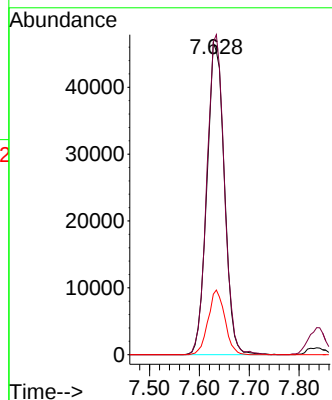
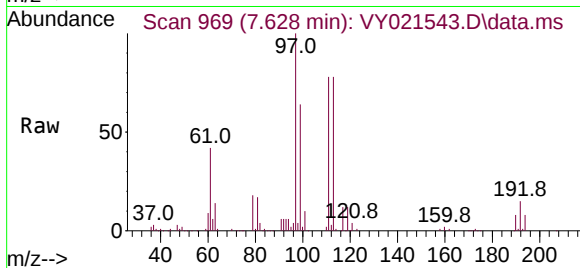
Tgt Ion:113 Resp: 113806

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.545 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

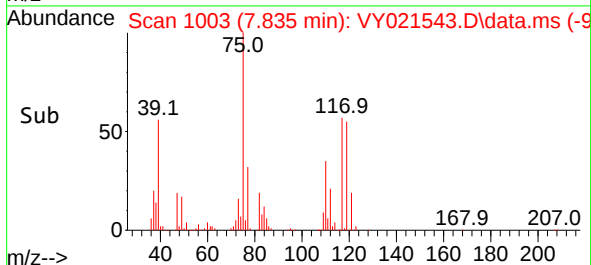
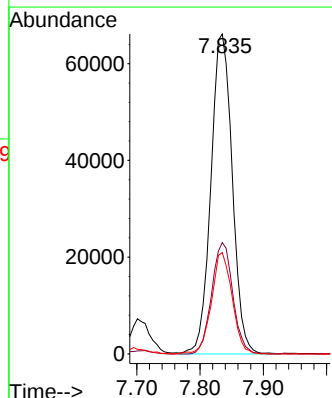
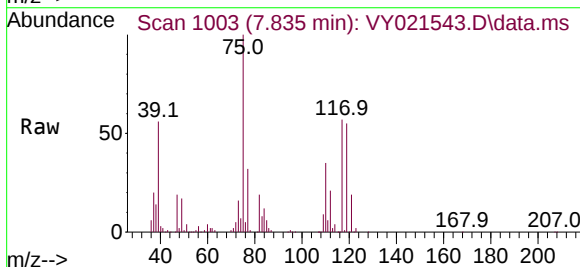
Tgt Ion: 75 Resp: 155070

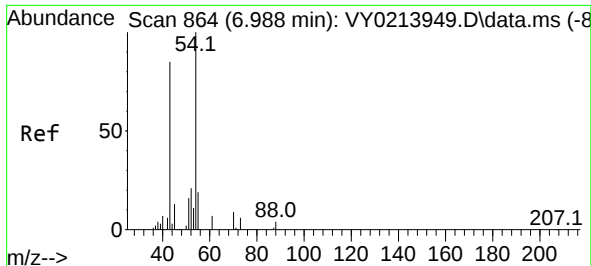
Ion Ratio Lower Upper

75 100

110 34.4 17.3 51.7

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 47.855 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

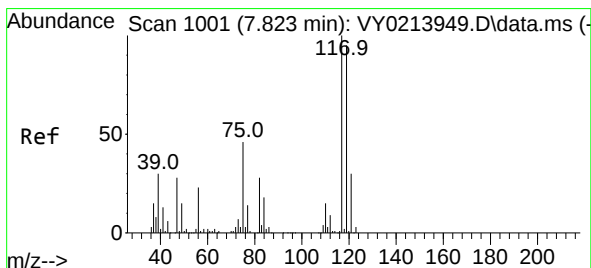
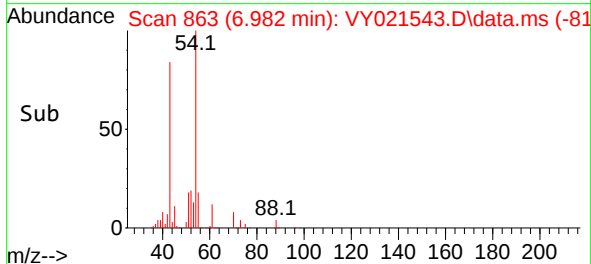
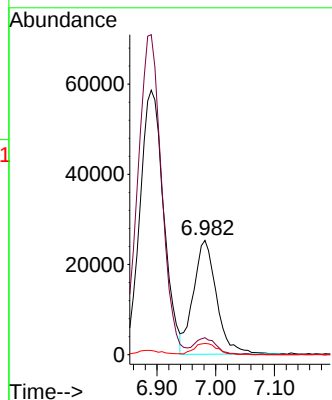
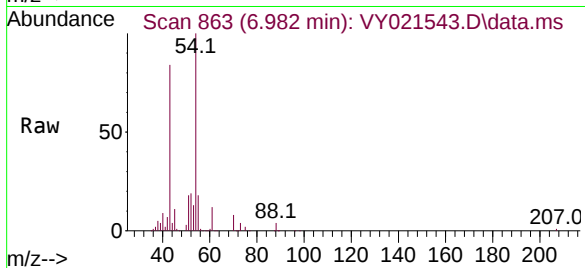
Tgt Ion: 43 Resp: 68986

Ion Ratio Lower Upper

43 100

61 13.4 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 47.938 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

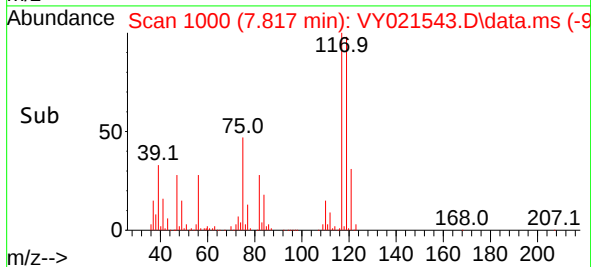
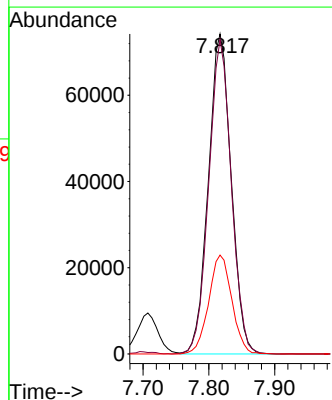
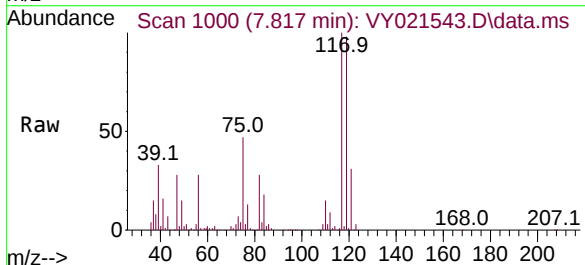
Tgt Ion: 117 Resp: 179817

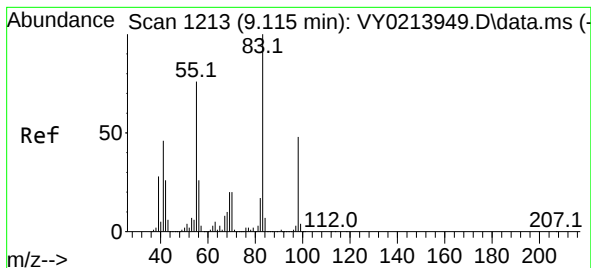
Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.8

121 30.9 23.9 35.9

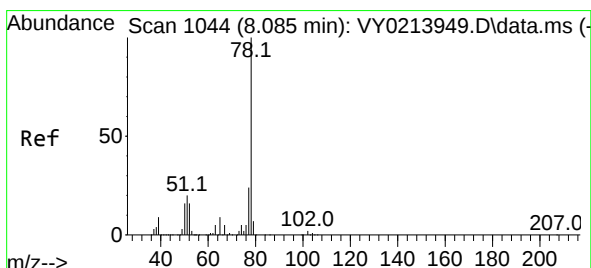
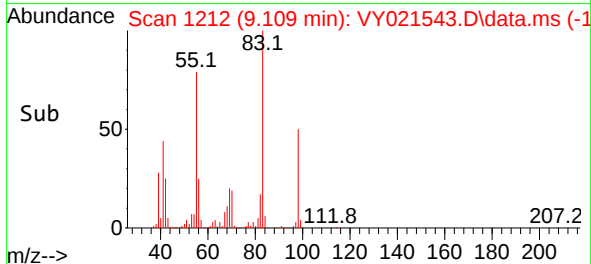
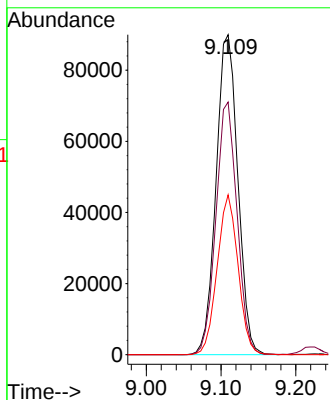
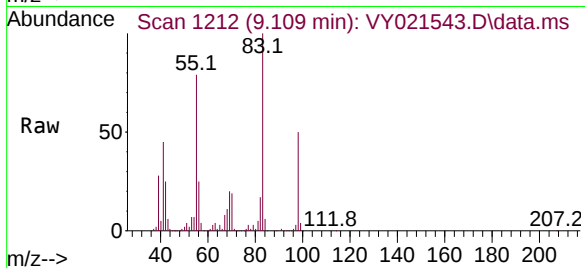




#39
Methylcyclohexane
Concen: 45.526 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

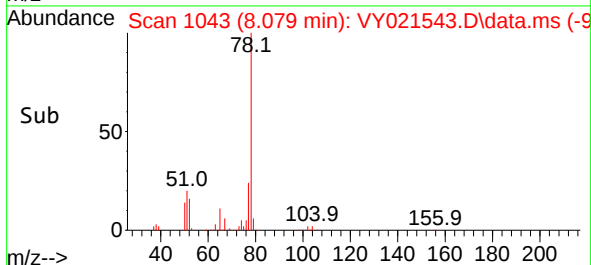
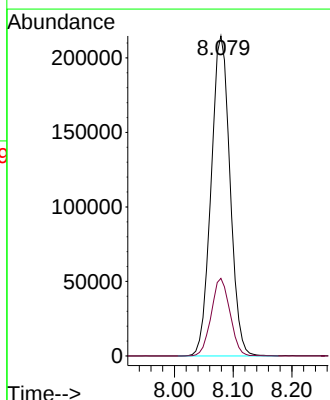
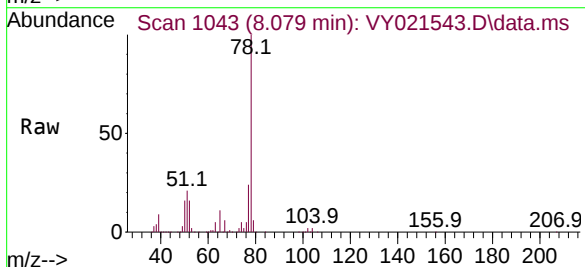
Instrument :
MSVOA_Y
ClientSampleId :

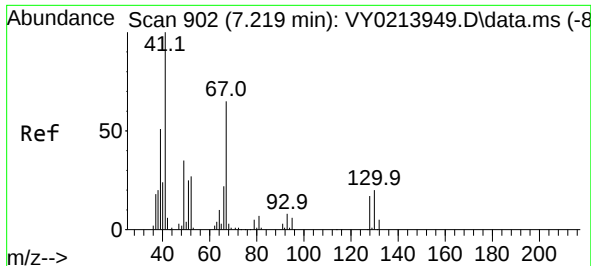
Tgt Ion: 83 Resp: 182137
Ion Ratio Lower Upper
83 100
55 79.0 60.7 91.1
98 49.9 38.6 57.8



#40
Benzene
Concen: 49.907 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 78 Resp: 479503
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

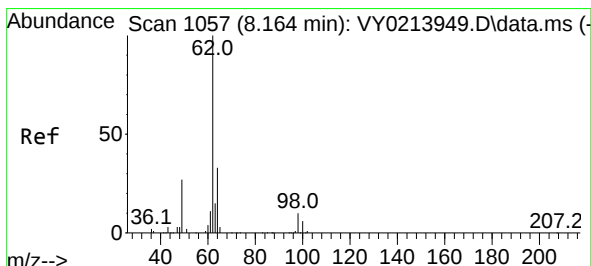
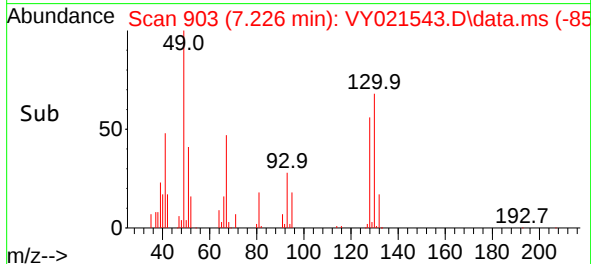
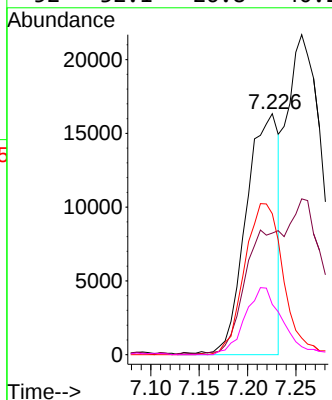
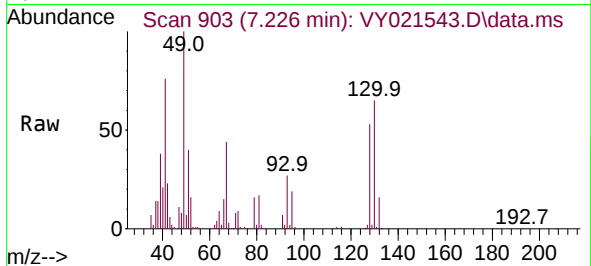




#41
Methacrylonitrile
Concen: 48.691 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

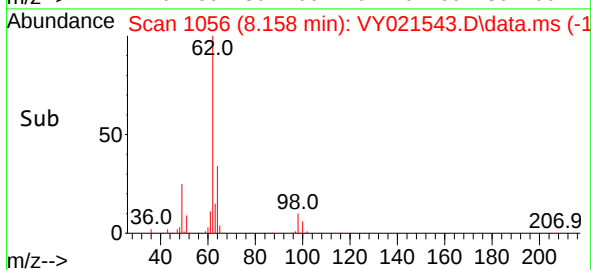
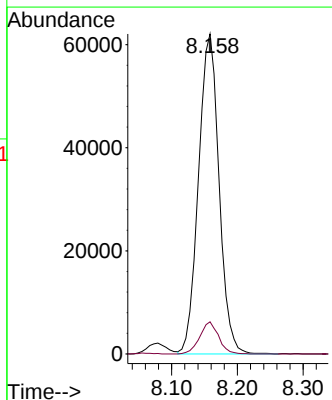
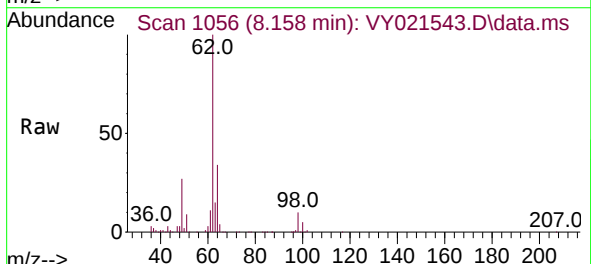
Instrument :
MSVOA_Y
ClientSampleId :

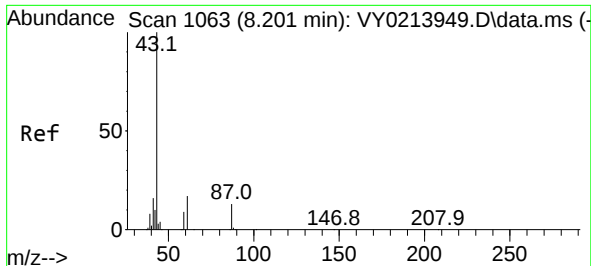
Tgt Ion:	41	Resp:	38219
Ion	Ratio	Lower	Upper
41	100		
39	45.3	35.0	52.6
67	75.4	61.2	91.8
52	32.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 50.145 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

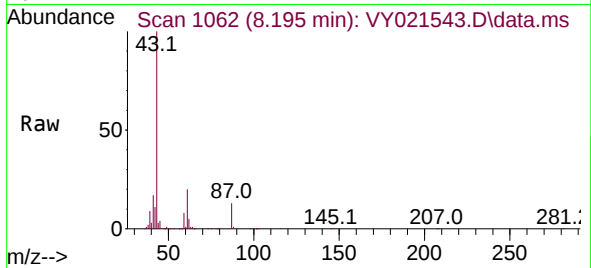
Tgt Ion:	62	Resp:	134781
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2



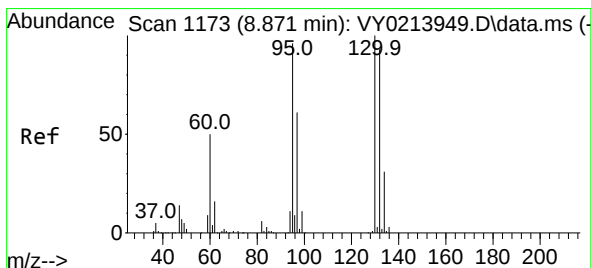
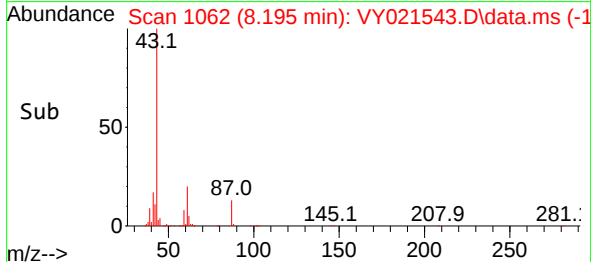
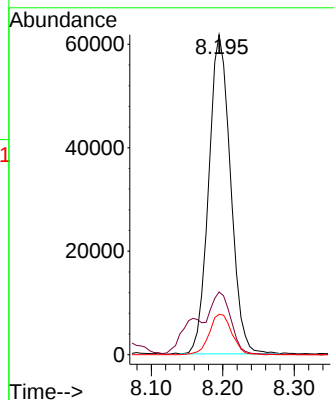


#43
Isopropyl Acetate
Concen: 46.687 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :

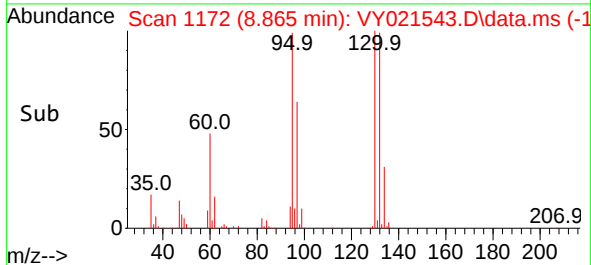
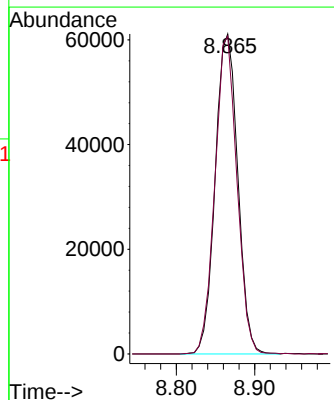
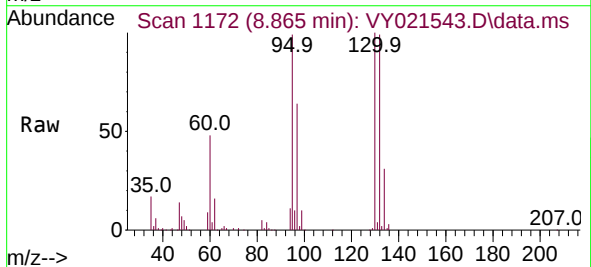


Tgt Ion: 43 Resp: 130651
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 50.343 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:130 Resp: 122227
Ion Ratio Lower Upper
130 100
95 99.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.298 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

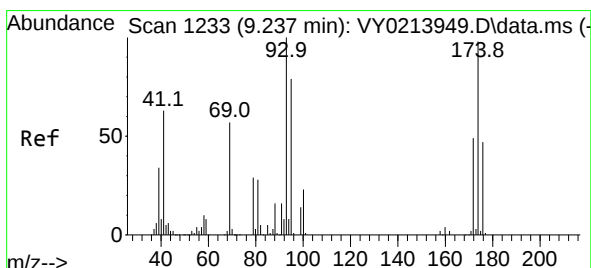
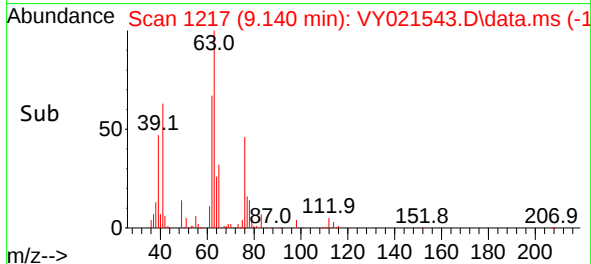
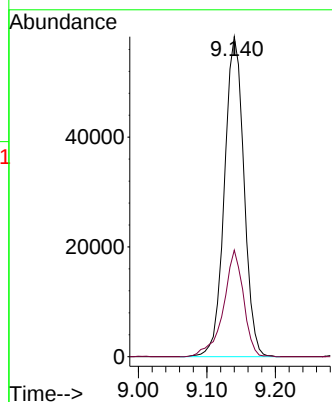
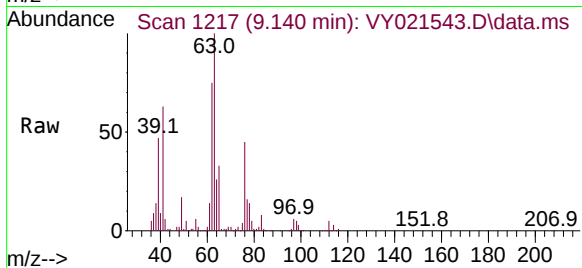
ClientSampleId :

Tgt Ion: 63 Resp: 115016

Ion Ratio Lower Upper

63 100

65 33.3 26.0 39.0



#46

Dibromomethane

Concen: 50.395 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

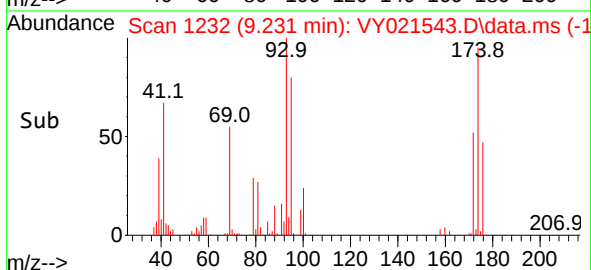
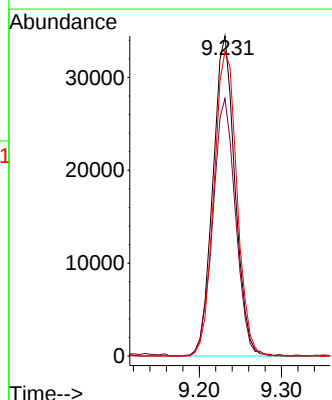
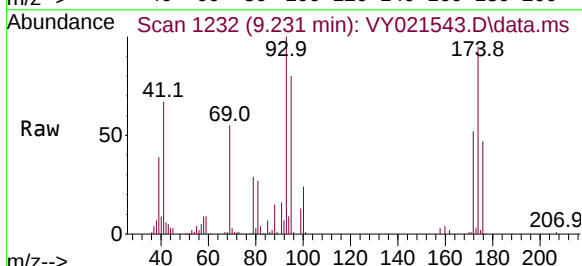
Tgt Ion: 93 Resp: 64119

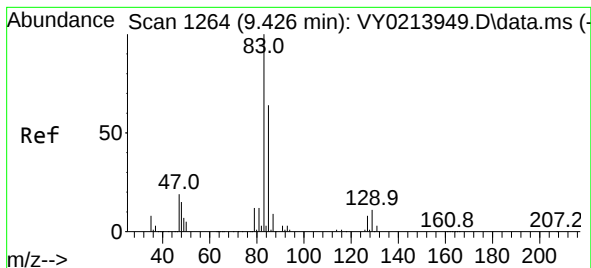
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 99.4 77.9 116.9





#47

Bromodichloromethane

Concen: 51.412 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021543.D

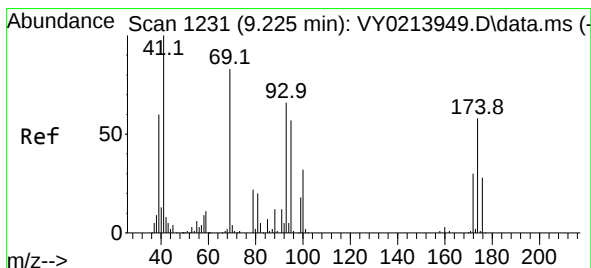
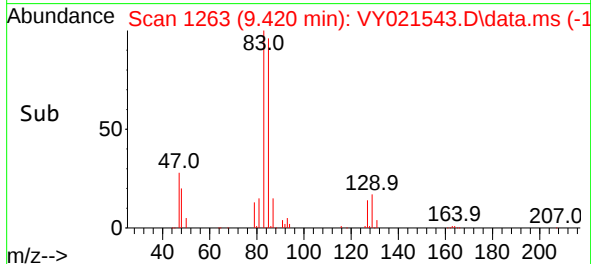
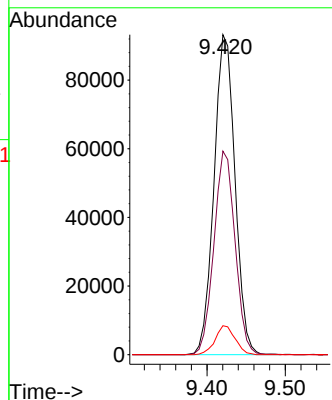
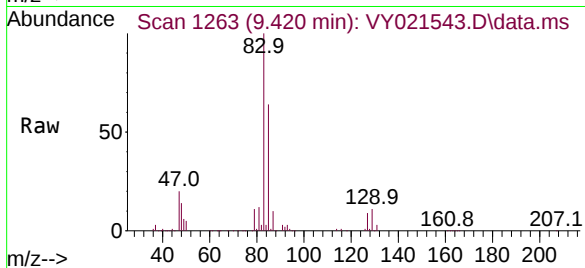
Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	173717
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7
127	9.1	6.7	10.1



#48

Methyl methacrylate

Concen: 48.754 ug/l

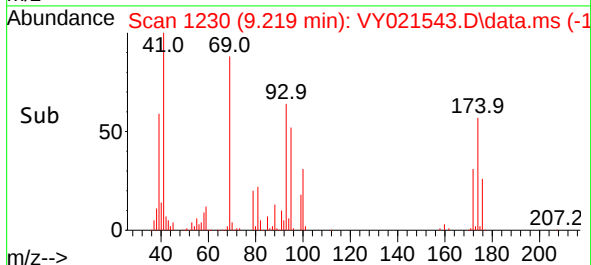
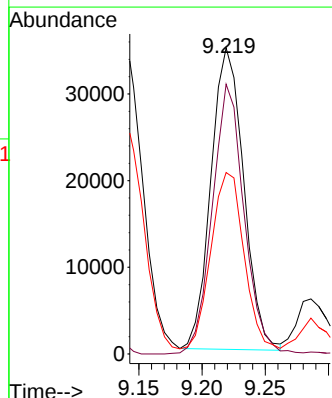
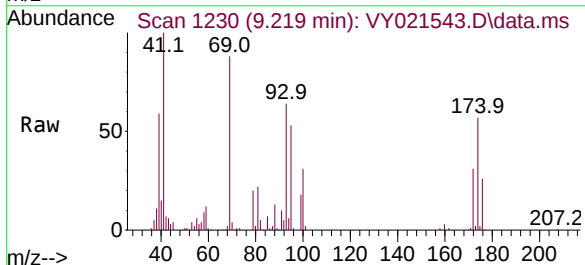
RT: 9.219 min Scan# 1230

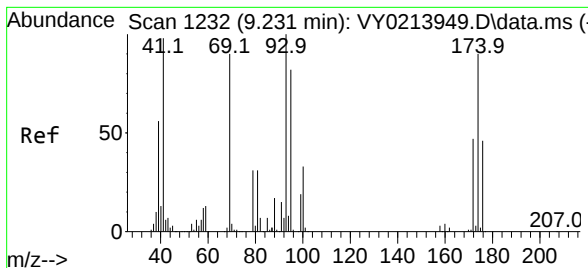
Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Tgt Ion:	41	Resp:	62651
Ion	Ratio	Lower	Upper
41	100		
69	86.9	67.8	101.8
39	59.4	46.4	69.6





#49

1,4-Dioxane

Concen: 974.832 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

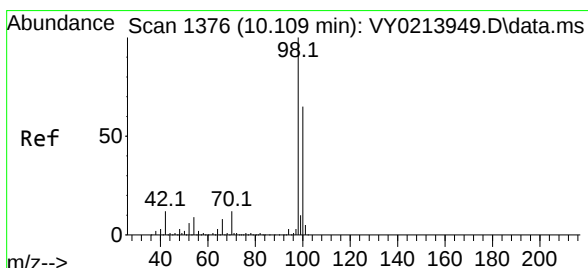
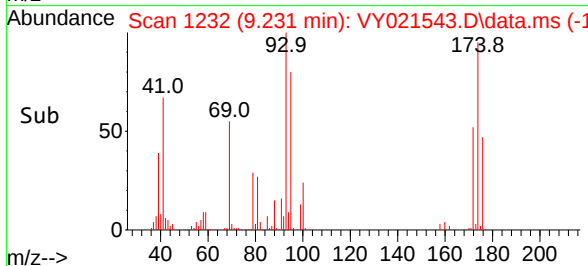
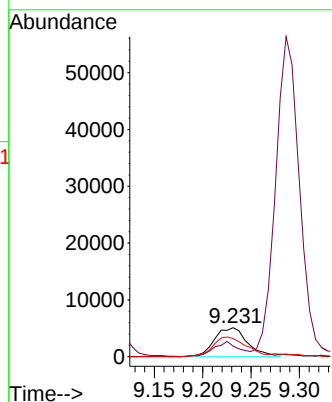
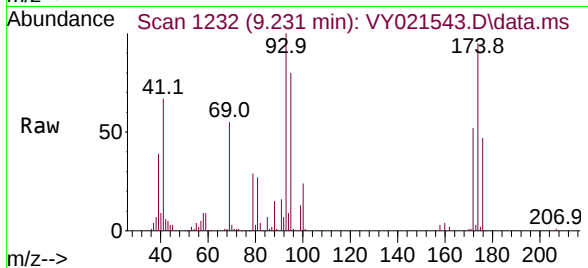
Tgt Ion: 88 Resp: 12174

Ion Ratio Lower Upper

88 100

43 40.8 25.0 37.4#

58 67.9 58.4 87.6



#50

Toluene-d8

Concen: 53.327 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021543.D

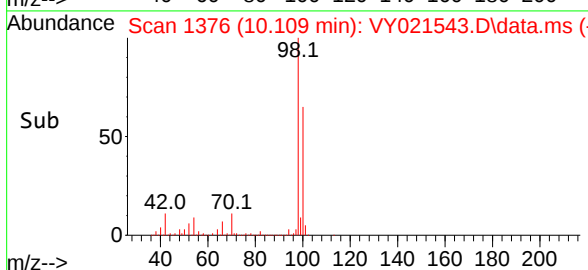
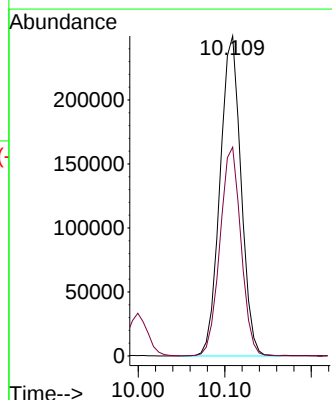
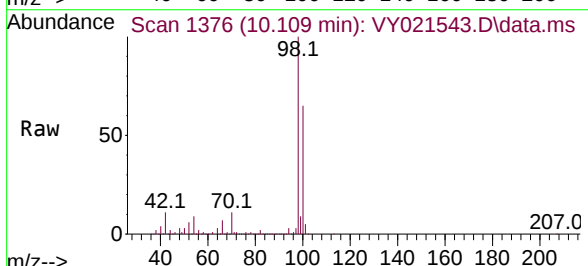
Acq: 17 Mar 2025 10:04

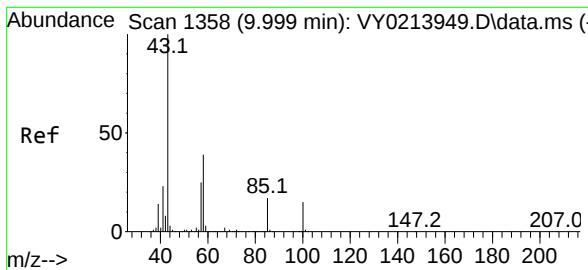
Tgt Ion: 98 Resp: 420713

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

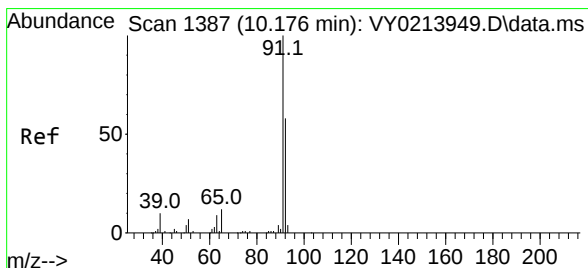
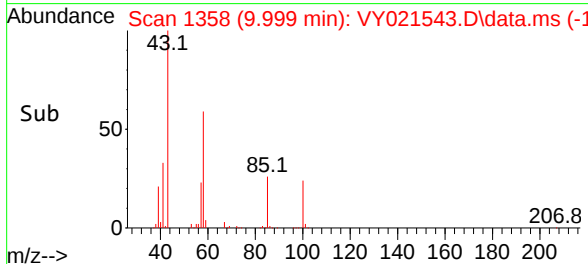
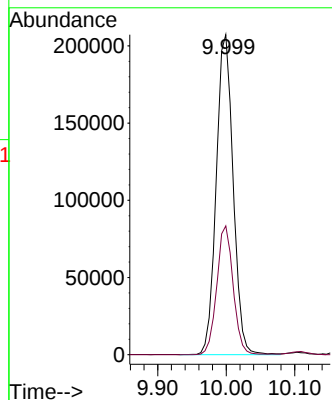
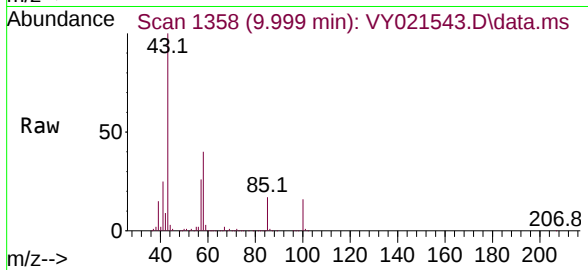




#51
4-Methyl-2-Pentanone
Concen: 245.121 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

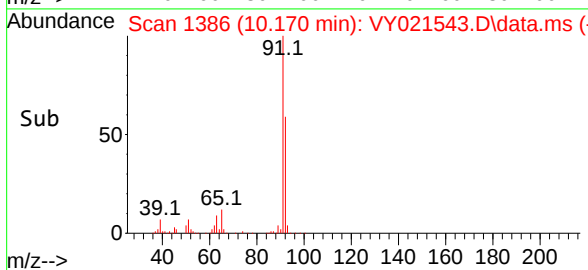
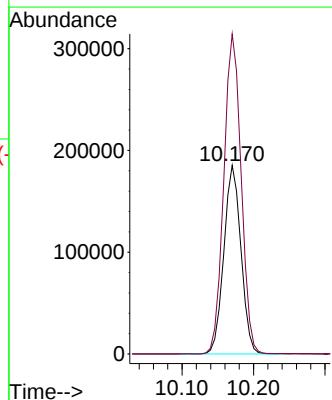
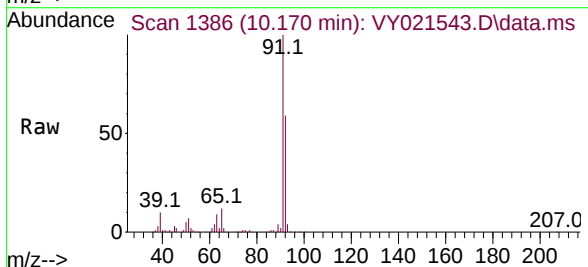
Instrument :
MSVOA_Y
ClientSampleId :

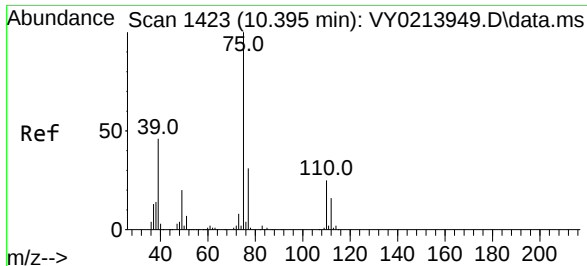
Tgt Ion: 43 Resp: 353932
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 50.765 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 92 Resp: 307502
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2

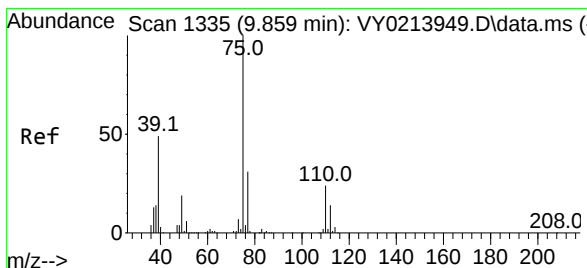
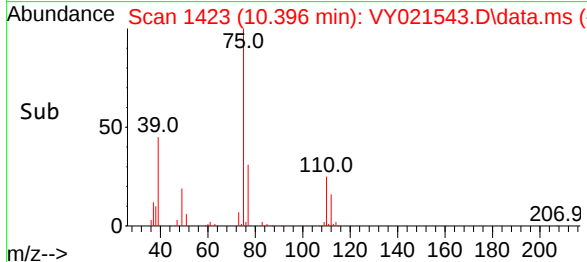
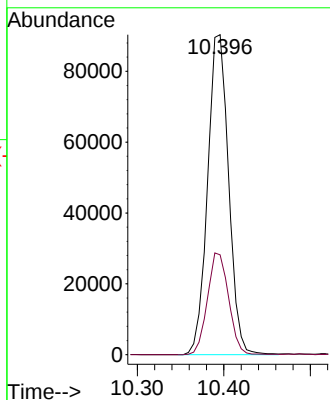
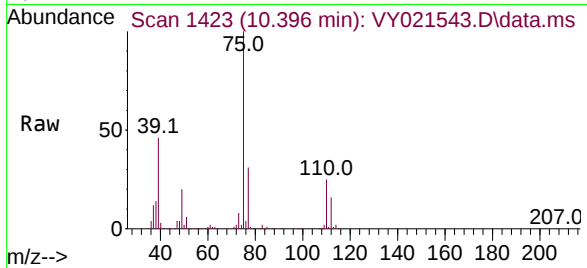




#53
 t-1,3-Dichloropropene
 Concen: 51.159 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

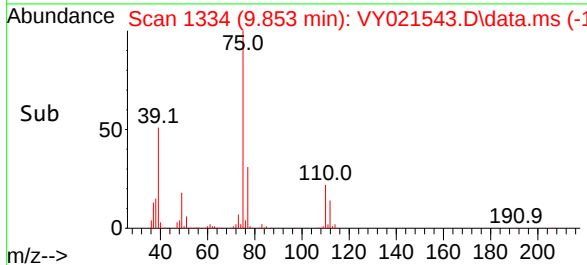
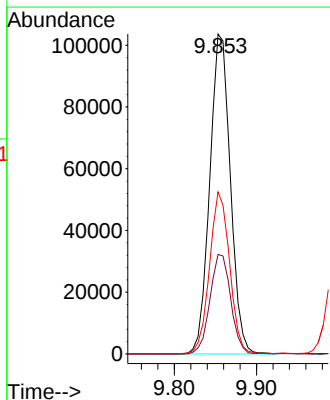
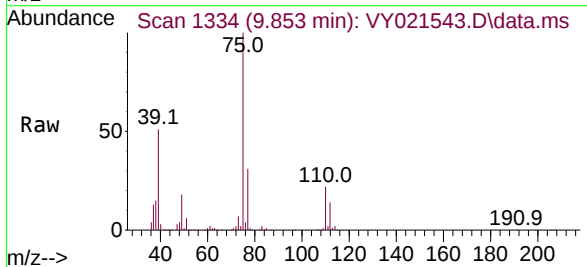
Instrument :
 MSVOA_Y
 ClientSampleId :

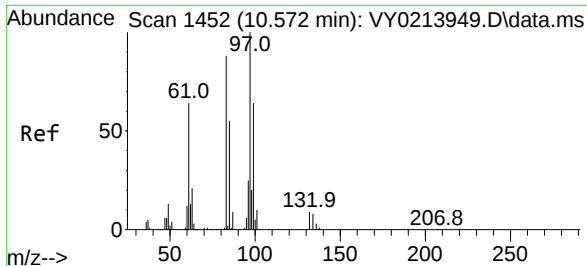
Tgt Ion: 75 Resp: 152295
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.065 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion: 75 Resp: 180480
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 50.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 50.940 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 84781

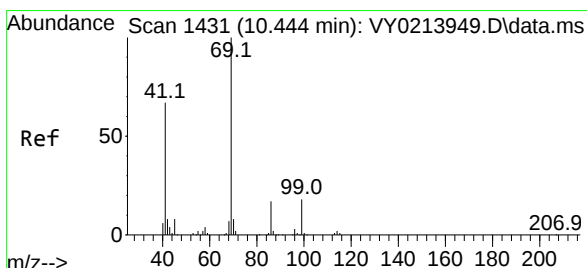
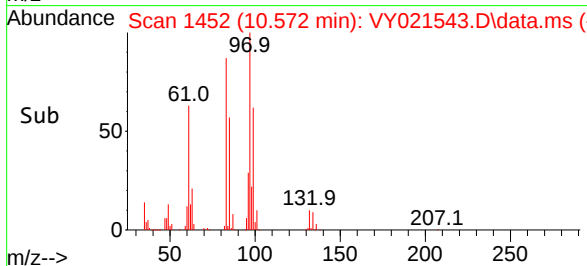
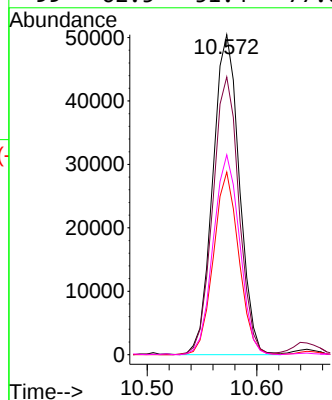
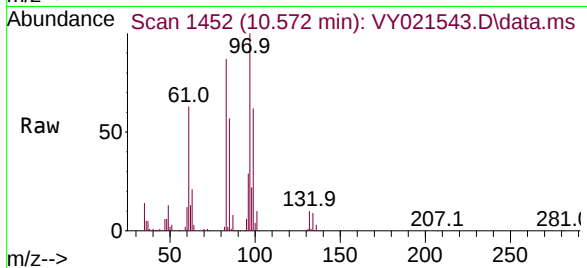
Ion Ratio Lower Upper

97 100

83 86.6 70.0 105.0

85 56.9 44.3 66.5

99 62.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 51.119 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

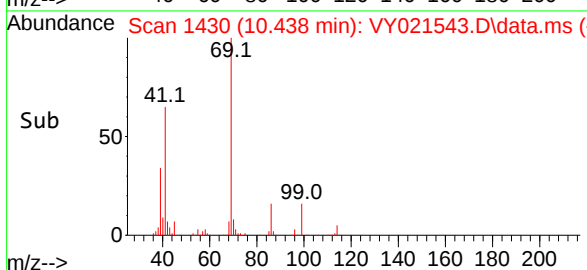
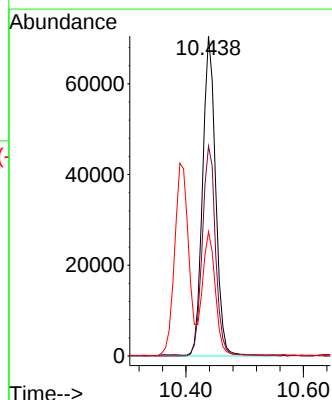
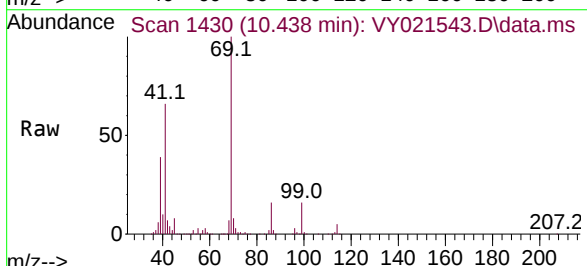
Tgt Ion: 69 Resp: 108506

Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 36.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 50.176 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

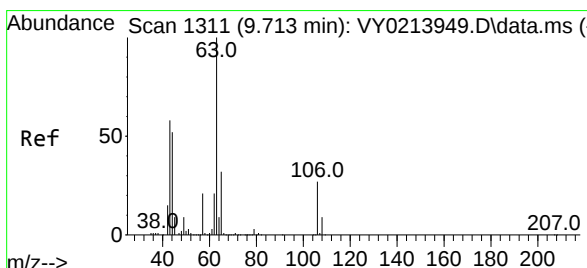
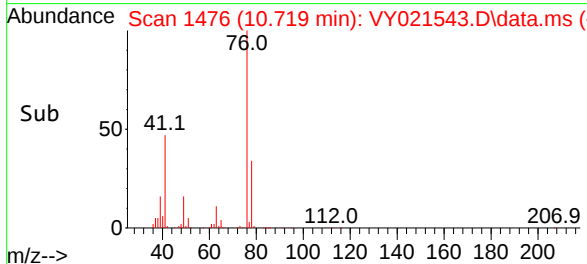
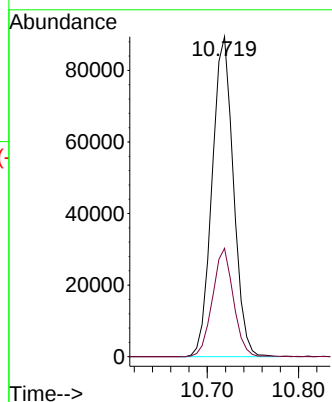
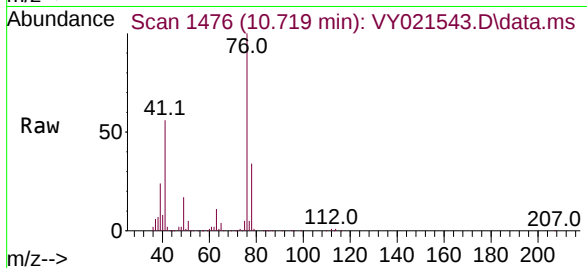
ClientSampleId :

Tgt Ion: 76 Resp: 144738

Ion Ratio Lower Upper

76 100

78 33.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 265.351 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021543.D

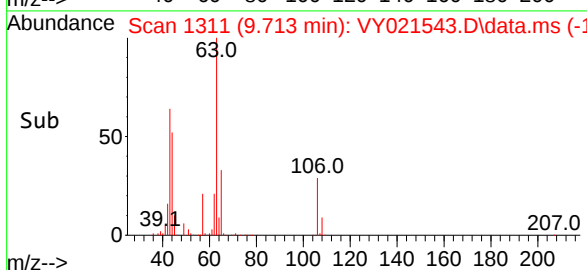
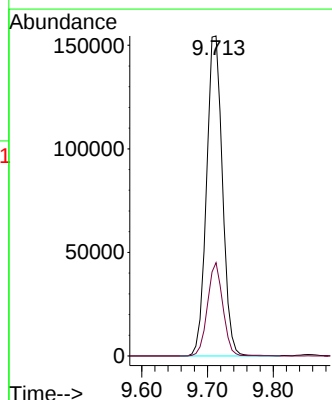
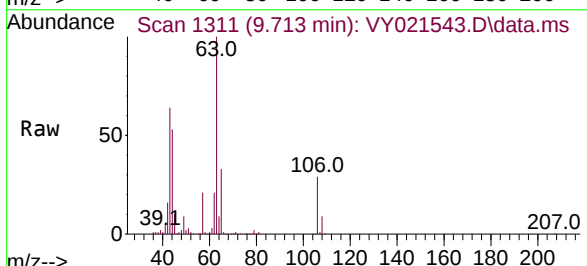
Acq: 17 Mar 2025 10:04

Tgt Ion: 63 Resp: 260004

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1

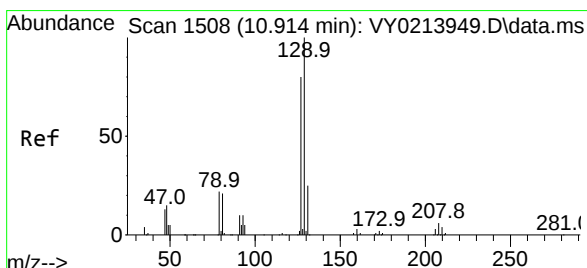
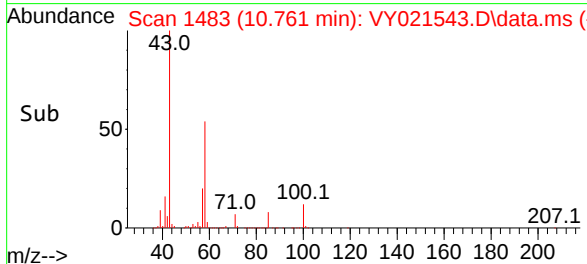
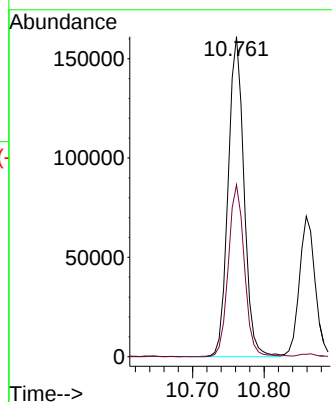
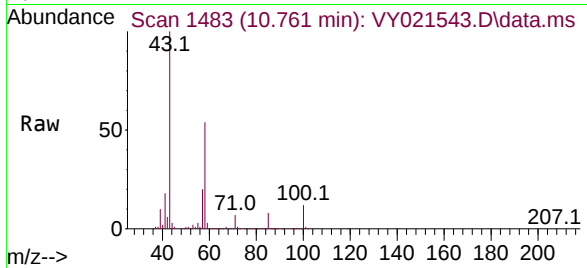




#59
2-Hexanone
Concen: 259.480 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

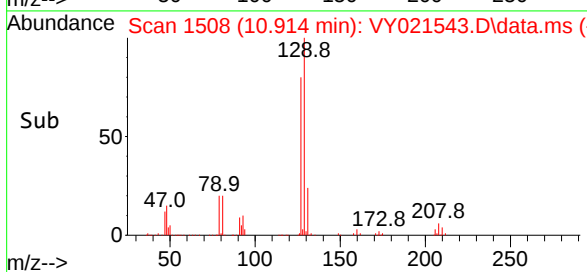
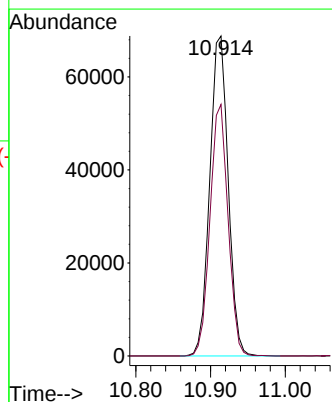
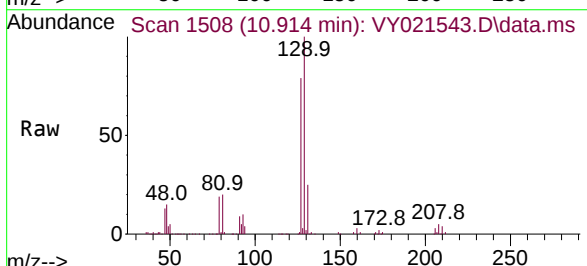
Instrument :
MSVOA_Y
ClientSampleId :

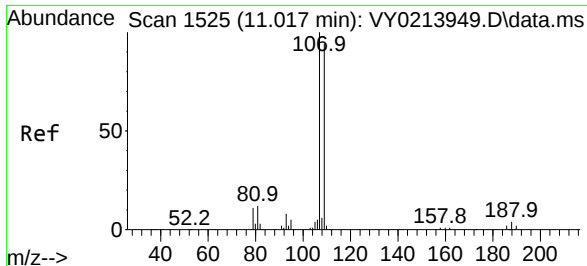
Tgt Ion: 43 Resp: 247738
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8



#60
Dibromochloromethane
Concen: 51.655 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 129 Resp: 117860
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

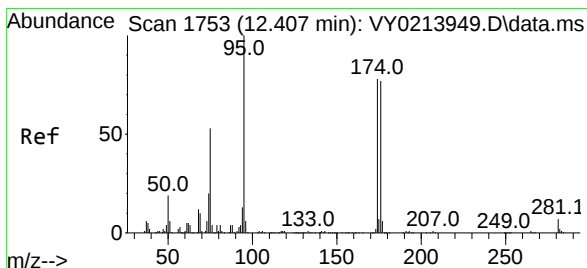
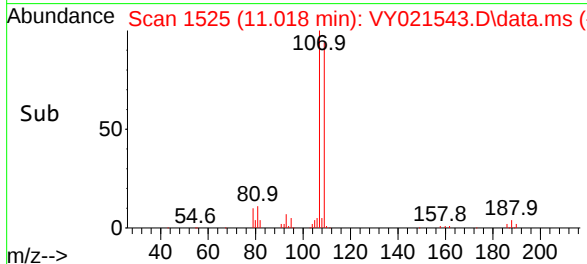
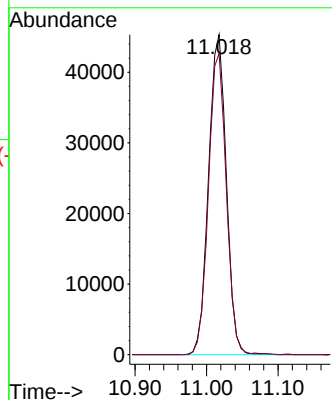
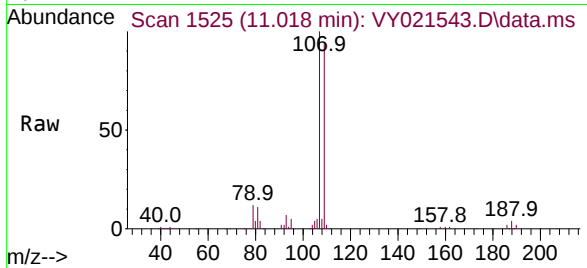




#61
1,2-Dibromoethane
Concen: 49.781 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

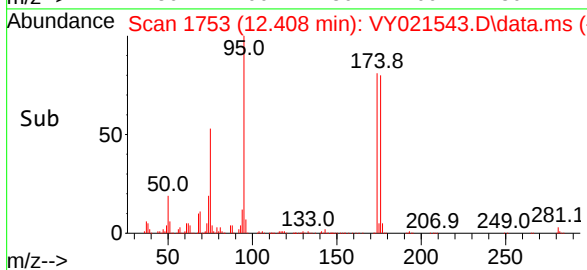
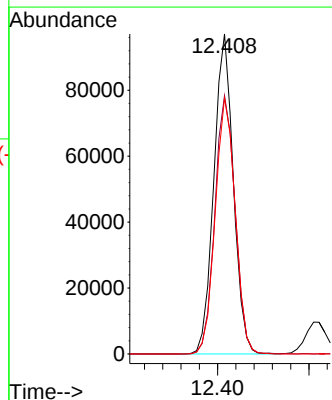
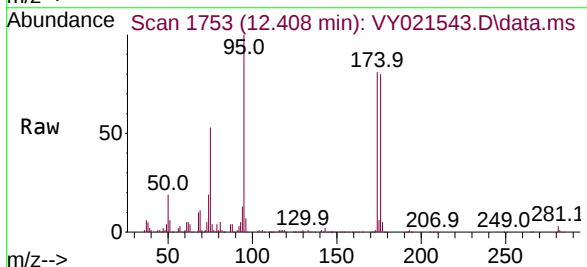
Instrument :
MSVOA_Y
ClientSampleId :

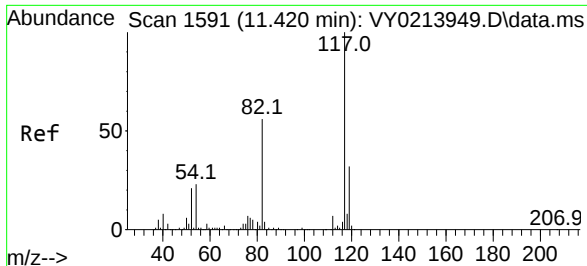
Tgt Ion:107 Resp: 78195
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.529 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 95 Resp: 143652
Ion Ratio Lower Upper
95 100
174 84.0 0.0 165.0
176 82.1 0.0 160.0

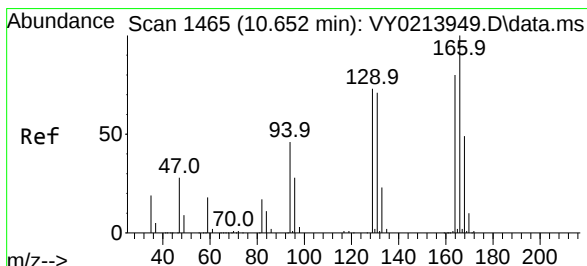
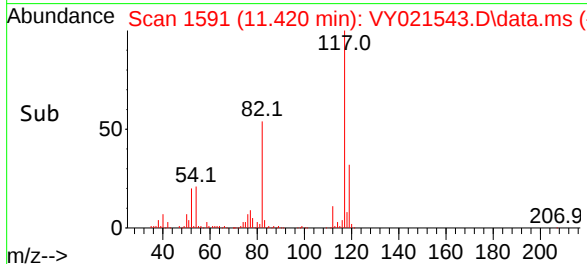
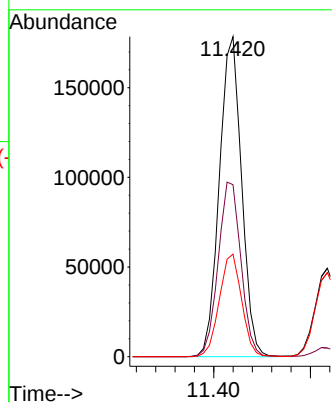
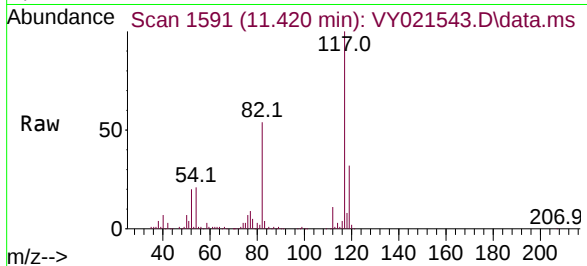




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

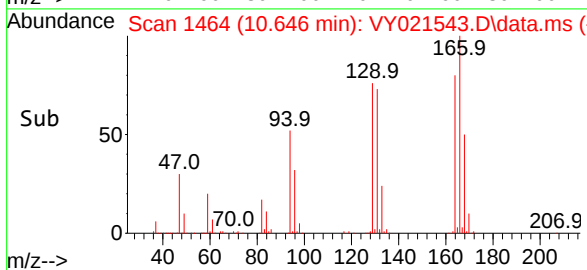
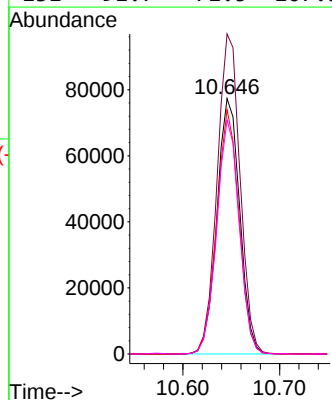
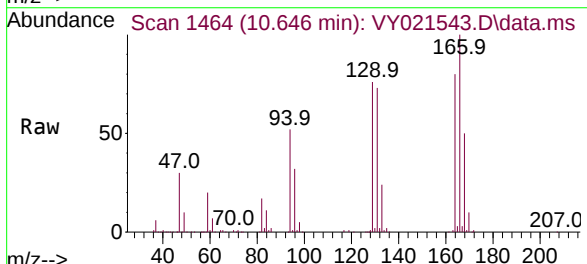
Instrument :
MSVOA_Y
ClientSampleId :

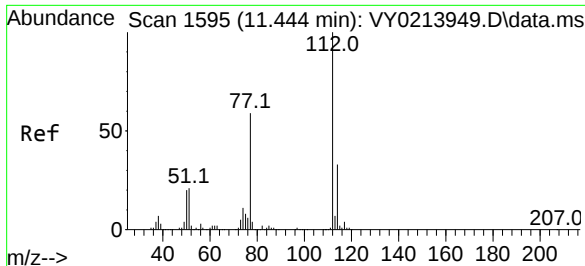
Tgt Ion:117 Resp: 284592
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 54.672 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:164 Resp: 126523
Ion Ratio Lower Upper
164 100
166 125.3 100.4 150.6
129 95.7 73.8 110.8
131 91.7 71.5 107.3

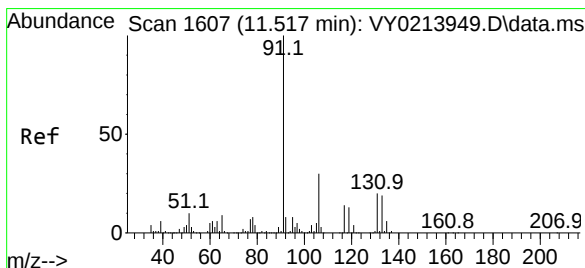
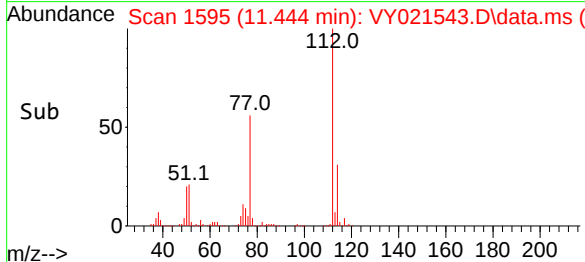
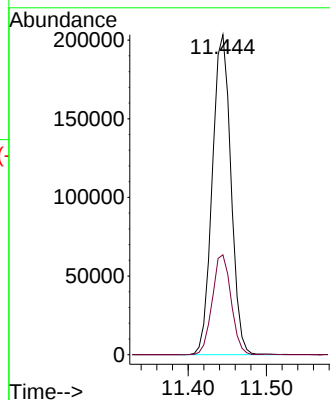
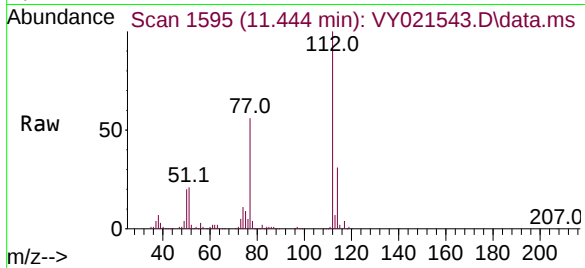




#65
Chlorobenzene
Concen: 49.962 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

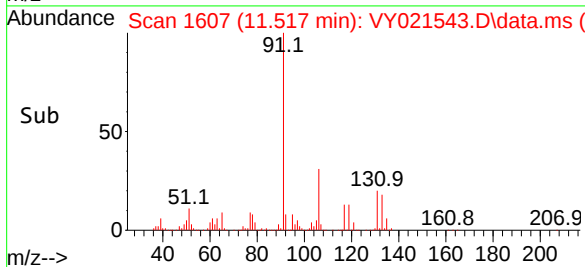
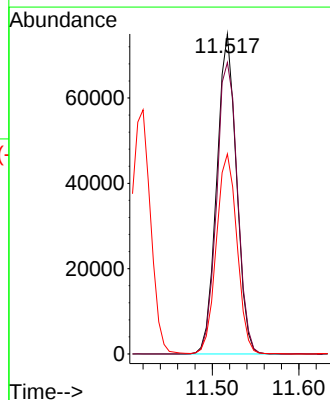
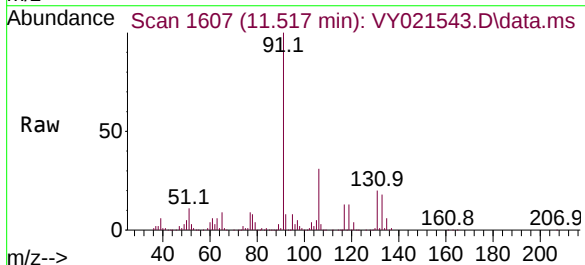
Instrument :
MSVOA_Y
ClientSampleId :

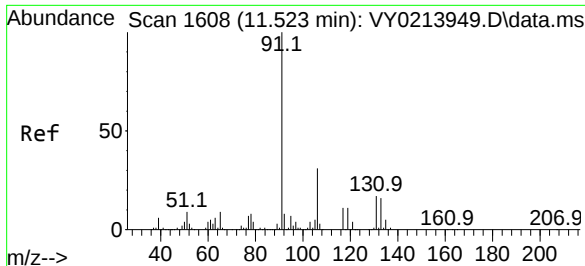
Tgt Ion:112 Resp: 335773
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.929 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:131 Resp: 118632
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 65.5 32.3 96.9





#67

Ethyl Benzene

Concen: 49.104 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

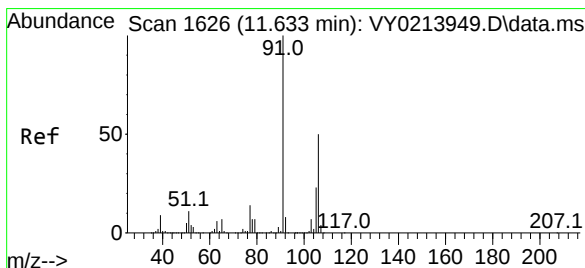
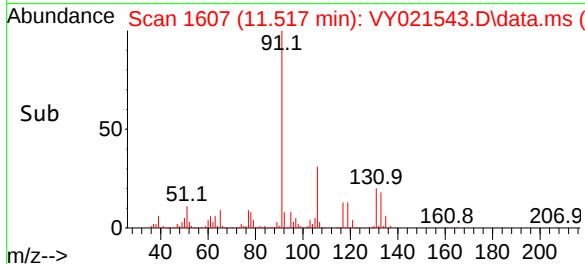
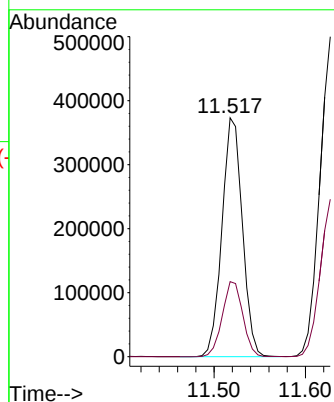
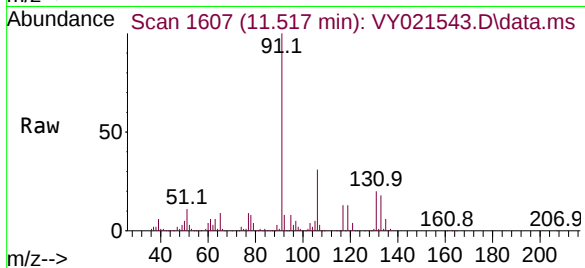
ClientSampleId :

Tgt Ion: 91 Resp: 579226

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 100.363 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021543.D

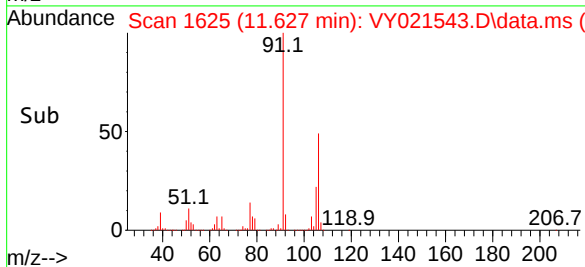
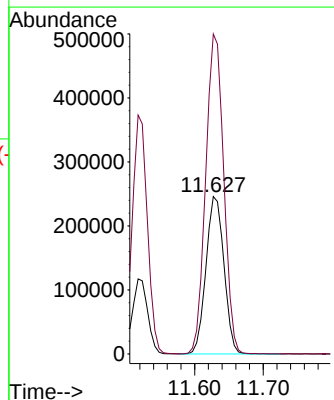
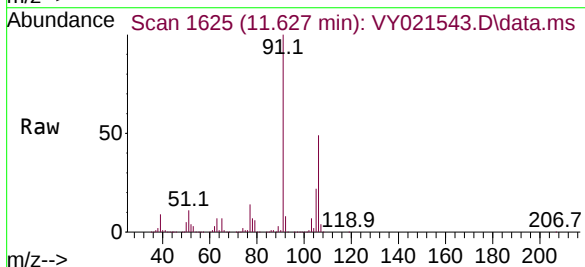
Acq: 17 Mar 2025 10:04

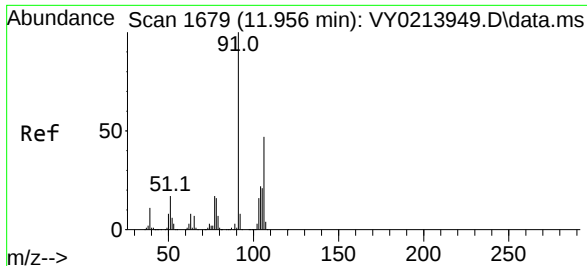
Tgt Ion:106 Resp: 449457

Ion Ratio Lower Upper

106 100

91 203.7 161.7 242.5

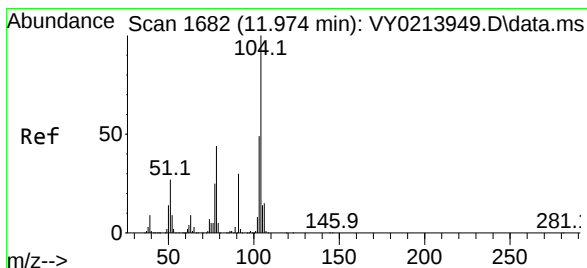
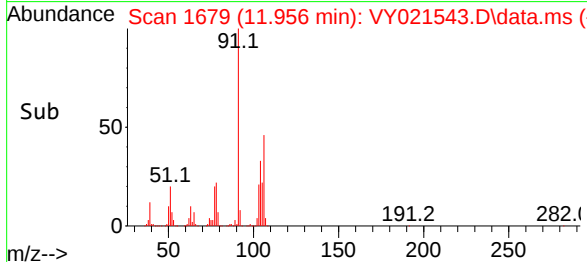
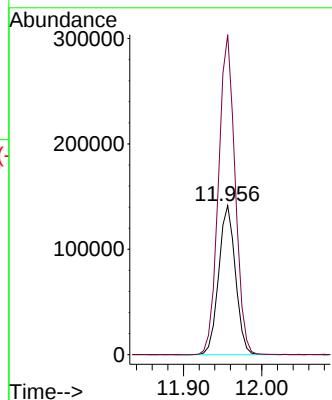
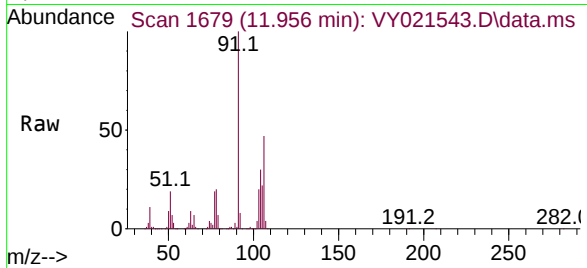




#69
o-Xylene
Concen: 50.951 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

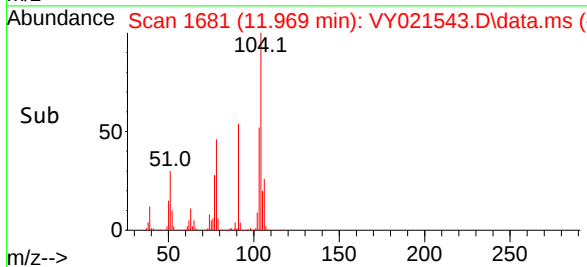
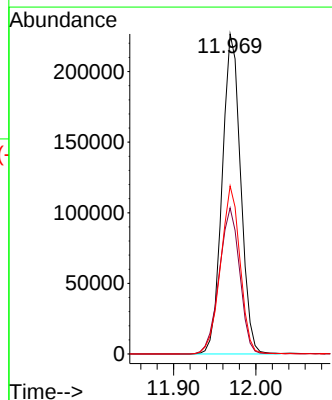
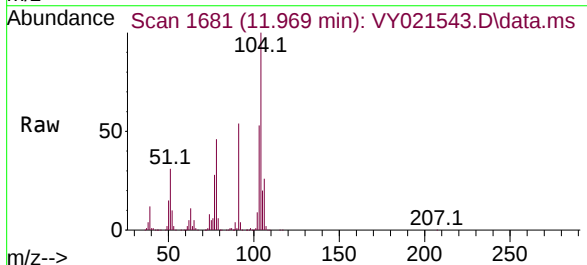
Instrument :
MSVOA_Y
ClientSampleId :

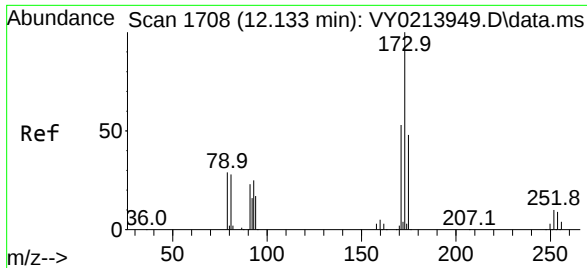
Tgt Ion:106 Resp: 210292
Ion Ratio Lower Upper
106 100
91 213.9 107.6 322.8



#70
Styrene
Concen: 51.830 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:104 Resp: 354884
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 55.3 44.1 66.1

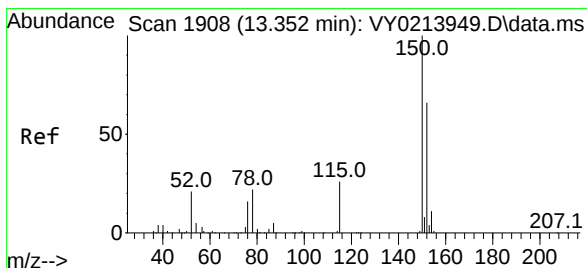
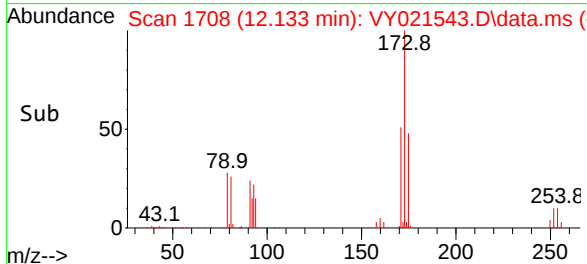
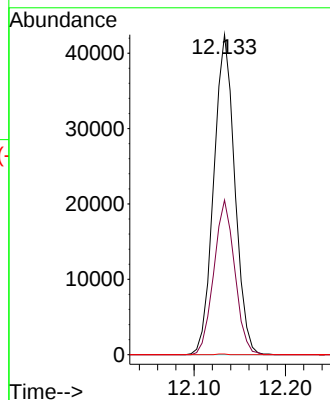
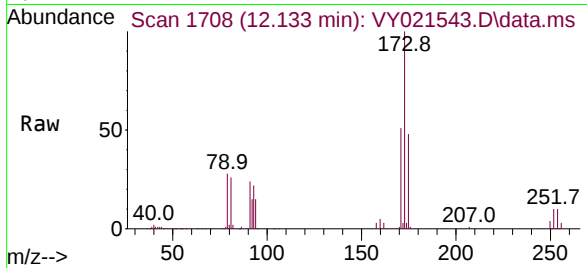




#71
Bromoform
Concen: 50.869 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

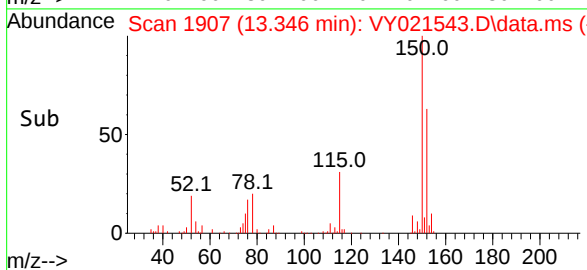
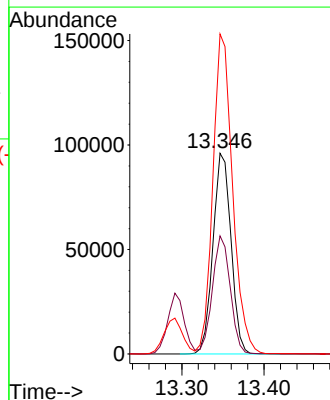
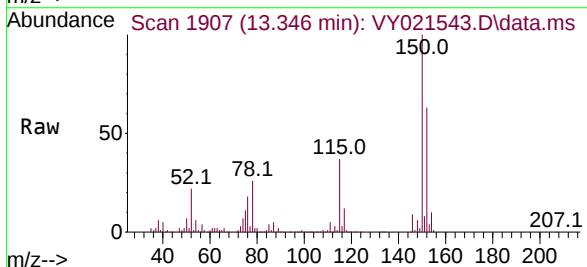
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 67566
Ion Ratio Lower Upper
173 100
175 48.1 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: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:152 Resp: 146377
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 173.5 0.0 347.2

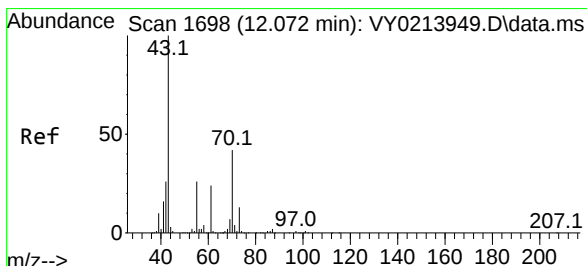
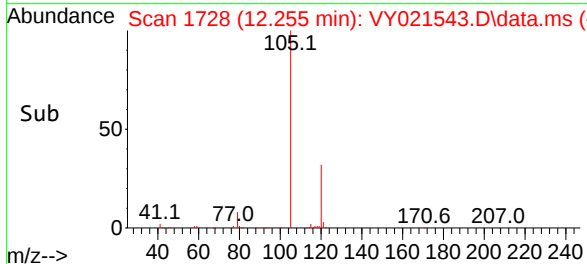
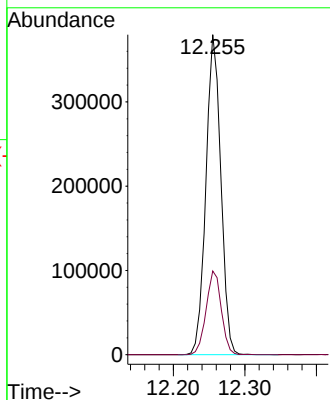
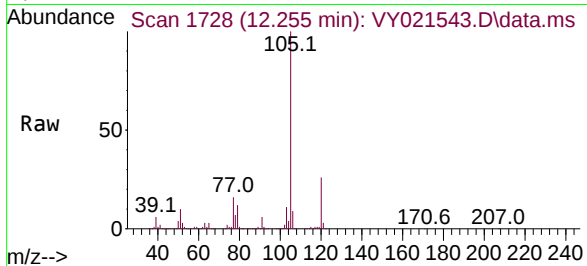




#73
Isopropylbenzene
Concen: 47.688 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

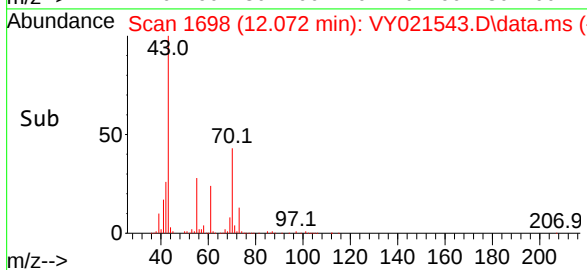
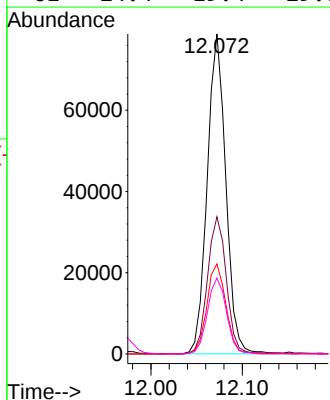
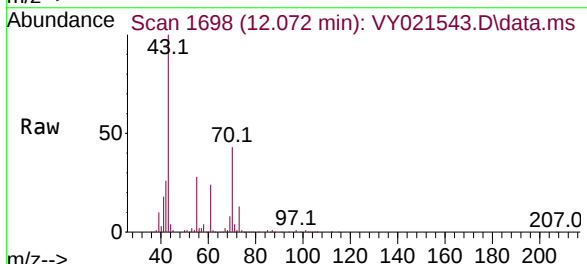
Instrument :
MSVOA_Y
ClientSampleId :

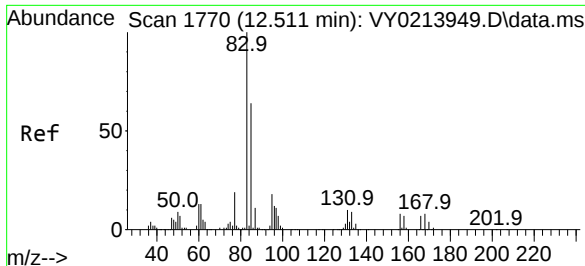
Tgt Ion:105 Resp: 549868
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 44.405 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 43 Resp: 111196
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 29.0 21.1 31.7
61 24.4 19.4 29.0

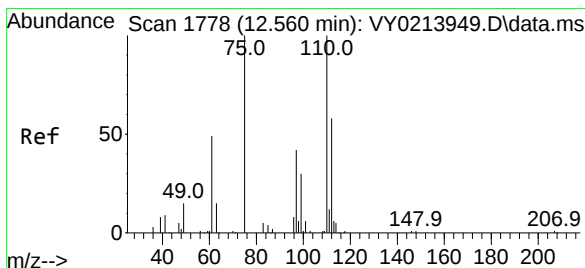
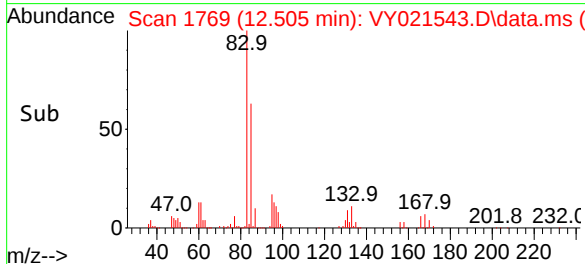
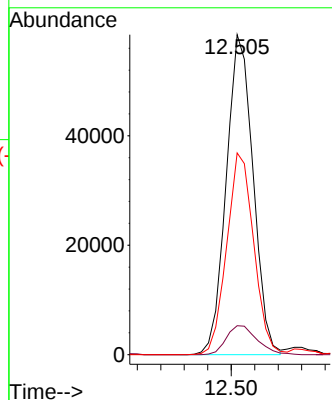
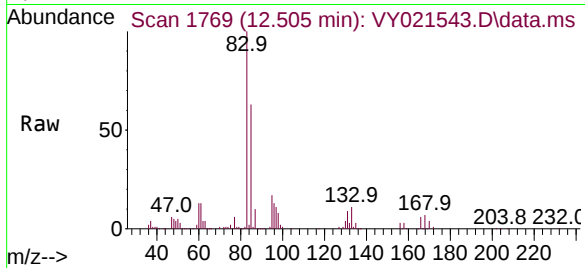




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.660 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

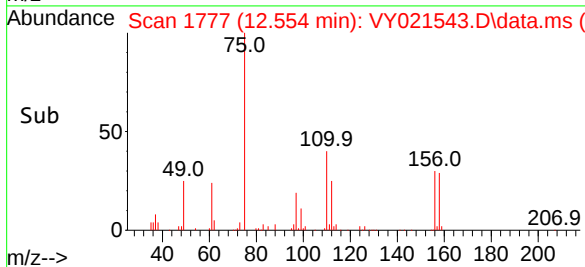
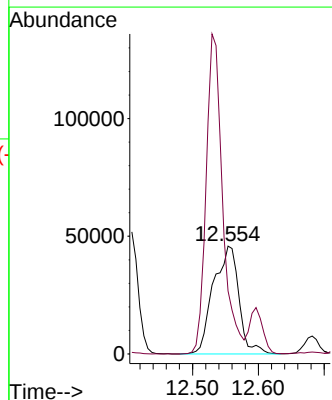
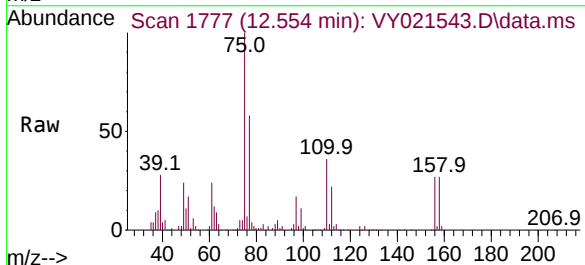
Instrument :
 MSVOA_Y
 ClientSampleId :

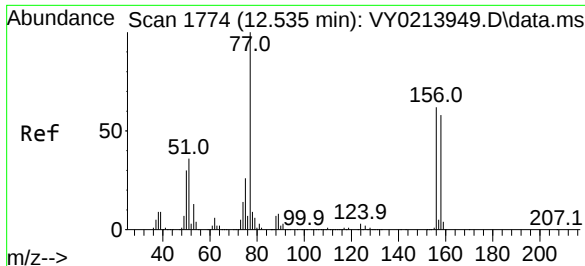
Tgt Ion: 83 Resp: 92907
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 16.1
 85 63.5 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 83.881 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion: 75 Resp: 123726
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

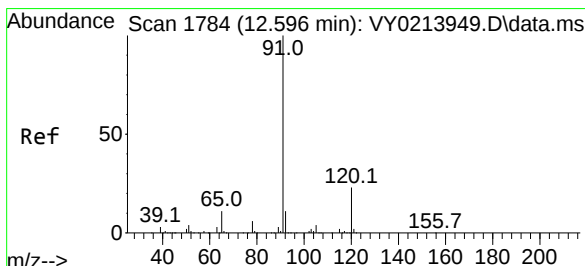
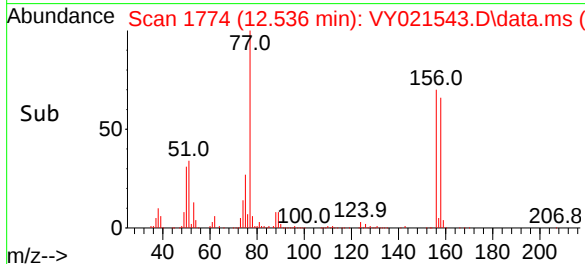
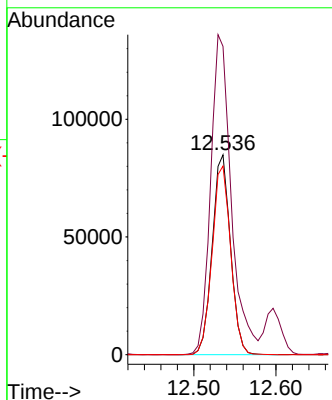
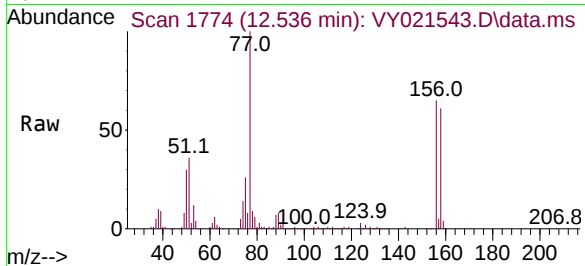




#77
 Bromobenzene
 Concen: 48.584 ug/l
 RT: 12.536 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

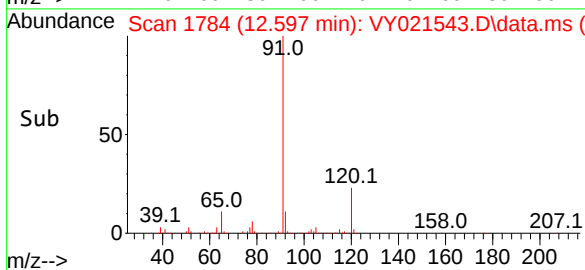
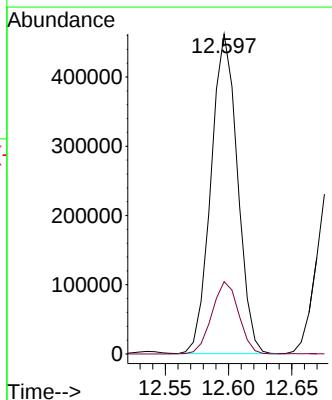
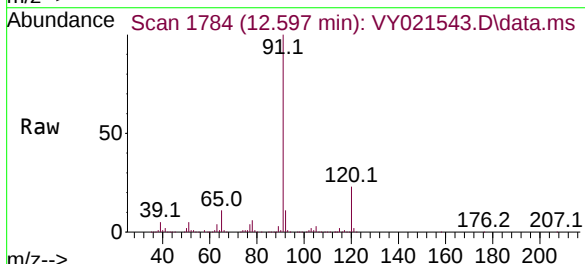
Instrument :
 MSVOA_Y
 ClientSampleId :

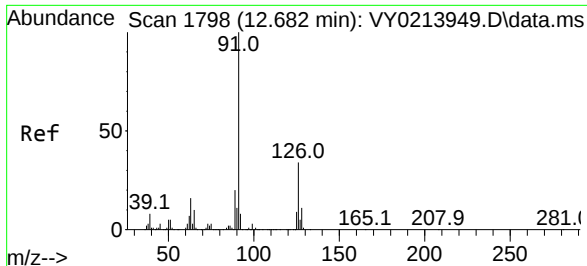
Tgt Ion:	156	Resp:	131058
Ion Ratio	Lower	Upper	
156	100		
77	181.1	93.6	280.8
158	96.2	48.3	144.8



#78
 n-propylbenzene
 Concen: 48.113 ug/l
 RT: 12.597 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion:	91	Resp:	673747
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 48.098 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

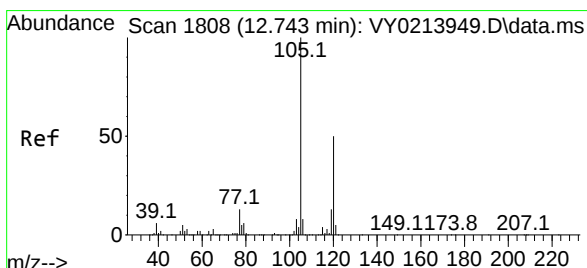
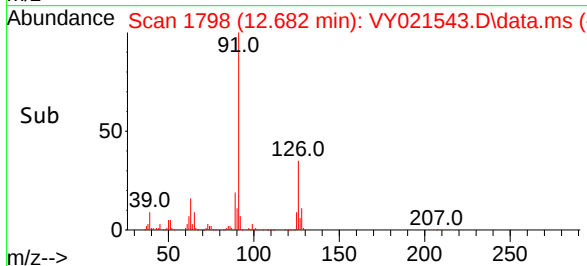
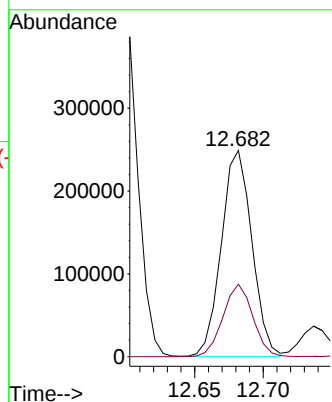
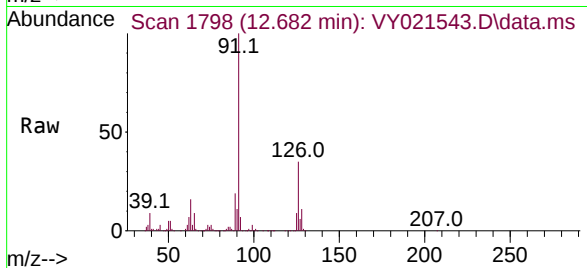
ClientSampleId :

Tgt Ion: 91 Resp: 385124

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 48.749 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021543.D

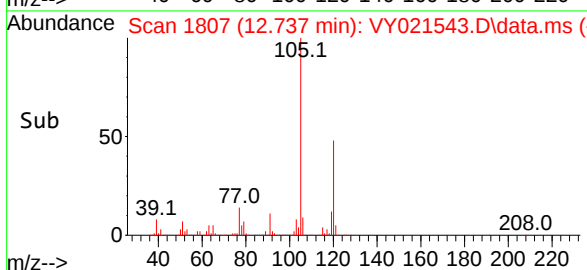
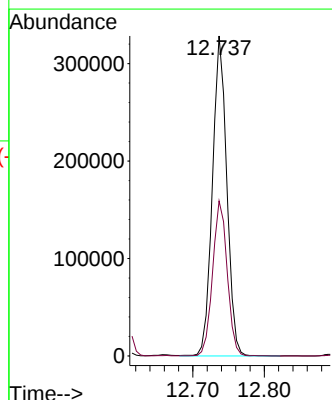
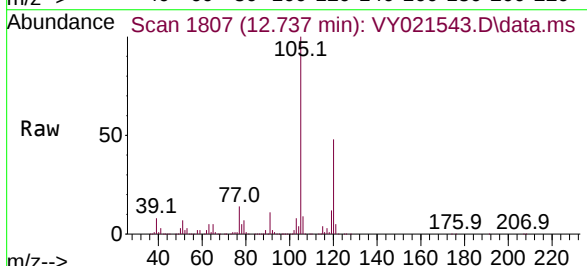
Acq: 17 Mar 2025 10:04

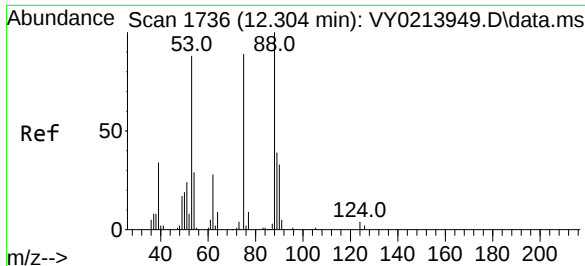
Tgt Ion:105 Resp: 456798

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.6

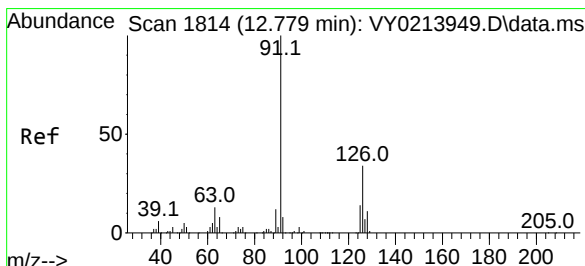
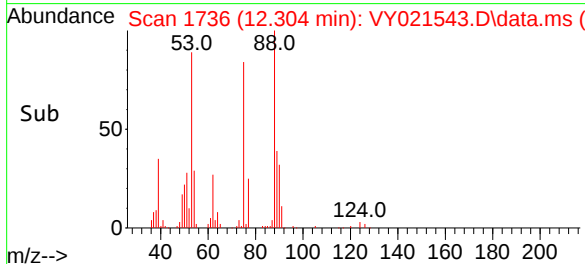
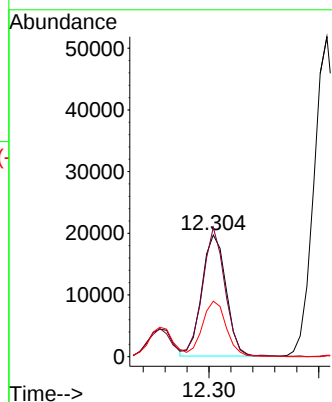
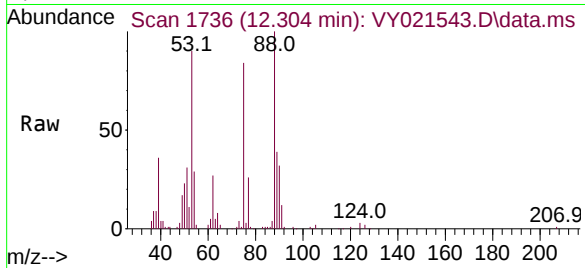




#81
trans-1,4-Dichloro-2-butene
Concen: 46.324 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

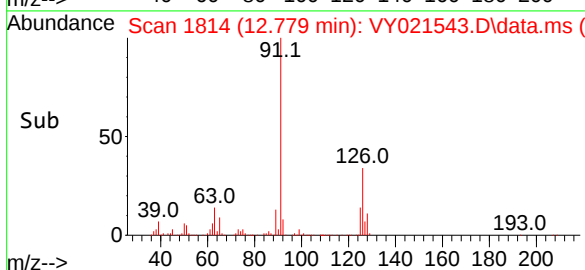
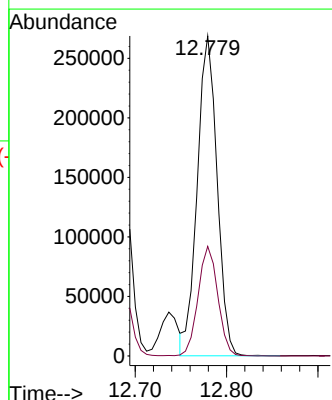
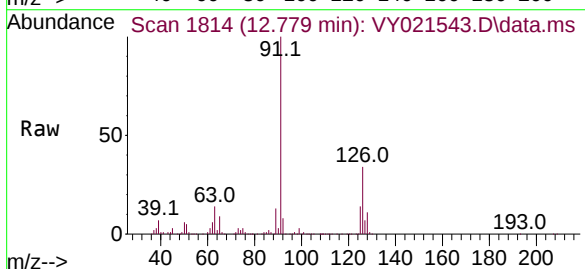
Instrument :
MSVOA_Y
ClientSampleId :

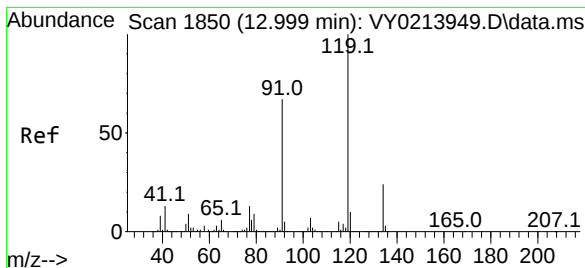
Tgt Ion: 75 Resp: 30057
Ion Ratio Lower Upper
75 100
53 98.0 81.0 121.4
89 45.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.892 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion: 91 Resp: 405388
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

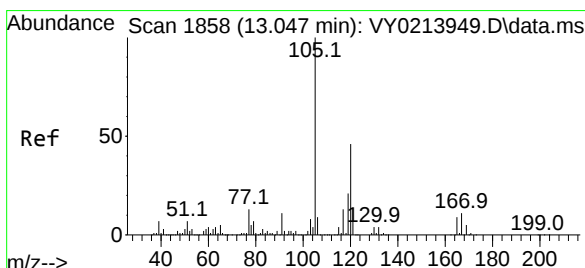
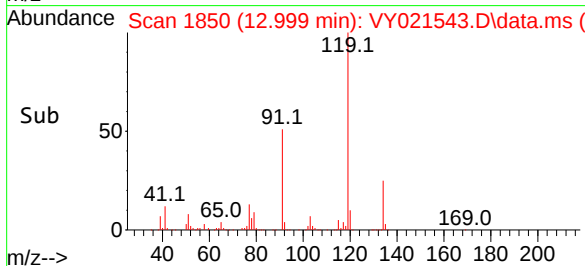
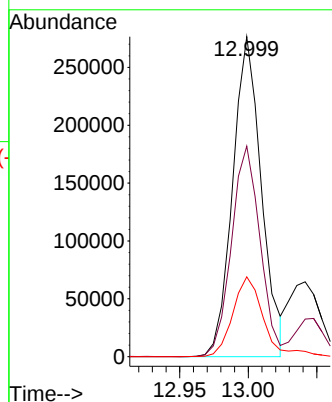
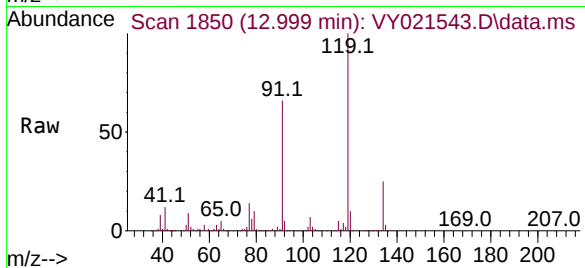




#83
 tert-Butylbenzene
 Concen: 48.351 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

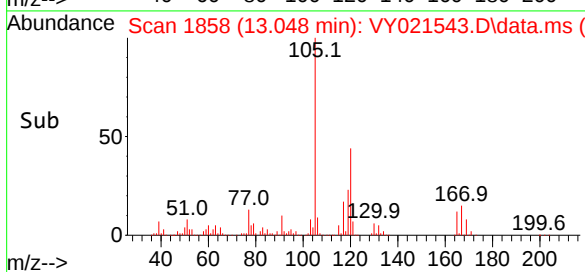
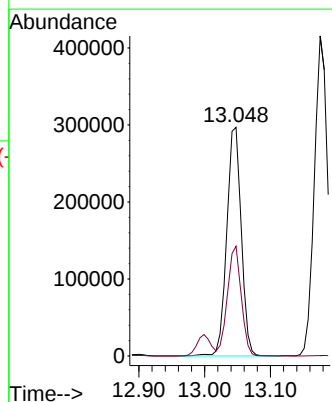
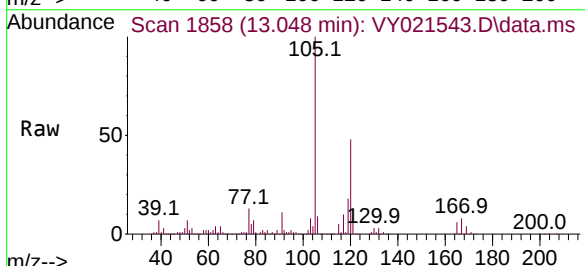
Instrument :
 MSVOA_Y
 ClientSampleId :

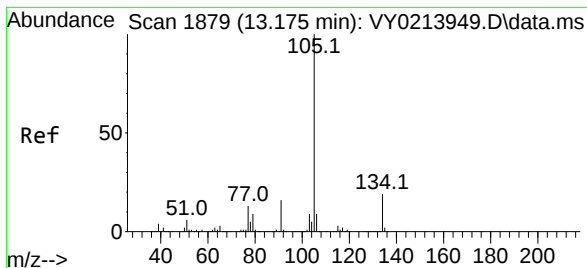
Tgt Ion:119 Resp: 404180
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.2 99.6
 134 26.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.988 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion:105 Resp: 455769
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.622 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Instrument :

MSVOA_Y

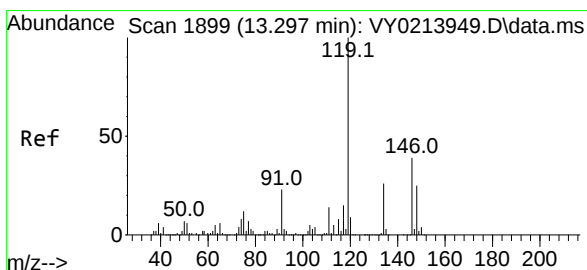
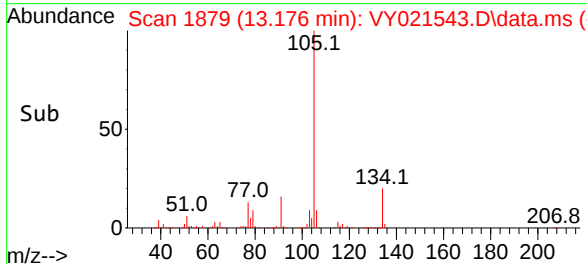
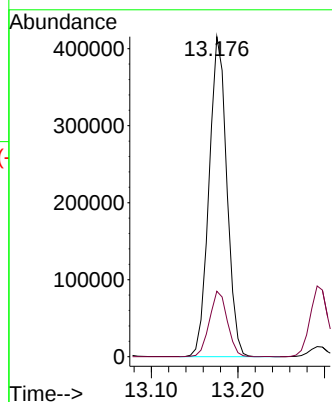
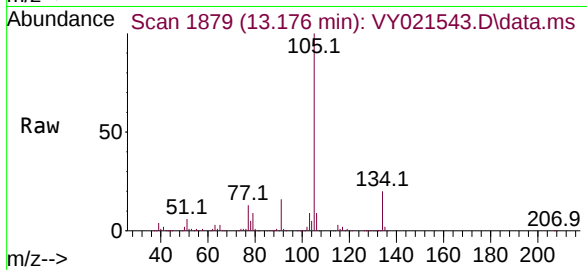
ClientSampleId :

Tgt Ion:105 Resp: 592299

Ion Ratio Lower Upper

105 100

134 20.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 48.916 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

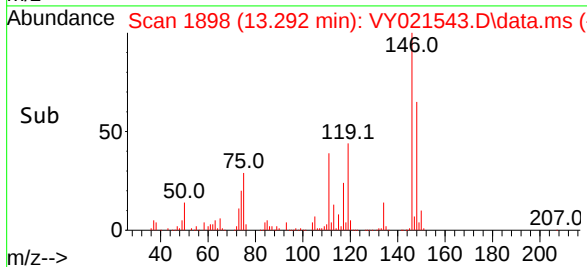
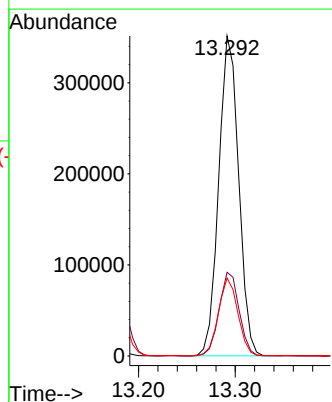
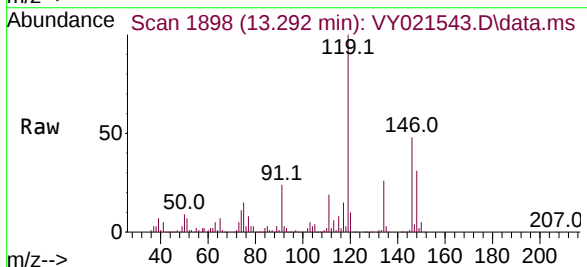
Tgt Ion:119 Resp: 501218

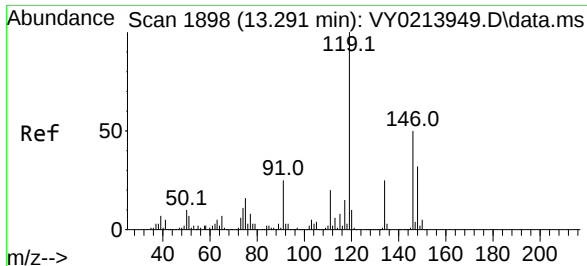
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.8 12.2 36.6

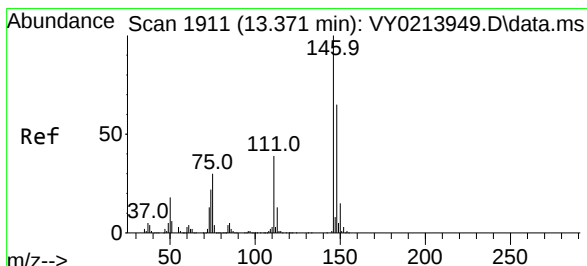
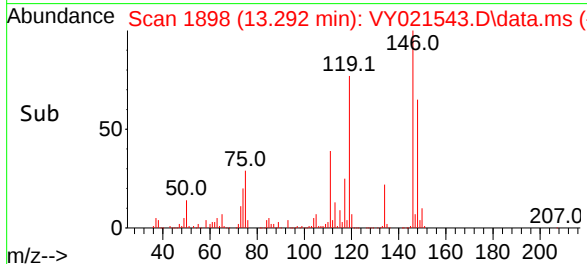
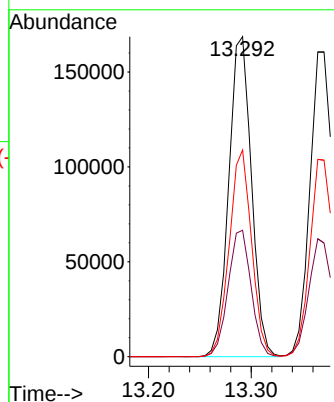
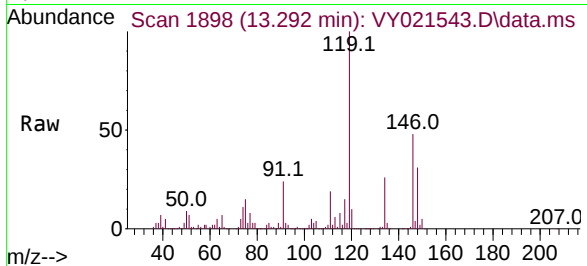




#87
 1,3-Dichlorobenzene
 Concen: 48.223 ug/l
 RT: 13.292 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

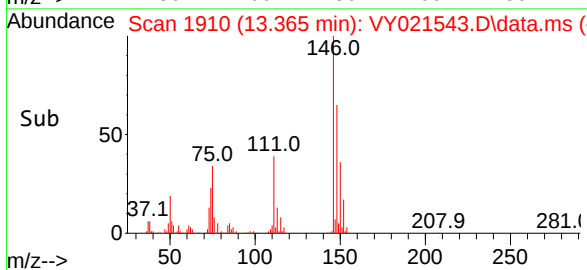
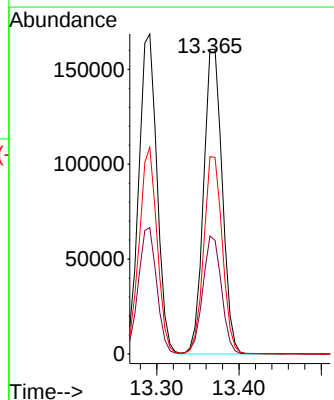
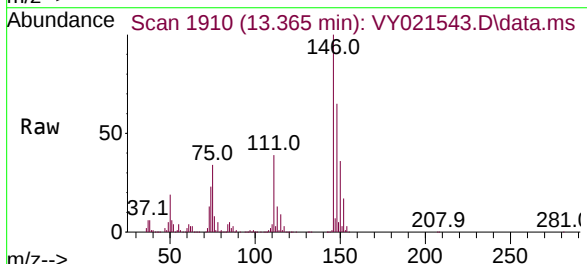
Instrument :
 MSVOA_Y
 ClientSampleId :

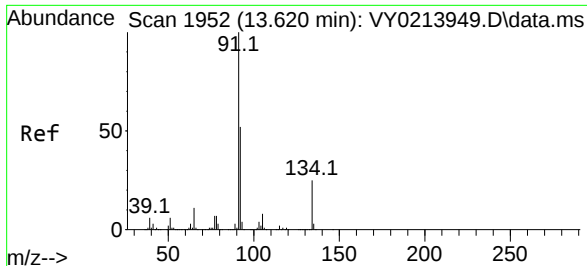
Tgt Ion:146 Resp: 258938
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.286 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion:146 Resp: 253569
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 48.559 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

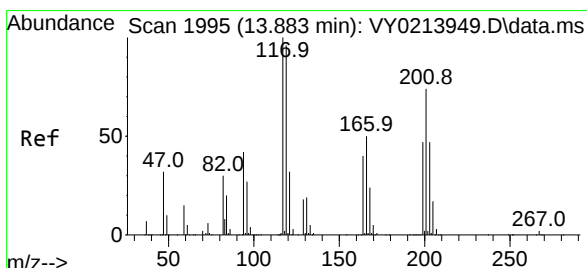
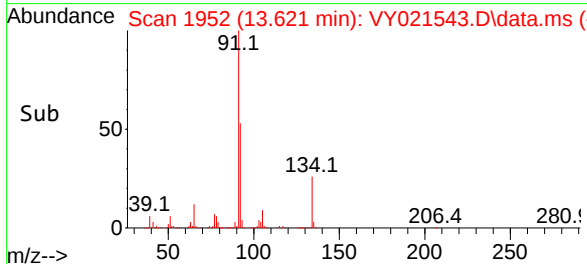
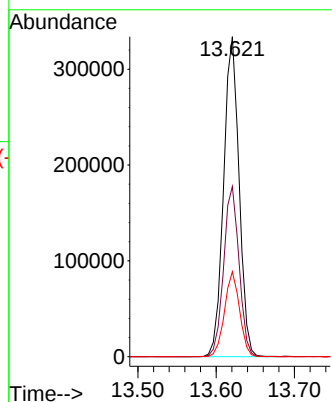
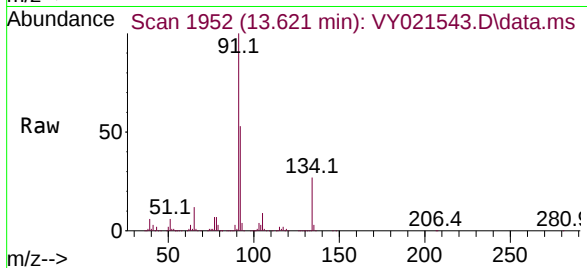
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 459452

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.1	78.3
134	25.9	12.6	37.8



#90

Hexachloroethane

Concen: 47.011 ug/l

RT: 13.883 min Scan# 1995

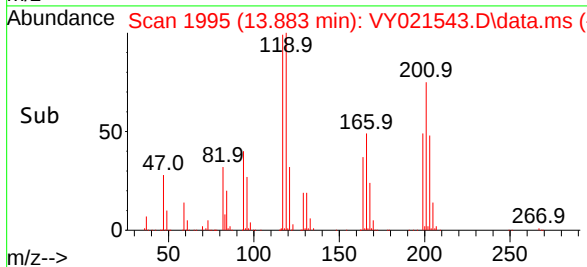
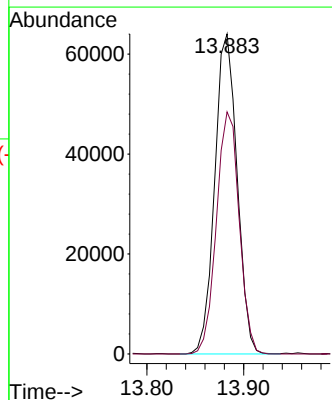
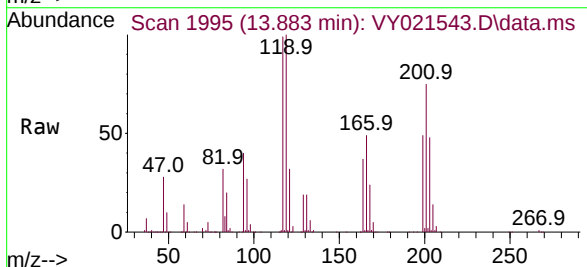
Delta R.T. 0.000 min

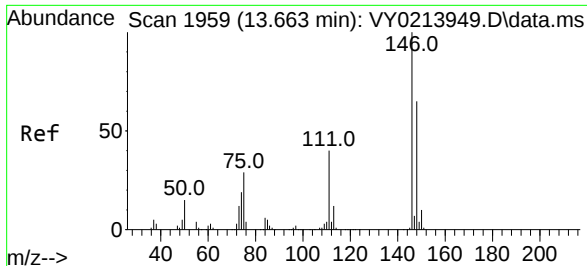
Lab File: VY021543.D

Acq: 17 Mar 2025 10:04

Tgt Ion: 117 Resp: 102762

Ion	Ratio	Lower	Upper
117	100		
201	76.9	37.4	112.2

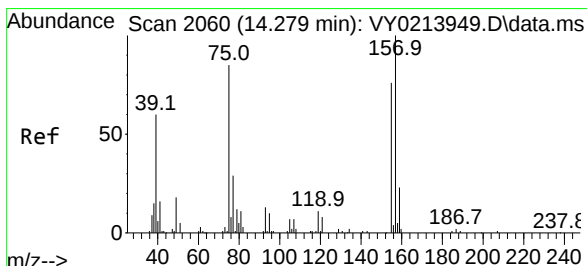
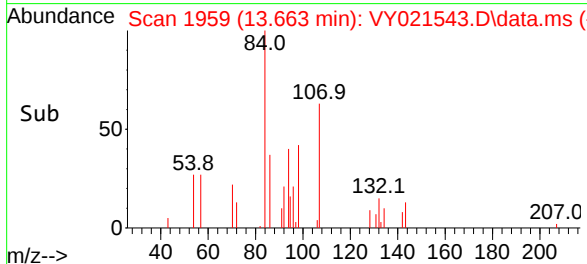
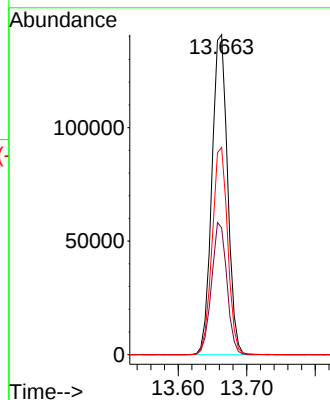
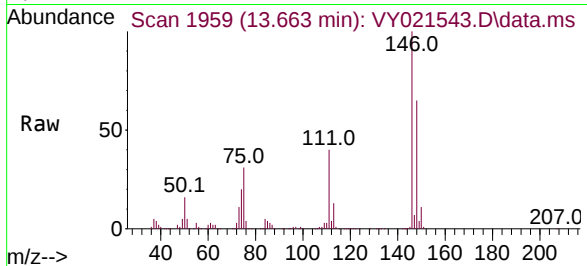




#91
1,2-Dichlorobenzene
Concen: 48.701 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

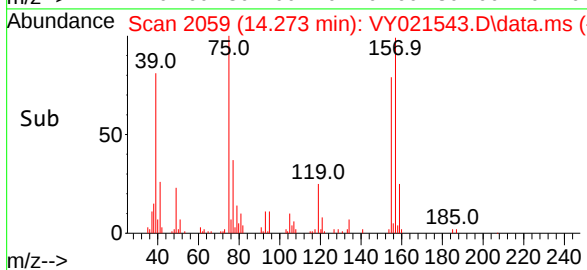
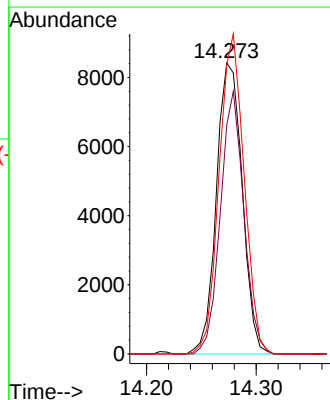
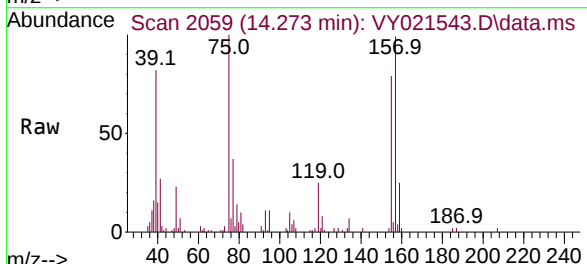
Instrument :
MSVOA_Y
ClientSampleId :

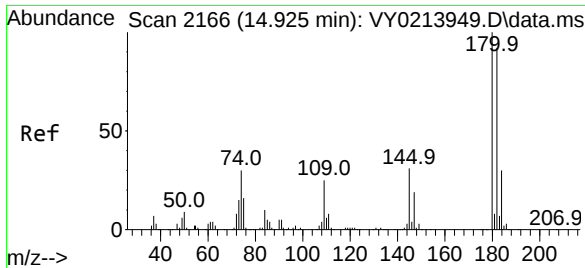
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.7	62.1
148	64.2	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.184 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

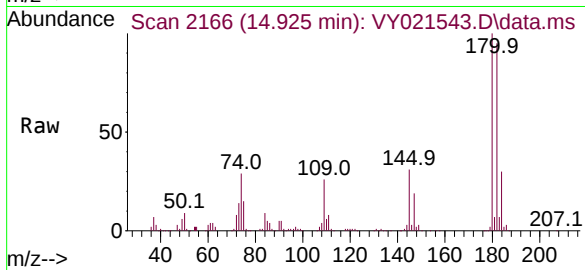
Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	43.5	130.5
157	106.4	54.4	163.2



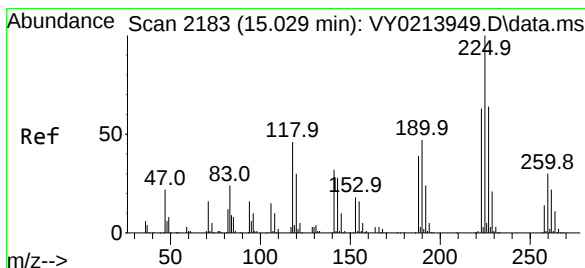
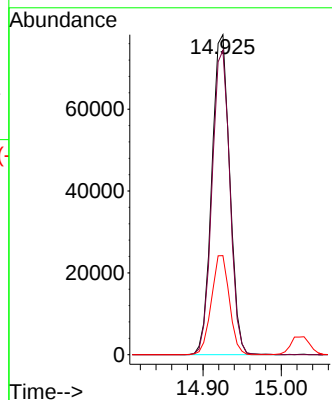
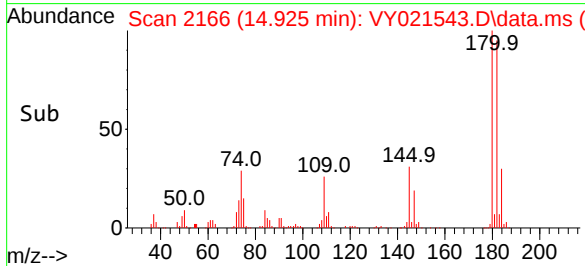


#93
 1,2,4-Trichlorobenzene
 Concen: 49.419 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Instrument :
 MSVOA_Y
 ClientSampleId :

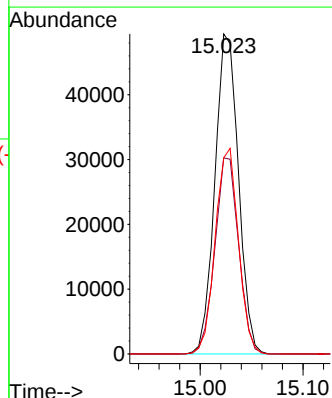
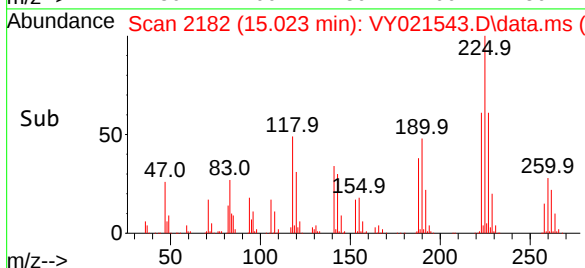
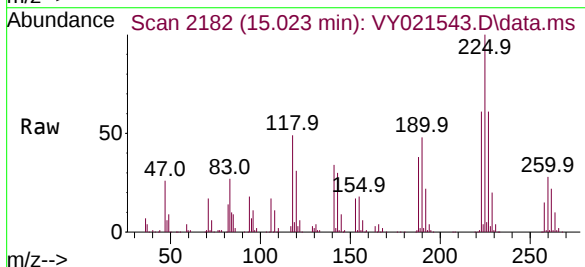


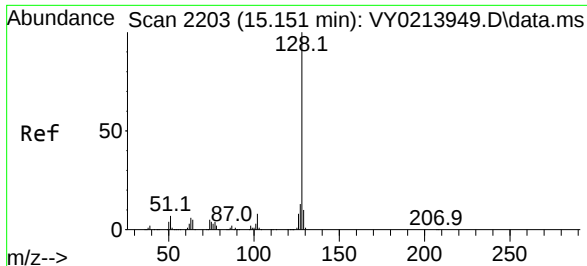
Tgt Ion:180 Resp: 124226
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.7 140.0
 145 31.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 49.862 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021543.D
 Acq: 17 Mar 2025 10:04

Tgt Ion:225 Resp: 78569
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.2
 227 63.2 31.8 95.4

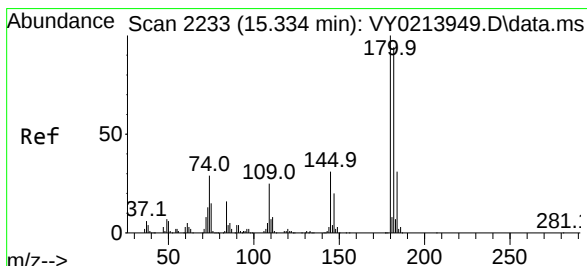
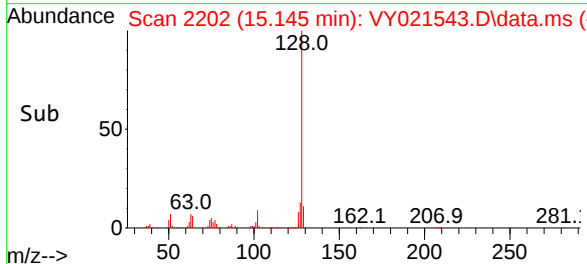
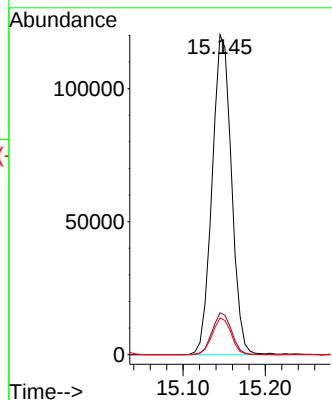
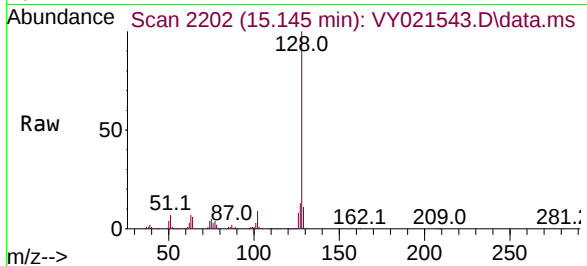




#95
Naphthalene
Concen: 46.684 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 196640
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.631 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021543.D
Acq: 17 Mar 2025 10:04

Tgt Ion:180 Resp: 102815
Ion Ratio Lower Upper
180 100
182 97.6 47.2 141.6
145 33.0 16.4 49.1

