

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022514.D
 Acq On : 03 Jun 2025 11:38
 Operator : SY/MD
 Sample : VY0603SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

Quant Time: Jun 04 04:10:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	196295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	277257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111211	50.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.634	113	102540	51.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.109	98	423577	52.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	12.408	95	120123	50.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39450	22.448	ug/l	92
3) Chloromethane	2.068	50	115283	22.204	ug/l	98
4) Vinyl Chloride	2.202	62	133679	22.195	ug/l	98
5) Bromomethane	2.592	94	122385	21.200	ug/l	99
6) Chloroethane	2.732	64	89448	21.637	ug/l	96
7) Trichlorofluoromethane	3.049	101	108350	21.191	ug/l	98
8) Diethyl Ether	3.458	74	24283	21.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	43506	20.203	ug/l	97
10) Methyl Iodide	4.007	142	46266	19.853	ug/l	100
11) Tert butyl alcohol	4.872	59	16220	103.440	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	44732	21.731	ug/l	97
13) Acrolein	3.659	56	20248	103.612	ug/l	95
14) Allyl chloride	4.385	41	66730	20.650	ug/l	98
15) Acrylonitrile	5.055	53	47639	97.686	ug/l	96
16) Acetone	3.879	43	51428	115.345	ug/l	98
17) Carbon Disulfide	4.104	76	140692	21.348	ug/l	99
18) Methyl Acetate	4.391	43	25743	19.498	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	118588	20.454	ug/l	97
20) Methylene Chloride	4.616	84	48900	19.308	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	48144	20.897	ug/l	98
22) Diisopropyl ether	6.018	45	152316	21.175	ug/l	99
23) Vinyl Acetate	5.964	43	430636	101.150	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89303	21.074	ug/l	98
25) 2-Butanone	6.896	43	69185	107.575	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80364	21.464	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	57093	21.440	ug/l	99
28) Bromochloromethane	7.250	49	38497	20.841	ug/l	99
29) Tetrahydrofuran	7.262	42	39069	94.187	ug/l	97
30) Chloroform	7.421	83	90558	21.576	ug/l	98
31) Cyclohexane	7.707	56	83149	19.710	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	78839	21.159	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67396	20.845	ug/l	100
37) Ethyl Acetate	6.988	43	29632	20.551	ug/l	99
38) Carbon Tetrachloride	7.817	117	69195	20.862	ug/l	97
39) Methylcyclohexane	9.109	83	88301	20.323	ug/l	98
40) Benzene	8.079	78	200930	21.041	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13338	15.837	ug/l #	85
42) 1,2-Dichloroethane	8.164	62	54776	21.007	ug/l	98
43) Isopropyl Acetate	8.201	43	61432	19.728	ug/l	98
44) Trichloroethene	8.866	130	50293	21.548	ug/l	90
45) 1,2-Dichloropropane	9.140	63	46638	20.665	ug/l	99
46) Dibromomethane	9.231	93	25459	20.051	ug/l	98
47) Bromodichloromethane	9.420	83	67575	20.989	ug/l	100
48) Methyl methacrylate	9.225	41	28959	19.815	ug/l	98
49) 1,4-Dioxane	9.237	88	5727	380.729	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	150410	96.879	ug/l	100
52) Toluene	10.170	92	123263	20.539	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	60064	19.911	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	71904	20.477	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	33397	20.628	ug/l	92
56) Ethyl methacrylate	10.438	69	45653	19.510	ug/l	98
57) 1,3-Dichloropropane	10.719	76	58164	20.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	110692	104.188	ug/l	99
59) 2-Hexanone	10.762	43	102187	98.414	ug/l	99
60) Dibromochloromethane	10.908	129	41567	20.203	ug/l	100
61) 1,2-Dibromoethane	11.018	107	29473	19.973	ug/l	98
64) Tetrachloroethene	10.646	164	50817	21.307	ug/l	96
65) Chlorobenzene	11.438	112	129702	21.140	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	43105	20.856	ug/l	99
67) Ethyl Benzene	11.517	91	236352	20.770	ug/l	99
68) m/p-Xylenes	11.627	106	178031	41.269	ug/l	99
69) o-Xylene	11.956	106	83649	20.682	ug/l	100
70) Styrene	11.969	104	137611	20.583	ug/l	99
71) Bromoform	12.133	173	21869	19.883	ug/l #	99
73) Isopropylbenzene	12.255	105	220201	21.105	ug/l	100
74) N-amyl acetate	12.072	43	52673	20.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34208	19.977	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	48665	33.473	ug/l #	100
77) Bromobenzene	12.529	156	46055	20.918	ug/l	100
78) n-propylbenzene	12.597	91	269951	21.184	ug/l	99
79) 2-Chlorotoluene	12.682	91	142085	21.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	170919	20.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11460	19.036	ug/l	95
82) 4-Chlorotoluene	12.779	91	141886	20.364	ug/l	96
83) tert-Butylbenzene	12.999	119	156660	21.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	170782	20.846	ug/l	99
85) sec-Butylbenzene	13.176	105	235402	20.907	ug/l	99
86) p-Isopropyltoluene	13.292	119	190486	20.525	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	91645	20.544	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	89601	20.709	ug/l	99
89) n-Butylbenzene	13.615	91	189125	21.478	ug/l	99
90) Hexachloroethane	13.877	117	38174	21.128	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	79301	20.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4844	19.429	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	43264	20.945	ug/l	99
94) Hexachlorobutadiene	15.023	225	23654	20.747	ug/l	99
95) Naphthalene	15.145	128	76972	19.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	35926	20.294	ug/l	97

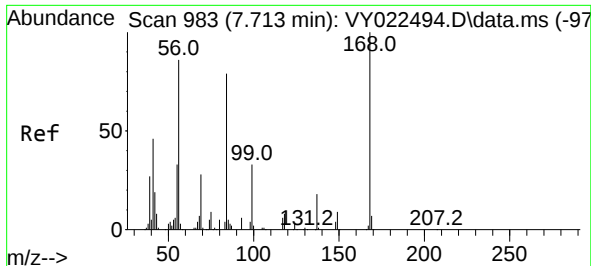
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
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Response via : Initial Calibration

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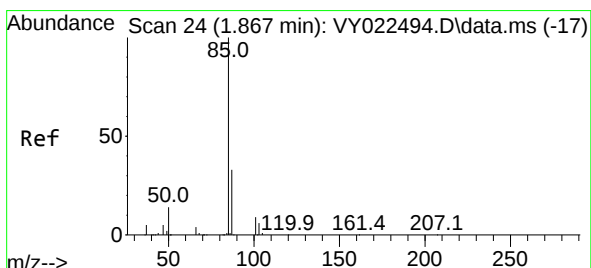
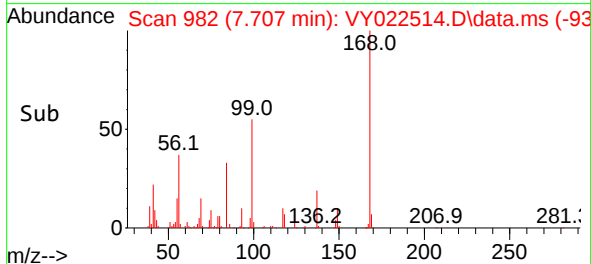
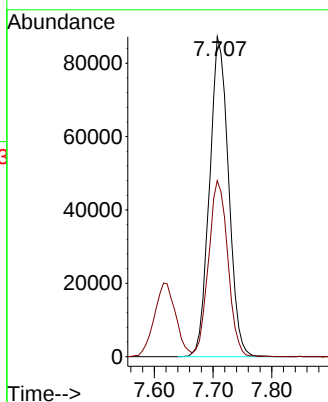
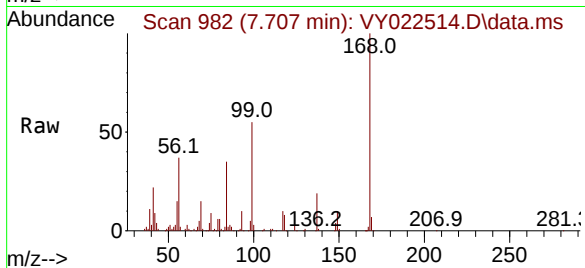
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

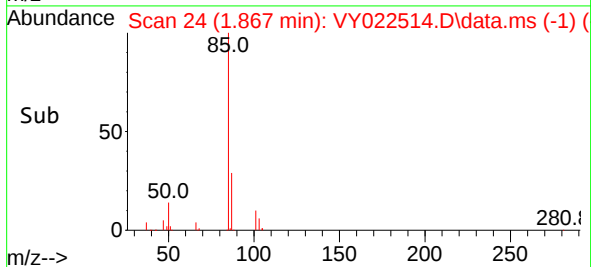
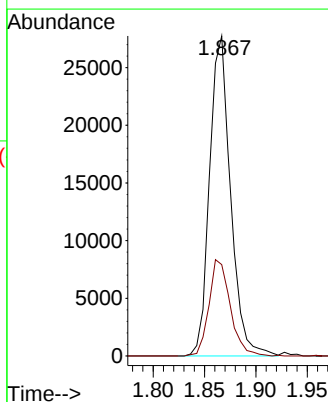
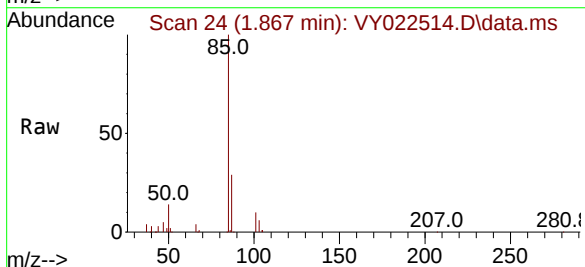
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion:168 Resp: 196295
Ion Ratio Lower Upper
168 100
99 55.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.448 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 85 Resp: 39450
Ion Ratio Lower Upper
85 100
87 28.5 16.7 50.0

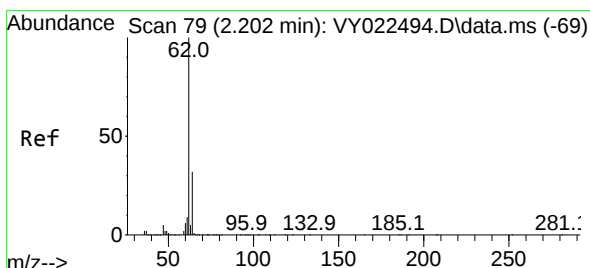
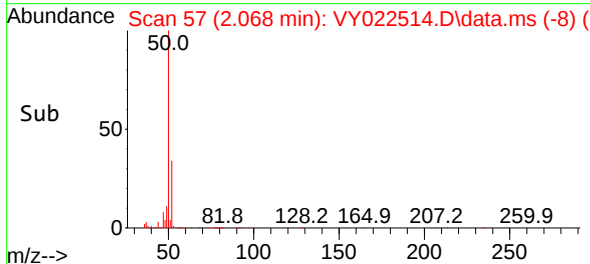
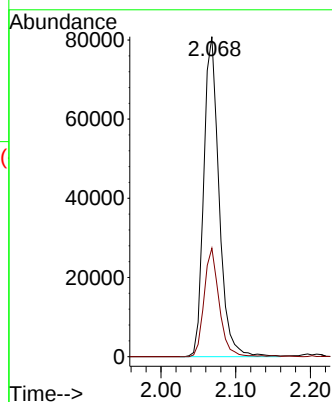
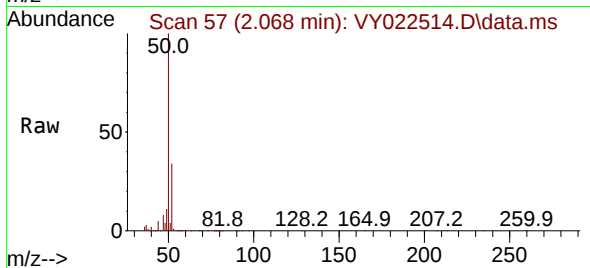




#3
Chloromethane
Concen: 22.204 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

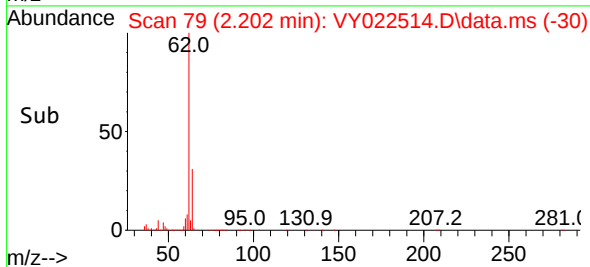
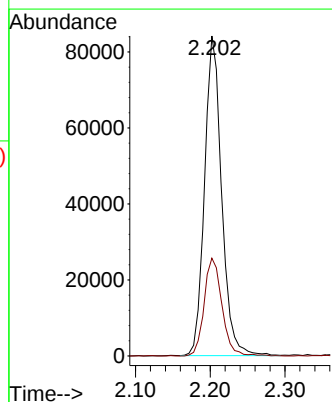
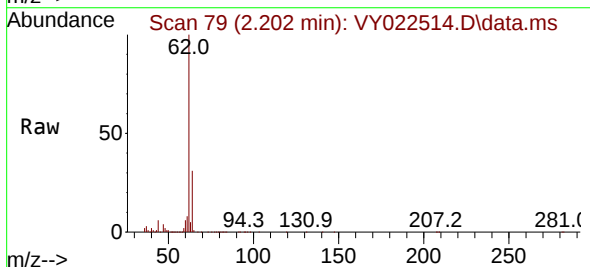
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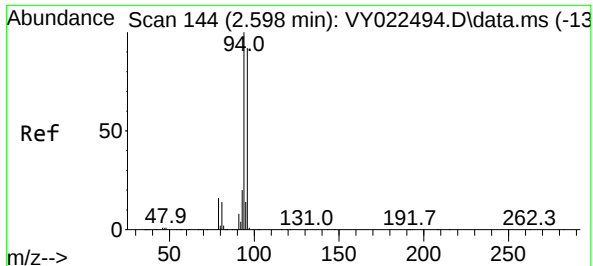
Tgt Ion: 50 Resp: 115283
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0



#4
Vinyl Chloride
Concen: 22.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 62 Resp: 133679
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9

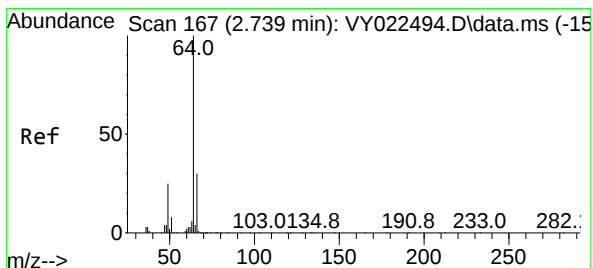
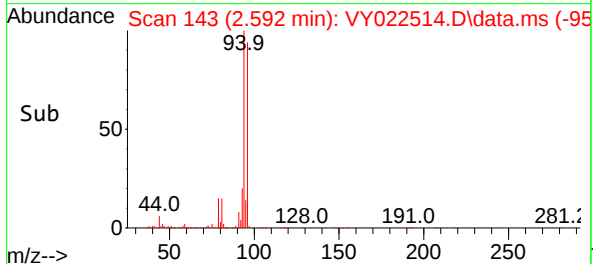
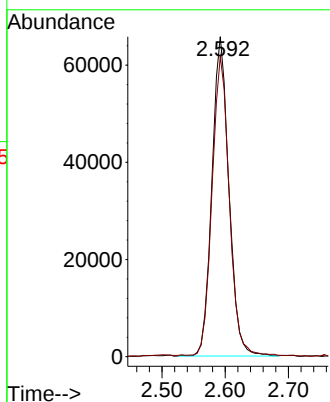
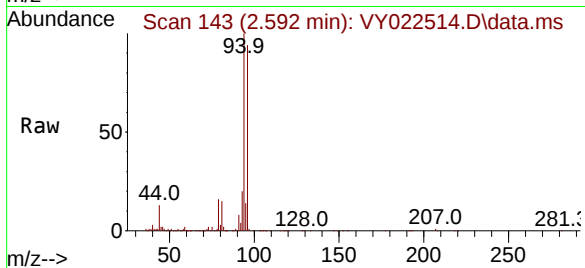




#5
Bromomethane
Concen: 21.200 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

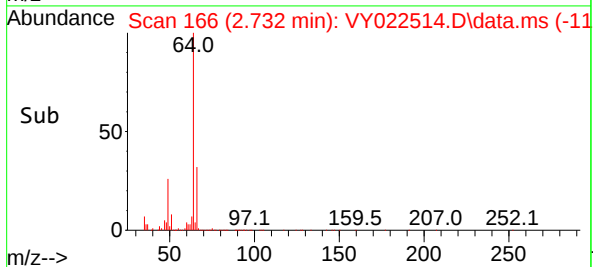
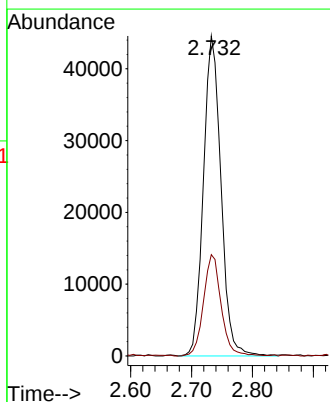
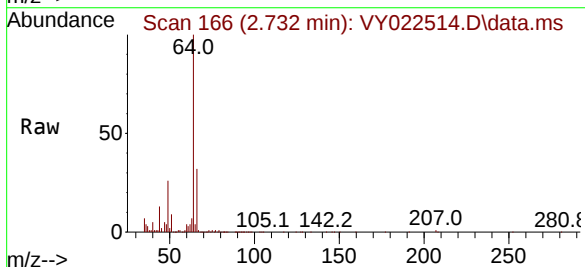
Instrument :
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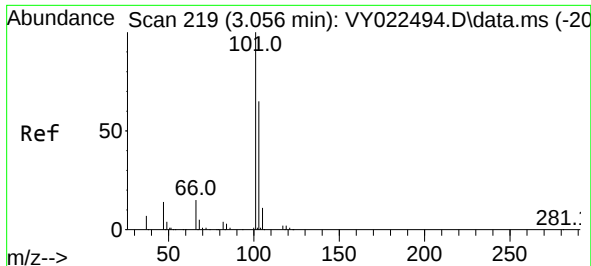
Tgt Ion: 94 Resp: 122385
Ion Ratio Lower Upper
94 100
96 93.6 74.0 111.0



#6
Chloroethane
Concen: 21.637 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 64 Resp: 89448
Ion Ratio Lower Upper
64 100
66 31.6 23.8 35.6

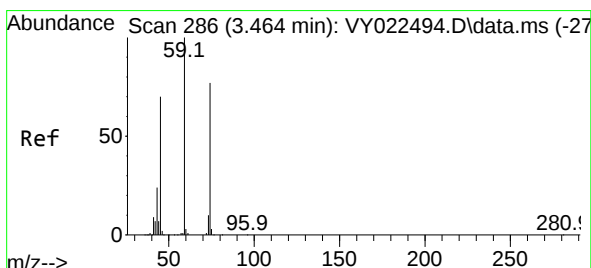
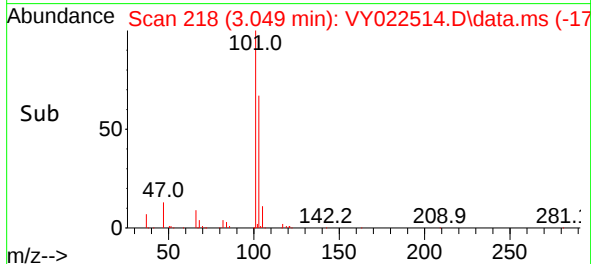
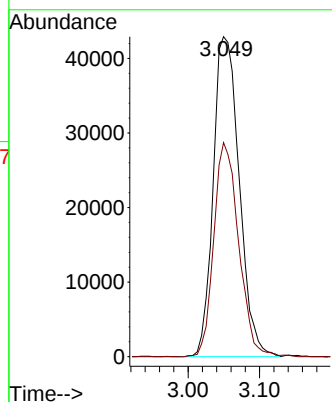
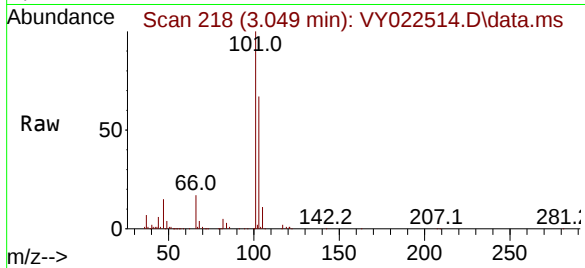




#7
 Trichlorofluoromethane
 Concen: 21.191 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

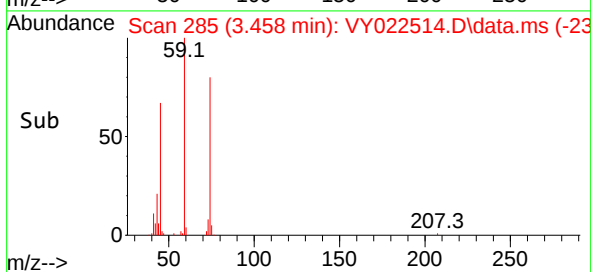
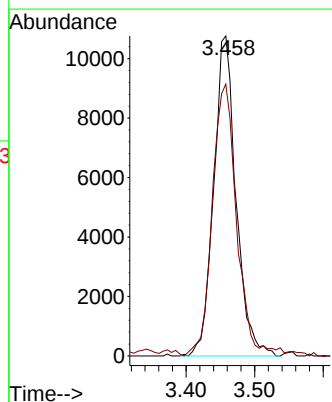
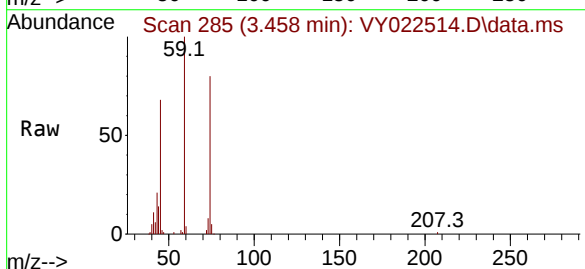
Instrument :
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 VY0603SBSD01

Tgt Ion:101 Resp: 108350
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.088 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

Tgt Ion: 74 Resp: 24283
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.9 137.6

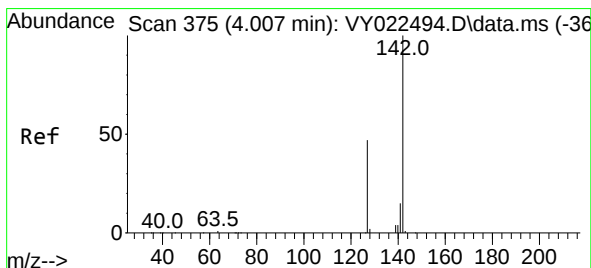
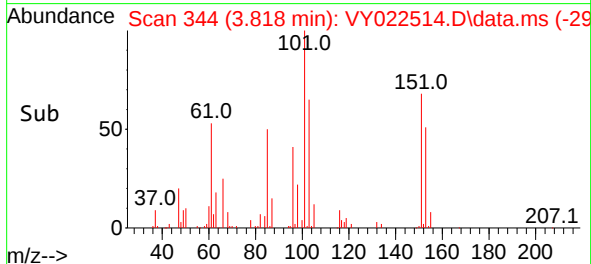
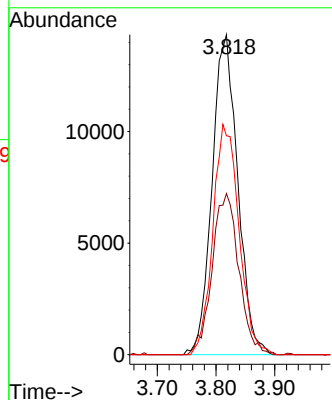
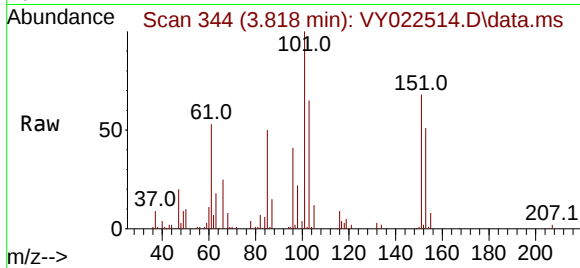




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.203 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022514.D
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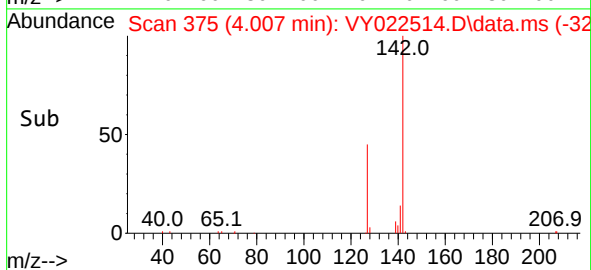
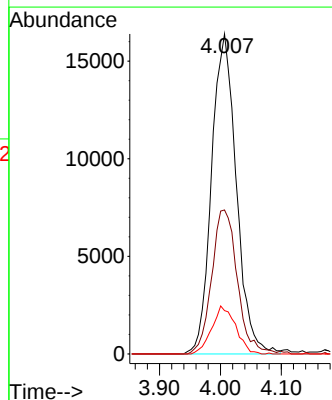
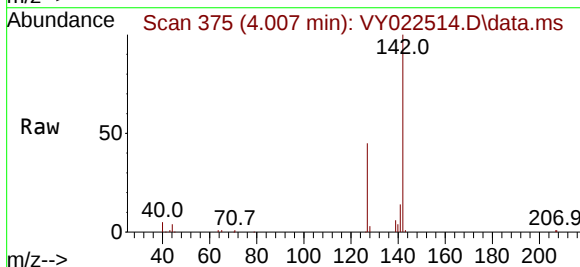
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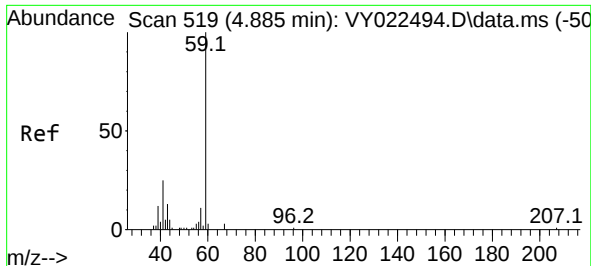
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Ion Ratio Lower Upper
101 100
85 52.4 39.3 58.9
151 73.4 57.8 86.8



#10
Methyl Iodide
Concen: 19.853 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:142 Resp: 46266
Ion Ratio Lower Upper
142 100
127 46.5 37.1 55.7
141 14.5 11.4 17.2

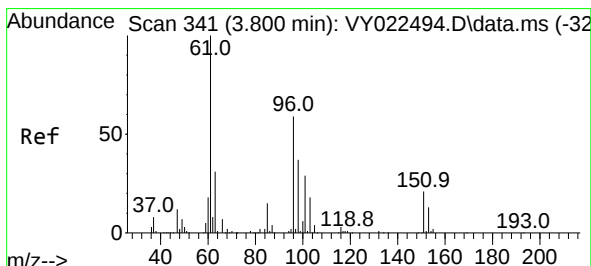
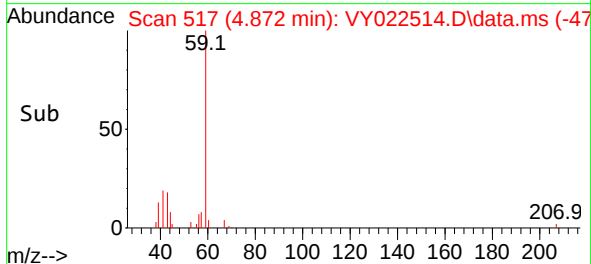
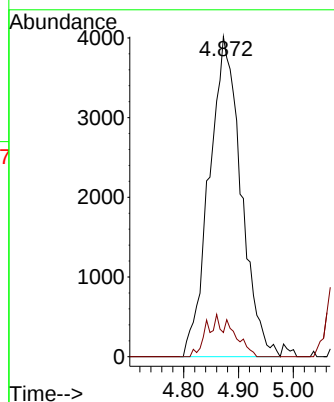
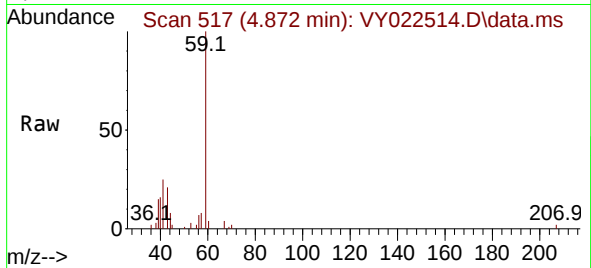




#11
Tert butyl alcohol
Concen: 103.440 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

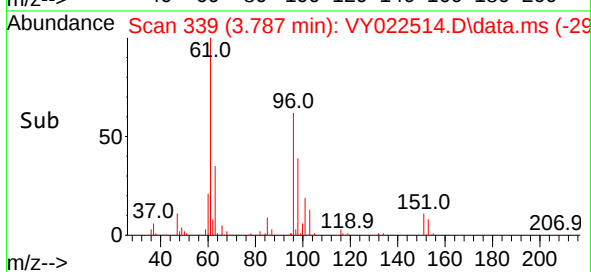
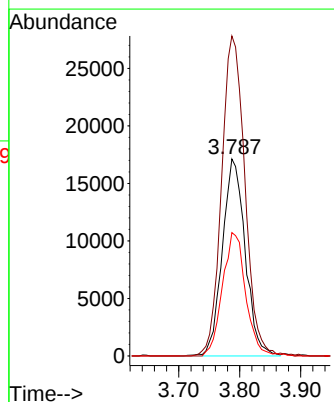
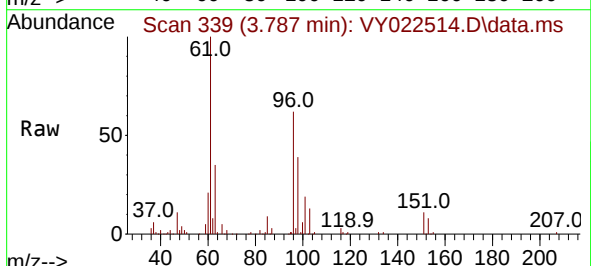
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

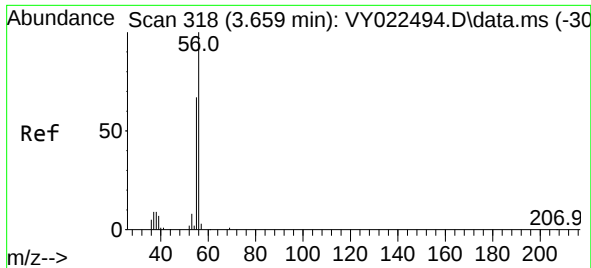
Tgt Ion: 59 Resp: 16220
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.731 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 96 Resp: 44732
Ion Ratio Lower Upper
96 100
61 162.4 134.6 201.8
98 62.7 50.2 75.4

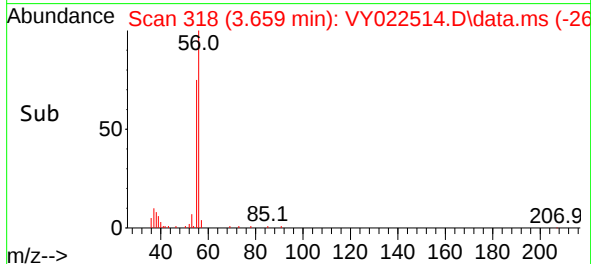
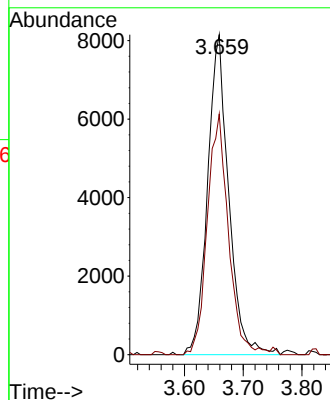
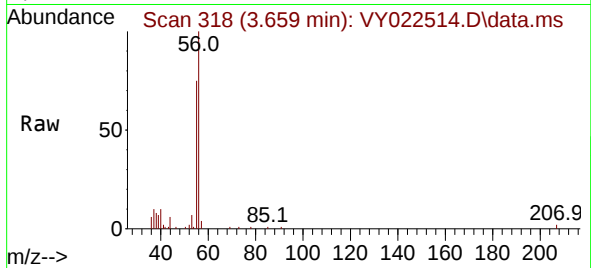




#13
Acrolein
Concen: 103.612 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

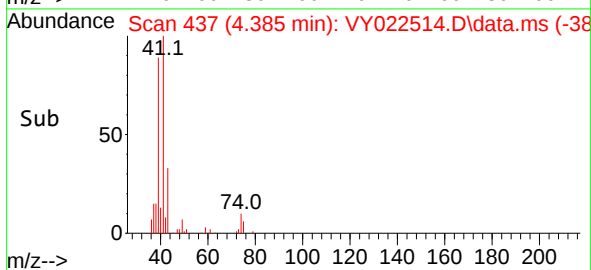
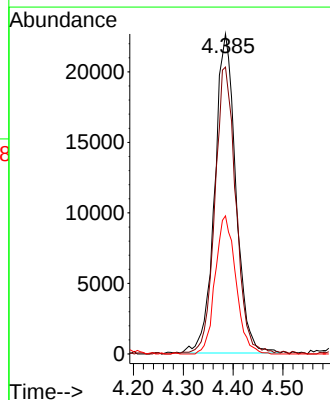
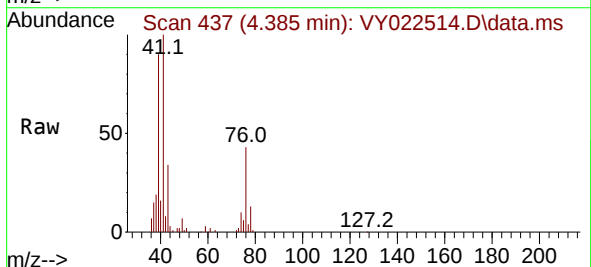
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

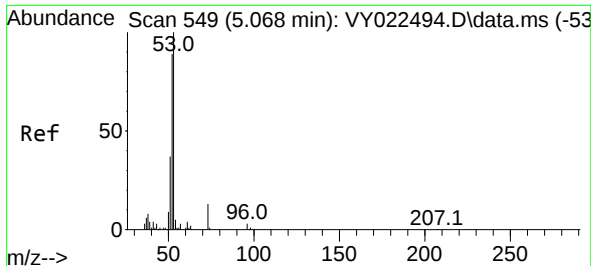
Tgt Ion: 56 Resp: 20248
Ion Ratio Lower Upper
56 100
55 75.4 57.0 85.6



#14
Allyl chloride
Concen: 20.650 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

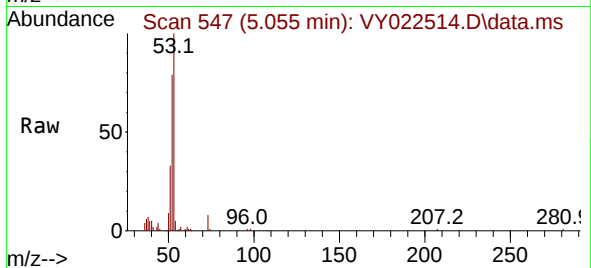
Tgt Ion: 41 Resp: 66730
Ion Ratio Lower Upper
41 100
39 89.3 69.1 103.7
76 42.2 33.5 50.3





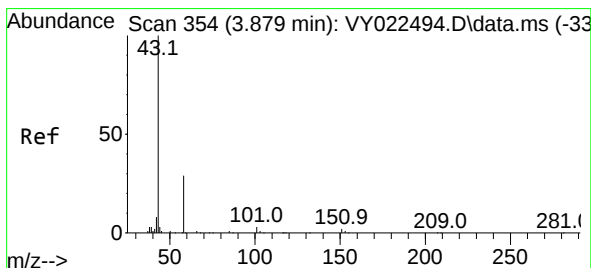
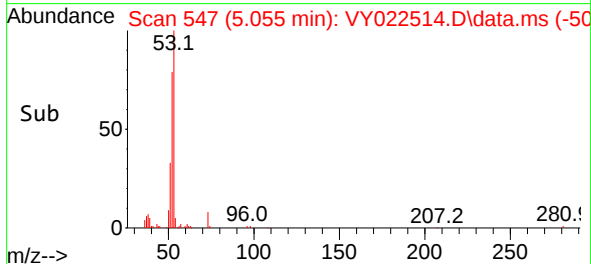
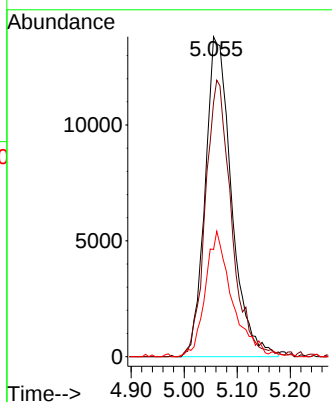
#15
Acrylonitrile
Concen: 97.686 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01



Tgt Ion: 53 Resp: 47639

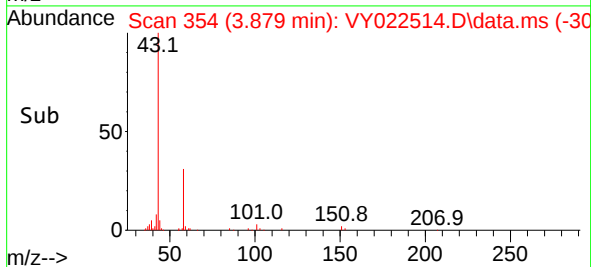
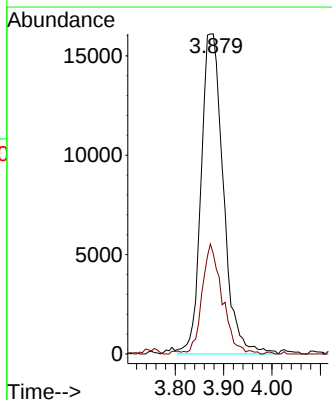
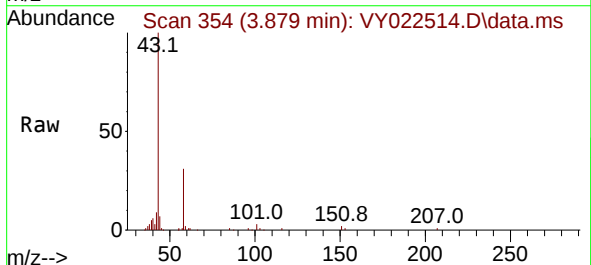
Ion	Ratio	Lower	Upper
53	100		
52	85.4	65.7	98.5
51	39.7	30.1	45.1

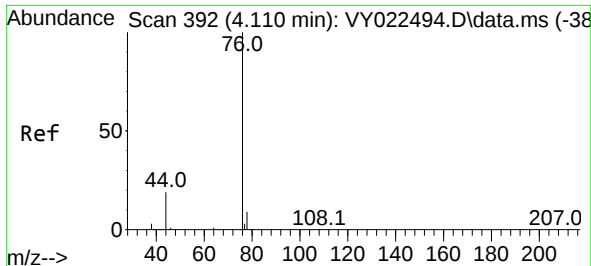


#16
Acetone
Concen: 115.345 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 51428

Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.0	36.0

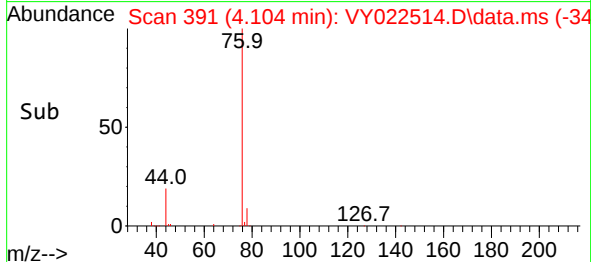
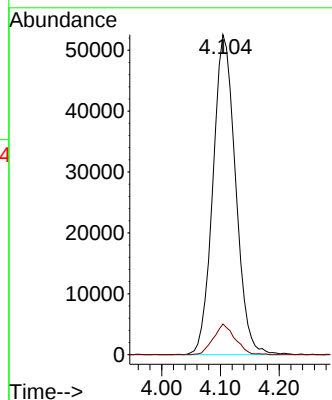
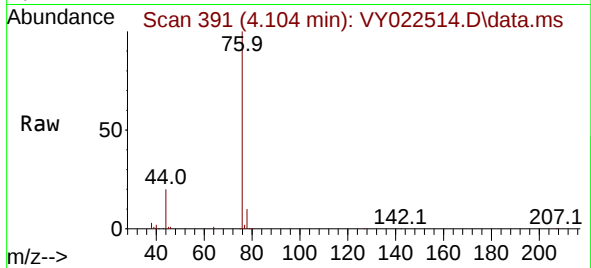




#17
Carbon Disulfide
Concen: 21.348 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

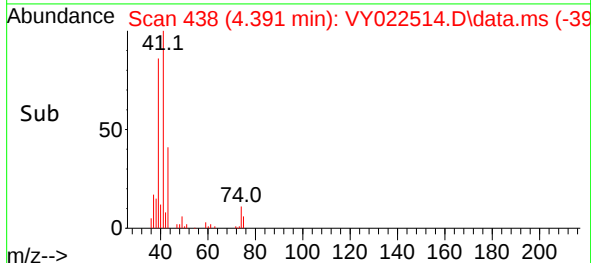
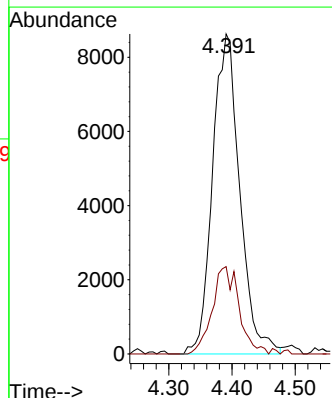
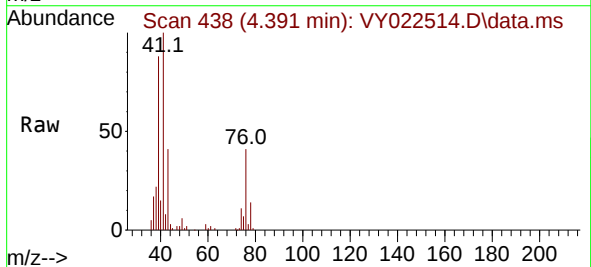
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

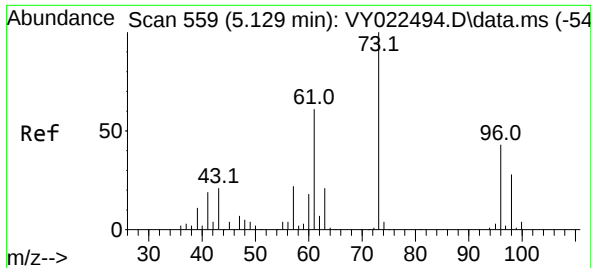
Tgt Ion: 76 Resp: 140692
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 19.498 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 25743
Ion Ratio Lower Upper
43 100
74 26.8 19.8 29.6

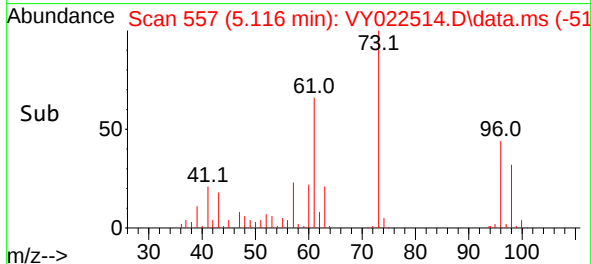
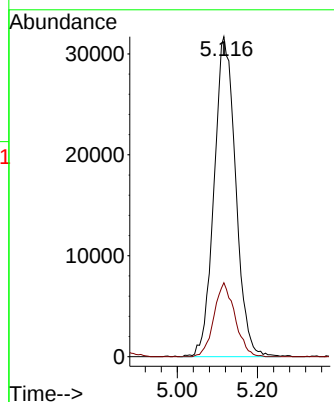
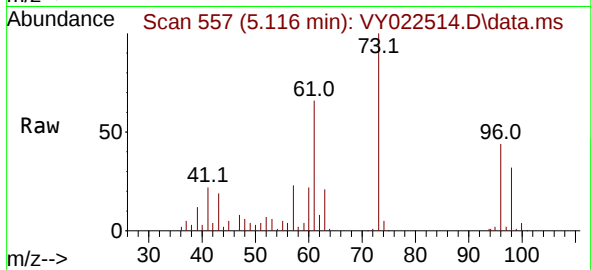




#19
Methyl tert-butyl Ether
Concen: 20.454 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

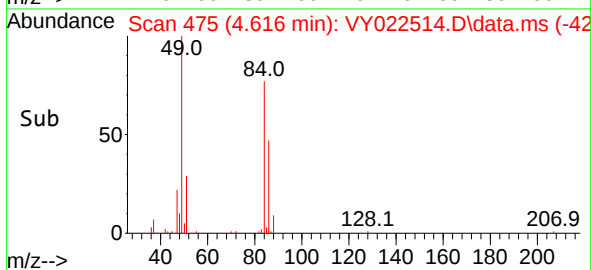
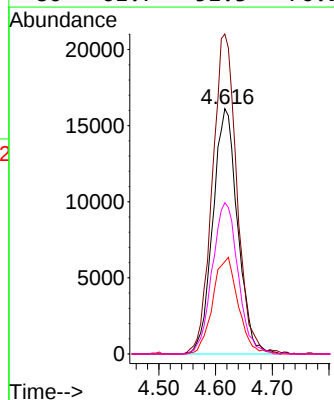
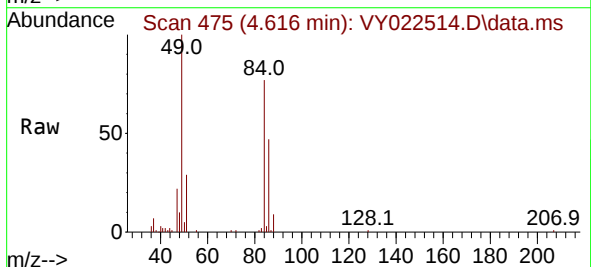
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

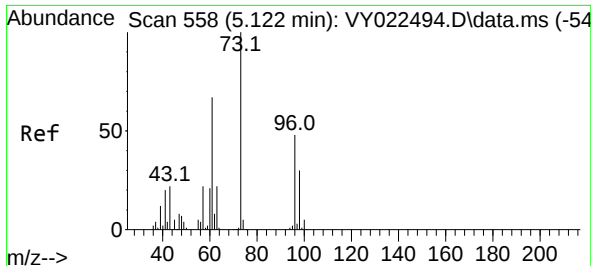
Tgt Ion: 73 Resp: 118588
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 19.308 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 84 Resp: 48900
Ion Ratio Lower Upper
84 100
49 130.5 101.9 152.9
51 37.6 29.8 44.8
86 61.7 51.3 76.9

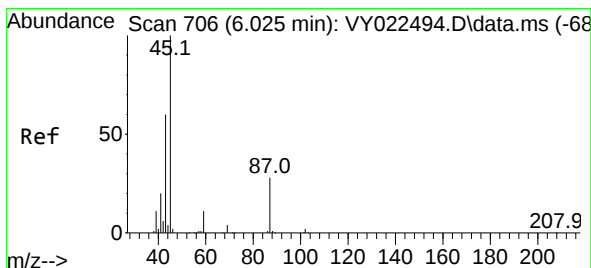
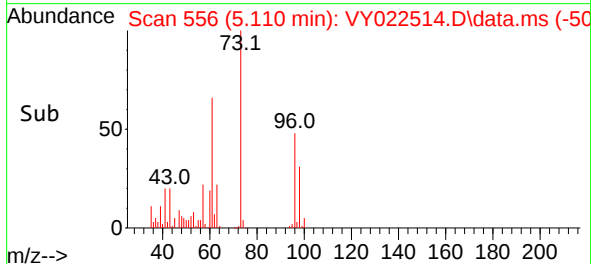
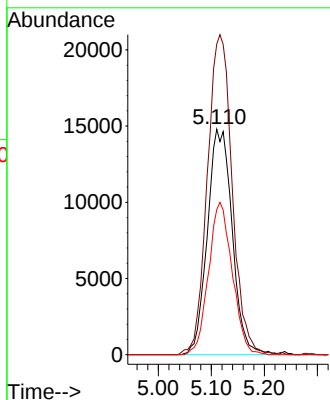
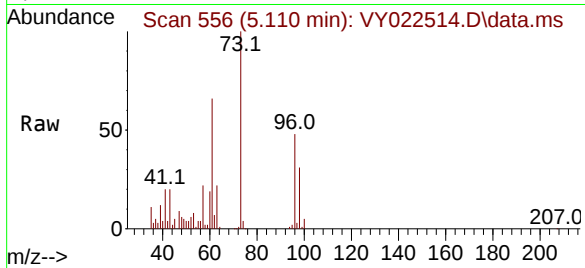




#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

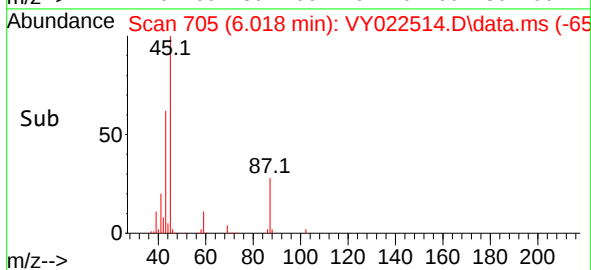
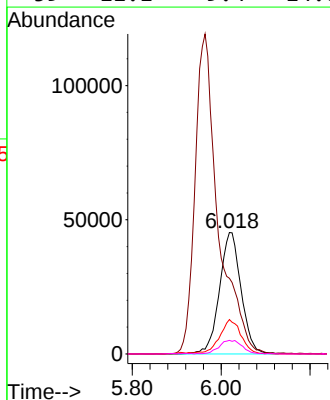
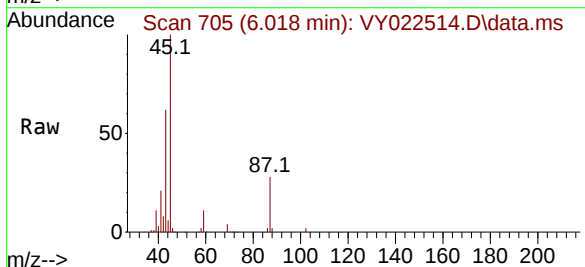
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 96 Resp: 48144
Ion Ratio Lower Upper
96 100
61 137.9 112.6 169.0
98 64.4 50.6 75.8



#22
Diisopropyl ether
Concen: 21.175 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 45 Resp: 152316
Ion Ratio Lower Upper
45 100
43 61.6 48.3 72.5
87 28.3 23.0 34.6
59 11.1 9.4 14.0

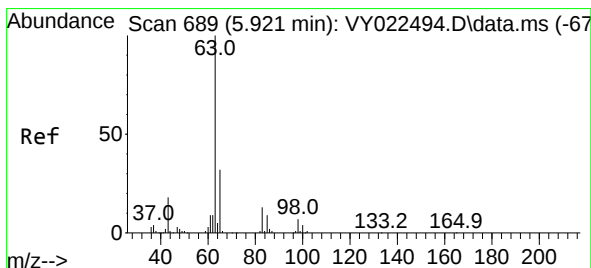
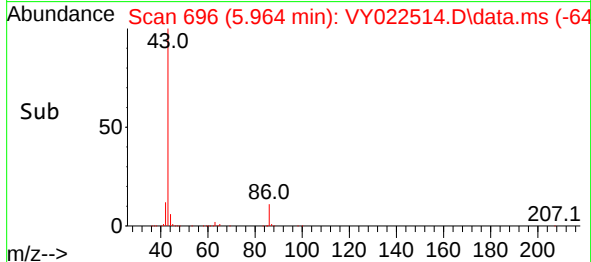
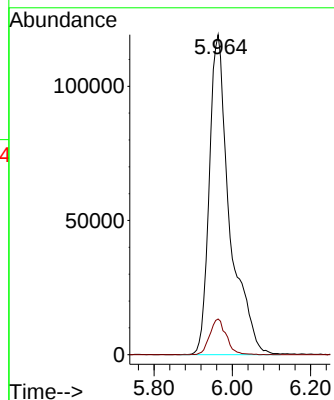
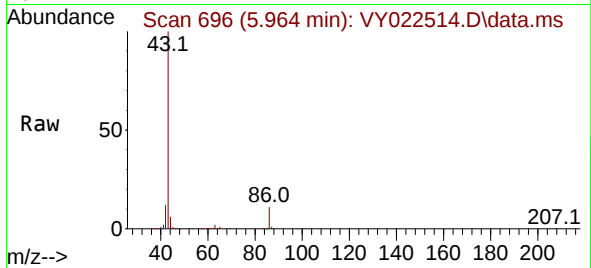




#23
 Vinyl Acetate
 Concen: 101.150 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

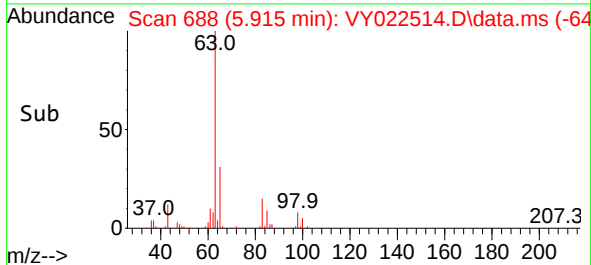
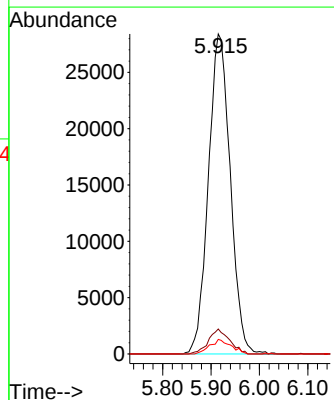
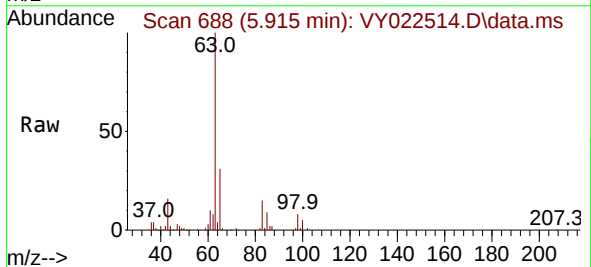
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Tgt Ion: 43 Resp: 430636
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.074 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

Tgt Ion: 63 Resp: 89303
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.1
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 107.575 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

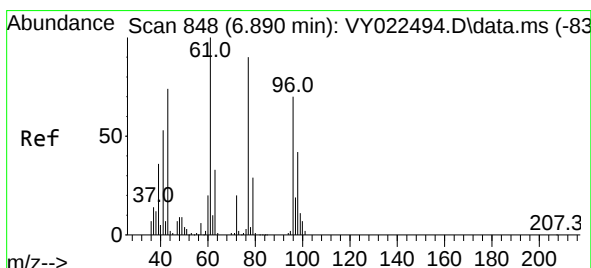
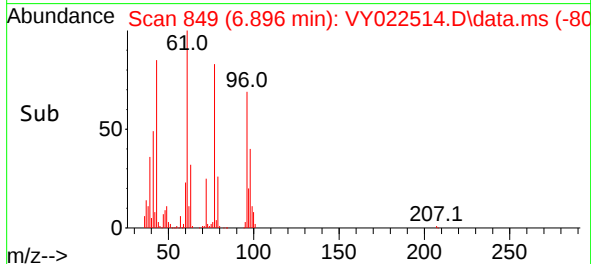
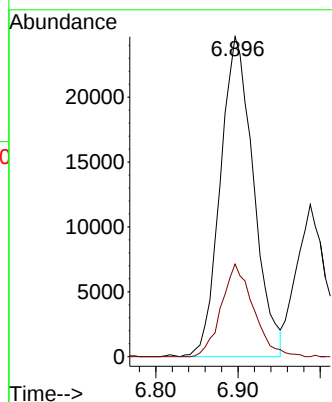
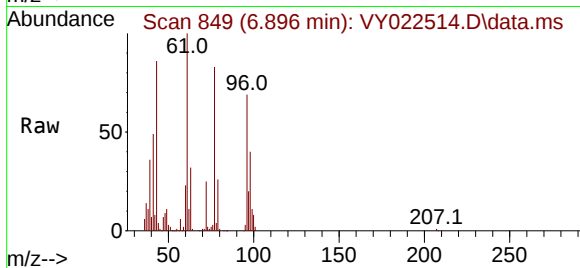
VY0603SBS01

Tgt Ion: 43 Resp: 69185

Ion Ratio Lower Upper

43 100

72 28.9 22.9 34.3



#26

2,2-Dichloropropane

Concen: 21.464 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022514.D

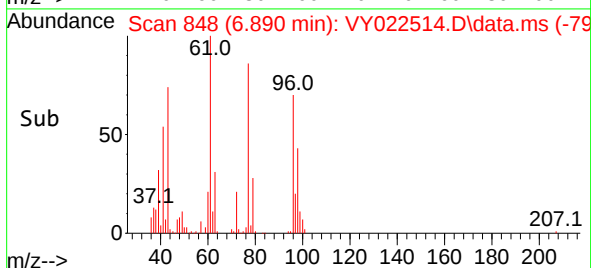
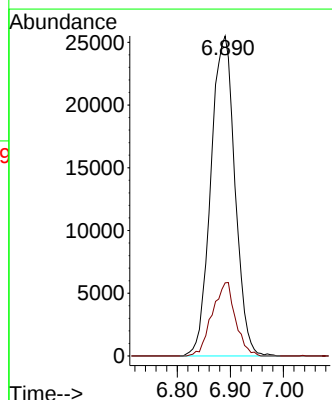
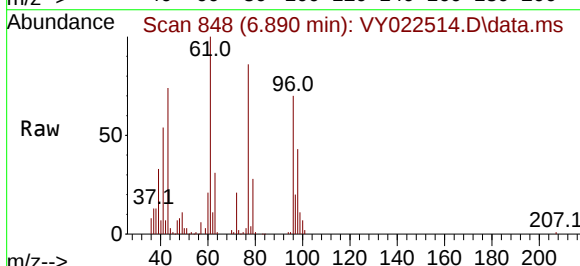
Acq: 03 Jun 2025 11:38

Tgt Ion: 77 Resp: 80364

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.440 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

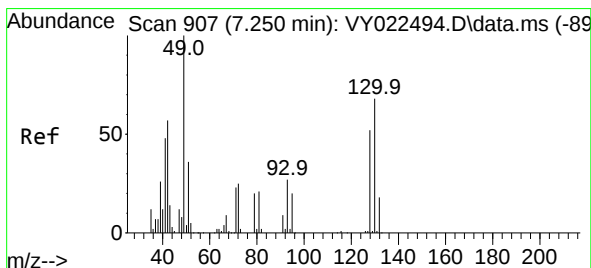
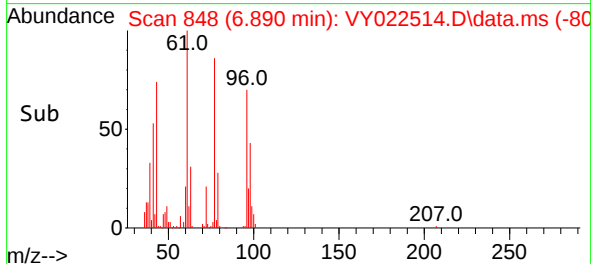
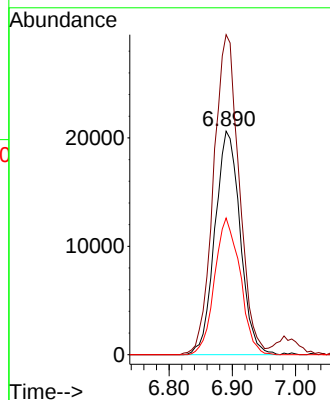
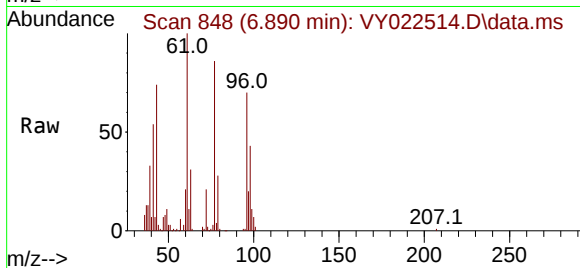
Tgt Ion: 96 Resp: 57093

Ion Ratio Lower Upper

96 100

61 145.1 0.0 290.0

98 61.8 0.0 128.4



#28

Bromochloromethane

Concen: 20.841 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

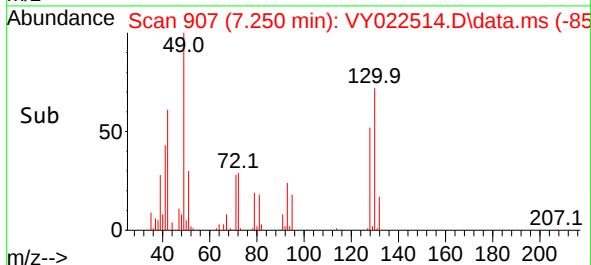
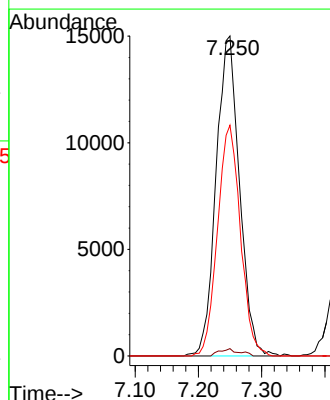
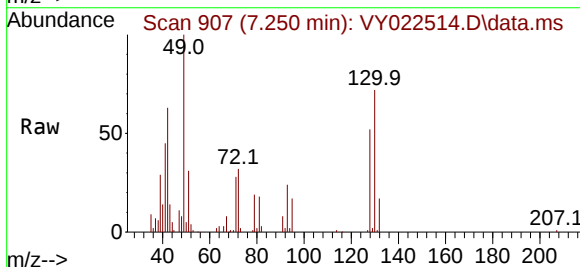
Tgt Ion: 49 Resp: 38497

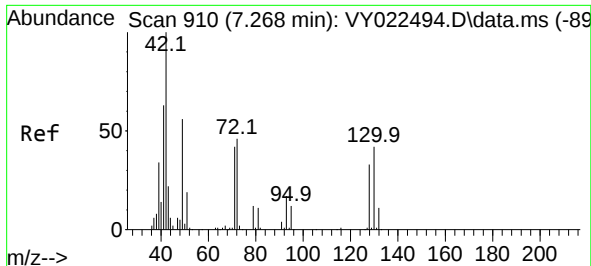
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 70.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 94.187 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

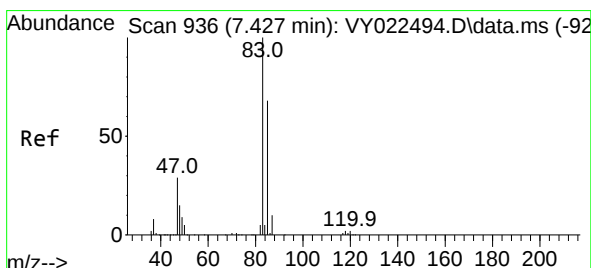
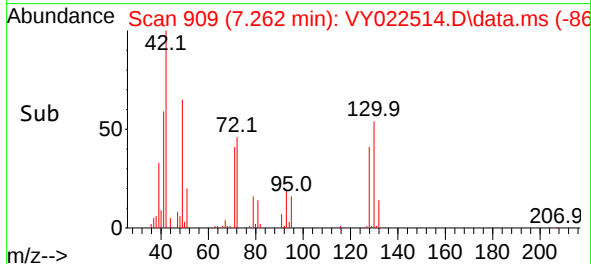
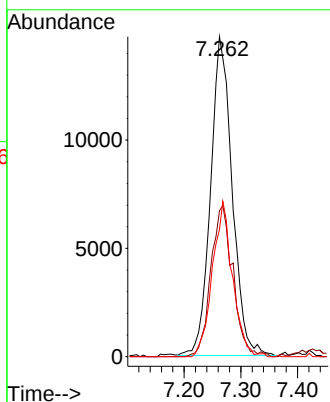
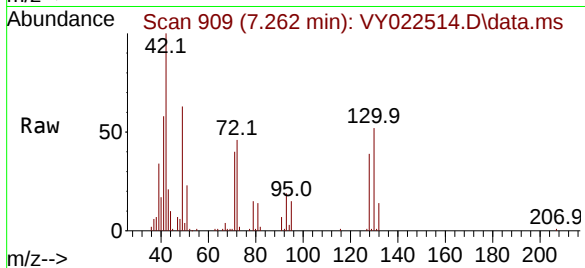
Tgt Ion: 42 Resp: 39069

Ion Ratio Lower Upper

42 100

72 48.3 37.4 56.2

71 45.3 34.2 51.2



#30

Chloroform

Concen: 21.576 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022514.D

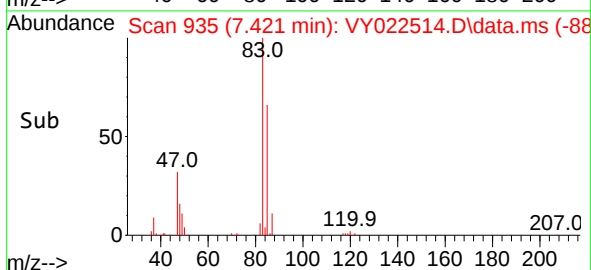
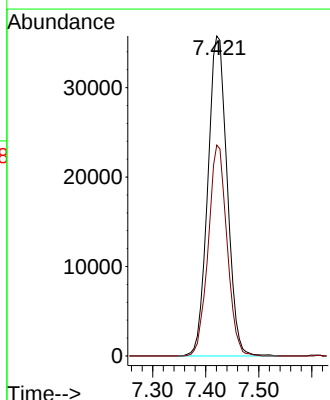
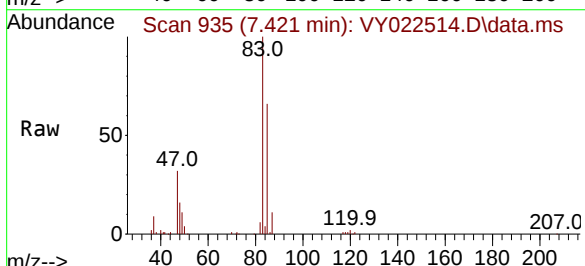
Acq: 03 Jun 2025 11:38

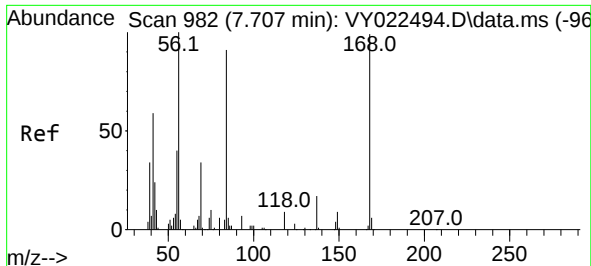
Tgt Ion: 83 Resp: 90558

Ion Ratio Lower Upper

83 100

85 65.9 54.2 81.4

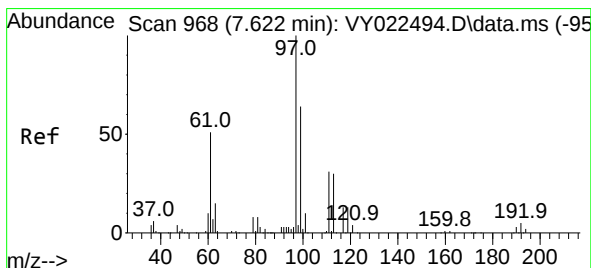
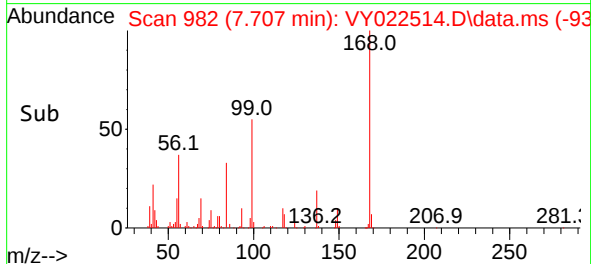
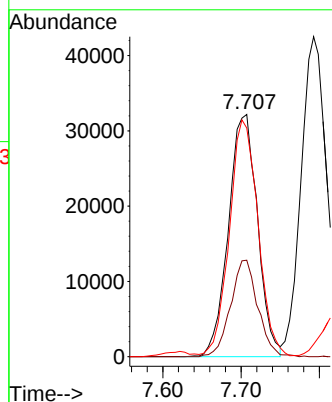
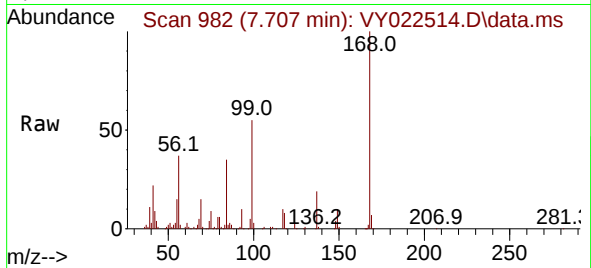




#31
Cyclohexane
Concen: 19.710 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

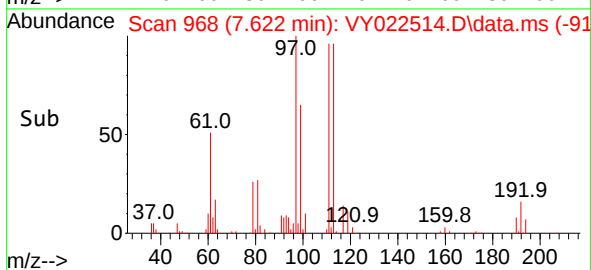
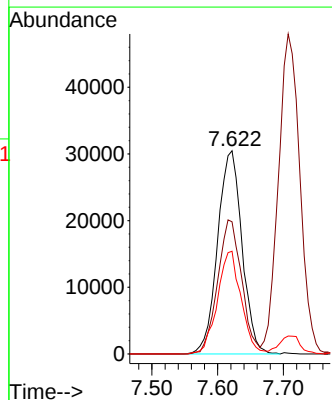
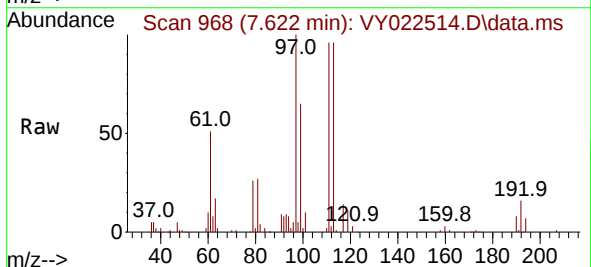
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 56 Resp: 83149
Ion Ratio Lower Upper
56 100
69 39.9 27.0 40.6
84 92.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.159 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 97 Resp: 78839
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 49.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.655 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

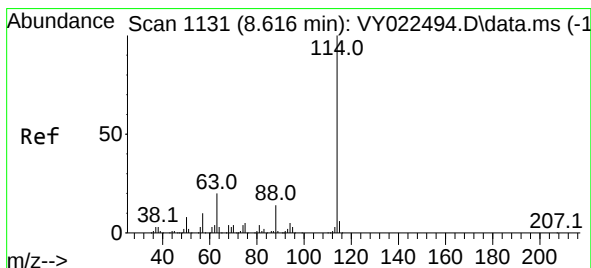
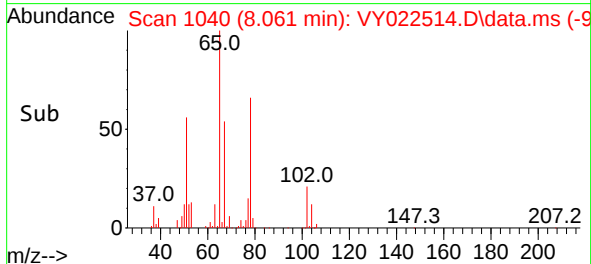
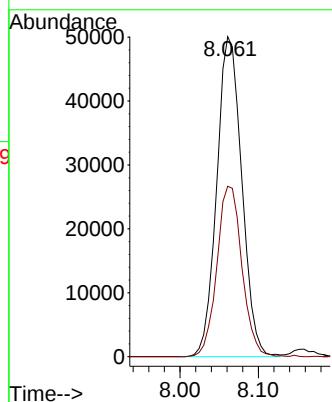
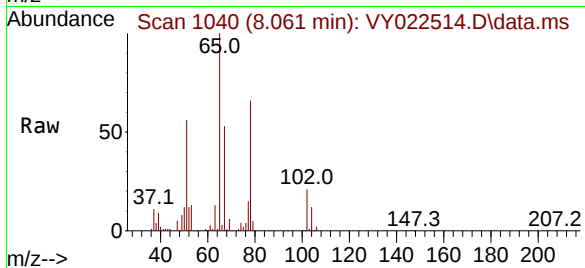
VY0603SBS01

Tgt Ion: 65 Resp: 111211

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

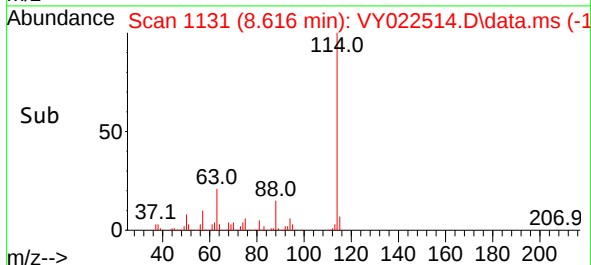
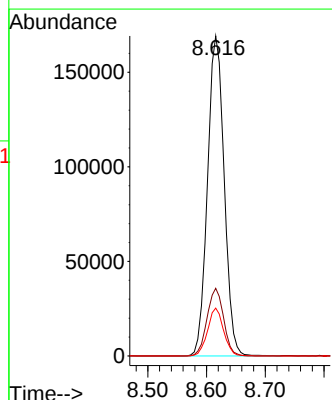
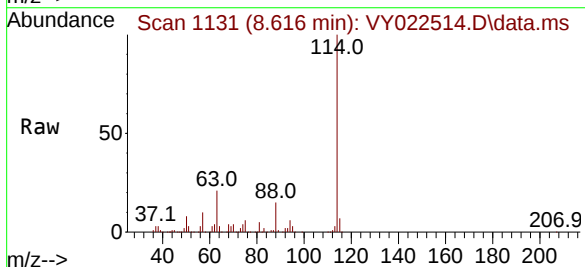
Tgt Ion: 114 Resp: 333757

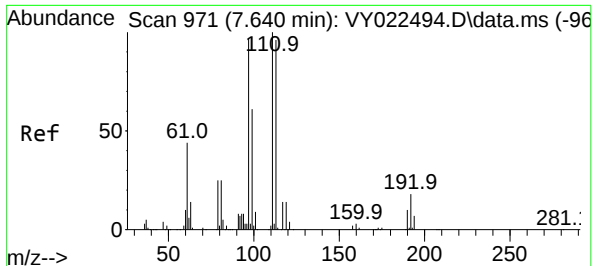
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 14.9 0.0 27.8

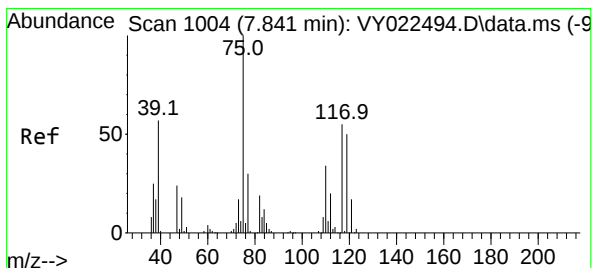
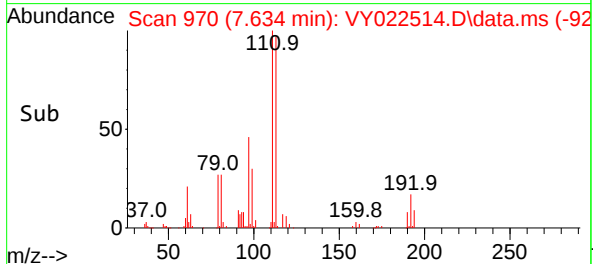
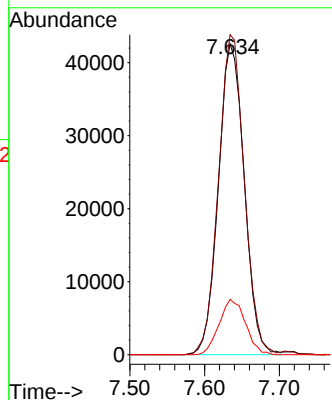
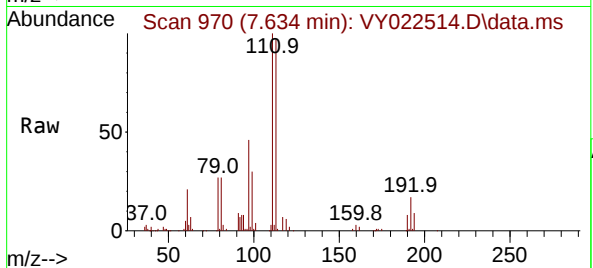




#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

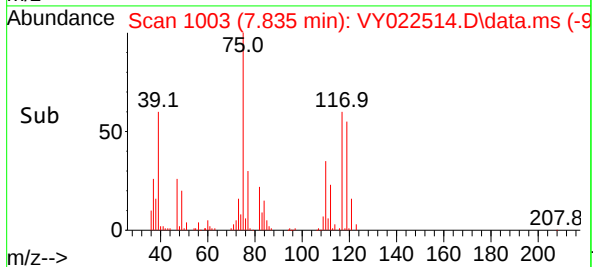
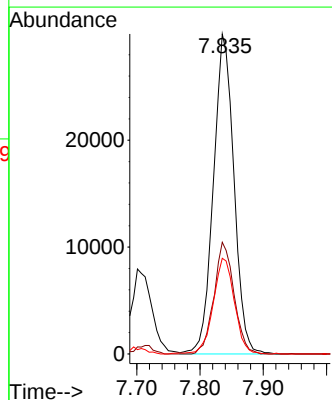
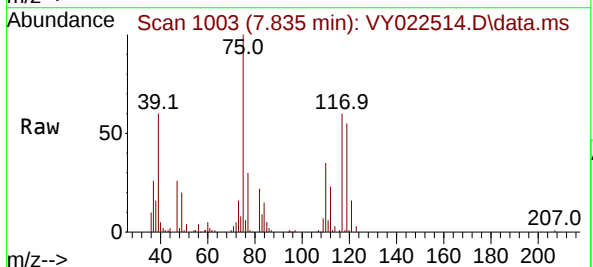
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:113 Resp: 102540
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.845 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 67396
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.7
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 20.551 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

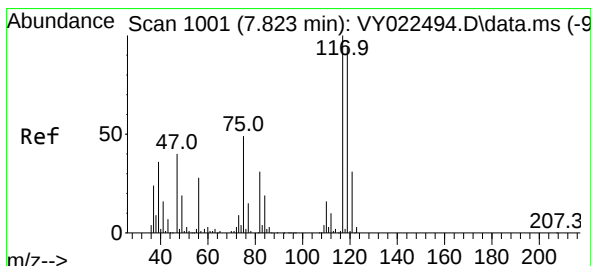
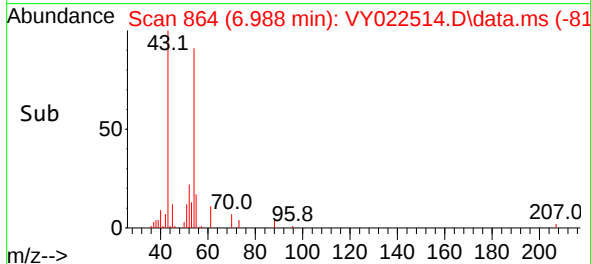
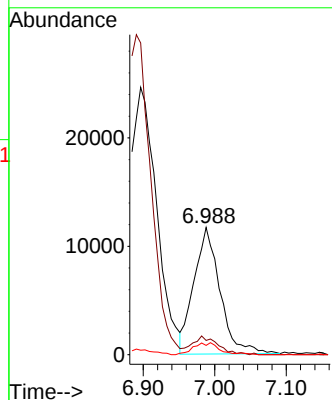
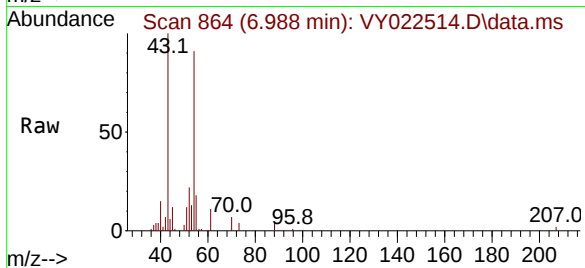
Tgt Ion: 43 Resp: 29632

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.862 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

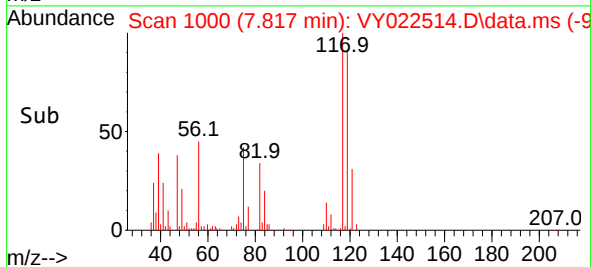
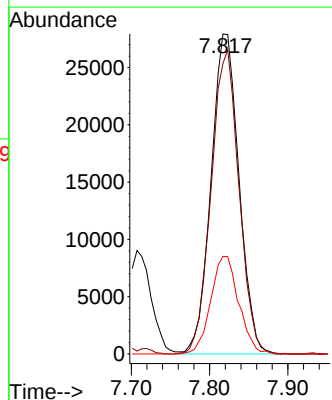
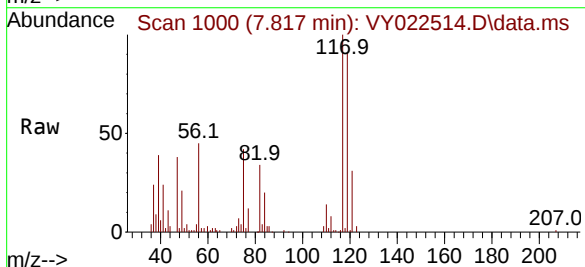
Tgt Ion: 117 Resp: 69195

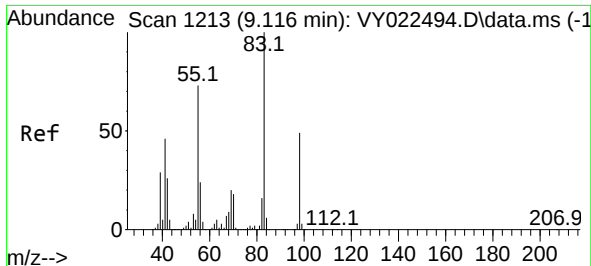
Ion Ratio Lower Upper

117 100

119 90.7 75.0 112.6

121 30.5 25.0 37.4





#39

Methylcyclohexane

Concen: 20.323 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

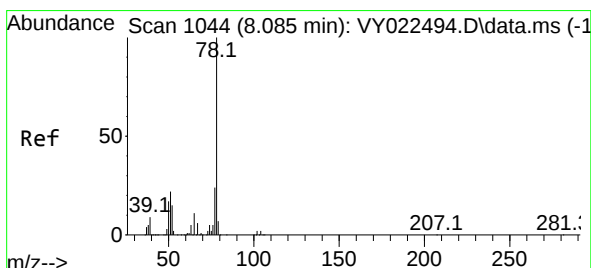
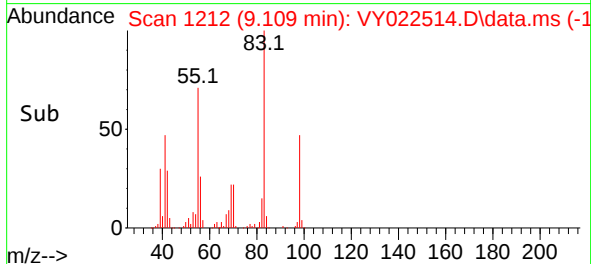
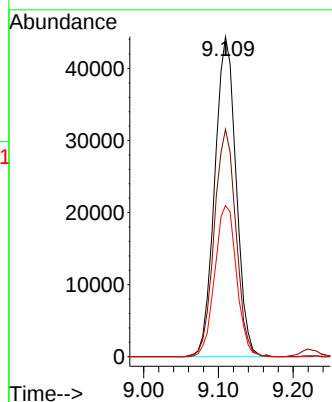
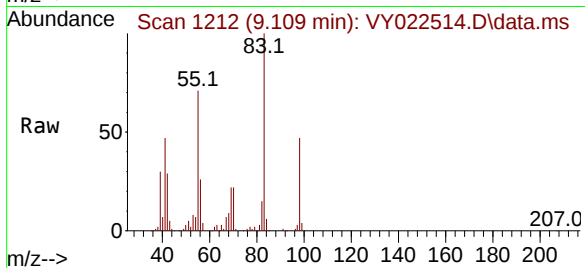
Tgt Ion: 83 Resp: 88301

Ion Ratio Lower Upper

83 100

55 71.1 58.1 87.1

98 47.2 39.0 58.6



#40

Benzene

Concen: 21.041 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022514.D

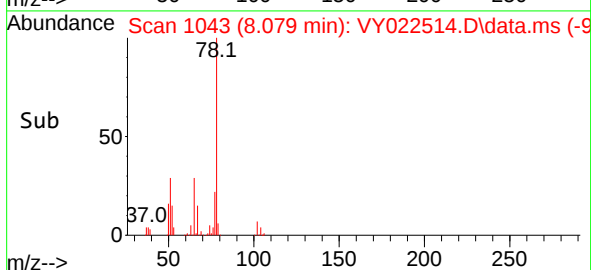
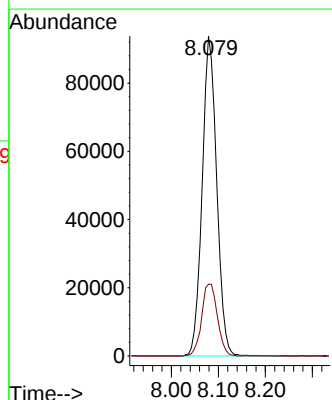
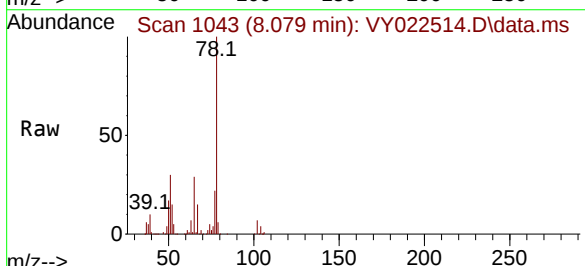
Acq: 03 Jun 2025 11:38

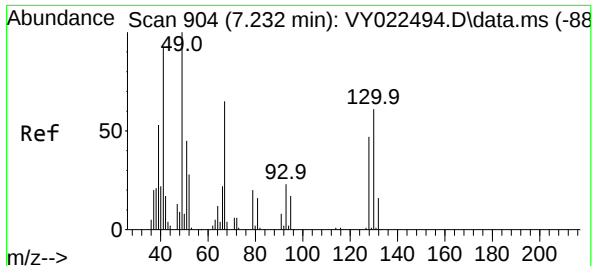
Tgt Ion: 78 Resp: 200930

Ion Ratio Lower Upper

78 100

77 22.4 19.3 28.9

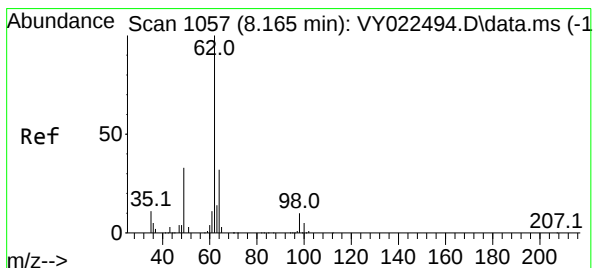
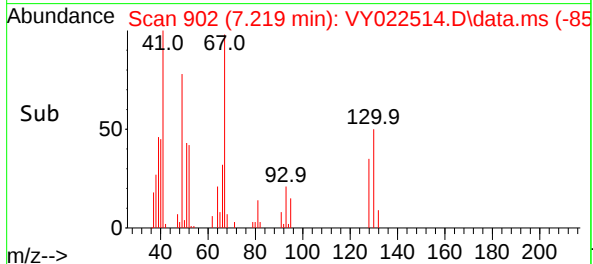
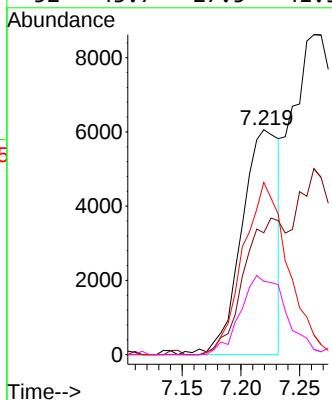
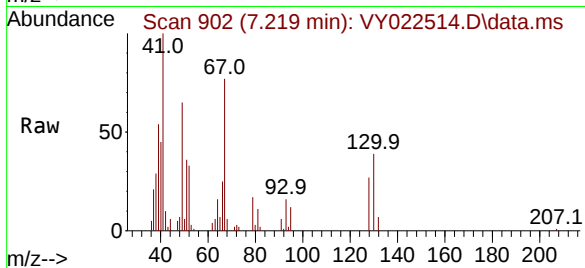




#41
Methacrylonitrile
Concen: 15.837 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

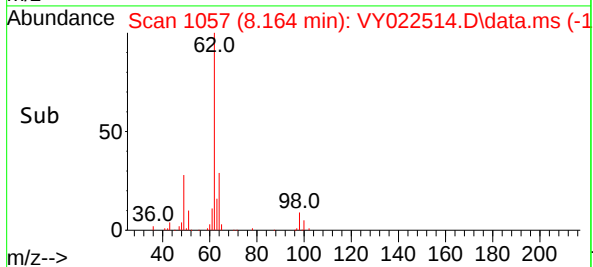
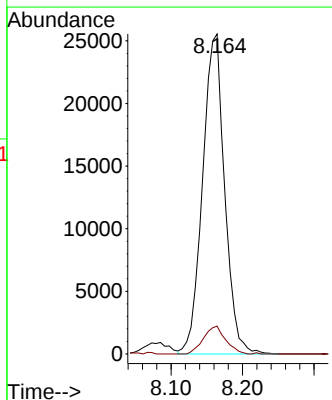
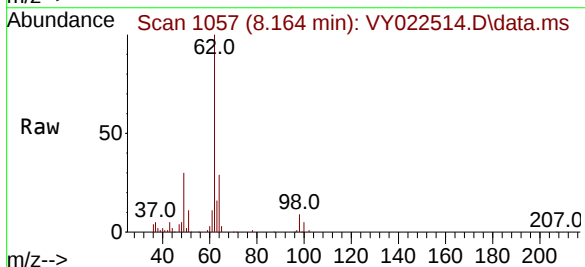
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

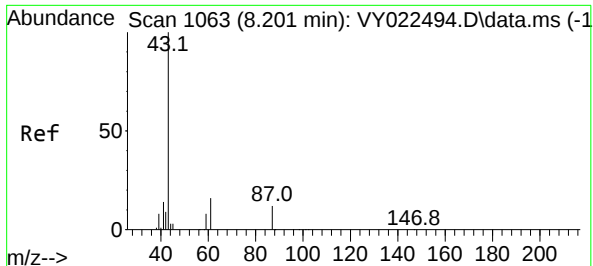
Tgt Ion:	41	Resp:	13338
Ion	Ratio	Lower	Upper
41	100		
39	67.2	46.6	69.8
67	93.5	63.3	94.9
52	43.7	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:	62	Resp:	54776
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2

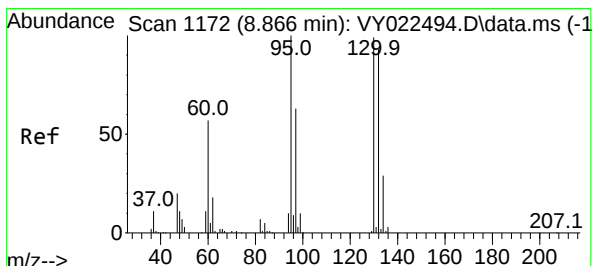
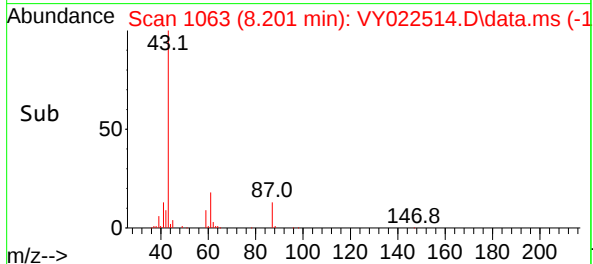
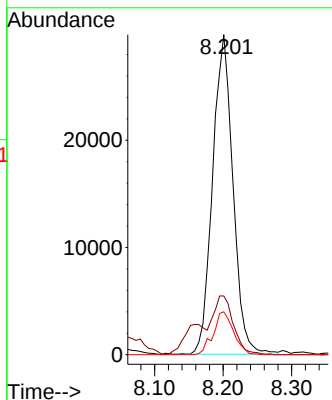
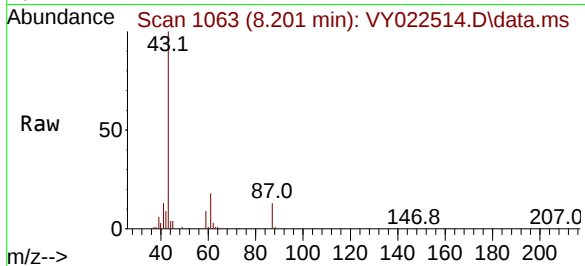




#43
Isopropyl Acetate
Concen: 19.728 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

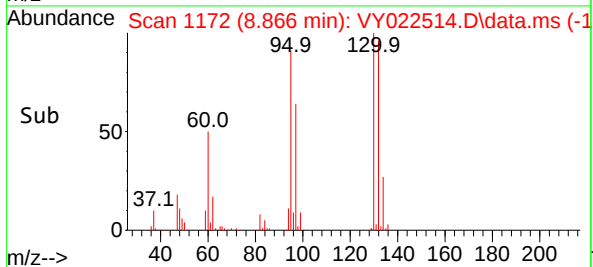
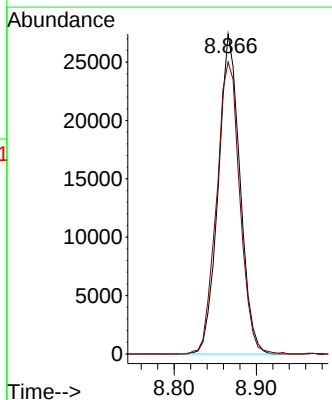
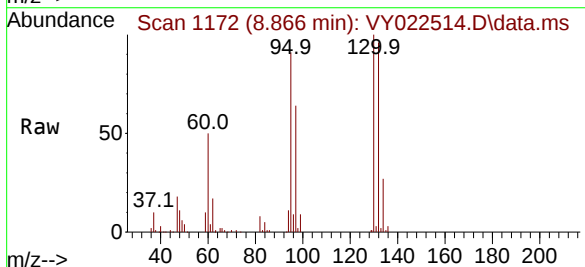
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

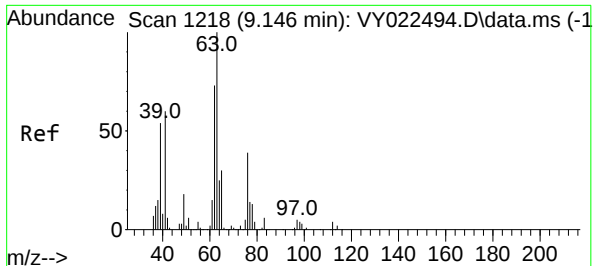
Tgt Ion: 43 Resp: 61432
Ion Ratio Lower Upper
43 100
61 18.4 15.6 23.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 21.548 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:130 Resp: 50293
Ion Ratio Lower Upper
130 100
95 91.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.665 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

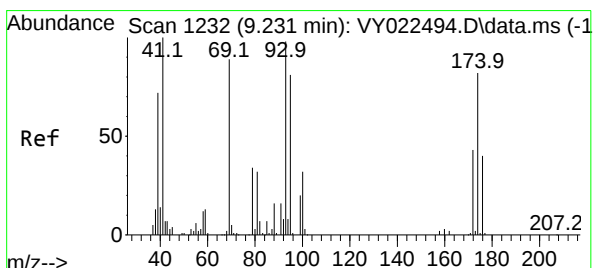
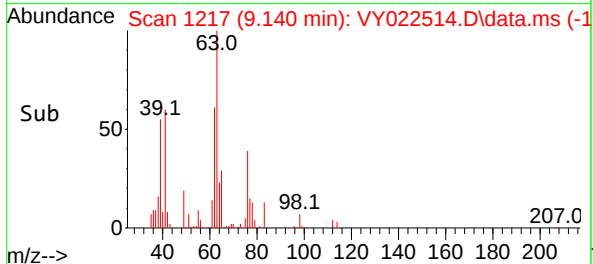
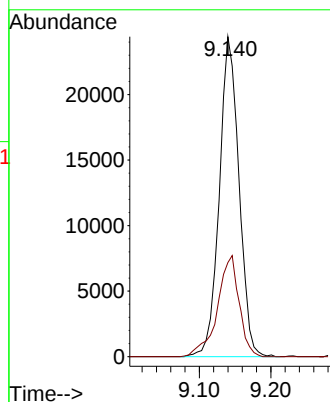
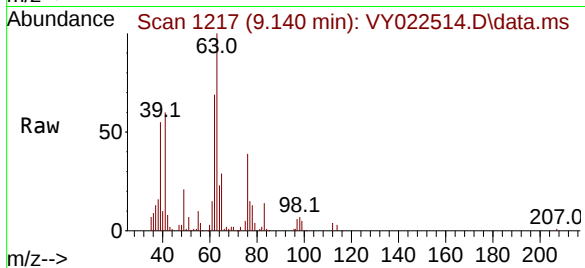
VY0603SBS01

Tgt Ion: 63 Resp: 46638

Ion Ratio Lower Upper

63 100

65 29.4 24.0 36.0



#46

Dibromomethane

Concen: 20.051 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

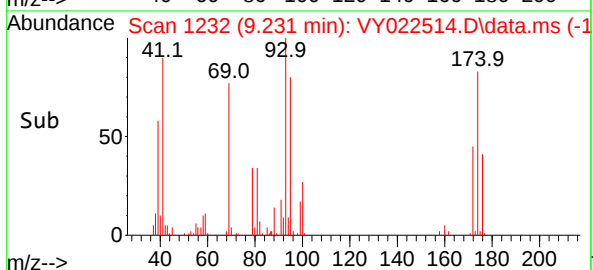
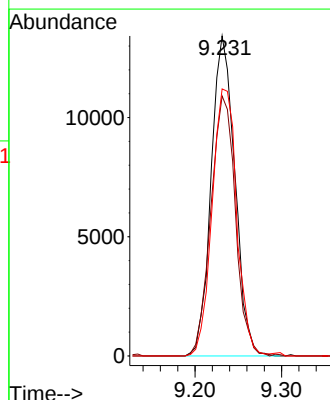
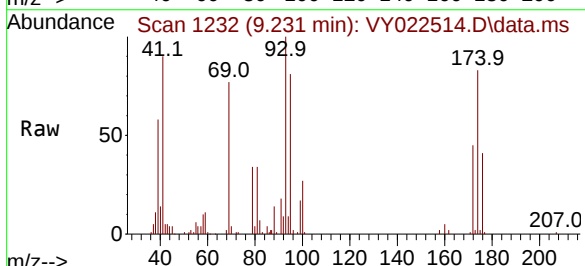
Tgt Ion: 93 Resp: 25459

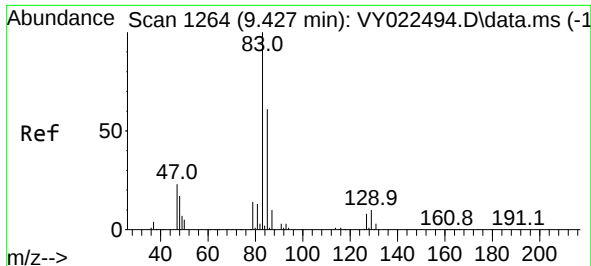
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 87.0 70.4 105.6

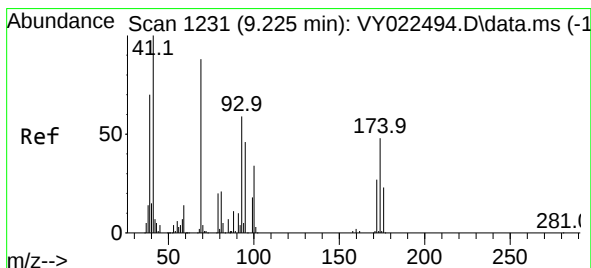
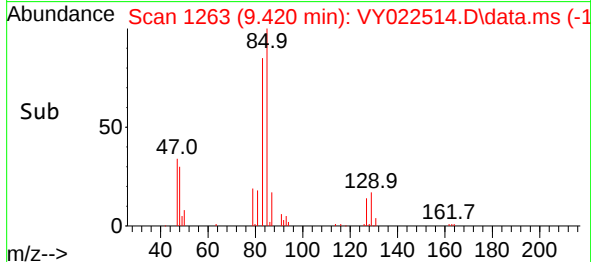
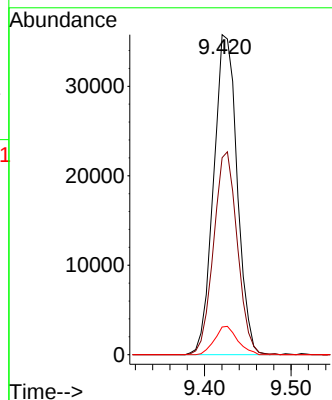
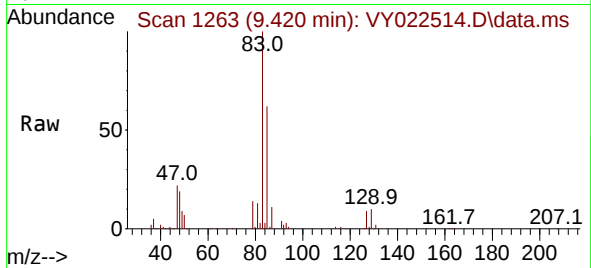




#47
Bromodichloromethane
Concen: 20.989 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

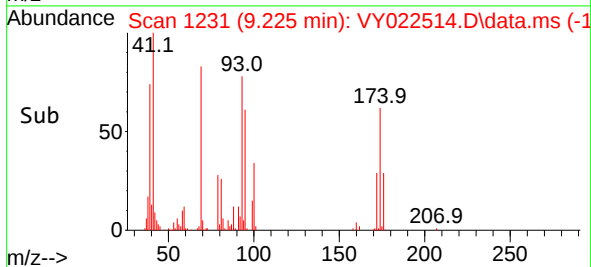
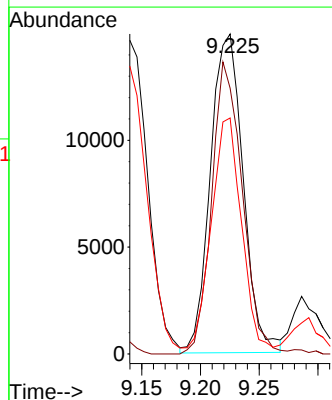
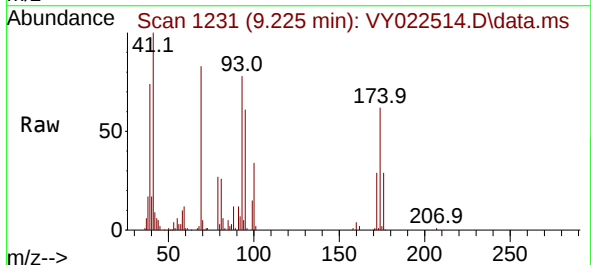
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

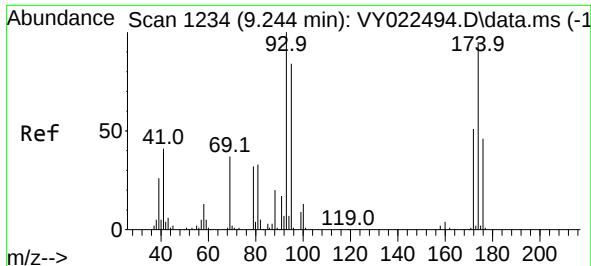
Tgt Ion: 83 Resp: 67575
Ion Ratio Lower Upper
83 100
85 61.6 49.1 73.7
127 8.7 6.2 9.4



#48
Methyl methacrylate
Concen: 19.815 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 41 Resp: 28959
Ion Ratio Lower Upper
41 100
69 85.3 67.8 101.8
39 65.7 55.0 82.4





#49

1,4-Dioxane

Concen: 380.729 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBSD01

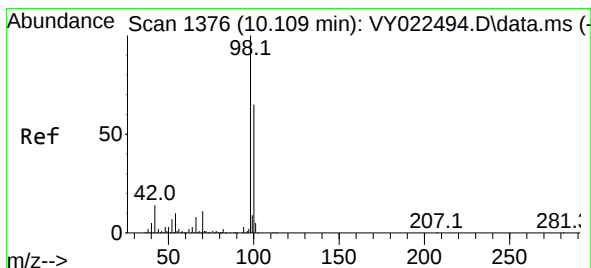
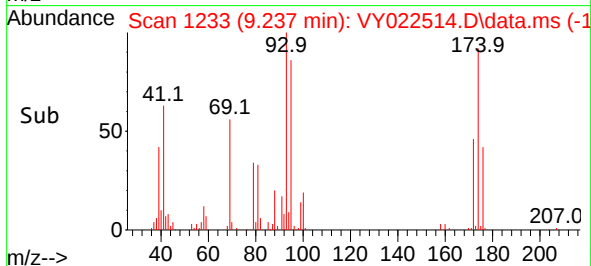
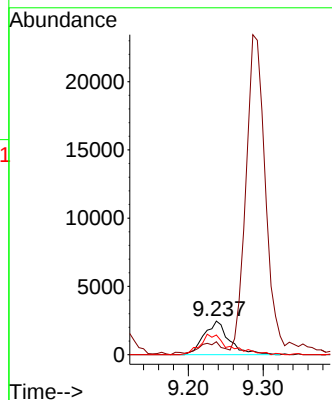
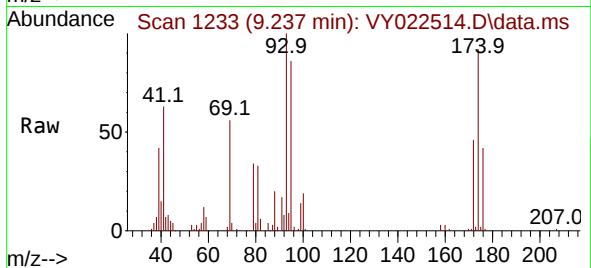
Tgt Ion: 88 Resp: 5727

Ion Ratio Lower Upper

88 100

43 38.0 25.4 38.2

58 70.1 54.9 82.3



#50

Toluene-d8

Concen: 52.622 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022514.D

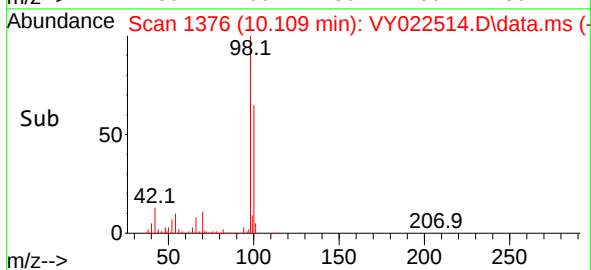
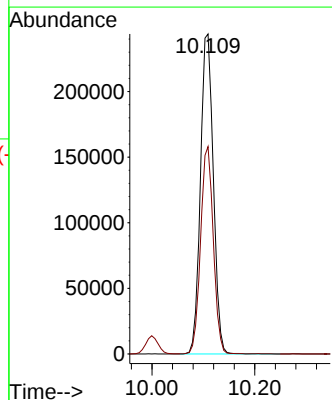
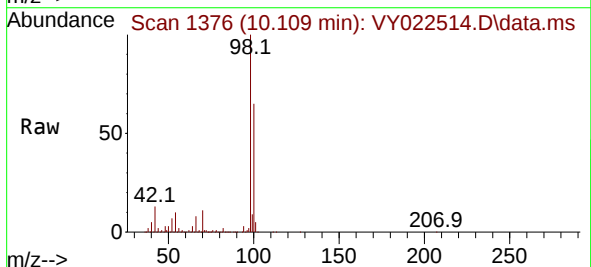
Acq: 03 Jun 2025 11:38

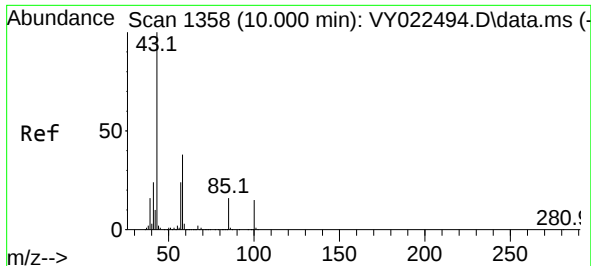
Tgt Ion: 98 Resp: 423577

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

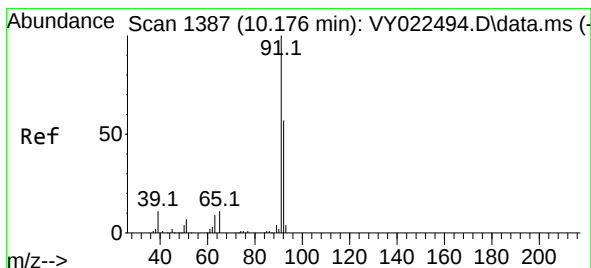
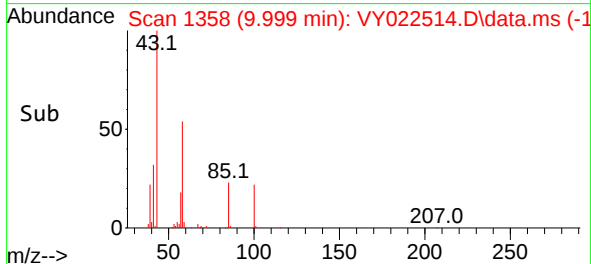
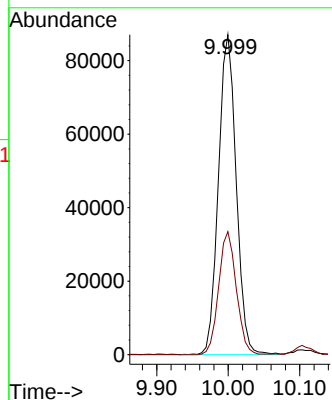
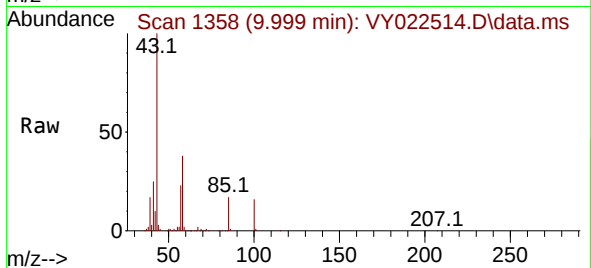




#51
4-Methyl-2-Pentanone
Concen: 96.879 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

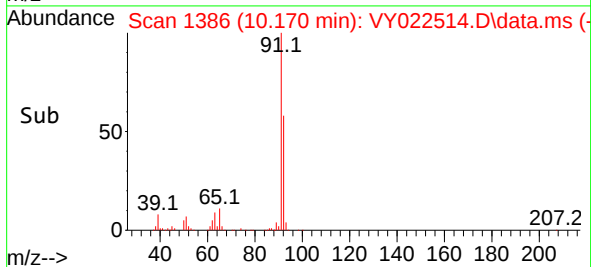
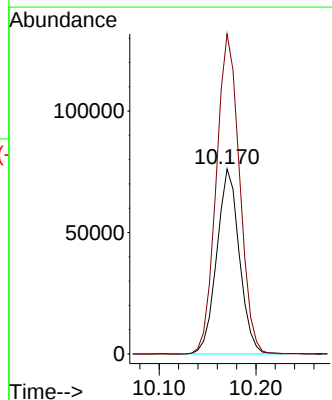
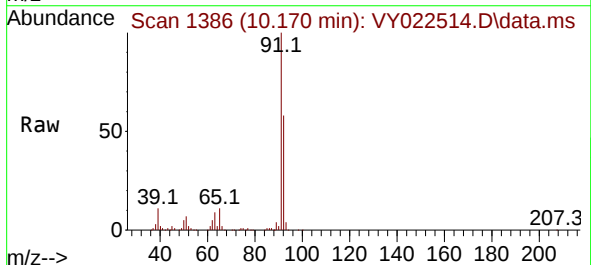
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

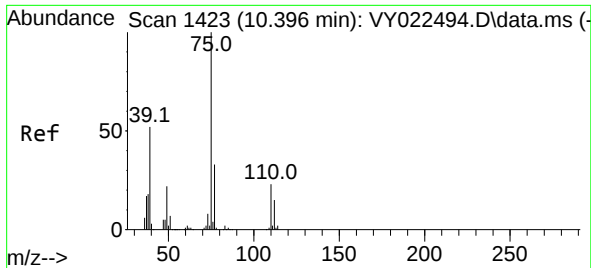
Tgt Ion: 43 Resp: 150410
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 20.539 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 92 Resp: 123263
Ion Ratio Lower Upper
92 100
91 178.8 139.0 208.4

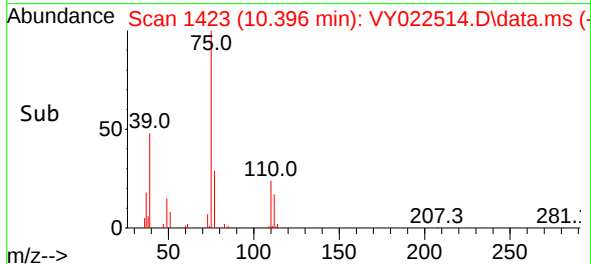
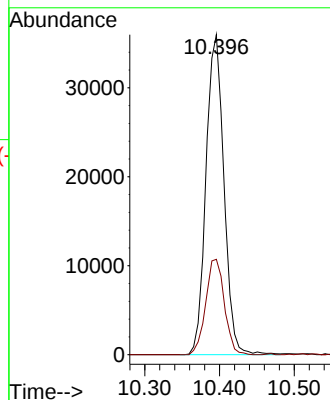
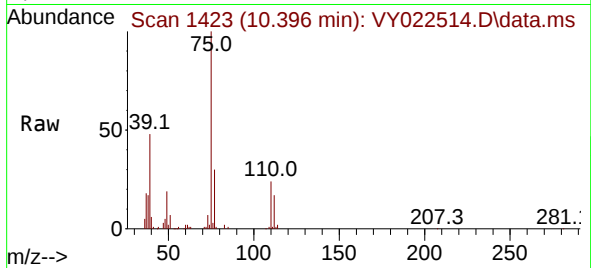




#53
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

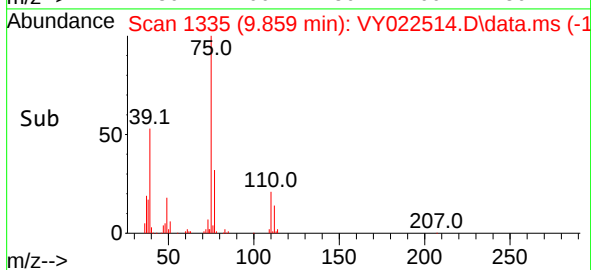
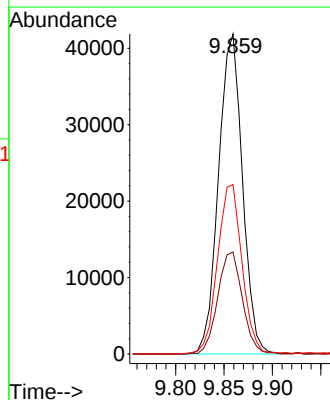
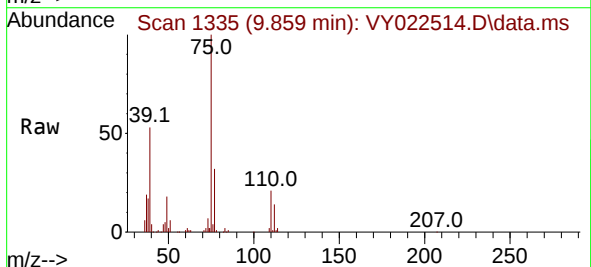
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

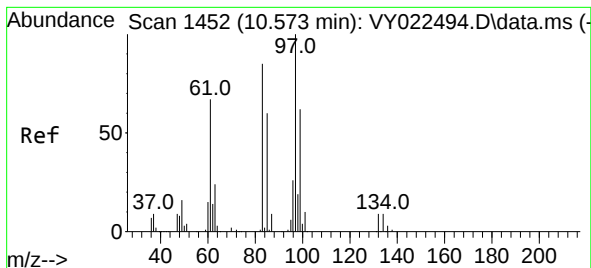
Tgt Ion: 75 Resp: 60064
Ion Ratio Lower Upper
75 100
77 29.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.477 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 75 Resp: 71904
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 53.0 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 20.628 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 97 Resp: 33397

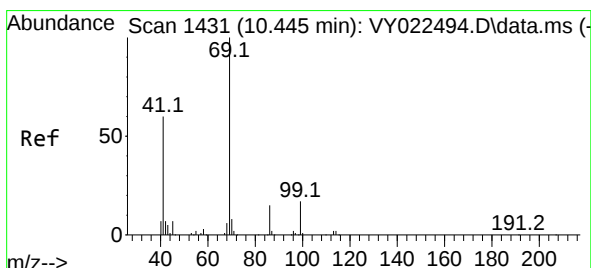
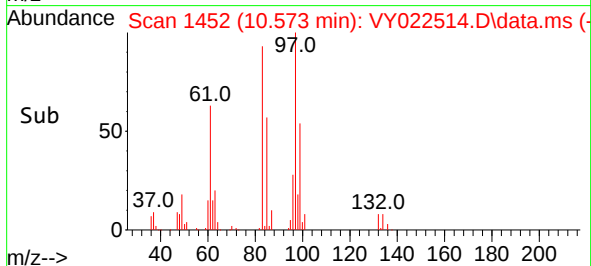
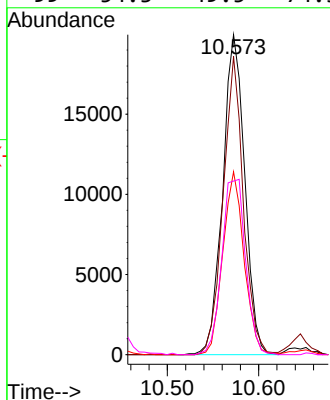
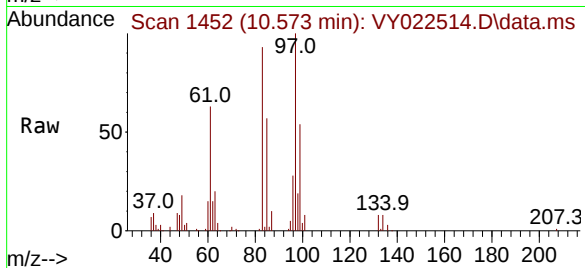
Ion Ratio Lower Upper

97 100

83 93.2 68.1 102.1

85 57.2 48.2 72.2

99 54.3 49.5 74.3



#56

Ethyl methacrylate

Concen: 19.510 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

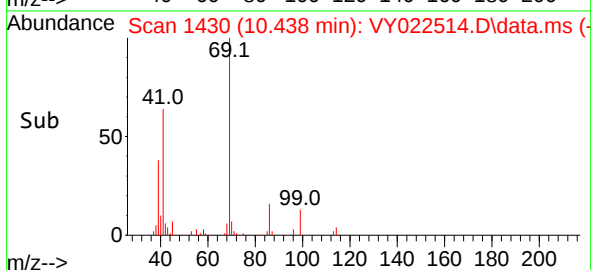
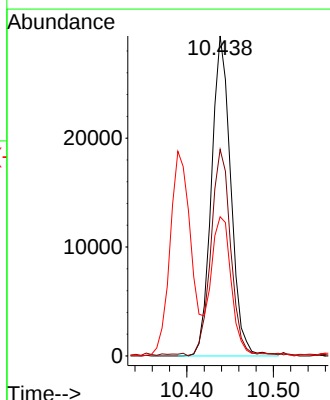
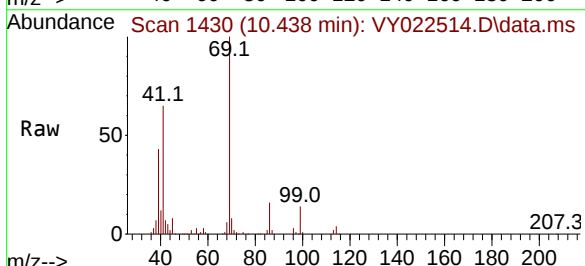
Tgt Ion: 69 Resp: 45653

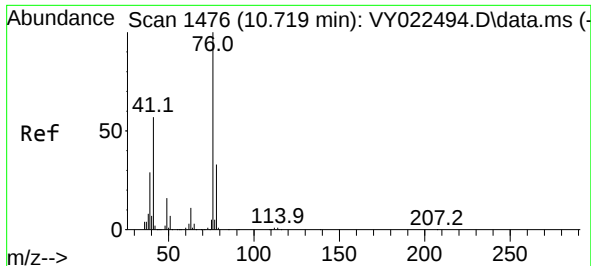
Ion Ratio Lower Upper

69 100

41 66.6 52.2 78.2

39 44.8 36.7 55.1





#57

1,3-Dichloropropane

Concen: 20.269 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

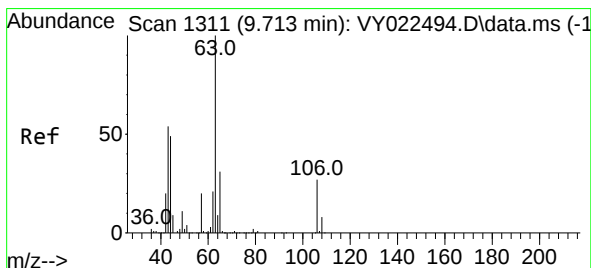
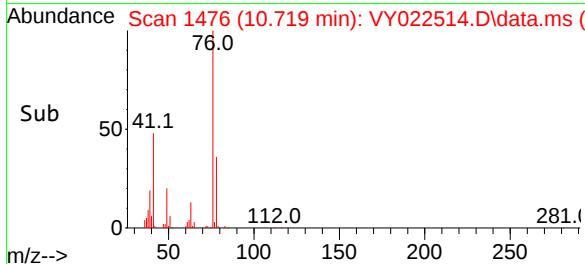
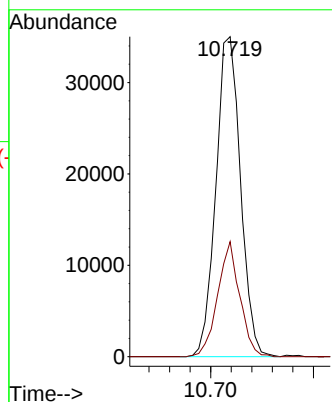
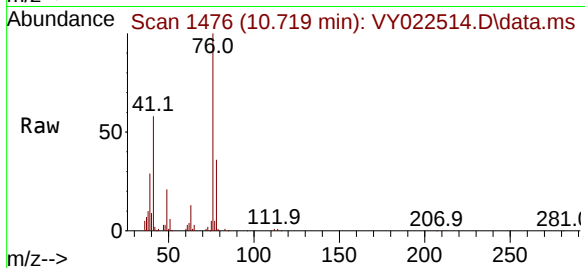
VY0603SBSD01

Tgt Ion: 76 Resp: 58164

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.188 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022514.D

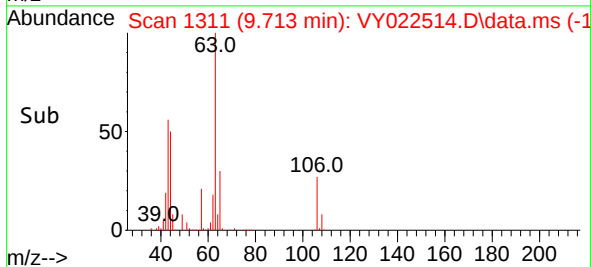
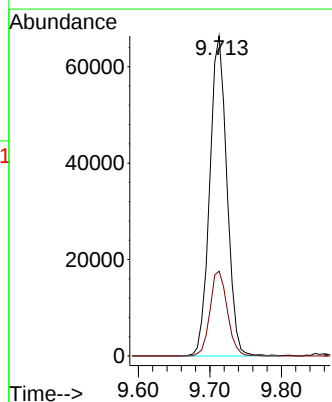
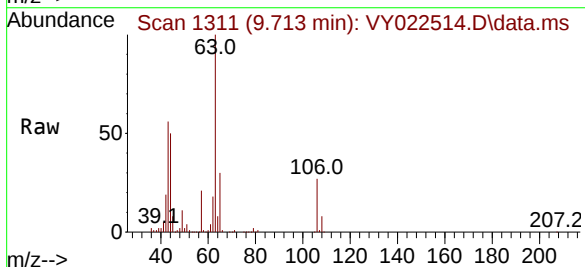
Acq: 03 Jun 2025 11:38

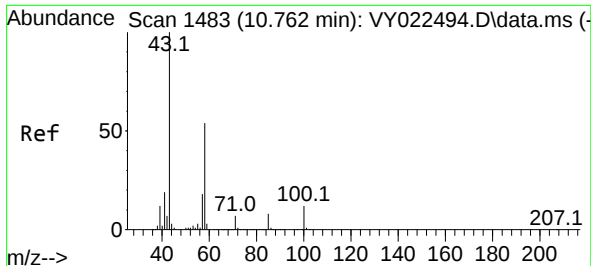
Tgt Ion: 63 Resp: 110692

Ion Ratio Lower Upper

63 100

106 26.7 21.6 32.4

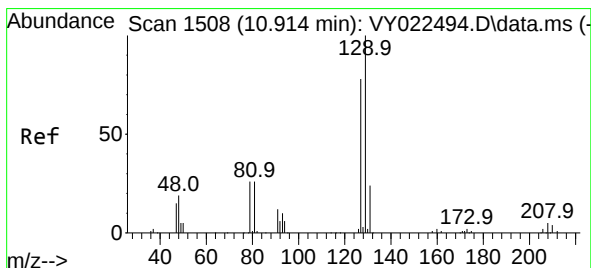
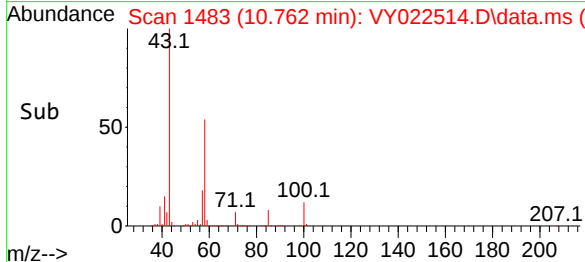
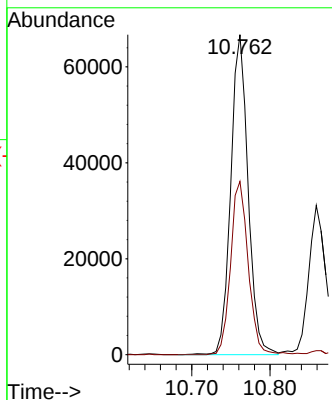
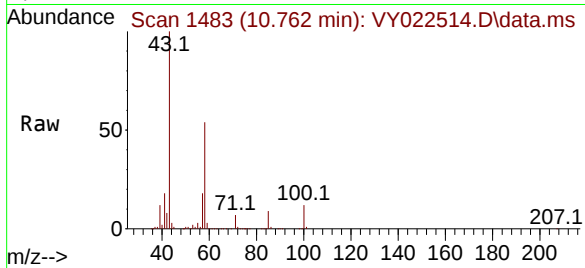




#59
2-Hexanone
Concen: 98.414 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

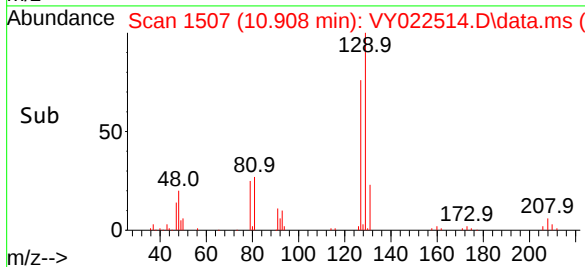
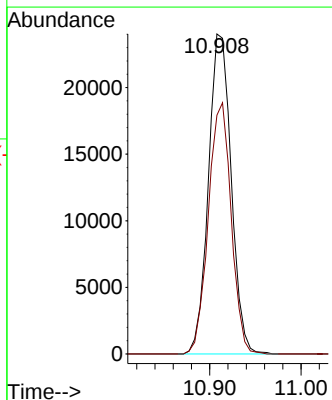
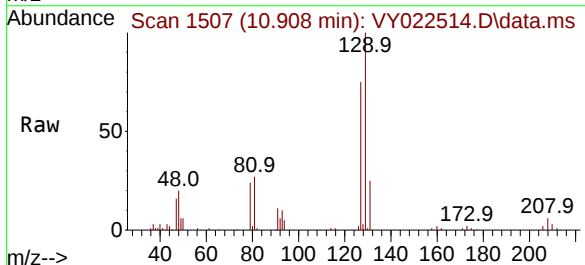
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

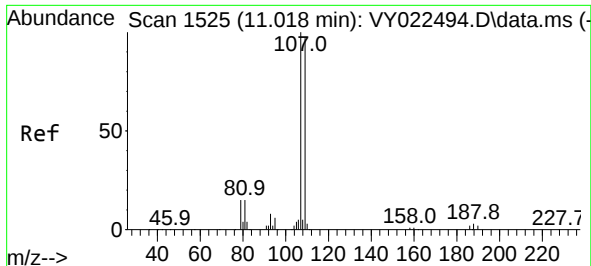
Tgt Ion: 43 Resp: 102187
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 20.203 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 129 Resp: 41567
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

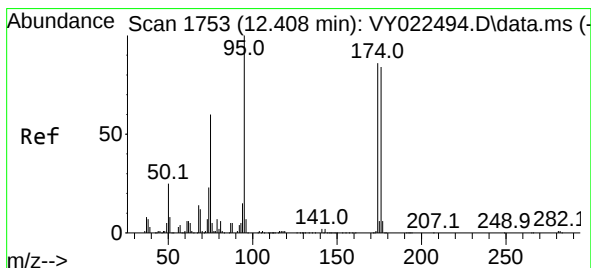
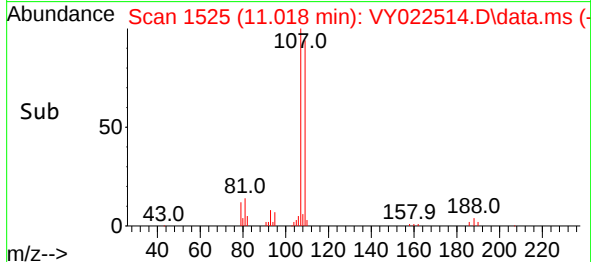
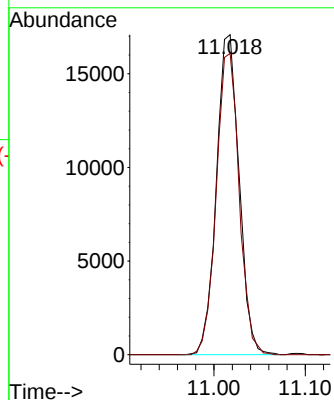
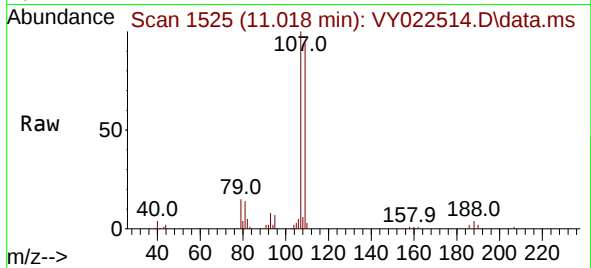




#61
1,2-Dibromoethane
Concen: 19.973 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

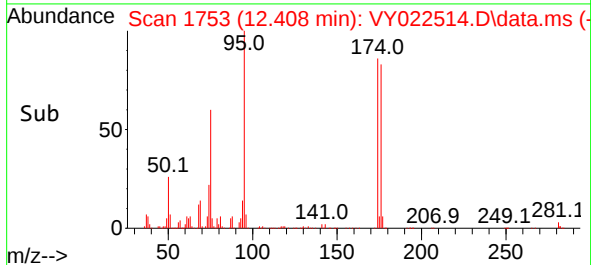
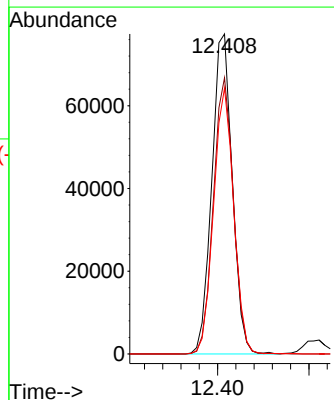
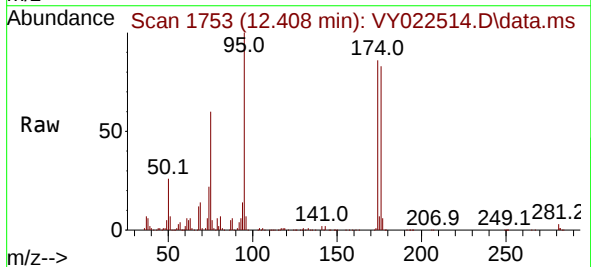
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

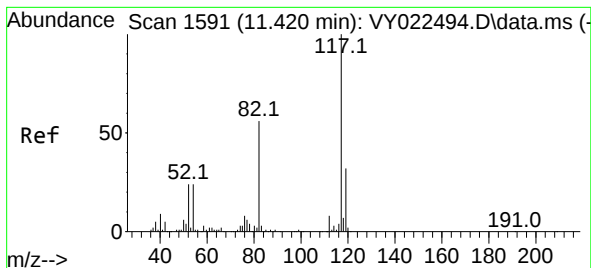
Tgt Ion:107 Resp: 29473
Ion Ratio Lower Upper
107 100
109 94.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.086 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 95 Resp: 120123
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.0
176 81.8 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBSD01

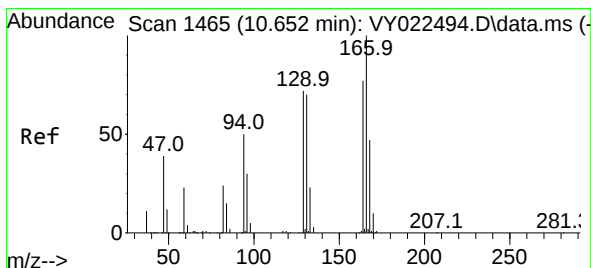
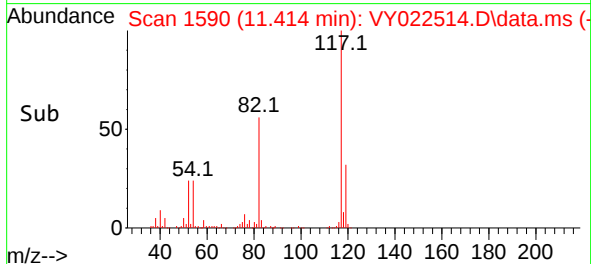
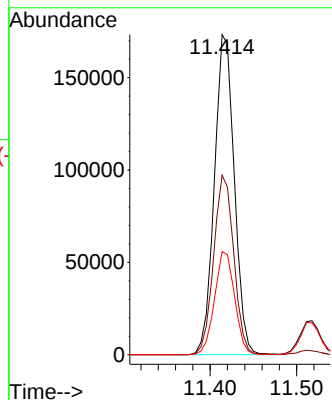
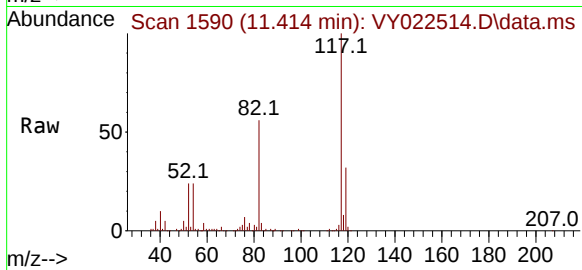
Tgt Ion:117 Resp: 277257

Ion Ratio Lower Upper

117 100

82 56.1 44.6 66.8

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 21.307 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Tgt Ion:164 Resp: 50817

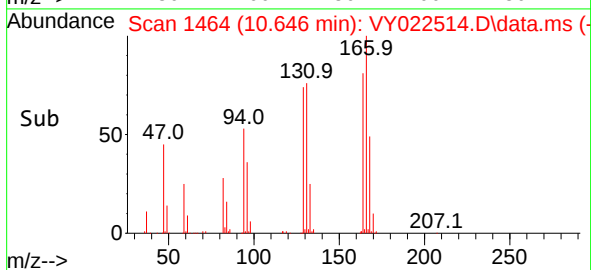
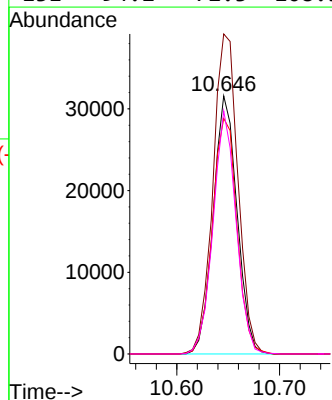
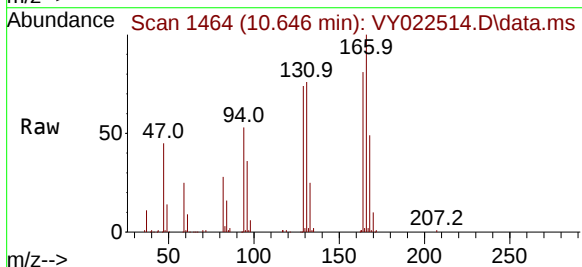
Ion Ratio Lower Upper

164 100

166 124.0 104.0 156.0

129 91.3 74.5 111.7

131 94.2 72.3 108.5

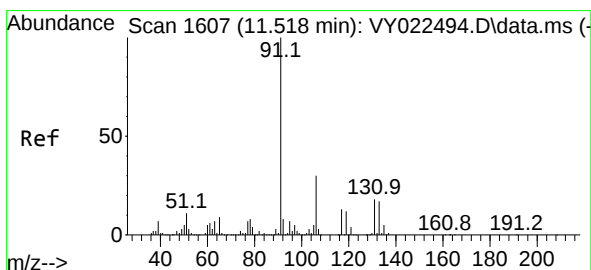
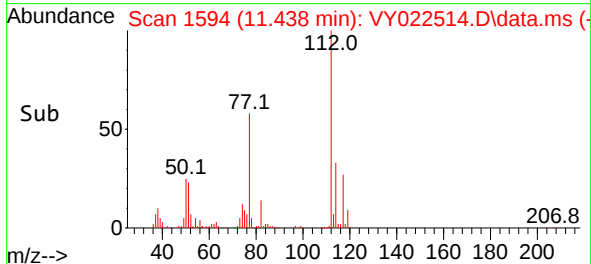
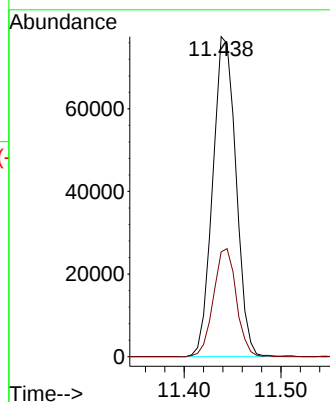
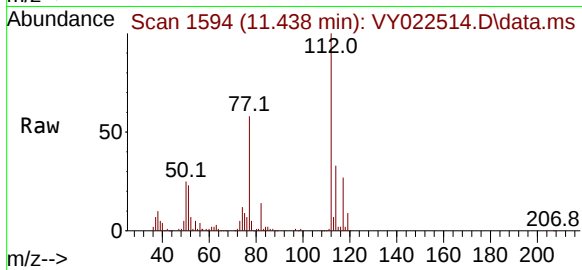




#65
Chlorobenzene
Concen: 21.140 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

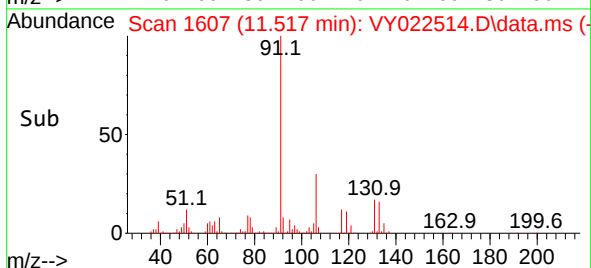
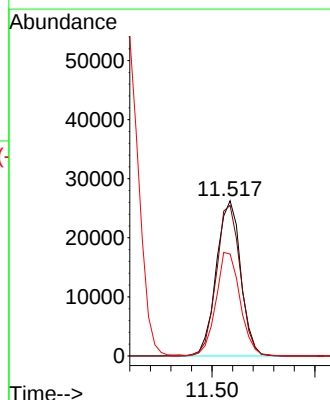
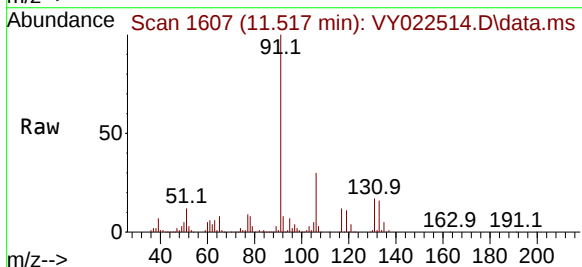
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

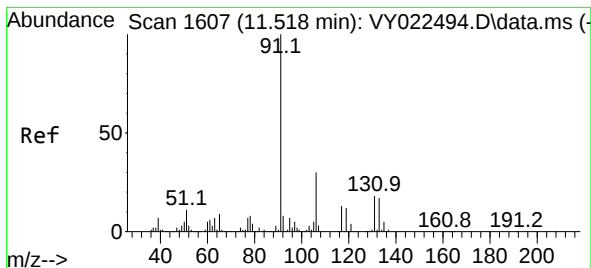
Tgt Ion:112 Resp: 129702
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.856 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:131 Resp: 43105
Ion Ratio Lower Upper
131 100
133 96.1 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.770 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

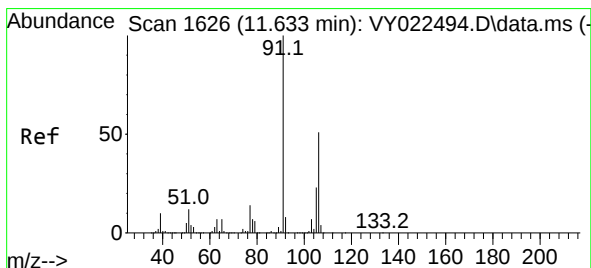
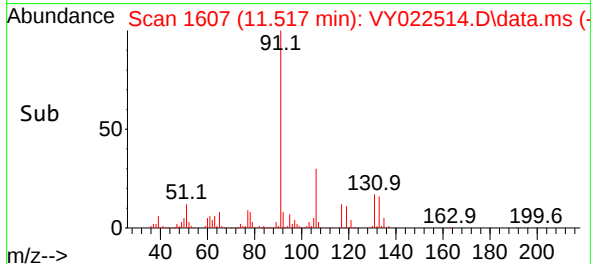
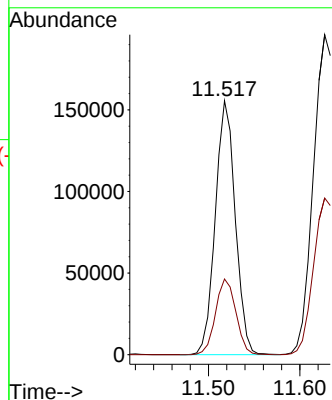
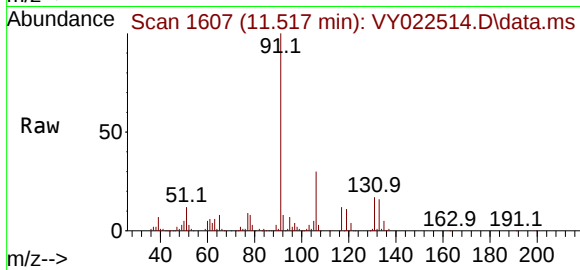
VY0603SBS01

Tgt Ion: 91 Resp: 236352

Ion Ratio Lower Upper

91 100

106 29.8 24.2 36.4



#68

m/p-Xylenes

Concen: 41.269 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022514.D

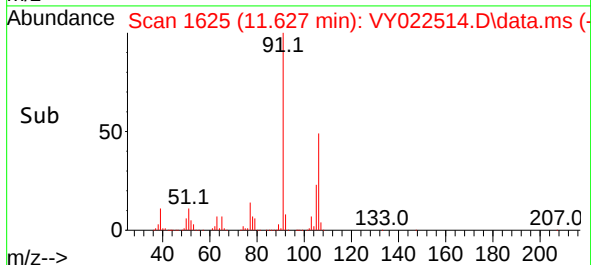
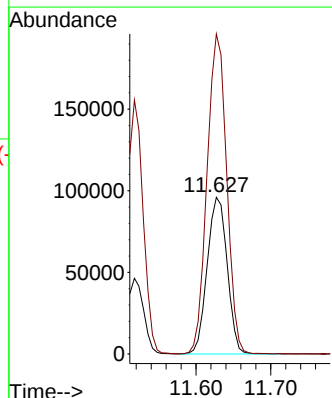
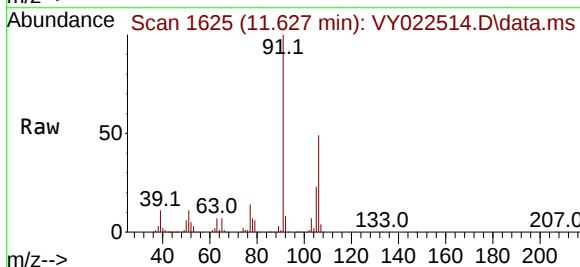
Acq: 03 Jun 2025 11:38

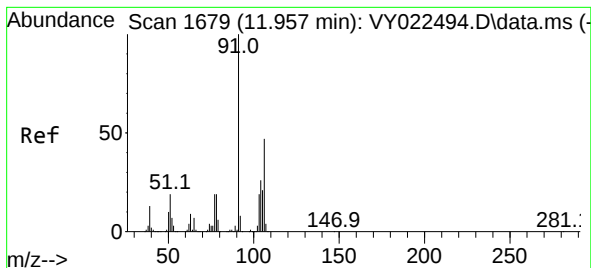
Tgt Ion: 106 Resp: 178031

Ion Ratio Lower Upper

106 100

91 200.8 159.4 239.0

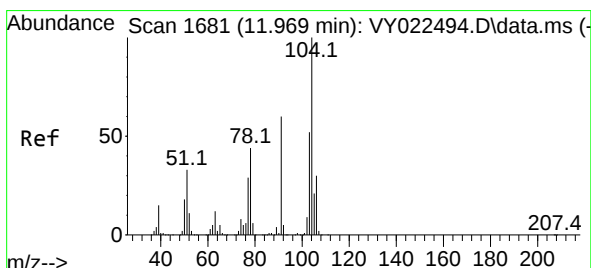
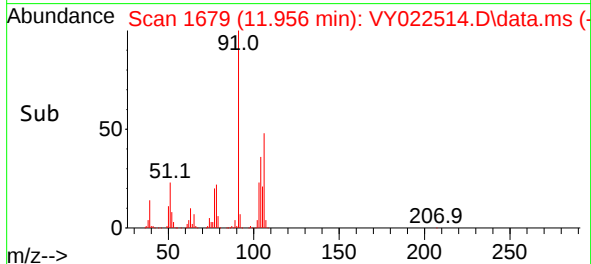
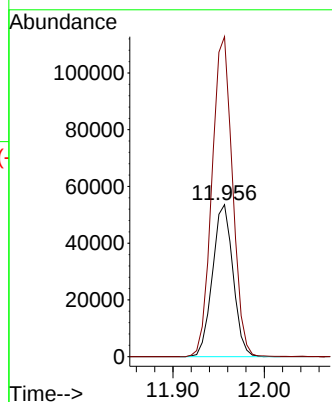
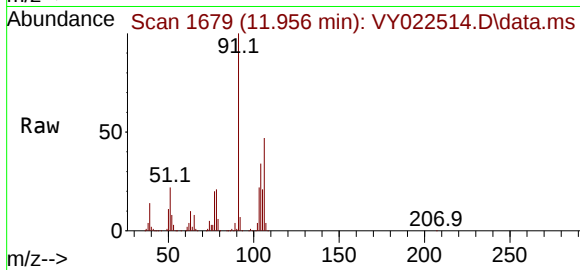




#69
o-Xylene
Concen: 20.682 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

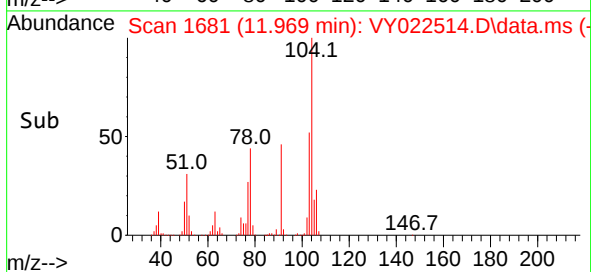
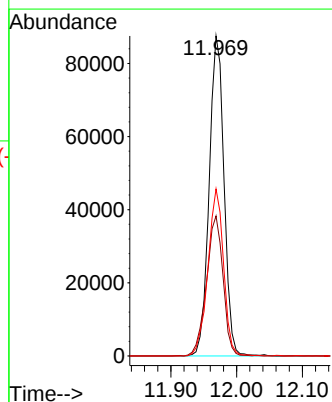
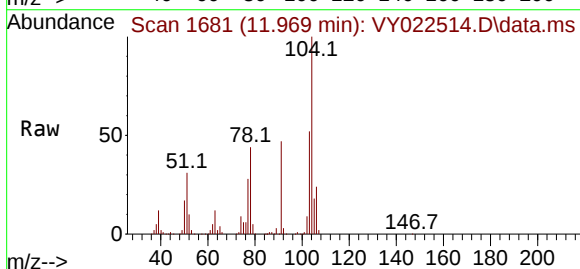
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

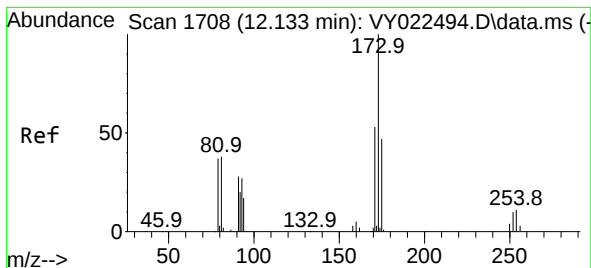
Tgt Ion:106 Resp: 83649
Ion Ratio Lower Upper
106 100
91 210.8 105.8 317.3



#70
Styrene
Concen: 20.583 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion:104 Resp: 137611
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.0 44.1 66.1





#71

Bromoform

Concen: 19.883 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

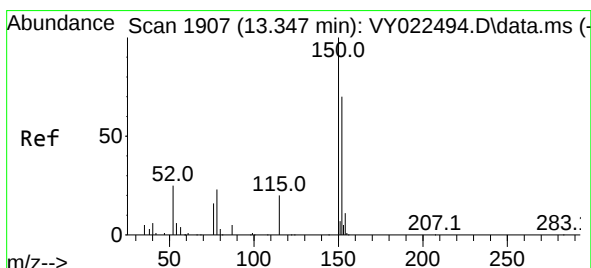
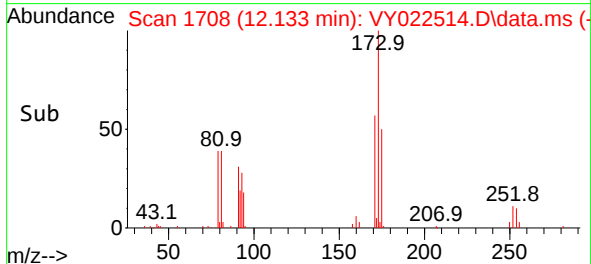
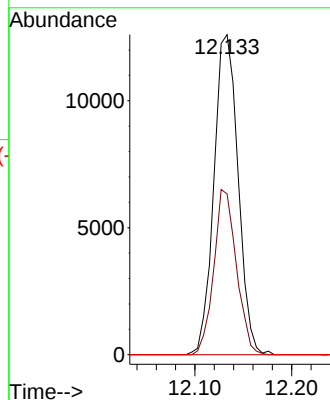
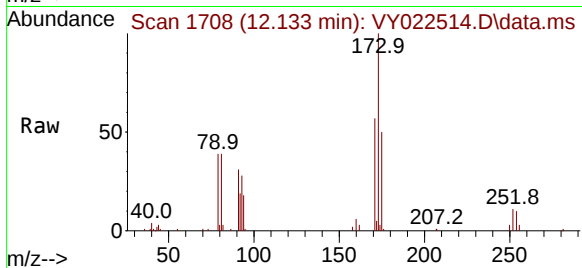
Tgt Ion:173 Resp: 21869

Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

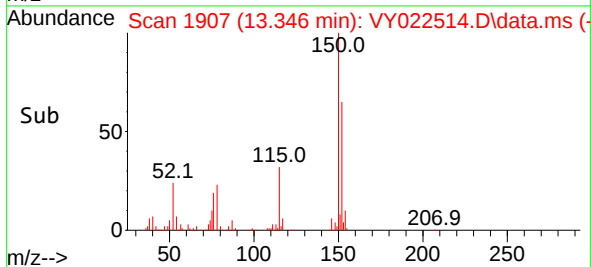
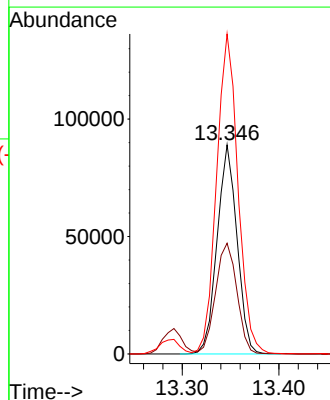
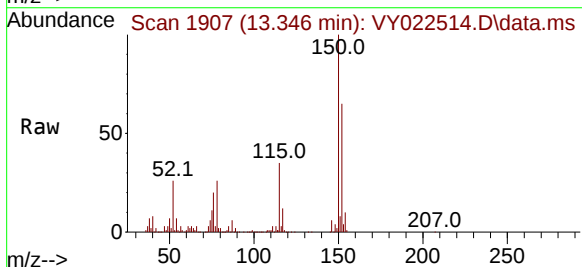
Tgt Ion:152 Resp: 127082

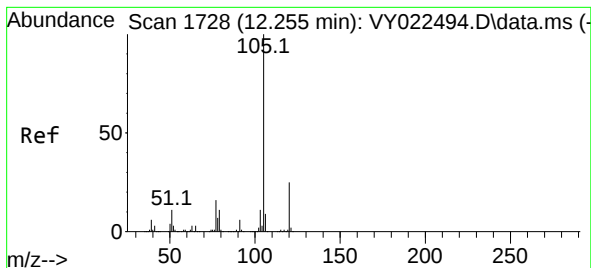
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 164.5 0.0 349.6





#73

Isopropylbenzene

Concen: 21.105 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

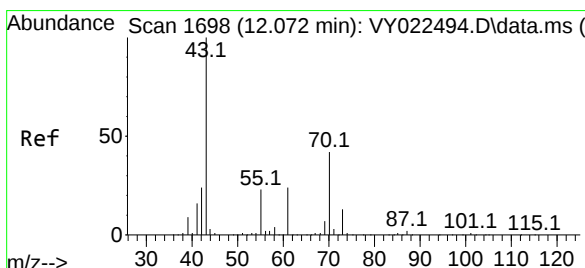
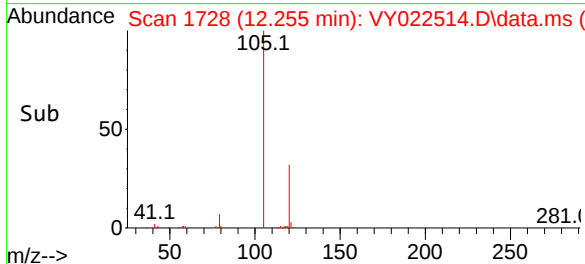
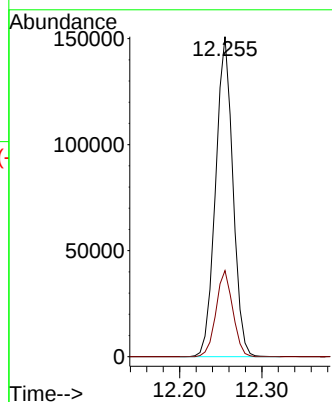
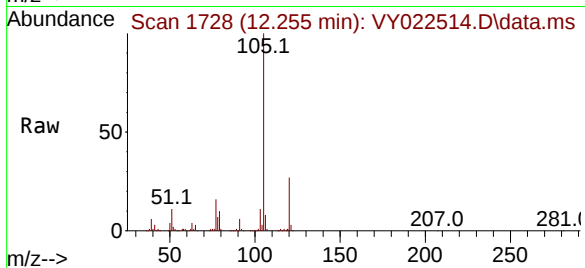
VY0603SBS01

Tgt Ion:105 Resp: 220201

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 20.008 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Tgt Ion: 43 Resp: 52673

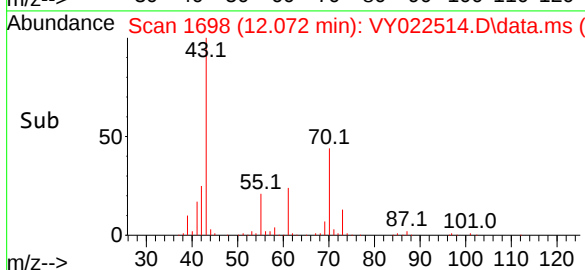
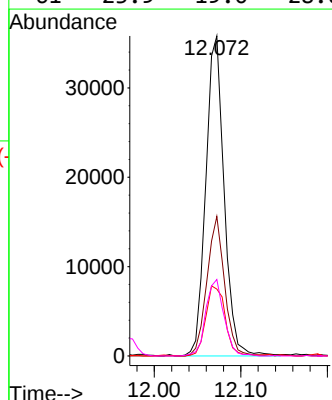
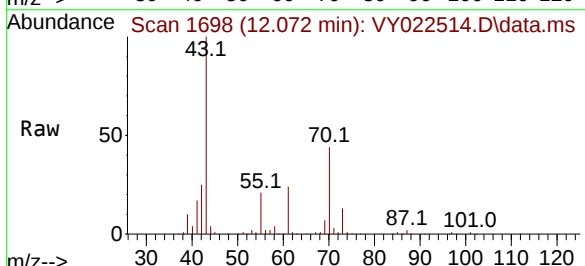
Ion Ratio Lower Upper

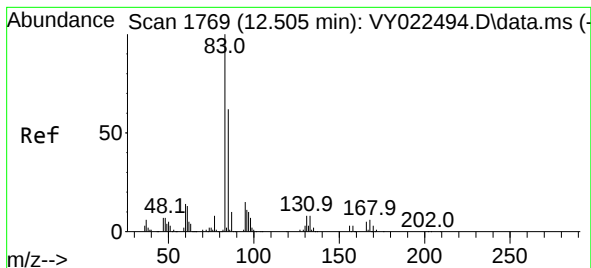
43 100

70 42.1 34.2 51.2

55 23.4 18.2 27.4

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.977 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

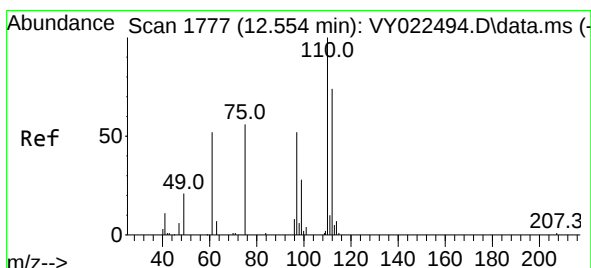
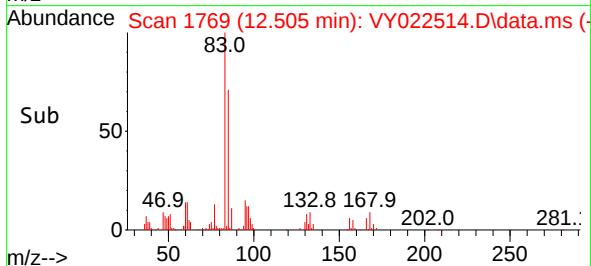
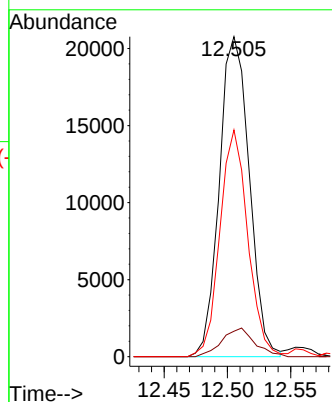
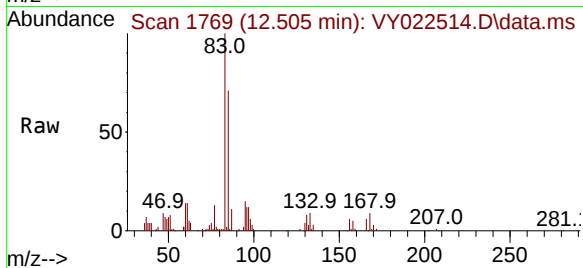
Tgt Ion: 83 Resp: 34208

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 65.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 33.473 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022514.D

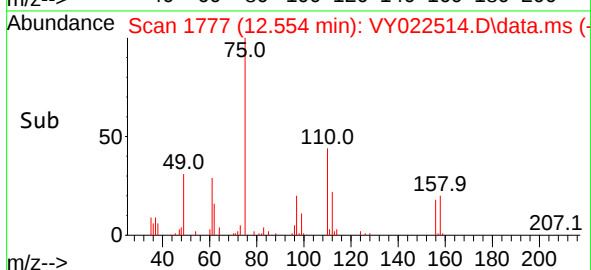
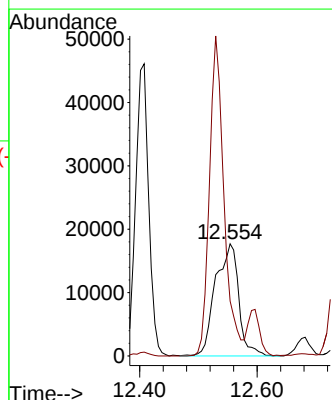
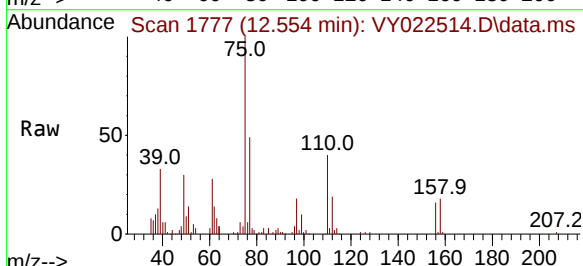
Acq: 03 Jun 2025 11:38

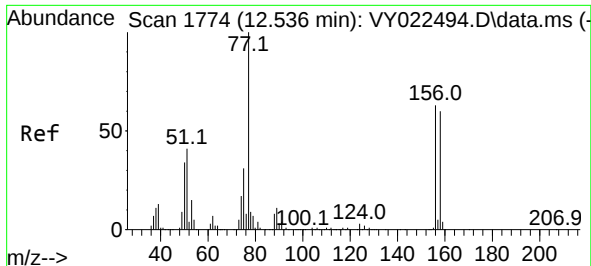
Tgt Ion: 75 Resp: 48665

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

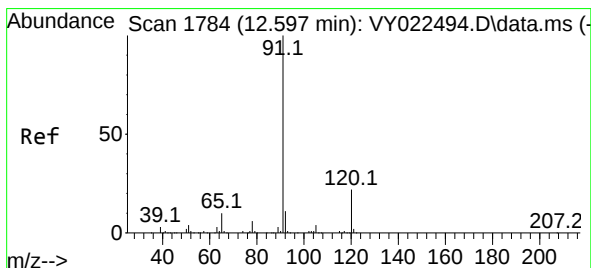
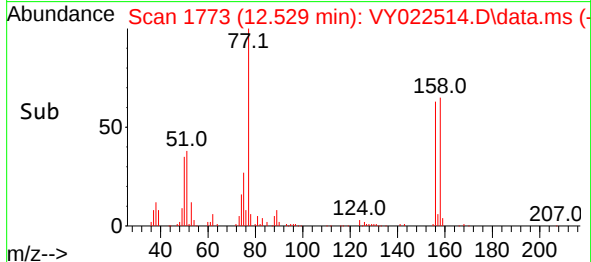
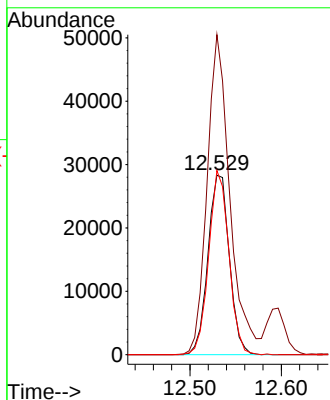
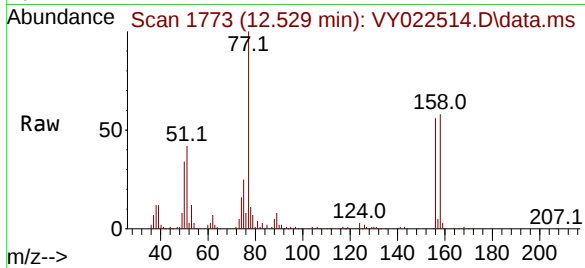




#77
Bromobenzene
Concen: 20.918 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

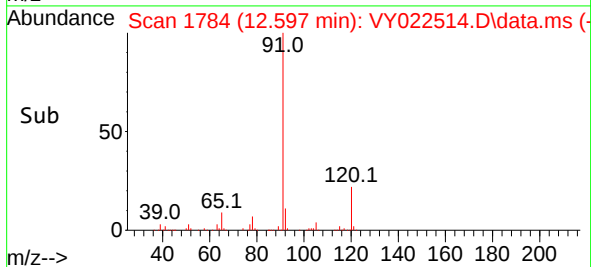
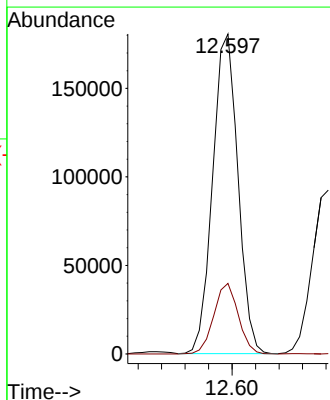
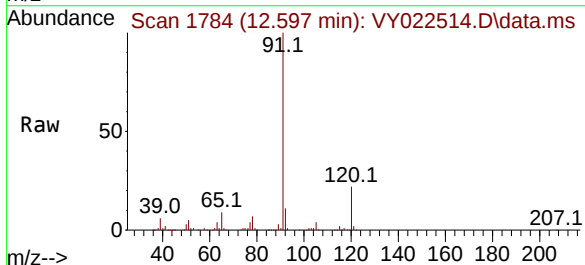
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

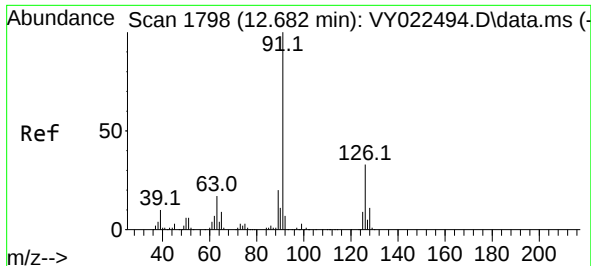
Tgt Ion:156 Resp: 46055
Ion Ratio Lower Upper
156 100
77 188.2 94.0 282.1
158 96.5 48.2 144.6



#78
n-propylbenzene
Concen: 21.184 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 269951
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

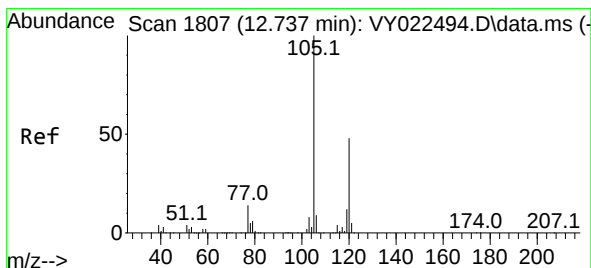
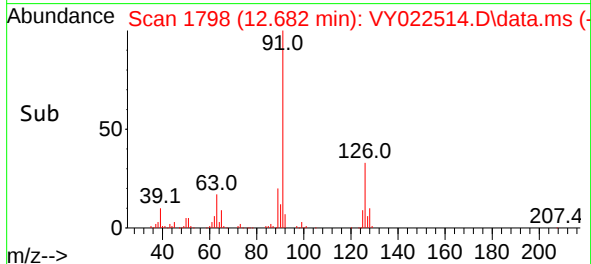
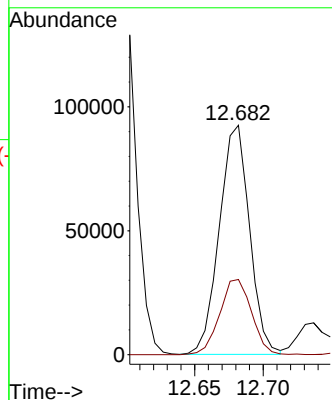
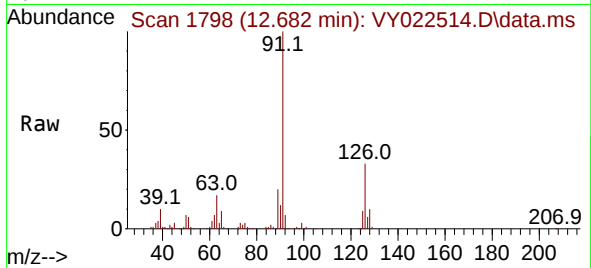




#79
2-Chlorotoluene
Concen: 21.037 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

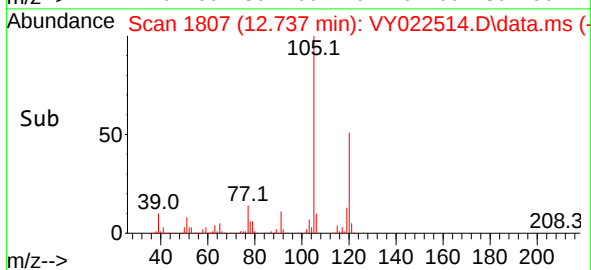
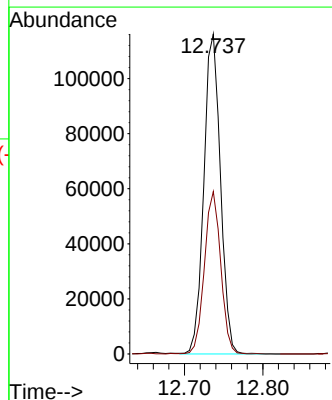
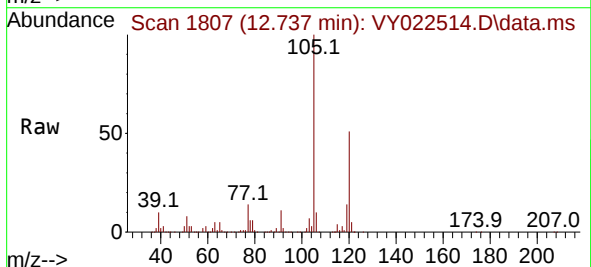
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

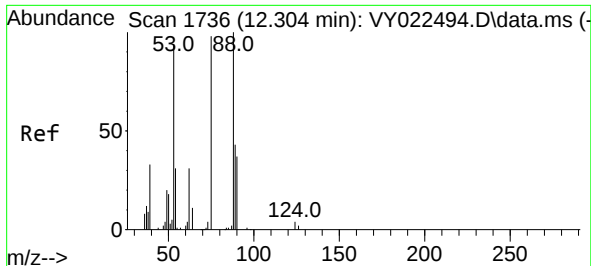
Tgt Ion: 91 Resp: 142085
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.866 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 105 Resp: 170919
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.4

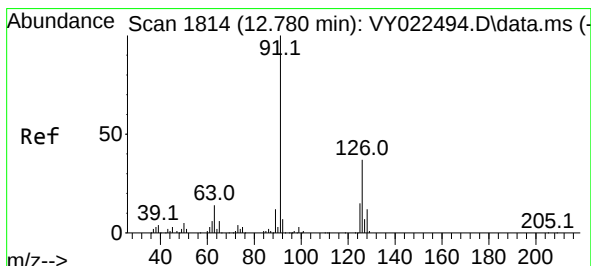
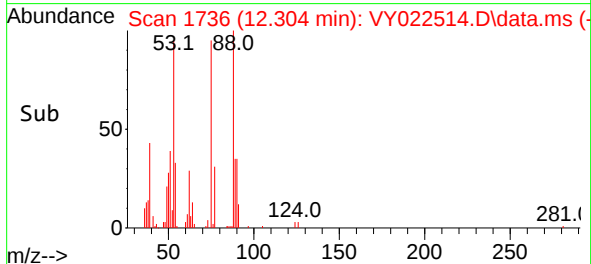
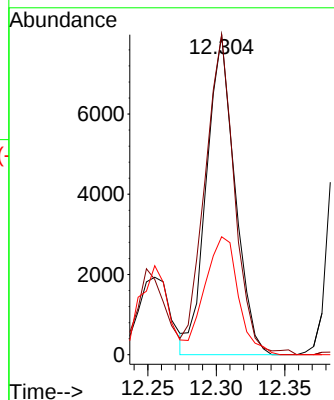
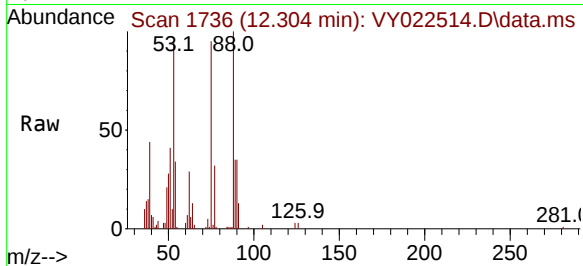




#81
trans-1,4-Dichloro-2-butene
Concen: 19.036 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

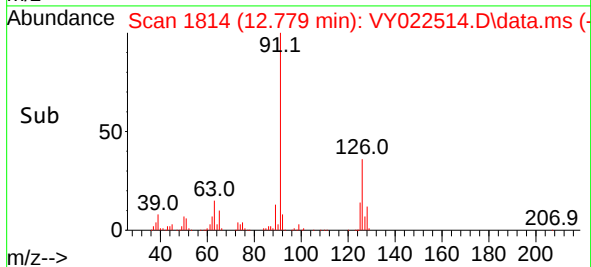
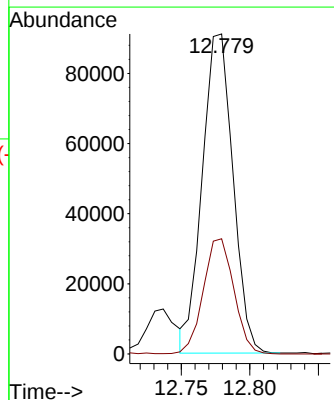
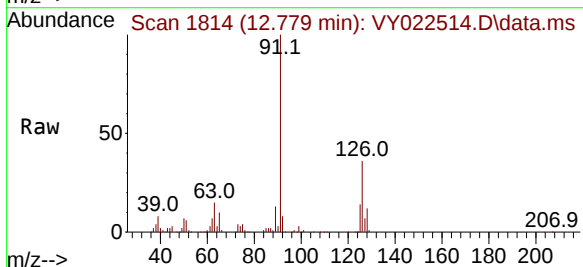
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

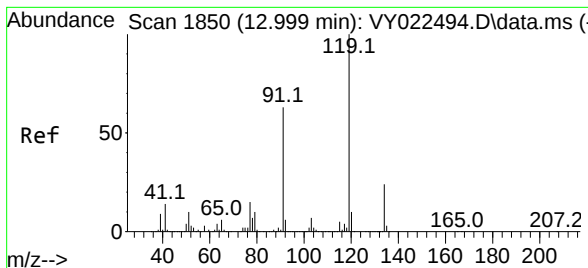
Tgt Ion: 75 Resp: 11460
Ion Ratio Lower Upper
75 100
53 104.7 78.5 117.7
89 42.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.364 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 91 Resp: 141886
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.309 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

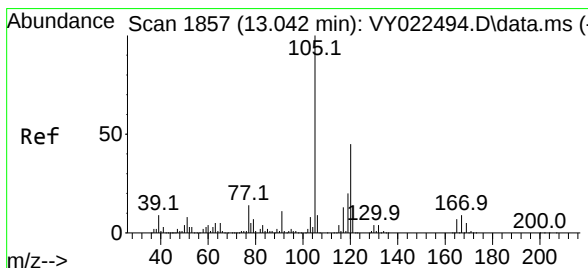
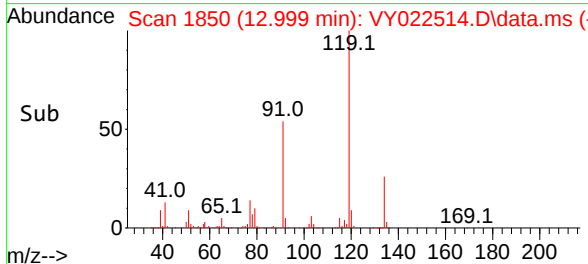
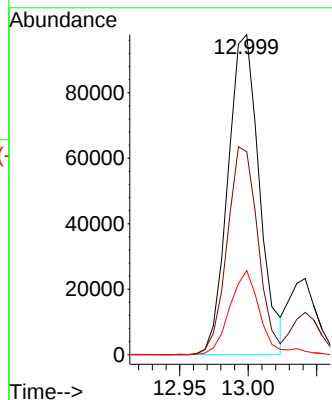
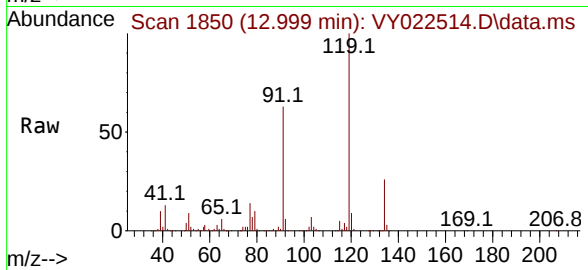
Tgt Ion:119 Resp: 156660

Ion Ratio Lower Upper

119 100

91 63.5 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.846 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022514.D

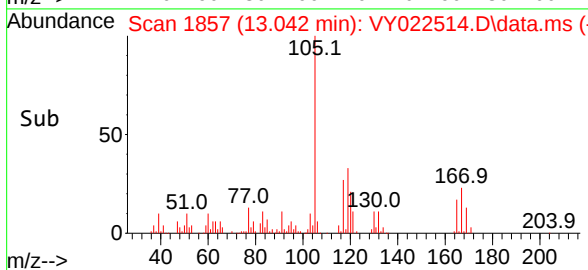
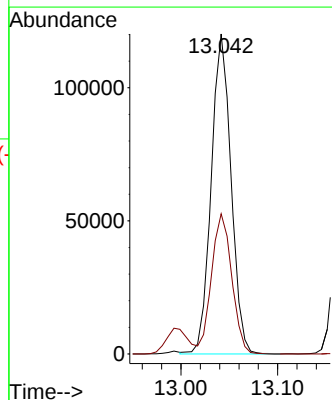
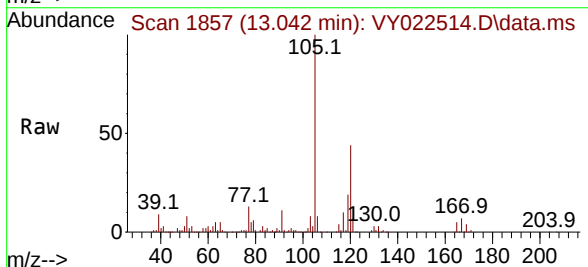
Acq: 03 Jun 2025 11:38

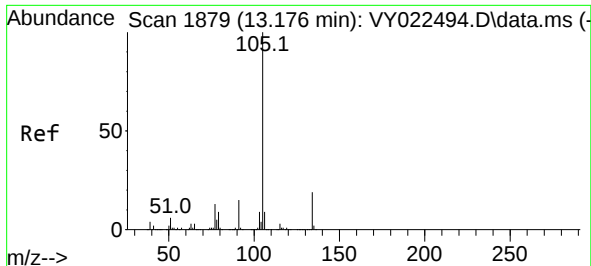
Tgt Ion:105 Resp: 170782

Ion Ratio Lower Upper

105 100

120 44.6 22.7 68.1

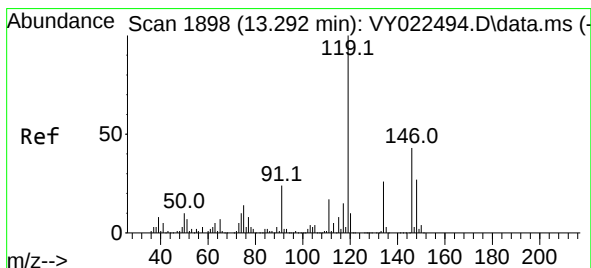
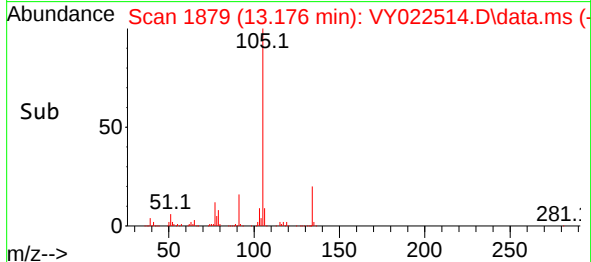
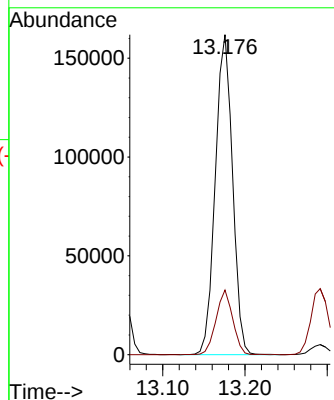
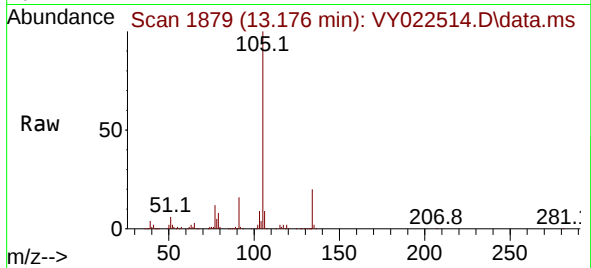




#85
 sec-Butylbenzene
 Concen: 20.907 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

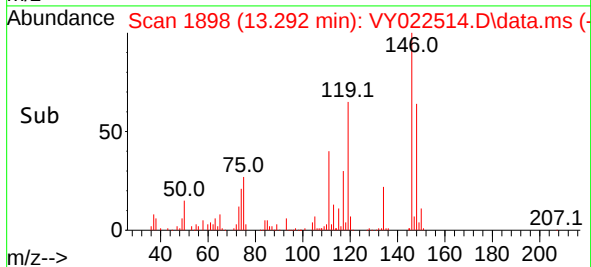
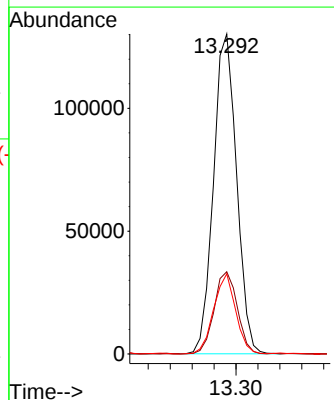
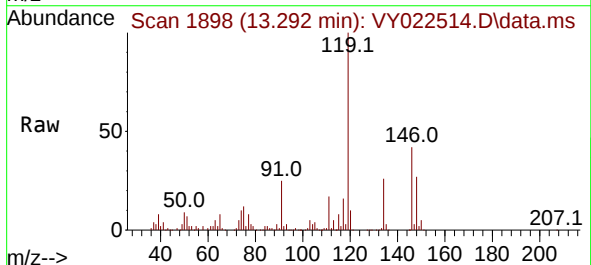
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

Tgt Ion:105 Resp: 235402
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.525 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

Tgt Ion:119 Resp: 190486
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.9 11.6 34.8

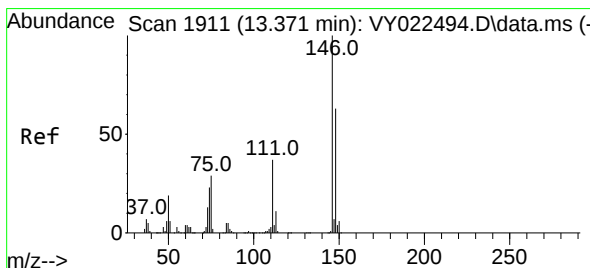
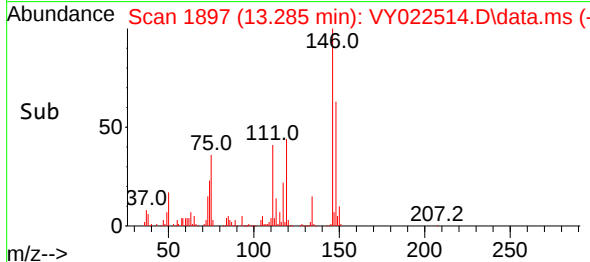
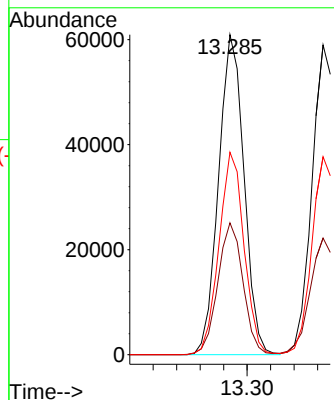
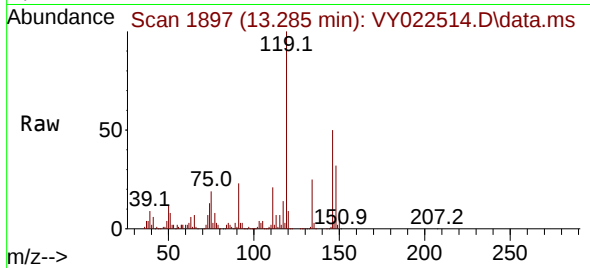




#87
 1,3-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

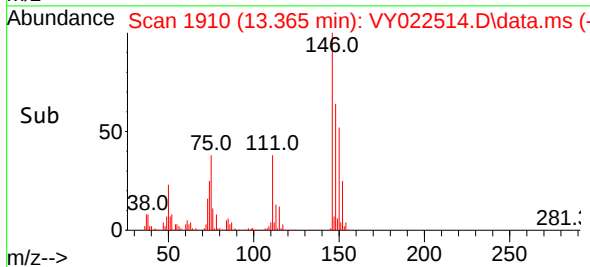
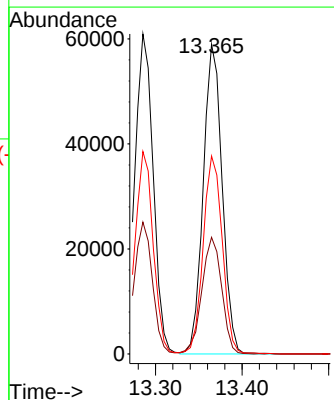
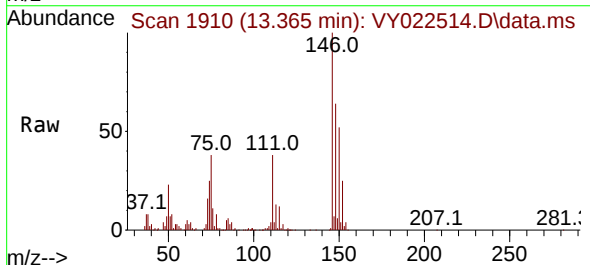
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

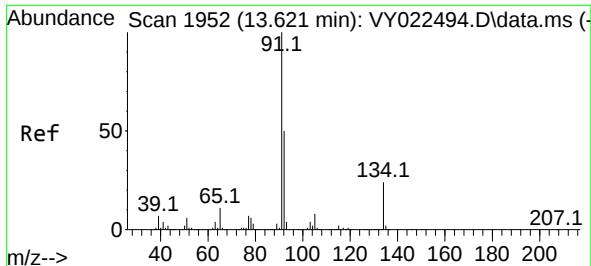
Tgt Ion:146 Resp: 91645
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.1 60.2
 148 62.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.709 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

Tgt Ion:146 Resp: 89601
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.4 58.2
 148 64.6 31.6 94.8

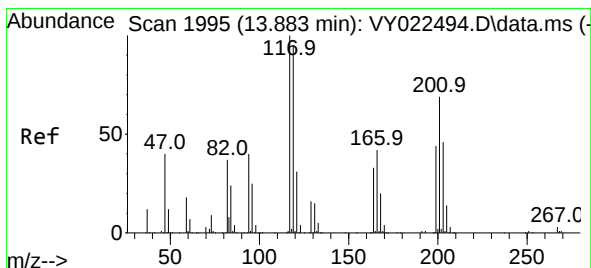
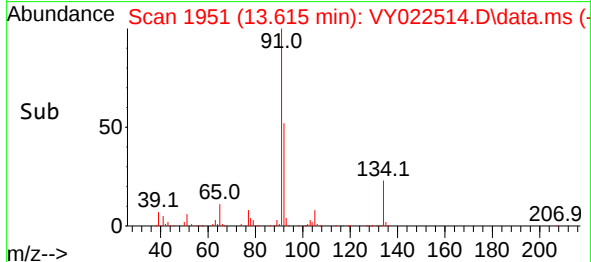
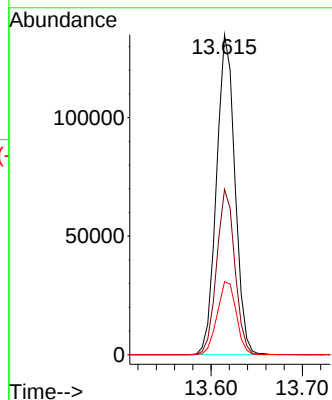
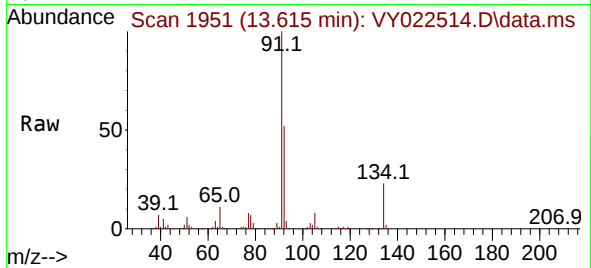




#89
n-Butylbenzene
Concen: 21.478 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

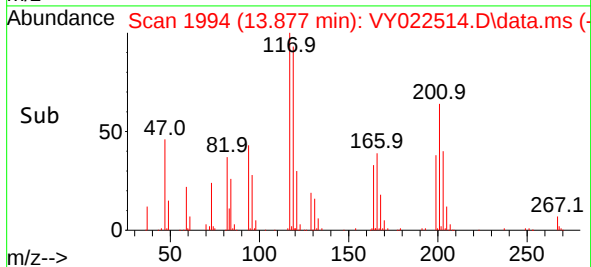
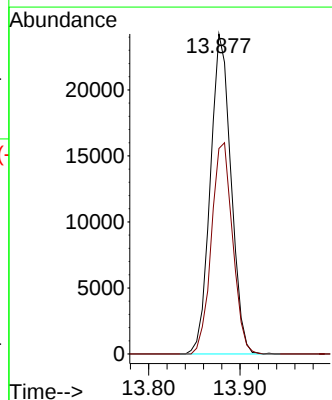
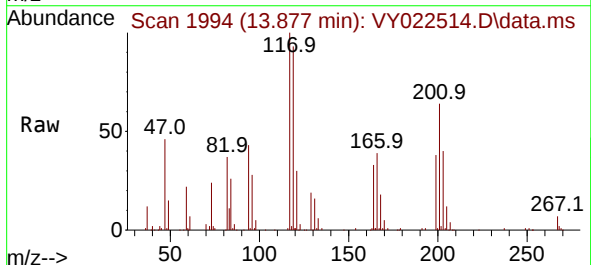
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBSD01

Tgt Ion: 91 Resp: 189125
Ion Ratio Lower Upper
91 100
92 51.0 25.9 77.8
134 23.7 12.0 36.1



#90
Hexachloroethane
Concen: 21.128 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022514.D
Acq: 03 Jun 2025 11:38

Tgt Ion: 117 Resp: 38174
Ion Ratio Lower Upper
117 100
201 67.6 34.0 102.0

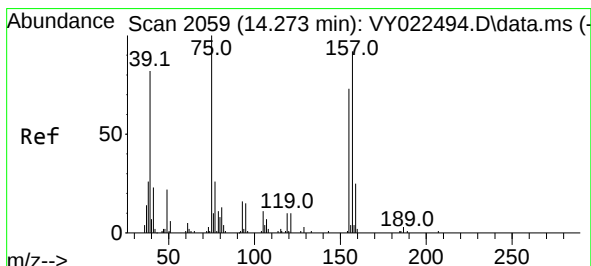
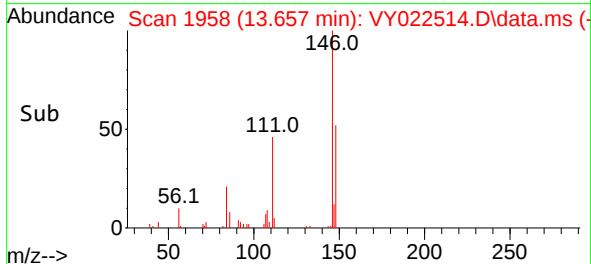
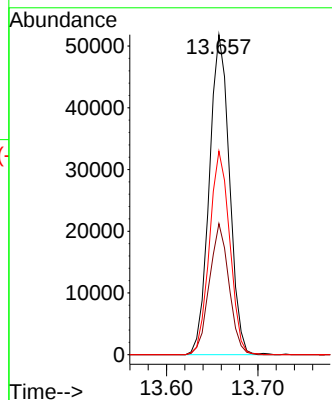
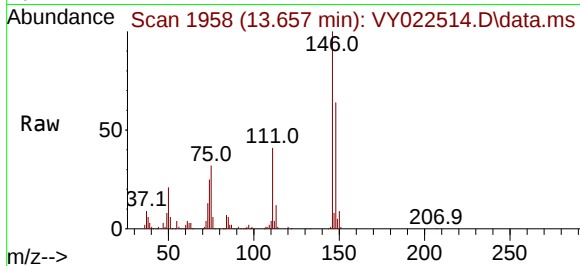




#91
 1,2-Dichlorobenzene
 Concen: 20.938 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

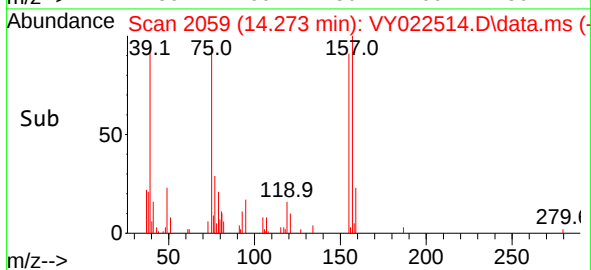
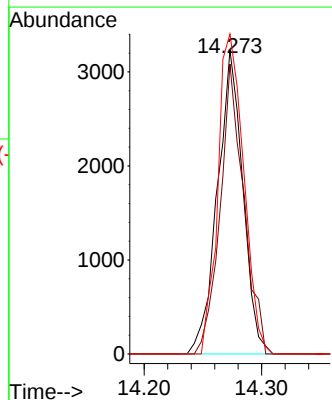
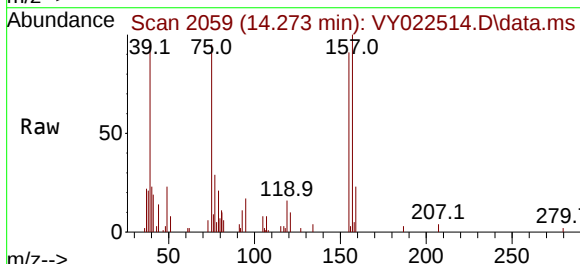
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBSD01

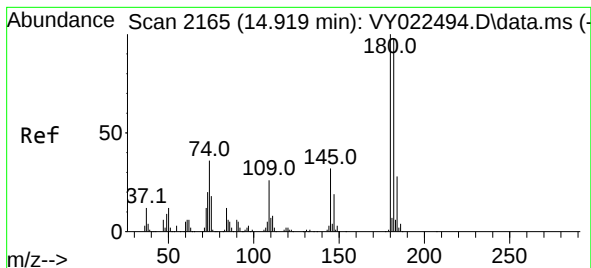
Tgt Ion:	146	Resp:	79301
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.9	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.429 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022514.D
 Acq: 03 Jun 2025 11:38

Tgt Ion:	75	Resp:	4844
Ion	Ratio	Lower	Upper
75	100		
155	88.8	39.9	119.6
157	107.4	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.945 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

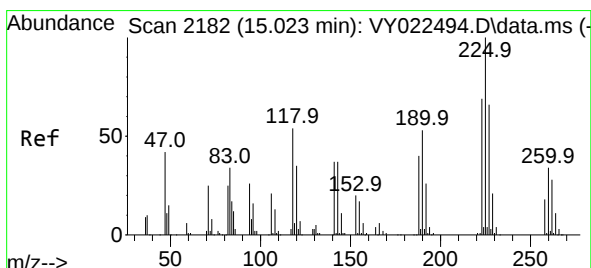
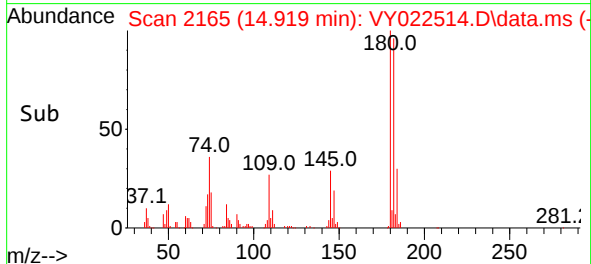
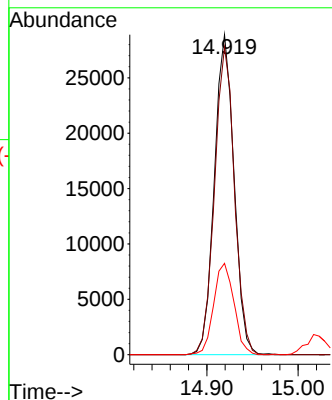
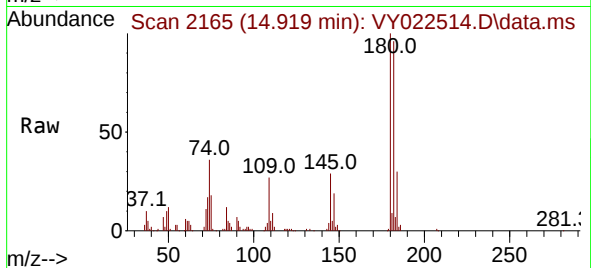
Tgt Ion:180 Resp: 43264

Ion Ratio Lower Upper

180 100

182 97.4 48.4 145.3

145 29.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.747 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

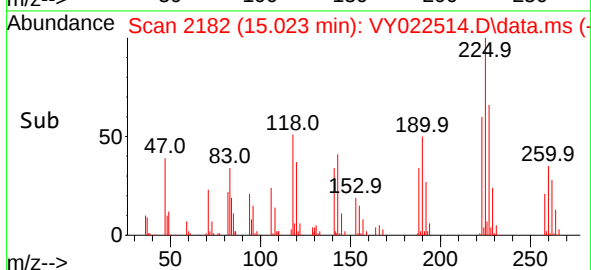
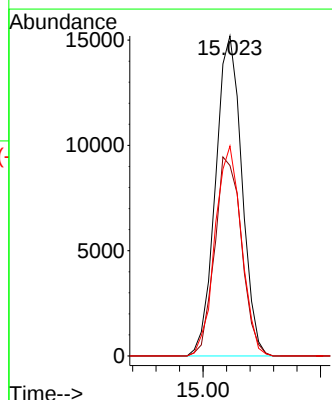
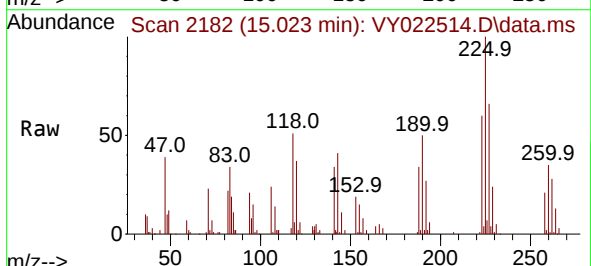
Tgt Ion:225 Resp: 23654

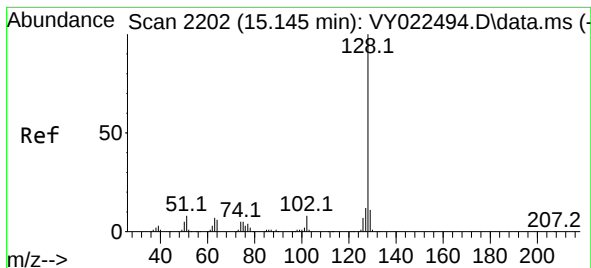
Ion Ratio Lower Upper

225 100

223 63.7 32.5 97.4

227 65.7 32.3 96.9





#95

Naphthalene

Concen: 19.418 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

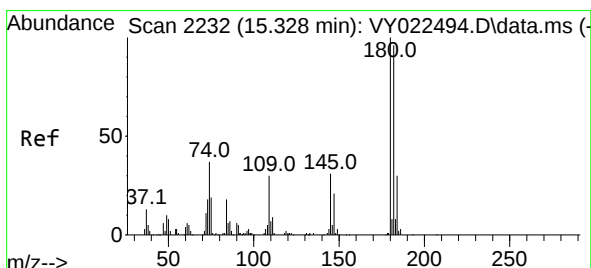
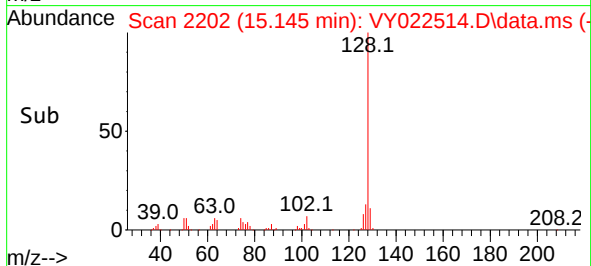
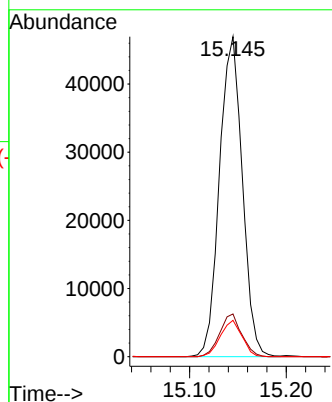
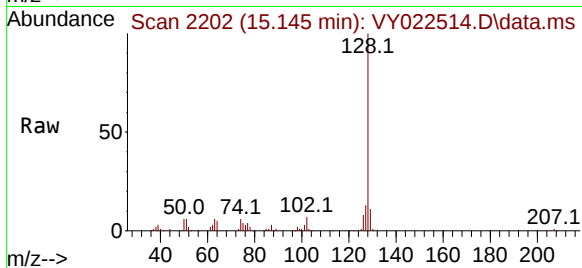
Tgt Ion:128 Resp: 76972

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.294 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022514.D

Acq: 03 Jun 2025 11:38

Tgt Ion:180 Resp: 35926

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.3

145 32.4 15.2 45.6

