

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022540.D
 Acq On : 04 Jun 2025 10:54
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Quant Time: Jun 05 04:10:00 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	177182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	307142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	119650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106897	53.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.880%	
35) Dibromofluoromethane	7.634	113	97744	53.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.103	98	395544	53.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.402	95	114746	51.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35026	22.080	ug/l	90
3) Chloromethane	2.068	50	88146	18.809	ug/l	100
4) Vinyl Chloride	2.202	62	119787	22.034	ug/l	96
5) Bromomethane	2.592	94	110721	21.249	ug/l	98
6) Chloroethane	2.733	64	84104	22.539	ug/l	92
7) Trichlorofluoromethane	3.044	101	108660	23.544	ug/l	94
8) Diethyl Ether	3.452	74	22203	21.362	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	39953	20.554	ug/l	100
10) Methyl Iodide	4.001	142	37260	17.713	ug/l	98
11) Tert butyl alcohol	4.860	59	14189	100.248	ug/l #	91
12) 1,1-Dichloroethene	3.787	96	39181	21.087	ug/l	98
13) Acrolein	3.653	56	18621	105.565	ug/l	99
14) Allyl chloride	4.379	41	59207	20.298	ug/l	100
15) Acrylonitrile	5.055	53	44556	101.220	ug/l	98
16) Acetone	3.867	43	35077	87.158	ug/l	94
17) Carbon Disulfide	4.104	76	121952	20.501	ug/l	99
18) Methyl Acetate	4.379	43	23786	19.959	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	105462	20.152	ug/l	100
20) Methylene Chloride	4.610	84	43768	19.146	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	42985	20.671	ug/l	95
22) Diisopropyl ether	6.019	45	135749	20.908	ug/l	98
23) Vinyl Acetate	5.958	43	382202	99.458	ug/l	99
24) 1,1-Dichloroethane	5.915	63	80929	21.158	ug/l	99
25) 2-Butanone	6.896	43	54351	93.626	ug/l	100
26) 2,2-Dichloropropane	6.884	77	68446	20.253	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	50930	21.189	ug/l	100
28) Bromochloromethane	7.244	49	34936	20.953	ug/l	99
29) Tetrahydrofuran	7.262	42	36518	97.534	ug/l	98
30) Chloroform	7.415	83	79864	21.080	ug/l	95
31) Cyclohexane	7.701	56	74481	19.559	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	71144	21.154	ug/l	99
36) 1,1-Dichloropropene	7.835	75	60956	20.487	ug/l	99
37) Ethyl Acetate	6.982	43	26561	20.018	ug/l	100
38) Carbon Tetrachloride	7.817	117	61082	20.012	ug/l	95
39) Methylcyclohexane	9.110	83	79839	19.967	ug/l	96
40) Benzene	8.079	78	182569	20.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13844	17.862	ug/l	96
42) 1,2-Dichloroethane	8.152	62	48113	20.051	ug/l	99
43) Isopropyl Acetate	8.195	43	54608	19.056	ug/l	99
44) Trichloroethene	8.866	130	43493	20.250	ug/l	100
45) 1,2-Dichloropropane	9.140	63	43797	21.087	ug/l	99
46) Dibromomethane	9.231	93	23454	20.073	ug/l	98
47) Bromodichloromethane	9.420	83	61994	20.924	ug/l	97
48) Methyl methacrylate	9.219	41	25682	19.095	ug/l	99
49) 1,4-Dioxane	9.231	88	5502	397.467	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	133612	93.517	ug/l	98
52) Toluene	10.170	92	111969	20.274	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	54358	19.581	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	65573	20.292	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	28750	19.296	ug/l	91
56) Ethyl methacrylate	10.439	69	41087	19.080	ug/l	99
57) 1,3-Dichloropropane	10.719	76	52232	19.779	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	96419	98.618	ug/l	100
59) 2-Hexanone	10.762	43	87540	91.614	ug/l	100
60) Dibromochloromethane	10.908	129	37312	19.706	ug/l	98
61) 1,2-Dibromoethane	11.018	107	27846	20.505	ug/l	96
64) Tetrachloroethene	10.646	164	46715	20.869	ug/l	97
65) Chlorobenzene	11.438	112	117493	20.404	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	38244	19.715	ug/l	98
67) Ethyl Benzene	11.518	91	210828	19.739	ug/l	100
68) m/p-Xylenes	11.627	106	157542	38.910	ug/l	99
69) o-Xylene	11.950	106	75325	19.843	ug/l	99
70) Styrene	11.969	104	122002	19.443	ug/l	99
71) Bromoform	12.133	173	19189	18.589	ug/l #	96
73) Isopropylbenzene	12.255	105	194422	19.792	ug/l	100
74) N-amyl acetate	12.066	43	46408	18.723	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	30021	18.621	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	43940	32.100	ug/l #	100
77) Bromobenzene	12.530	156	41454	19.998	ug/l	98
78) n-propylbenzene	12.591	91	237604	19.804	ug/l	98
79) 2-Chlorotoluene	12.676	91	128467	20.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	154233	19.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	10650	18.789	ug/l	98
82) 4-Chlorotoluene	12.773	91	129597	19.756	ug/l	98
83) tert-Butylbenzene	12.999	119	138927	20.071	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	154558	20.038	ug/l	100
85) sec-Butylbenzene	13.176	105	210444	19.851	ug/l	99
86) p-Isopropyltoluene	13.292	119	169354	19.381	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	83524	19.887	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	81311	19.960	ug/l	99
89) n-Butylbenzene	13.615	91	167479	20.202	ug/l	99
90) Hexachloroethane	13.877	117	33527	19.708	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	71253	19.982	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	4574	19.486	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	41052	21.108	ug/l	97
94) Hexachlorobutadiene	15.023	225	23044	21.468	ug/l	97
95) Naphthalene	15.145	128	73656	19.736	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	34247	20.547	ug/l	99

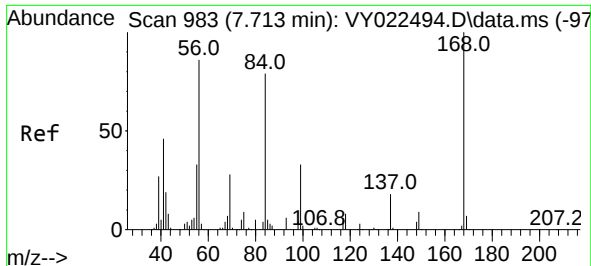
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Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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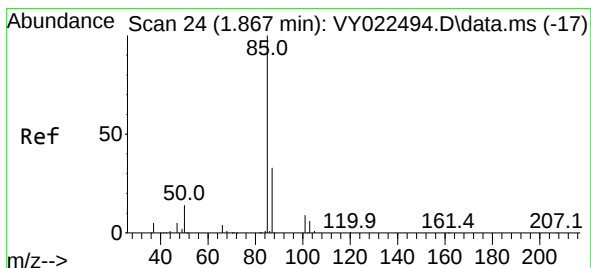
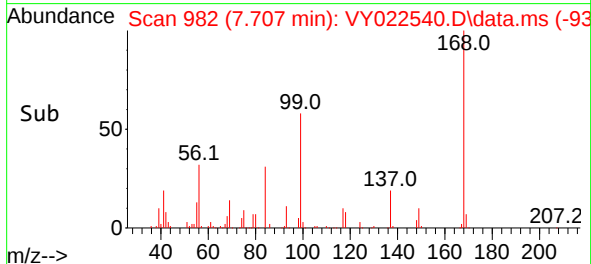
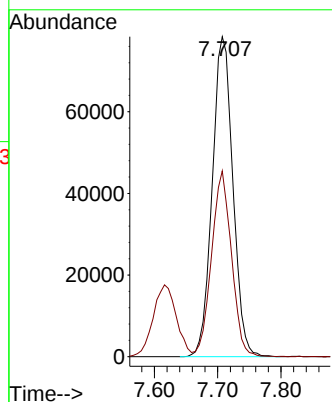
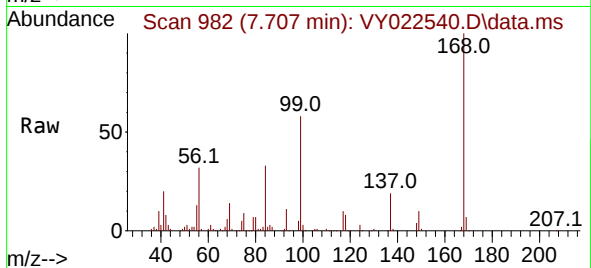
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

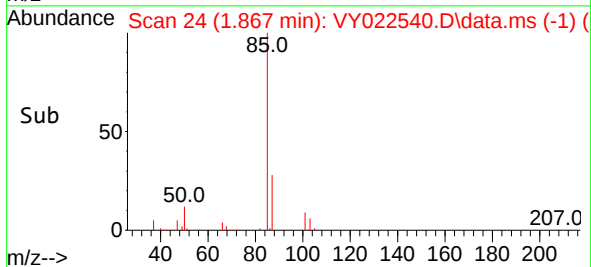
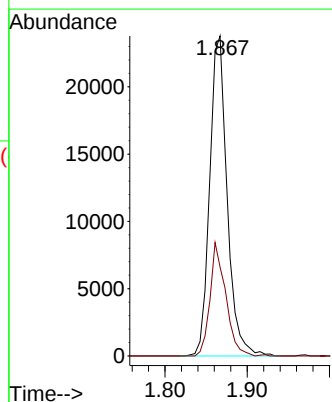
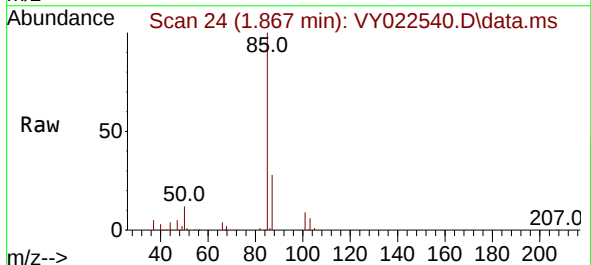
Instrument :
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VY0604SBS01

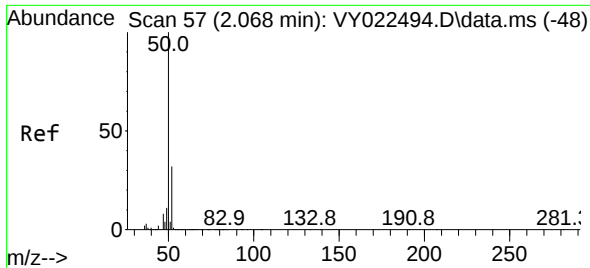
Tgt Ion:168 Resp: 177182
Ion Ratio Lower Upper
168 100
99 57.9 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.080 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 85 Resp: 35026
Ion Ratio Lower Upper
85 100
87 27.8 16.7 50.0

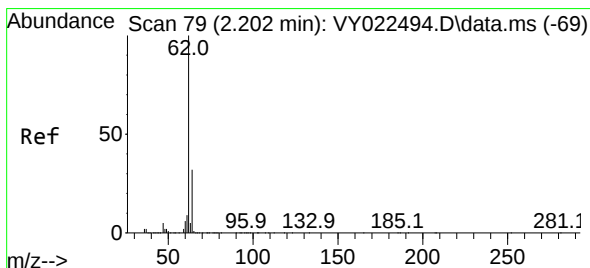
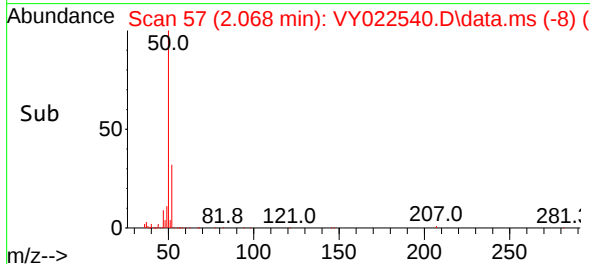
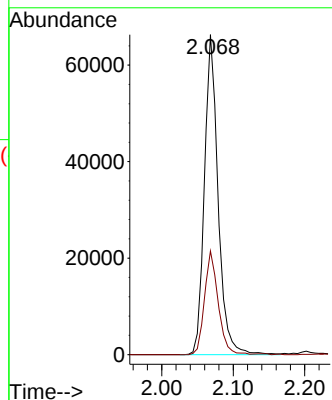
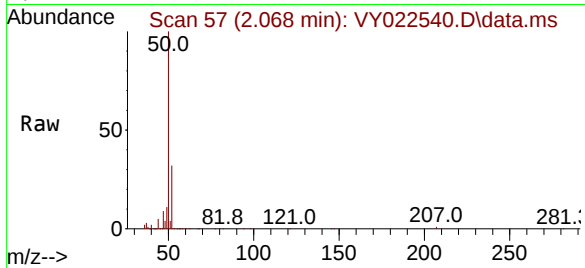




#3
Chloromethane
Concen: 18.809 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

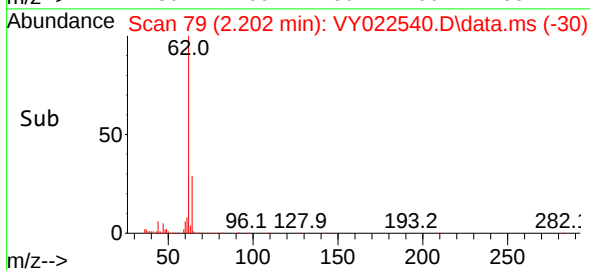
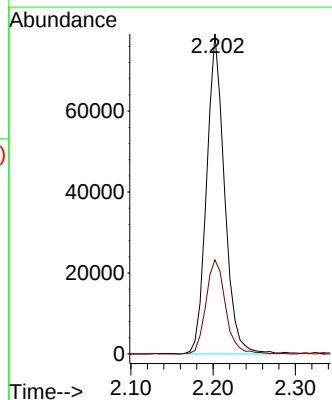
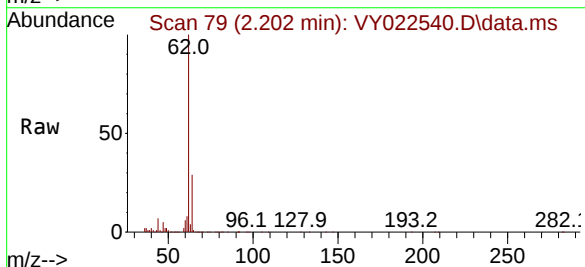
Instrument :
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ClientSampleId :
VY0604SBS01

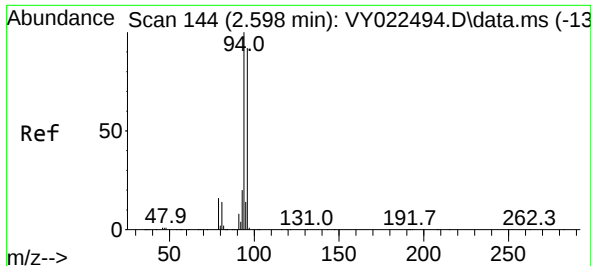
Tgt Ion: 50 Resp: 88146
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 22.034 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 62 Resp: 119787
Ion Ratio Lower Upper
62 100
64 29.4 25.3 37.9

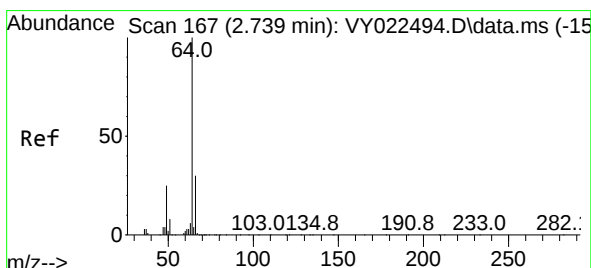
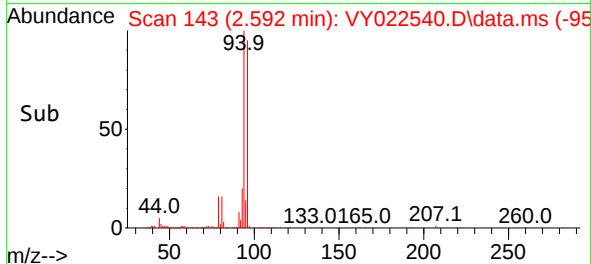
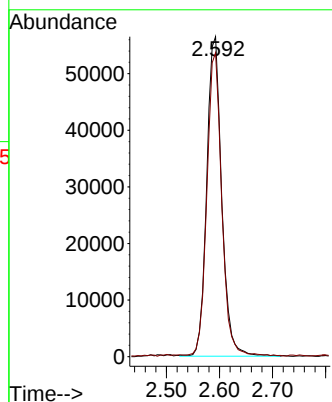
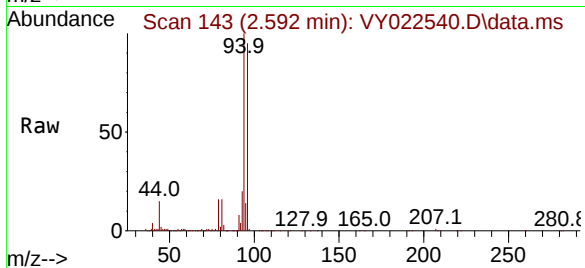




#5
Bromomethane
Concen: 21.249 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

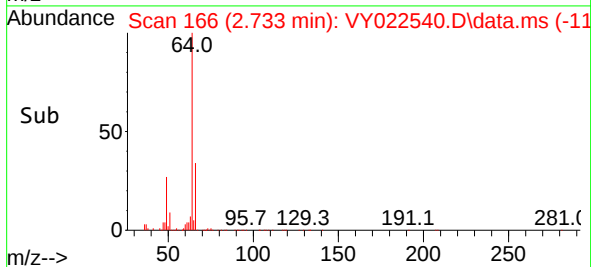
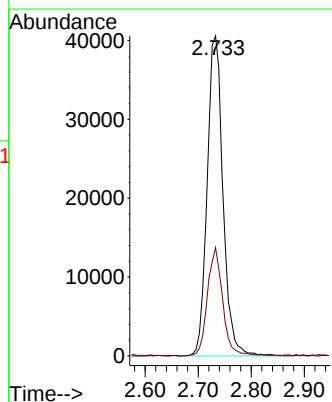
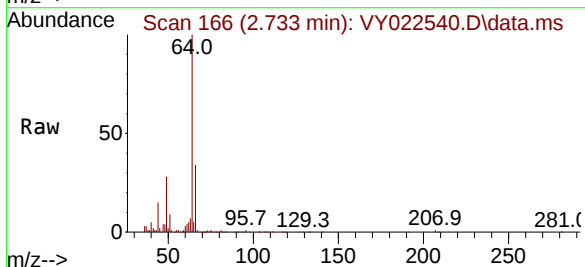
Instrument :
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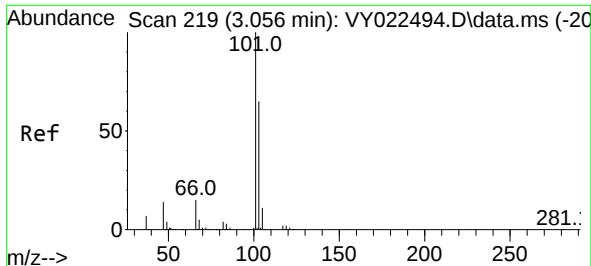
Tgt Ion: 94 Resp: 110721
Ion Ratio Lower Upper
94 100
96 94.7 74.0 111.0



#6
Chloroethane
Concen: 22.539 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 64 Resp: 84104
Ion Ratio Lower Upper
64 100
66 33.8 23.8 35.6

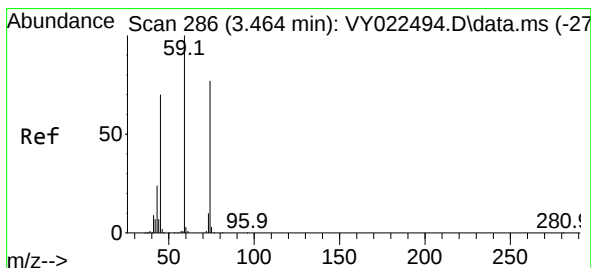
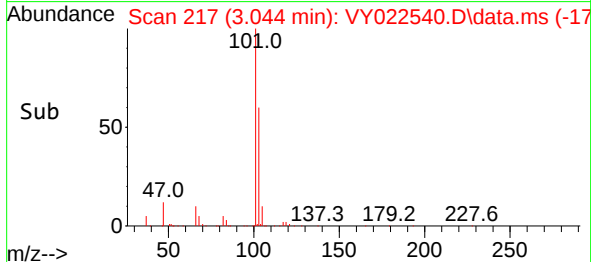
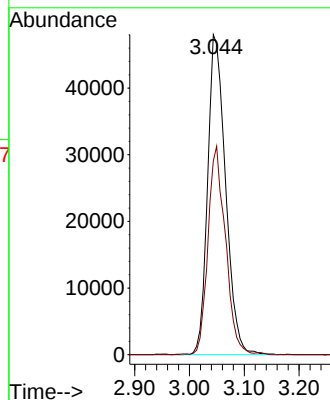
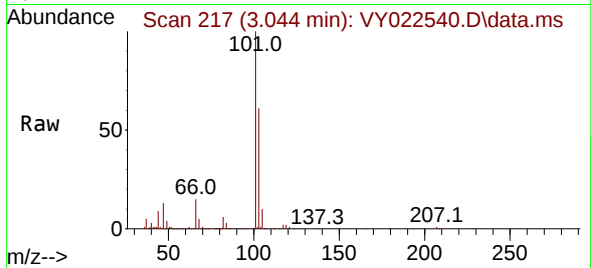




#7
Trichlorofluoromethane
Concen: 23.544 ug/l
RT: 3.044 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

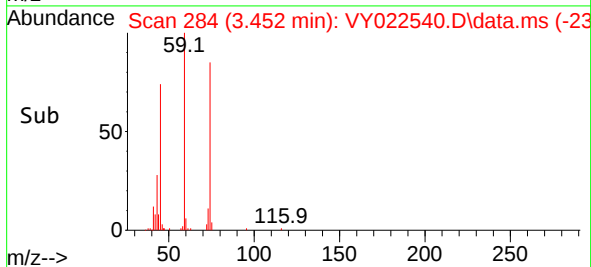
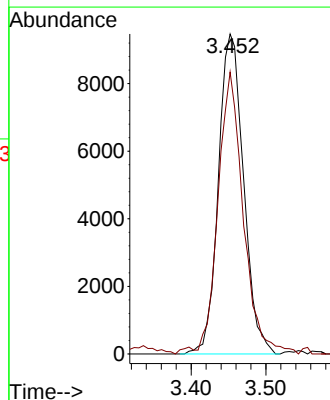
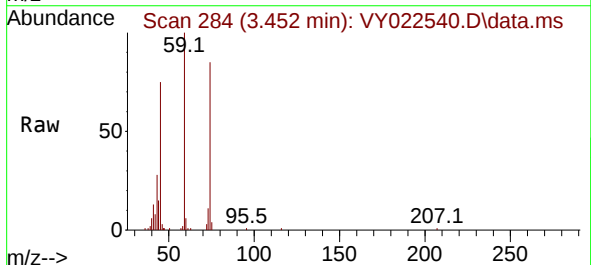
Instrument :
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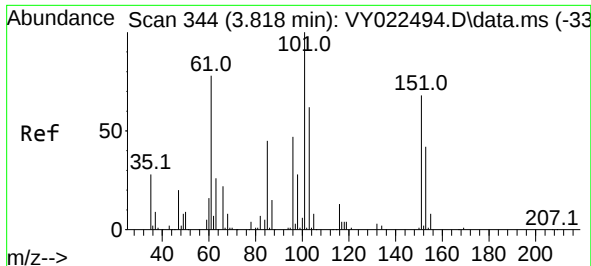
Tgt Ion:101 Resp: 108660
Ion Ratio Lower Upper
101 100
103 60.5 52.2 78.2



#8
Diethyl Ether
Concen: 21.362 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 74 Resp: 22203
Ion Ratio Lower Upper
74 100
45 88.9 45.9 137.6

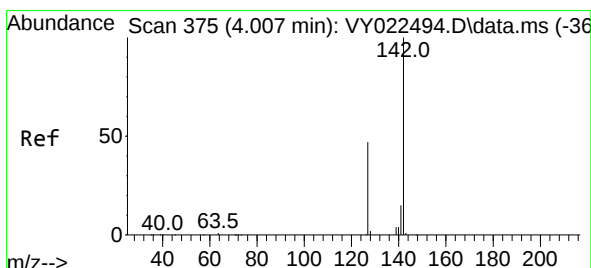
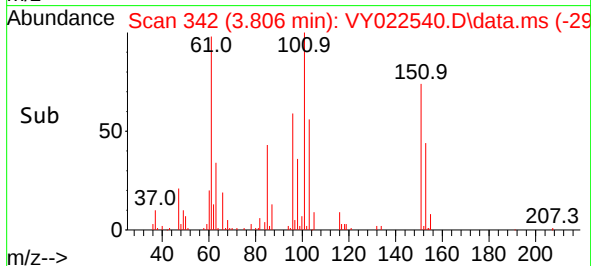
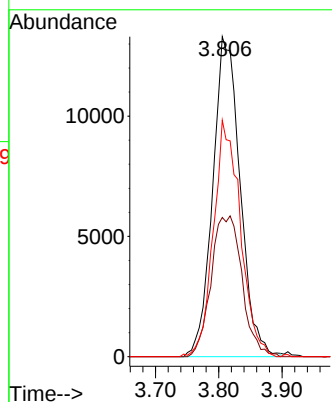
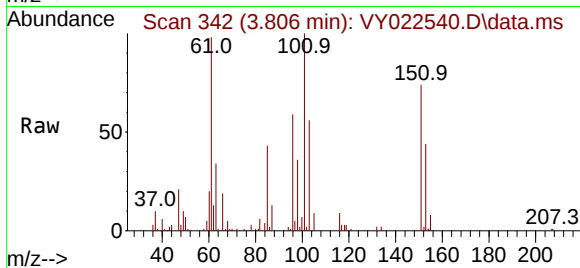




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.554 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022540.D
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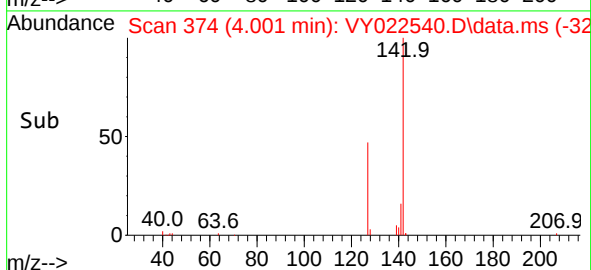
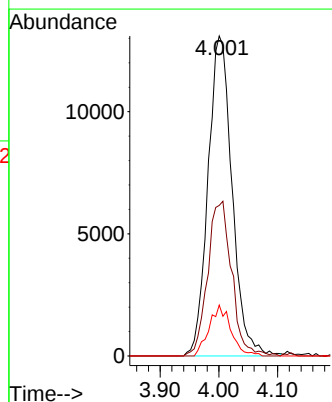
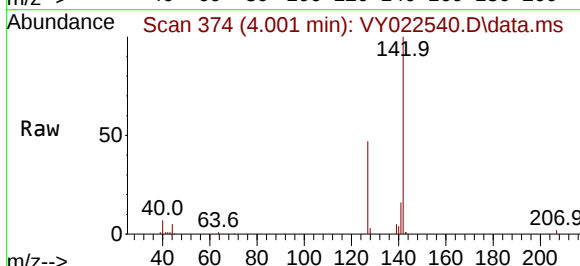
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

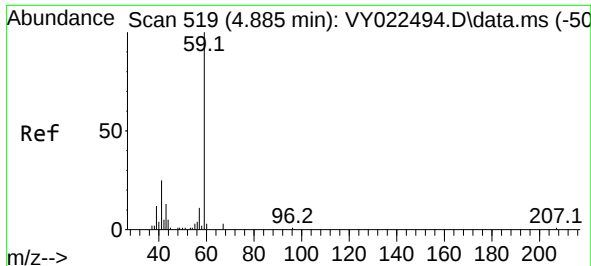
Tgt Ion:101 Resp: 39953
Ion Ratio Lower Upper
101 100
85 49.7 39.3 58.9
151 72.5 57.8 86.8



#10
Methyl Iodide
Concen: 17.713 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion:142 Resp: 37260
Ion Ratio Lower Upper
142 100
127 48.3 37.1 55.7
141 14.4 11.4 17.2

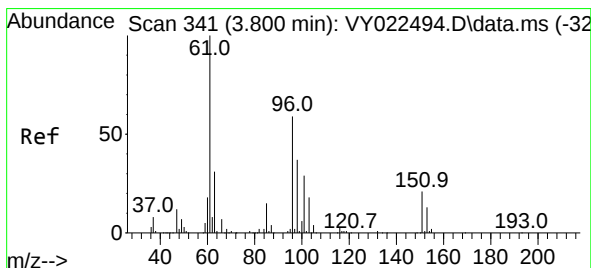
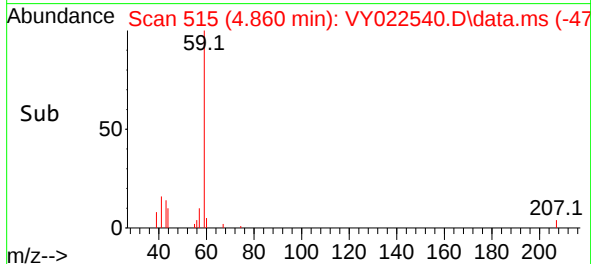
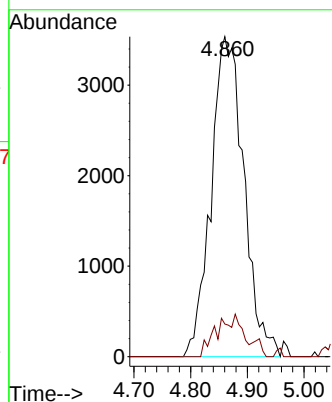
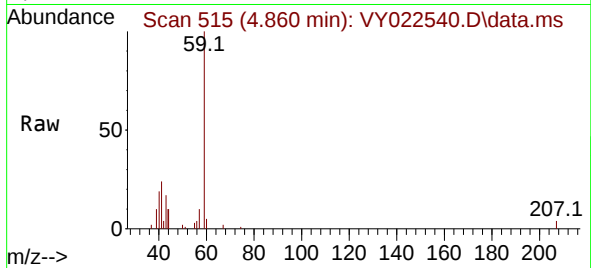




#11
Tert butyl alcohol
Concen: 100.248 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

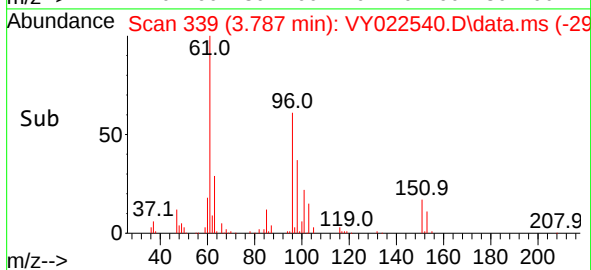
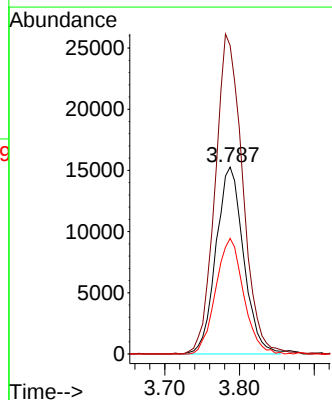
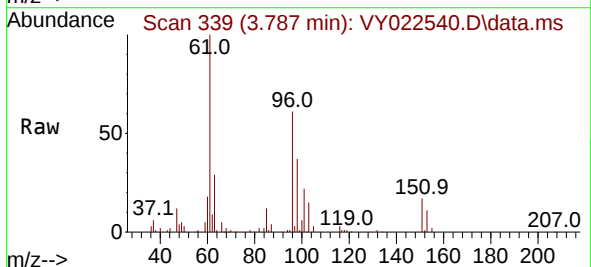
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

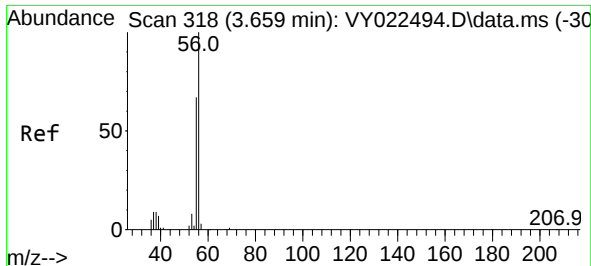
Tgt Ion: 59 Resp: 14189
Ion Ratio Lower Upper
59 100
57 6.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.087 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

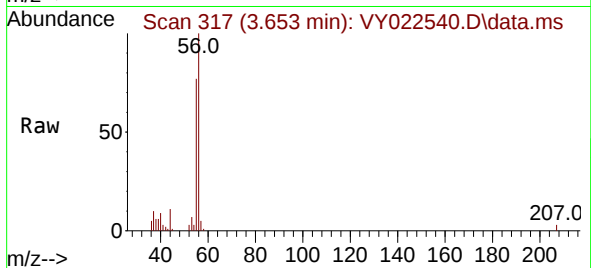
Tgt Ion: 96 Resp: 39181
Ion Ratio Lower Upper
96 100
61 165.1 134.6 201.8
98 61.8 50.2 75.4



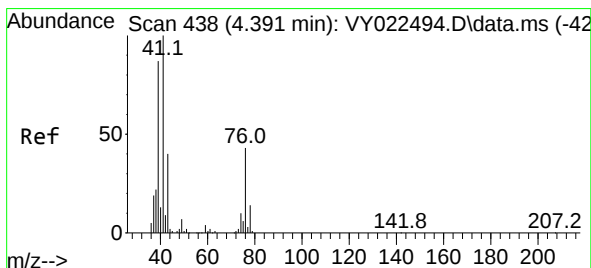
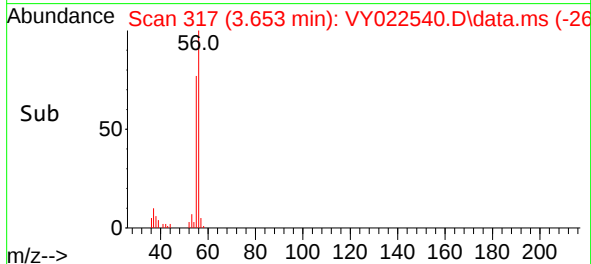
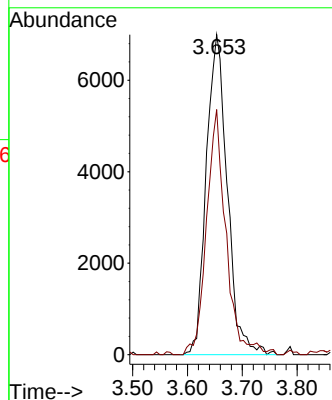


#13
Acrolein
Concen: 105.565 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

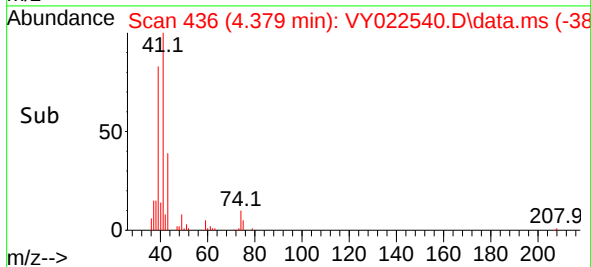
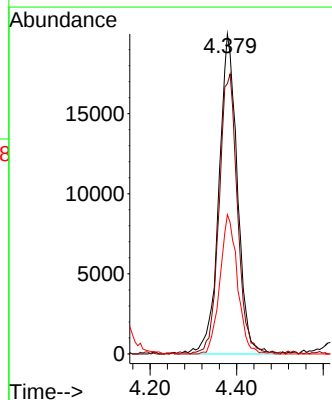
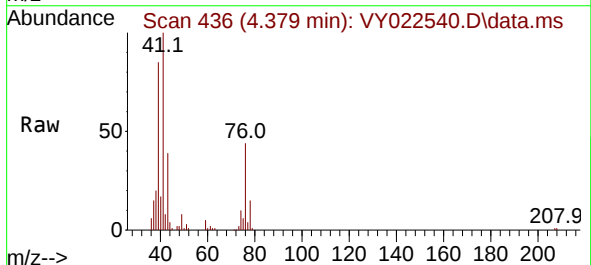


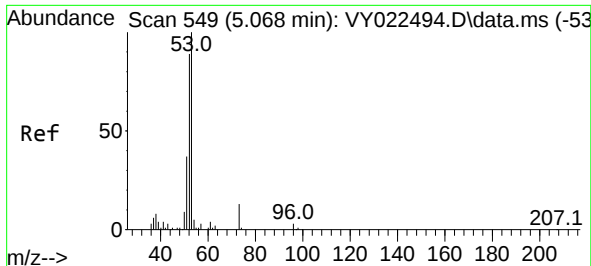
Tgt Ion: 56 Resp: 18621
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.6



#14
Allyl chloride
Concen: 20.298 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 41 Resp: 59207
Ion Ratio Lower Upper
41 100
39 86.7 69.1 103.7
76 41.5 33.5 50.3

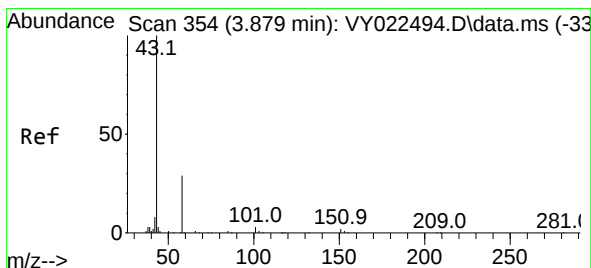
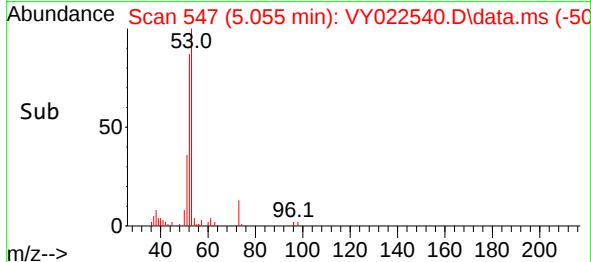
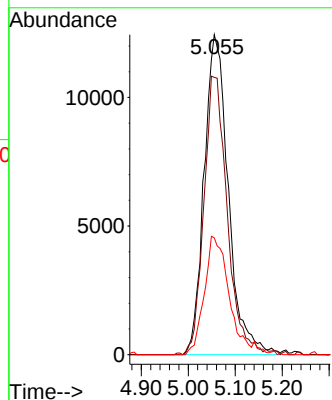
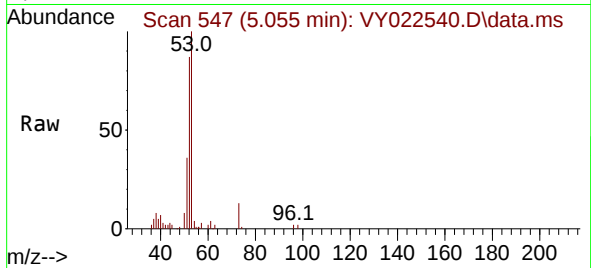




#15
Acrylonitrile
Concen: 101.220 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

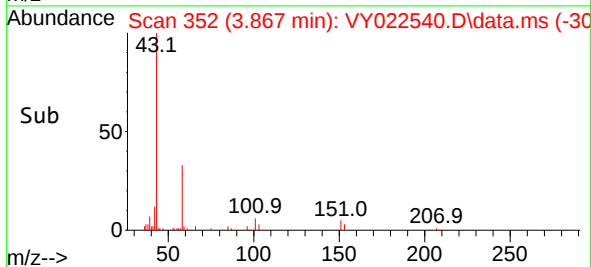
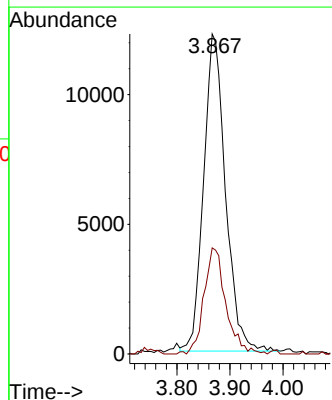
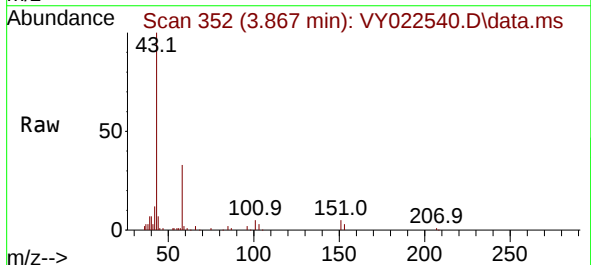
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

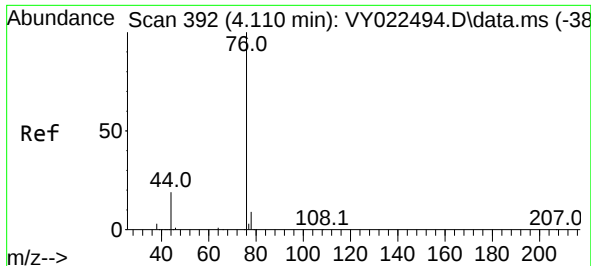
Tgt Ion:	53	Resp:	44556
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.7	98.5
51	37.1	30.1	45.1



#16
Acetone
Concen: 87.158 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion:	43	Resp:	35077
Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.0	36.0

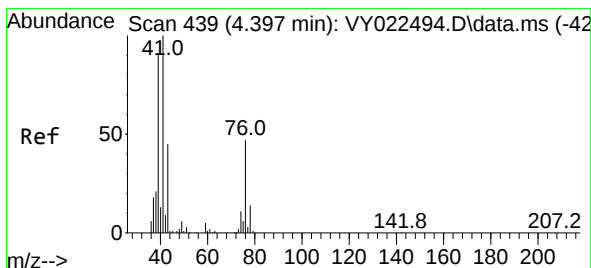
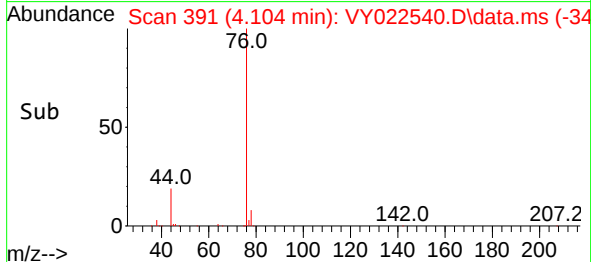
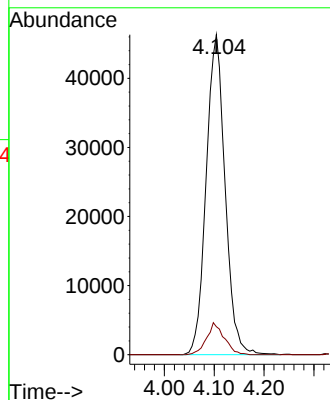
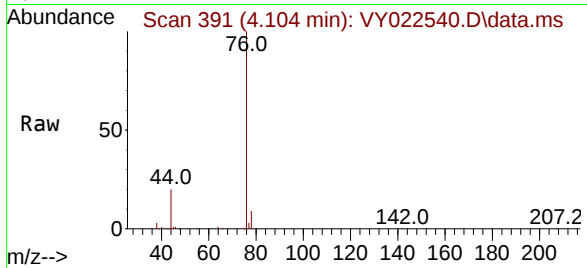




#17
Carbon Disulfide
Concen: 20.501 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

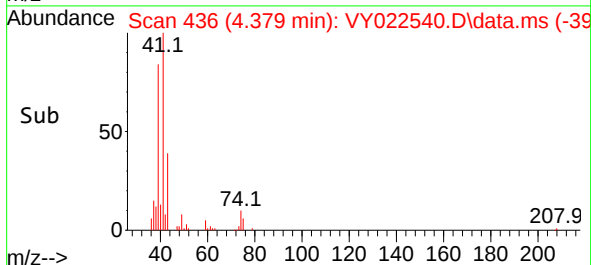
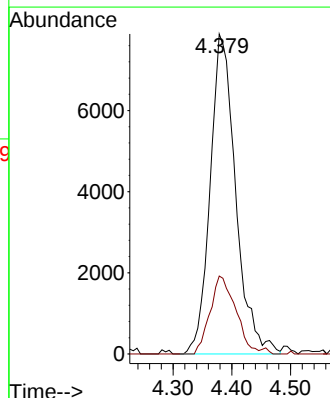
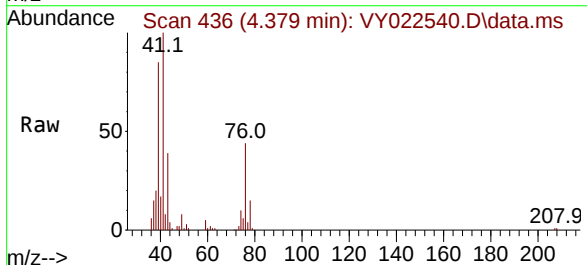
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

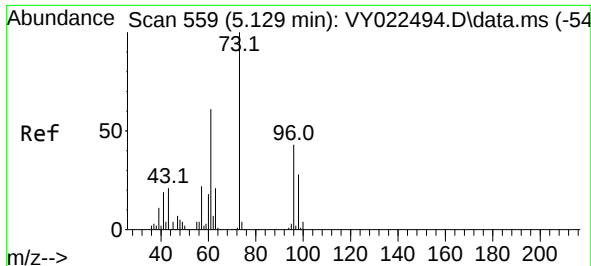
Tgt Ion: 76 Resp: 121952
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 19.959 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 43 Resp: 23786
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6

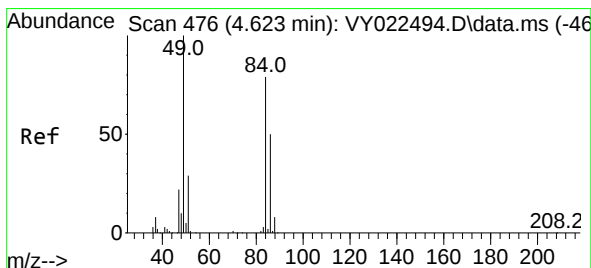
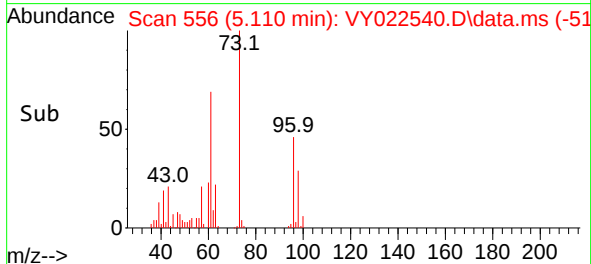
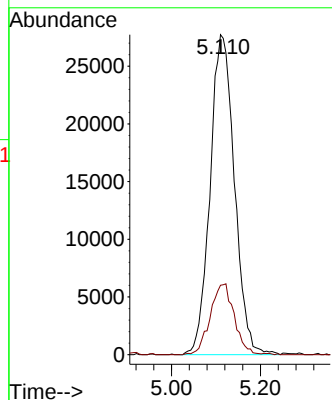
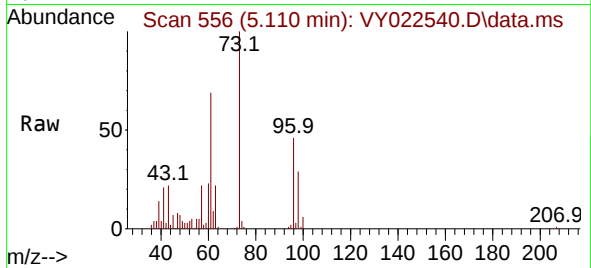




#19
Methyl tert-butyl Ether
Concen: 20.152 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

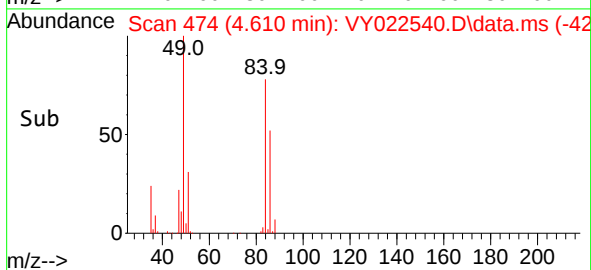
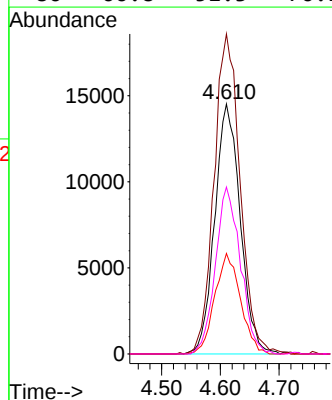
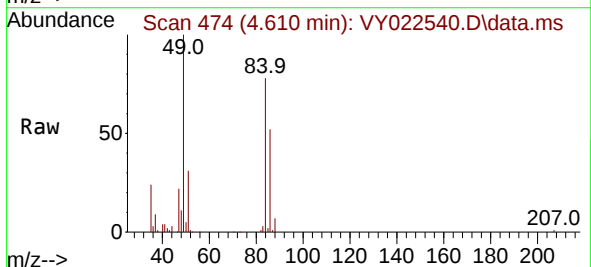
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

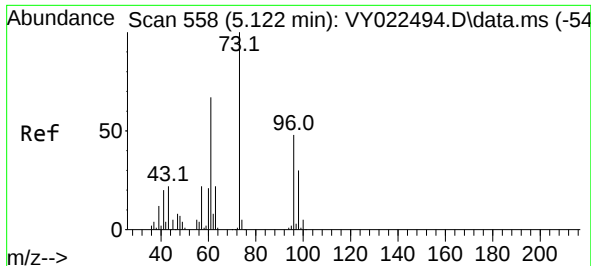
Tgt Ion: 73 Resp: 105462
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 19.146 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 84 Resp: 43768
Ion Ratio Lower Upper
84 100
49 127.5 101.9 152.9
51 40.2 29.8 44.8
86 66.8 51.3 76.9

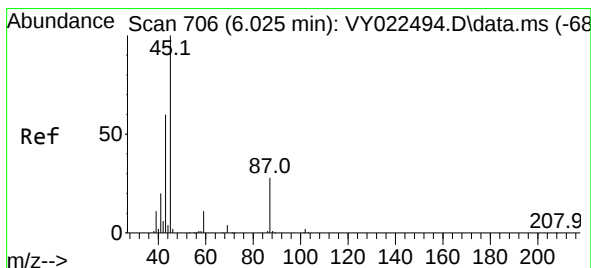
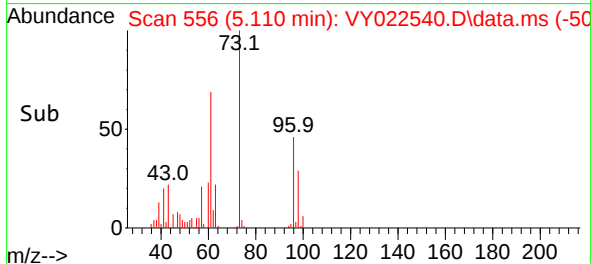
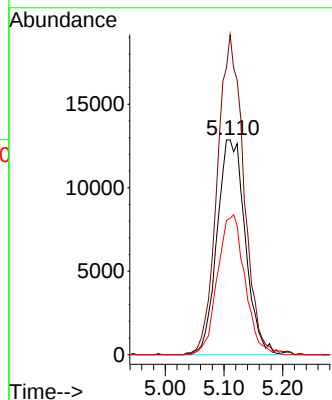
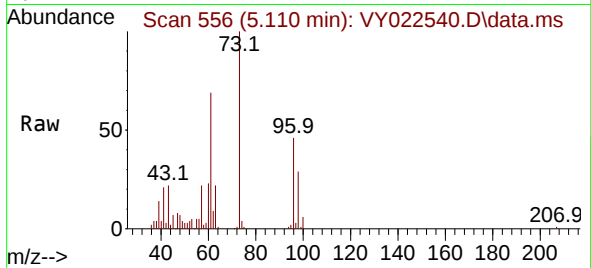




#21
trans-1,2-Dichloroethene
Concen: 20.671 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

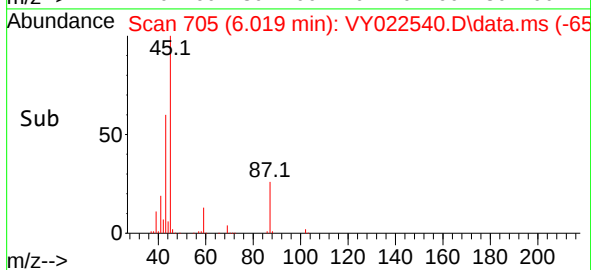
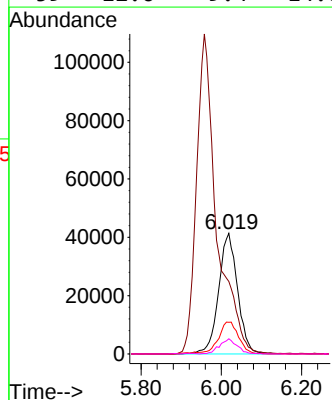
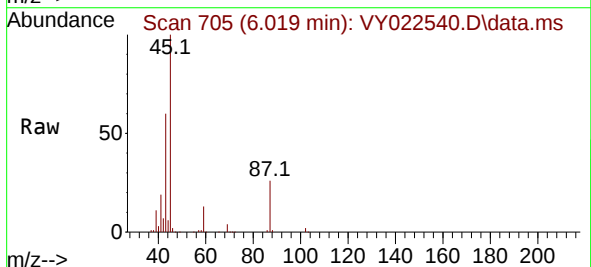
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

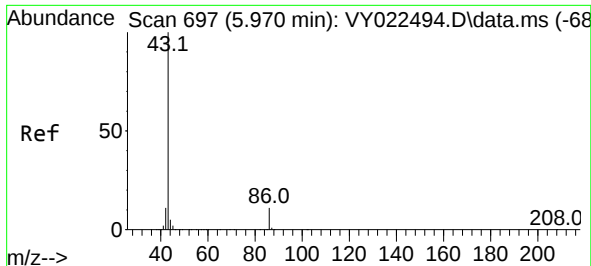
Tgt Ion: 96 Resp: 42985
Ion Ratio Lower Upper
96 100
61 148.9 112.6 169.0
98 63.5 50.6 75.8



#22
Diisopropyl ether
Concen: 20.908 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 45 Resp: 135749
Ion Ratio Lower Upper
45 100
43 59.6 48.3 72.5
87 26.1 23.0 34.6
59 12.6 9.4 14.0

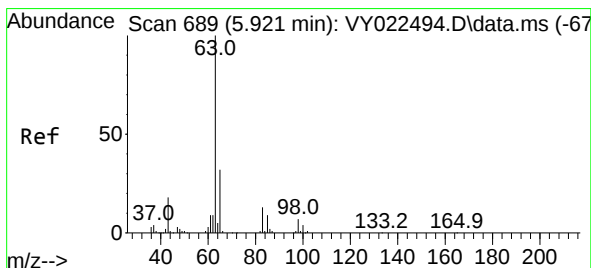
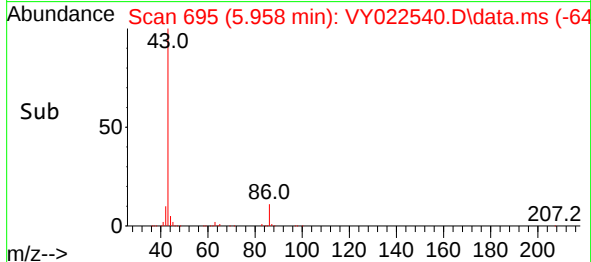
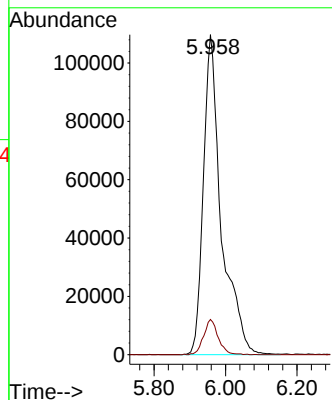
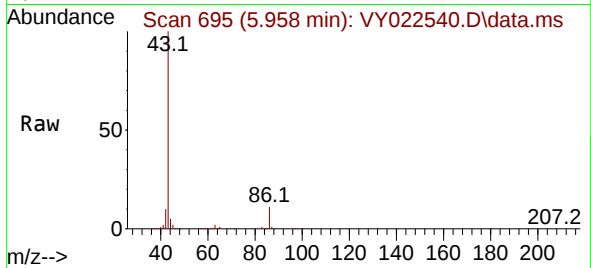




#23
 Vinyl Acetate
 Concen: 99.458 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022540.D
 Acq: 04 Jun 2025 10:54

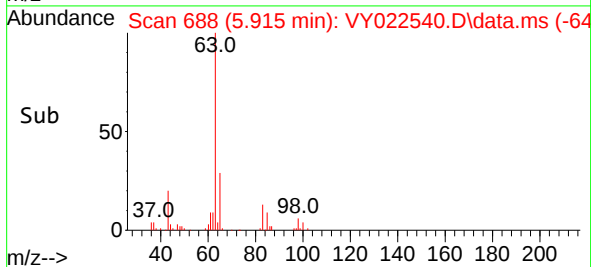
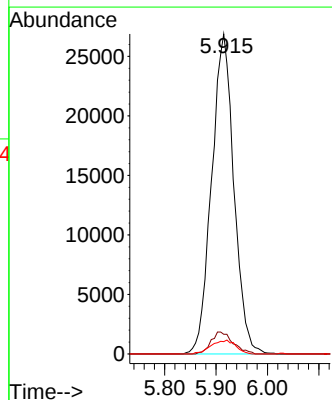
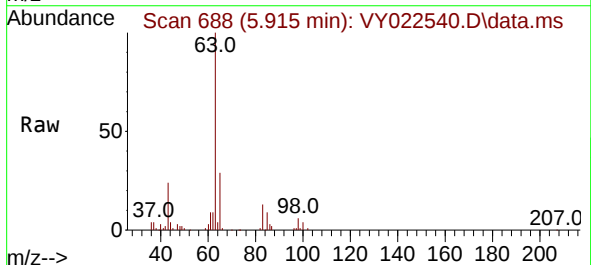
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

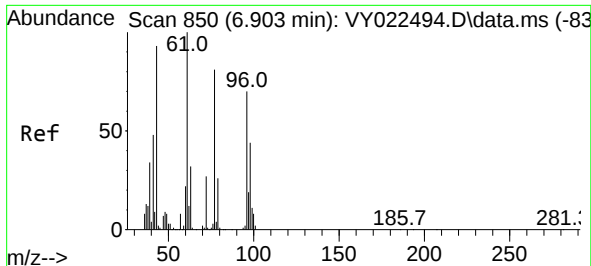
Tgt Ion: 43 Resp: 382202
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.158 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022540.D
 Acq: 04 Jun 2025 10:54

Tgt Ion: 63 Resp: 80929
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 3.8 2.1 6.3

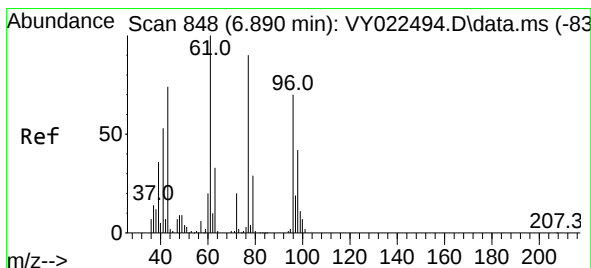
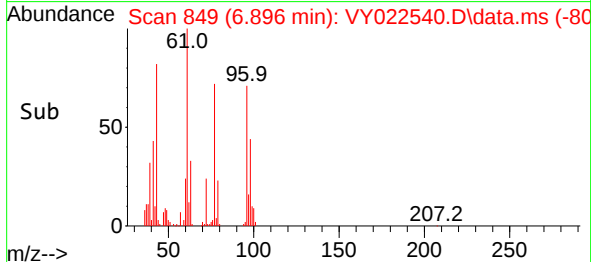
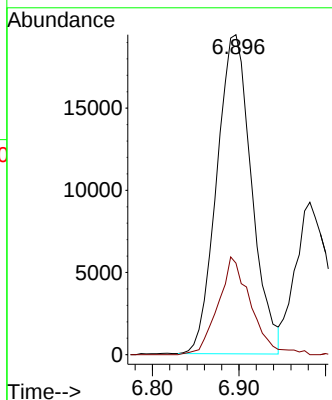
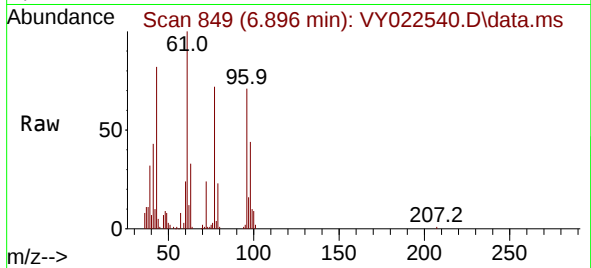




#25
2-Butanone
Concen: 93.626 ug/l
RT: 6.896 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

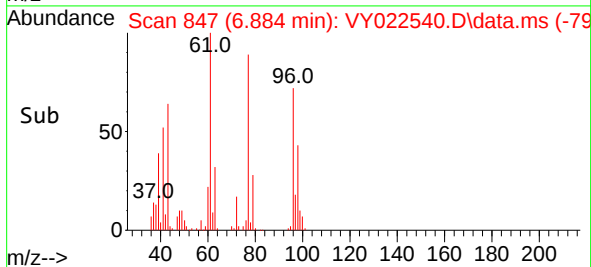
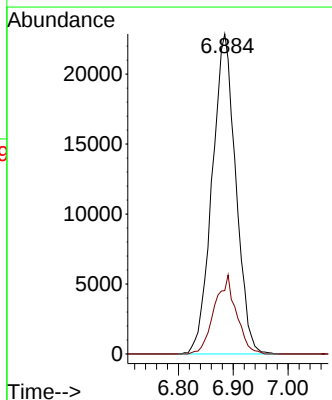
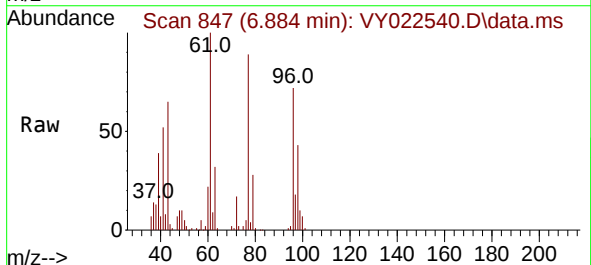
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

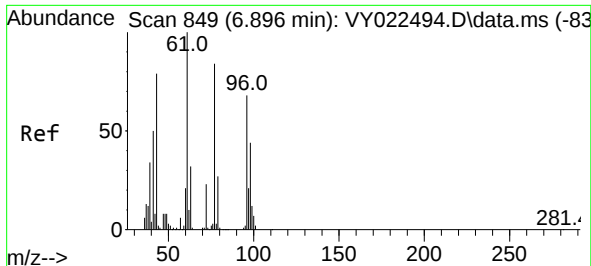
Tgt Ion: 43 Resp: 54351
Ion Ratio Lower Upper
43 100
72 28.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.253 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 77 Resp: 68446
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.189 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

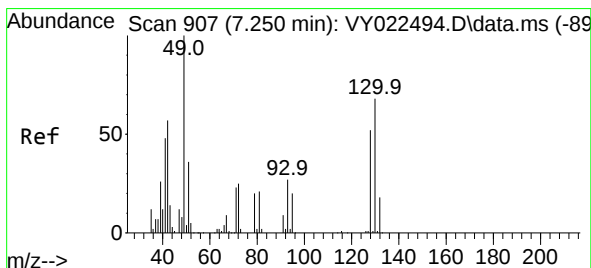
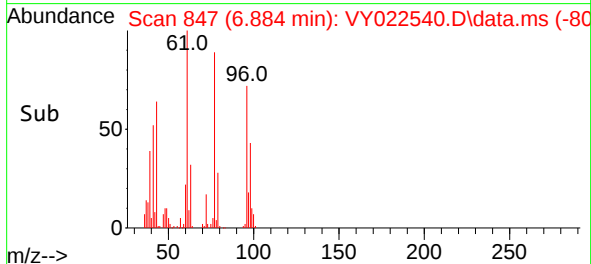
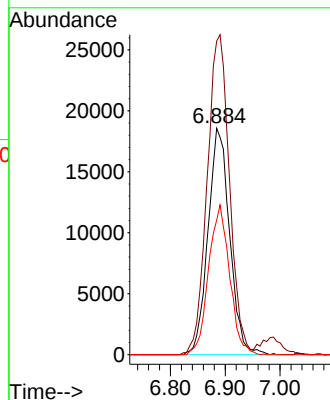
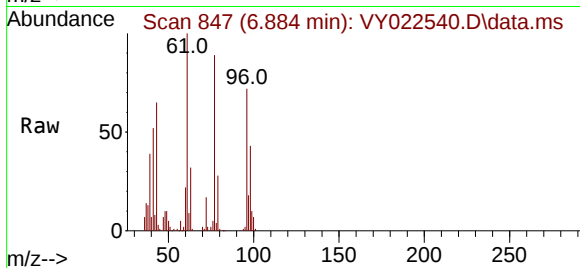
Tgt Ion: 96 Resp: 50930

Ion Ratio Lower Upper

96 100

61 145.7 0.0 290.0

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 20.953 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

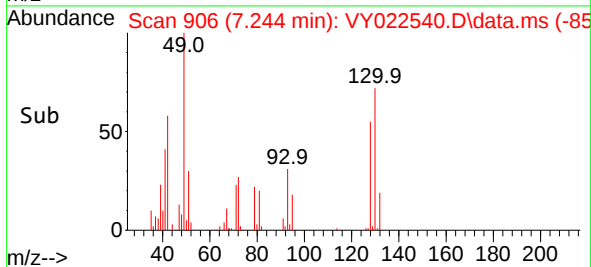
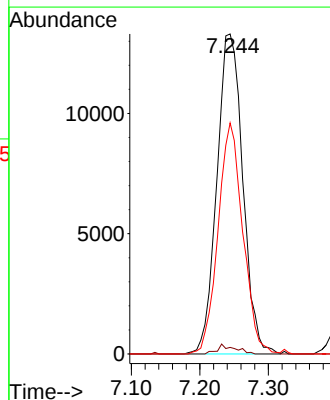
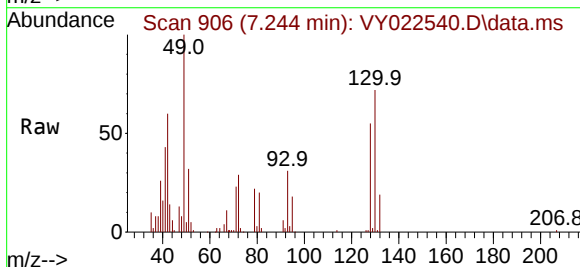
Tgt Ion: 49 Resp: 34936

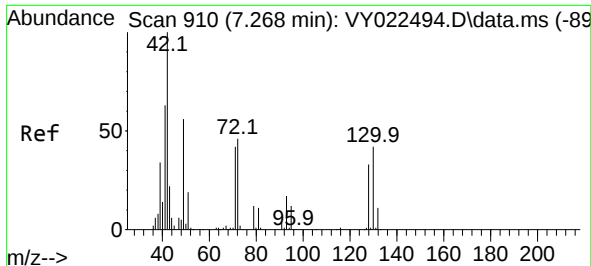
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 68.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 97.534 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

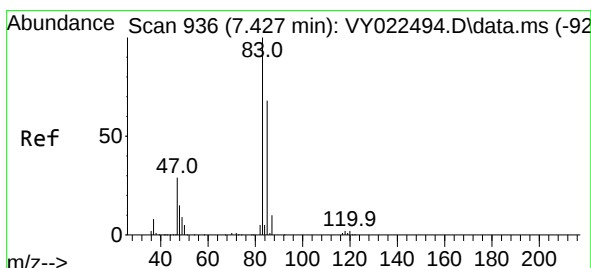
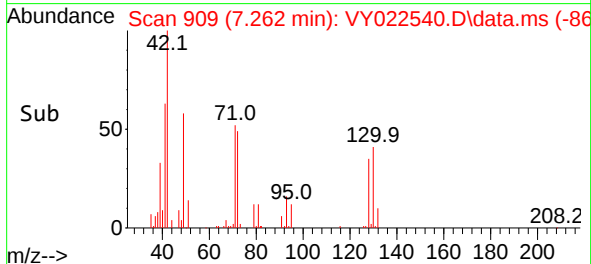
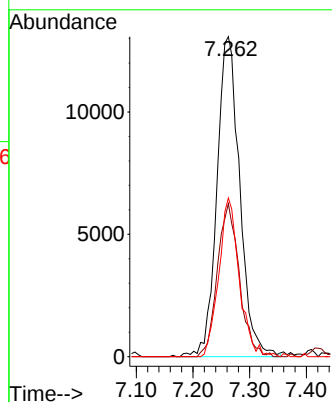
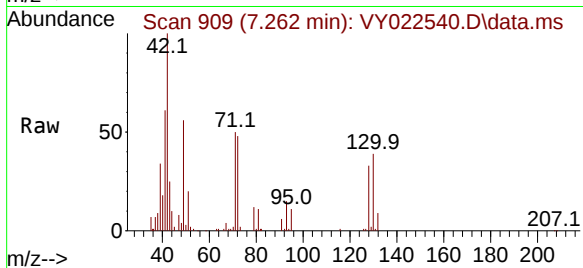
Tgt Ion: 42 Resp: 36518

Ion Ratio Lower Upper

42 100

72 45.9 37.4 56.2

71 44.4 34.2 51.2



#30

Chloroform

Concen: 21.080 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022540.D

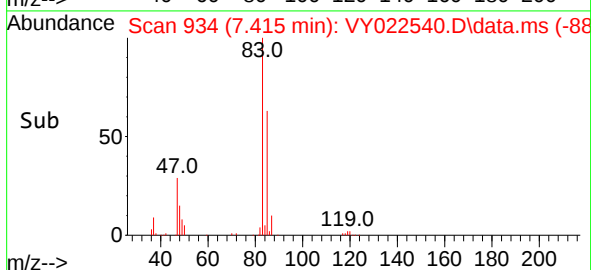
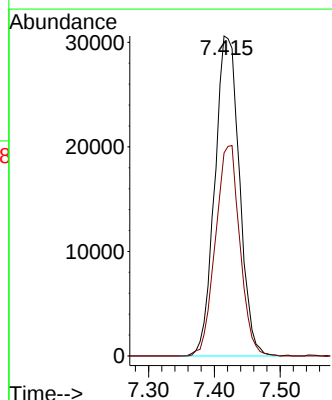
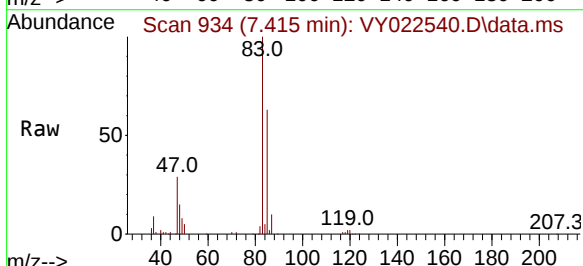
Acq: 04 Jun 2025 10:54

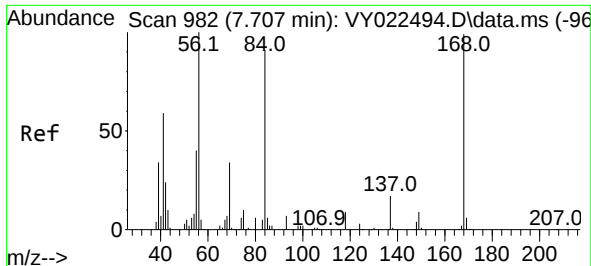
Tgt Ion: 83 Resp: 79864

Ion Ratio Lower Upper

83 100

85 63.5 54.2 81.4

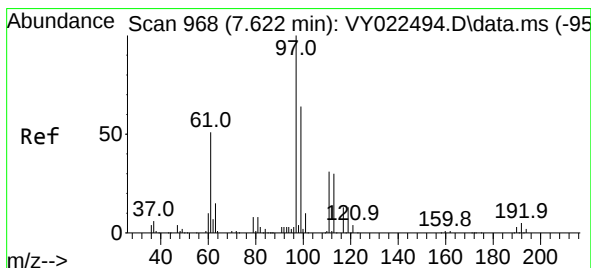
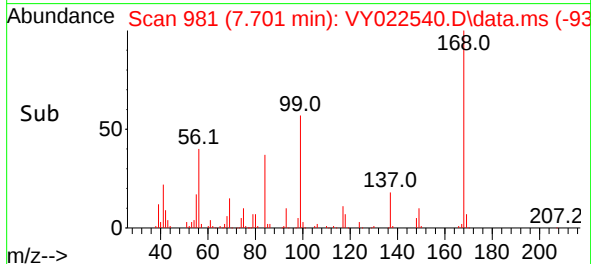
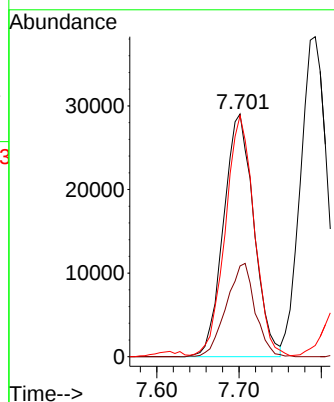
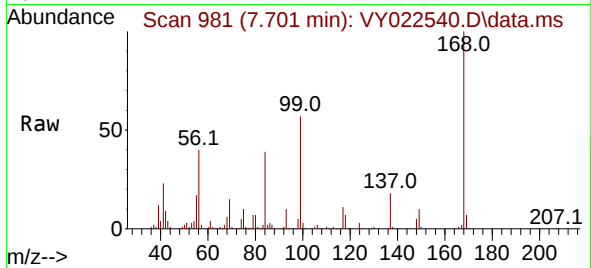




#31
Cyclohexane
Concen: 19.559 ug/l
RT: 7.701 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

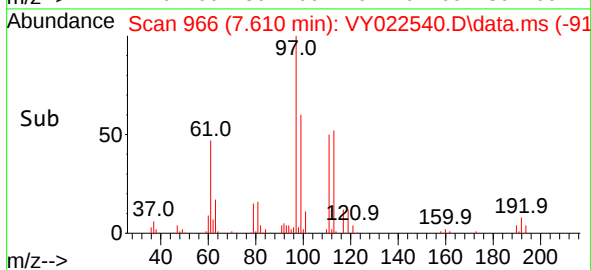
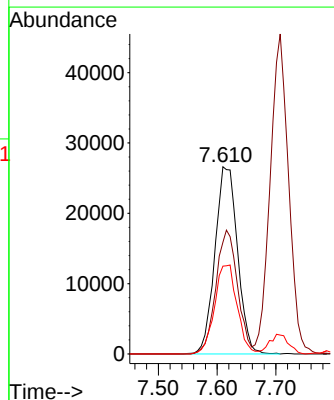
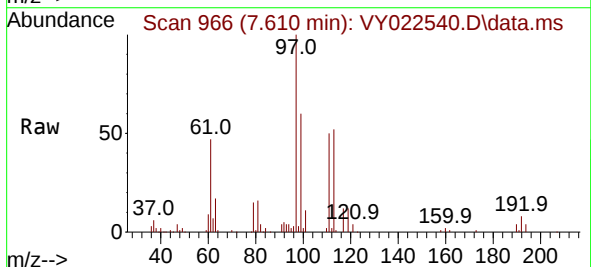
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

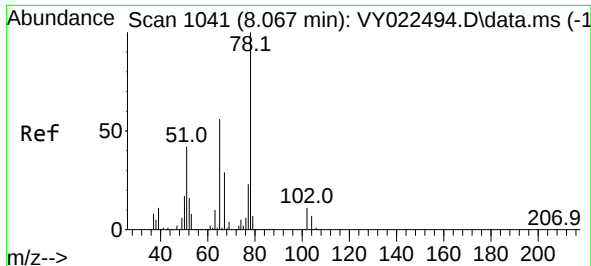
Tgt Ion: 56 Resp: 74481
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 97.2 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.154 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 97 Resp: 71144
Ion Ratio Lower Upper
97 100
99 63.2 50.9 76.3
61 47.3 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.943 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

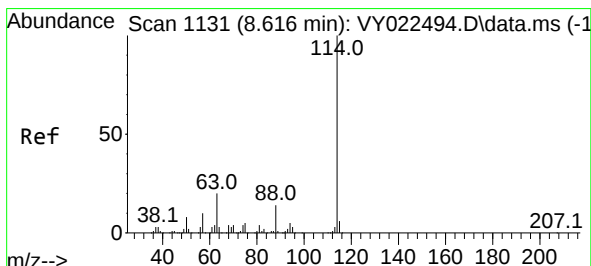
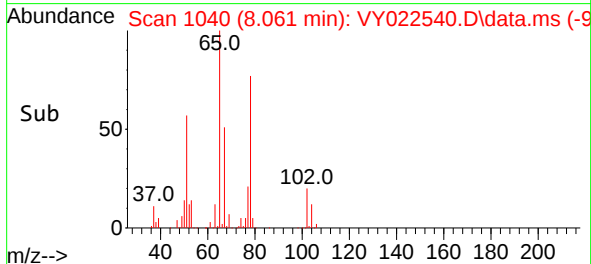
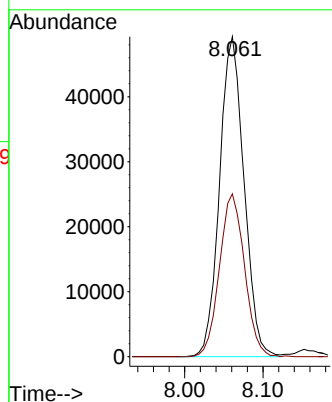
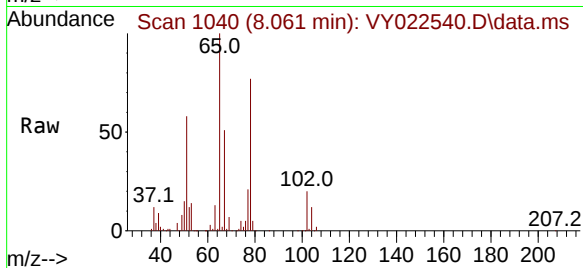
VY0604SBS01

Tgt Ion: 65 Resp: 106897

Ion Ratio Lower Upper

65 100

67 52.1 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: VY022540.D

Acq: 04 Jun 2025 10:54

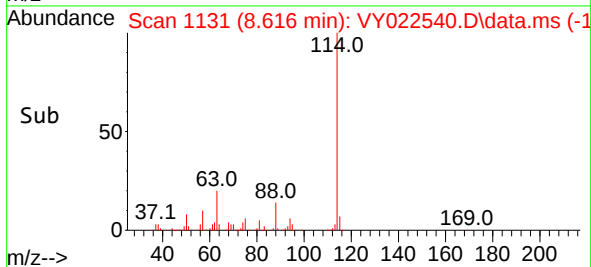
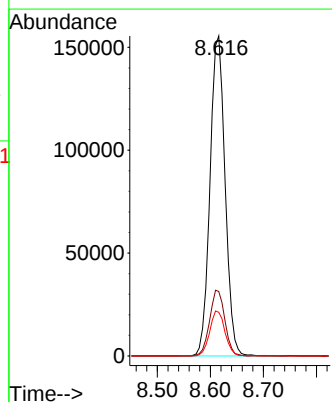
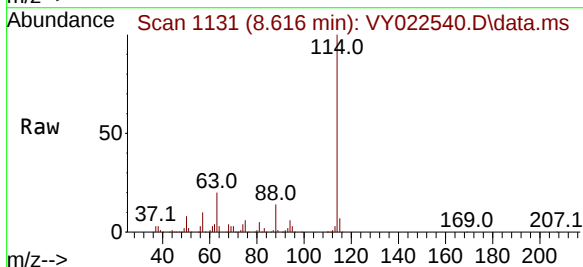
Tgt Ion: 114 Resp: 307142

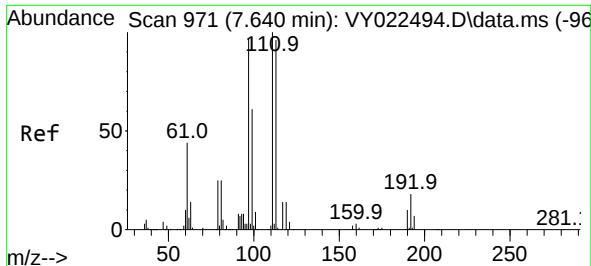
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 13.6 0.0 27.8

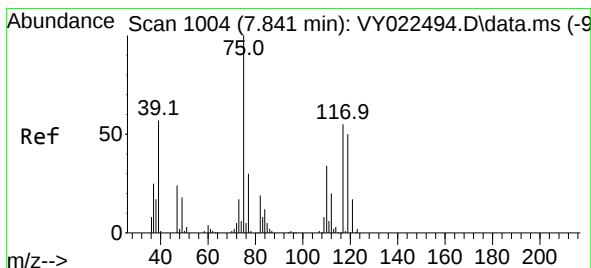
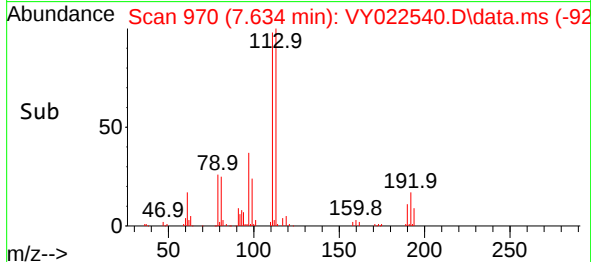
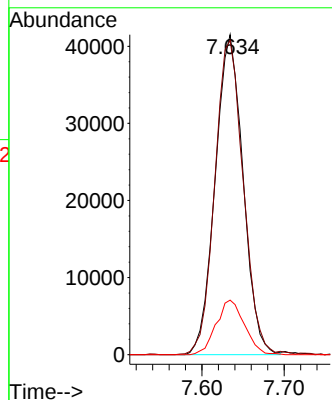
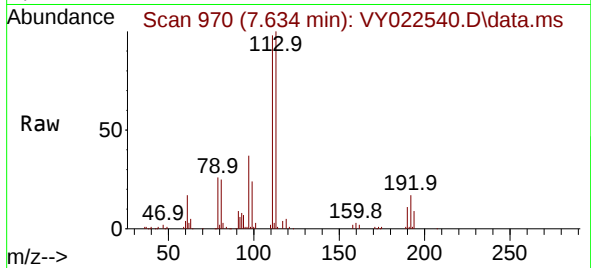




#35
Dibromofluoromethane
Concen: 53.317 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

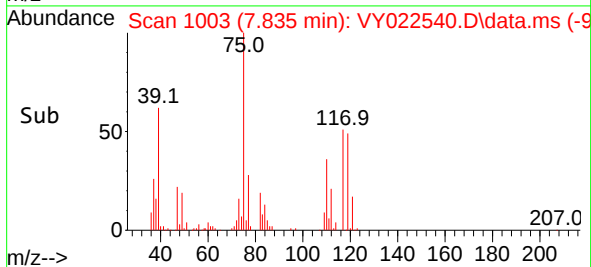
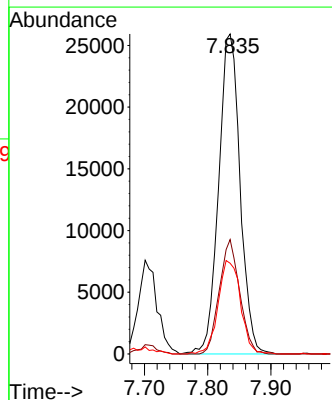
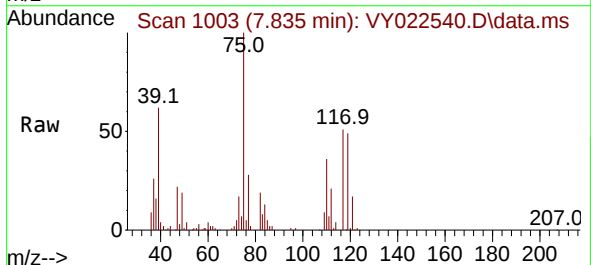
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

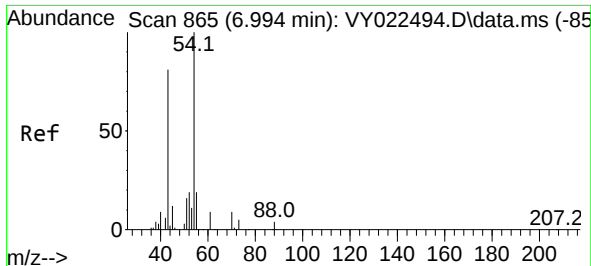
Tgt Ion:113 Resp: 97744
Ion Ratio Lower Upper
113 100
111 100.3 81.1 121.7
192 17.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.487 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 75 Resp: 60956
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 30.4 24.8 37.2

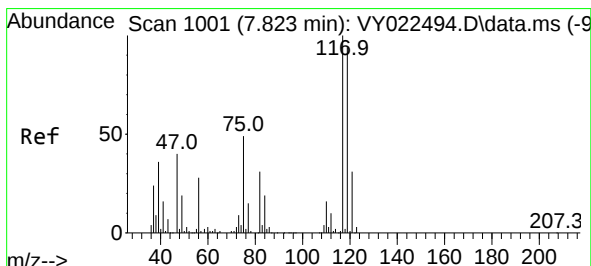
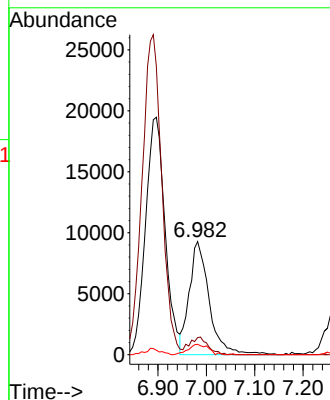
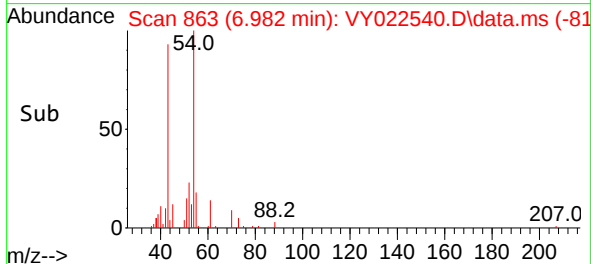
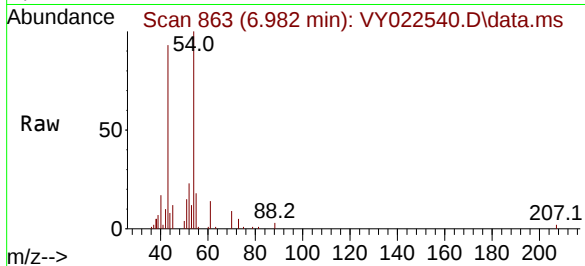




#37
Ethyl Acetate
Concen: 20.018 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

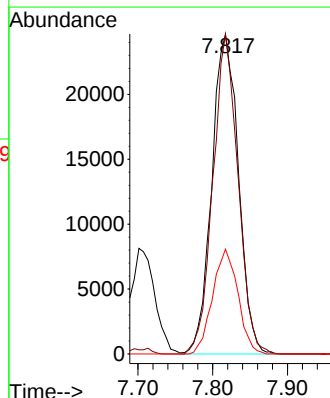
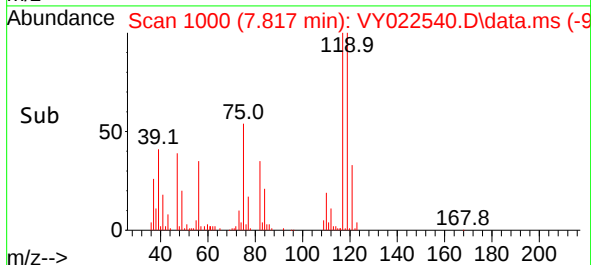
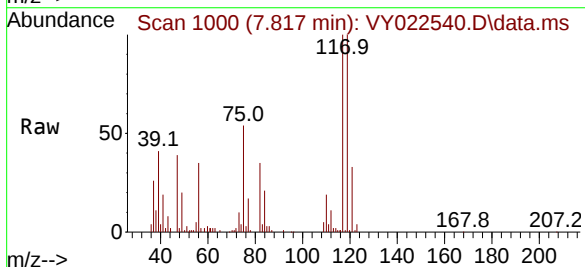
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

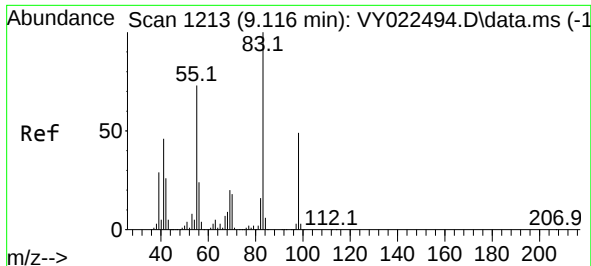
Tgt Ion: 43 Resp: 26561
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.012 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 117 Resp: 61082
Ion Ratio Lower Upper
117 100
119 99.8 75.0 112.6
121 32.7 25.0 37.4





#39

Methylcyclohexane

Concen: 19.967 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

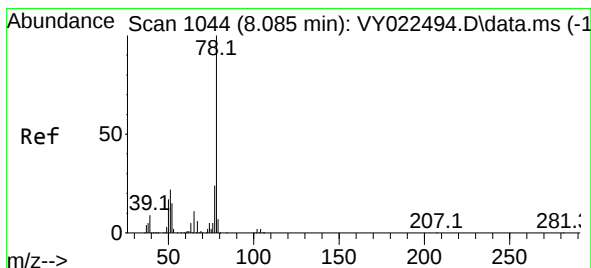
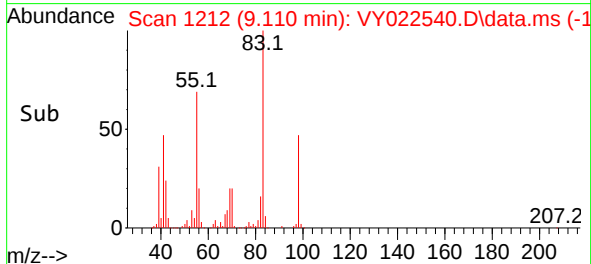
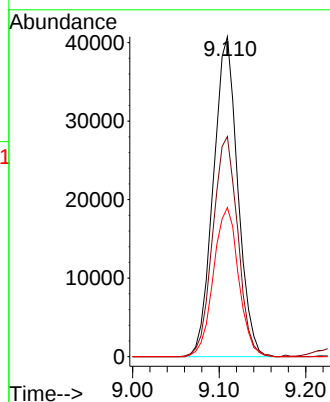
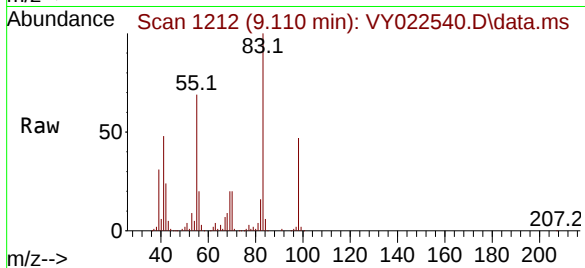
Tgt Ion: 83 Resp: 79839

Ion Ratio Lower Upper

83 100

55 68.8 58.1 87.1

98 46.6 39.0 58.6



#40

Benzene

Concen: 20.775 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022540.D

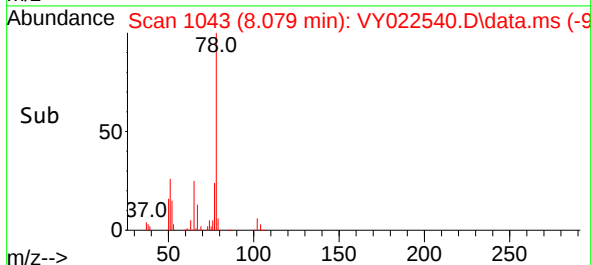
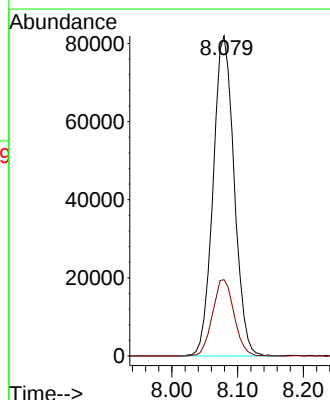
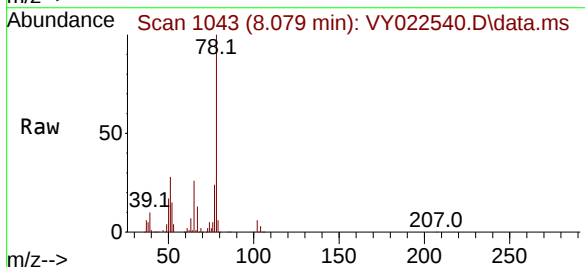
Acq: 04 Jun 2025 10:54

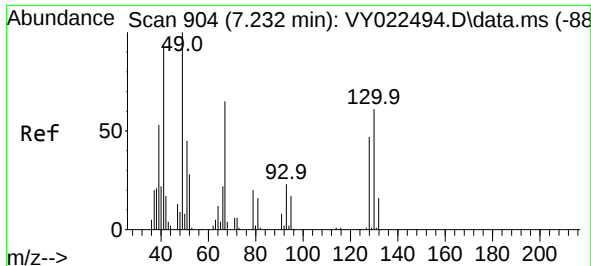
Tgt Ion: 78 Resp: 182569

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

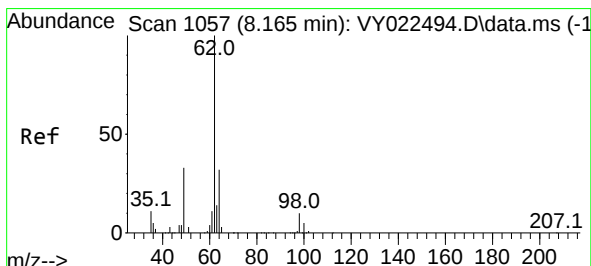
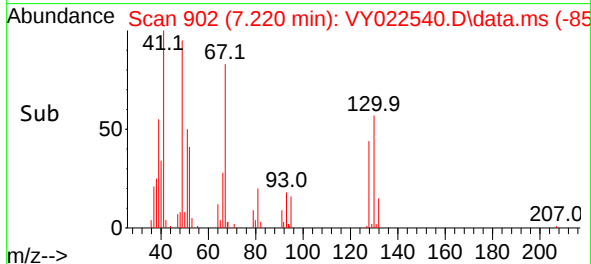
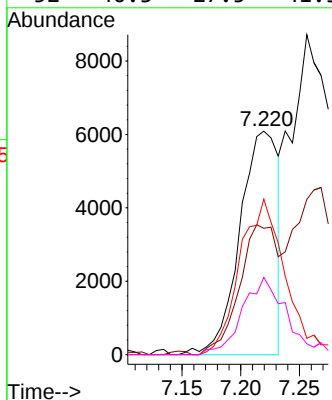
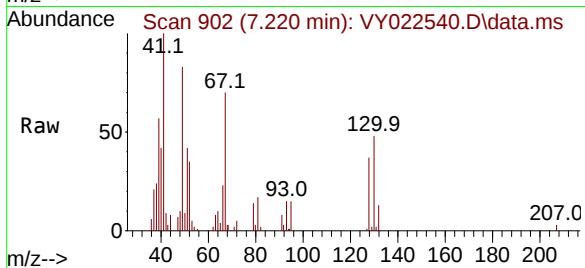




#41
Methacrylonitrile
Concen: 17.862 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

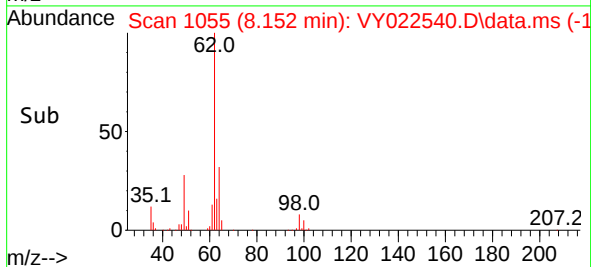
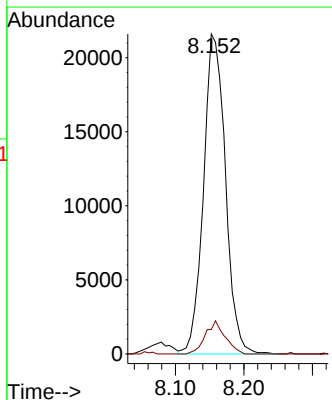
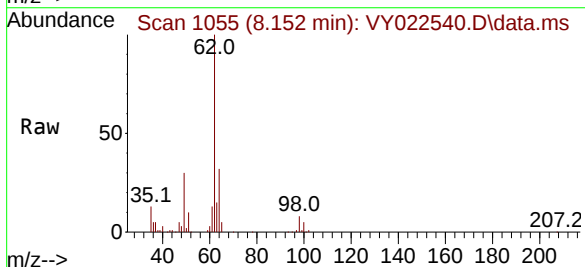
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

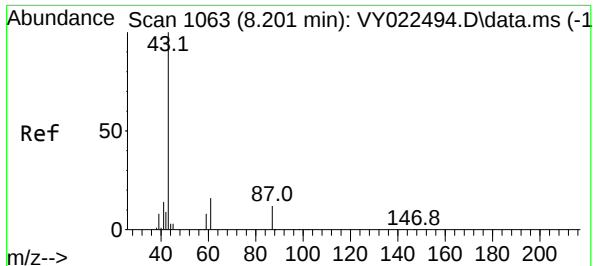
Tgt Ion:	41	Resp:	13844
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.6	69.8
67	82.2	63.3	94.9
52	40.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.051 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion:	62	Resp:	48113
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.056 ug/l

RT: 8.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

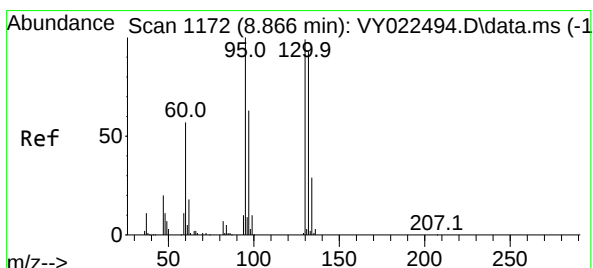
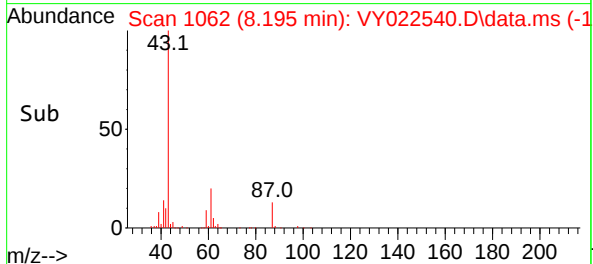
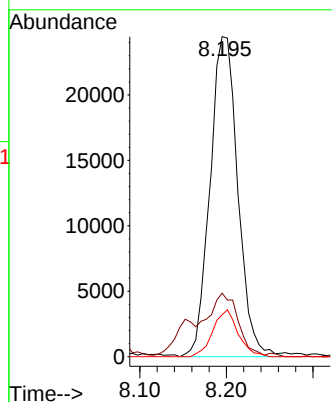
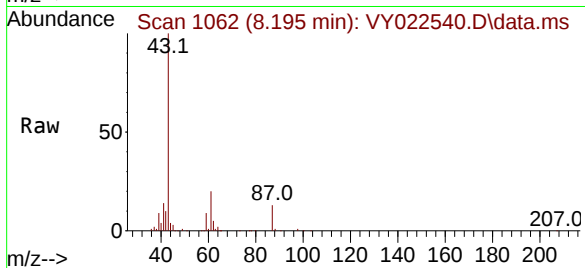
Tgt Ion: 43 Resp: 54608

Ion Ratio Lower Upper

43 100

61 19.4 15.6 23.4

87 13.3 10.2 15.4



#44

Trichloroethene

Concen: 20.250 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022540.D

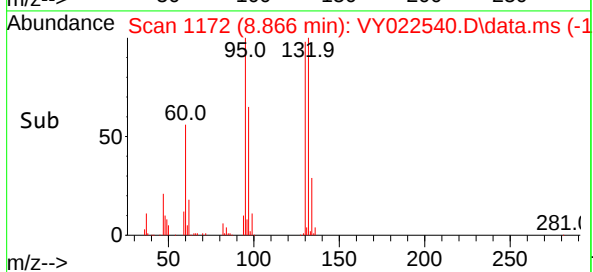
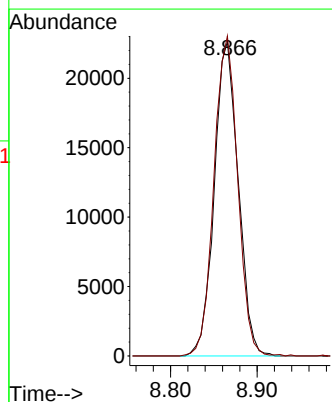
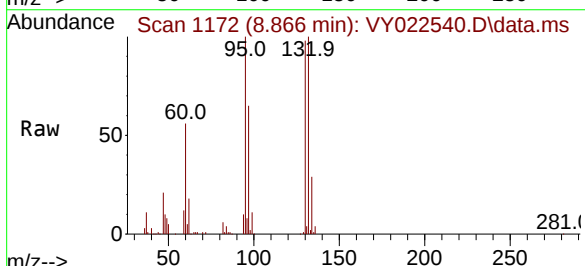
Acq: 04 Jun 2025 10:54

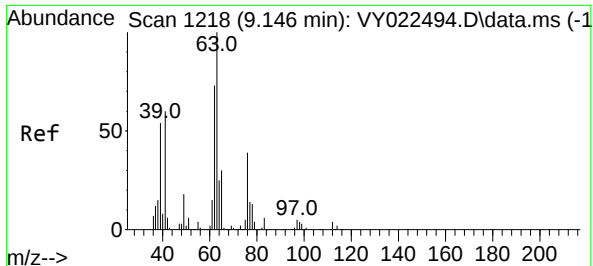
Tgt Ion:130 Resp: 43493

Ion Ratio Lower Upper

130 100

95 101.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.087 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

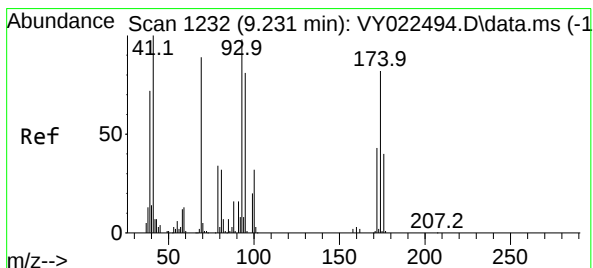
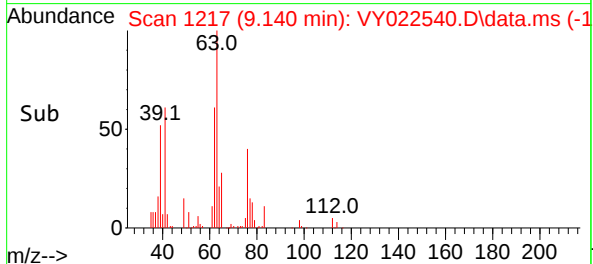
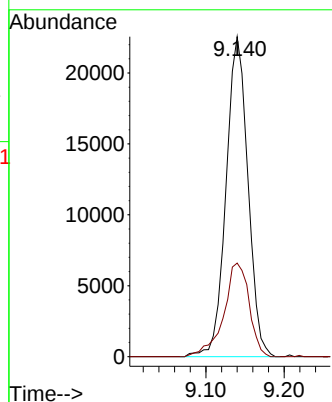
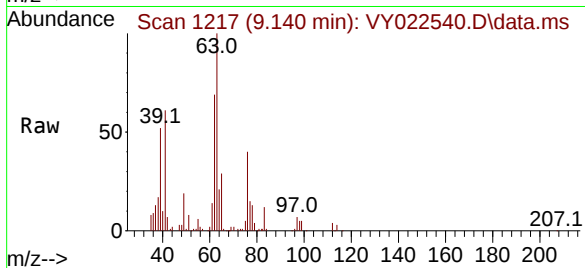
VY0604SBS01

Tgt Ion: 63 Resp: 43797

Ion Ratio Lower Upper

63 100

65 29.3 24.0 36.0



#46

Dibromomethane

Concen: 20.073 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

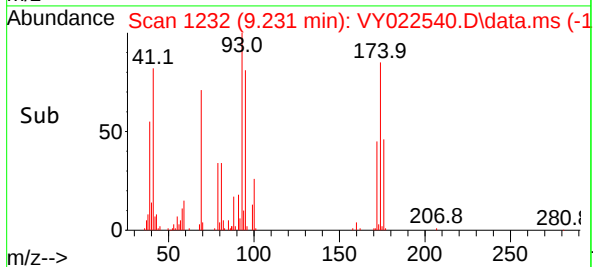
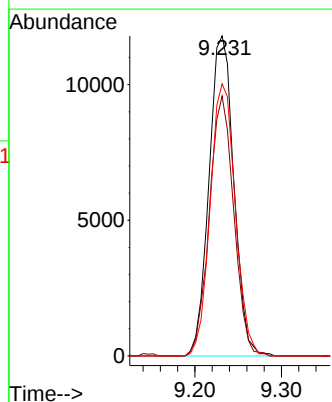
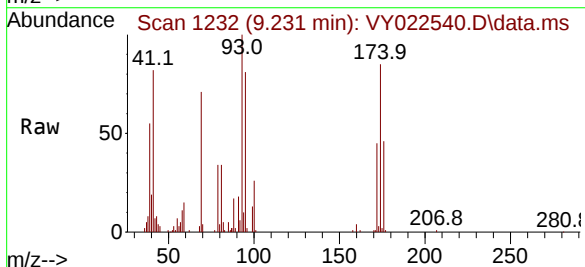
Tgt Ion: 93 Resp: 23454

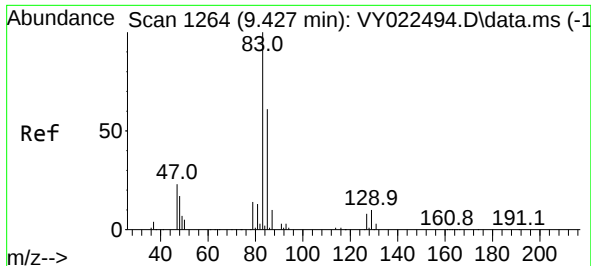
Ion Ratio Lower Upper

93 100

95 80.0 65.6 98.4

174 85.9 70.4 105.6

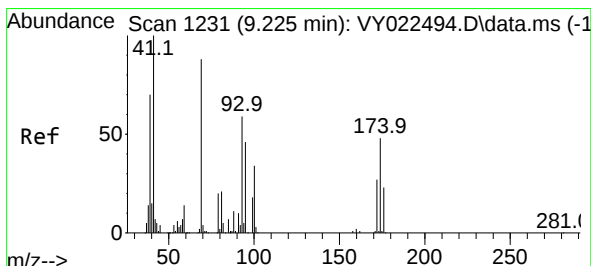
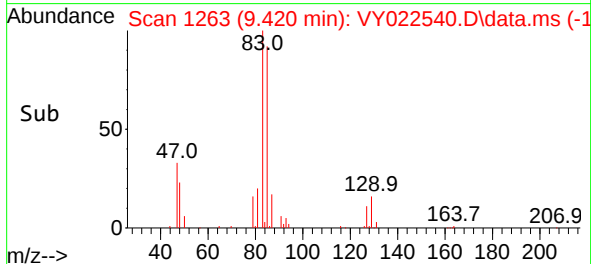
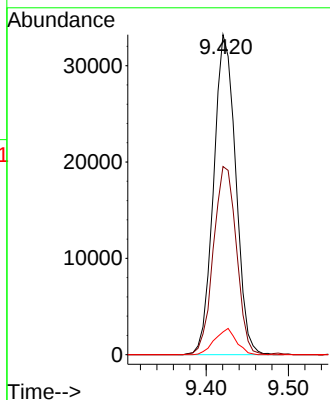
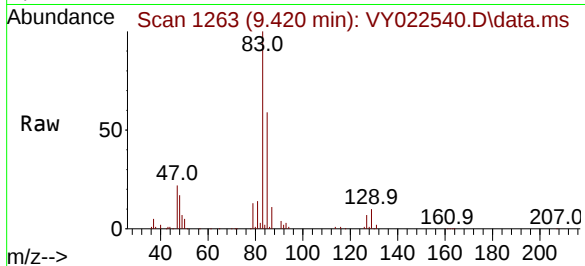




#47
Bromodichloromethane
Concen: 20.924 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

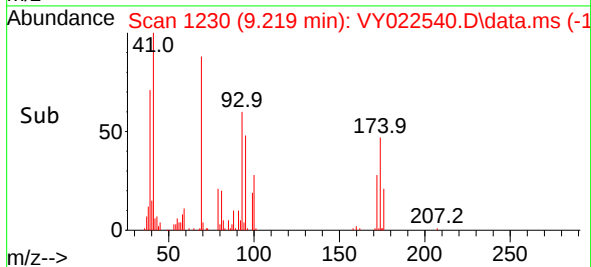
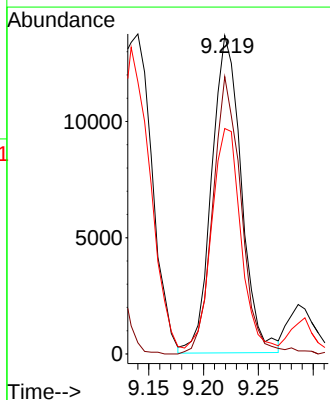
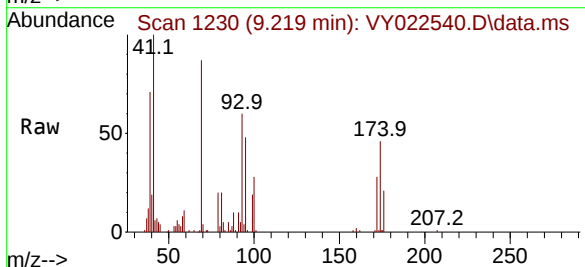
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

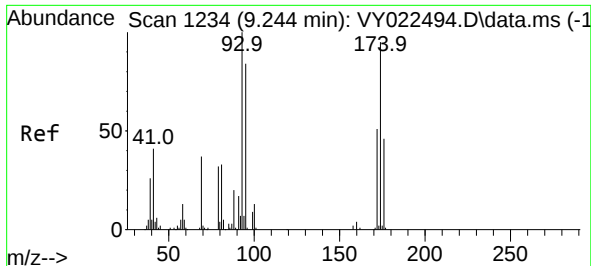
Tgt Ion: 83 Resp: 61994
Ion Ratio Lower Upper
83 100
85 58.8 49.1 73.7
127 7.1 6.2 9.4



#48
Methyl methacrylate
Concen: 19.095 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 41 Resp: 25682
Ion Ratio Lower Upper
41 100
69 83.7 67.8 101.8
39 68.0 55.0 82.4





#49

1,4-Dioxane

Concen: 397.467 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

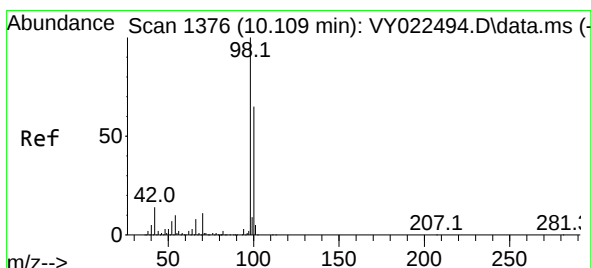
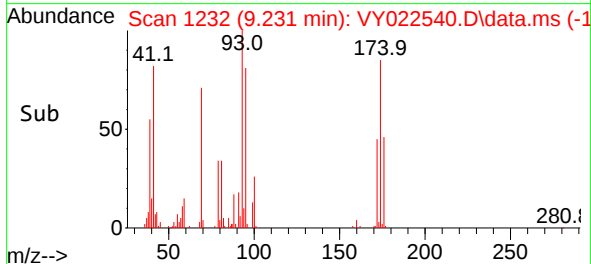
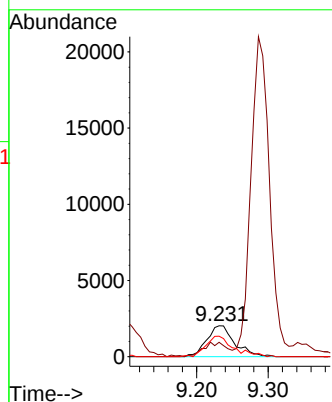
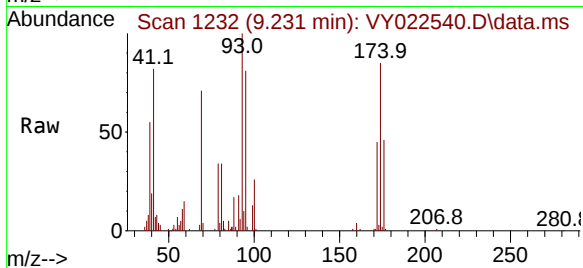
Tgt Ion: 88 Resp: 5502

Ion Ratio Lower Upper

88 100

43 38.8 25.4 38.2#

58 65.7 54.9 82.3



#50

Toluene-d8

Concen: 53.397 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022540.D

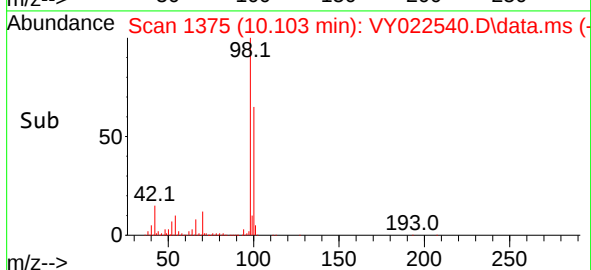
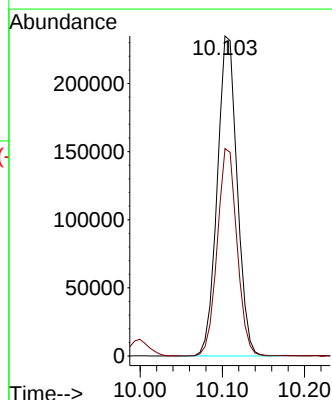
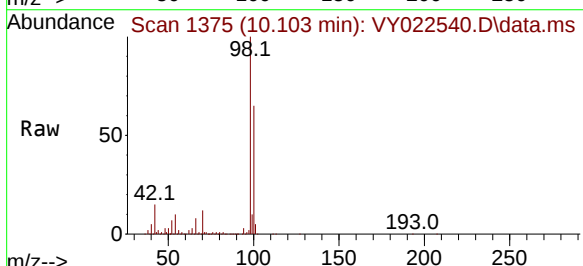
Acq: 04 Jun 2025 10:54

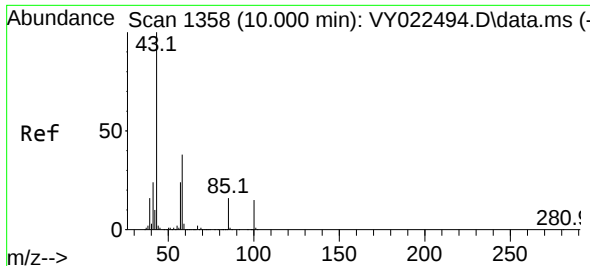
Tgt Ion: 98 Resp: 395544

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

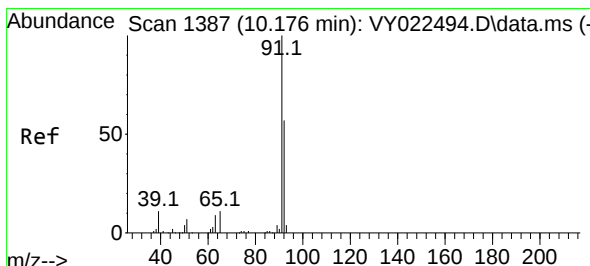
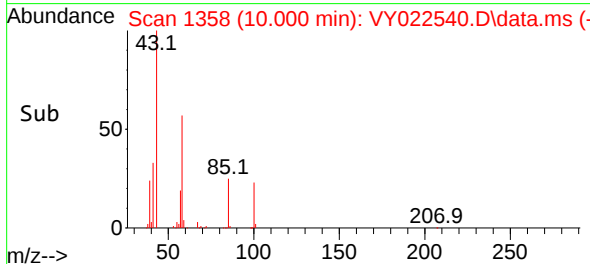
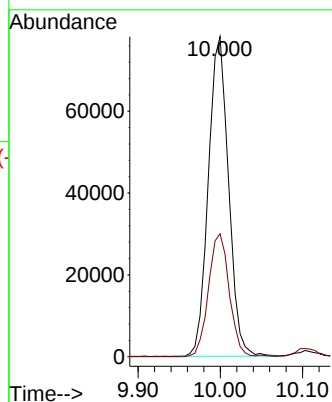
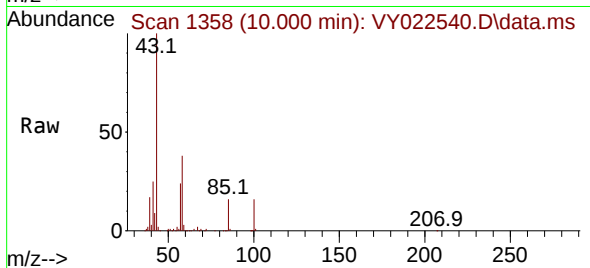




#51
4-Methyl-2-Pentanone
Concen: 93.517 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

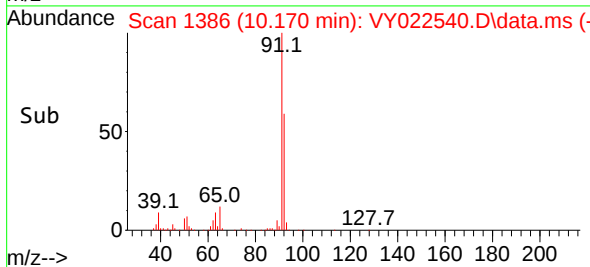
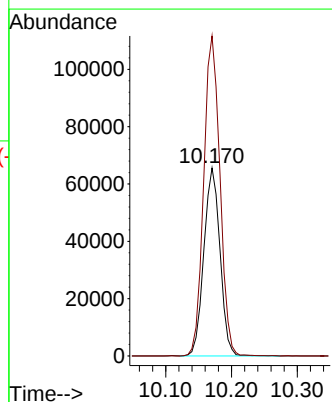
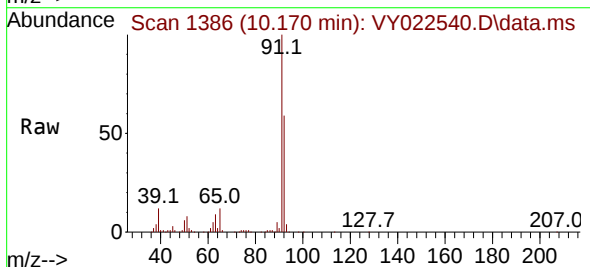
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

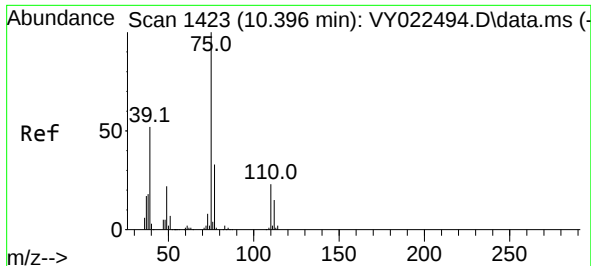
Tgt Ion: 43 Resp: 133612
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6



#52
Toluene
Concen: 20.274 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 92 Resp: 111969
Ion Ratio Lower Upper
92 100
91 171.4 139.0 208.4

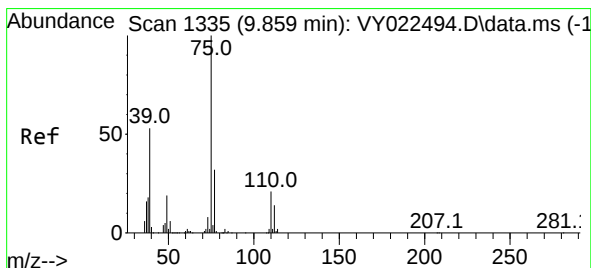
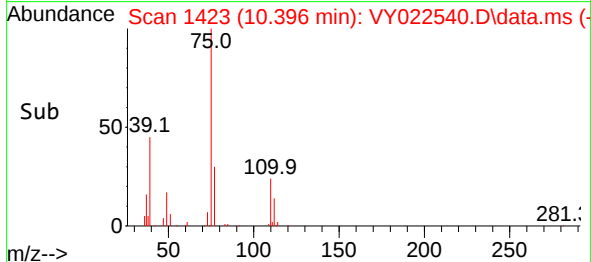
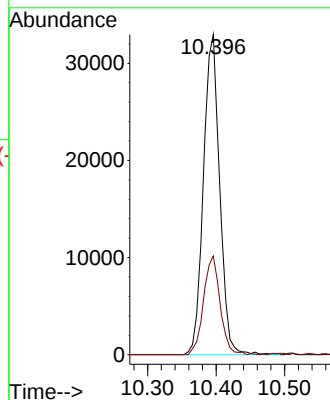
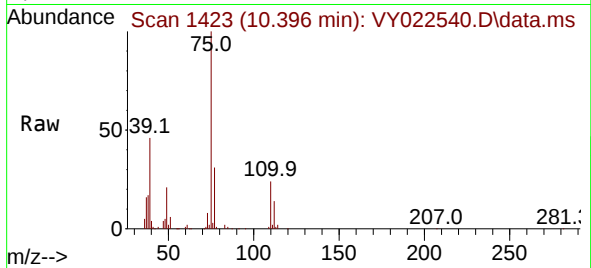




#53
t-1,3-Dichloropropene
Concen: 19.581 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

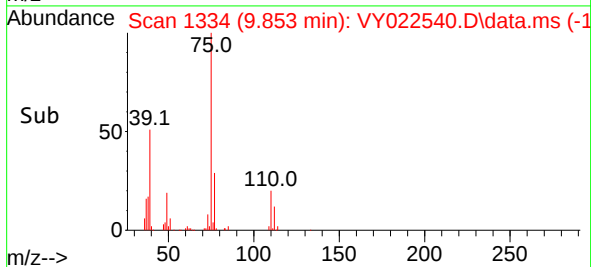
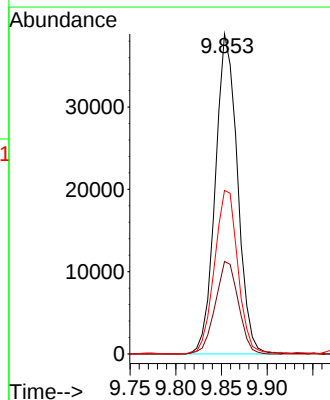
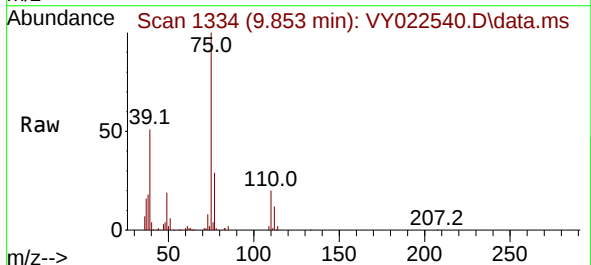
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

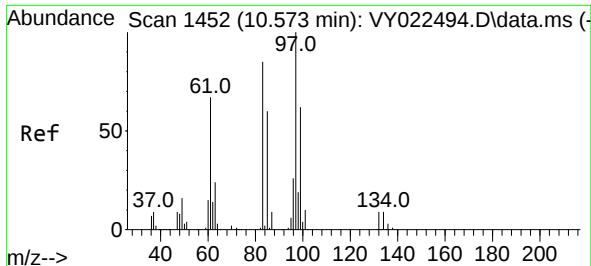
Tgt Ion: 75 Resp: 54358
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.292 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 75 Resp: 65573
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9
39 51.1 42.7 64.1

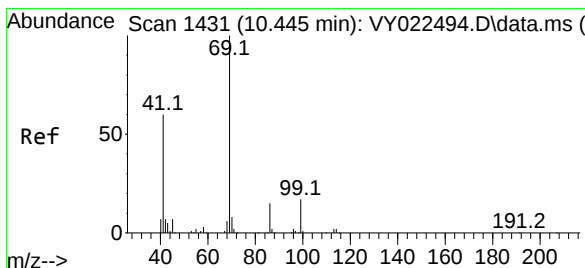
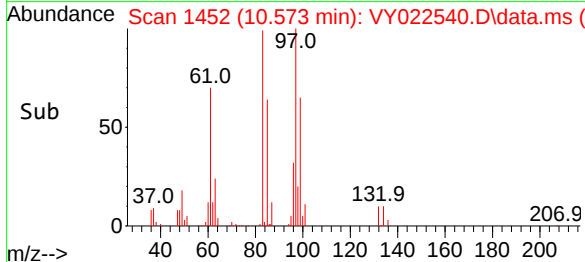
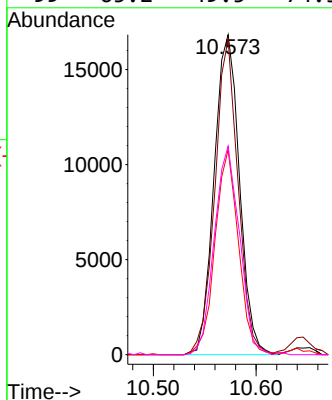
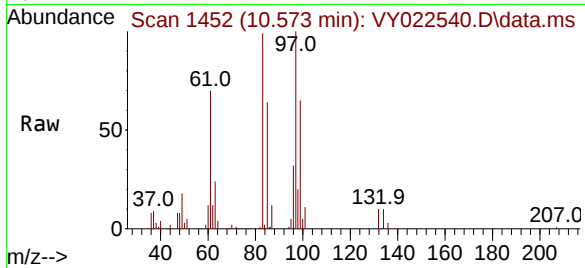




#55
1,1,2-Trichloroethane
Concen: 19.296 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

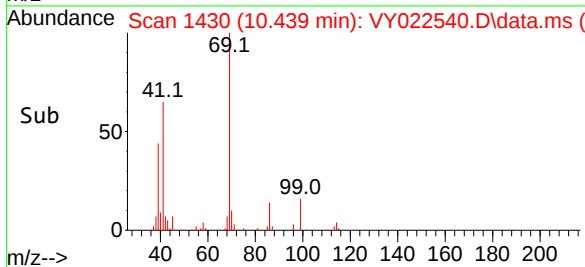
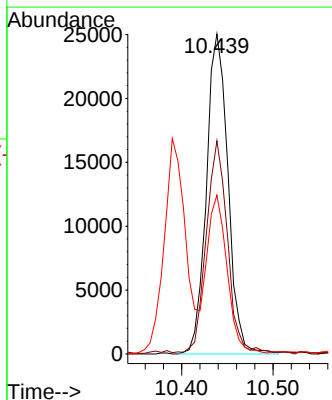
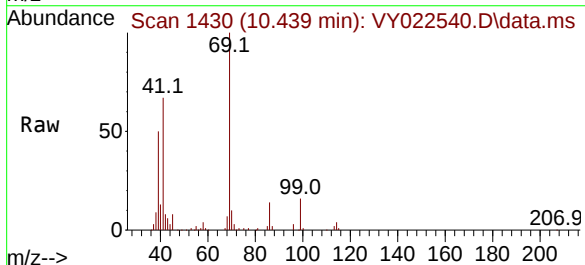
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

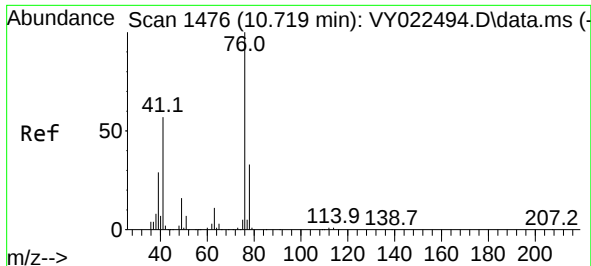
Tgt Ion: 97	Resp: 28750
Ion Ratio	Lower Upper
97 100	
83 98.5	68.1 102.1
85 64.0	48.2 72.2
99 65.2	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.080 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 69	Resp: 41087		
Ion Ratio	Lower	Upper	
69 100			
41 66.2	52.2	78.2	
39 45.0	36.7	55.1	





#57

1,3-Dichloropropane

Concen: 19.779 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

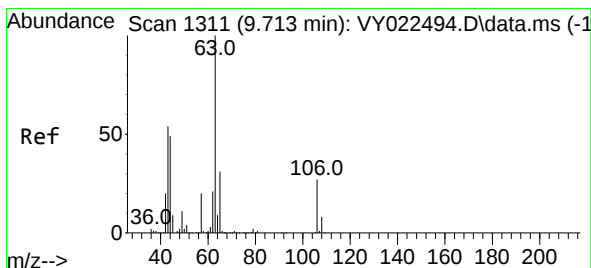
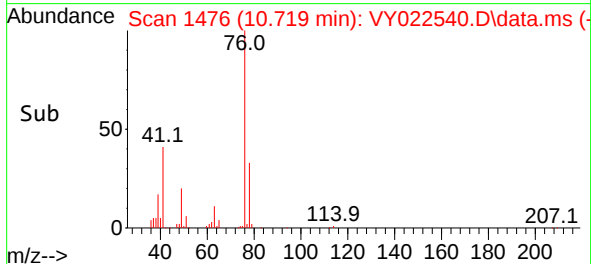
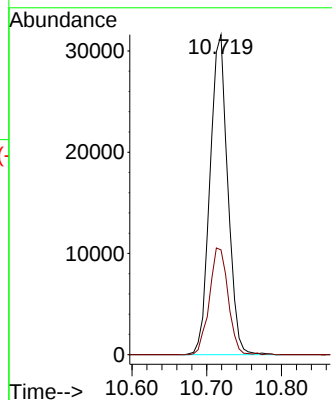
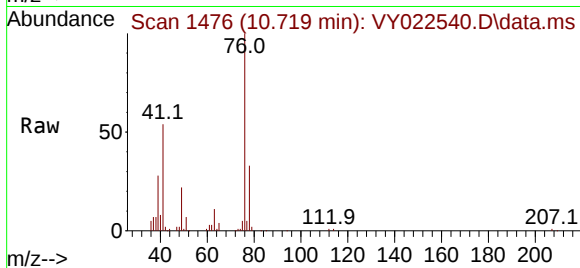
VY0604SBS01

Tgt Ion: 76 Resp: 52232

Ion Ratio Lower Upper

76 100

78 35.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.618 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022540.D

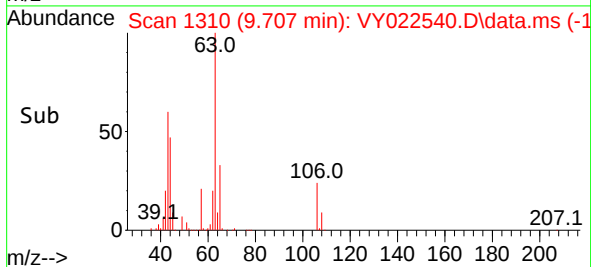
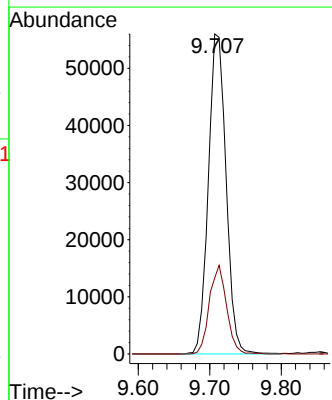
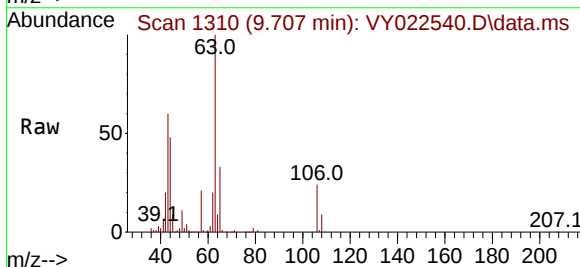
Acq: 04 Jun 2025 10:54

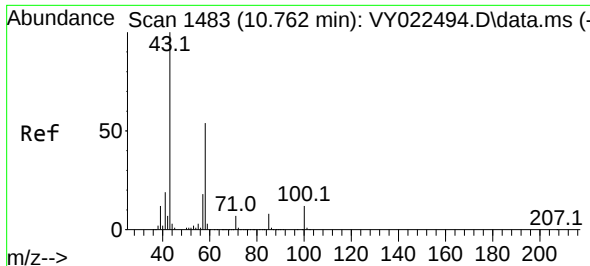
Tgt Ion: 63 Resp: 96419

Ion Ratio Lower Upper

63 100

106 26.8 21.6 32.4

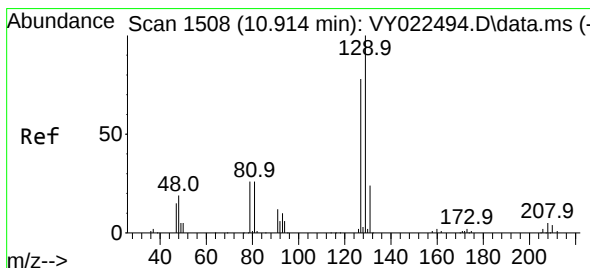
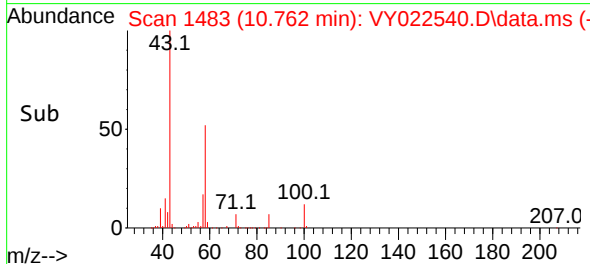
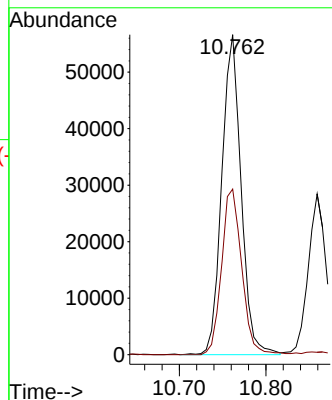
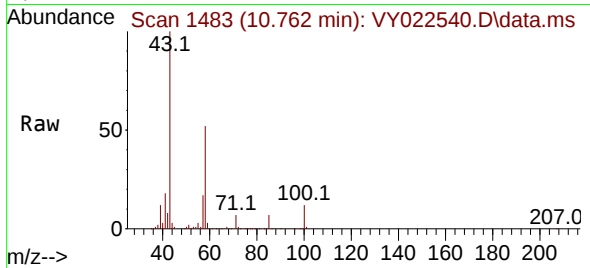




#59
2-Hexanone
Concen: 91.614 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

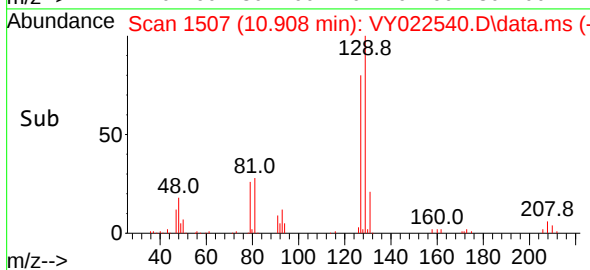
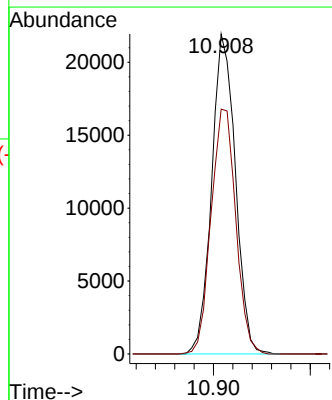
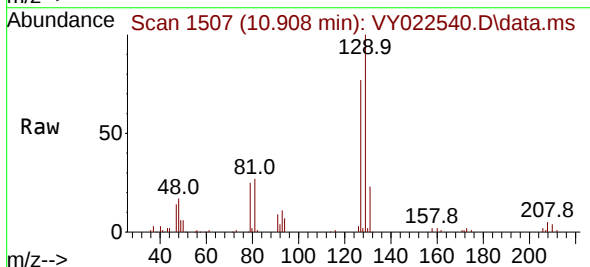
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

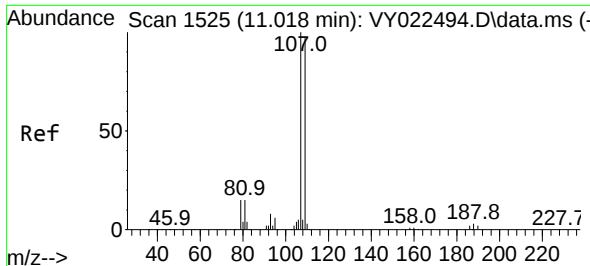
Tgt Ion: 43 Resp: 87540
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8



#60
Dibromochloromethane
Concen: 19.706 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 129 Resp: 37312
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.2

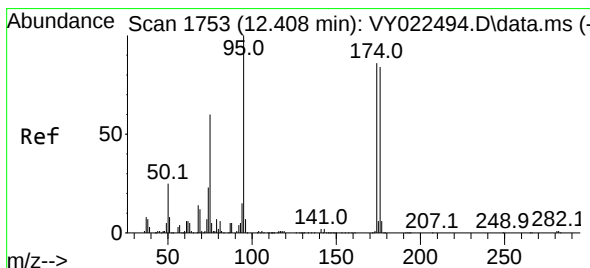
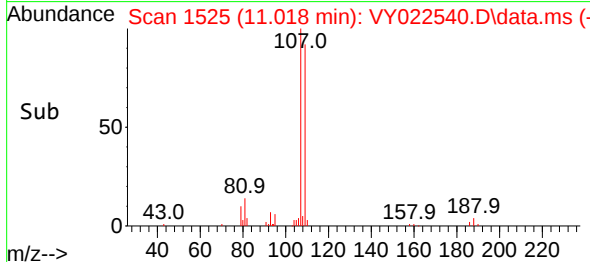
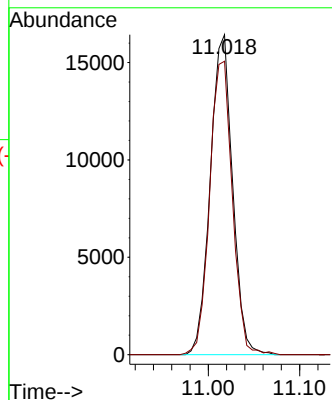
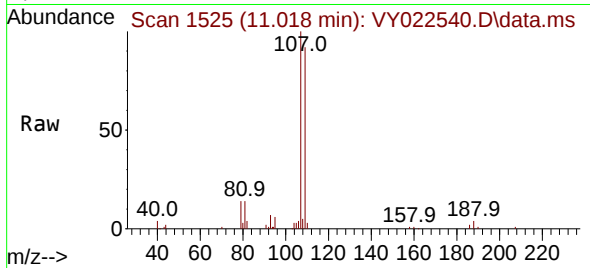




#61
1,2-Dibromoethane
Concen: 20.505 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

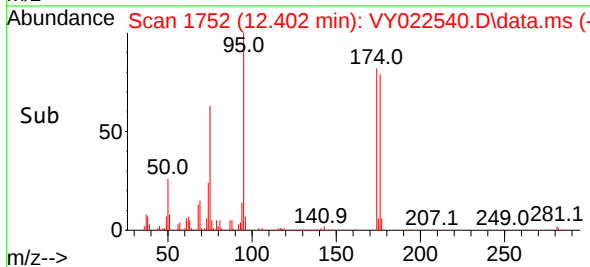
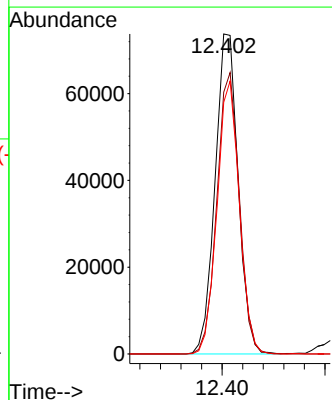
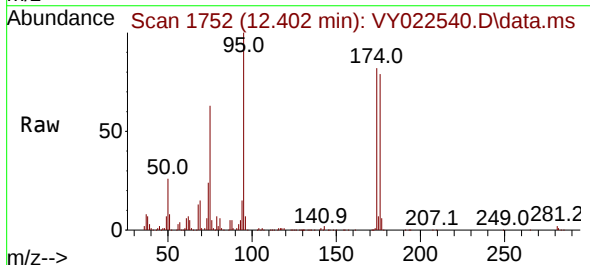
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

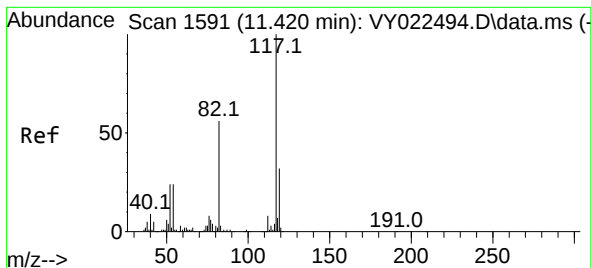
Tgt Ion:107 Resp: 27846
Ion Ratio Lower Upper
107 100
109 93.4 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.990 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 95 Resp: 114746
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 82.3 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: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

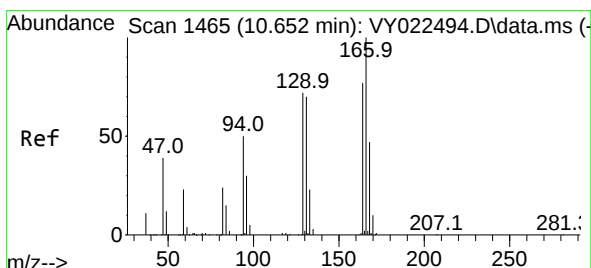
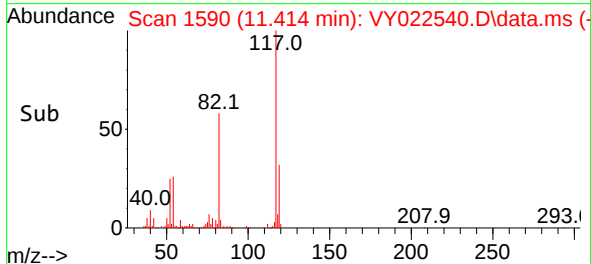
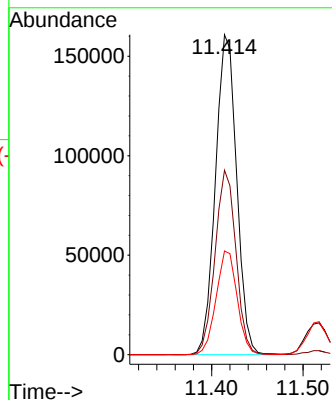
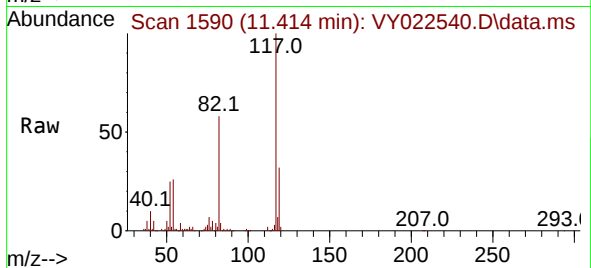
Tgt Ion:117 Resp: 260223

Ion Ratio Lower Upper

117 100

82 57.7 44.6 66.8

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 20.869 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Tgt Ion:164 Resp: 46715

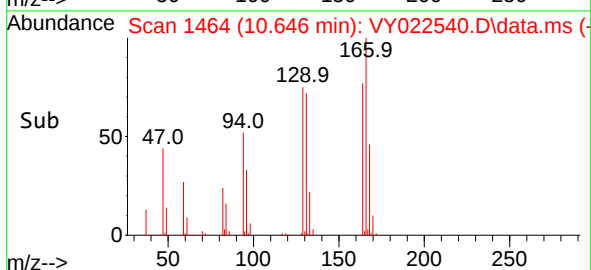
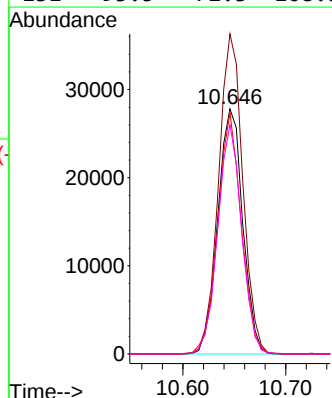
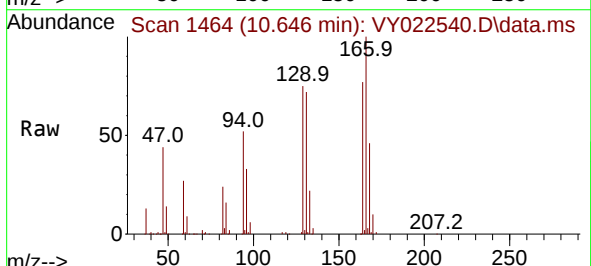
Ion Ratio Lower Upper

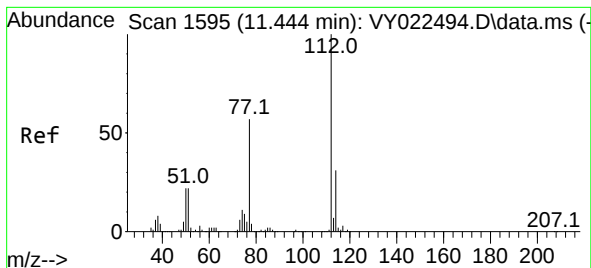
164 100

166 130.6 104.0 156.0

129 98.4 74.5 111.7

131 93.5 72.3 108.5





#65

Chlorobenzene

Concen: 20.404 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

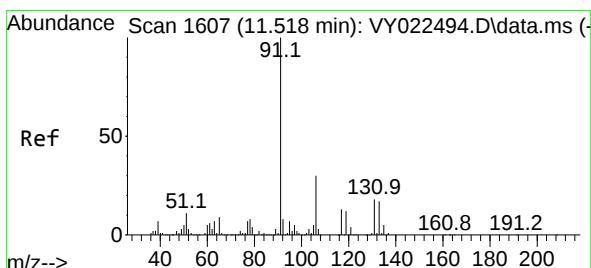
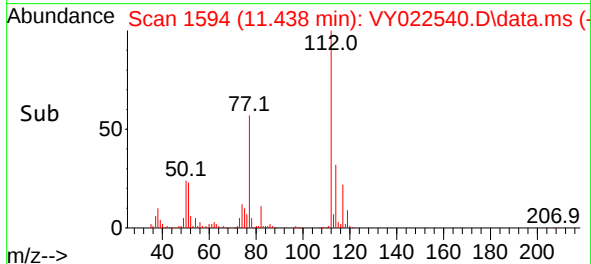
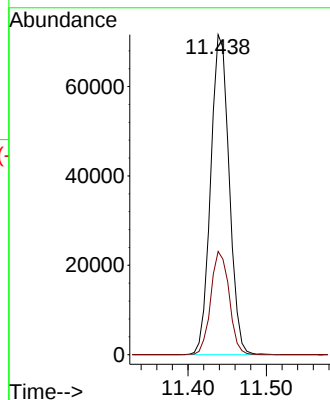
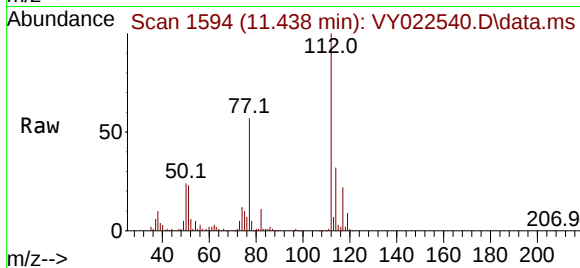
VY0604SBS01

Tgt Ion:112 Resp: 117493

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

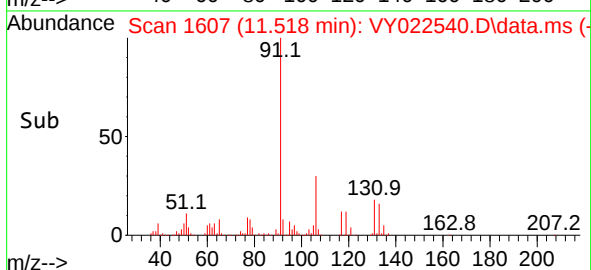
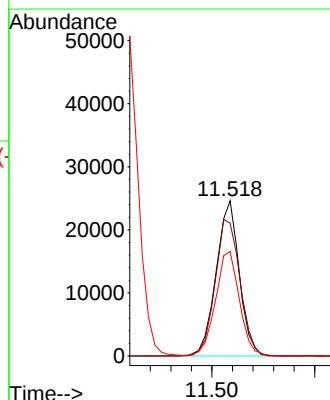
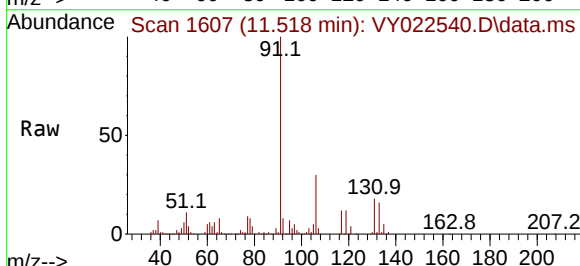
Tgt Ion:131 Resp: 38244

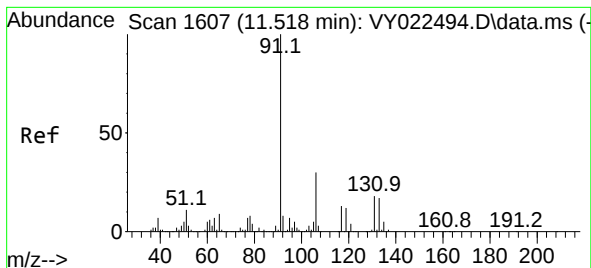
Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 69.7 33.1 99.3





#67

Ethyl Benzene

Concen: 19.739 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

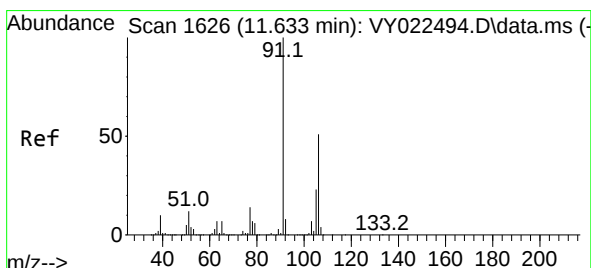
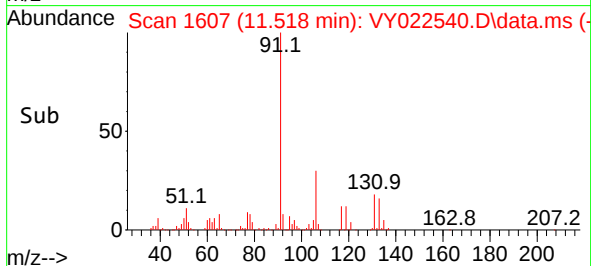
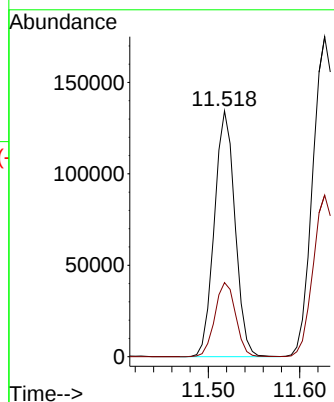
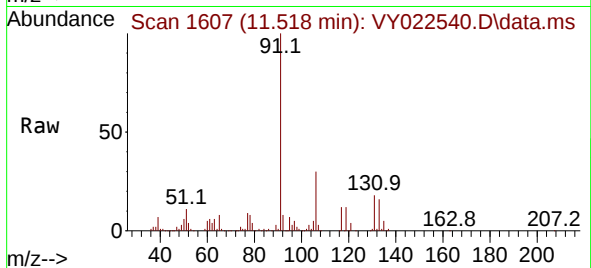
VY0604SBS01

Tgt Ion: 91 Resp: 210828

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.4



#68

m/p-Xylenes

Concen: 38.910 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022540.D

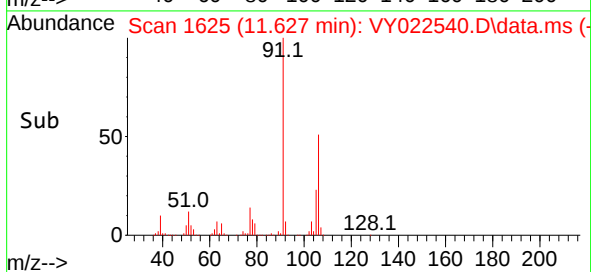
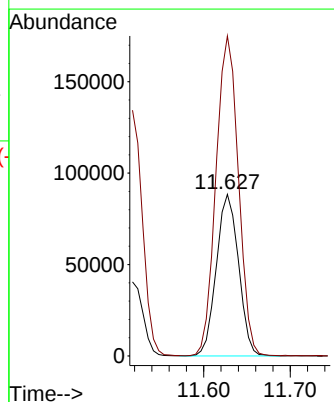
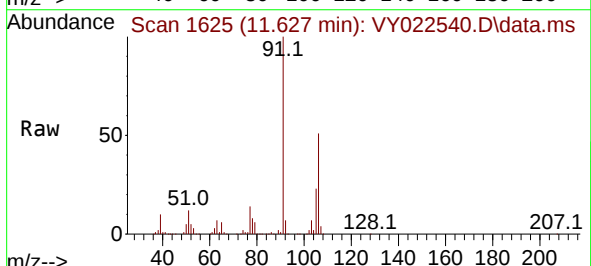
Acq: 04 Jun 2025 10:54

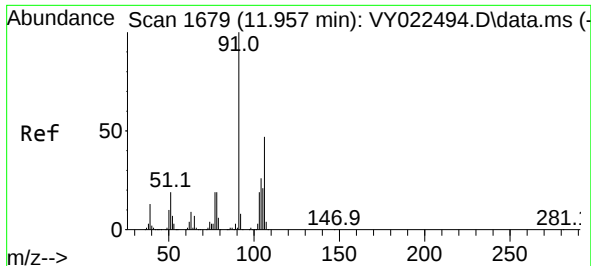
Tgt Ion:106 Resp: 157542

Ion Ratio Lower Upper

106 100

91 200.2 159.4 239.0

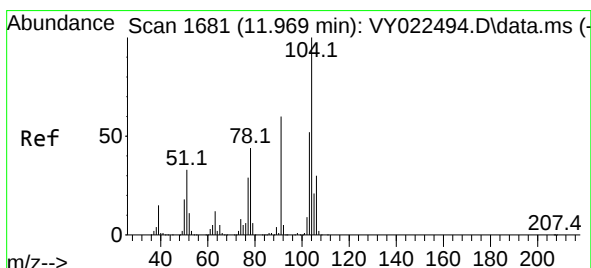
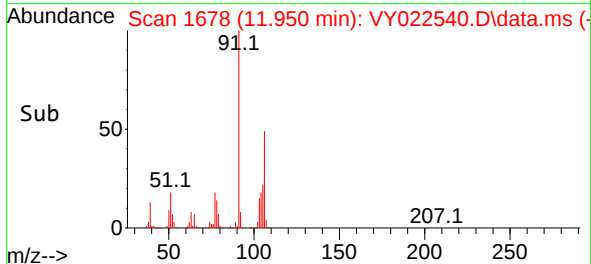
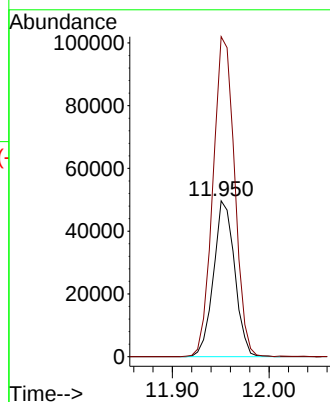
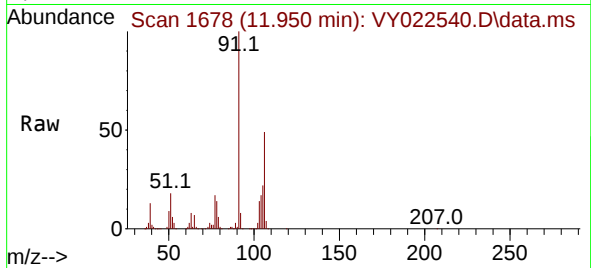




#69
o-Xylene
Concen: 19.843 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

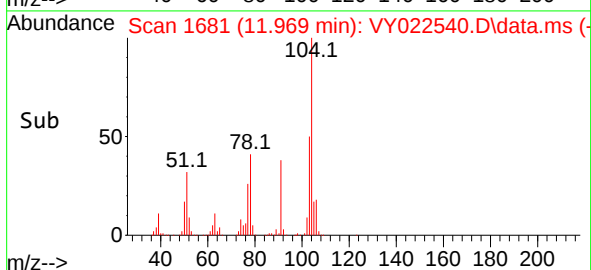
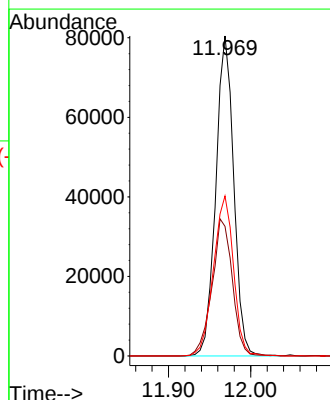
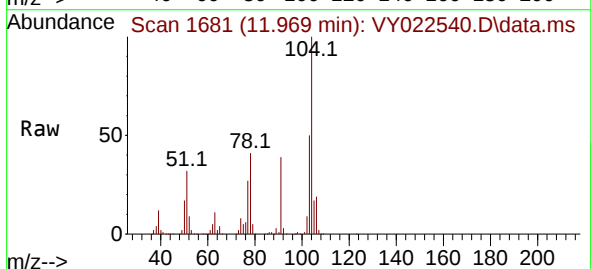
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

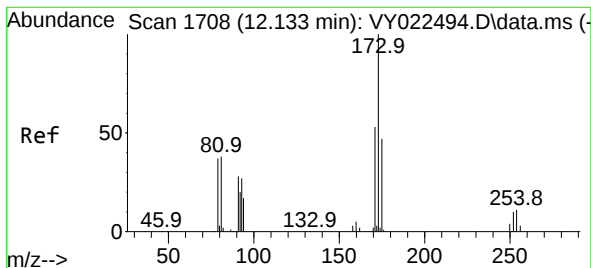
Tgt Ion:106 Resp: 75325
Ion Ratio Lower Upper
106 100
91 210.4 105.8 317.3



#70
Styrene
Concen: 19.443 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion:104 Resp: 122002
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 56.0 44.1 66.1





#71

Bromoform

Concen: 18.589 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

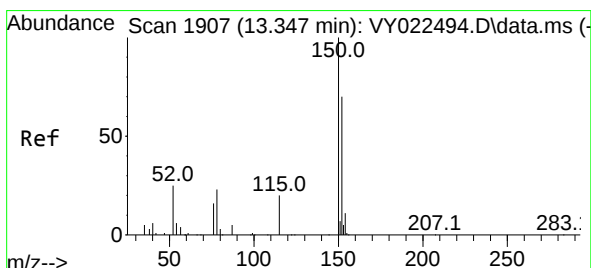
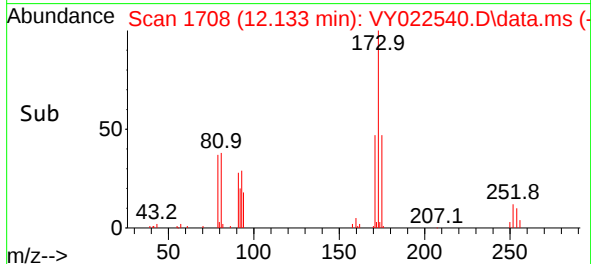
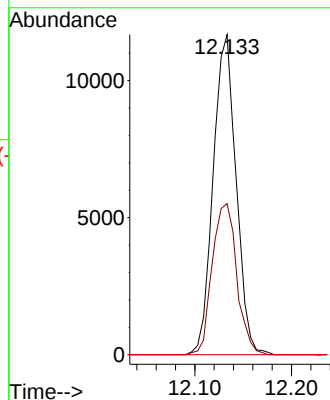
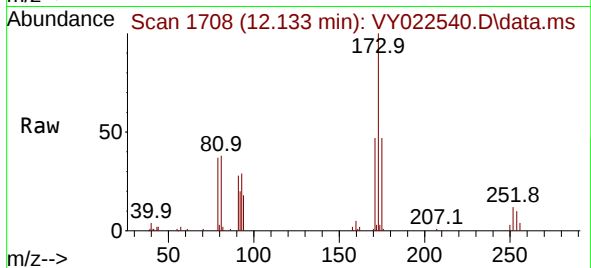
Tgt Ion:173 Resp: 19189

Ion Ratio Lower Upper

173 100

175 50.6 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

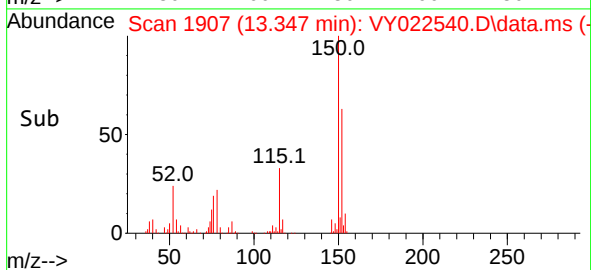
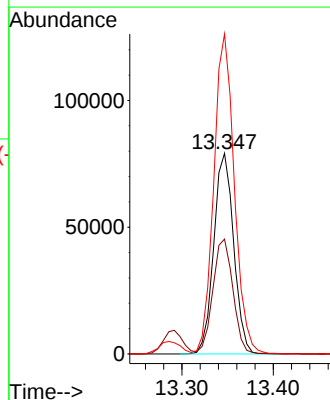
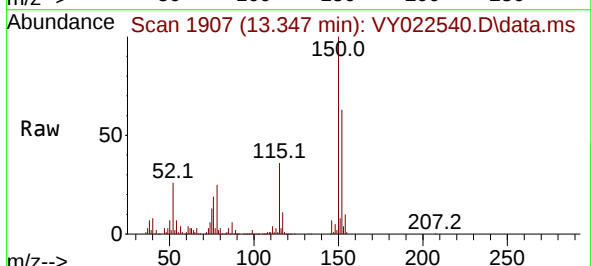
Tgt Ion:152 Resp: 119650

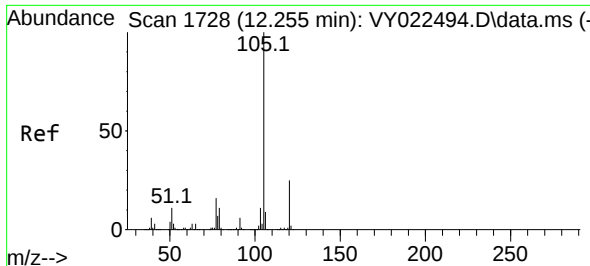
Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 164.7 0.0 349.6

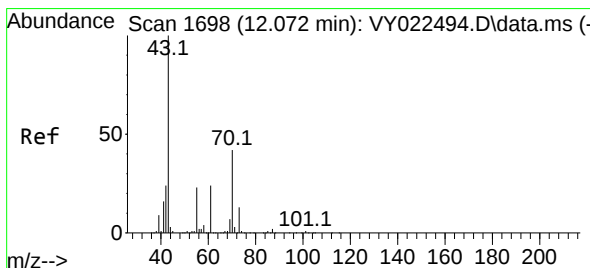
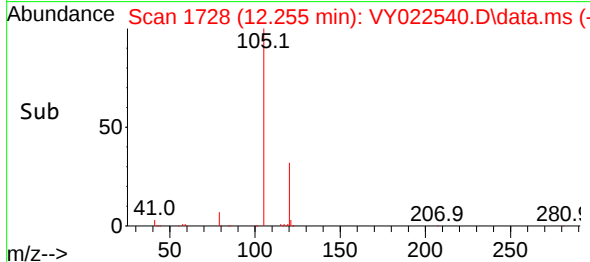
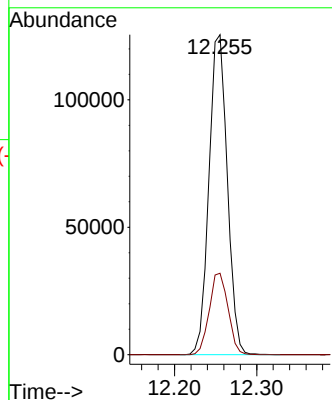
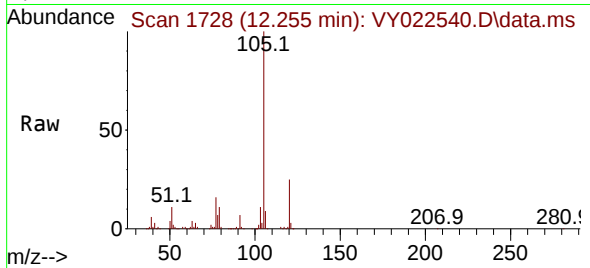




#73
Isopropylbenzene
Concen: 19.792 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

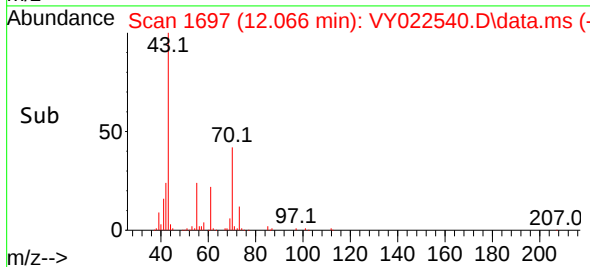
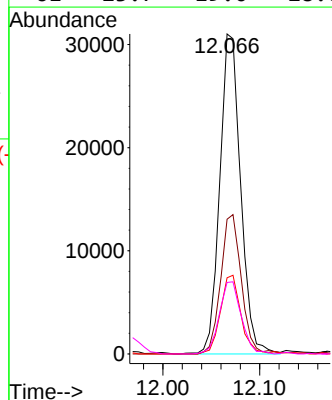
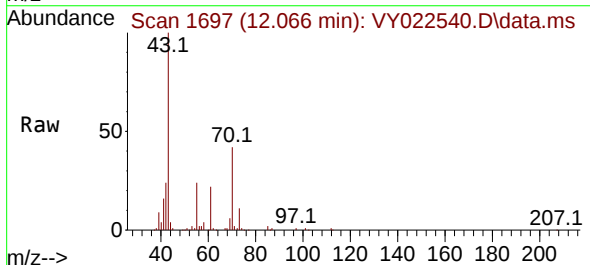
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

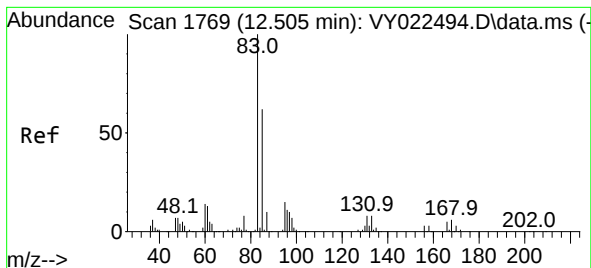
Tgt Ion:105 Resp: 194422
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 18.723 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 43 Resp: 46408
Ion Ratio Lower Upper
43 100
70 43.6 34.2 51.2
55 23.9 18.2 27.4
61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.621 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

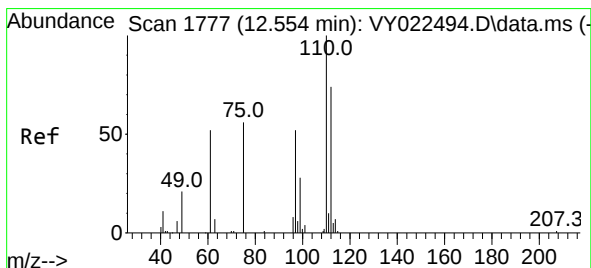
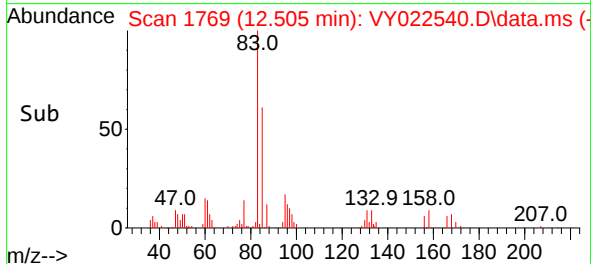
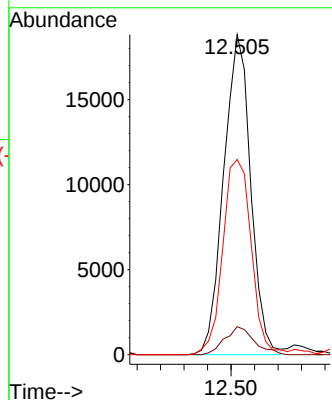
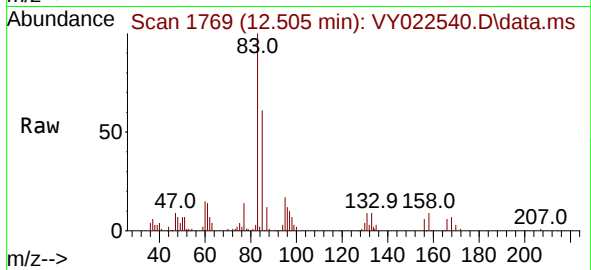
Tgt Ion: 83 Resp: 30021

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 64.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 32.100 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022540.D

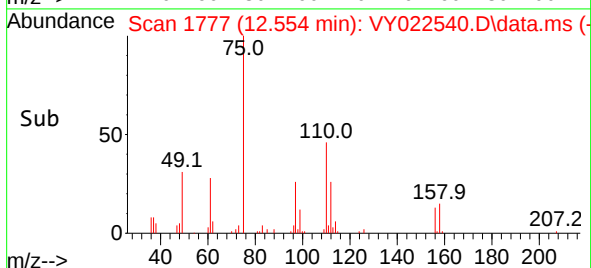
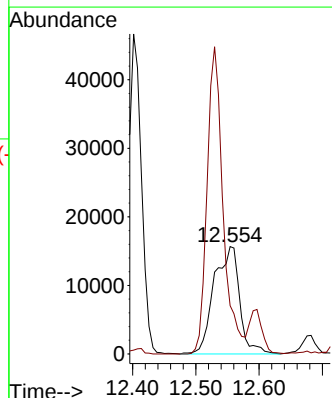
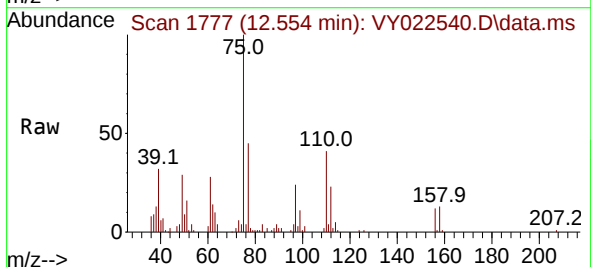
Acq: 04 Jun 2025 10:54

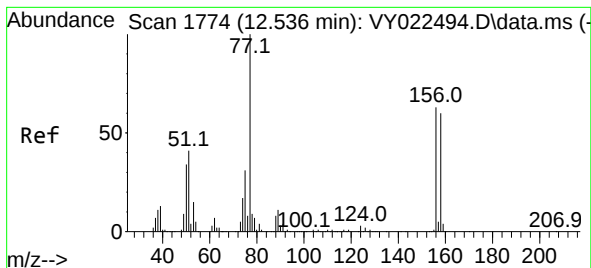
Tgt Ion: 75 Resp: 43940

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.998 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

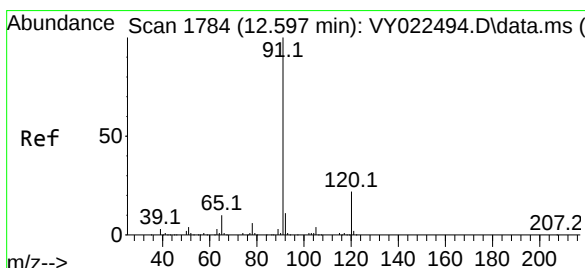
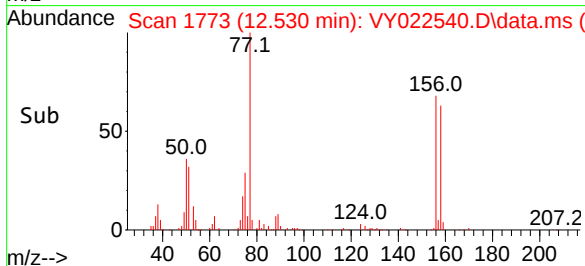
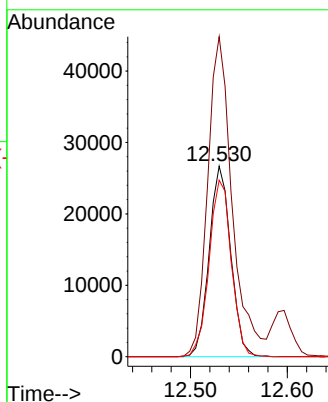
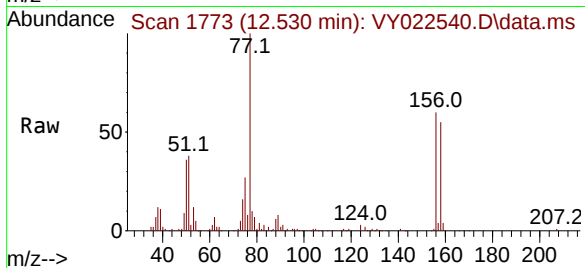
Tgt Ion:156 Resp: 41454

Ion Ratio Lower Upper

156 100

77 191.2 94.0 282.1

158 95.1 48.2 144.6



#78

n-propylbenzene

Concen: 19.804 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022540.D

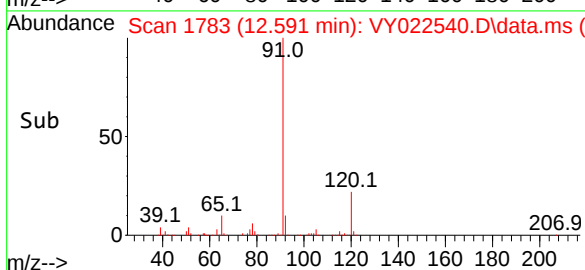
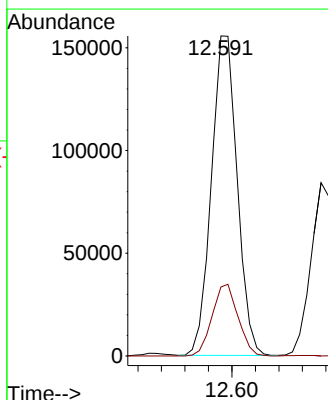
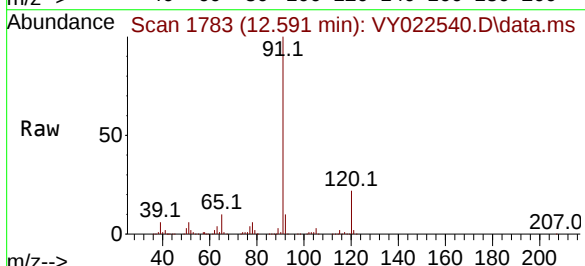
Acq: 04 Jun 2025 10:54

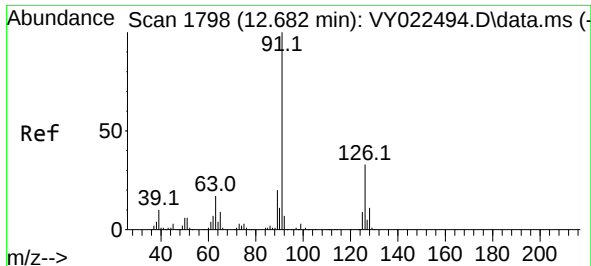
Tgt Ion: 91 Resp: 237604

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4

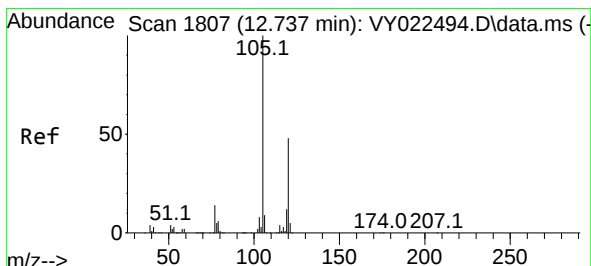
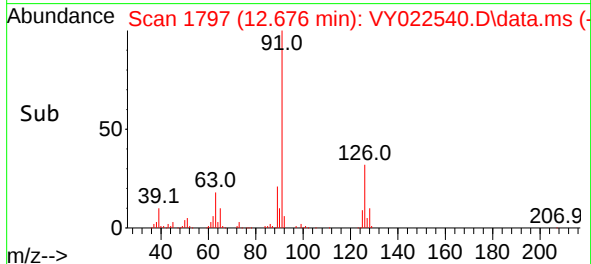
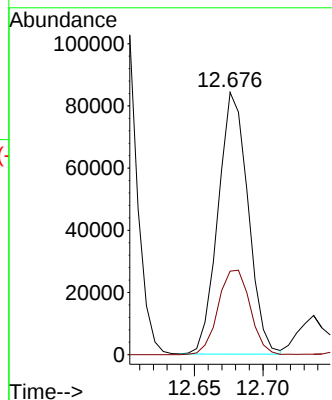
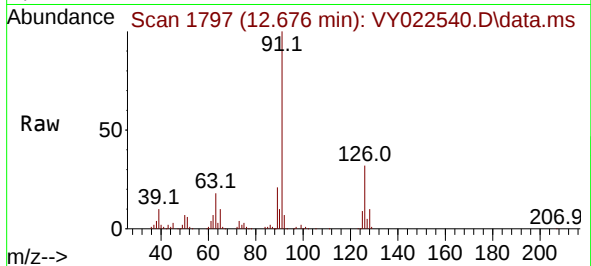




#79
2-Chlorotoluene
Concen: 20.202 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

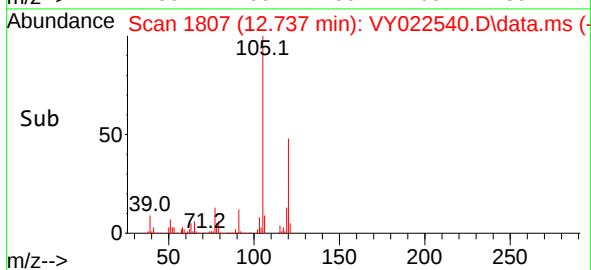
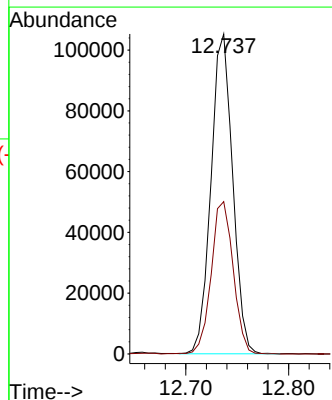
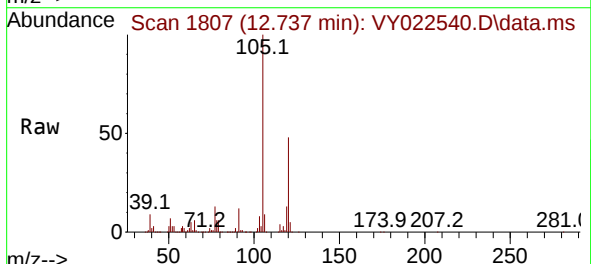
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

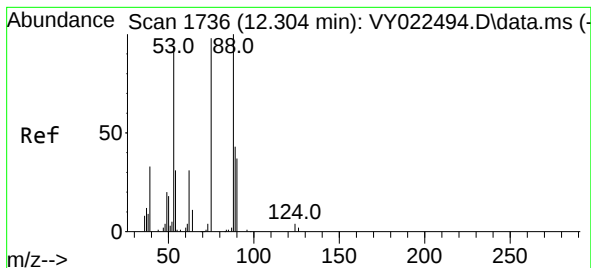
Tgt Ion: 91 Resp: 128467
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.999 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 105 Resp: 154233
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.4

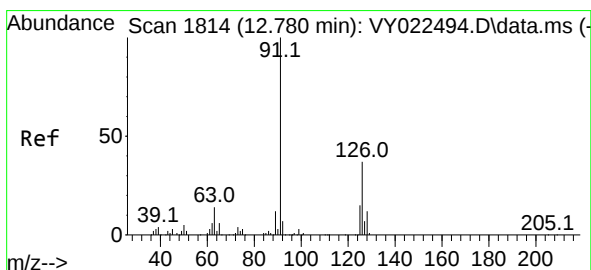
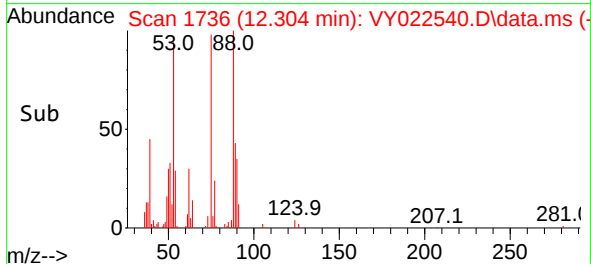
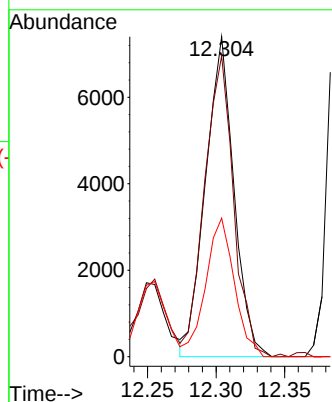
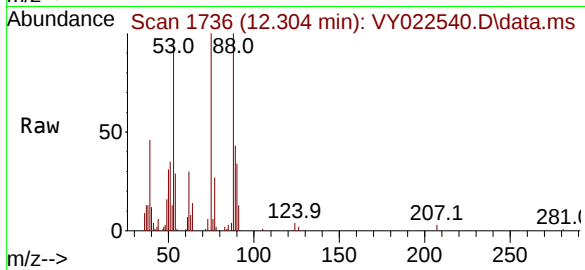




#81
trans-1,4-Dichloro-2-butene
Concen: 18.789 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

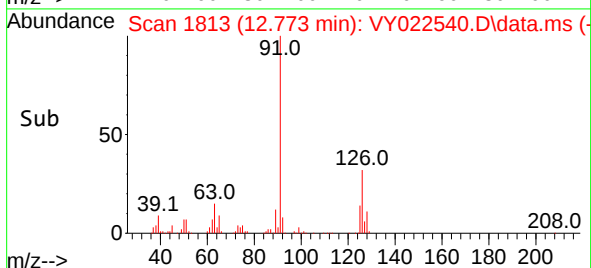
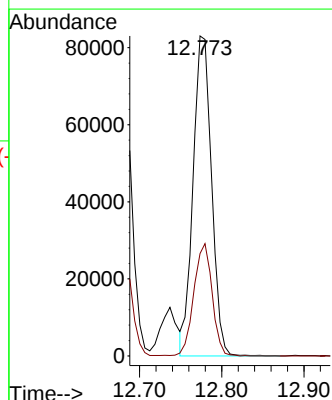
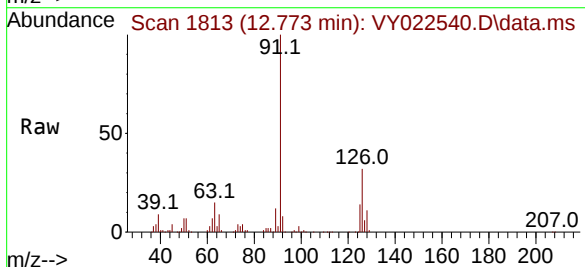
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

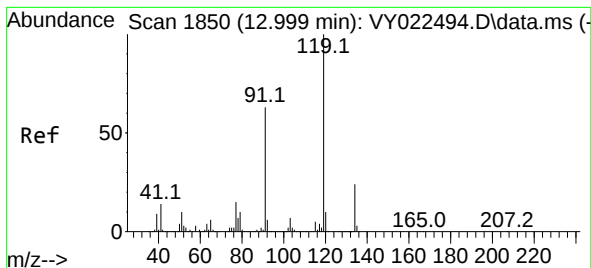
Tgt Ion: 75 Resp: 10650
Ion Ratio Lower Upper
75 100
53 96.0 78.5 117.7
89 43.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.756 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion: 91 Resp: 129597
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.071 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

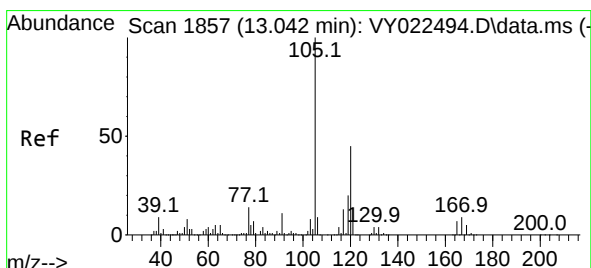
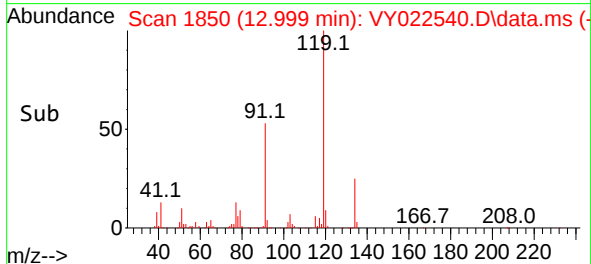
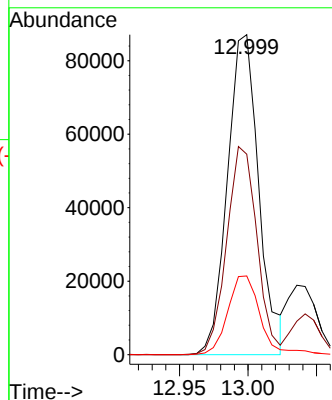
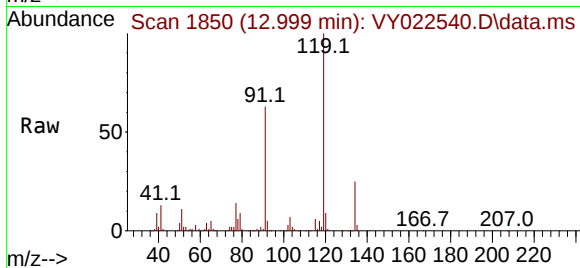
Tgt Ion:119 Resp: 138927

Ion Ratio Lower Upper

119 100

91 62.9 32.1 96.3

134 25.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.038 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022540.D

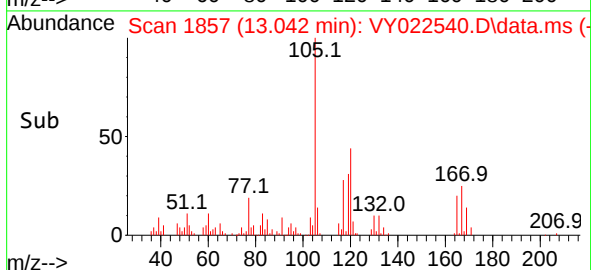
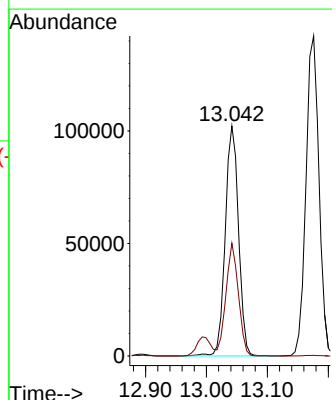
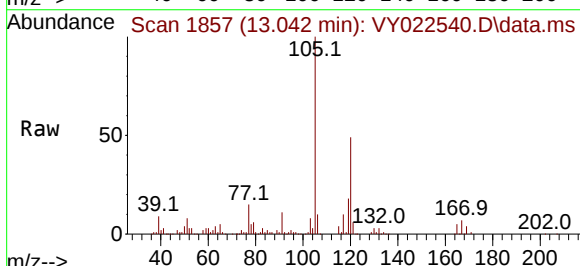
Acq: 04 Jun 2025 10:54

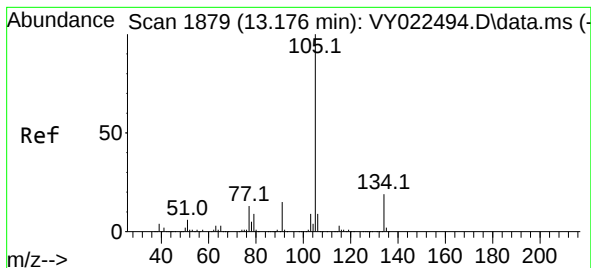
Tgt Ion:105 Resp: 154558

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.851 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

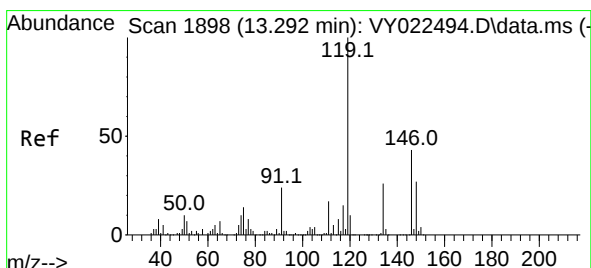
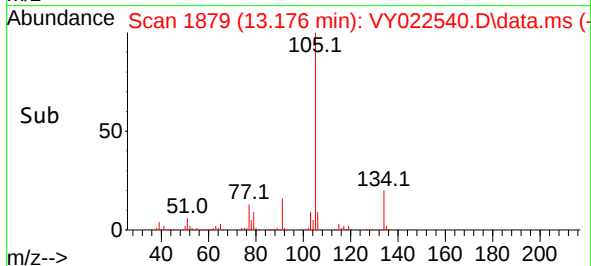
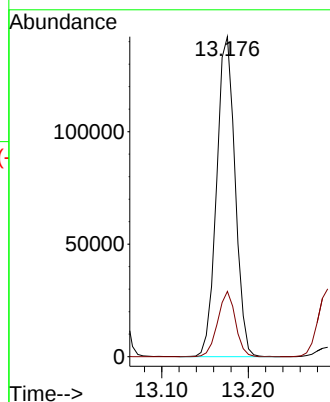
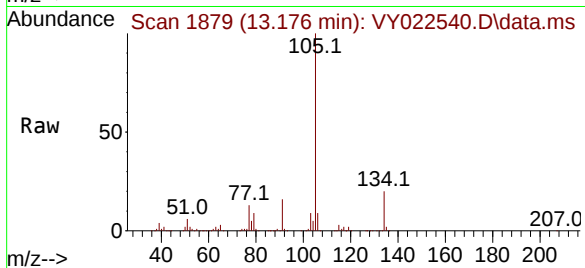
VY0604SBS01

Tgt Ion:105 Resp: 210444

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.381 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

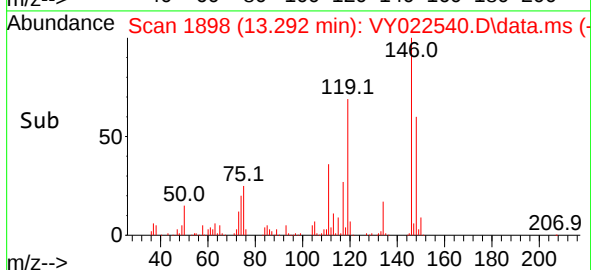
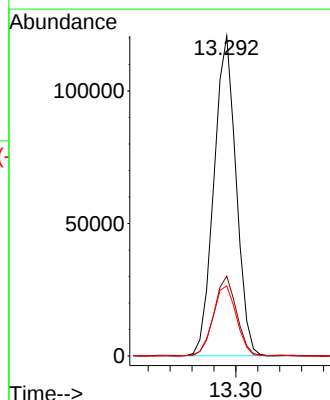
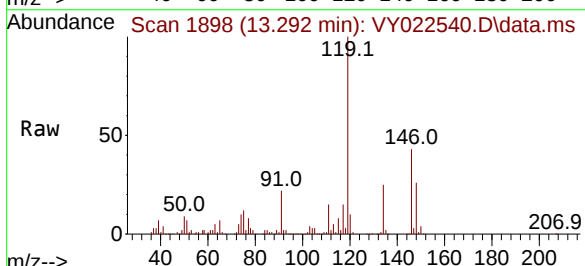
Tgt Ion:119 Resp: 169354

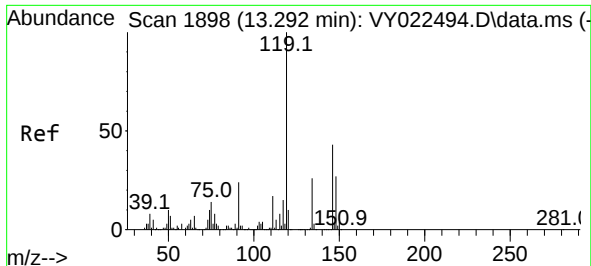
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 23.3 11.6 34.8

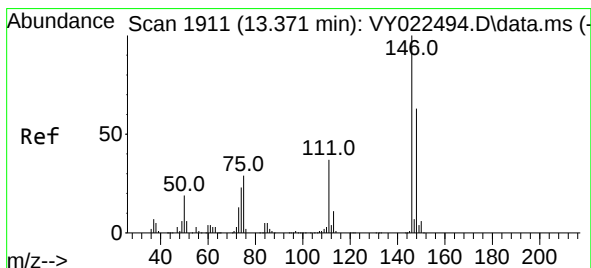
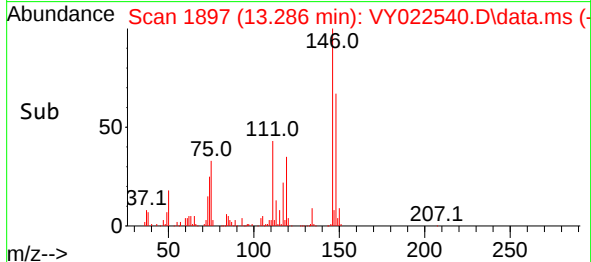
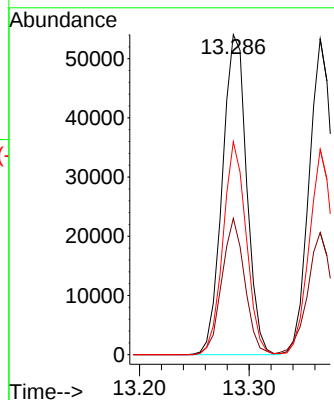
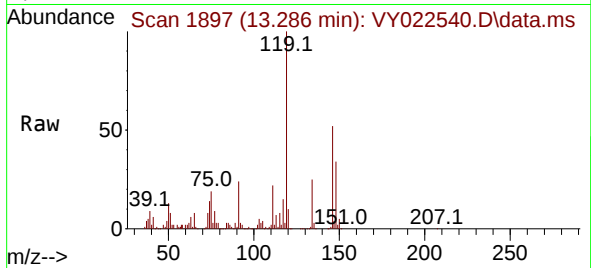




#87
1,3-Dichlorobenzene
Concen: 19.887 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

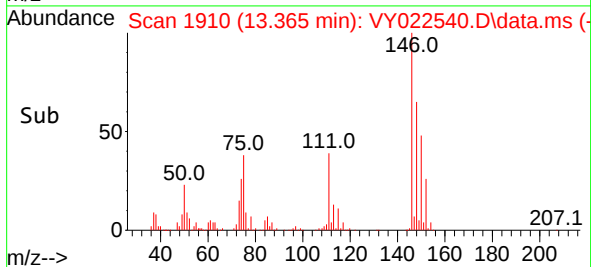
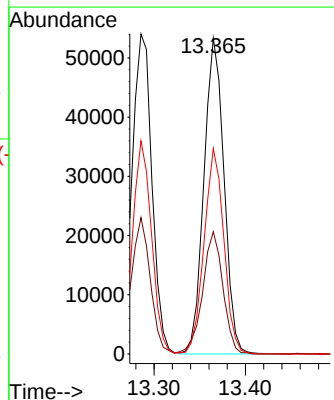
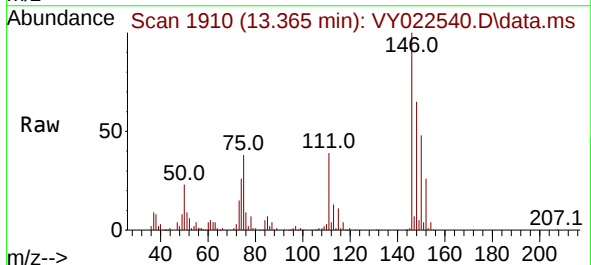
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

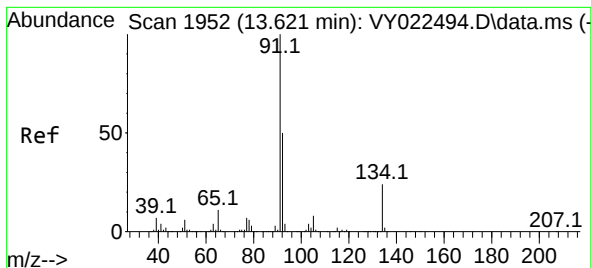
Tgt Ion:146 Resp: 83524
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.2
148 63.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 19.960 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022540.D
Acq: 04 Jun 2025 10:54

Tgt Ion:146 Resp: 81311
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.2
148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 20.202 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

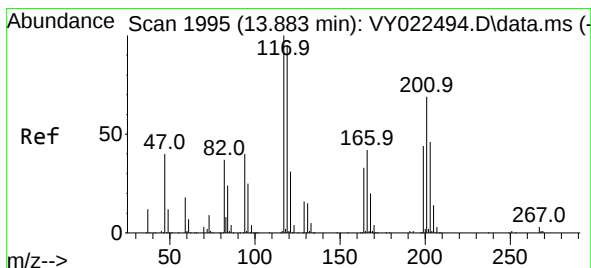
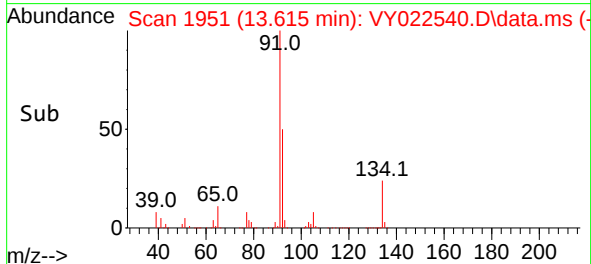
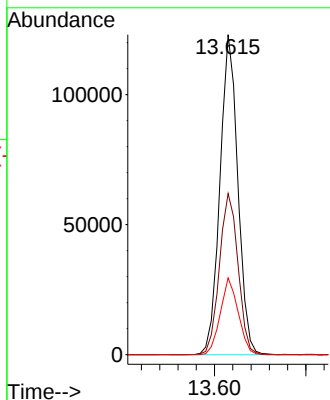
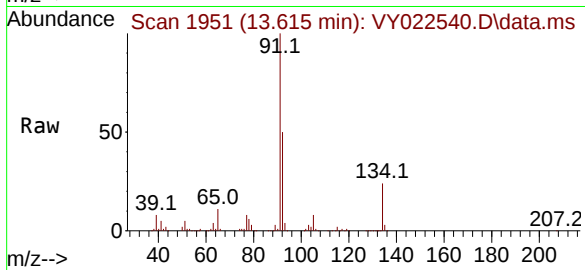
Tgt Ion: 91 Resp: 167479

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 19.708 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022540.D

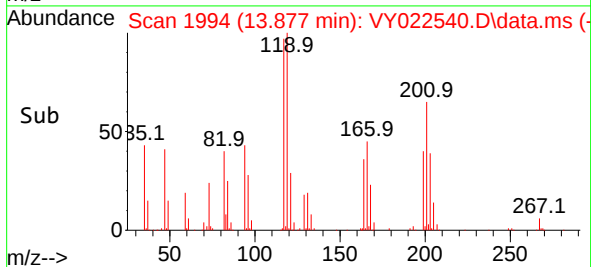
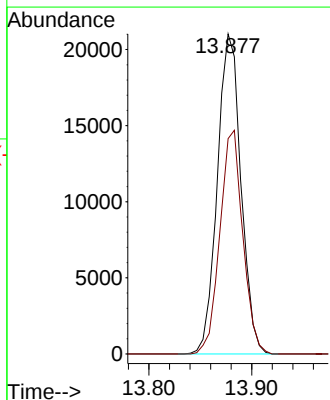
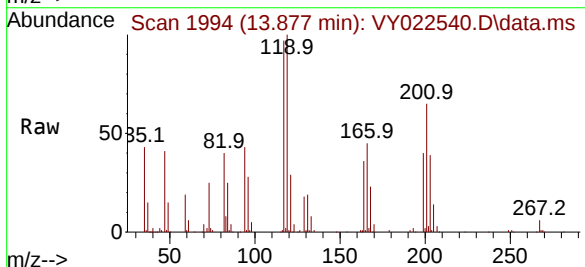
Acq: 04 Jun 2025 10:54

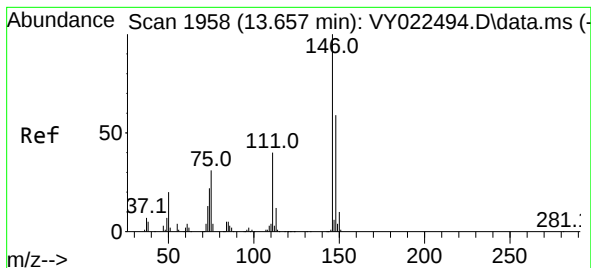
Tgt Ion: 117 Resp: 33527

Ion Ratio Lower Upper

117 100

201 67.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 19.982 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

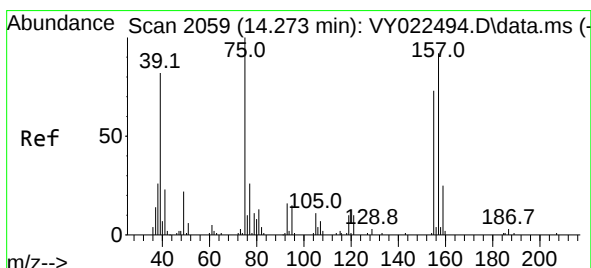
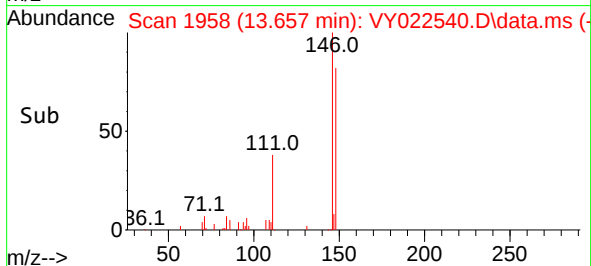
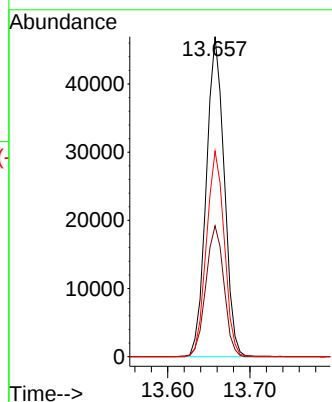
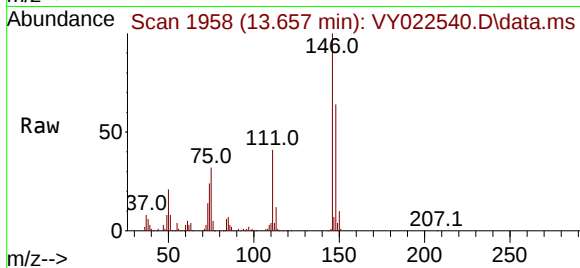
Tgt Ion:146 Resp: 71253

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.6

148 63.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.486 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

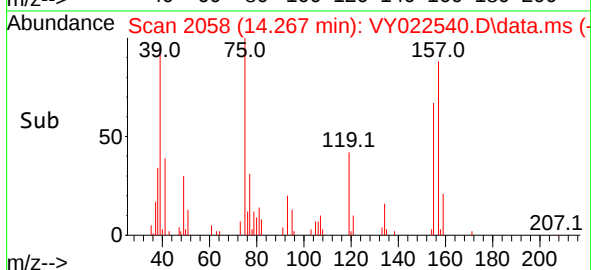
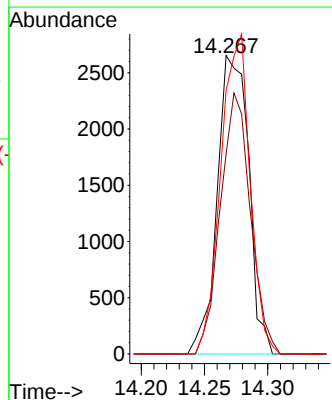
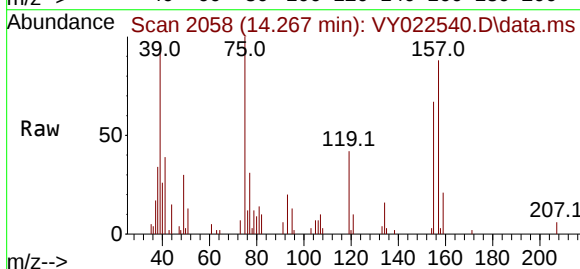
Tgt Ion: 75 Resp: 4574

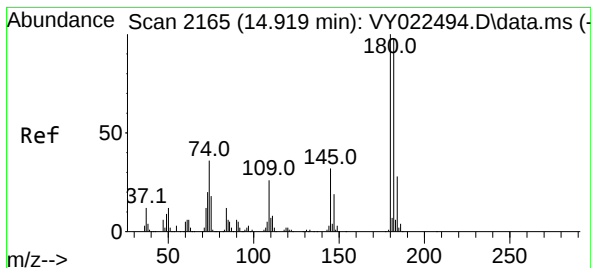
Ion Ratio Lower Upper

75 100

155 83.9 39.9 119.6

157 100.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.108 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

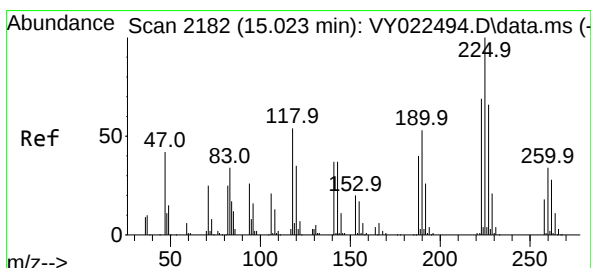
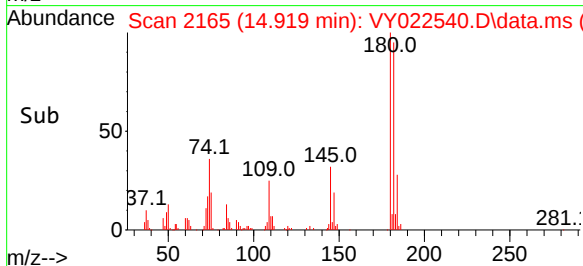
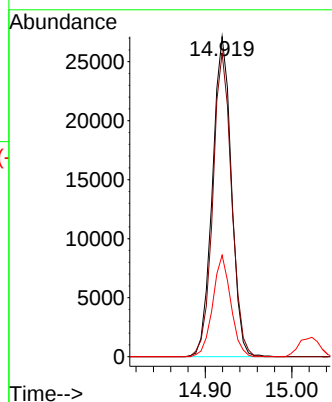
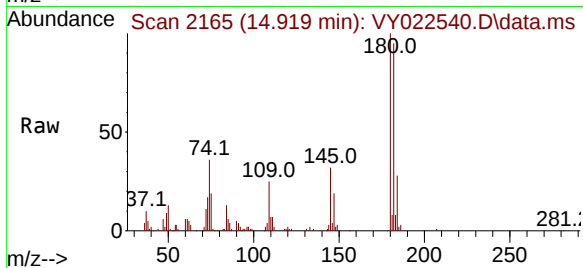
Tgt Ion:180 Resp: 41052

Ion Ratio Lower Upper

180 100

182 94.1 48.4 145.3

145 30.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.468 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

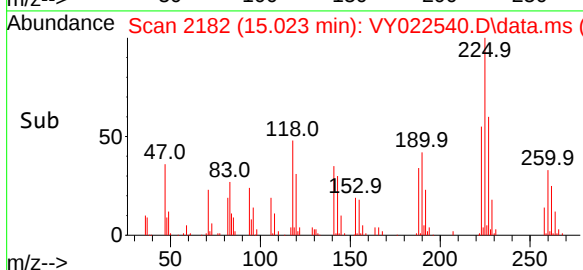
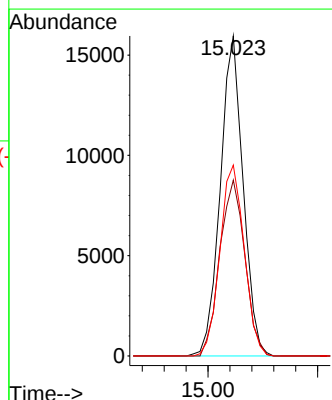
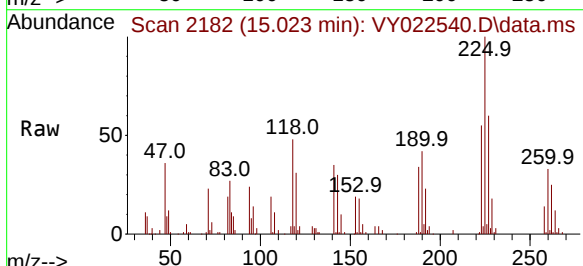
Tgt Ion:225 Resp: 23044

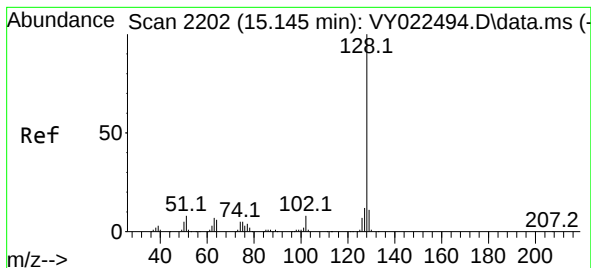
Ion Ratio Lower Upper

225 100

223 60.4 32.5 97.4

227 63.7 32.3 96.9





#95

Naphthalene

Concen: 19.736 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

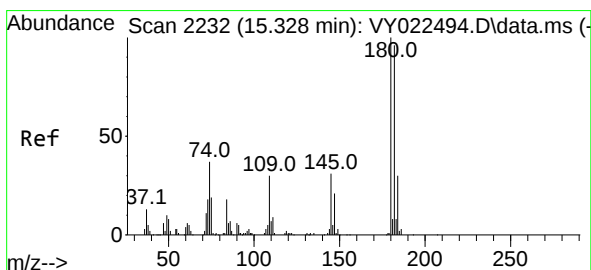
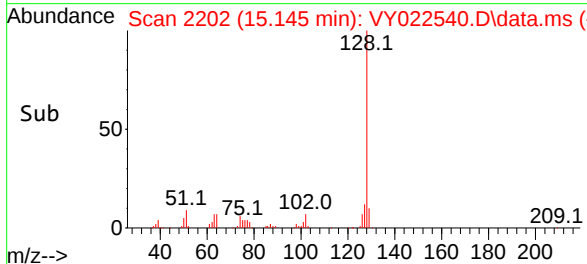
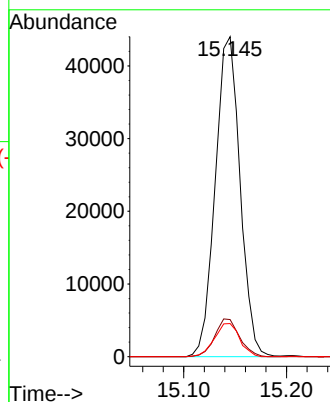
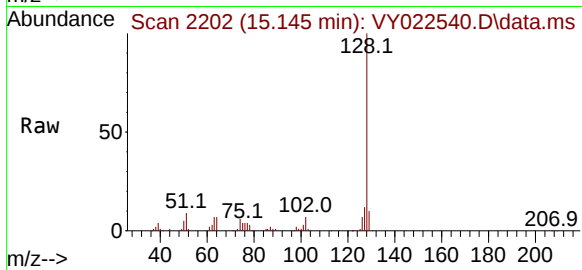
Tgt Ion:128 Resp: 73656

Ion Ratio Lower Upper

128 100

127 11.8 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.547 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022540.D

Acq: 04 Jun 2025 10:54

Tgt Ion:180 Resp: 34247

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 31.2 15.2 45.6

