

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022562.D
 Acq On : 05 Jun 2025 09:41
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Quant Time: Jun 06 01:19:52 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	185960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	319893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	265176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103268	49.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.634	113	96100	50.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.103	98	389337	50.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.401	95	110996	48.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35934	21.583	ug/l	98
3) Chloromethane	2.068	50	97474	19.818	ug/l	98
4) Vinyl Chloride	2.202	62	137361	24.074	ug/l	100
5) Bromomethane	2.586	94	125584	22.963	ug/l	97
6) Chloroethane	2.732	64	94921	24.237	ug/l	97
7) Trichlorofluoromethane	3.043	101	124470	25.696	ug/l	95
8) Diethyl Ether	3.452	74	22768	20.872	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	42895	21.026	ug/l	99
10) Methyl Iodide	4.001	142	38996	17.663	ug/l	99
11) Tert butyl alcohol	4.866	59	15000	100.976	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	41284	21.170	ug/l	96
13) Acrolein	3.653	56	17449	94.252	ug/l	98
14) Allyl chloride	4.372	41	62719	20.487	ug/l	98
15) Acrylonitrile	5.055	53	45665	98.843	ug/l	98
16) Acetone	3.873	43	39774	94.164	ug/l	98
17) Carbon Disulfide	4.104	76	129036	20.668	ug/l	99
18) Methyl Acetate	4.391	43	23837	19.057	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	112178	20.423	ug/l	94
20) Methylene Chloride	4.610	84	51654	21.529	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	46025	21.088	ug/l	94
22) Diisopropyl ether	6.018	45	142095	20.852	ug/l	97
23) Vinyl Acetate	5.957	43	408238	101.218	ug/l	99
24) 1,1-Dichloroethane	5.909	63	85887	21.395	ug/l	99
25) 2-Butanone	6.896	43	61458	100.871	ug/l	94
26) 2,2-Dichloropropane	6.884	77	74884	21.112	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	53578	21.239	ug/l	99
28) Bromochloromethane	7.238	49	34931	19.961	ug/l	99
29) Tetrahydrofuran	7.262	42	38399	97.717	ug/l	98
30) Chloroform	7.421	83	84488	21.248	ug/l	96
31) Cyclohexane	7.701	56	79881	19.987	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	74288	21.046	ug/l	97
36) 1,1-Dichloropropene	7.835	75	63932	20.630	ug/l	99
37) Ethyl Acetate	6.982	43	28467	20.599	ug/l	98
38) Carbon Tetrachloride	7.817	117	65817	20.703	ug/l	97
39) Methylcyclohexane	9.109	83	83418	20.031	ug/l	97
40) Benzene	8.079	78	191373	20.908	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13605	16.854	ug/l	87
42) 1,2-Dichloroethane	8.158	62	52311	20.932	ug/l	99
43) Isopropyl Acetate	8.201	43	59989	20.099	ug/l	100
44) Trichloroethene	8.866	130	46117	20.615	ug/l	94
45) 1,2-Dichloropropane	9.140	63	45262	20.924	ug/l	99
46) Dibromomethane	9.231	93	24460	20.099	ug/l	99
47) Bromodichloromethane	9.420	83	64131	20.783	ug/l	100
48) Methyl methacrylate	9.219	41	26124	18.649	ug/l	98
49) 1,4-Dioxane	9.231	88	5680	393.970	ug/l	88
51) 4-Methyl-2-Pentanone	9.999	43	144633	97.196	ug/l	98
52) Toluene	10.170	92	118135	20.538	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	56828	19.655	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	68811	20.445	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	30617	19.730	ug/l	96
56) Ethyl methacrylate	10.438	69	42048	18.748	ug/l	96
57) 1,3-Dichloropropane	10.713	76	54317	19.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	99909	98.114	ug/l	99
59) 2-Hexanone	10.755	43	95337	95.797	ug/l	98
60) Dibromochloromethane	10.908	129	39626	20.094	ug/l	98
61) 1,2-Dibromoethane	11.011	107	28445	20.112	ug/l	98
64) Tetrachloroethene	10.646	164	46452	20.364	ug/l	98
65) Chlorobenzene	11.438	112	122017	20.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	39130	19.795	ug/l	96
67) Ethyl Benzene	11.517	91	220134	20.226	ug/l	97
68) m/p-Xylenes	11.627	106	164620	39.899	ug/l	100
69) o-Xylene	11.950	106	77686	20.082	ug/l	100
70) Styrene	11.969	104	126313	19.754	ug/l	98
71) Bromoform	12.127	173	20908	19.876	ug/l #	98
73) Isopropylbenzene	12.249	105	207625	20.870	ug/l	99
74) N-amyl acetate	12.072	43	48535	19.335	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33569	20.559	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	46253	33.365	ug/l #	100
77) Bromobenzene	12.529	156	41906	19.961	ug/l	99
78) n-propylbenzene	12.590	91	249452	20.530	ug/l	100
79) 2-Chlorotoluene	12.676	91	131777	20.462	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	158482	20.291	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	10424	18.159	ug/l	95
82) 4-Chlorotoluene	12.773	91	133141	20.041	ug/l	99
83) tert-Butylbenzene	12.993	119	146274	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	158008	20.227	ug/l	100
85) sec-Butylbenzene	13.176	105	220482	20.537	ug/l	100
86) p-Isopropyltoluene	13.292	119	175127	19.790	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	86453	20.325	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	83523	20.246	ug/l	99
89) n-Butylbenzene	13.615	91	170632	20.323	ug/l	100
90) Hexachloroethane	13.877	117	36555	21.218	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	70965	19.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4326	18.198	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	38134	19.361	ug/l	98
94) Hexachlorobutadiene	15.023	225	21255	19.552	ug/l	100
95) Naphthalene	15.139	128	69356	18.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	32110	19.023	ug/l	98

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

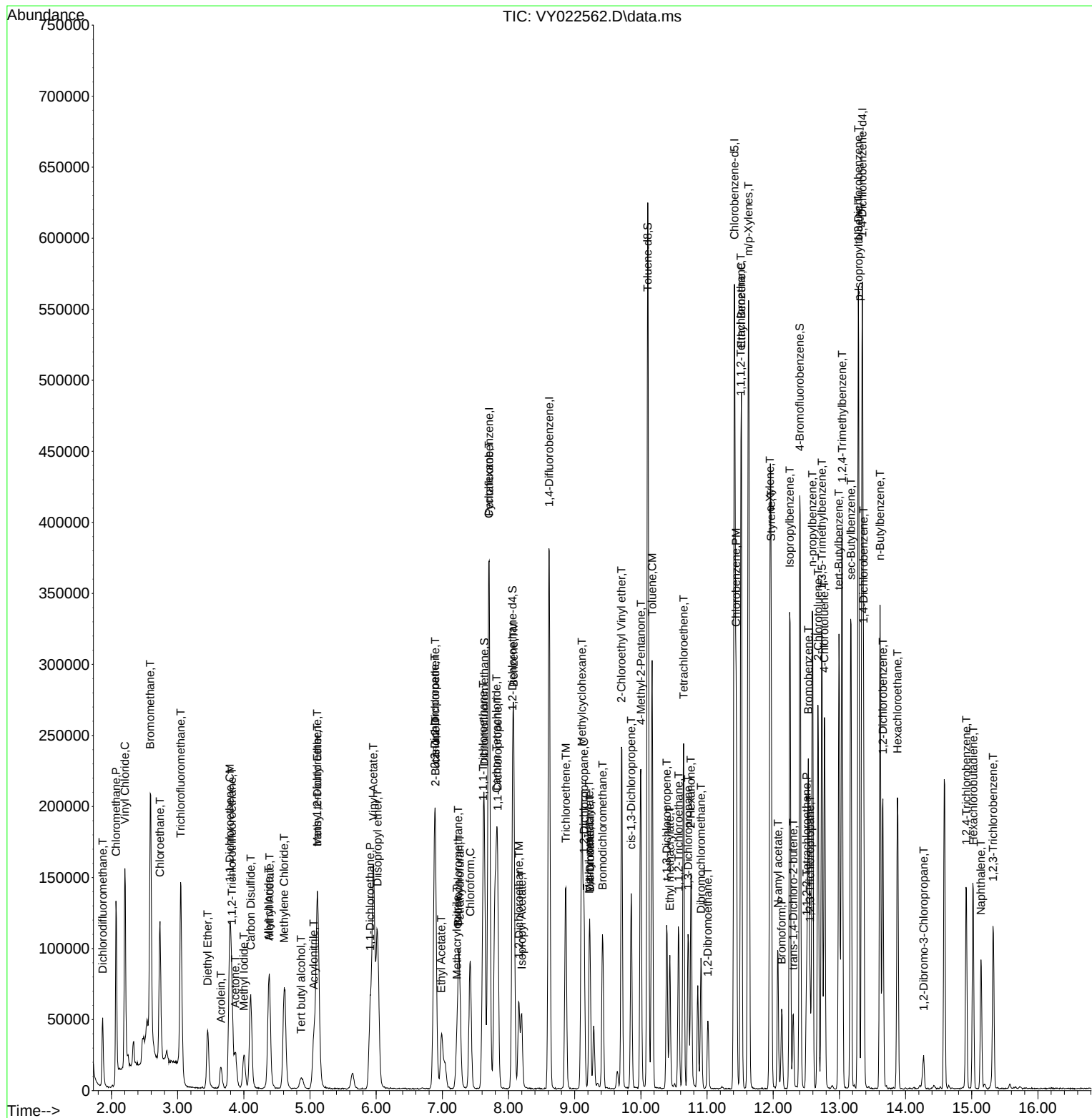
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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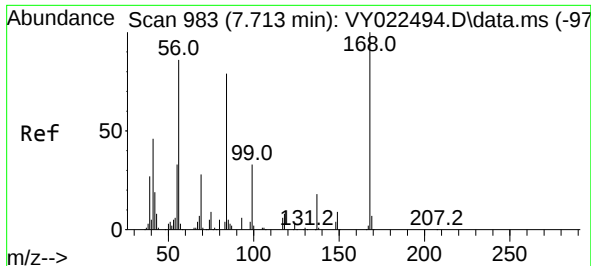
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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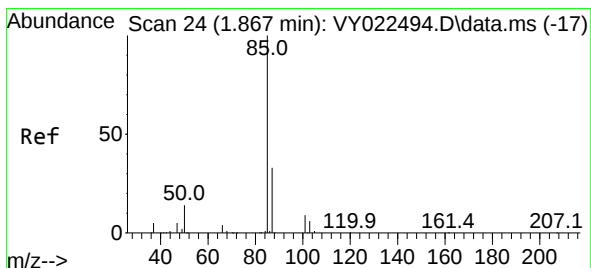
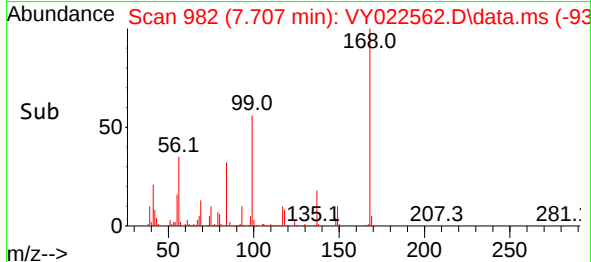
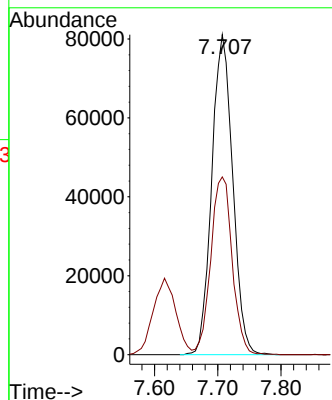
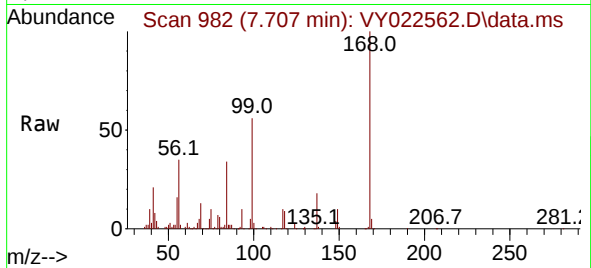




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022562.D
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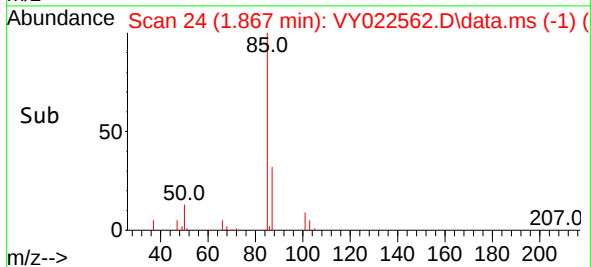
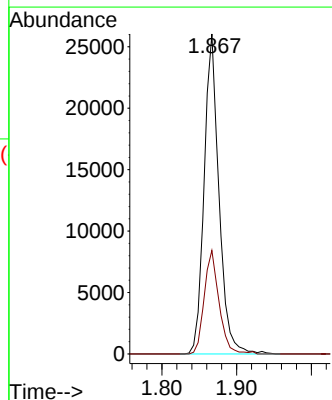
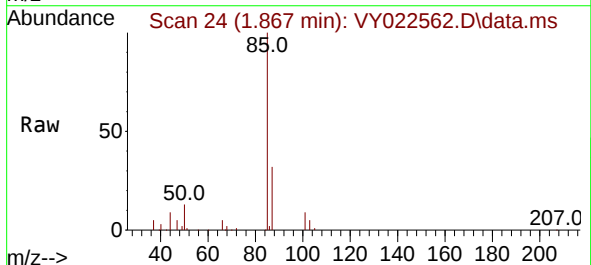
Instrument :
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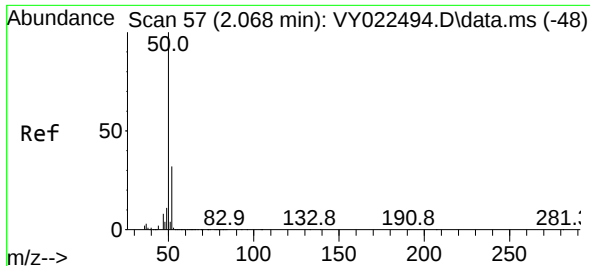
Tgt Ion:168 Resp: 185960
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.583 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 85 Resp: 35934
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0

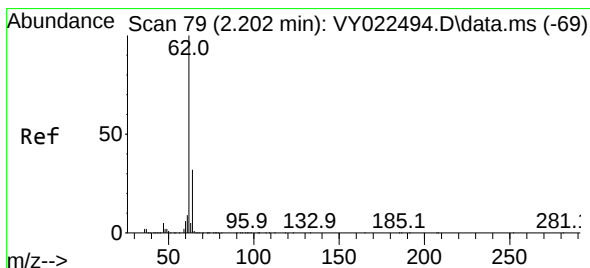
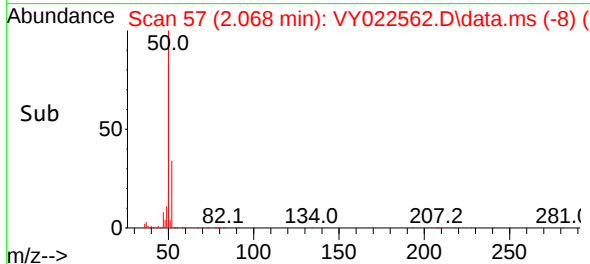
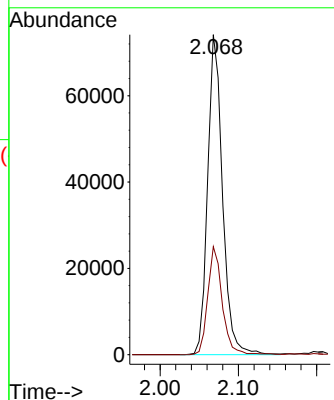
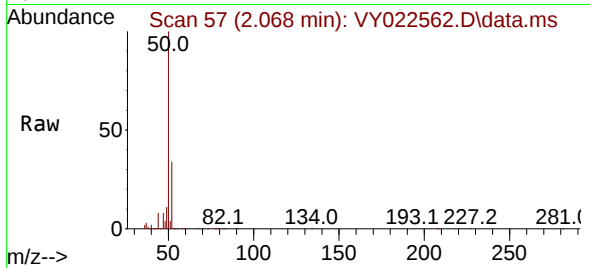




#3
Chloromethane
Concen: 19.818 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

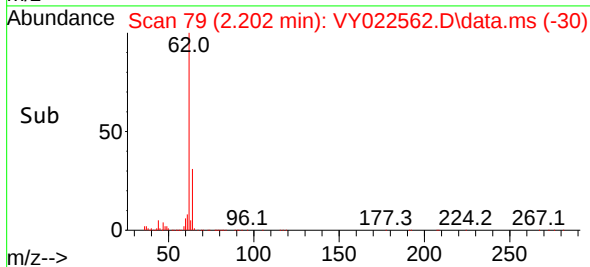
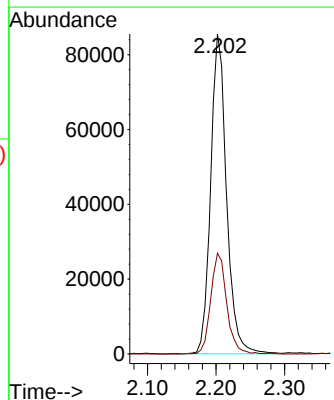
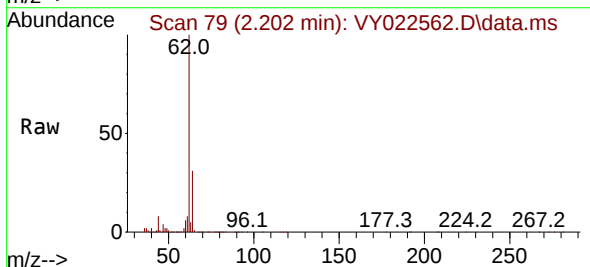
Instrument :
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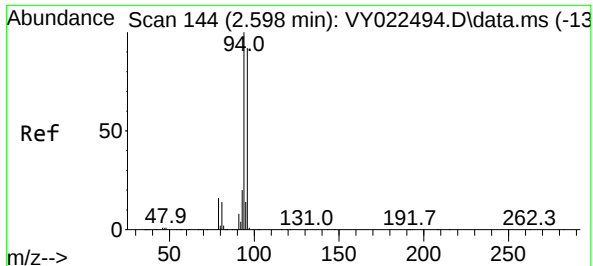
Tgt Ion: 50 Resp: 97474
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 24.074 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 62 Resp: 137361
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

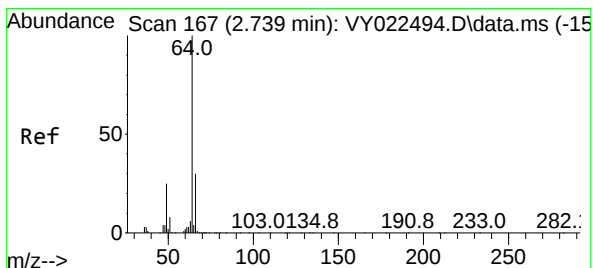
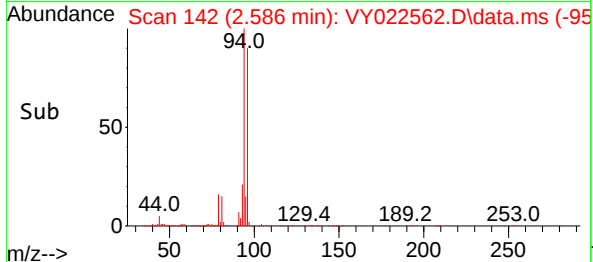
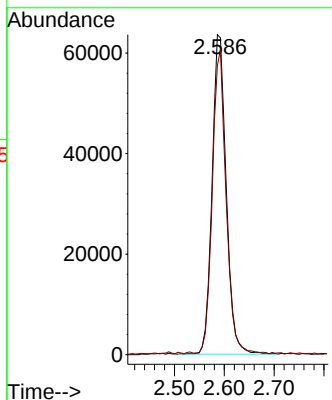
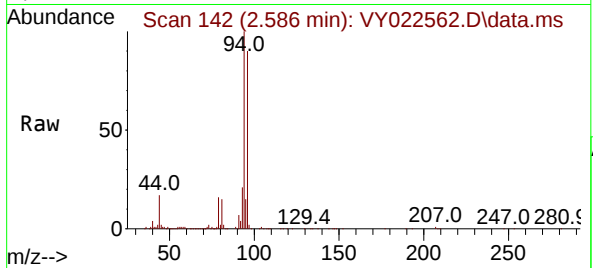




#5
Bromomethane
Concen: 22.963 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

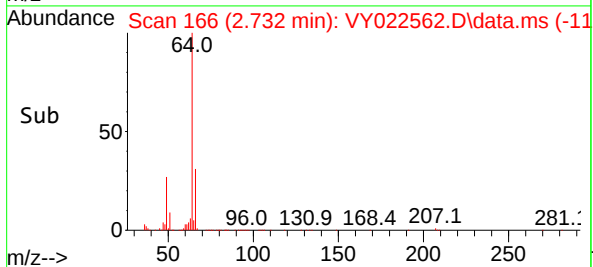
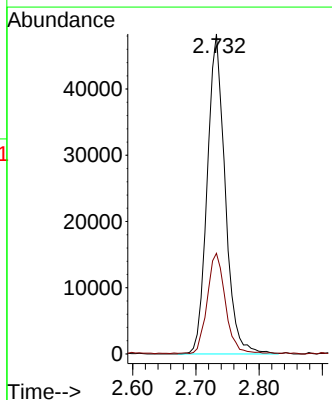
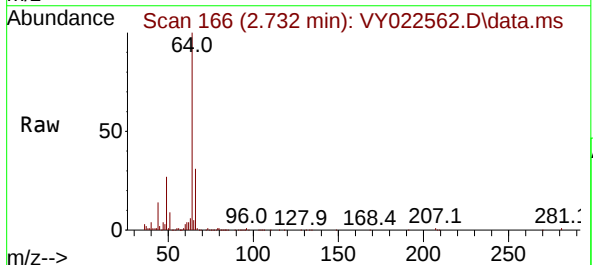
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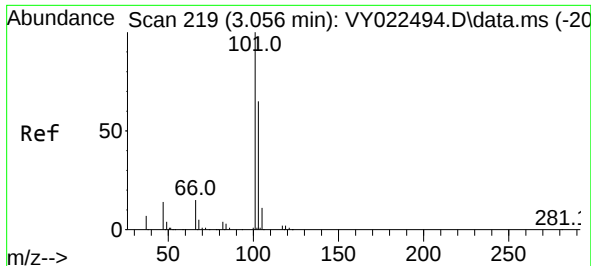
Tgt Ion: 94 Resp: 125584
Ion Ratio Lower Upper
94 100
96 90.0 74.0 111.0



#6
Chloroethane
Concen: 24.237 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022562.D
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Tgt Ion: 64 Resp: 94921
Ion Ratio Lower Upper
64 100
66 31.2 23.8 35.6

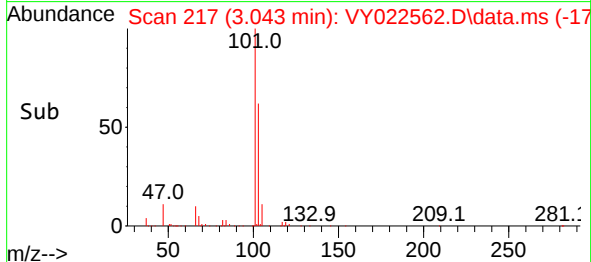
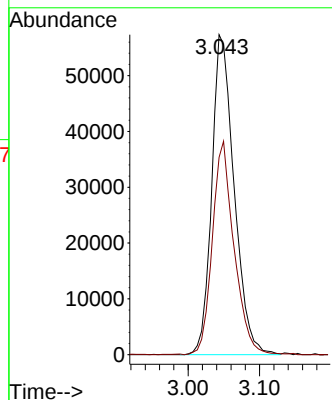
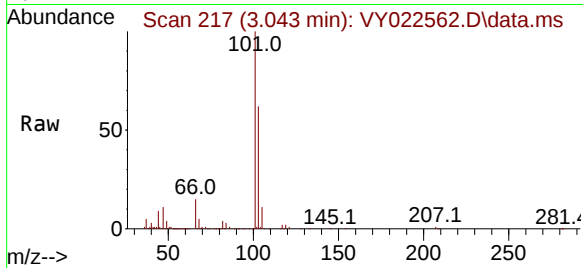




#7
Trichlorofluoromethane
Concen: 25.696 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022562.D
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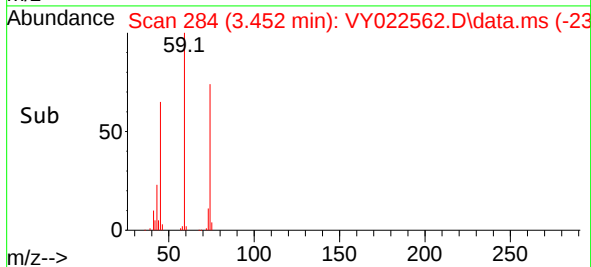
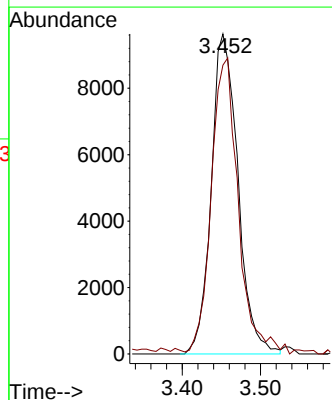
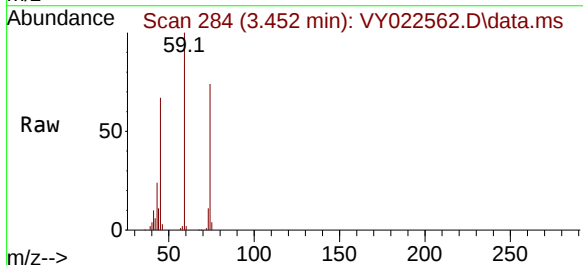
Instrument :
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Tgt Ion:101 Resp: 124470
Ion Ratio Lower Upper
101 100
103 61.4 52.2 78.2



#8
Diethyl Ether
Concen: 20.872 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 74 Resp: 22768
Ion Ratio Lower Upper
74 100
45 91.9 45.9 137.6

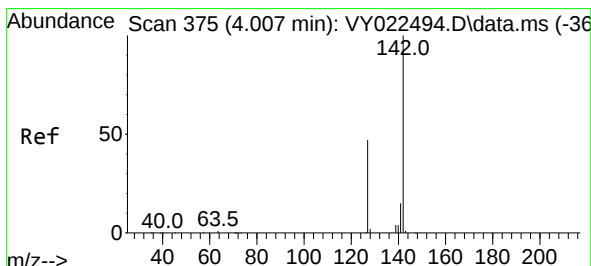
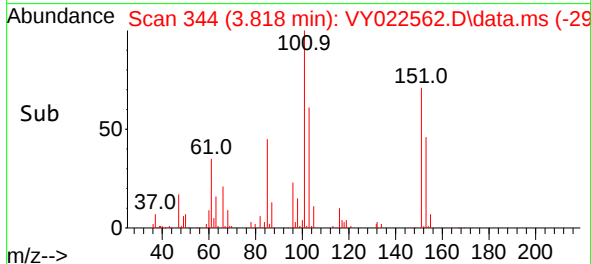
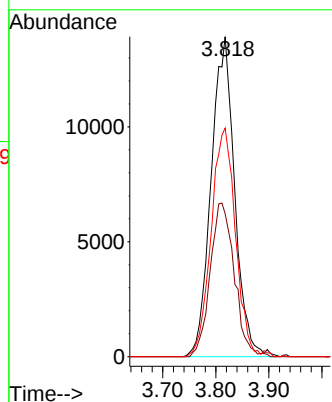
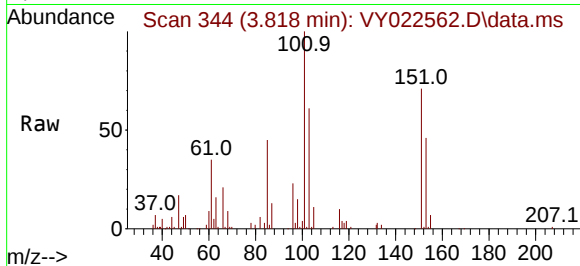




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.026 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
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Acq: 05 Jun 2025 09:41

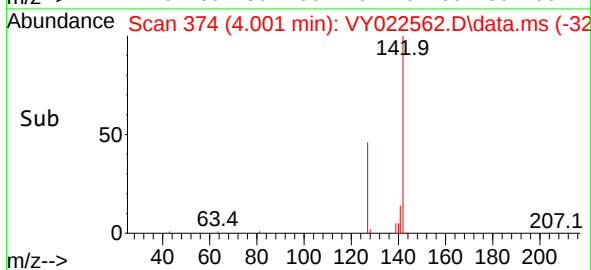
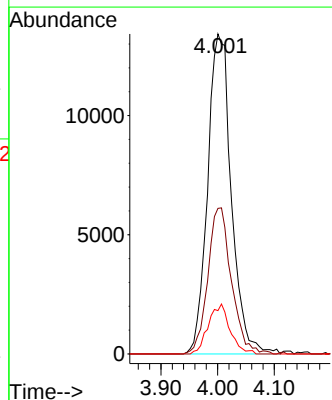
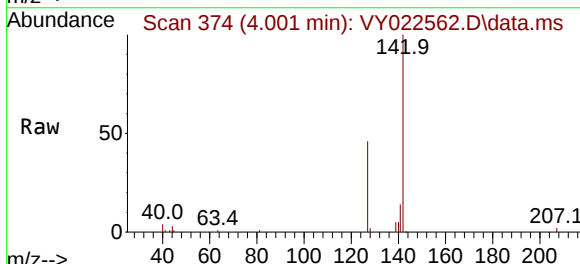
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

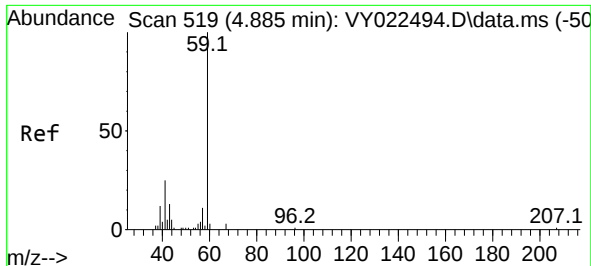
Tgt Ion:101 Resp: 42895
Ion Ratio Lower Upper
101 100
85 49.1 39.3 58.9
151 73.6 57.8 86.8



#10
Methyl Iodide
Concen: 17.663 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:142 Resp: 38996
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.3 11.4 17.2

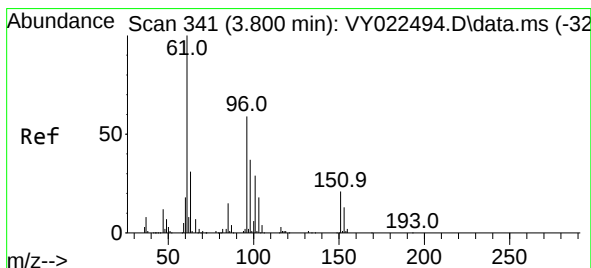
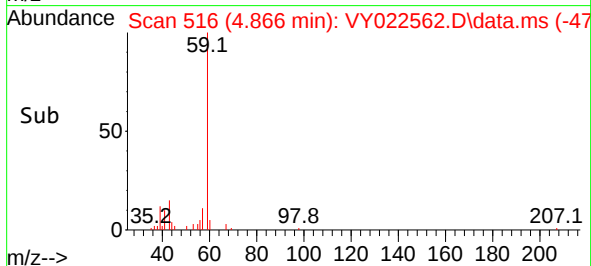
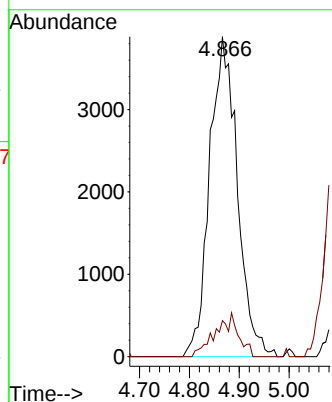
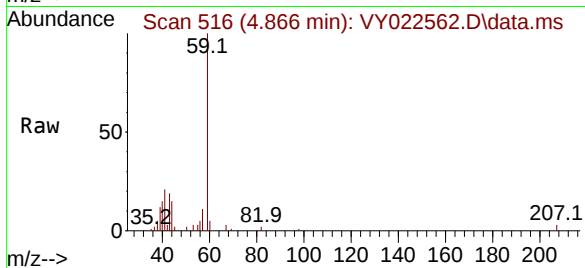




#11
Tert butyl alcohol
Concen: 100.976 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

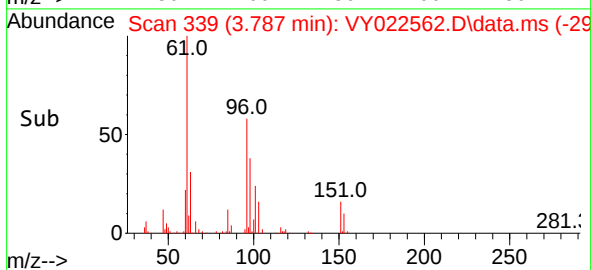
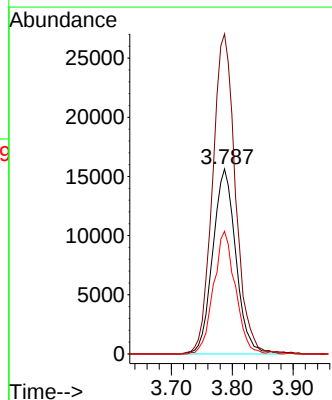
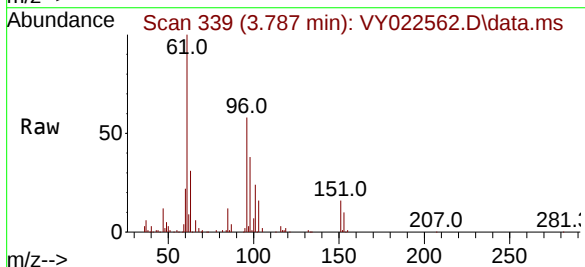
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

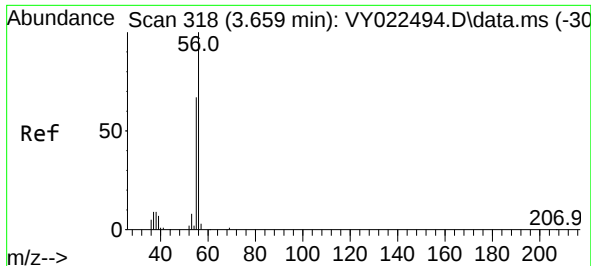
Tgt Ion: 59 Resp: 15000
Ion Ratio Lower Upper
59 100
57 6.9 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.170 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 96 Resp: 41284
Ion Ratio Lower Upper
96 100
61 173.0 134.6 201.8
98 66.3 50.2 75.4

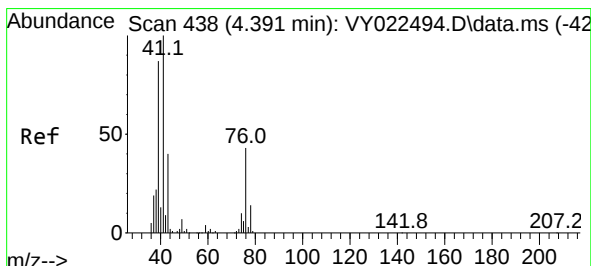
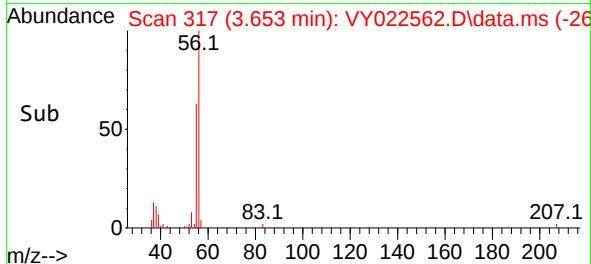
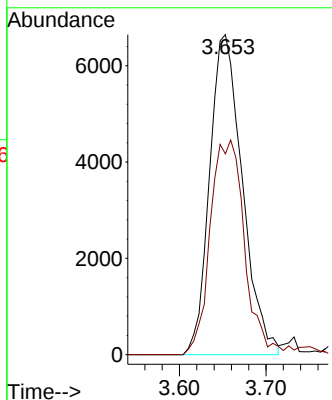
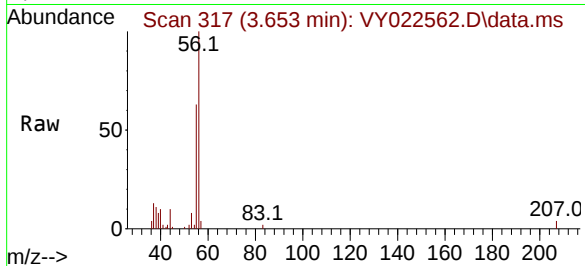




#13
Acrolein
Concen: 94.252 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

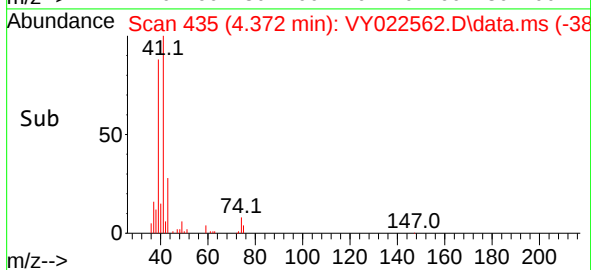
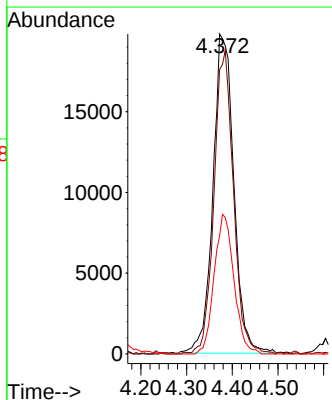
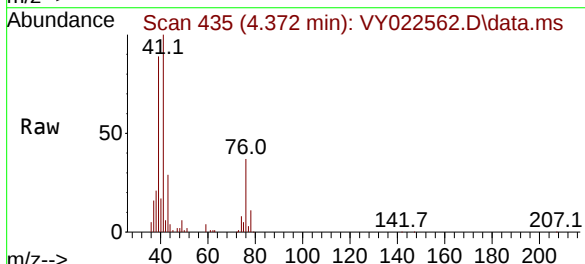
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

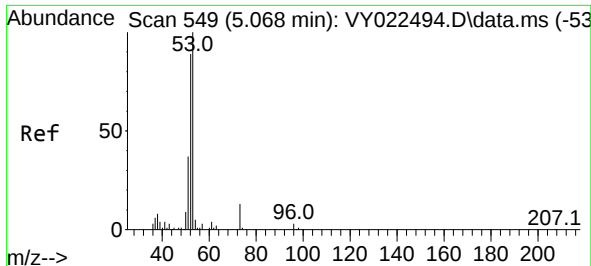
Tgt Ion: 56 Resp: 17449
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.6



#14
Allyl chloride
Concen: 20.487 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 41 Resp: 62719
Ion Ratio Lower Upper
41 100
39 88.8 69.1 103.7
76 41.4 33.5 50.3

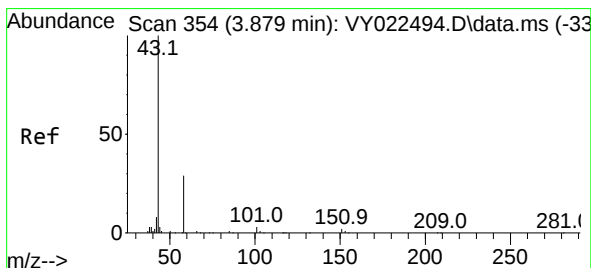
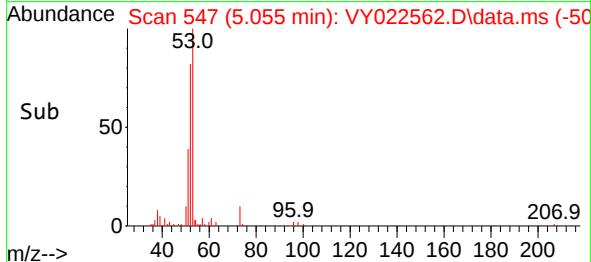
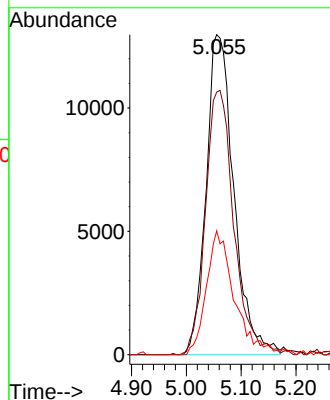
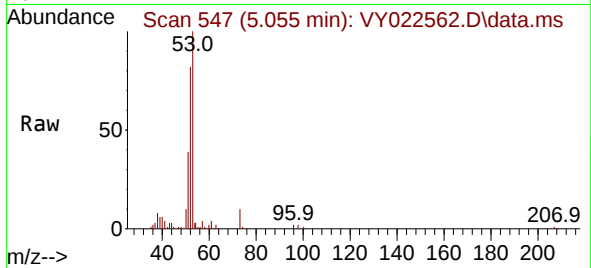




#15
Acrylonitrile
Concen: 98.843 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

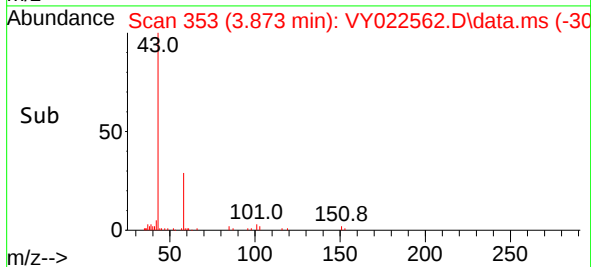
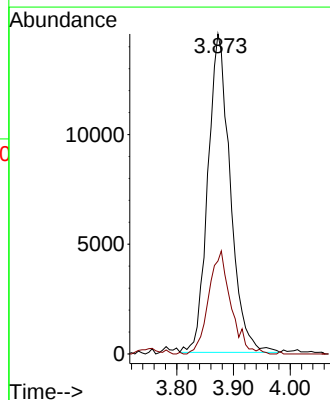
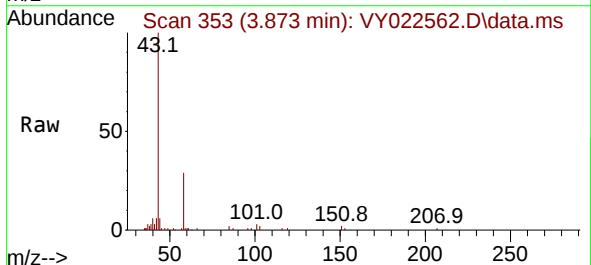
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

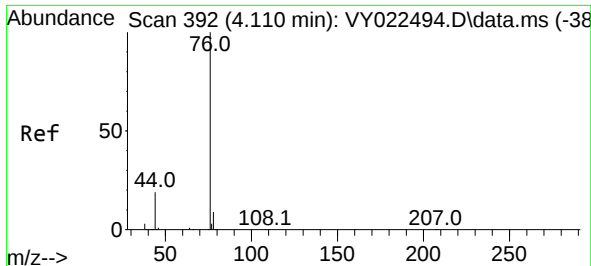
Tgt Ion: 53 Resp: 45665
Ion Ratio Lower Upper
53 100
52 84.0 65.7 98.5
51 38.8 30.1 45.1



#16
Acetone
Concen: 94.164 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 43 Resp: 39774
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0

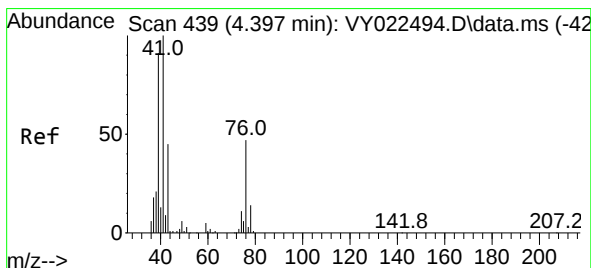
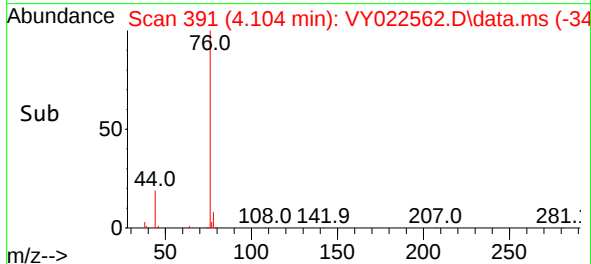
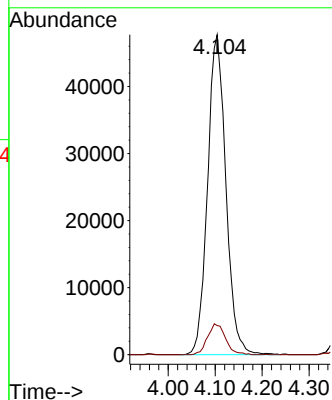
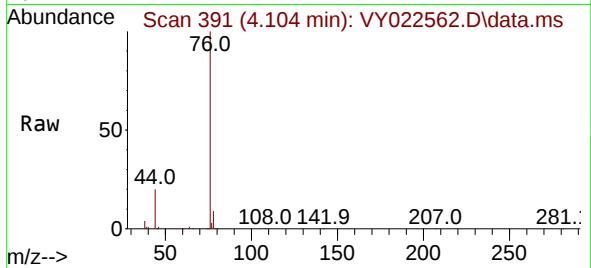




#17
Carbon Disulfide
Concen: 20.668 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

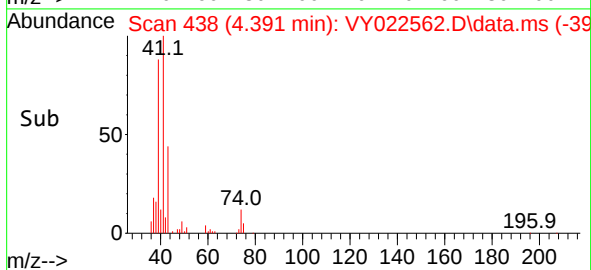
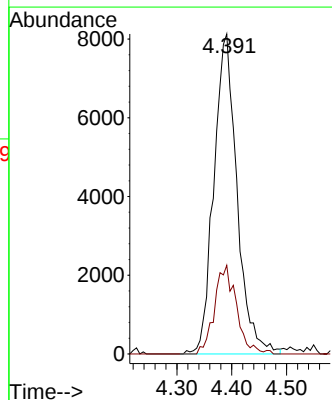
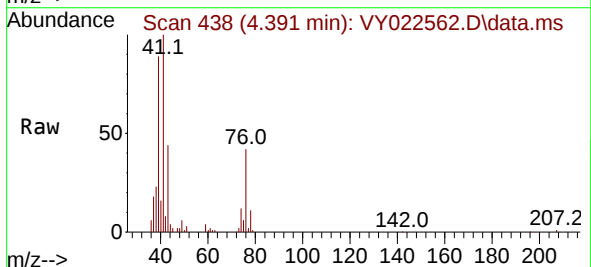
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

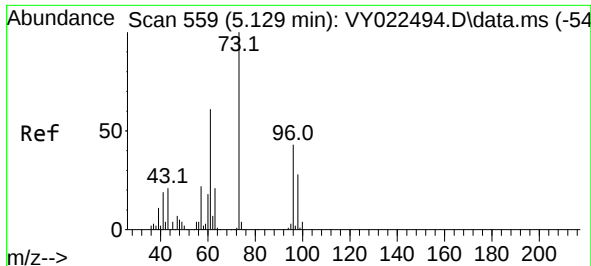
Tgt Ion: 76 Resp: 129036
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 19.057 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 43 Resp: 23837
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.6

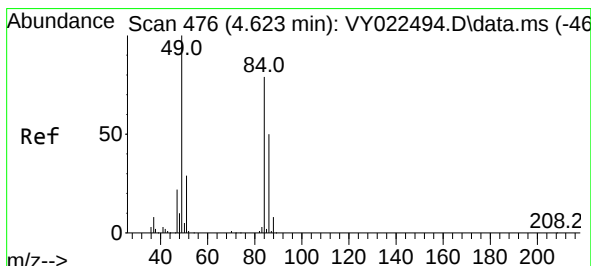
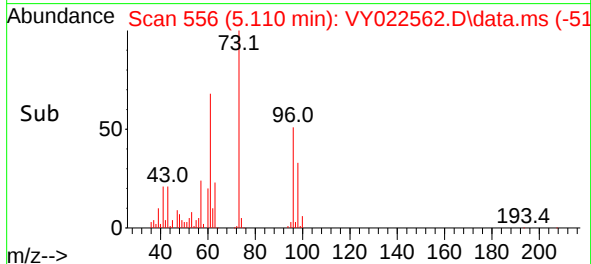
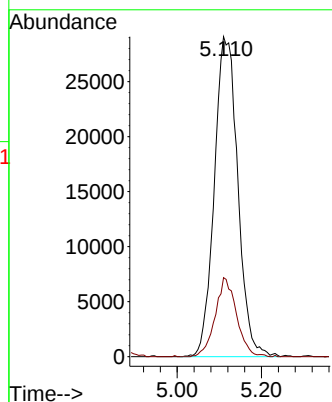
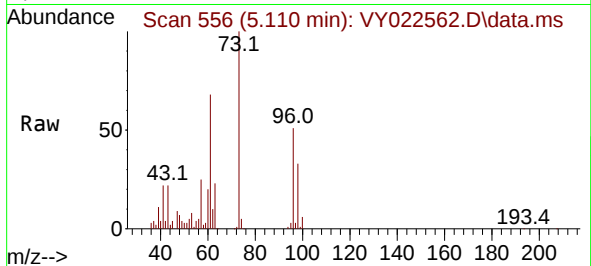




#19
Methyl tert-butyl Ether
Concen: 20.423 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

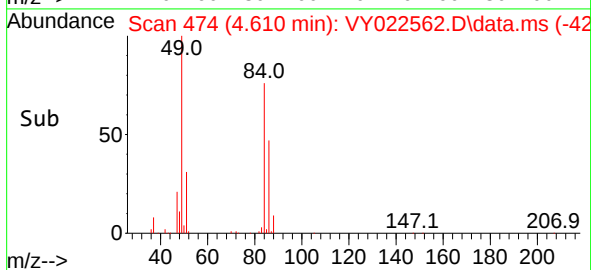
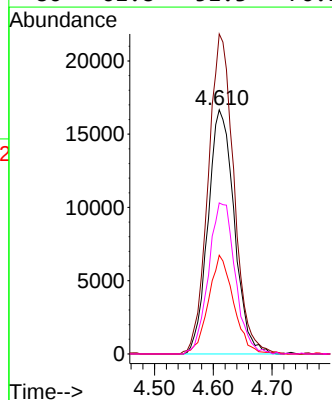
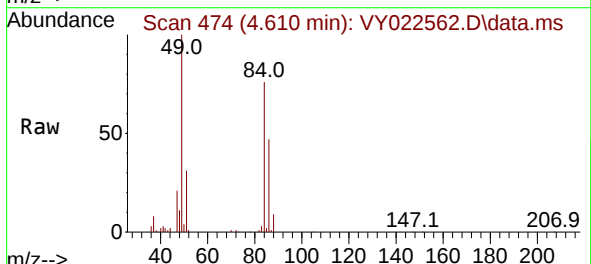
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

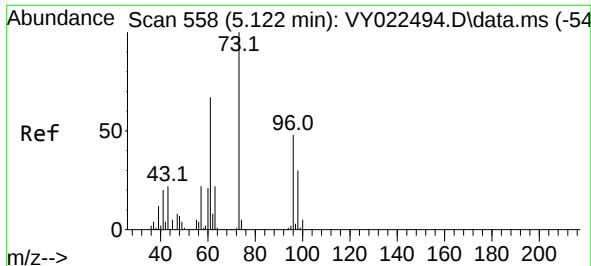
Tgt Ion: 73 Resp: 112178
Ion Ratio Lower Upper
73 100
57 24.7 17.4 26.0



#20
Methylene Chloride
Concen: 21.529 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 84 Resp: 51654
Ion Ratio Lower Upper
84 100
49 131.1 101.9 152.9
51 40.5 29.8 44.8
86 61.8 51.3 76.9

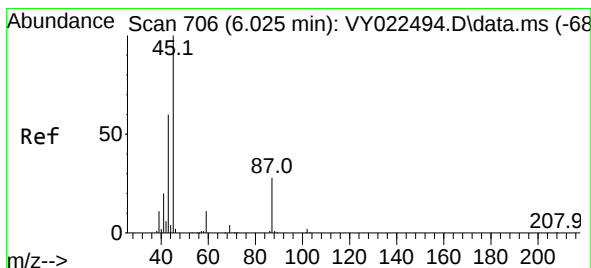
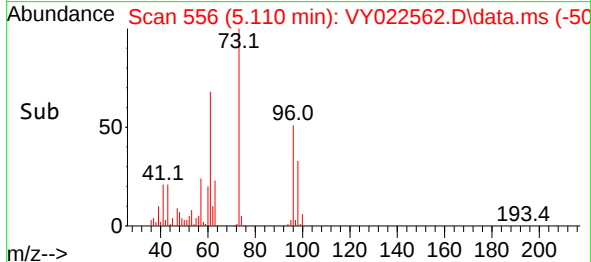
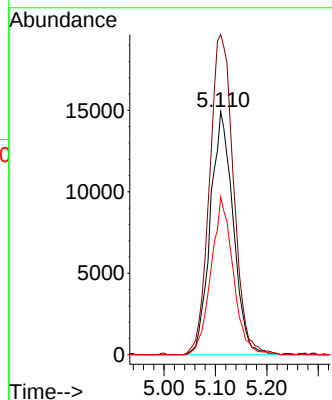
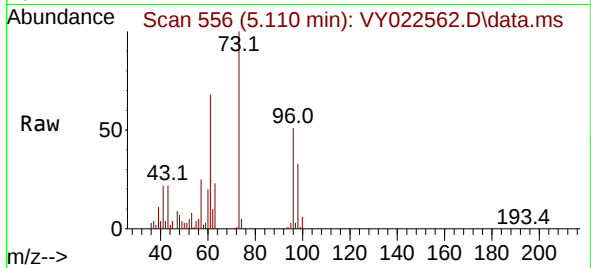




#21
trans-1,2-Dichloroethene
Concen: 21.088 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

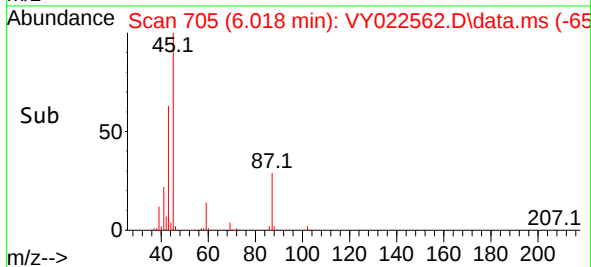
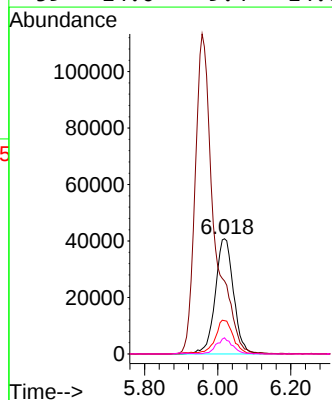
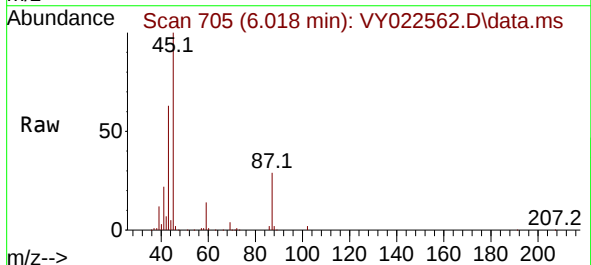
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion: 96 Resp: 46025
Ion Ratio Lower Upper
96 100
61 131.7 112.6 169.0
98 64.9 50.6 75.8



#22
Diisopropyl ether
Concen: 20.852 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 45 Resp: 142095
Ion Ratio Lower Upper
45 100
43 62.8 48.3 72.5
87 28.9 23.0 34.6
59 14.0 9.4 14.0

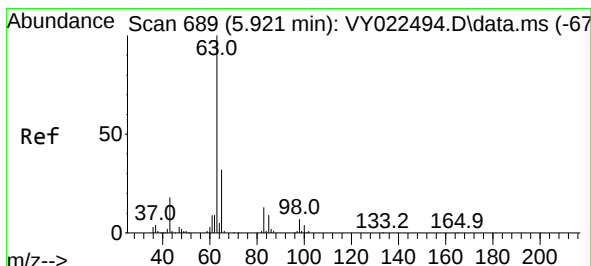
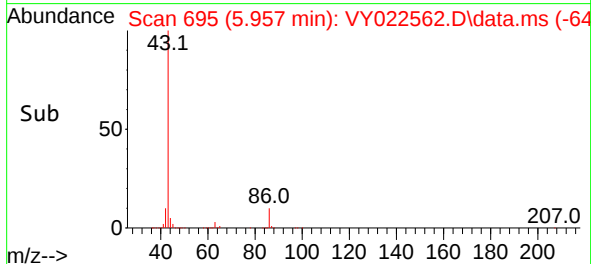
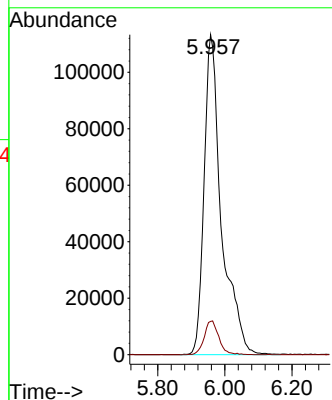
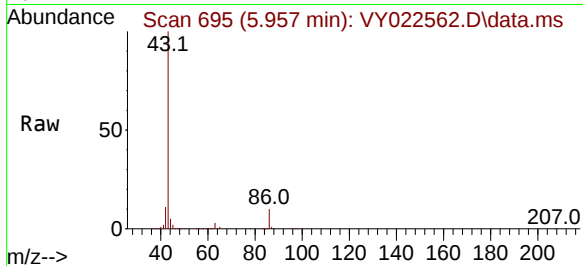




#23
 Vinyl Acetate
 Concen: 101.218 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

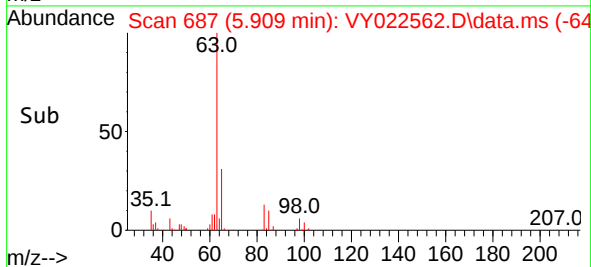
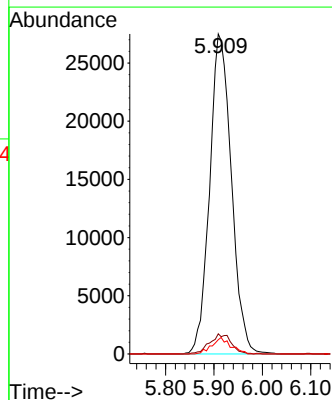
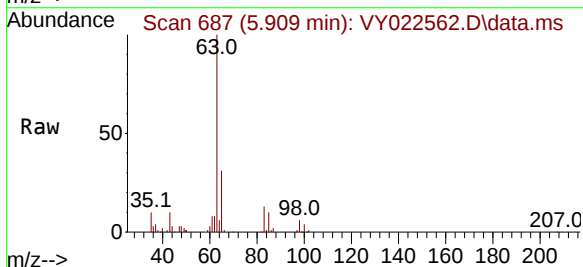
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Tgt Ion: 43 Resp: 408238
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.395 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

Tgt Ion: 63 Resp: 85887
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.5 2.1 6.3

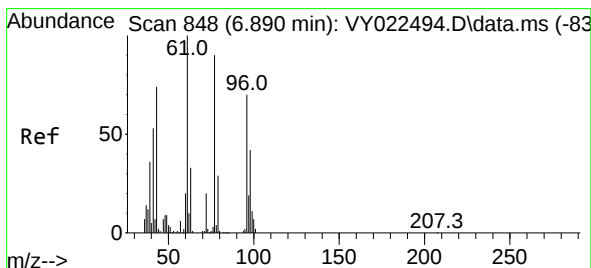
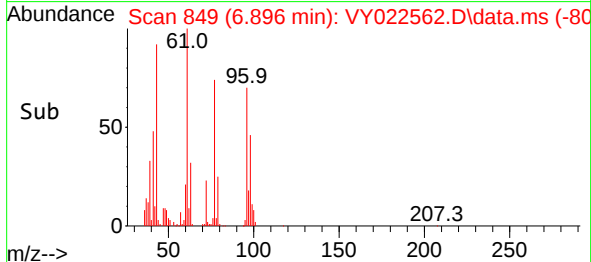
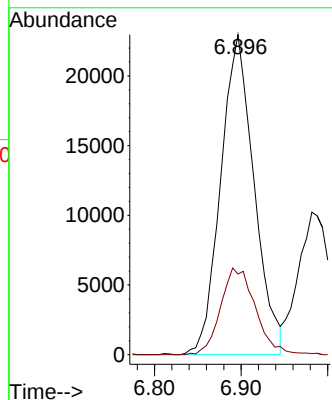
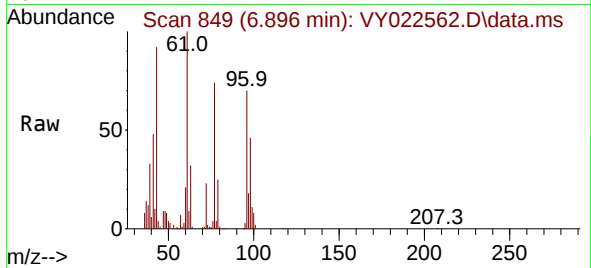




#25
2-Butanone
Concen: 100.871 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

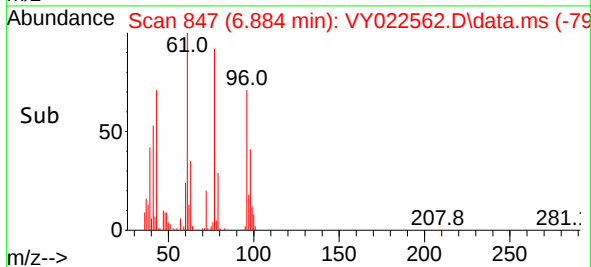
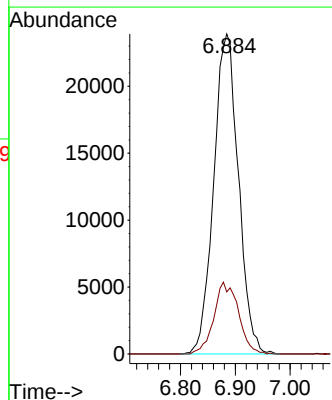
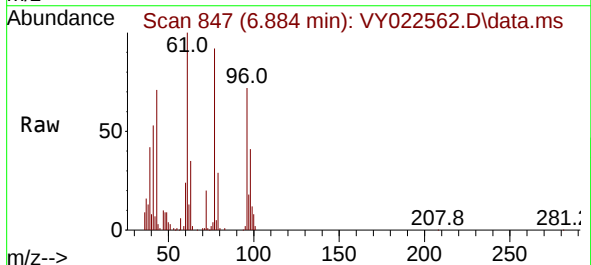
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion: 43 Resp: 61458
Ion Ratio Lower Upper
43 100
72 25.2 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.112 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 77 Resp: 74884
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.239 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

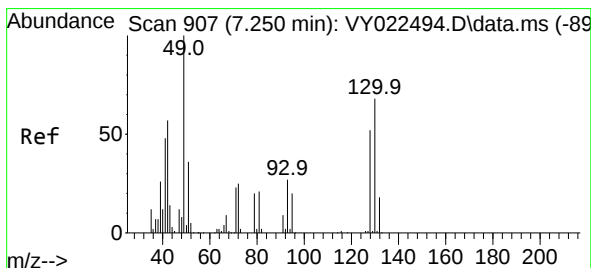
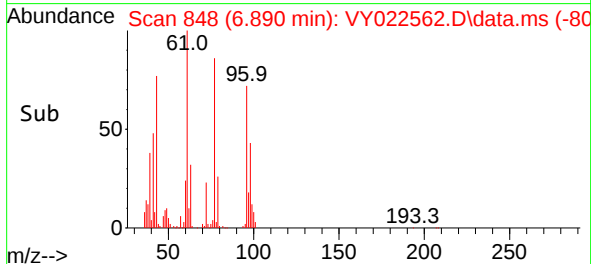
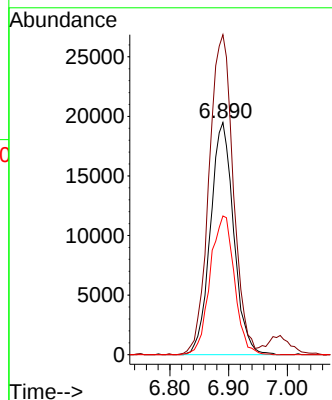
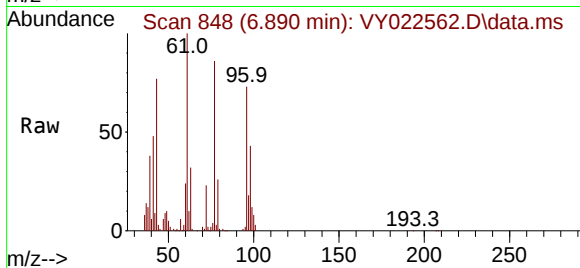
Tgt Ion: 96 Resp: 53578

Ion Ratio Lower Upper

96 100

61 144.0 0.0 290.0

98 62.4 0.0 128.4



#28

Bromochloromethane

Concen: 19.961 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

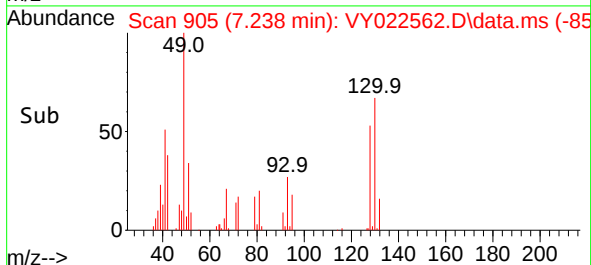
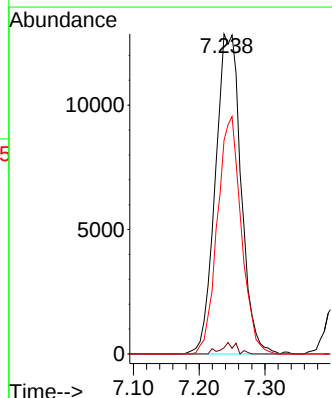
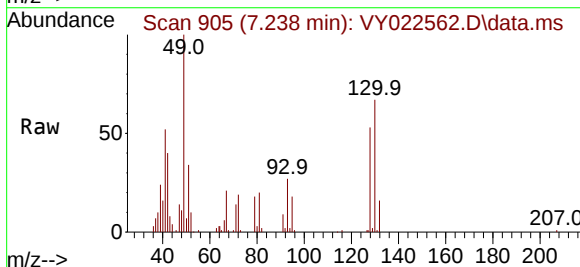
Tgt Ion: 49 Resp: 34931

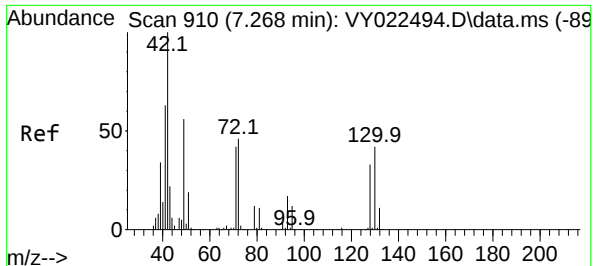
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 69.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 97.717 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

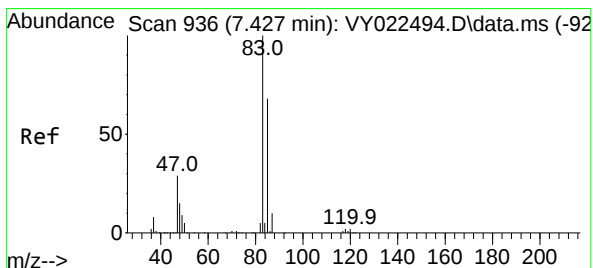
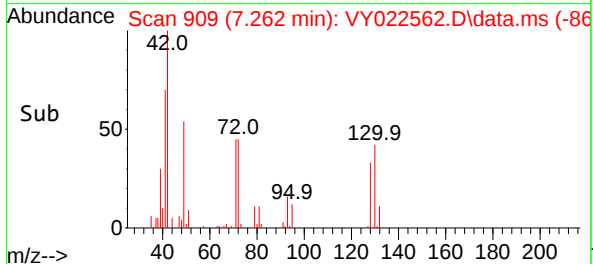
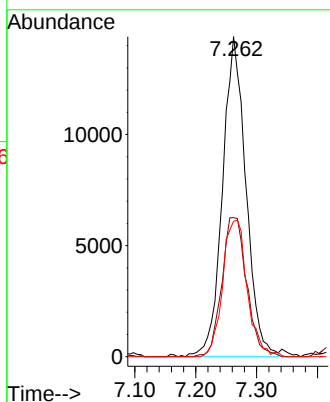
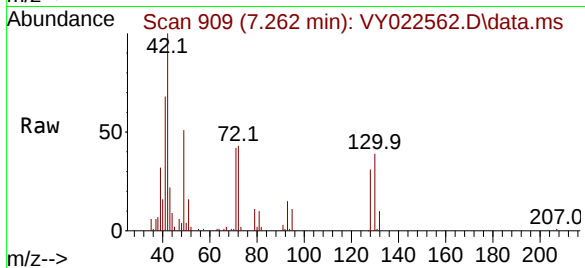
Tgt Ion: 42 Resp: 38399

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.2

71 44.7 34.2 51.2



#30

Chloroform

Concen: 21.248 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022562.D

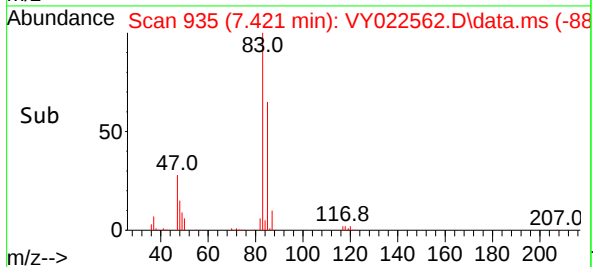
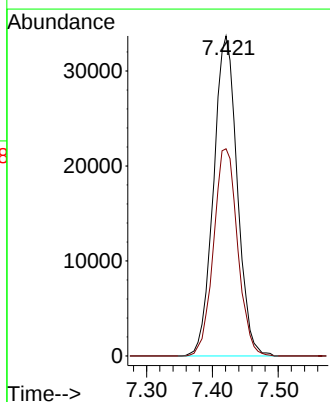
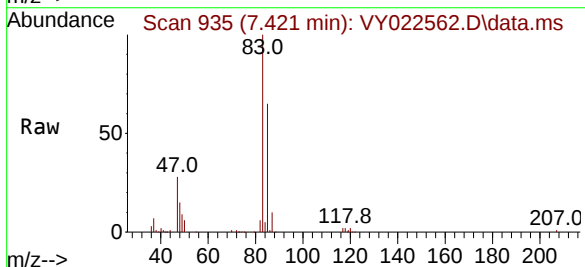
Acq: 05 Jun 2025 09:41

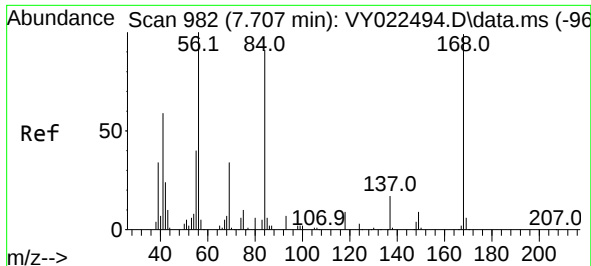
Tgt Ion: 83 Resp: 84488

Ion Ratio Lower Upper

83 100

85 64.7 54.2 81.4

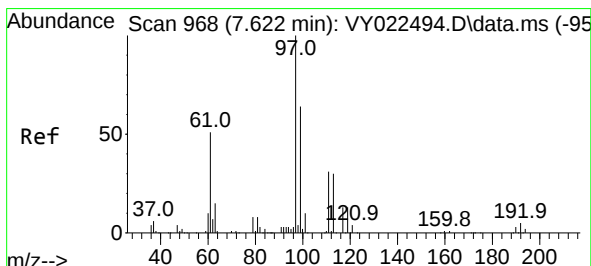
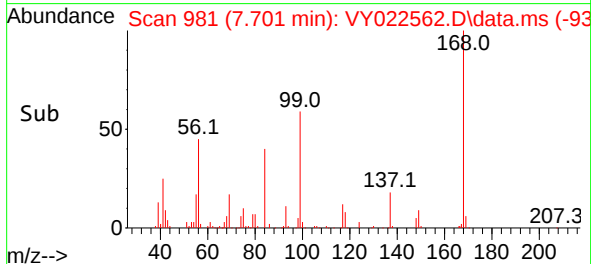
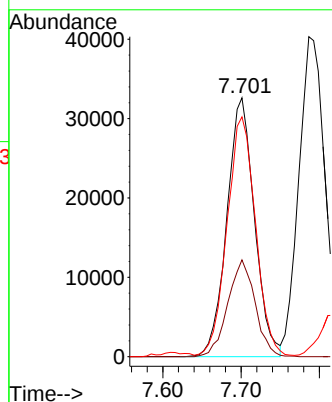
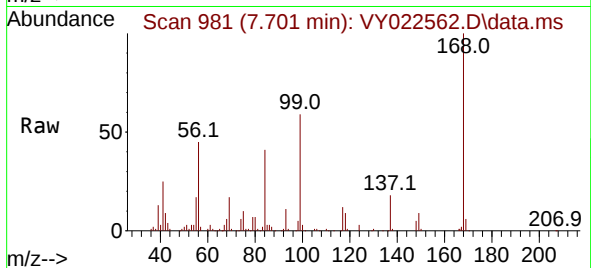




#31
Cyclohexane
Concen: 19.987 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

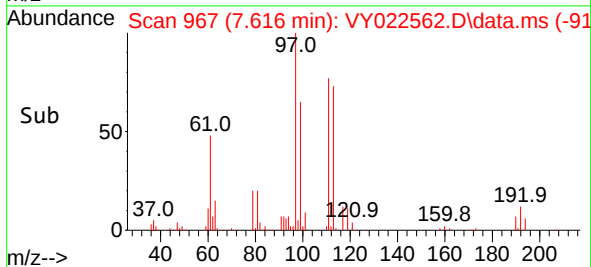
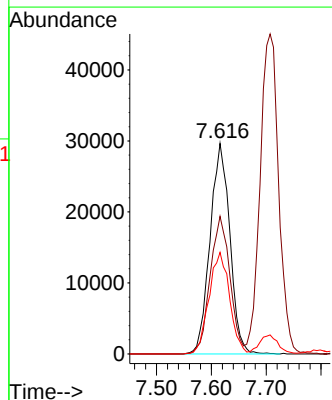
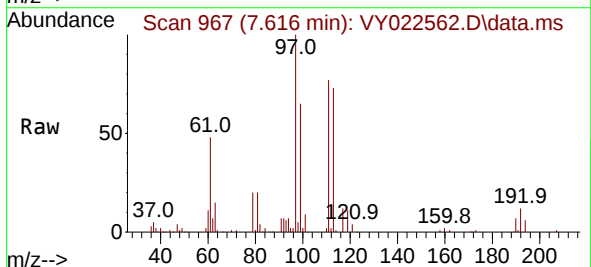
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

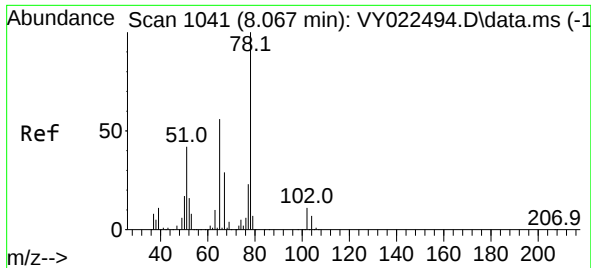
Tgt Ion: 56 Resp: 79881
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 91.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.046 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 97 Resp: 74288
Ion Ratio Lower Upper
97 100
99 65.3 50.9 76.3
61 50.2 38.5 57.7

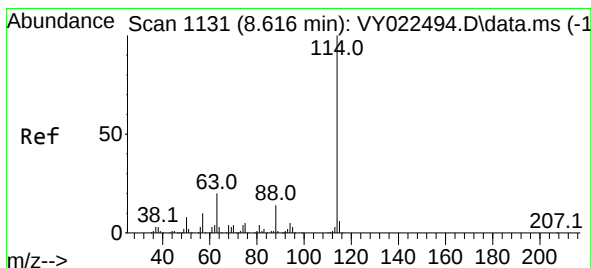
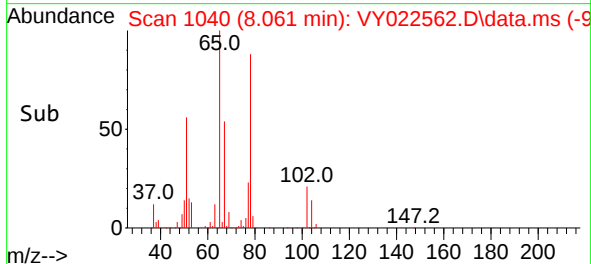
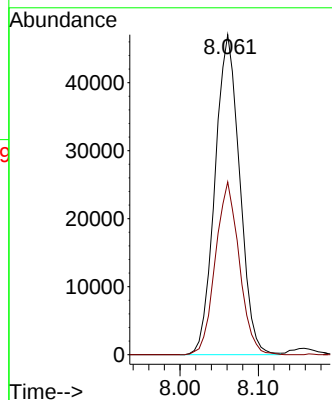
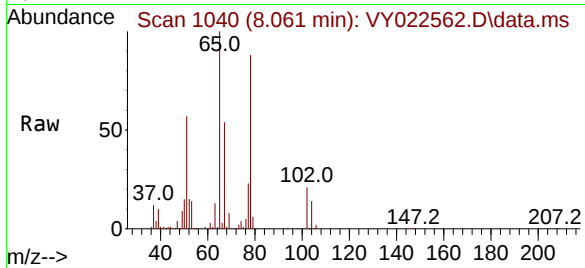




#33
 1,2-Dichloroethane-d4
 Concen: 49.651 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.006 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

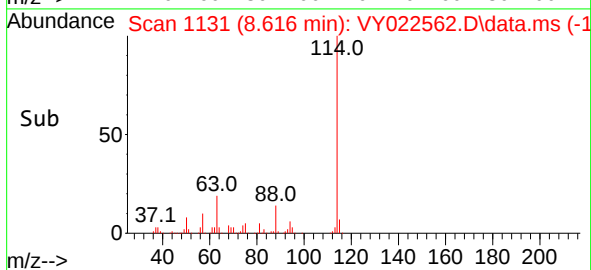
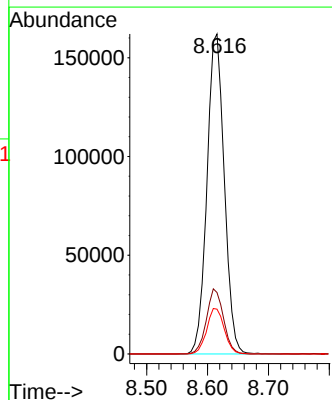
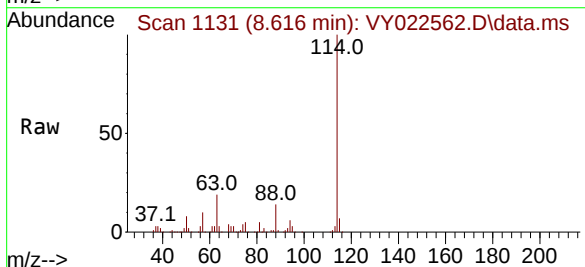
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

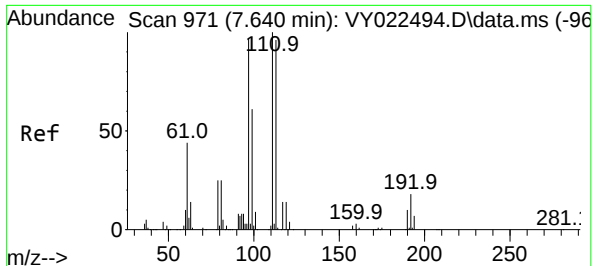
Tgt Ion: 65 Resp: 103268
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

Tgt Ion: 114 Resp: 319893
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 14.0 0.0 27.8

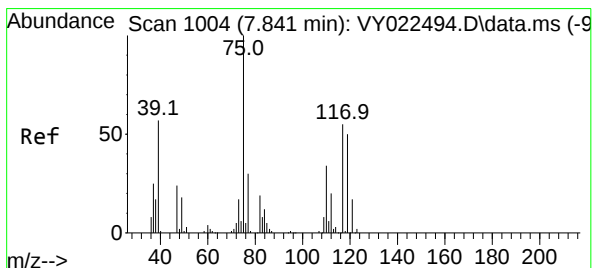
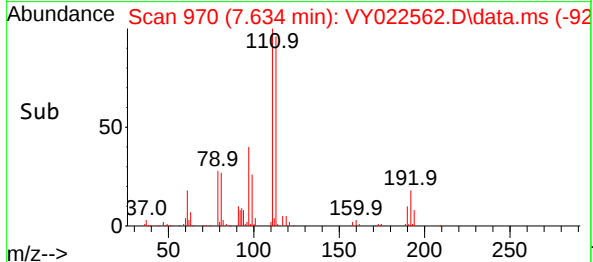
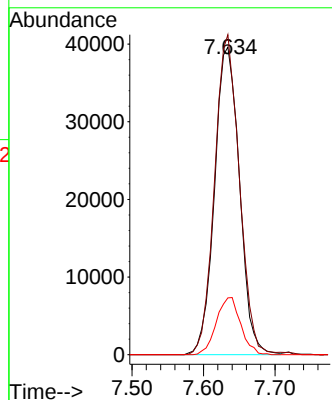
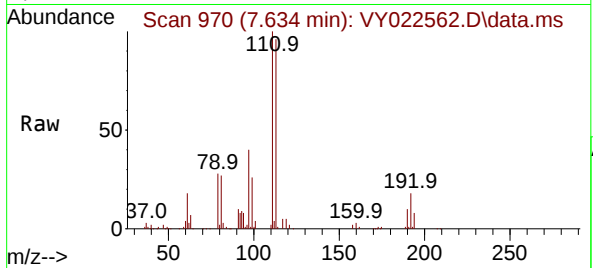




#35
Dibromofluoromethane
Concen: 50.331 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

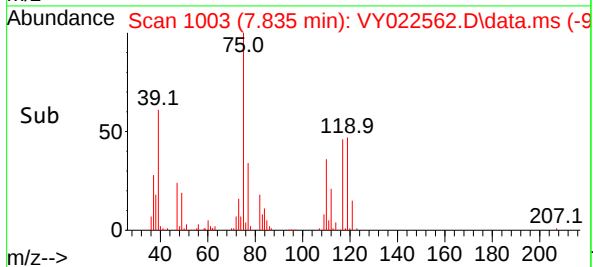
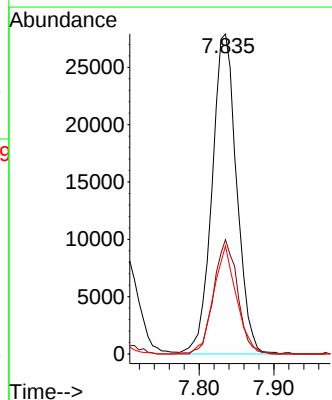
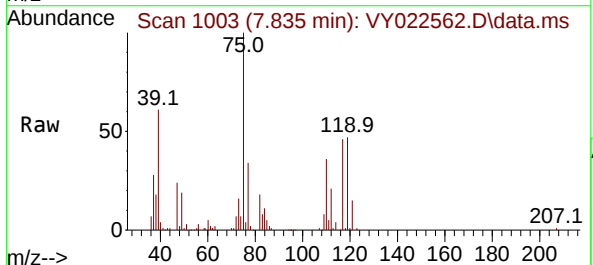
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion:113 Resp: 96100
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 18.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.630 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 75 Resp: 63932
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 20.599 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

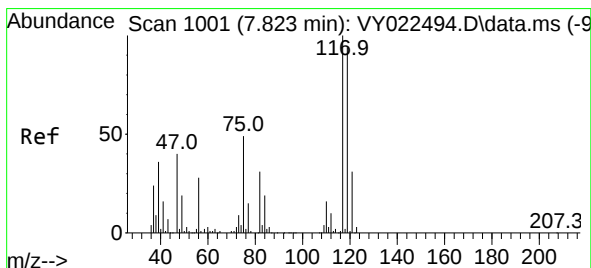
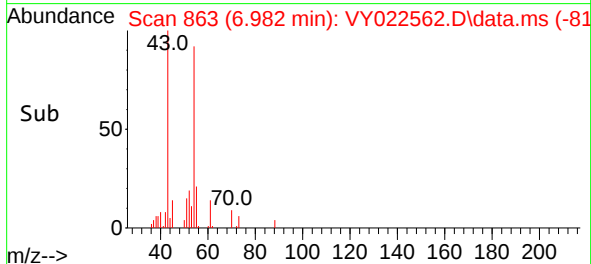
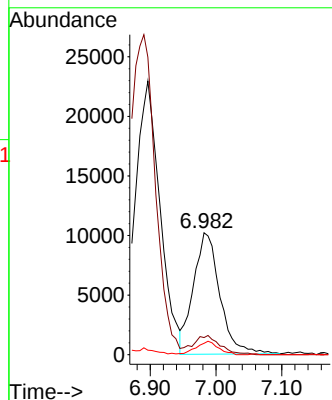
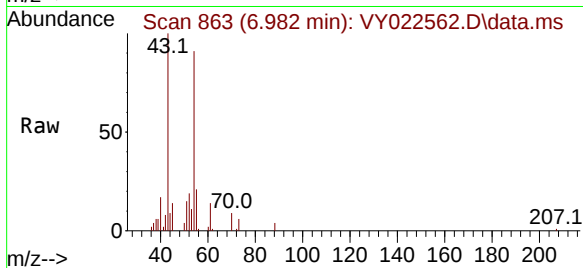
Tgt Ion: 43 Resp: 28467

Ion Ratio Lower Upper

43 100

61 15.6 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.703 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

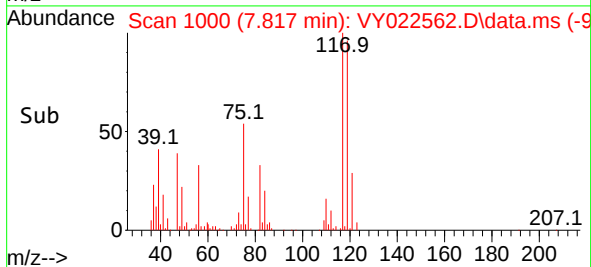
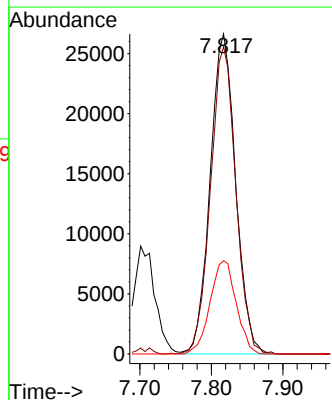
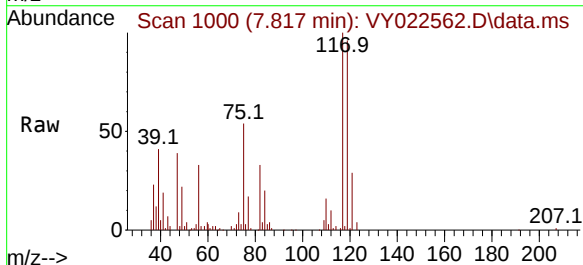
Tgt Ion: 117 Resp: 65817

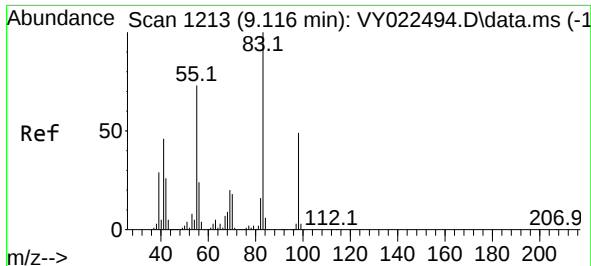
Ion Ratio Lower Upper

117 100

119 96.1 75.0 112.6

121 29.1 25.0 37.4

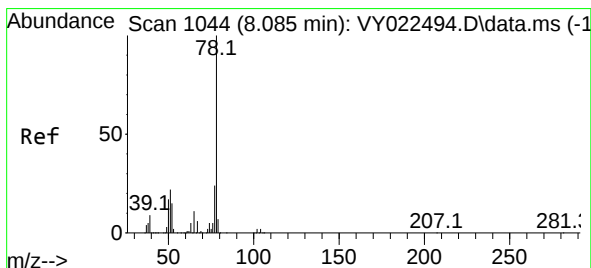
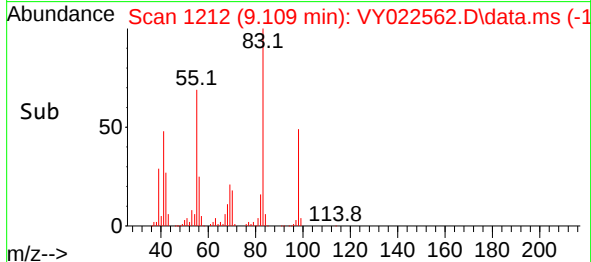
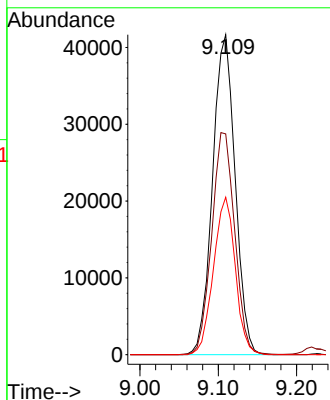
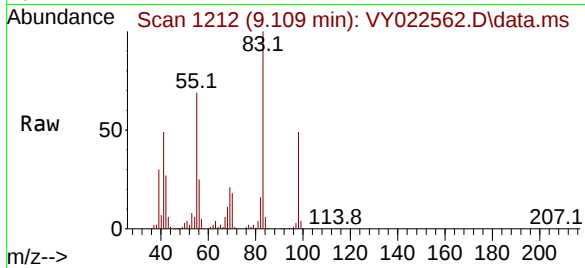




#39
Methylcyclohexane
Concen: 20.031 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

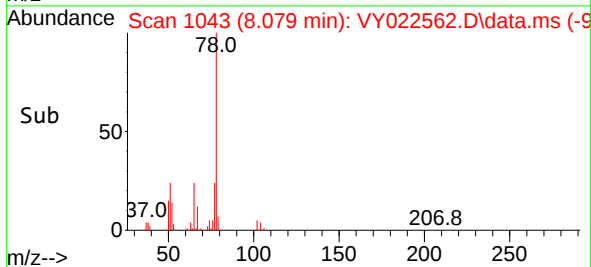
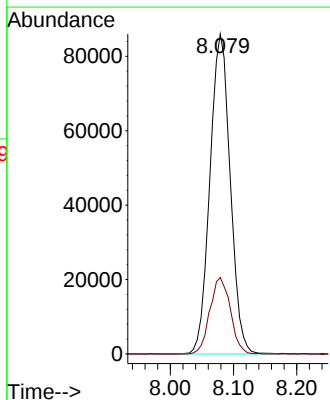
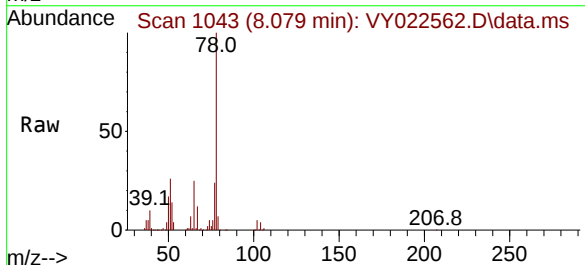
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

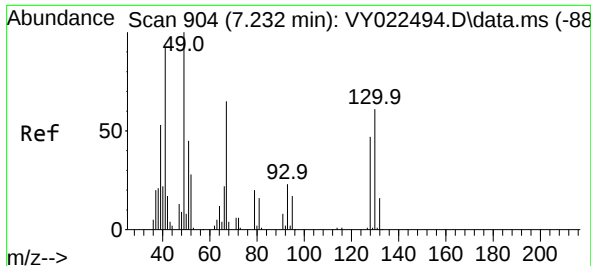
Tgt Ion: 83 Resp: 83418
Ion Ratio Lower Upper
83 100
55 69.0 58.1 87.1
98 49.2 39.0 58.6



#40
Benzene
Concen: 20.908 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 78 Resp: 191373
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

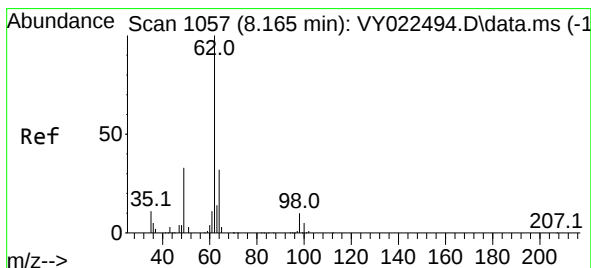
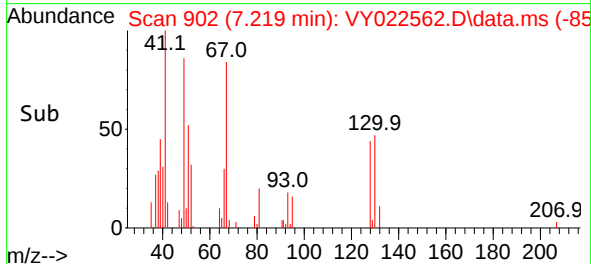
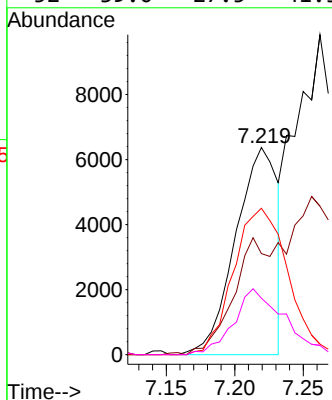
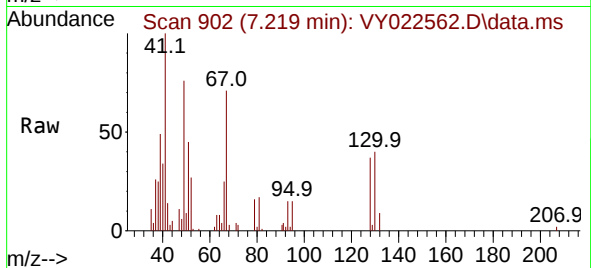




#41
Methacrylonitrile
Concen: 16.854 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

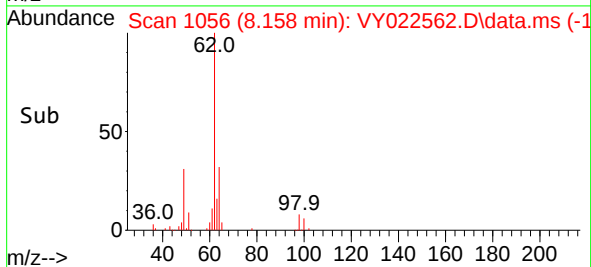
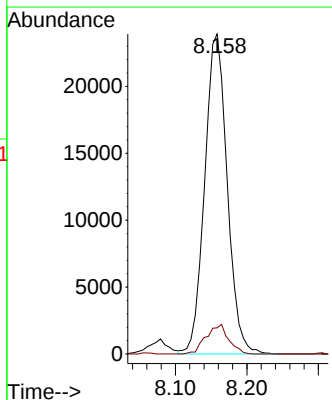
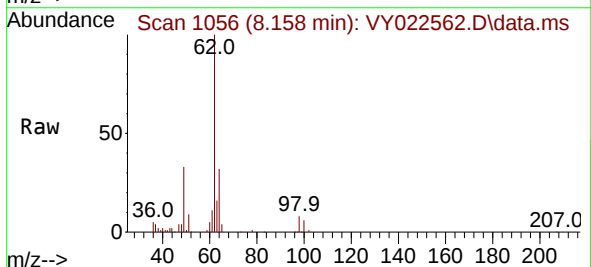
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

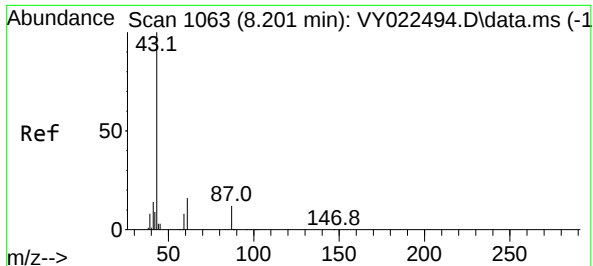
Tgt Ion:	41	Resp:	13605
Ion	Ratio	Lower	Upper
41	100		
39	48.6	46.6	69.8
67	93.0	63.3	94.9
52	39.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.932 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:	62	Resp:	52311
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.099 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

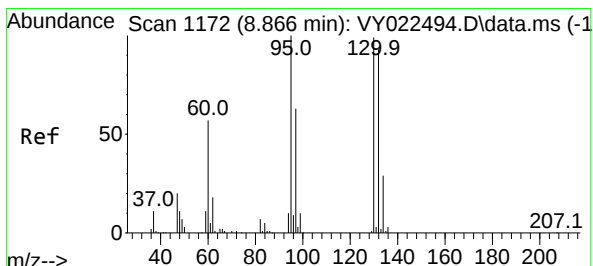
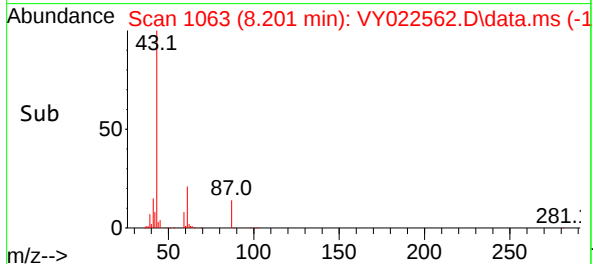
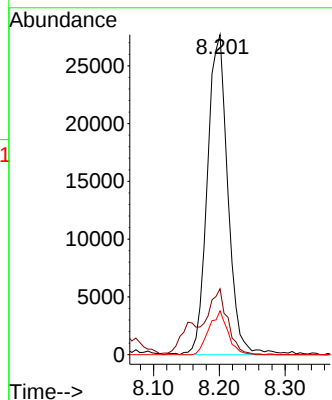
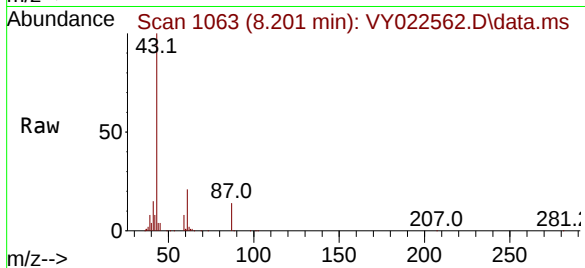
Tgt Ion: 43 Resp: 59989

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

87 12.7 10.2 15.4



#44

Trichloroethene

Concen: 20.615 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022562.D

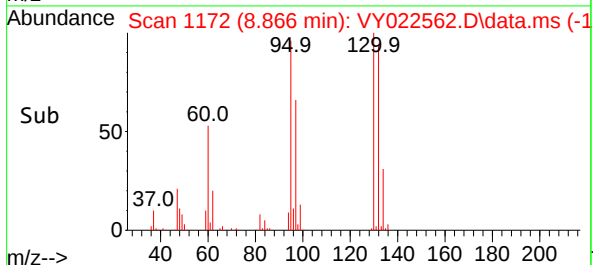
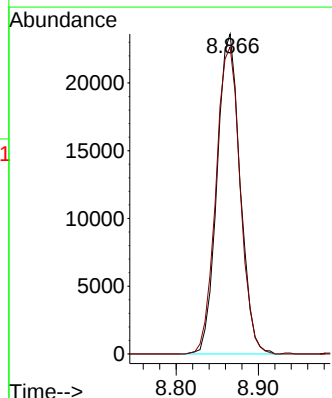
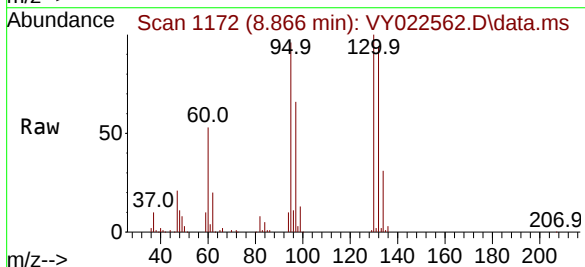
Acq: 05 Jun 2025 09:41

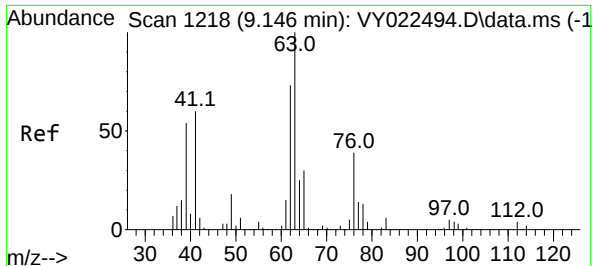
Tgt Ion:130 Resp: 46117

Ion Ratio Lower Upper

130 100

95 95.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.924 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

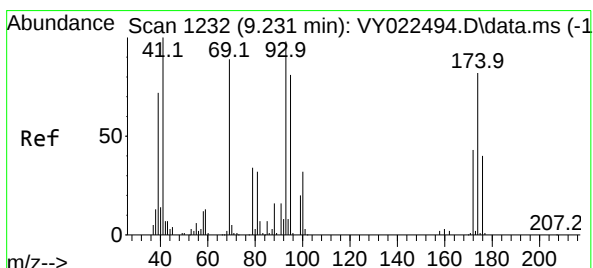
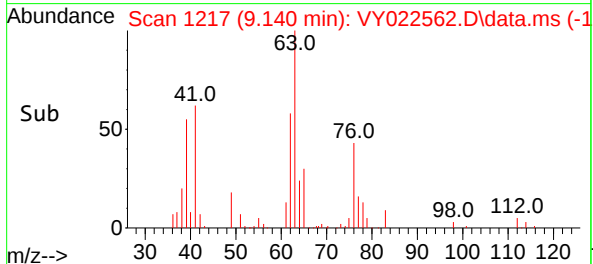
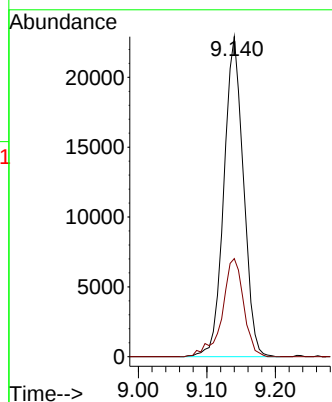
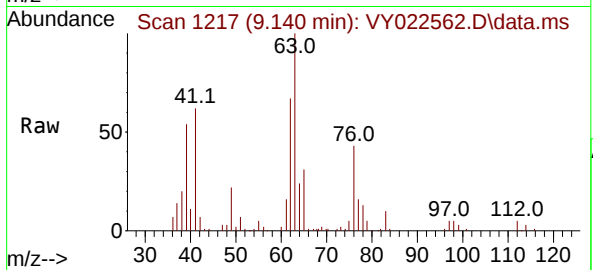
VY0605SBS01

Tgt Ion: 63 Resp: 45262

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



#46

Dibromomethane

Concen: 20.099 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

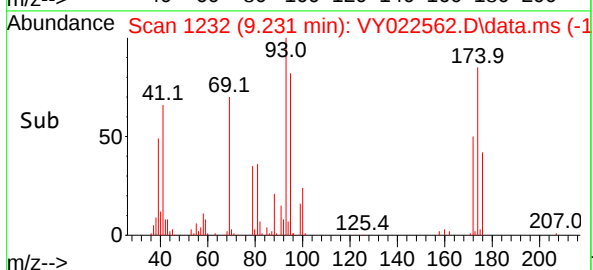
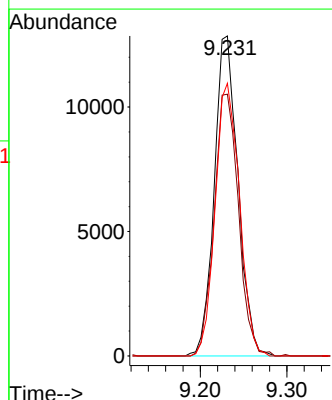
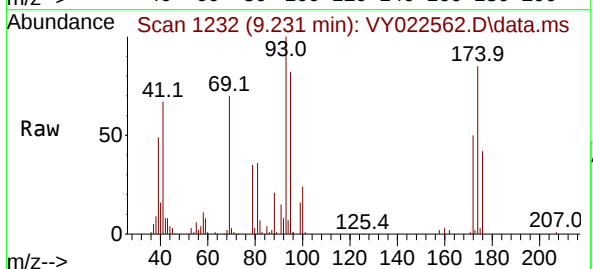
Tgt Ion: 93 Resp: 24460

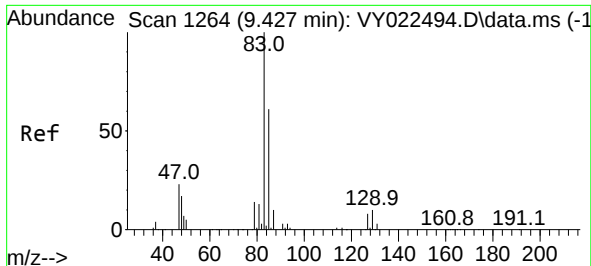
Ion Ratio Lower Upper

93 100

95 84.0 65.6 98.4

174 87.3 70.4 105.6

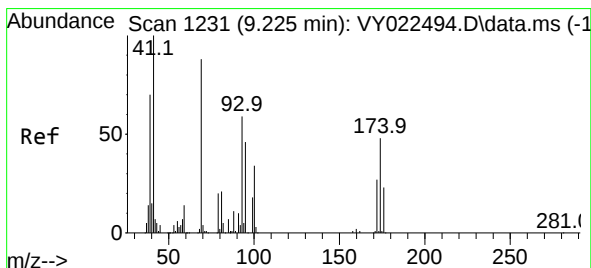
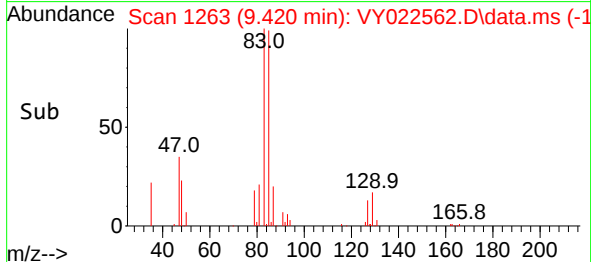
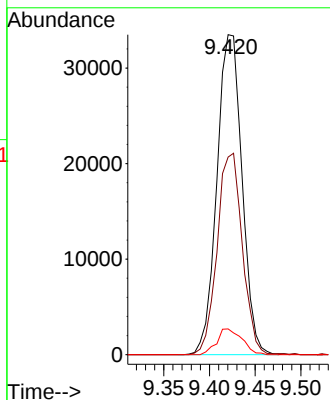
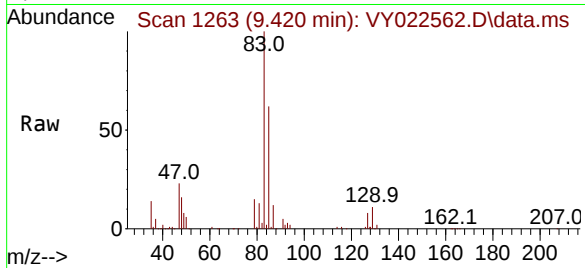




#47
Bromodichloromethane
Concen: 20.783 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

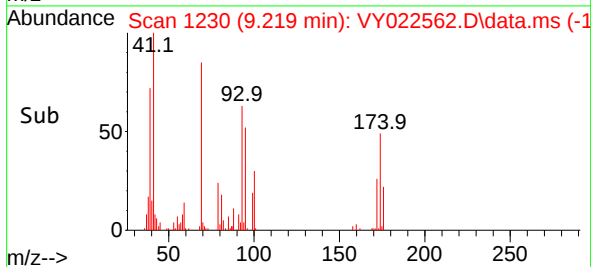
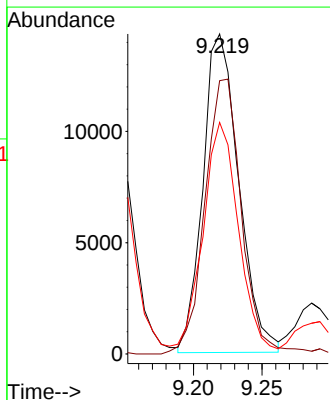
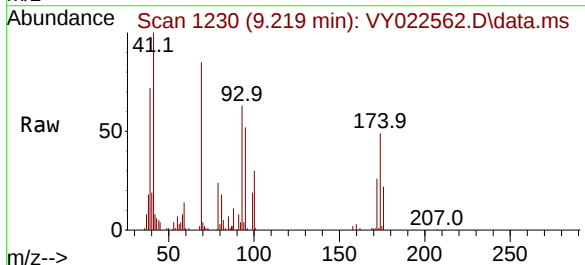
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

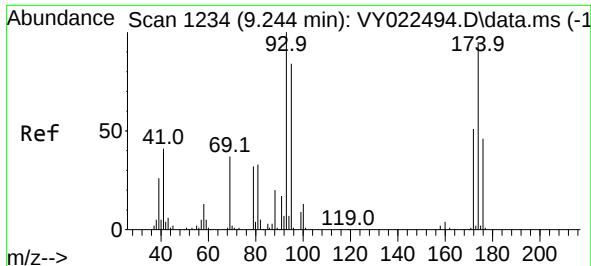
Tgt Ion: 83 Resp: 64131
Ion Ratio Lower Upper
83 100
85 61.7 49.1 73.7
127 8.1 6.2 9.4



#48
Methyl methacrylate
Concen: 18.649 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 41 Resp: 26124
Ion Ratio Lower Upper
41 100
69 88.3 67.8 101.8
39 68.8 55.0 82.4





#49

1,4-Dioxane

Concen: 393.970 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

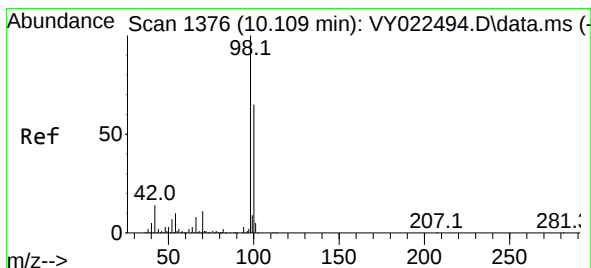
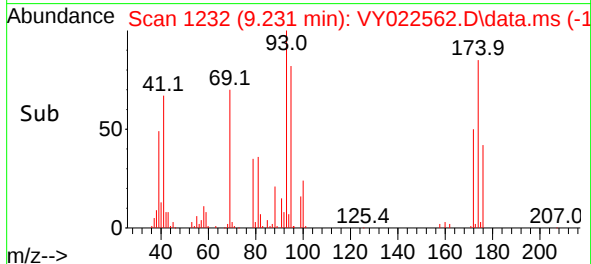
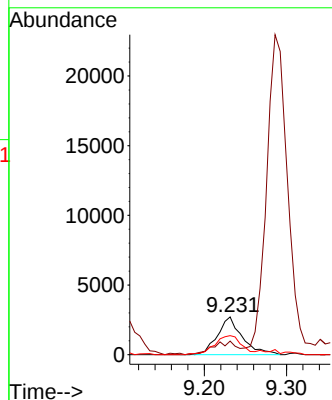
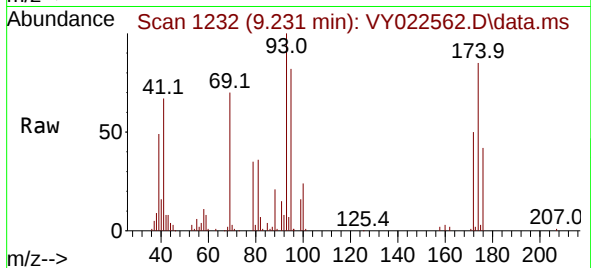
Tgt Ion: 88 Resp: 5680

Ion Ratio Lower Upper

88 100

43 33.2 25.4 38.2

58 55.0 54.9 82.3



#50

Toluene-d8

Concen: 50.464 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022562.D

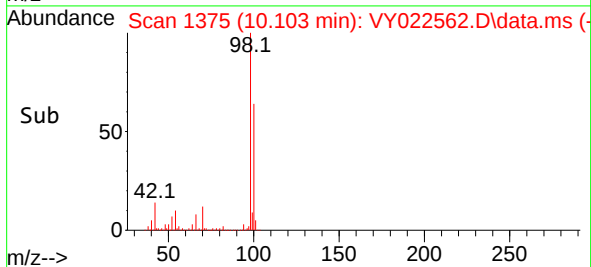
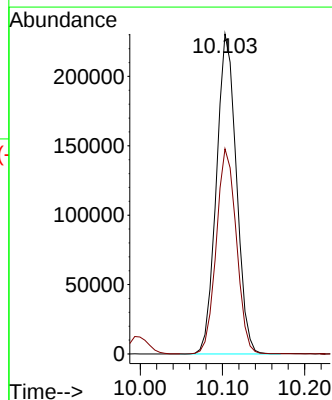
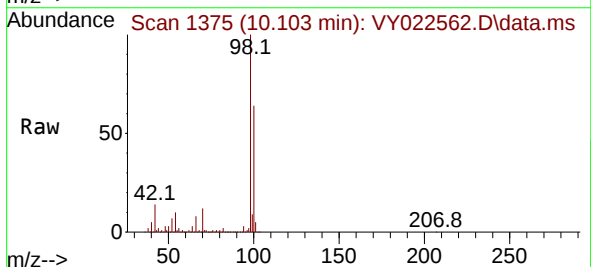
Acq: 05 Jun 2025 09:41

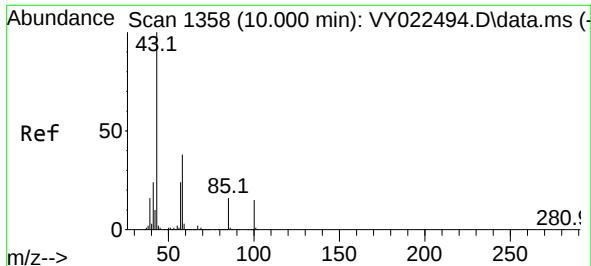
Tgt Ion: 98 Resp: 389337

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0

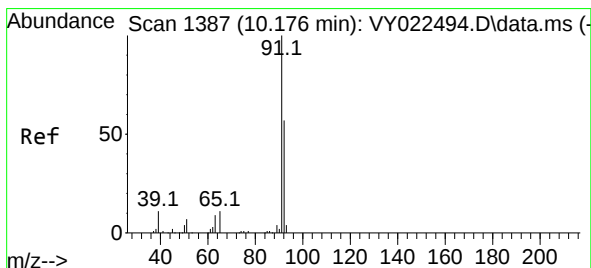
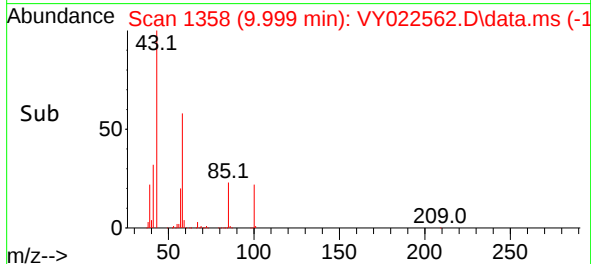
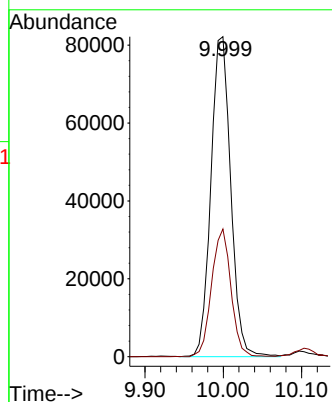
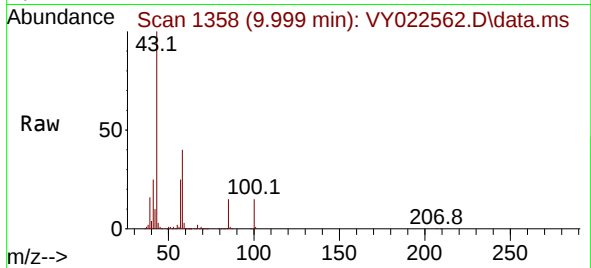




#51
4-Methyl-2-Pentanone
Concen: 97.196 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

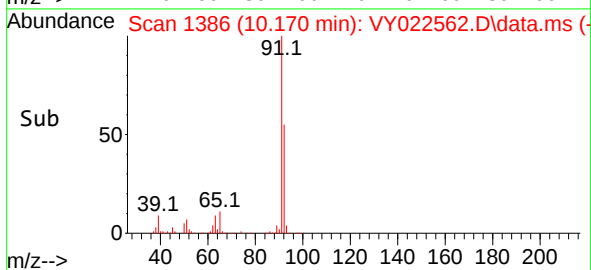
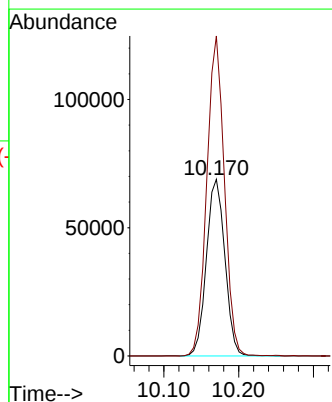
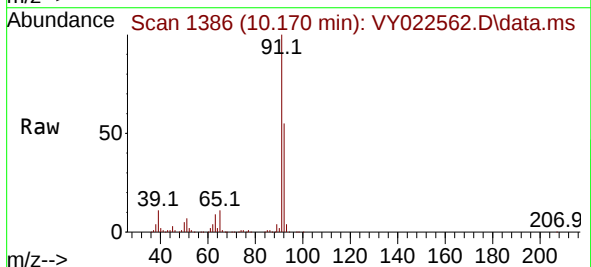
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

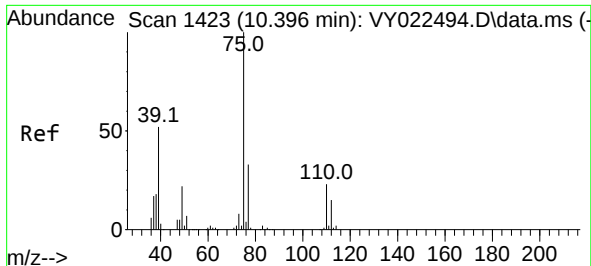
Tgt Ion: 43 Resp: 144633
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6



#52
Toluene
Concen: 20.538 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 92 Resp: 118135
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.4

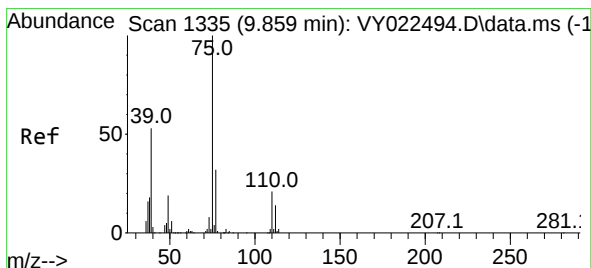
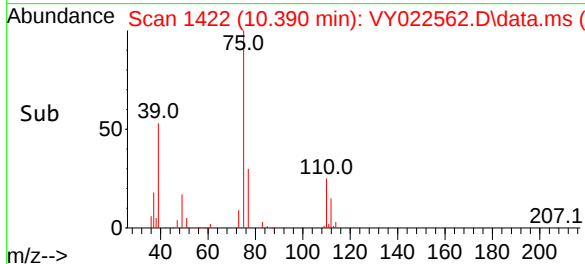
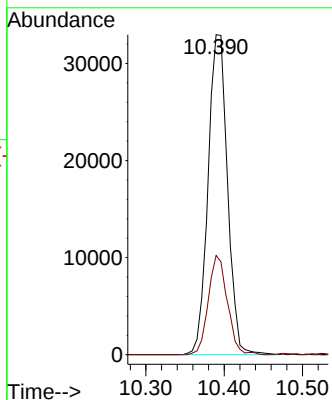
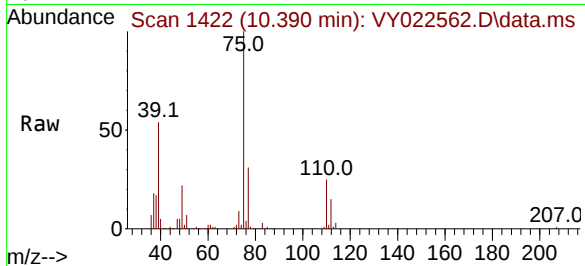




#53
t-1,3-Dichloropropene
Concen: 19.655 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

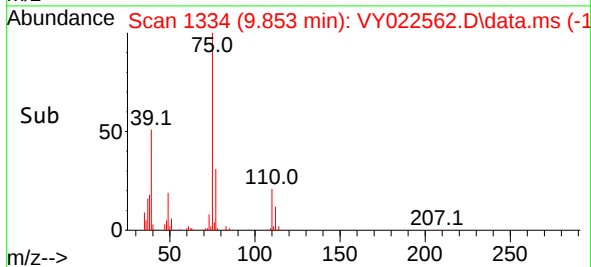
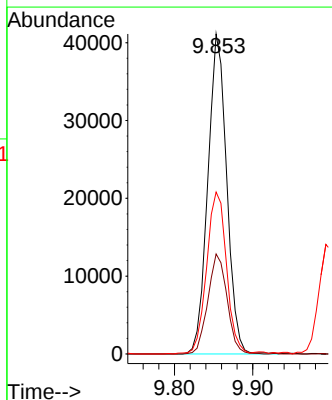
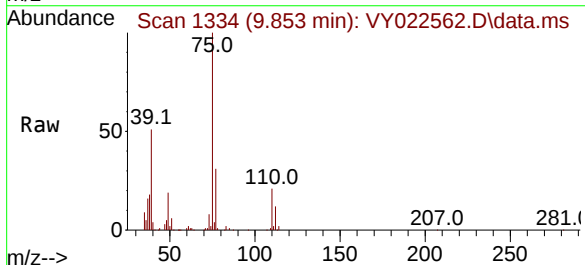
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

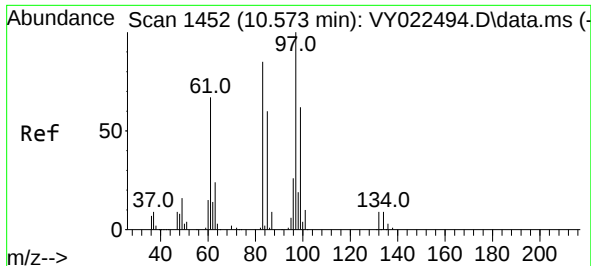
Tgt Ion: 75 Resp: 56828
Ion Ratio Lower Upper
75 100
77 31.0 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.445 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 75 Resp: 68811
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 50.4 42.7 64.1

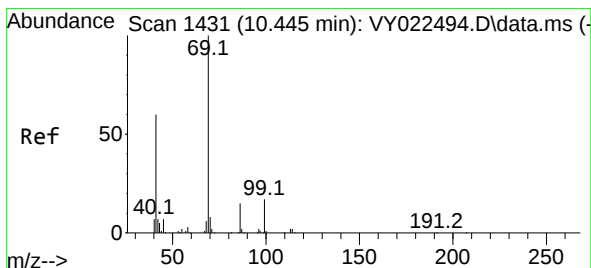
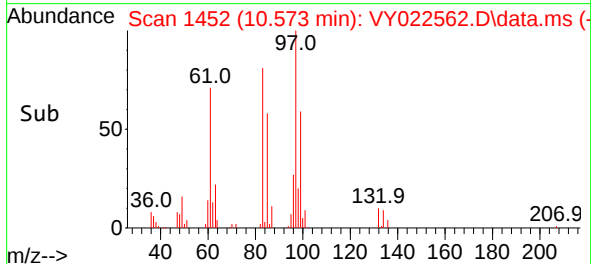
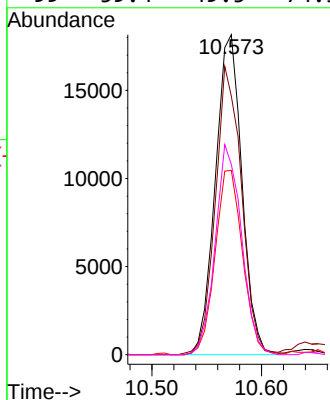
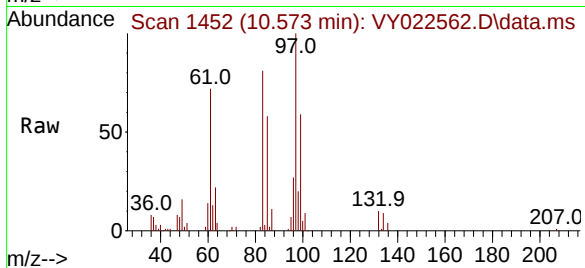




#55
1,1,2-Trichloroethane
Concen: 19.730 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

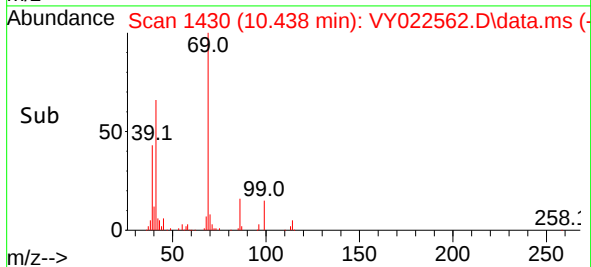
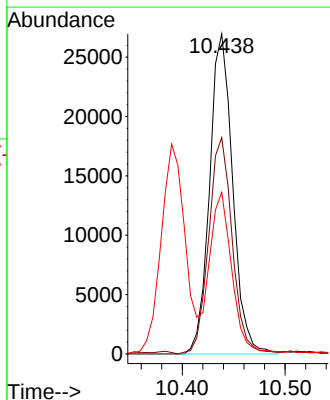
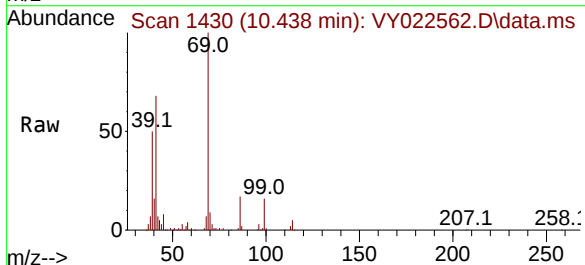
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

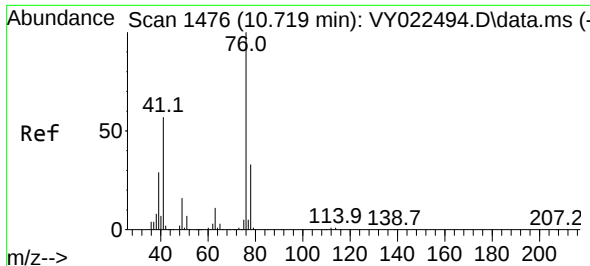
Tgt Ion:	97	Resp:	30617
Ion	Ratio	Lower	Upper
97	100		
83	80.8	68.1	102.1
85	57.6	48.2	72.2
99	59.4	49.5	74.3



#56
Ethyl methacrylate
Concen: 18.748 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:	69	Resp:	42048
Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.2	78.2
39	48.2	36.7	55.1





#57

1,3-Dichloropropane

Concen: 19.749 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

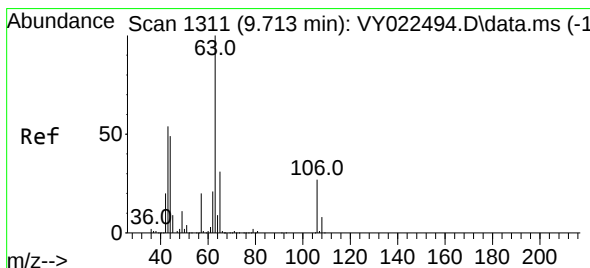
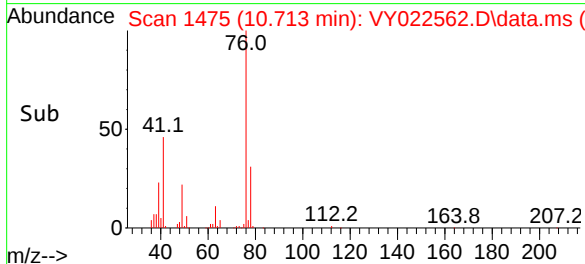
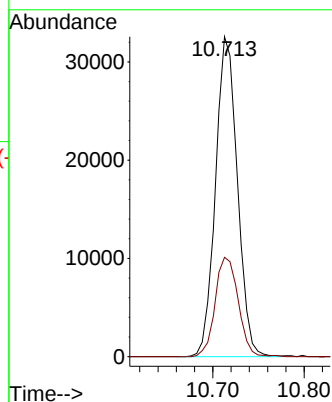
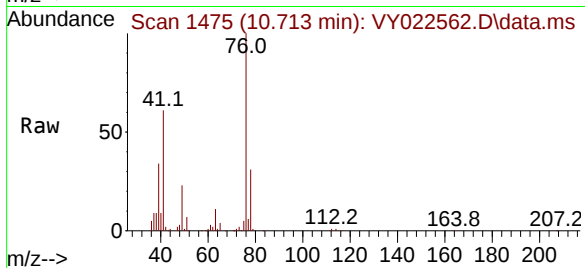
VY0605SBS01

Tgt Ion: 76 Resp: 54317

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.114 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022562.D

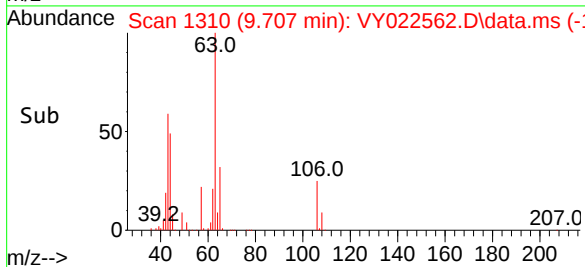
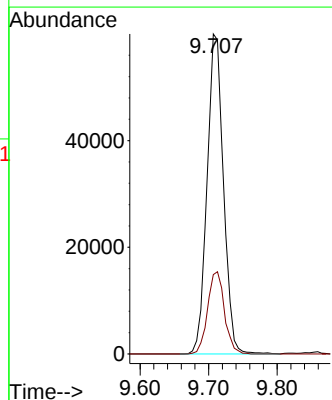
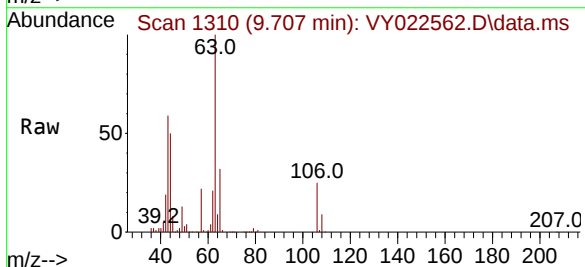
Acq: 05 Jun 2025 09:41

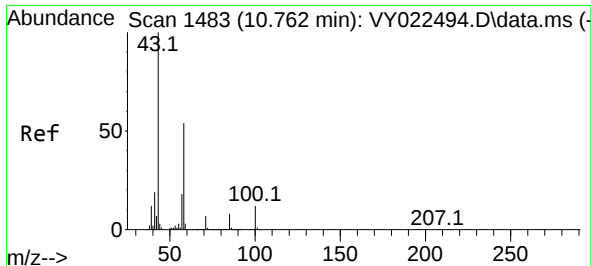
Tgt Ion: 63 Resp: 99909

Ion Ratio Lower Upper

63 100

106 26.3 21.6 32.4

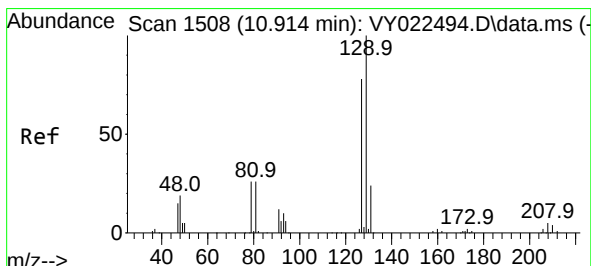
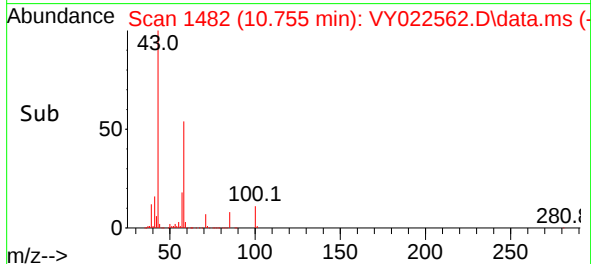
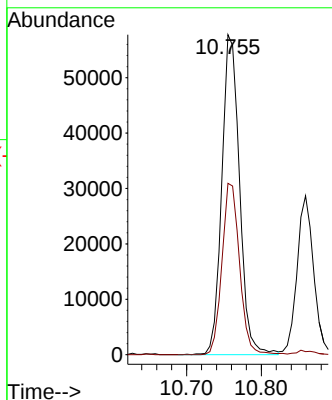
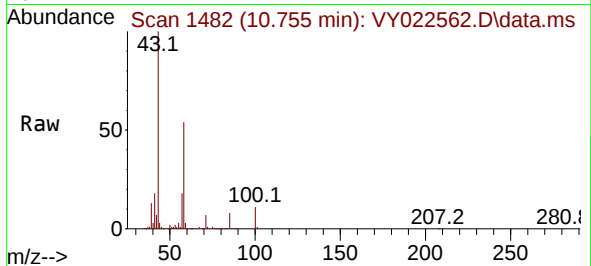




#59
2-Hexanone
Concen: 95.797 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

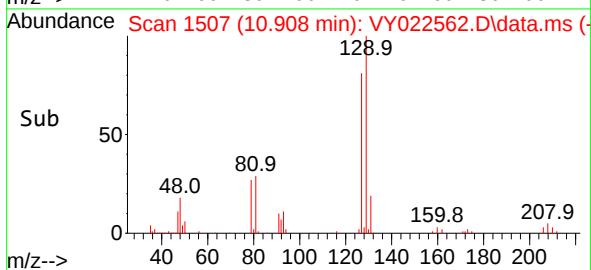
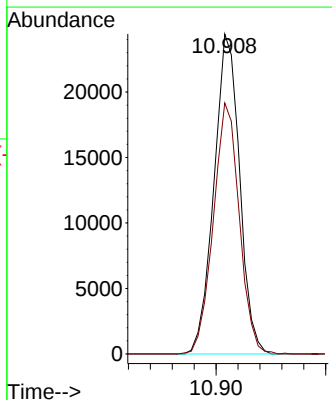
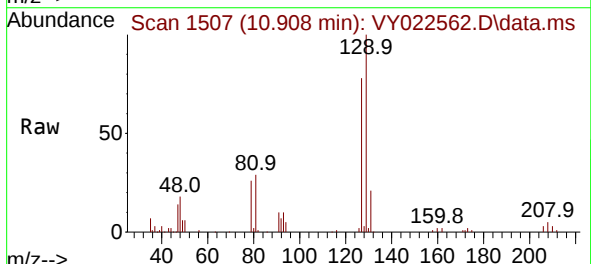
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

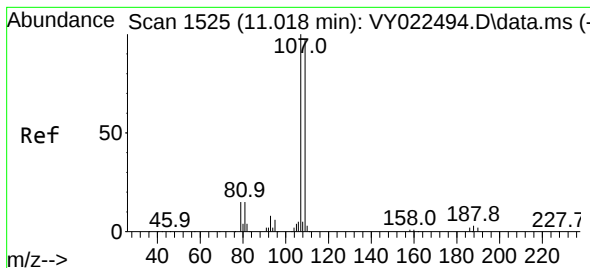
Tgt Ion: 43 Resp: 95337
Ion Ratio Lower Upper
43 100
58 53.3 27.3 81.8



#60
Dibromochloromethane
Concen: 20.094 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 129 Resp: 39626
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2

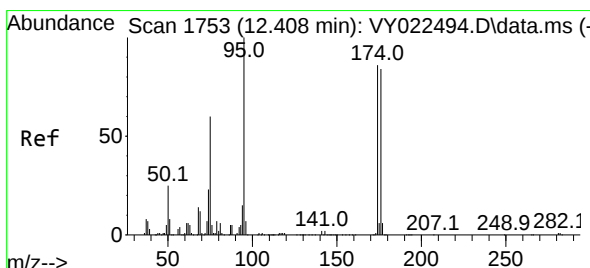
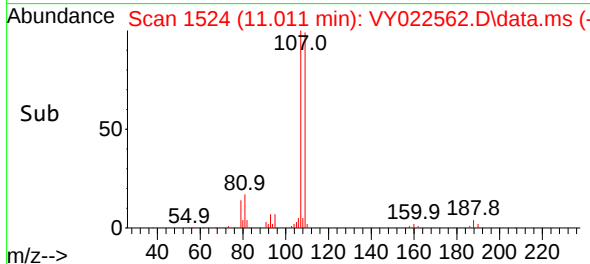
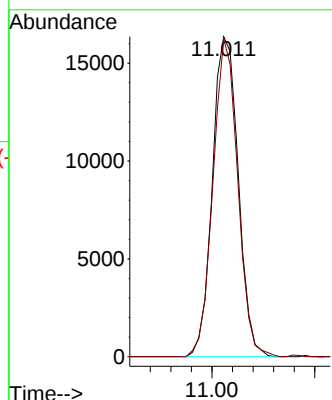
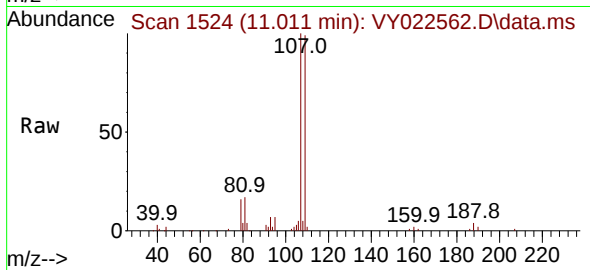




#61
1,2-Dibromoethane
Concen: 20.112 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

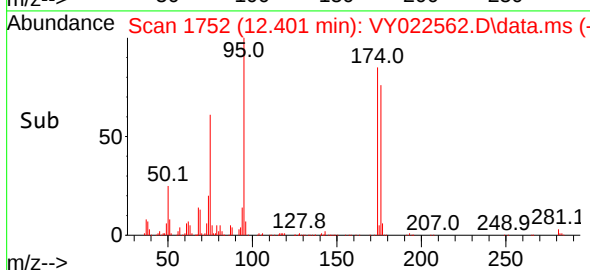
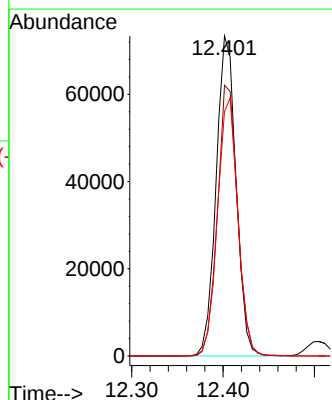
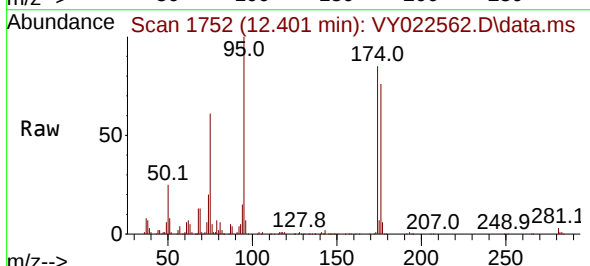
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

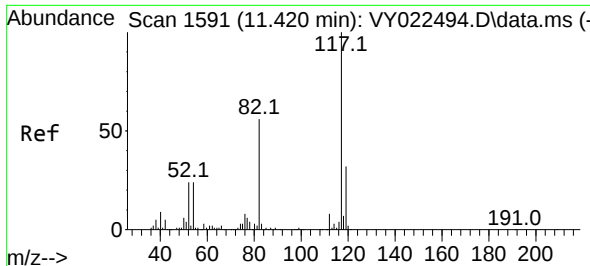
Tgt Ion:107 Resp: 28445
Ion Ratio Lower Upper
107 100
109 95.3 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.286 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 95 Resp: 110996
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.0
176 82.3 0.0 166.2

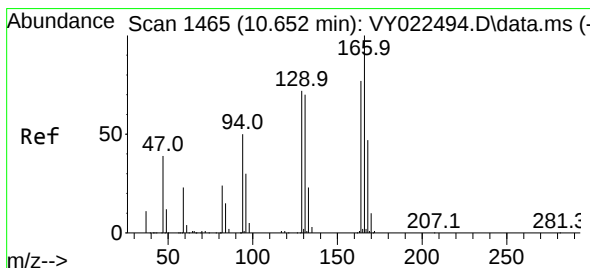
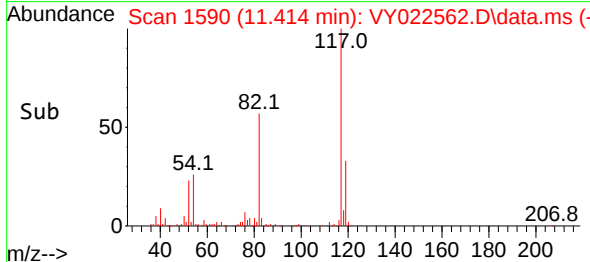
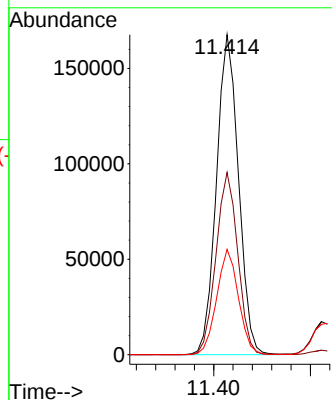
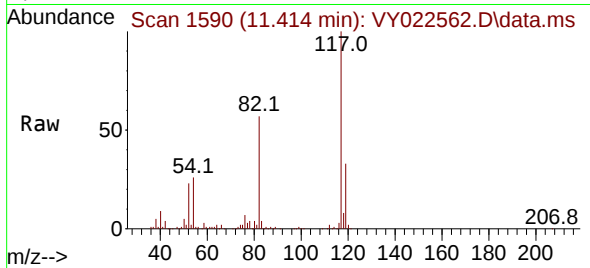




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

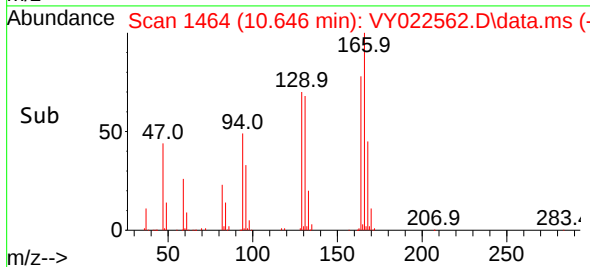
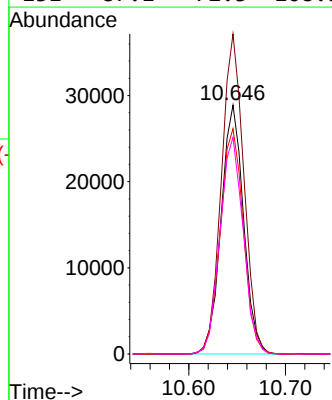
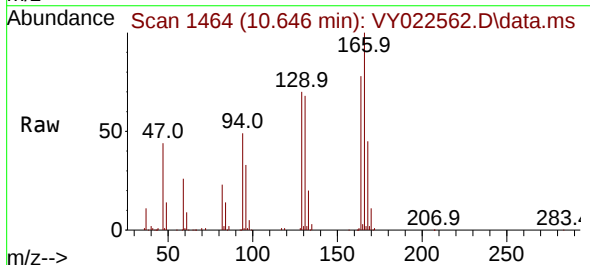
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

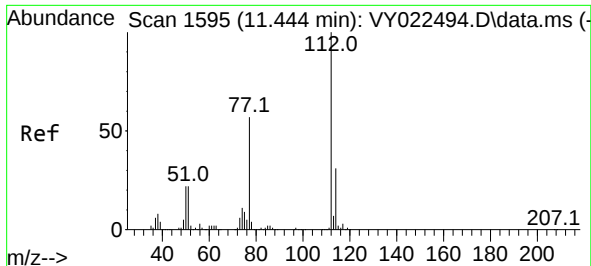
Tgt Ion:117 Resp: 265176
Ion Ratio Lower Upper
117 100
82 56.9 44.6 66.8
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 20.364 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:164 Resp: 46452
Ion Ratio Lower Upper
164 100
166 128.6 104.0 156.0
129 90.5 74.5 111.7
131 87.1 72.3 108.5

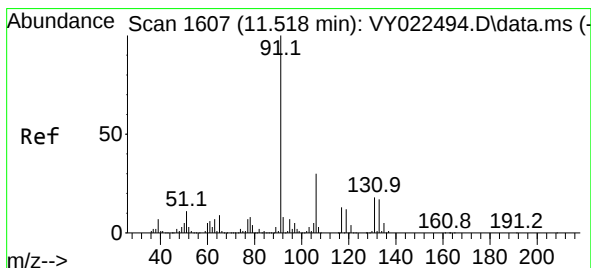
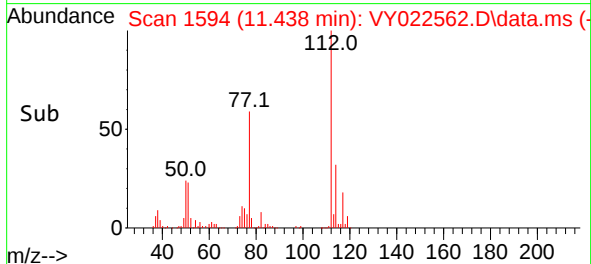
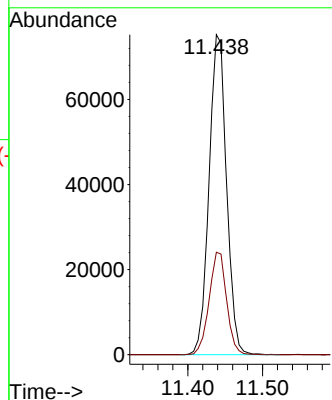
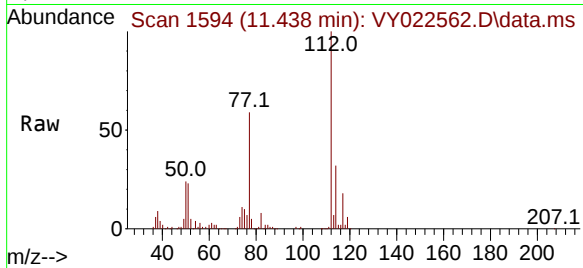




#65
Chlorobenzene
Concen: 20.794 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

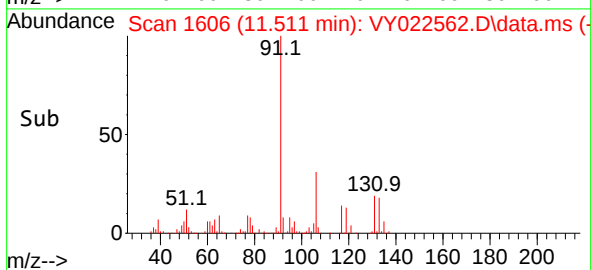
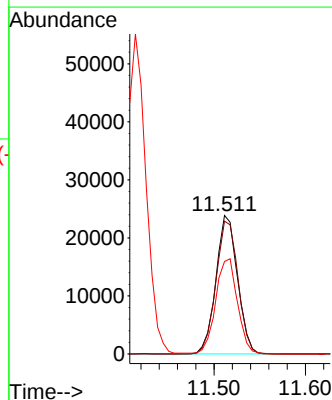
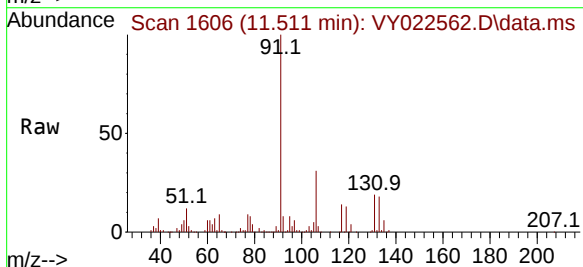
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion:112 Resp: 122017
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.795 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:131 Resp: 39130
Ion Ratio Lower Upper
131 100
133 98.3 47.3 141.8
119 69.5 33.1 99.3





#67

Ethyl Benzene

Concen: 20.226 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

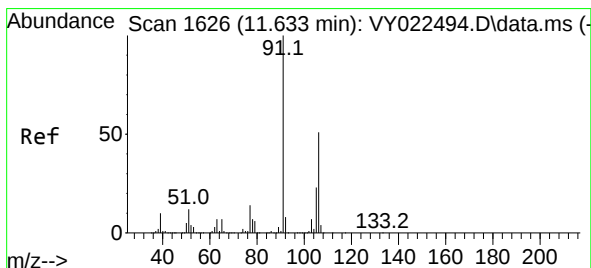
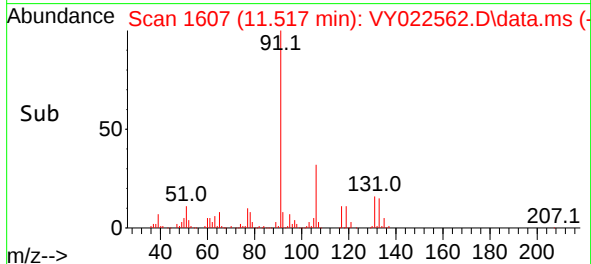
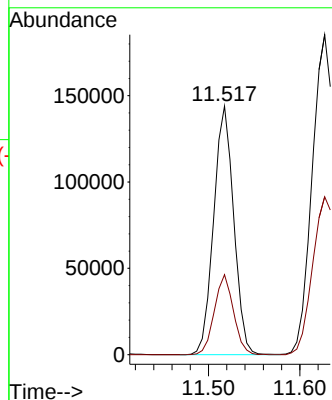
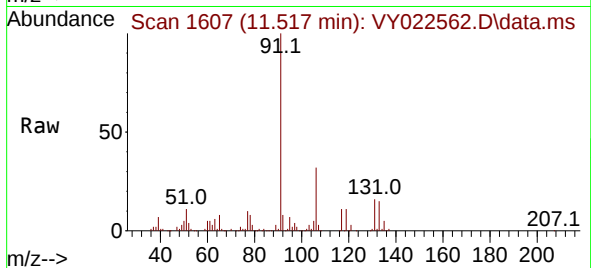
VY0605SBS01

Tgt Ion: 91 Resp: 220134

Ion Ratio Lower Upper

91 100

106 32.1 24.2 36.4



#68

m/p-Xylenes

Concen: 39.899 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022562.D

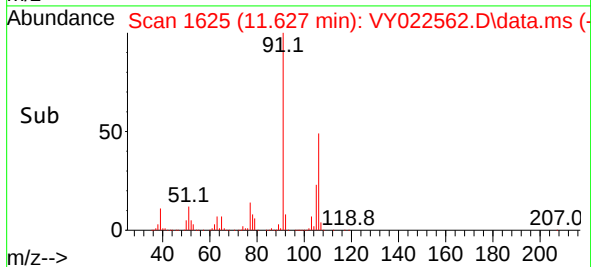
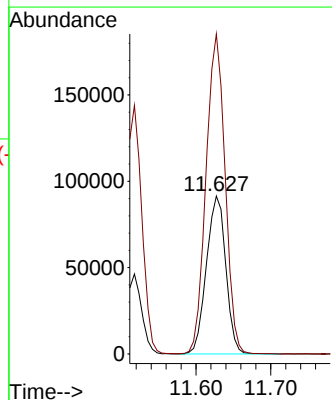
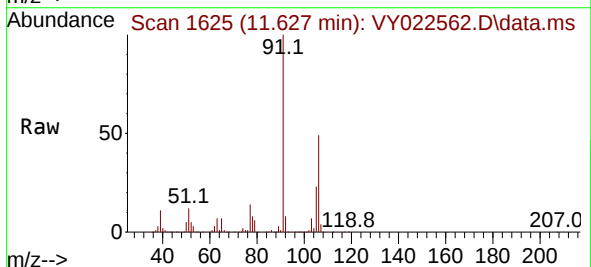
Acq: 05 Jun 2025 09:41

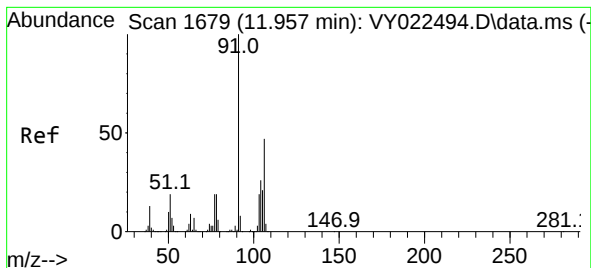
Tgt Ion: 106 Resp: 164620

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.0

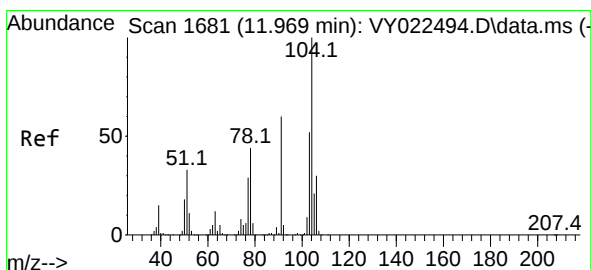
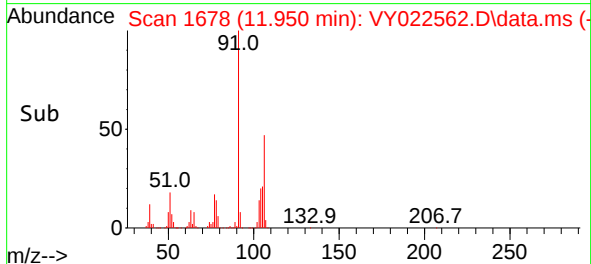
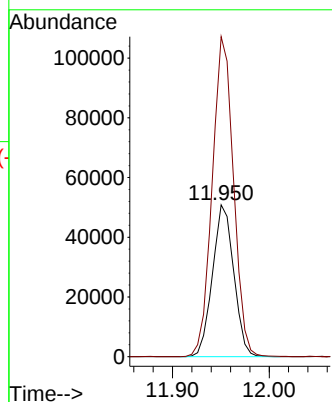
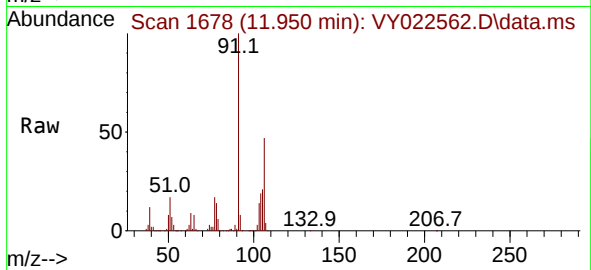




#69
o-Xylene
Concen: 20.082 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

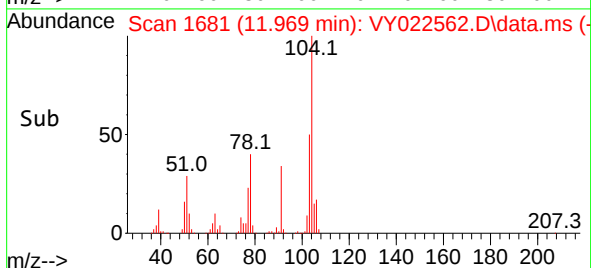
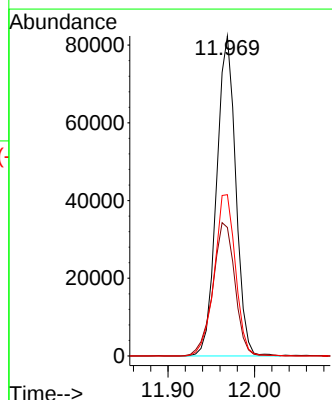
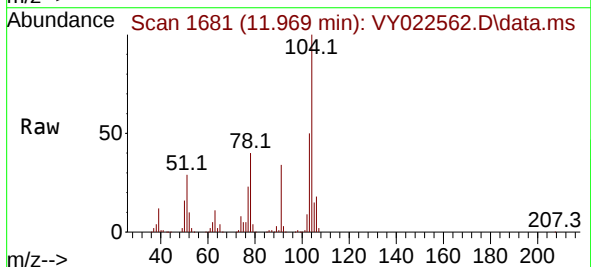
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

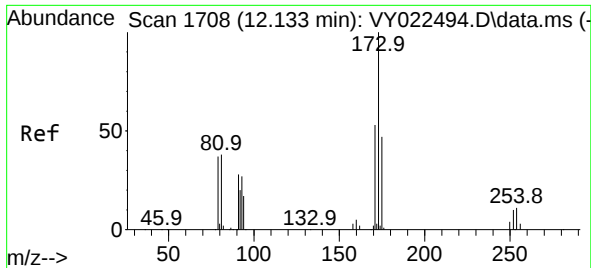
Tgt Ion:106 Resp: 77686
Ion Ratio Lower Upper
106 100
91 211.1 105.8 317.3



#70
Styrene
Concen: 19.754 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:104 Resp: 126313
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 56.0 44.1 66.1

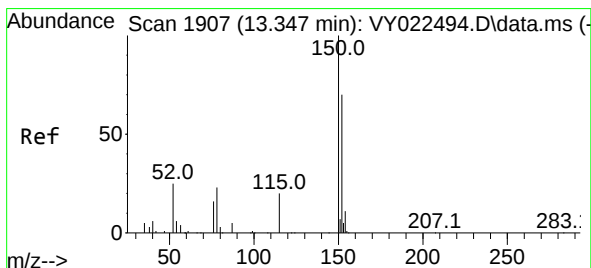
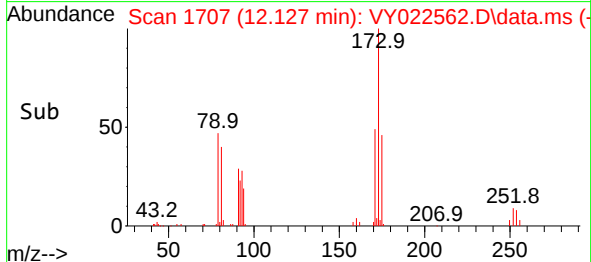
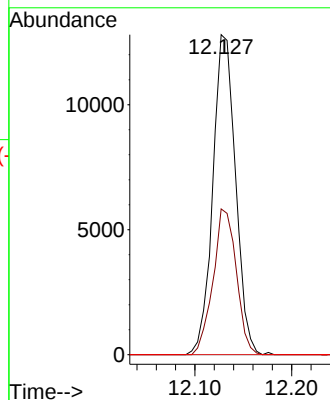
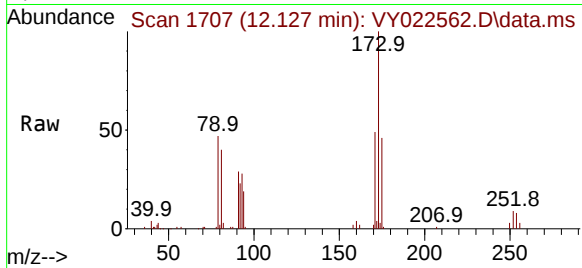




#71
Bromoform
Concen: 19.876 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

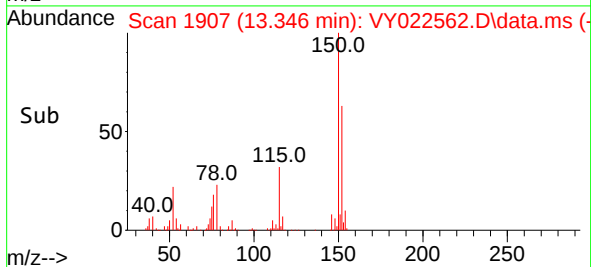
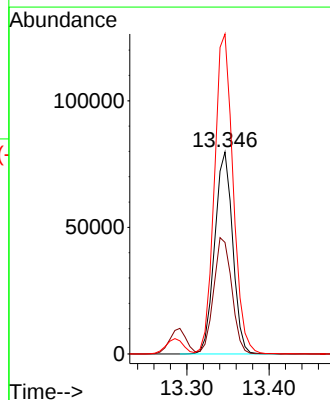
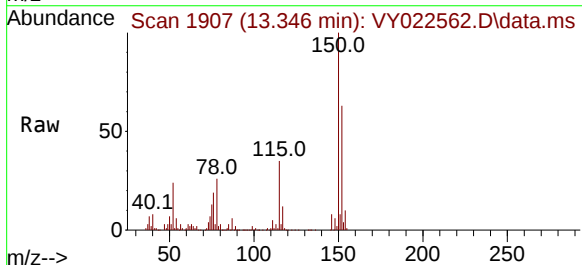
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

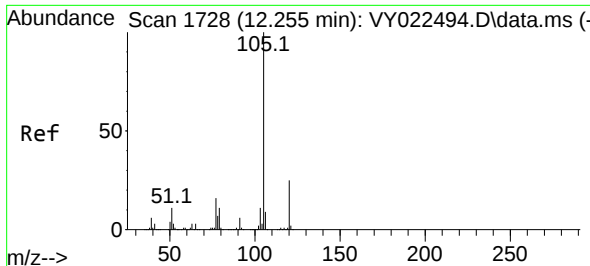
Tgt Ion:173 Resp: 20908
Ion Ratio Lower Upper
173 100
175 46.5 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion:152 Resp: 121174
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.7
150 164.8 0.0 349.6

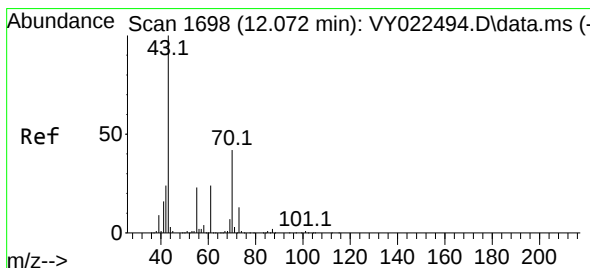
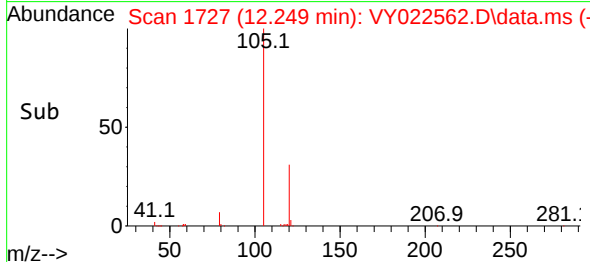
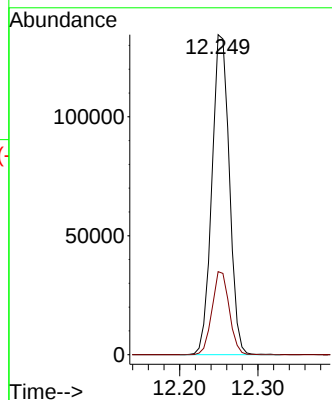
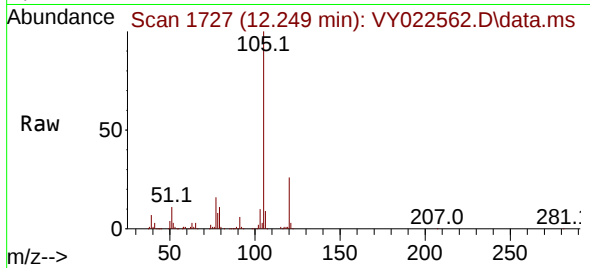




#73
Isopropylbenzene
Concen: 20.870 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

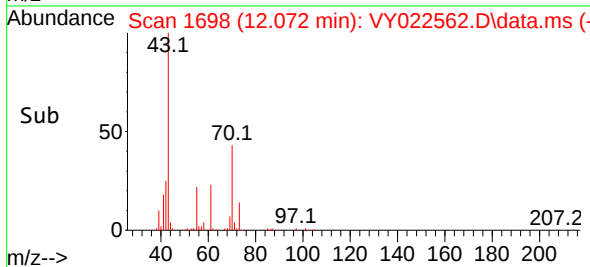
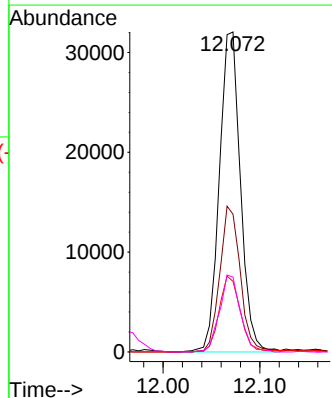
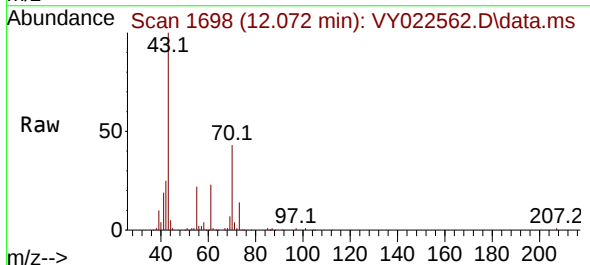
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

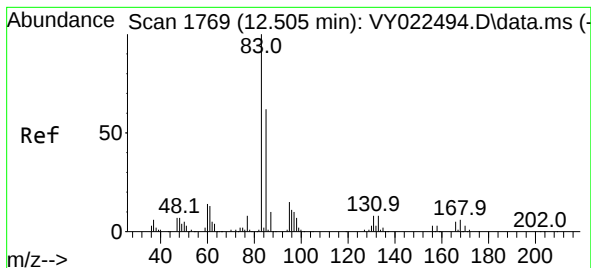
Tgt Ion:105 Resp: 207625
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 19.335 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 43 Resp: 48535
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 24.0 18.2 27.4
61 23.8 19.0 28.6

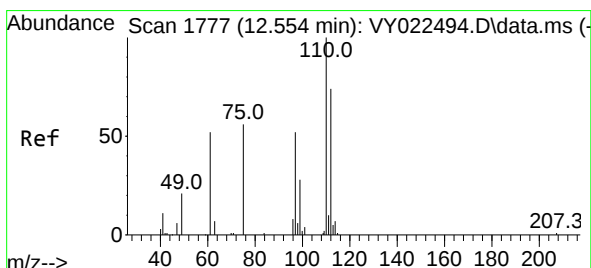
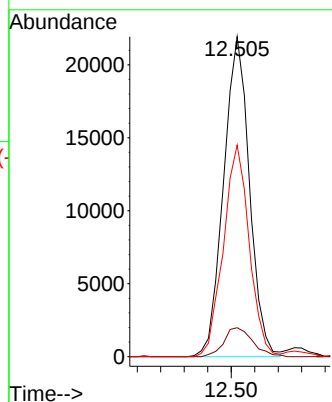
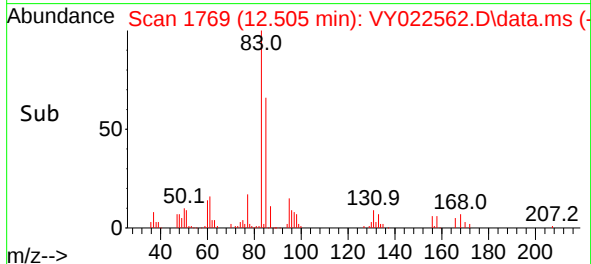
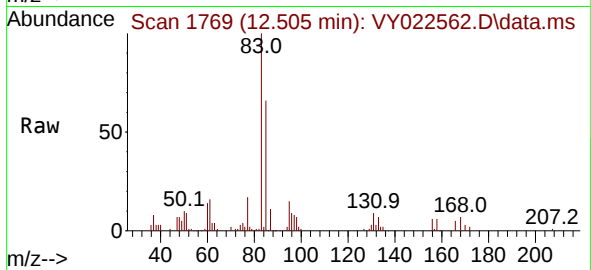




#75
 1,1,2-Tetrachloroethane
 Concen: 20.559 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

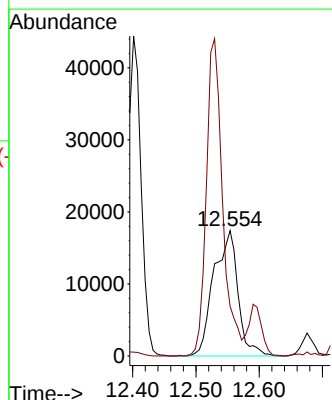
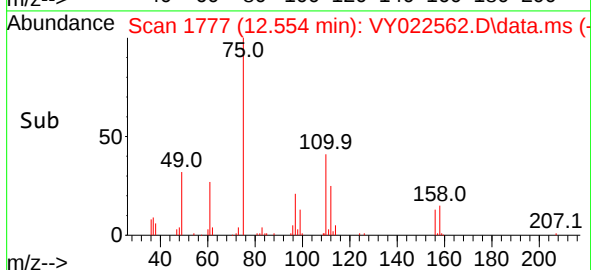
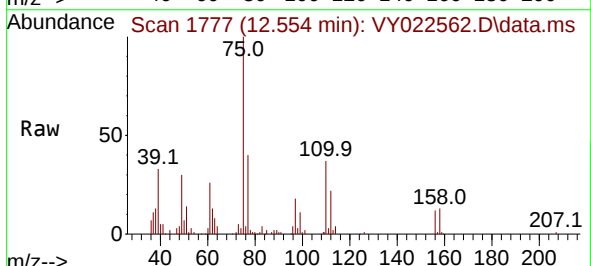
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

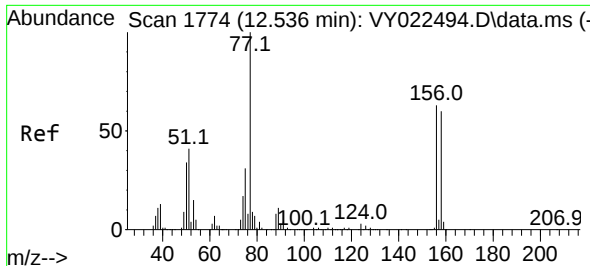
Tgt Ion: 83 Resp: 33569
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 66.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.365 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

Tgt Ion: 75 Resp: 46253
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

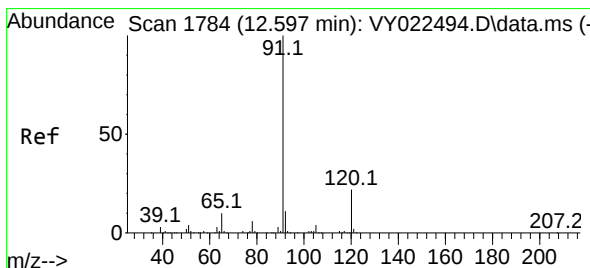
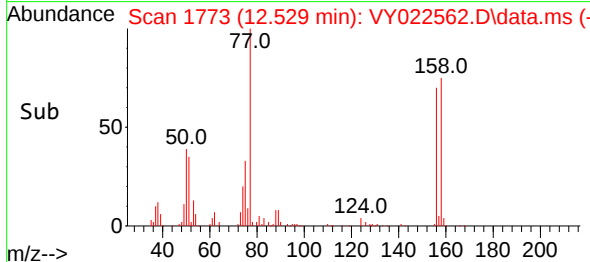
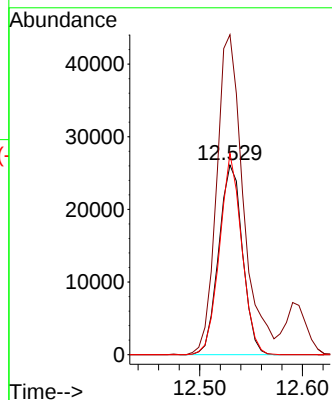
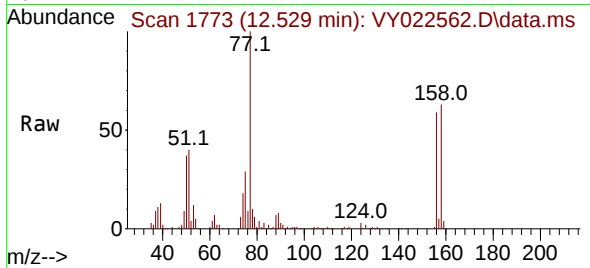




#77
Bromobenzene
Concen: 19.961 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

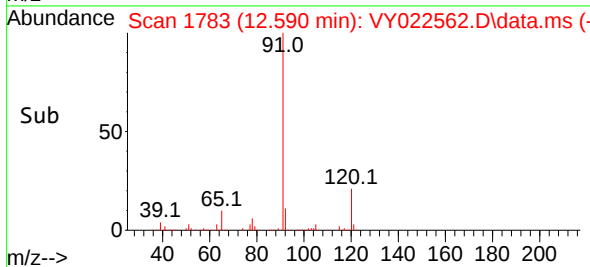
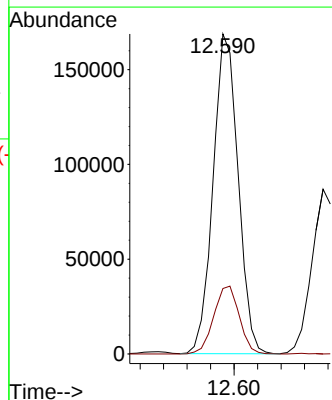
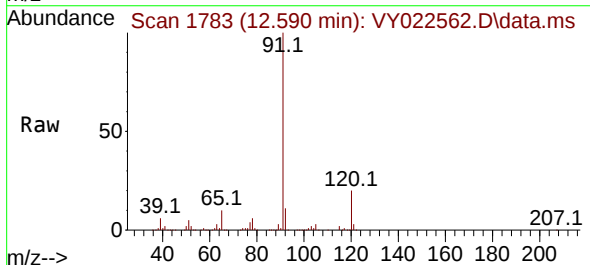
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

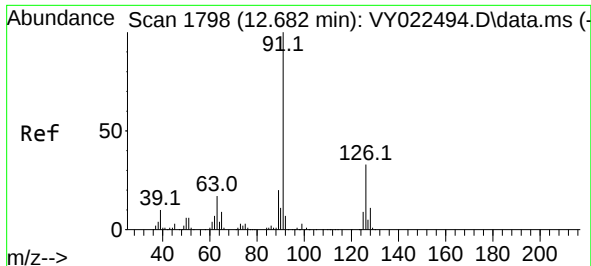
Tgt Ion:156 Resp: 41906
Ion Ratio Lower Upper
156 100
77 188.6 94.0 282.1
158 99.0 48.2 144.6



#78
n-propylbenzene
Concen: 20.530 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 91 Resp: 249452
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

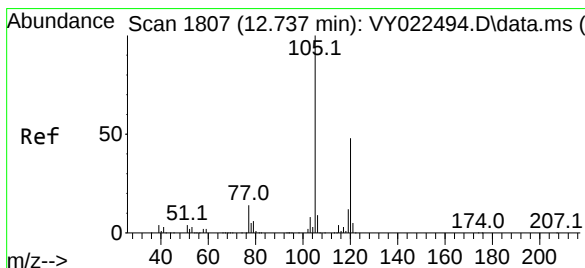
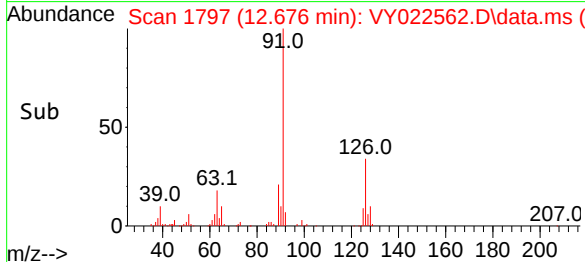
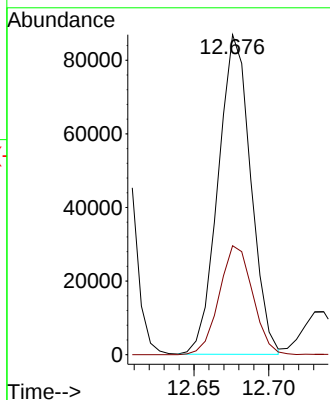
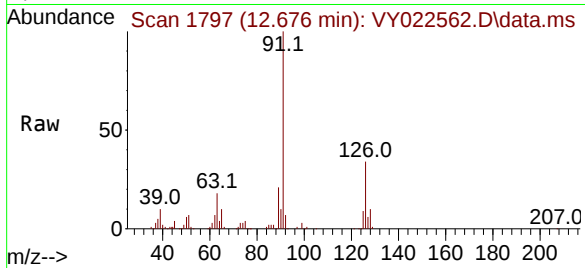




#79
2-Chlorotoluene
Concen: 20.462 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

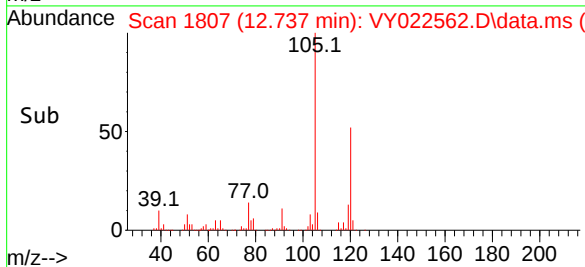
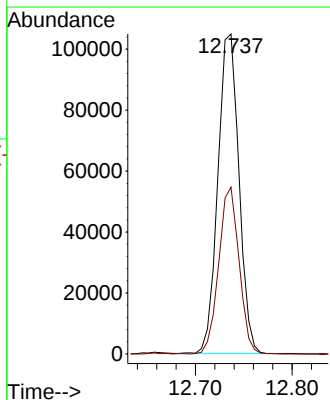
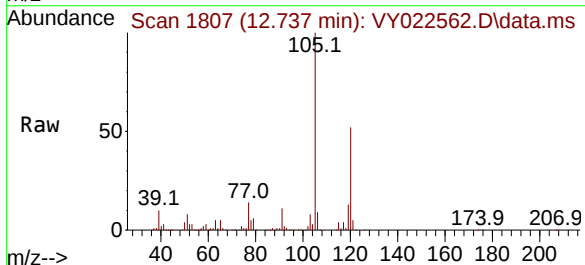
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

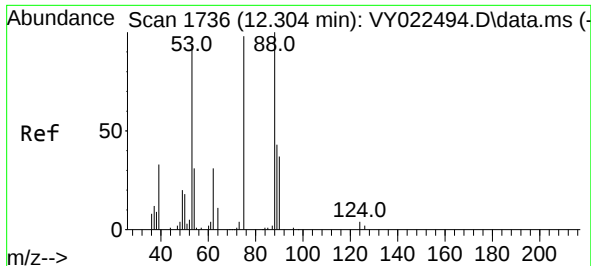
Tgt Ion: 91 Resp: 131777
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.291 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 105 Resp: 158482
Ion Ratio Lower Upper
105 100
120 50.4 24.1 72.4

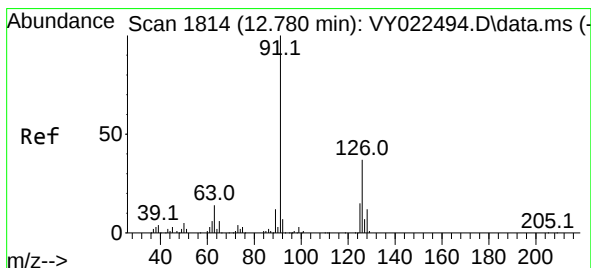
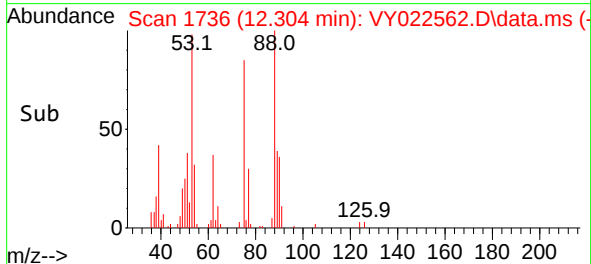
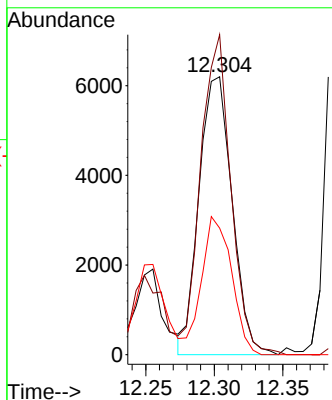
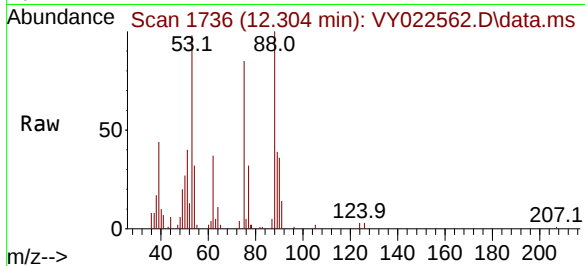




#81
trans-1,4-Dichloro-2-butene
Concen: 18.159 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

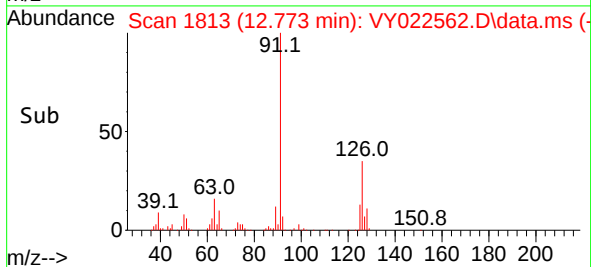
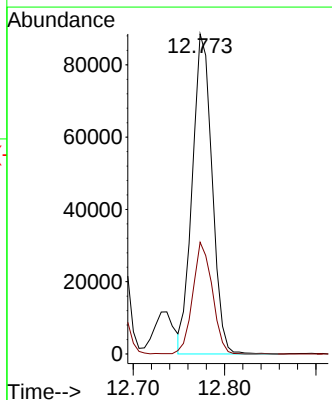
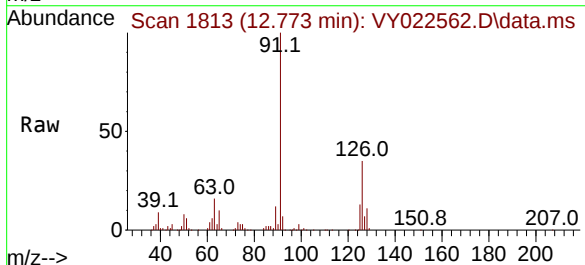
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

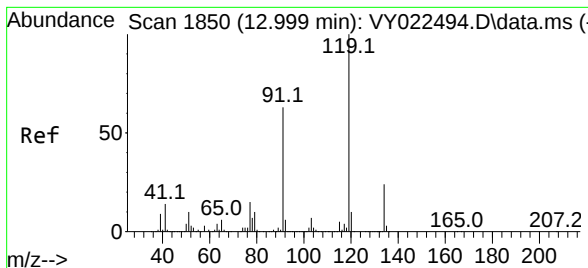
Tgt Ion: 75 Resp: 10424
Ion Ratio Lower Upper
75 100
53 104.7 78.5 117.7
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.041 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 91 Resp: 133141
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.867 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

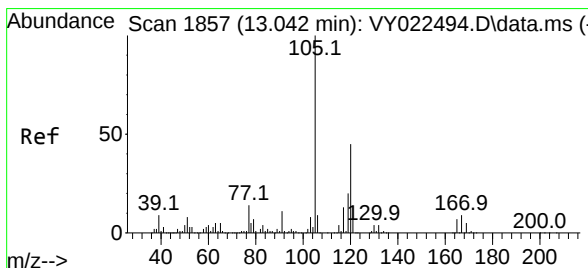
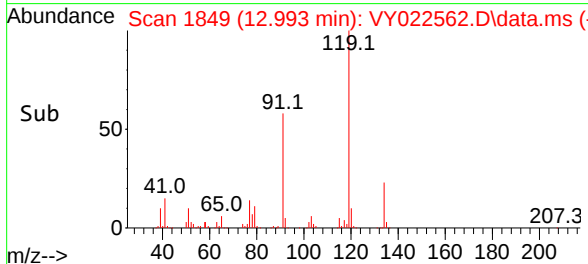
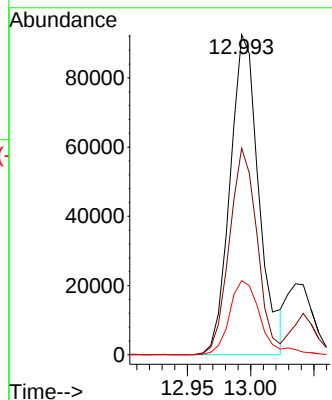
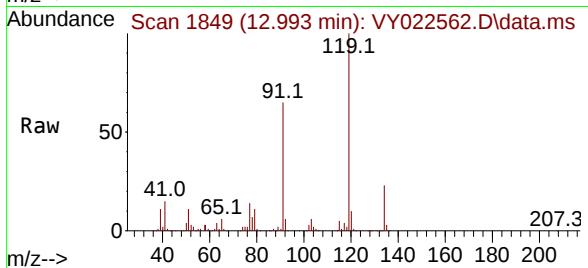
Tgt Ion:119 Resp: 146274

Ion Ratio Lower Upper

119 100

91 62.4 32.1 96.3

134 25.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.227 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022562.D

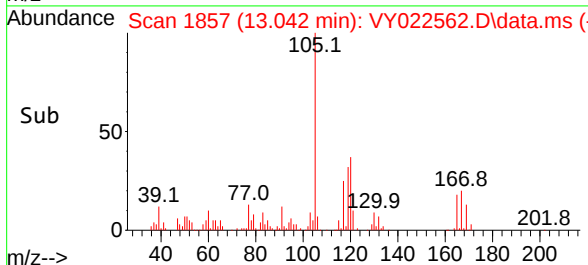
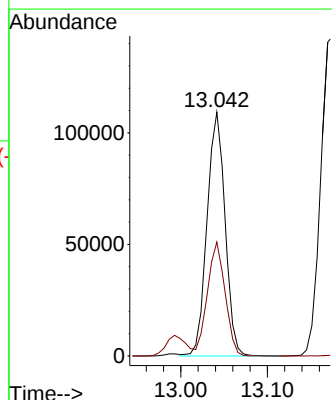
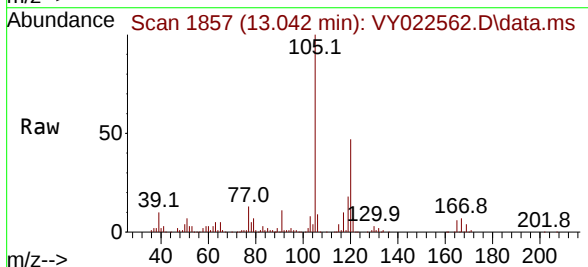
Acq: 05 Jun 2025 09:41

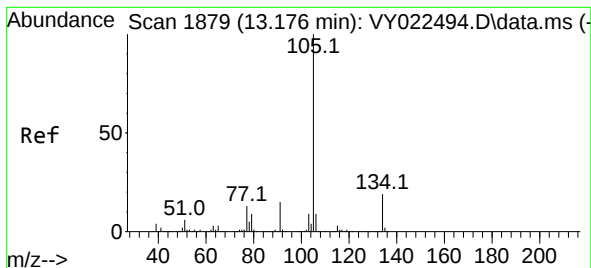
Tgt Ion:105 Resp: 158008

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.537 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

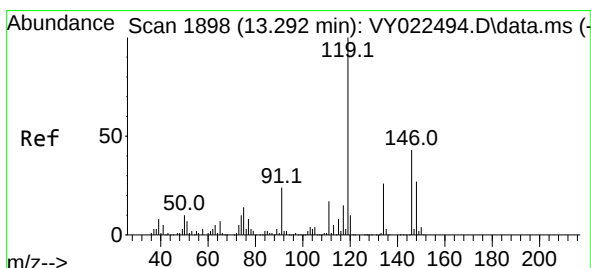
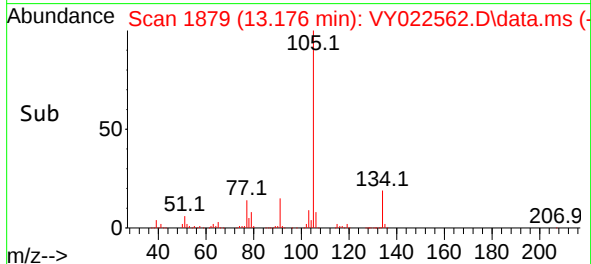
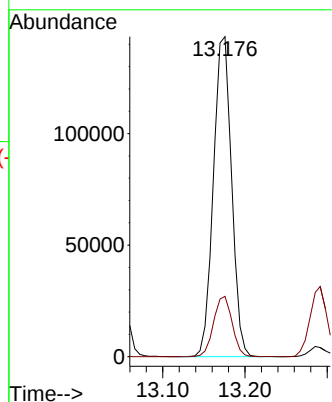
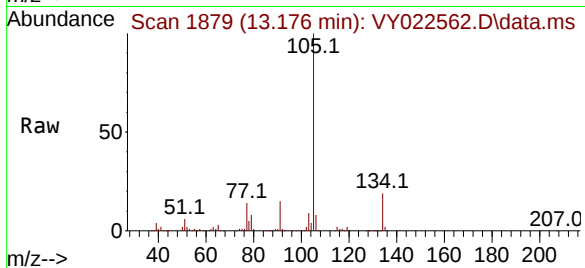
VY0605SBS01

Tgt Ion:105 Resp: 220482

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.790 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

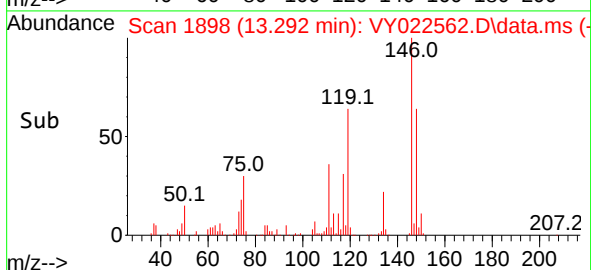
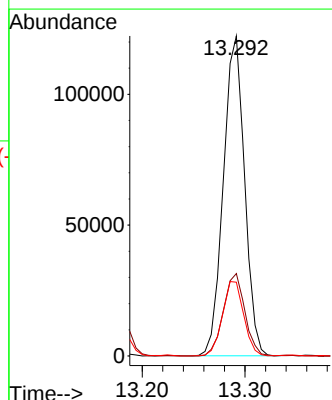
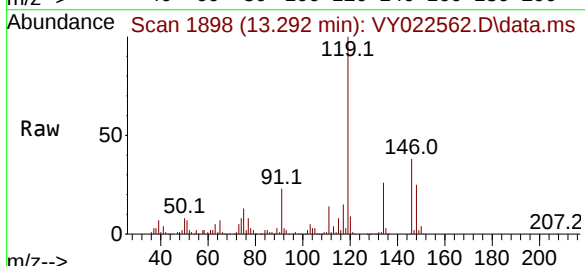
Tgt Ion:119 Resp: 175127

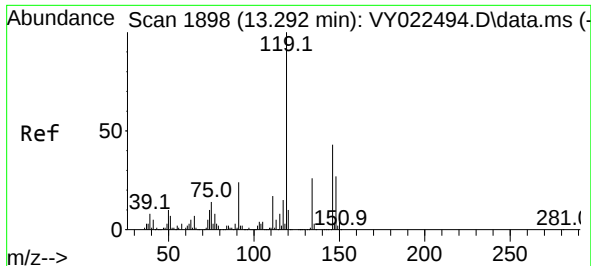
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.325 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

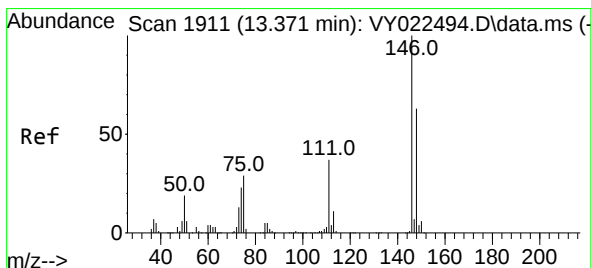
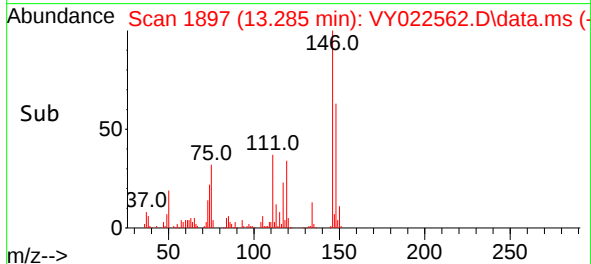
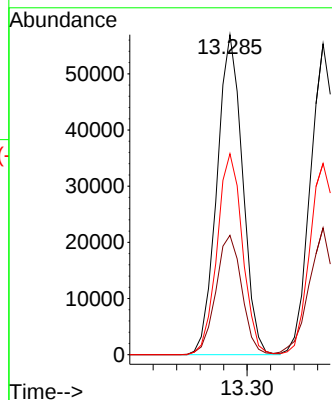
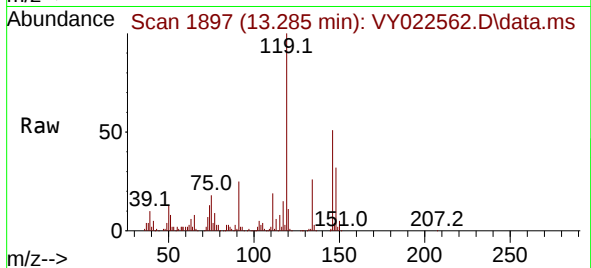
Tgt Ion:146 Resp: 86453

Ion Ratio Lower Upper

146 100

111 37.8 20.1 60.2

148 62.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.246 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

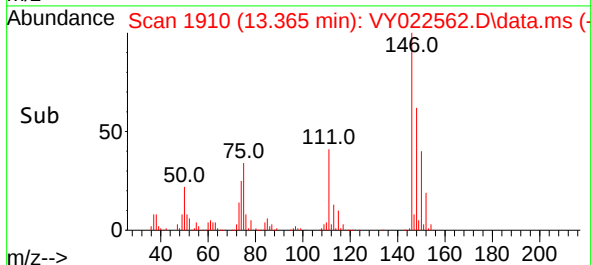
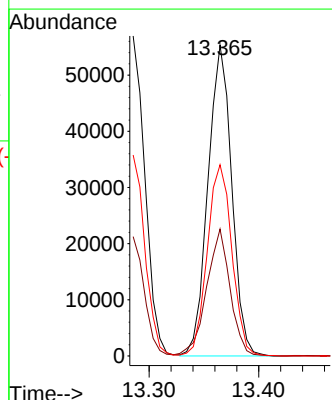
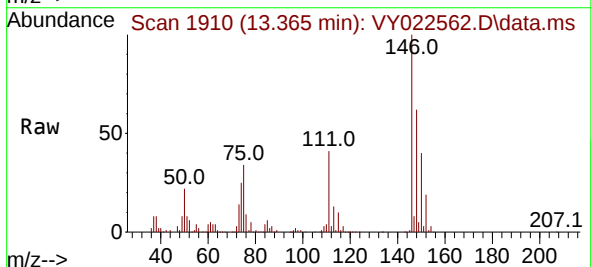
Tgt Ion:146 Resp: 83523

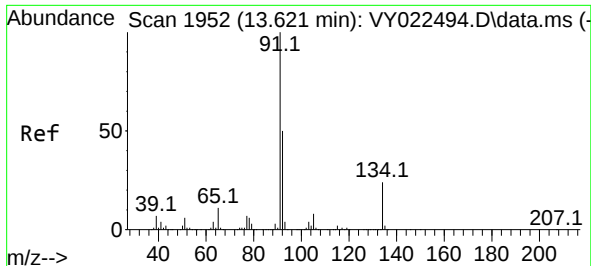
Ion Ratio Lower Upper

146 100

111 40.4 19.4 58.2

148 63.7 31.6 94.8

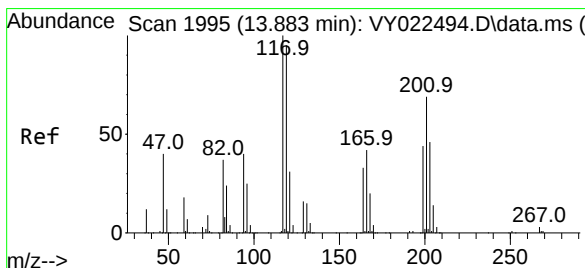
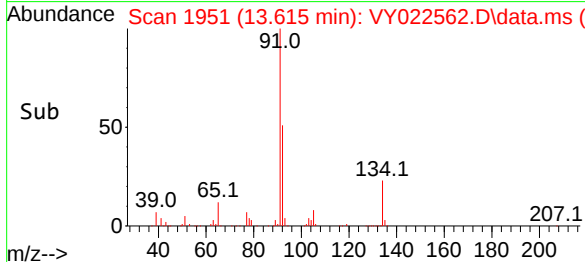
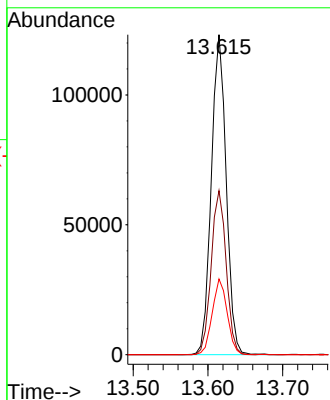
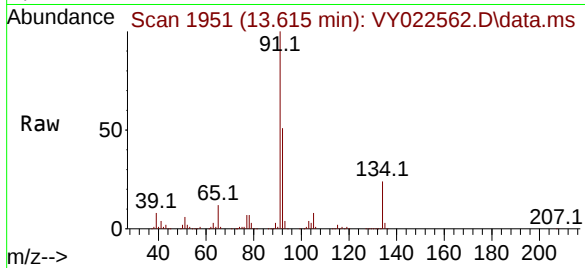




#89
n-Butylbenzene
Concen: 20.323 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

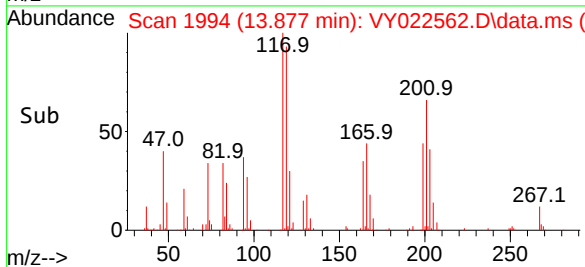
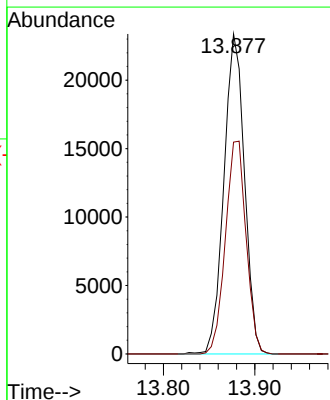
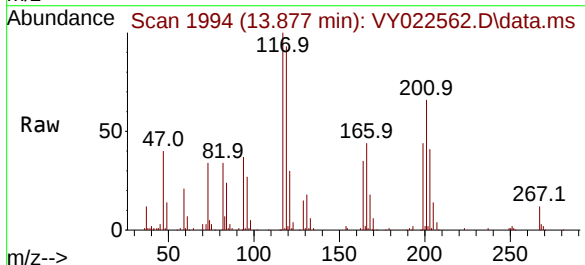
Instrument :
MSVOA_Y
ClientSampleId :
VY0605SBS01

Tgt Ion: 91 Resp: 170632
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.8
134 23.8 12.0 36.1



#90
Hexachloroethane
Concen: 21.218 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022562.D
Acq: 05 Jun 2025 09:41

Tgt Ion: 117 Resp: 36555
Ion Ratio Lower Upper
117 100
201 67.0 34.0 102.0

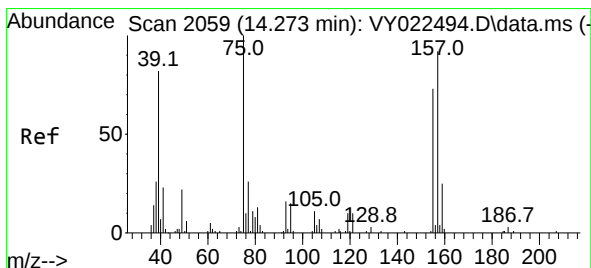
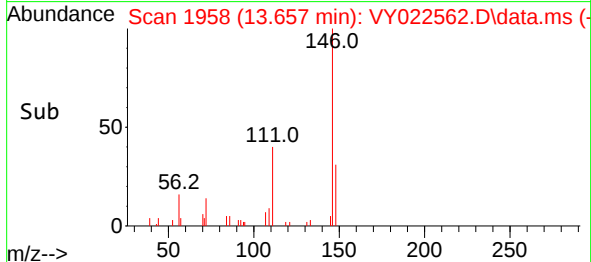
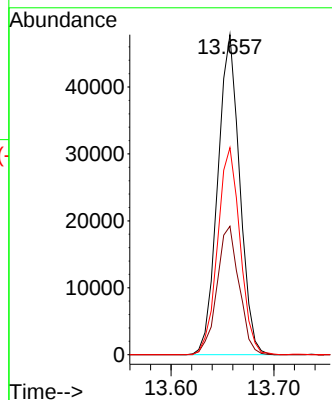
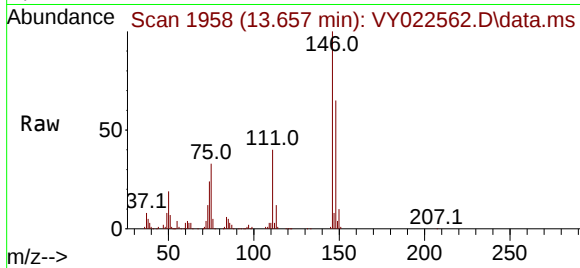




#91
 1,2-Dichlorobenzene
 Concen: 19.651 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

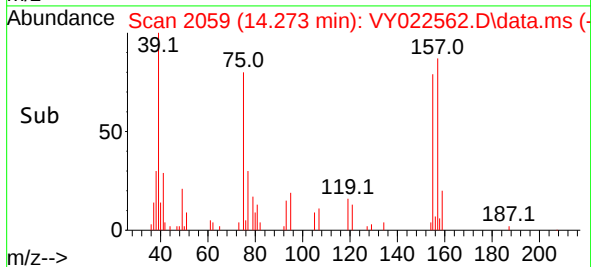
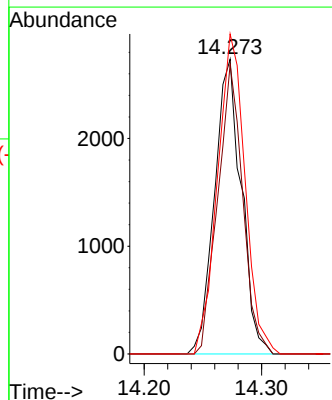
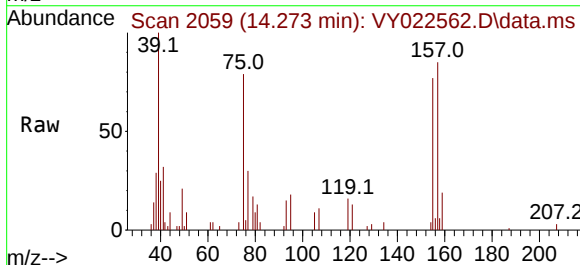
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

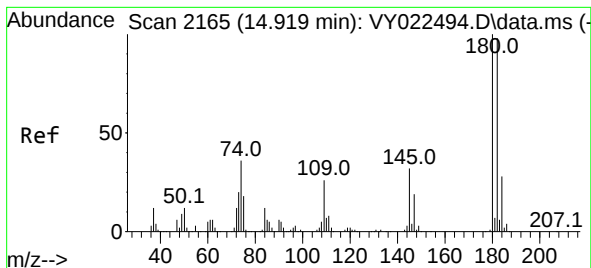
Tgt Ion:	146	Resp:	70965
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.2	60.6
148	66.2	31.4	94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.198 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022562.D
 Acq: 05 Jun 2025 09:41

Tgt Ion:	75	Resp:	4326
Ion Ratio	Lower	Upper	
75	100		
155	91.6	39.9	119.6
157	111.9	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.361 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

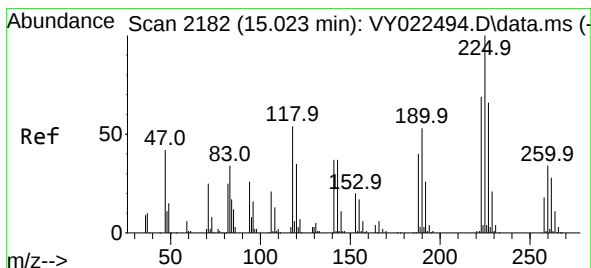
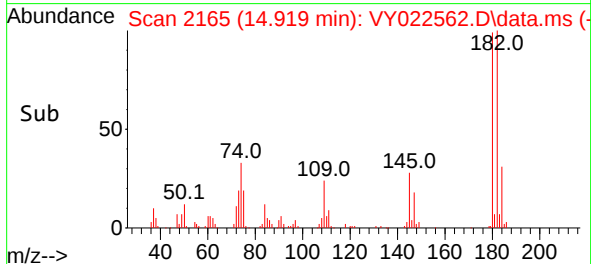
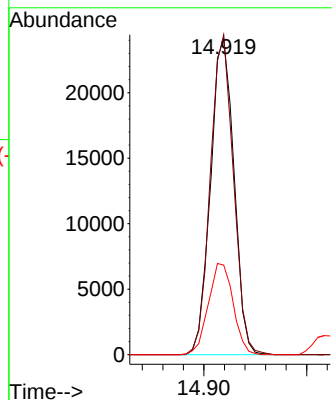
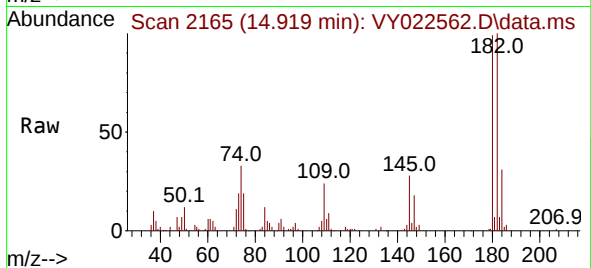
Tgt Ion:180 Resp: 38134

Ion Ratio Lower Upper

180 100

182 99.5 48.4 145.3

145 30.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.552 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

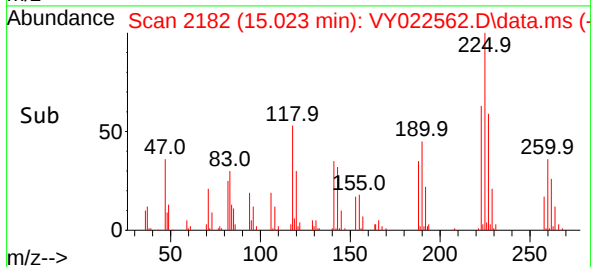
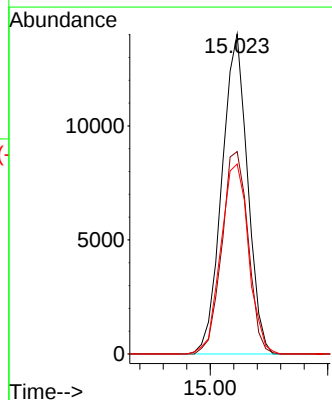
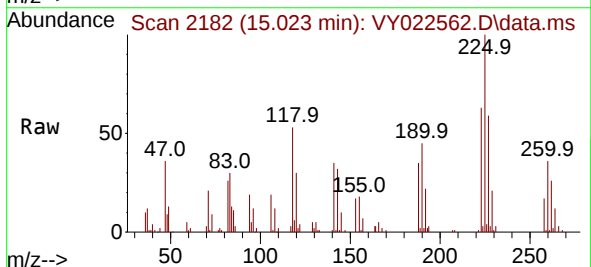
Tgt Ion:225 Resp: 21255

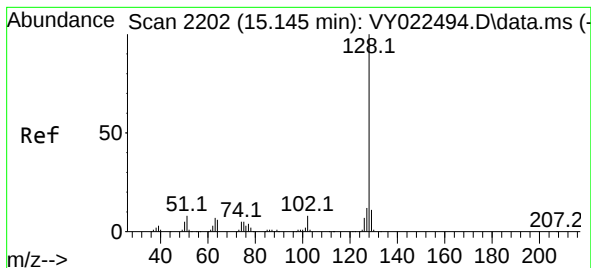
Ion Ratio Lower Upper

225 100

223 64.7 32.5 97.4

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 18.350 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0605SBS01

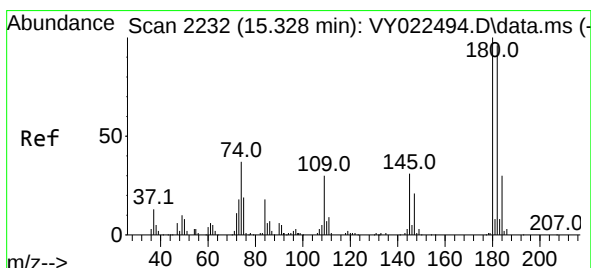
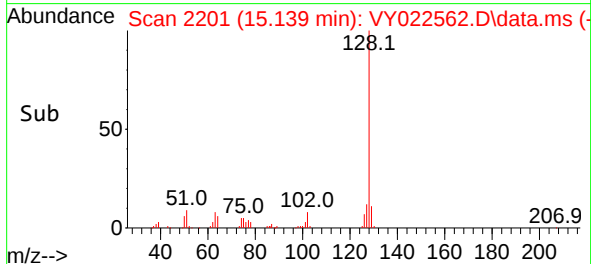
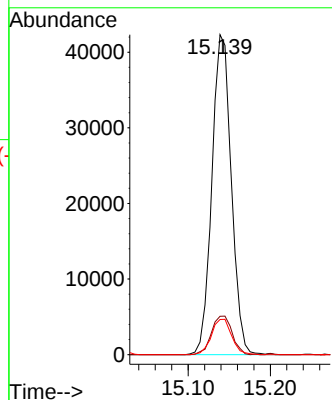
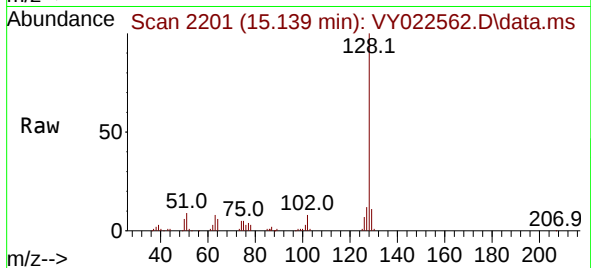
Tgt Ion:128 Resp: 69356

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.023 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022562.D

Acq: 05 Jun 2025 09:41

Tgt Ion:180 Resp: 32110

Ion Ratio Lower Upper

180 100

182 95.8 47.1 141.3

145 31.5 15.2 45.6

