

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022541.D
 Acq On : 04 Jun 2025 11:16
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Quant Time: Jun 05 04:10:58 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	179220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	309983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104473	52.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.634	113	93335	50.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.900%	
50) Toluene-d8	10.103	98	376502	50.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.401	95	109073	48.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35284	21.990	ug/l	95
3) Chloromethane	2.068	50	88525	18.675	ug/l	99
4) Vinyl Chloride	2.202	62	124287	22.601	ug/l	100
5) Bromomethane	2.586	94	115662	21.944	ug/l	95
6) Chloroethane	2.726	64	87250	23.116	ug/l	99
7) Trichlorofluoromethane	3.043	101	112317	24.059	ug/l	95
8) Diethyl Ether	3.452	74	22123	21.043	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	41480	21.097	ug/l	98
10) Methyl Iodide	4.001	142	41715	19.605	ug/l	99
11) Tert butyl alcohol	4.872	59	16173	112.966	ug/l #	88
12) 1,1-Dichloroethene	3.787	96	39705	21.126	ug/l	95
13) Acrolein	3.647	56	19881	111.427	ug/l	97
14) Allyl chloride	4.385	41	60883	20.635	ug/l	100
15) Acrylonitrile	5.055	53	48823	109.653	ug/l	98
16) Acetone	3.866	43	40457	99.383	ug/l	91
17) Carbon Disulfide	4.104	76	127027	21.111	ug/l	99
18) Methyl Acetate	4.385	43	26588	22.056	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	114382	21.608	ug/l	97
20) Methylene Chloride	4.610	84	45844	19.826	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	45327	21.549	ug/l	93
22) Diisopropyl ether	6.018	45	139507	21.242	ug/l	98
23) Vinyl Acetate	5.958	43	415034	106.773	ug/l	98
24) 1,1-Dichloroethane	5.915	63	83510	21.585	ug/l	99
25) 2-Butanone	6.896	43	61284	104.368	ug/l	99
26) 2,2-Dichloropropane	6.884	77	69661	20.378	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	52045	21.407	ug/l	98
28) Bromochloromethane	7.244	49	34034	20.180	ug/l	98
29) Tetrahydrofuran	7.268	42	41613	109.878	ug/l	97
30) Chloroform	7.421	83	82942	21.644	ug/l	97
31) Cyclohexane	7.701	56	77602	20.147	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	72843	21.413	ug/l	99
36) 1,1-Dichloropropene	7.835	75	60454	20.132	ug/l	100
37) Ethyl Acetate	6.988	43	28333	21.157	ug/l	99
38) Carbon Tetrachloride	7.817	117	61931	20.104	ug/l	98
39) Methylcyclohexane	9.109	83	79347	19.662	ug/l	98
40) Benzene	8.079	78	185571	20.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	16324	20.869	ug/l	94
42) 1,2-Dichloroethane	8.158	62	50725	20.946	ug/l	99
43) Isopropyl Acetate	8.195	43	61020	21.098	ug/l	98
44) Trichloroethene	8.866	130	44269	20.422	ug/l	99
45) 1,2-Dichloropropane	9.140	63	44426	21.194	ug/l	98
46) Dibromomethane	9.231	93	24682	20.930	ug/l	100
47) Bromodichloromethane	9.420	83	62495	20.900	ug/l	94
48) Methyl methacrylate	9.219	41	28590	21.062	ug/l	100
49) 1,4-Dioxane	9.231	88	5823	416.801	ug/l	89
51) 4-Methyl-2-Pentanone	9.999	43	152107	105.486	ug/l	100
52) Toluene	10.170	92	114854	20.606	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56768	20.262	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	67799	20.789	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	31778	21.133	ug/l	95
56) Ethyl methacrylate	10.438	69	44603	20.523	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57346	21.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	103545	104.936	ug/l	99
59) 2-Hexanone	10.762	43	98699	102.345	ug/l	100
60) Dibromochloromethane	10.908	129	38348	20.068	ug/l	99
61) 1,2-Dibromoethane	11.011	107	28215	20.587	ug/l	99
64) Tetrachloroethene	10.646	164	49080	21.942	ug/l	98
65) Chlorobenzene	11.438	112	121009	21.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	38613	19.920	ug/l	97
67) Ethyl Benzene	11.518	91	215923	20.231	ug/l	100
68) m/p-Xylenes	11.627	106	163650	40.448	ug/l	100
69) o-Xylene	11.950	106	77044	20.311	ug/l	99
70) Styrene	11.969	104	127477	20.330	ug/l	99
71) Bromoform	12.127	173	20119	19.504	ug/l #	96
73) Isopropylbenzene	12.255	105	198789	20.270	ug/l	99
74) N-amyl acetate	12.066	43	52528	21.227	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	34485	21.424	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	47974	35.104	ug/l #	100
77) Bromobenzene	12.530	156	43188	20.868	ug/l	98
78) n-propylbenzene	12.590	91	245680	20.510	ug/l	99
79) 2-Chlorotoluene	12.676	91	134165	21.133	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	156441	20.318	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	11467	20.263	ug/l	99
82) 4-Chlorotoluene	12.773	91	134743	20.574	ug/l	100
83) tert-Butylbenzene	12.993	119	145202	21.012	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	159935	20.768	ug/l	99
85) sec-Butylbenzene	13.170	105	213038	20.129	ug/l	100
86) p-Isopropyltoluene	13.292	119	173168	19.850	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	86314	20.585	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	85459	21.013	ug/l	99
89) n-Butylbenzene	13.615	91	171235	20.688	ug/l	99
90) Hexachloroethane	13.877	117	35034	20.628	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	75027	21.074	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5340	22.786	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	41161	21.199	ug/l	99
94) Hexachlorobutadiene	15.023	225	23069	21.526	ug/l	98
95) Naphthalene	15.139	128	81018	21.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	36181	21.743	ug/l	98

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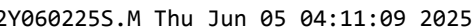
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

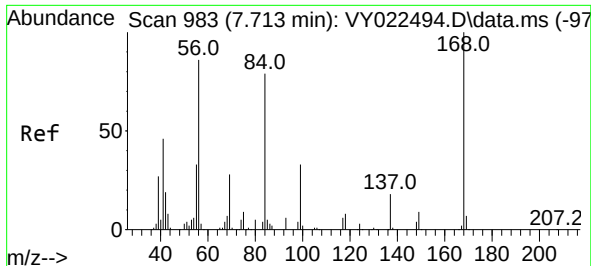
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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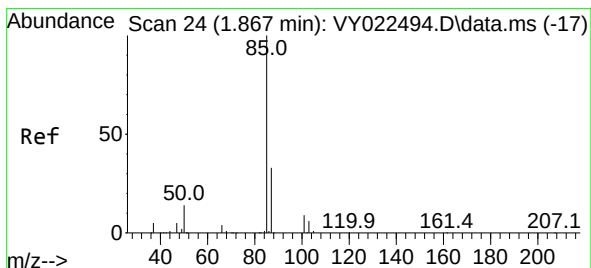
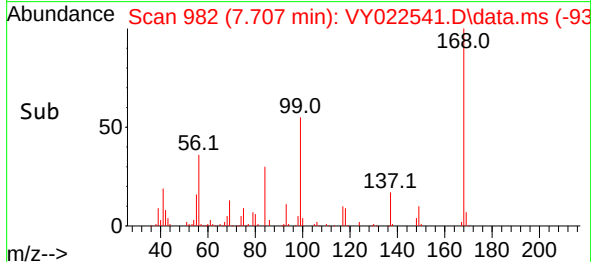
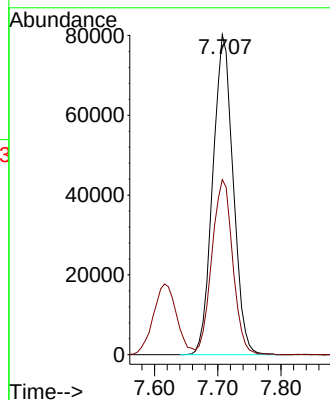
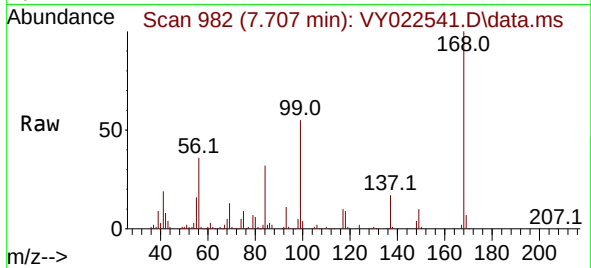




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022541.D
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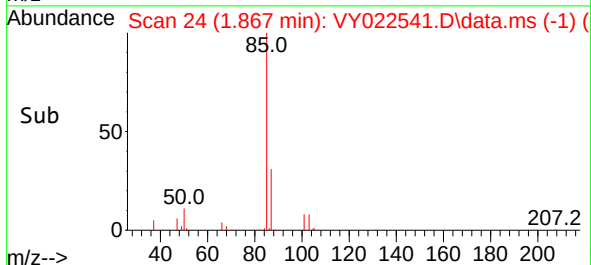
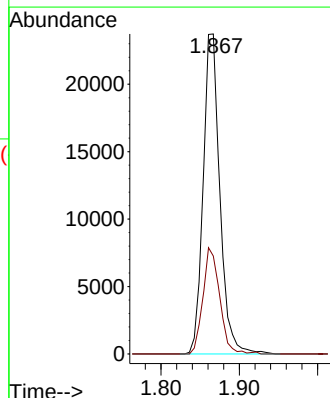
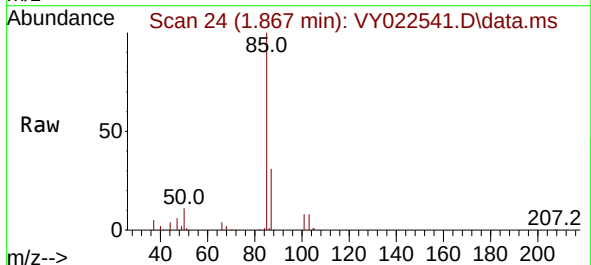
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

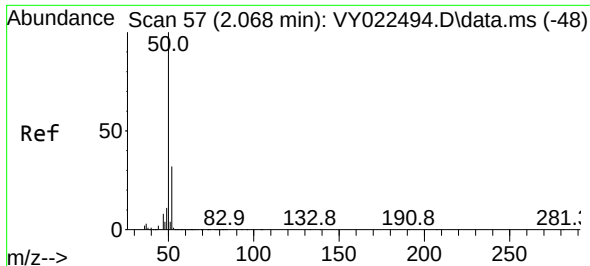
Tgt Ion:168 Resp: 179220
Ion Ratio Lower Upper
168 100
99 54.7 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.990 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 85 Resp: 35284
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.0

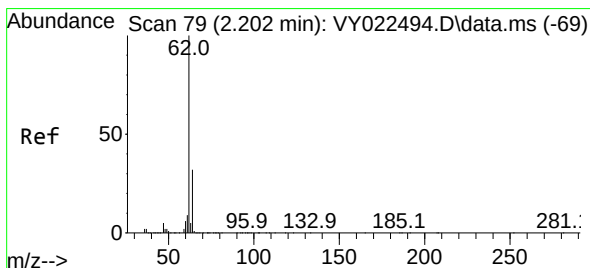
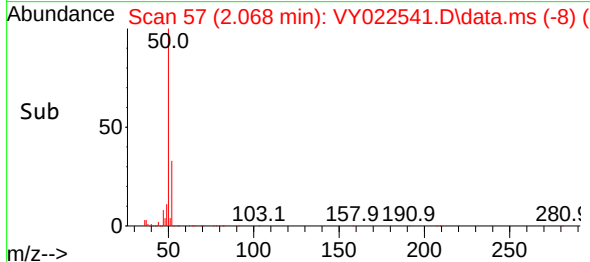
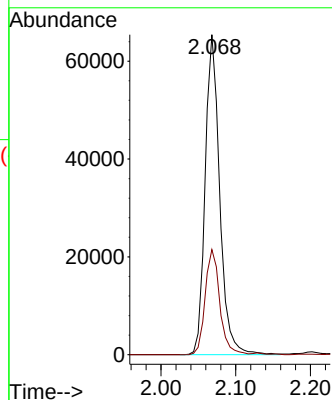
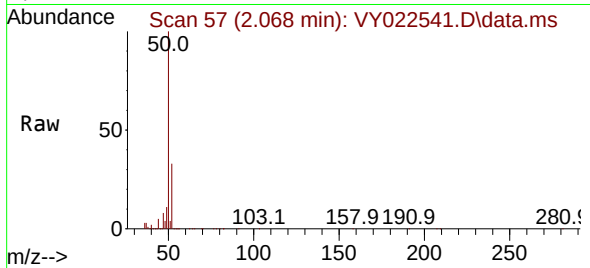




#3
Chloromethane
Concen: 18.675 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

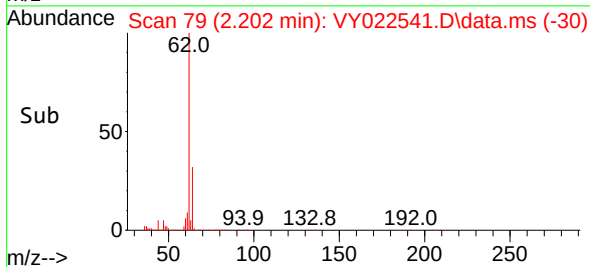
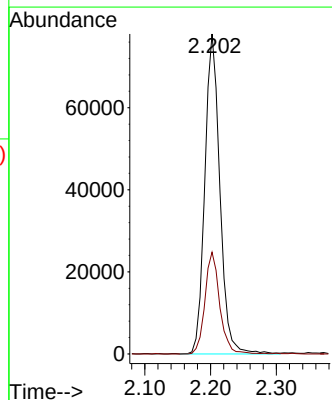
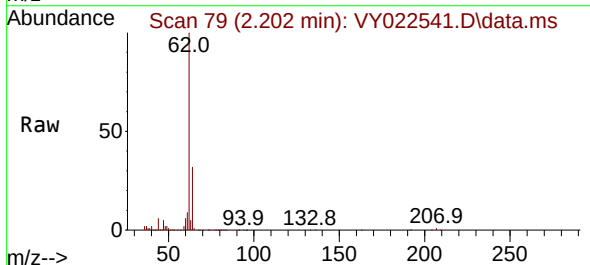
Instrument :
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ClientSampleId :
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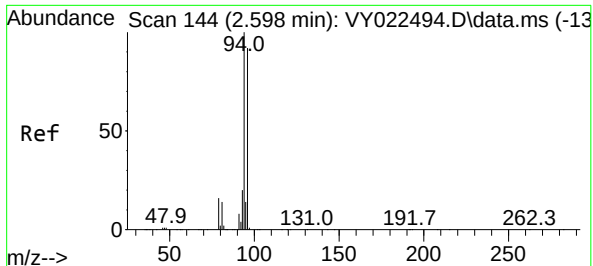
Tgt Ion: 50 Resp: 88525
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 22.601 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 62 Resp: 124287
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9

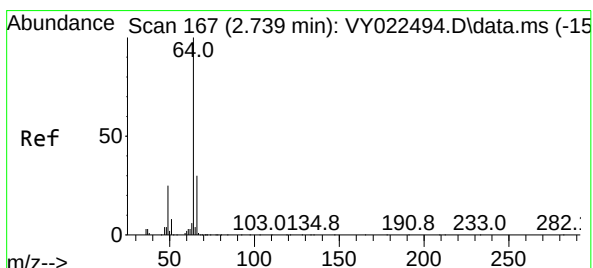
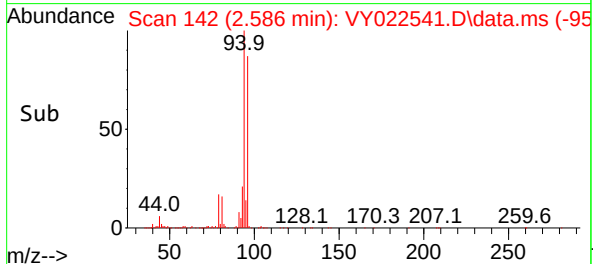
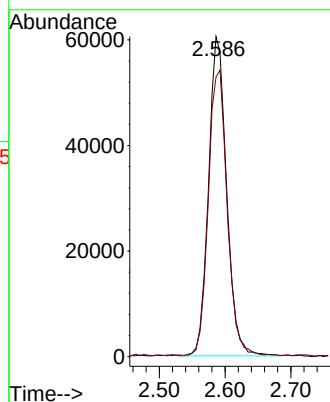
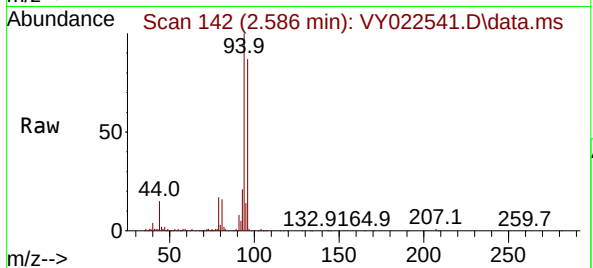




#5
Bromomethane
Concen: 21.944 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

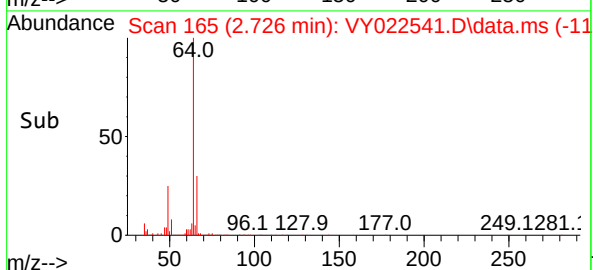
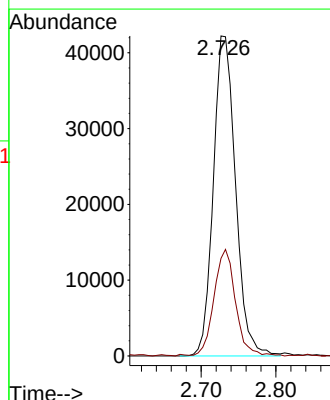
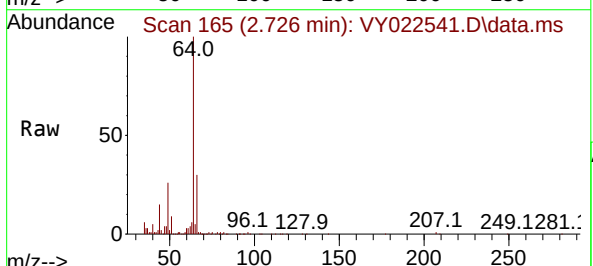
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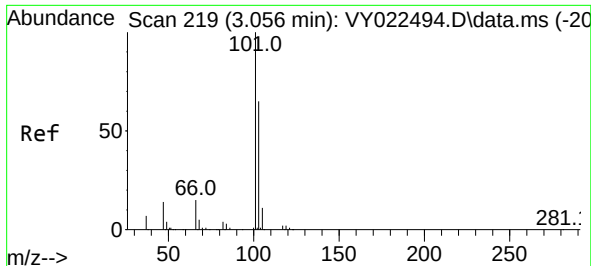
Tgt Ion: 94 Resp: 115662
Ion Ratio Lower Upper
94 100
96 87.2 74.0 111.0



#6
Chloroethane
Concen: 23.116 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 64 Resp: 87250
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6

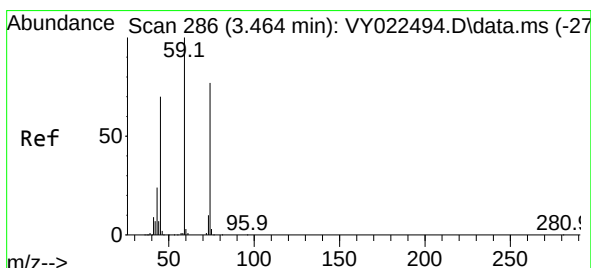
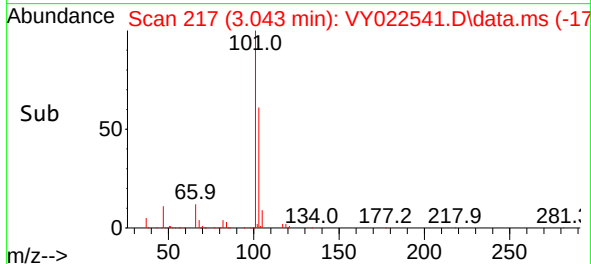
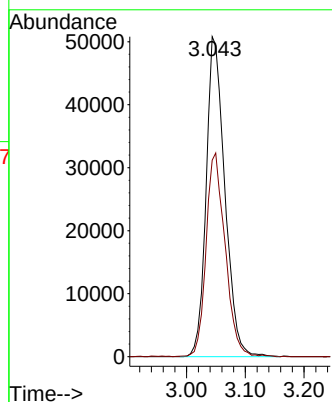
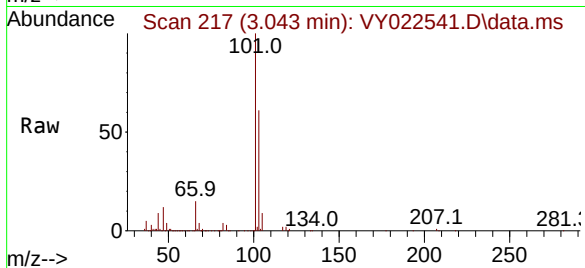




#7
 Trichlorofluoromethane
 Concen: 24.059 ug/l
 RT: 3.043 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

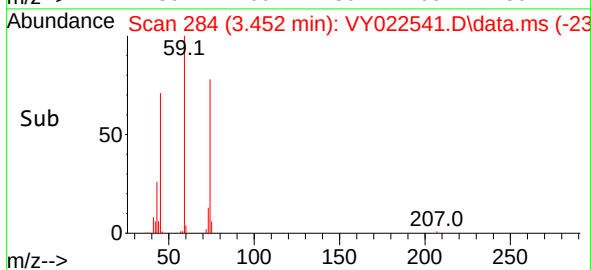
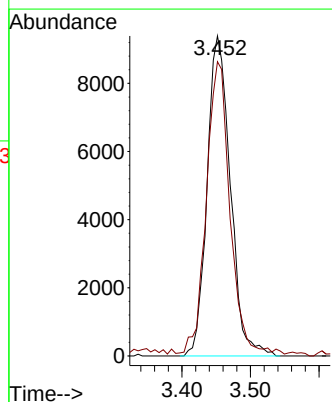
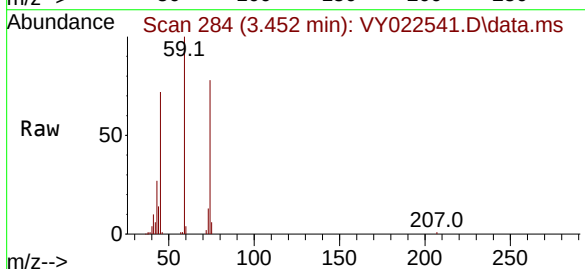
Instrument :
 MSVOA_Y
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 VY0604SBSD01

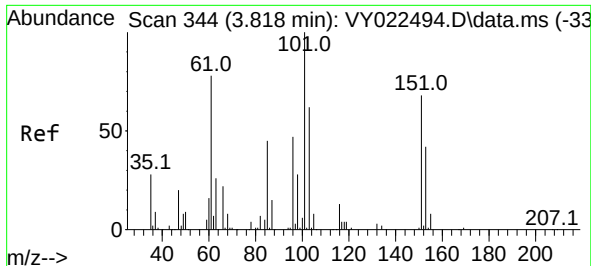
Tgt Ion:101 Resp: 112317
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.043 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

Tgt Ion: 74 Resp: 22123
 Ion Ratio Lower Upper
 74 100
 45 92.4 45.9 137.6

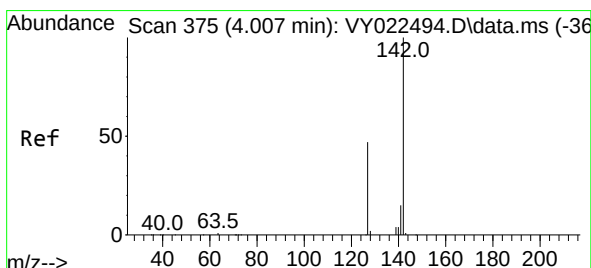
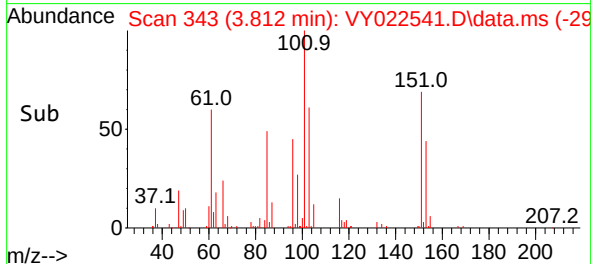
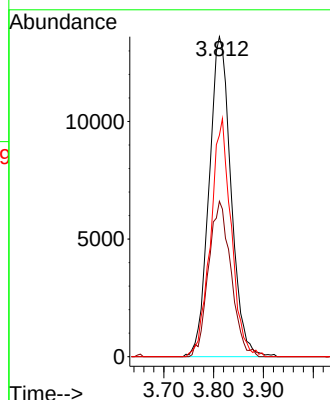
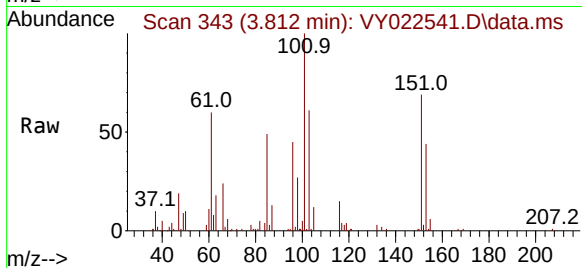




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.097 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

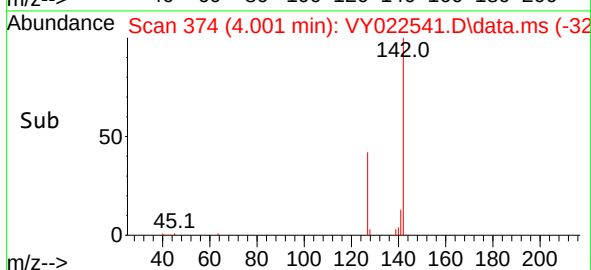
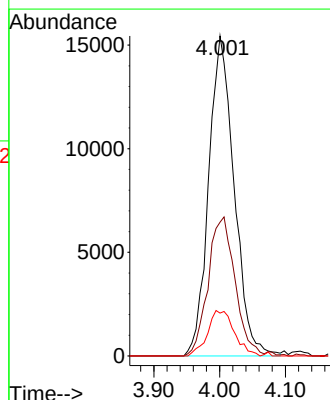
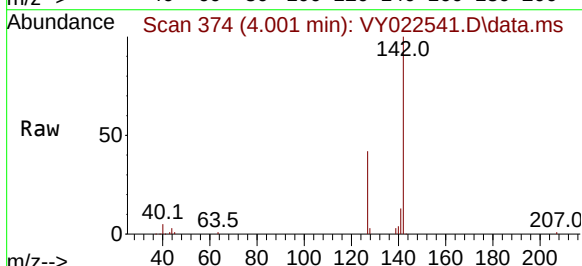
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

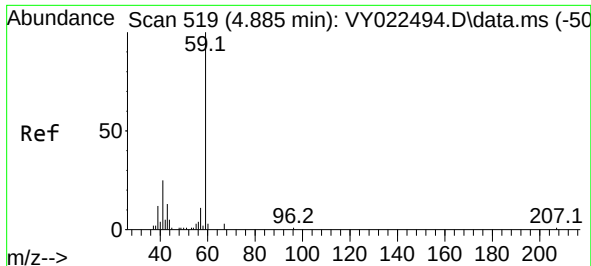
Tgt Ion:101 Resp: 41480
Ion Ratio Lower Upper
101 100
85 49.7 39.3 58.9
151 70.1 57.8 86.8



#10
Methyl Iodide
Concen: 19.605 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion:142 Resp: 41715
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.8 11.4 17.2

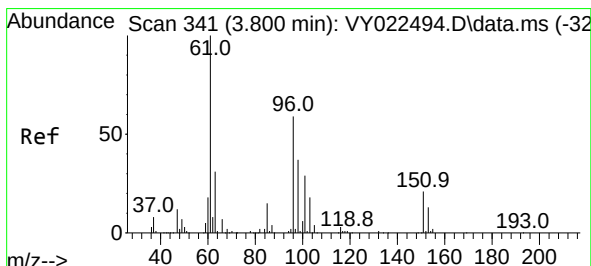
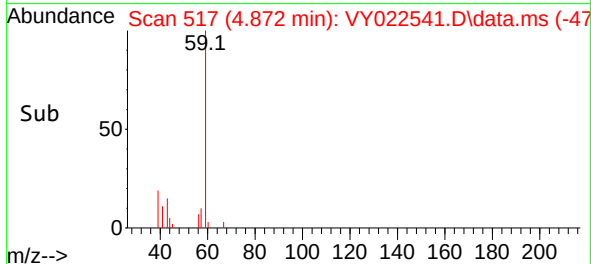
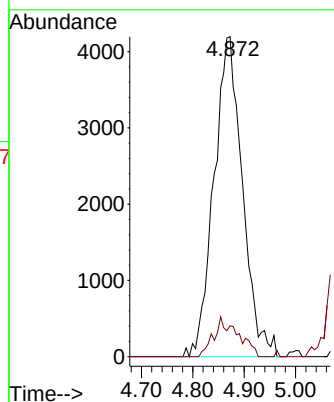
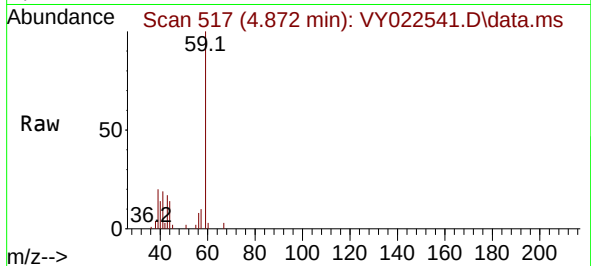




#11
Tert butyl alcohol
Concen: 112.966 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

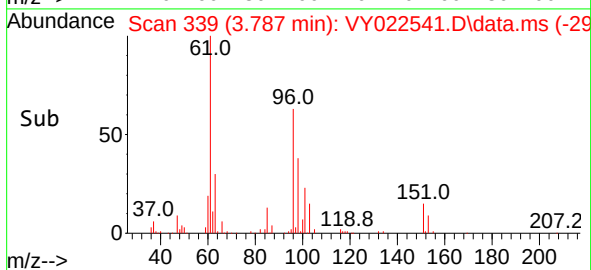
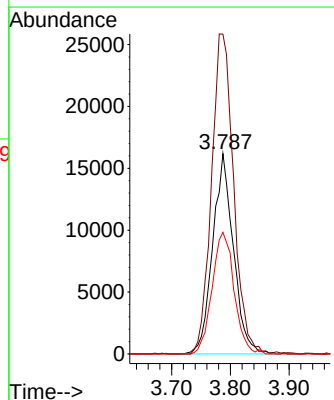
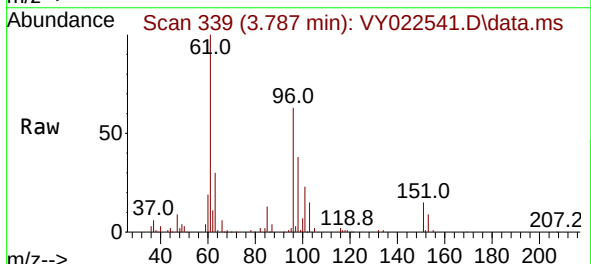
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

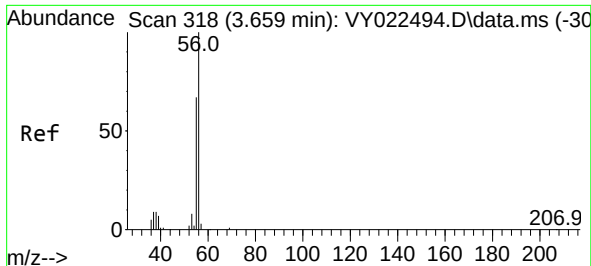
Tgt Ion: 59 Resp: 16173
Ion Ratio Lower Upper
59 100
57 5.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 21.126 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 96 Resp: 39705
Ion Ratio Lower Upper
96 100
61 159.7 134.6 201.8
98 60.7 50.2 75.4

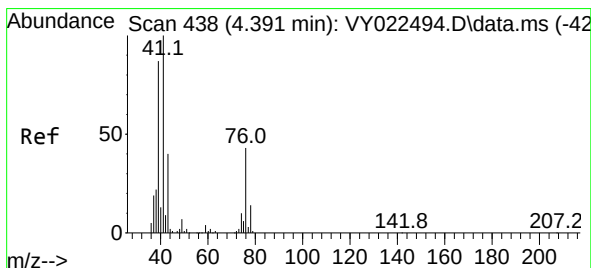
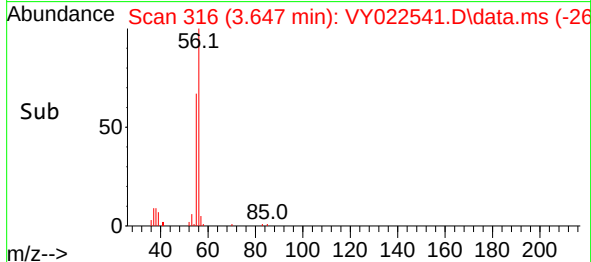
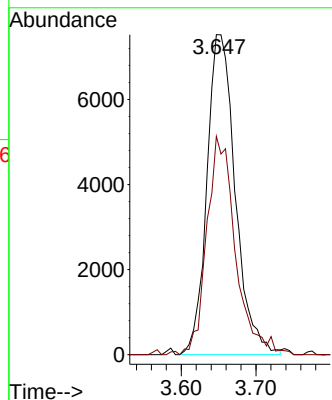
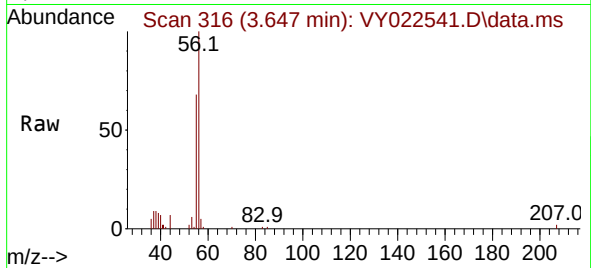




#13
Acrolein
Concen: 111.427 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

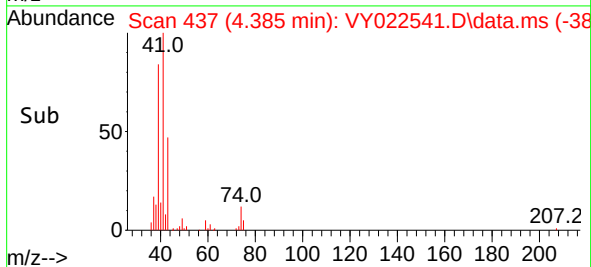
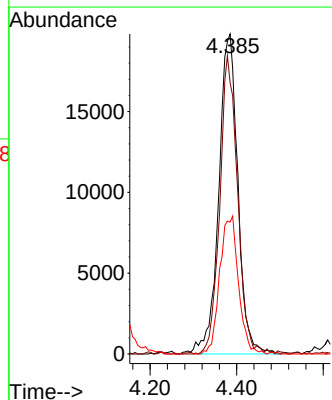
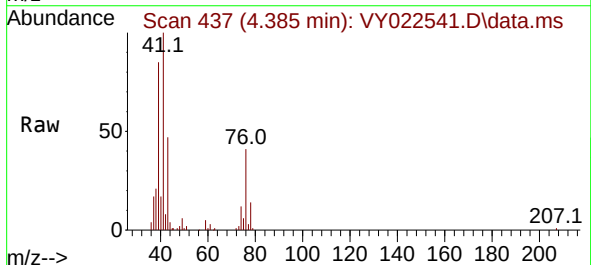
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

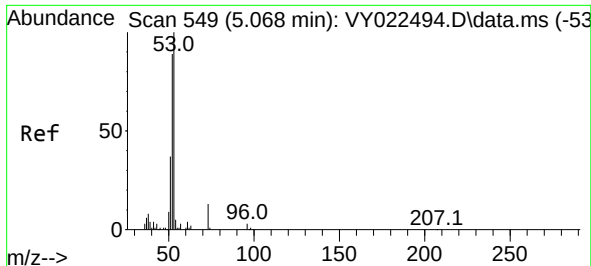
Tgt Ion: 56 Resp: 19881
Ion Ratio Lower Upper
56 100
55 69.0 57.0 85.6



#14
Allyl chloride
Concen: 20.635 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 41 Resp: 60883
Ion Ratio Lower Upper
41 100
39 86.1 69.1 103.7
76 42.2 33.5 50.3

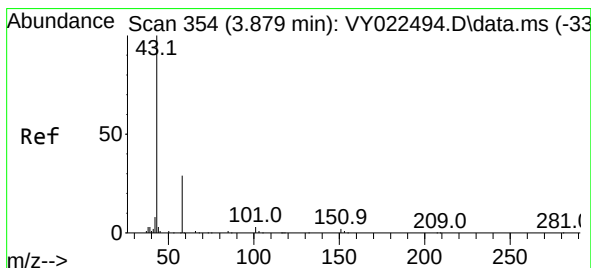
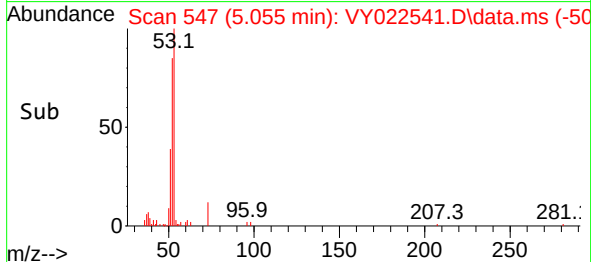
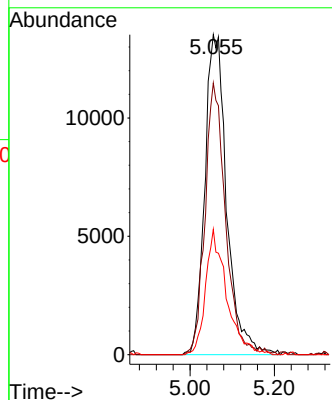
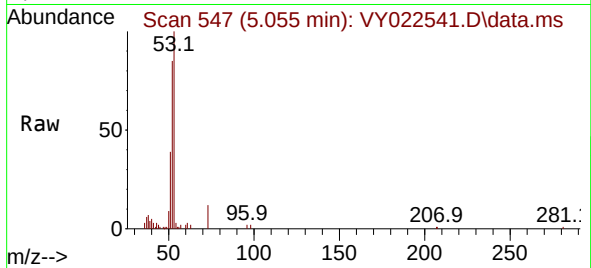




#15
Acrylonitrile
Concen: 109.653 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

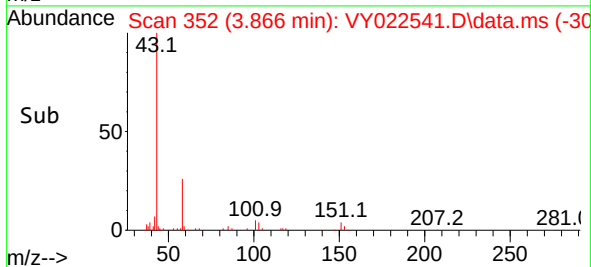
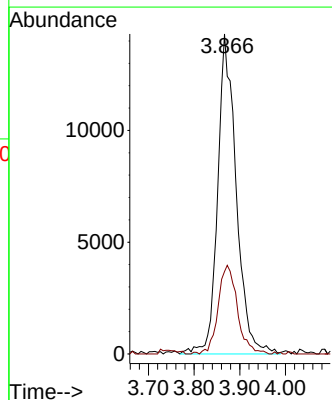
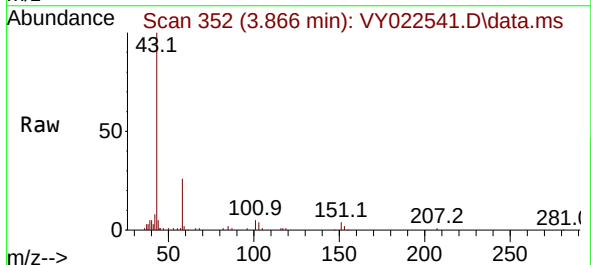
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

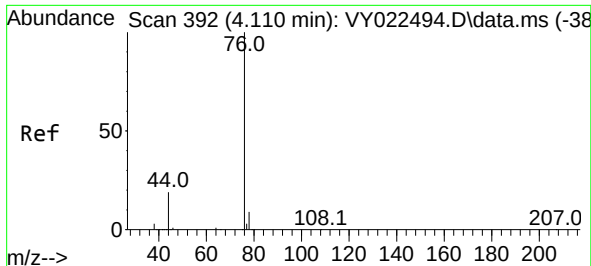
Tgt Ion: 53 Resp: 48823
Ion Ratio Lower Upper
53 100
52 78.9 65.7 98.5
51 37.6 30.1 45.1



#16
Acetone
Concen: 99.383 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 43 Resp: 40457
Ion Ratio Lower Upper
43 100
58 25.2 24.0 36.0

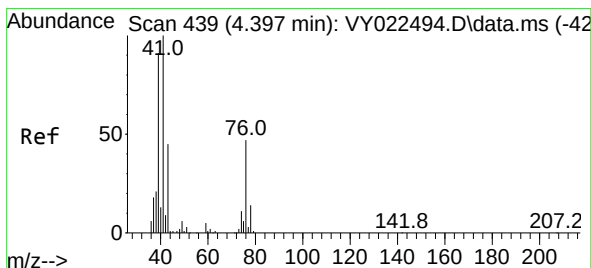
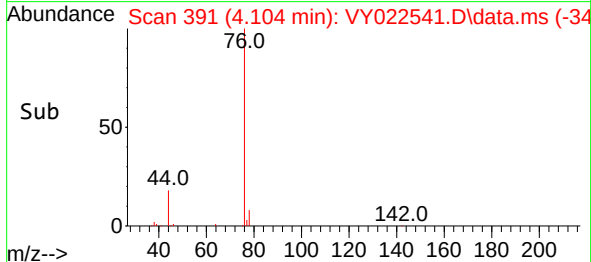
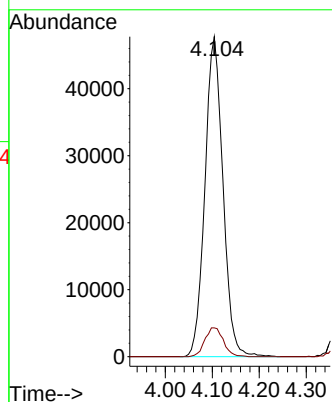
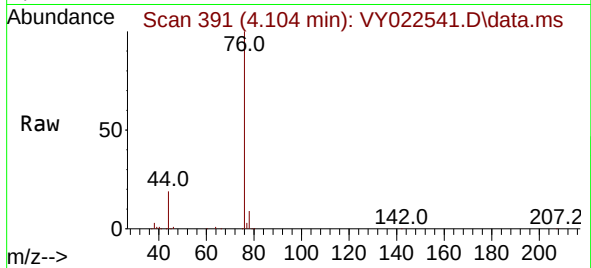




#17
Carbon Disulfide
Concen: 21.111 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

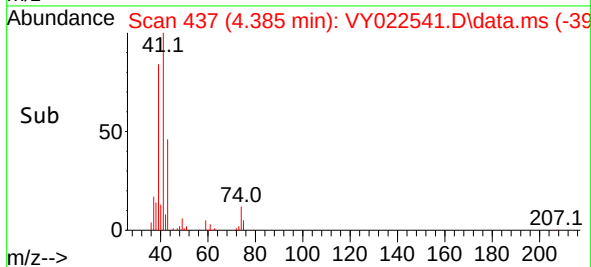
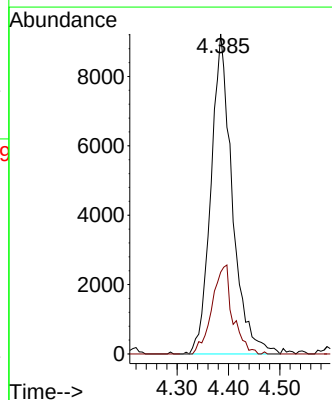
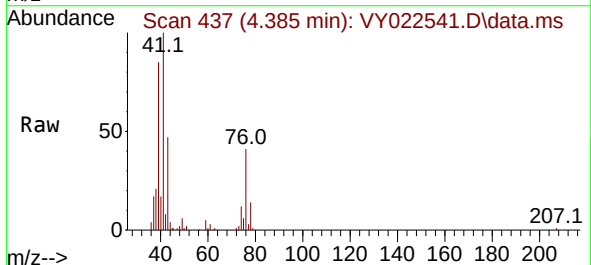
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

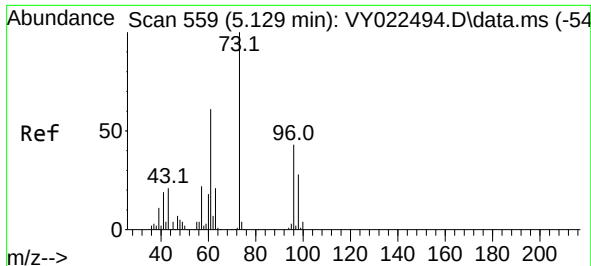
Tgt Ion: 76 Resp: 127027
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 22.056 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 43 Resp: 26588
Ion Ratio Lower Upper
43 100
74 26.8 19.8 29.6

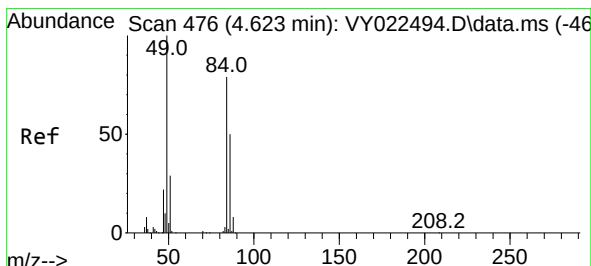
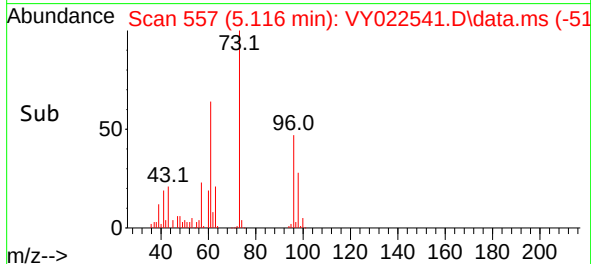
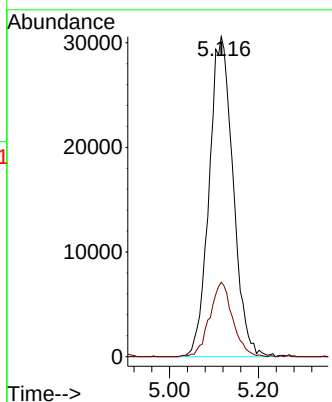
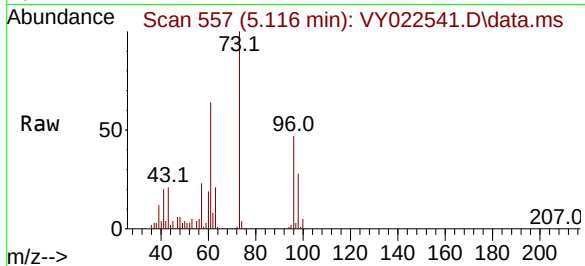




#19
Methyl tert-butyl Ether
Concen: 21.608 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

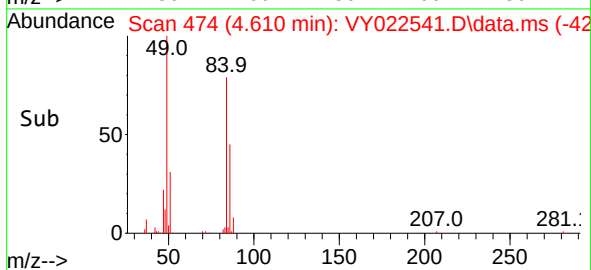
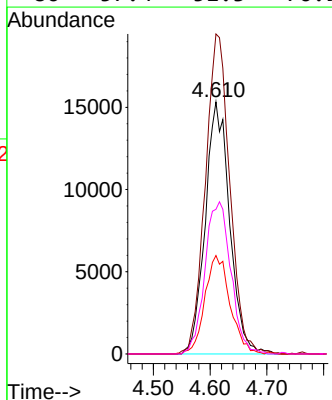
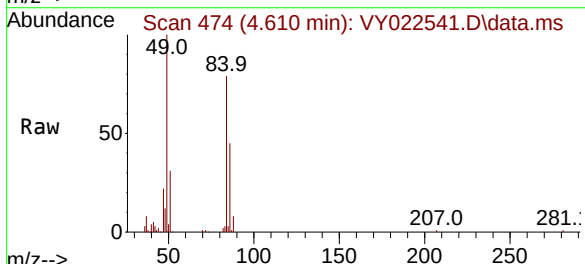
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

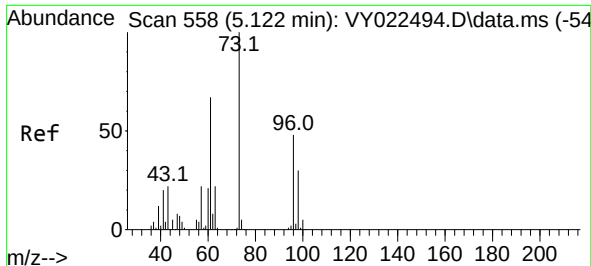
Tgt Ion: 73 Resp: 114382
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0



#20
Methylene Chloride
Concen: 19.826 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 84 Resp: 45844
Ion Ratio Lower Upper
84 100
49 127.0 101.9 152.9
51 39.0 29.8 44.8
86 57.4 51.3 76.9

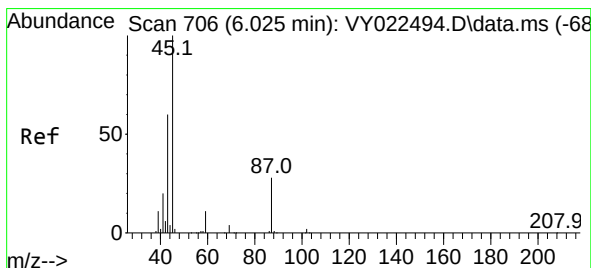
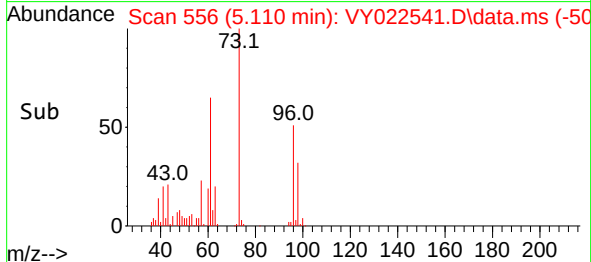
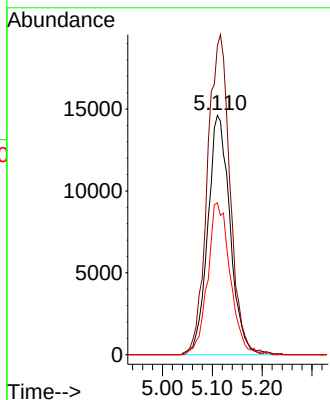
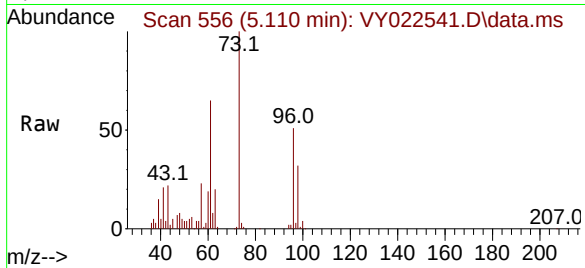




#21
trans-1,2-Dichloroethene
Concen: 21.549 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

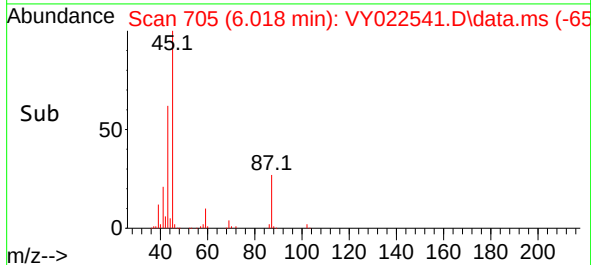
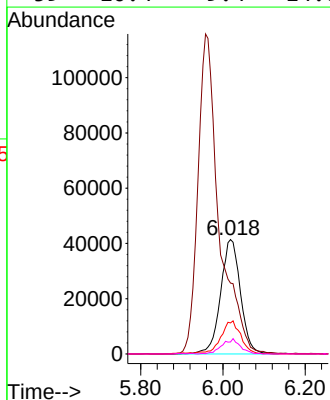
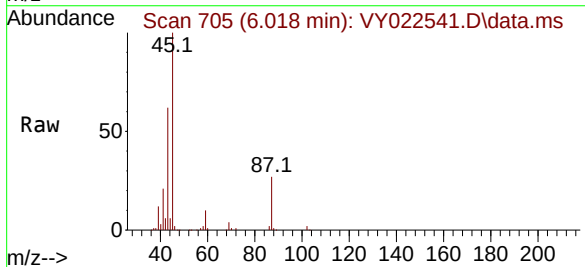
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

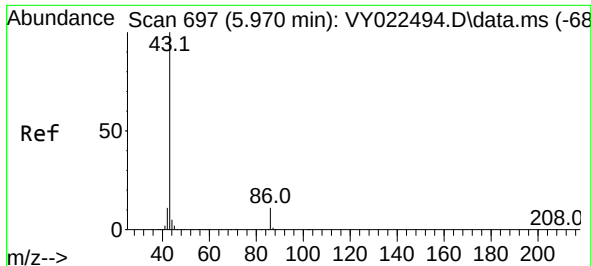
Tgt Ion: 96 Resp: 45327
Ion Ratio Lower Upper
96 100
61 129.0 112.6 169.0
98 63.4 50.6 75.8



#22
Diisopropyl ether
Concen: 21.242 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 45 Resp: 139507
Ion Ratio Lower Upper
45 100
43 61.4 48.3 72.5
87 27.1 23.0 34.6
59 10.4 9.4 14.0

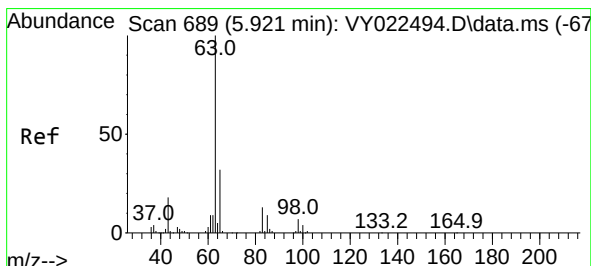
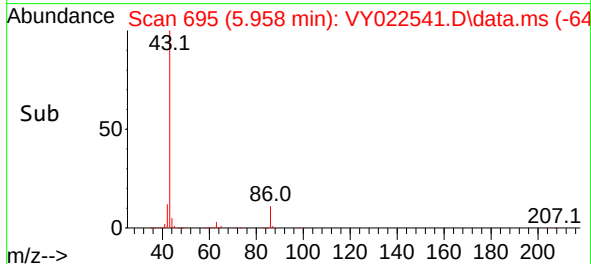
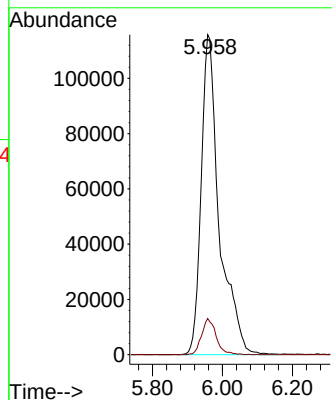
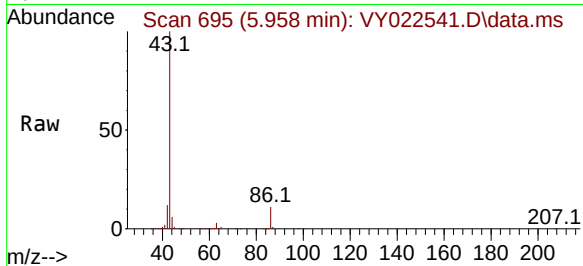




#23
 Vinyl Acetate
 Concen: 106.773 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

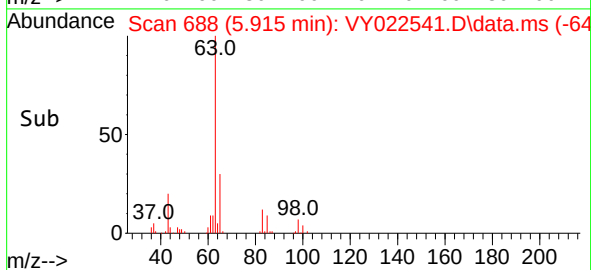
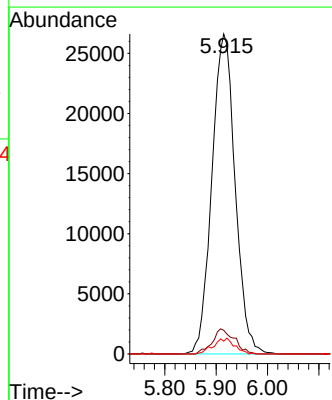
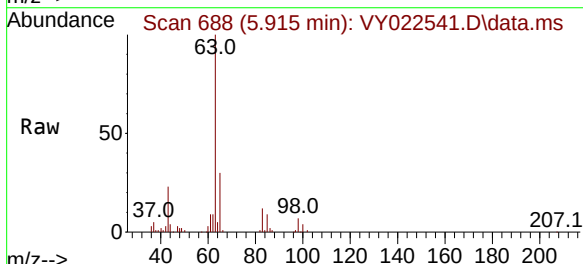
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

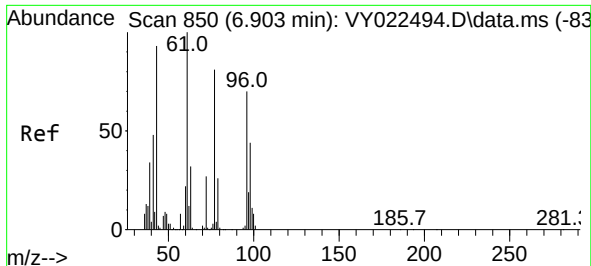
Tgt Ion: 43 Resp: 415034
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.585 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

Tgt Ion: 63 Resp: 83510
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 4.0 2.1 6.3

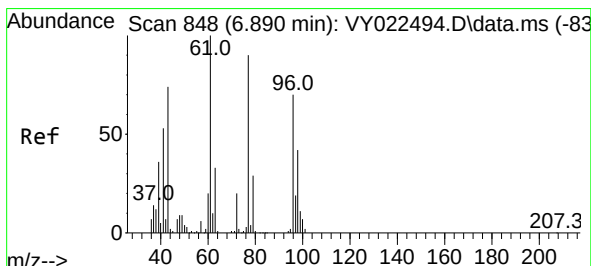
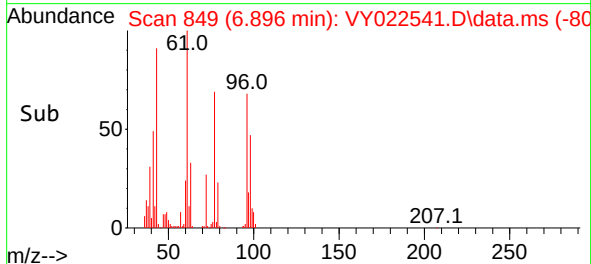
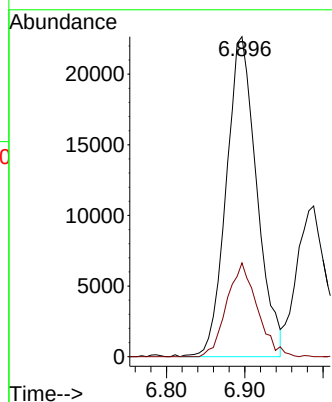
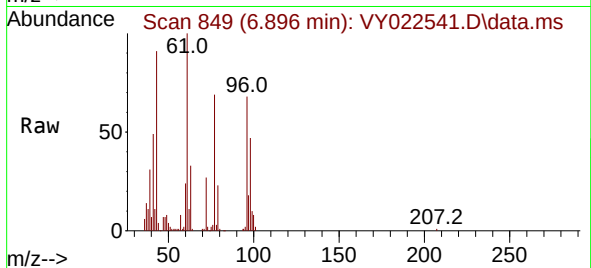




#25
2-Butanone
Concen: 104.368 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

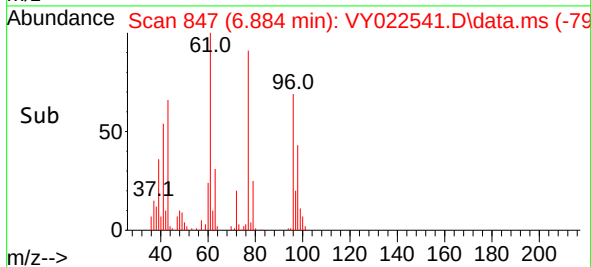
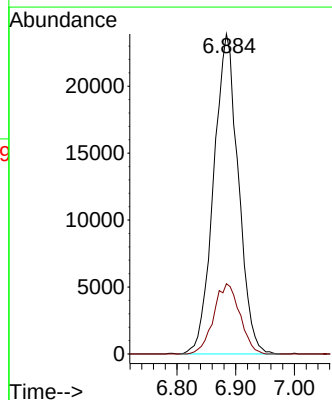
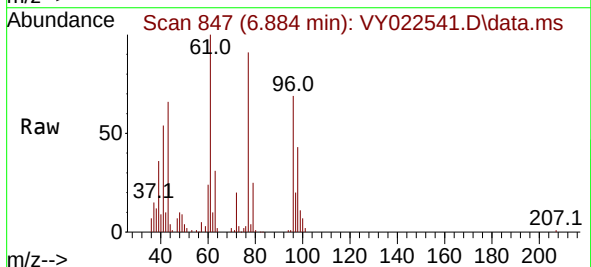
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

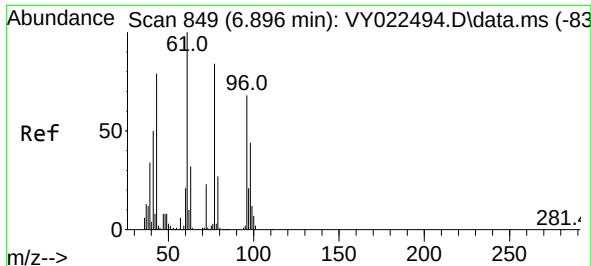
Tgt Ion: 43 Resp: 61284
Ion Ratio Lower Upper
43 100
72 29.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.378 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 77 Resp: 69661
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.407 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

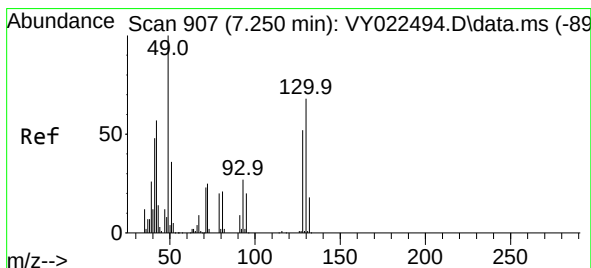
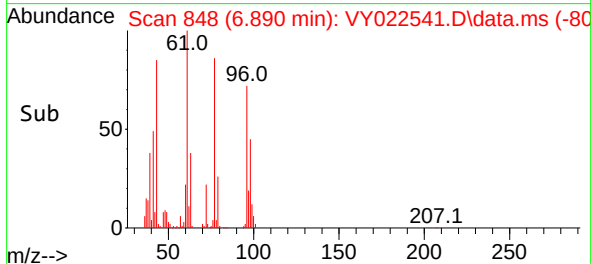
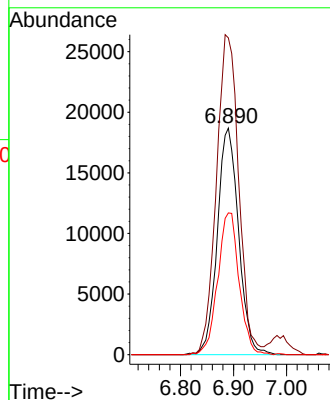
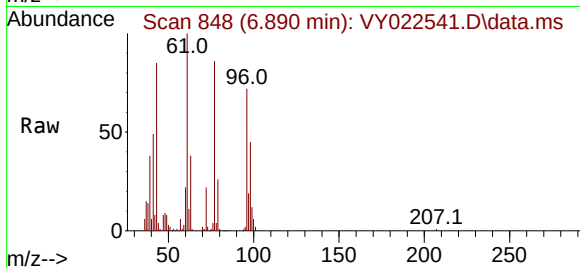
Tgt Ion: 96 Resp: 52045

Ion Ratio Lower Upper

96 100

61 148.4 0.0 290.0

98 62.9 0.0 128.4



#28

Bromochloromethane

Concen: 20.180 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

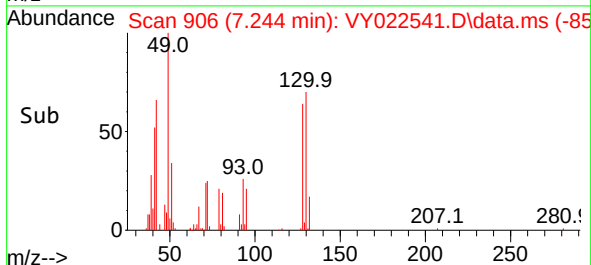
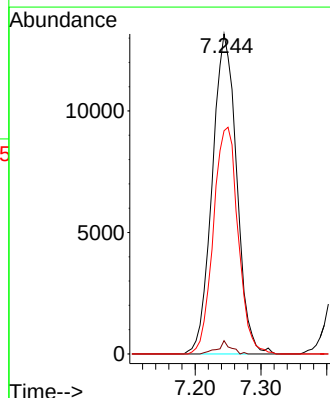
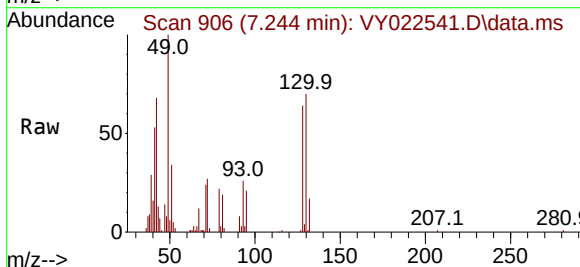
Tgt Ion: 49 Resp: 34034

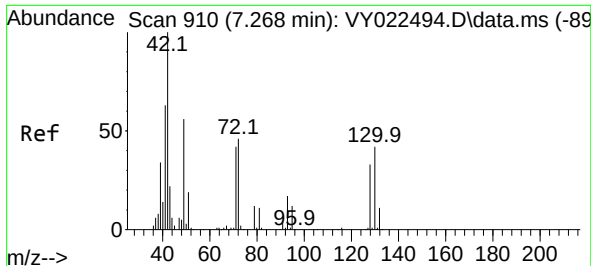
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 71.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 109.878 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

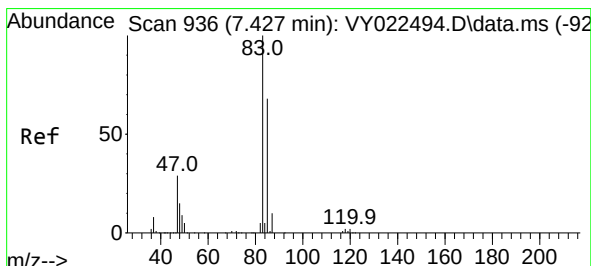
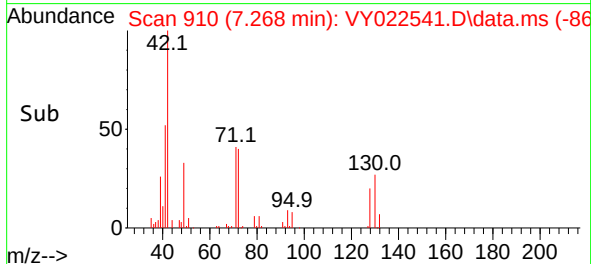
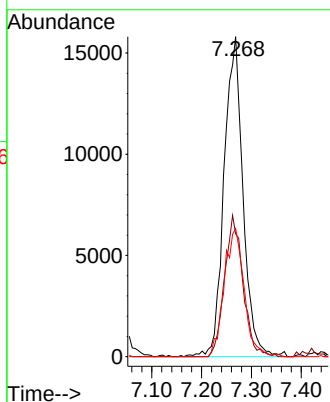
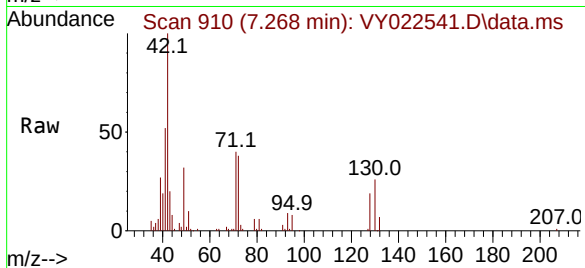
Tgt Ion: 42 Resp: 41613

Ion Ratio Lower Upper

42 100

72 43.1 37.4 56.2

71 42.2 34.2 51.2



#30

Chloroform

Concen: 21.644 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022541.D

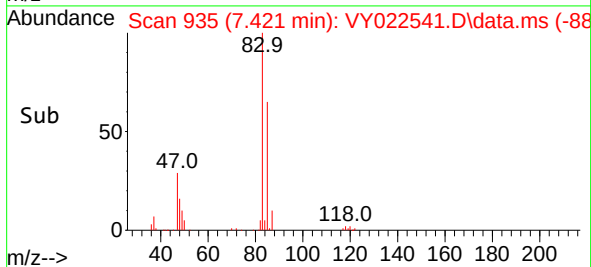
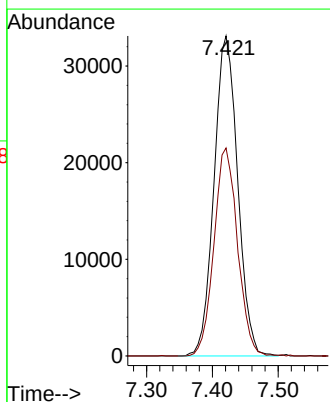
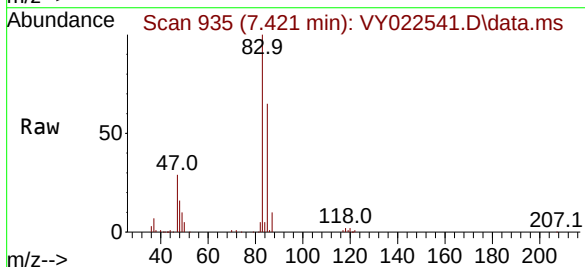
Acq: 04 Jun 2025 11:16

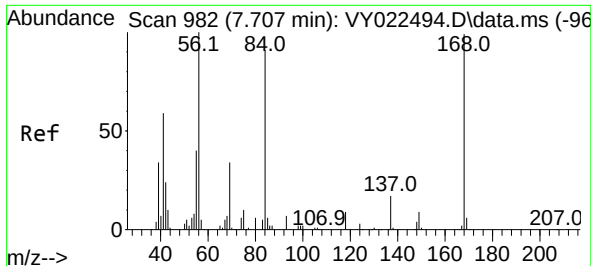
Tgt Ion: 83 Resp: 82942

Ion Ratio Lower Upper

83 100

85 65.0 54.2 81.4

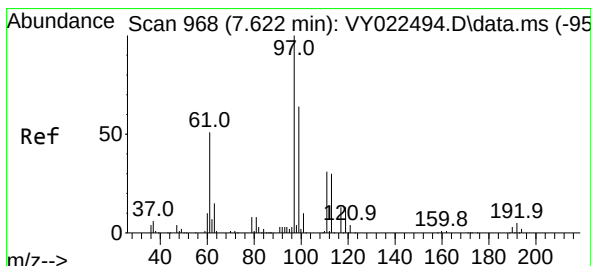
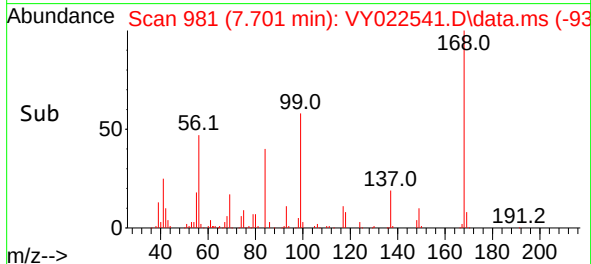
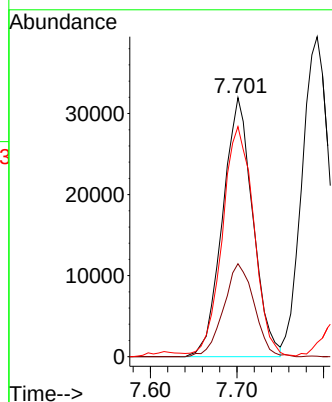
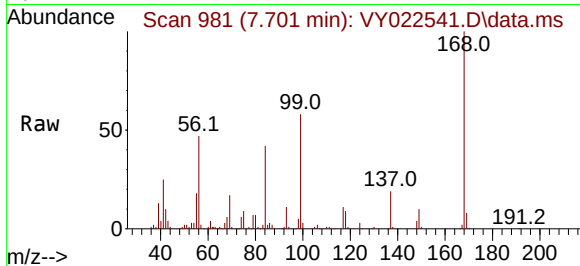




#31
Cyclohexane
Concen: 20.147 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

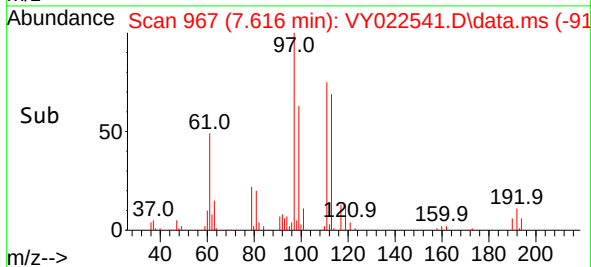
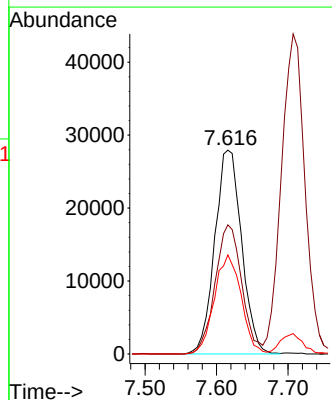
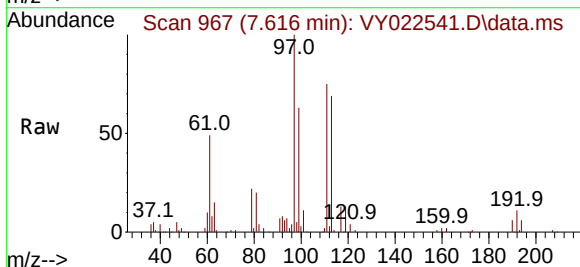
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

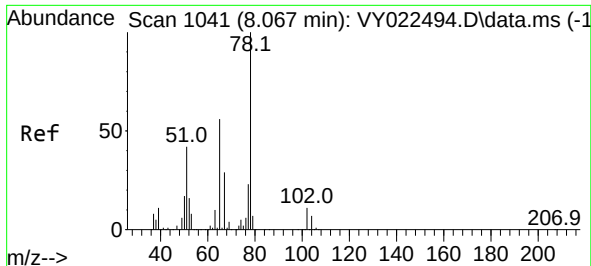
Tgt Ion: 56 Resp: 77602
Ion Ratio Lower Upper
56 100
69 35.9 27.0 40.6
84 87.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.413 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 97 Resp: 72843
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 48.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 52.120 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

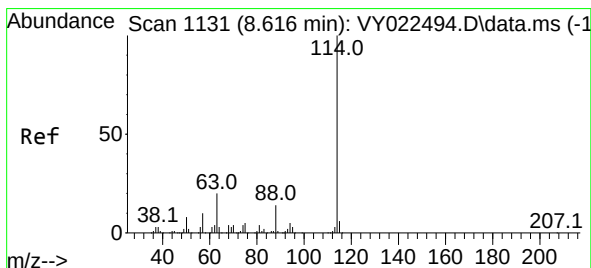
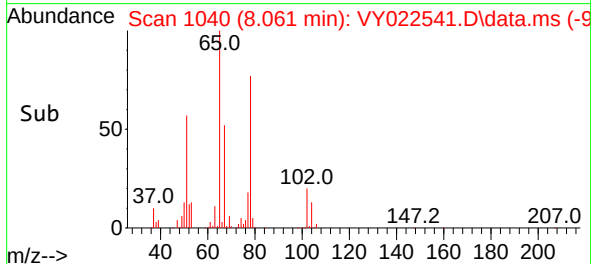
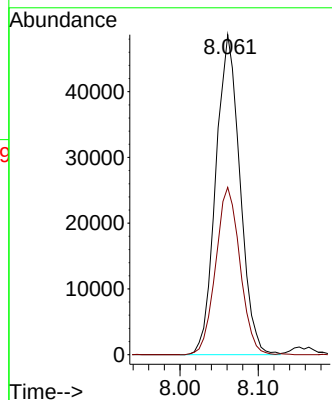
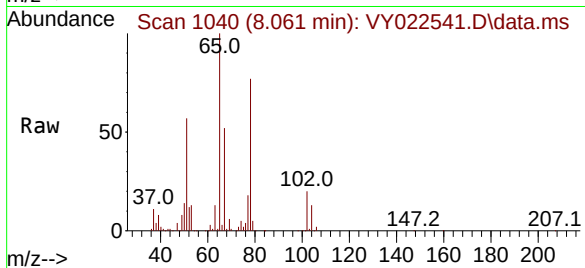
VY0604SBS01

Tgt Ion: 65 Resp: 104473

Ion Ratio Lower Upper

65 100

67 52.6 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: VY022541.D

Acq: 04 Jun 2025 11:16

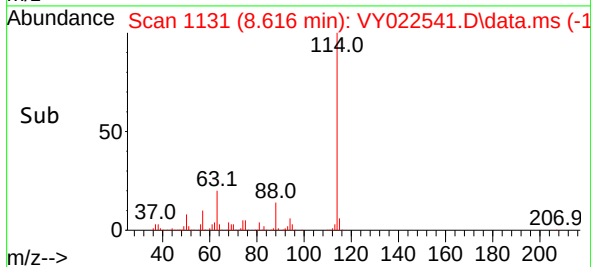
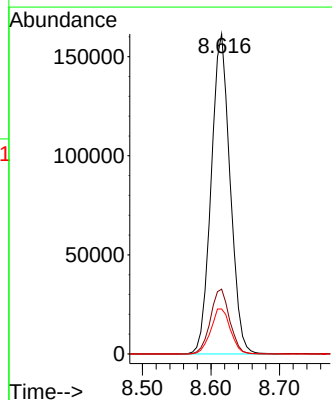
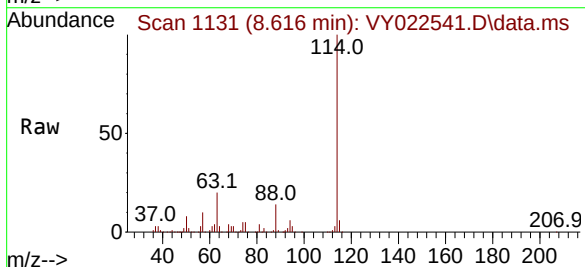
Tgt Ion: 114 Resp: 309983

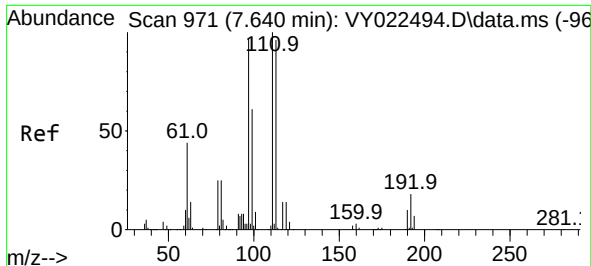
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 14.0 0.0 27.8

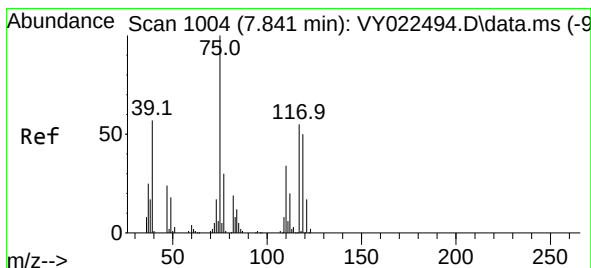
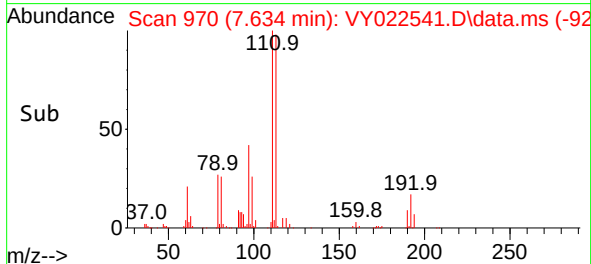
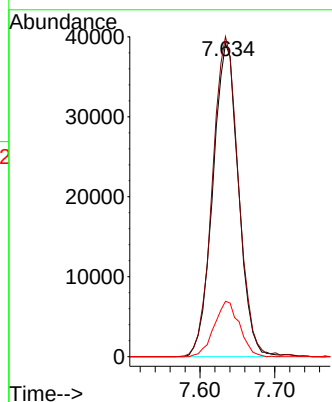
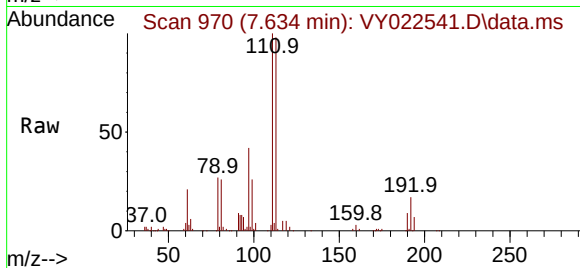




#35
Dibromofluoromethane
Concen: 50.445 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

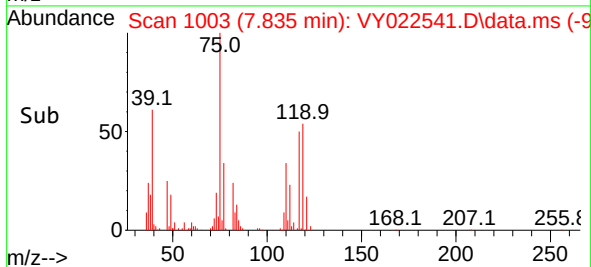
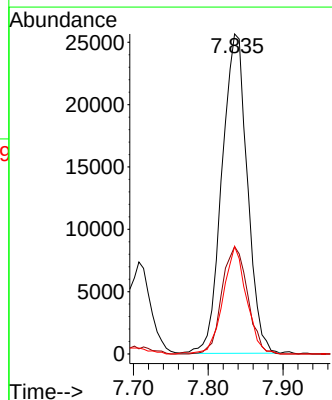
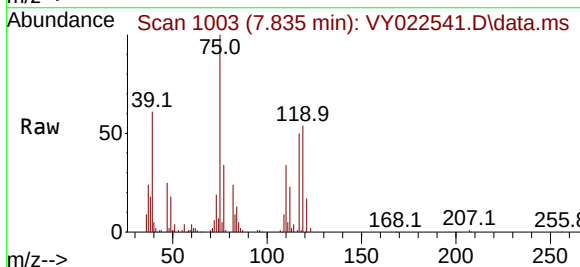
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

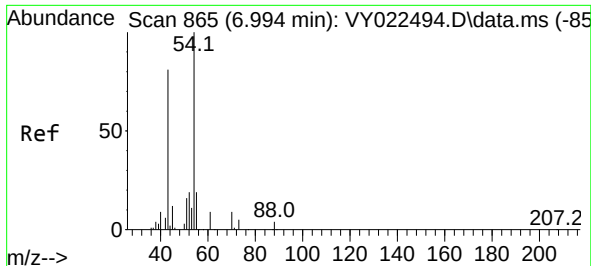
Tgt Ion:113 Resp: 93335
Ion Ratio Lower Upper
113 100
111 103.9 81.1 121.7
192 17.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.132 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 75 Resp: 60454
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.7
77 31.1 24.8 37.2

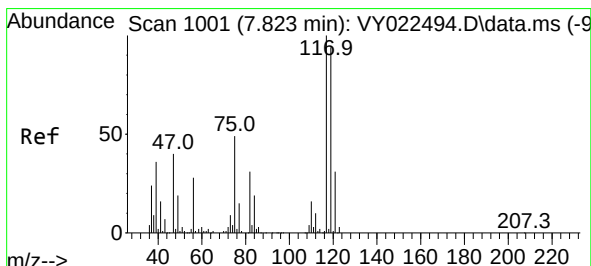
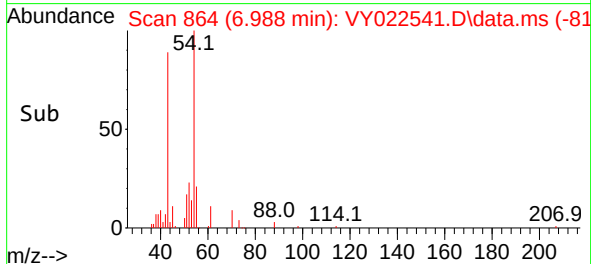
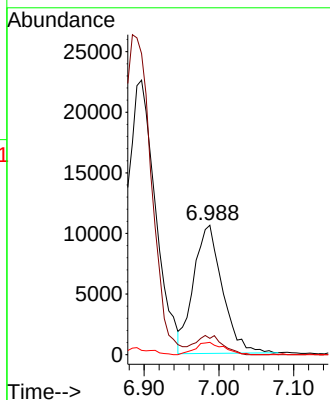
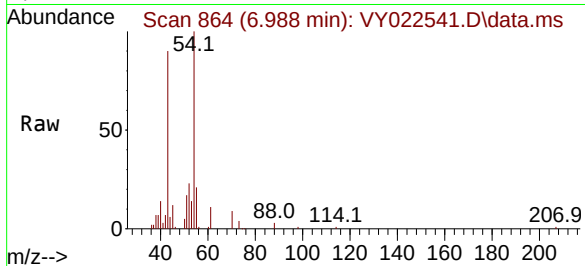




#37
Ethyl Acetate
Concen: 21.157 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

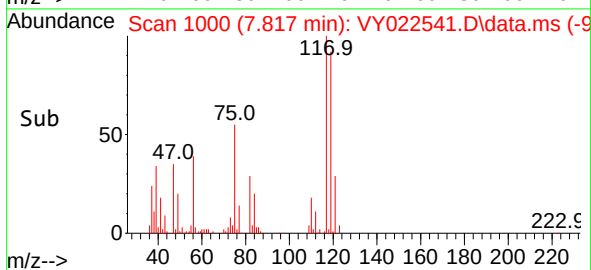
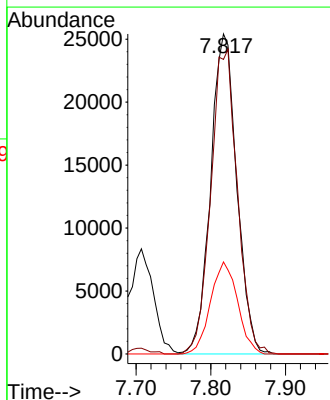
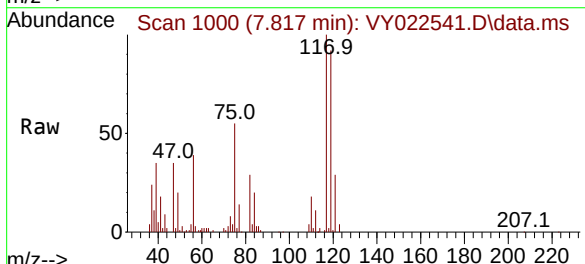
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

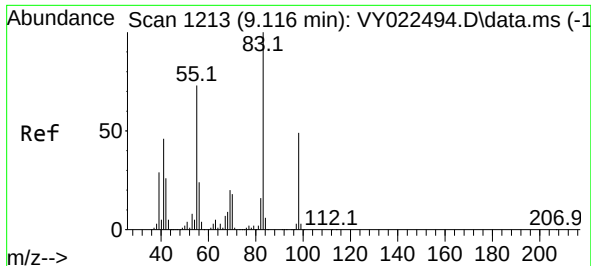
Tgt Ion: 43 Resp: 28333
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.104 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 117 Resp: 61931
Ion Ratio Lower Upper
117 100
119 92.1 75.0 112.6
121 28.7 25.0 37.4





#39

Methylcyclohexane

Concen: 19.662 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

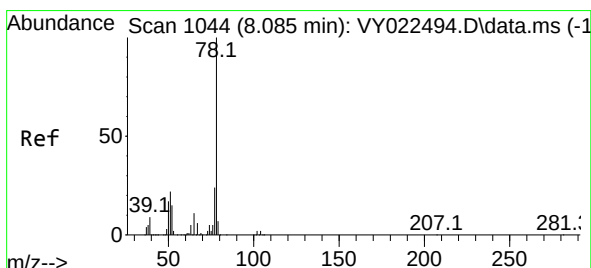
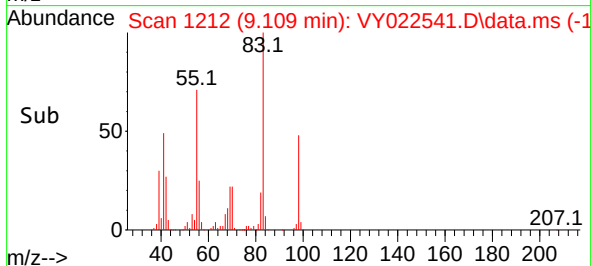
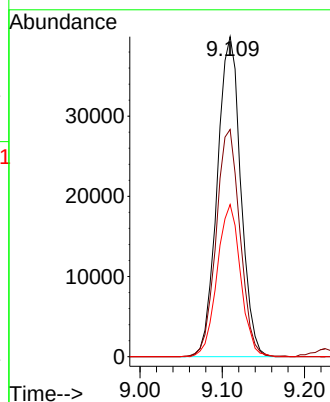
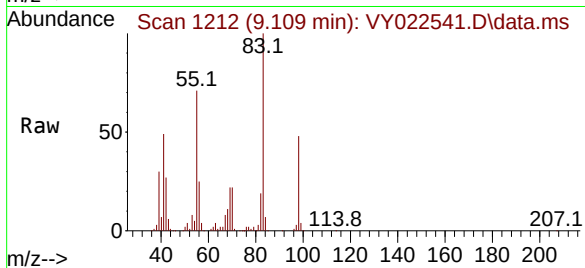
Tgt Ion: 83 Resp: 79347

Ion Ratio Lower Upper

83 100

55 71.0 58.1 87.1

98 47.6 39.0 58.6



#40

Benzene

Concen: 20.923 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022541.D

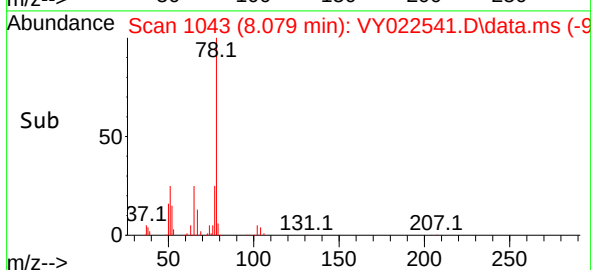
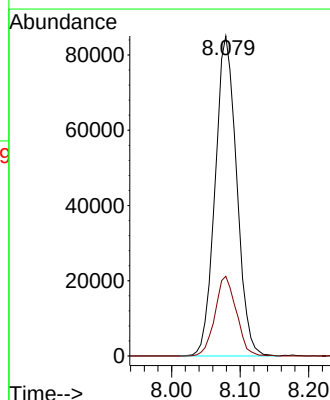
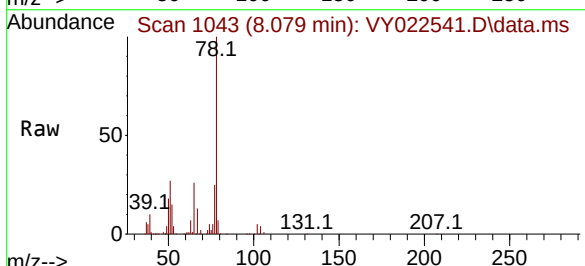
Acq: 04 Jun 2025 11:16

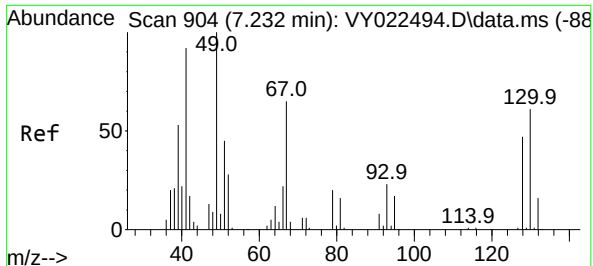
Tgt Ion: 78 Resp: 185571

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9

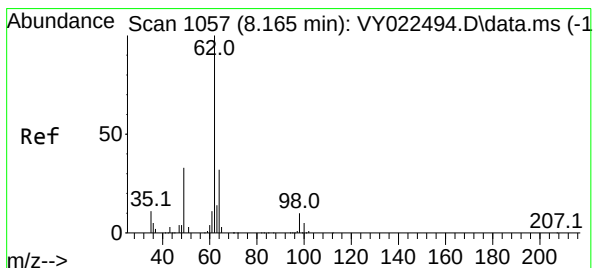
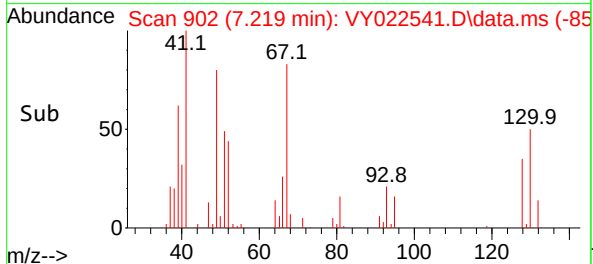
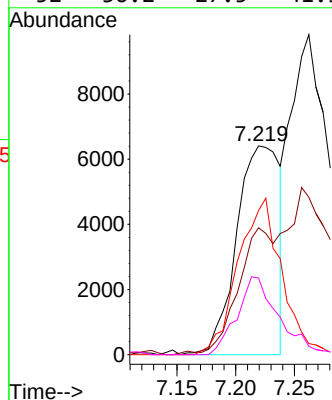
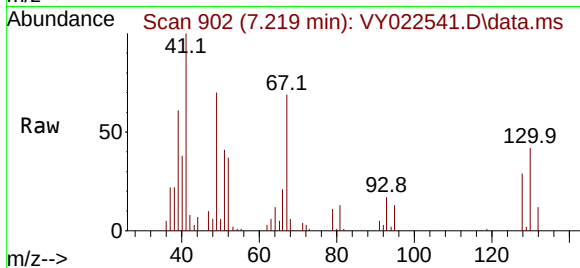




#41
Methacrylonitrile
Concen: 20.869 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

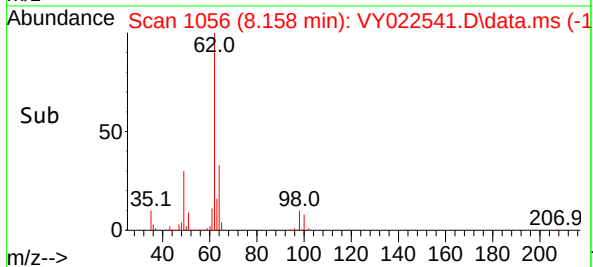
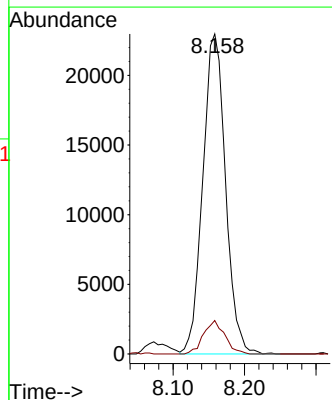
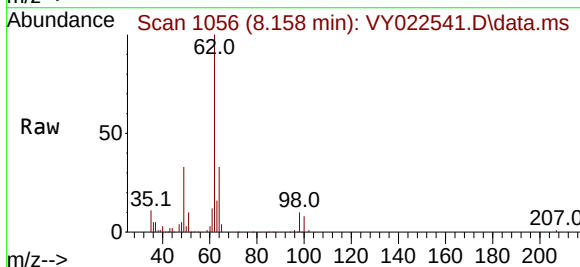
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBS01

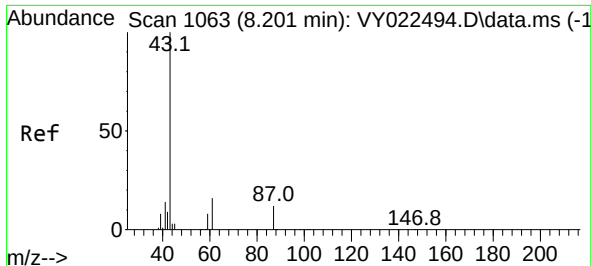
Tgt Ion:	41	Resp:	16324
Ion	Ratio	Lower	Upper
41	100		
39	49.6	46.6	69.8
67	75.7	63.3	94.9
52	36.2	27.5	41.3



#42
1,2-Dichloroethane
Concen: 20.946 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion:	62	Resp:	50725
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

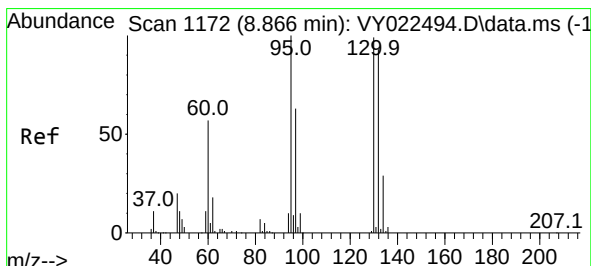
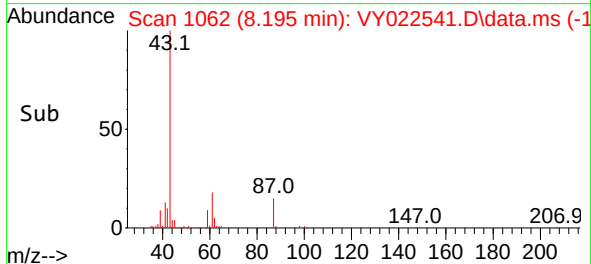
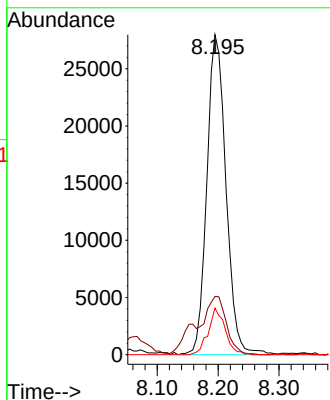
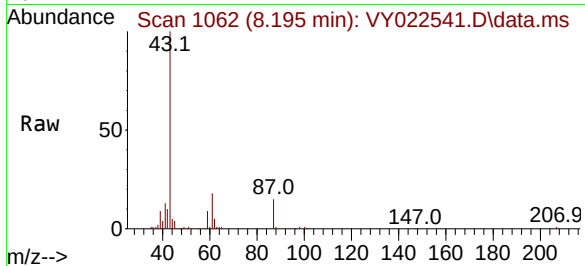




#43
Isopropyl Acetate
Concen: 21.098 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

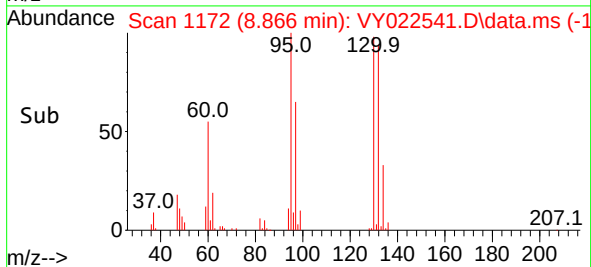
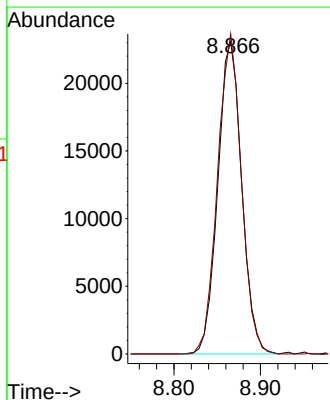
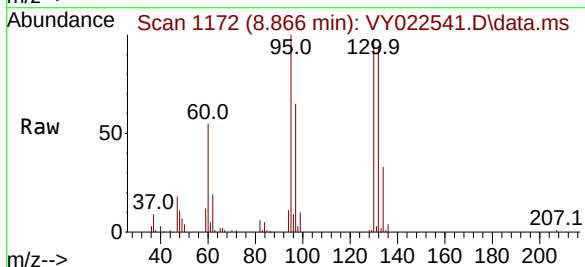
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

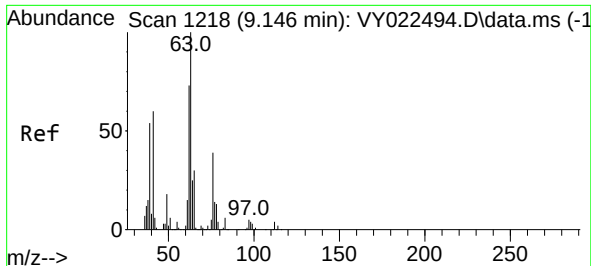
Tgt Ion: 43 Resp: 61020
Ion Ratio Lower Upper
43 100
61 20.7 15.6 23.4
87 12.9 10.2 15.4



#44
Trichloroethene
Concen: 20.422 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 130 Resp: 44269
Ion Ratio Lower Upper
130 100
95 102.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.194 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

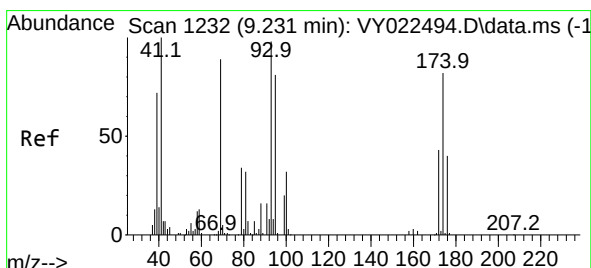
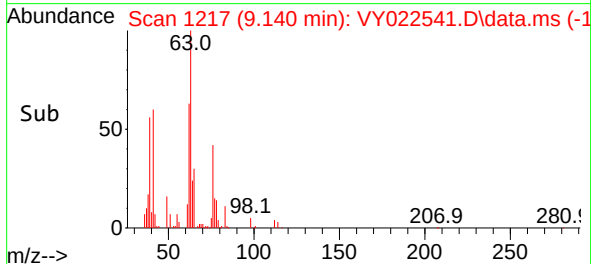
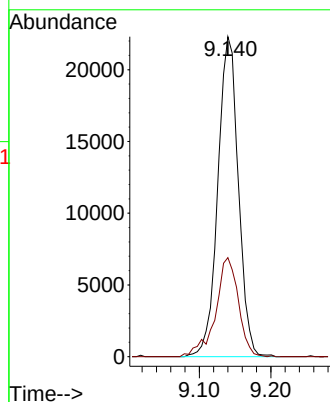
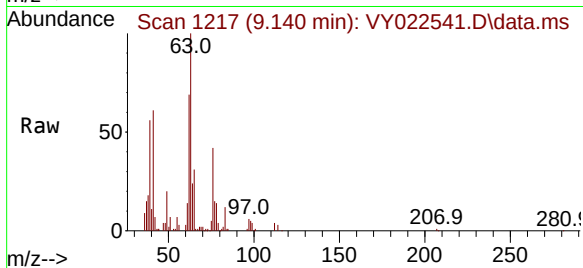
VY0604SBSD01

Tgt Ion: 63 Resp: 44426

Ion Ratio Lower Upper

63 100

65 31.0 24.0 36.0



#46

Dibromomethane

Concen: 20.930 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

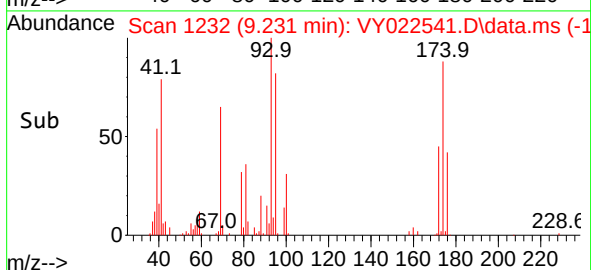
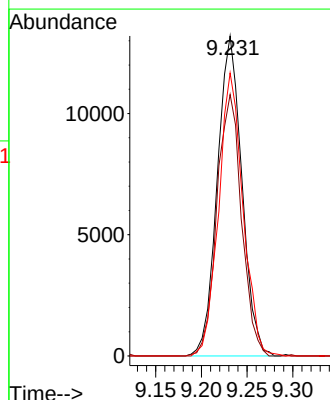
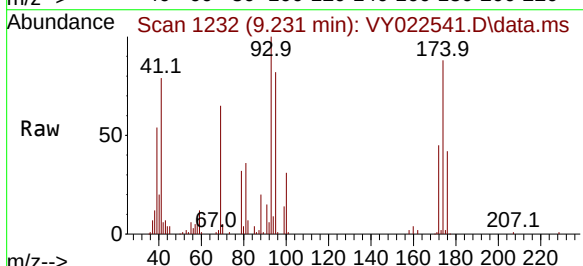
Tgt Ion: 93 Resp: 24682

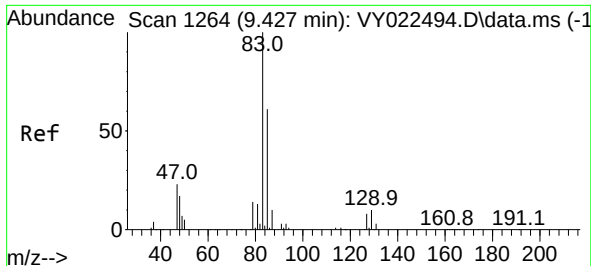
Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

174 87.5 70.4 105.6

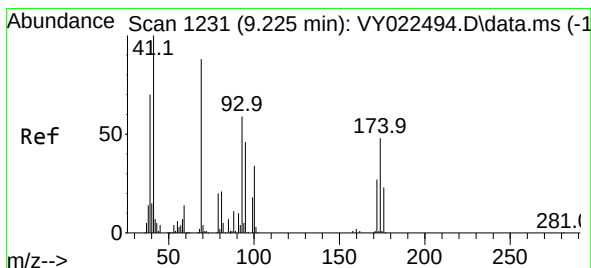
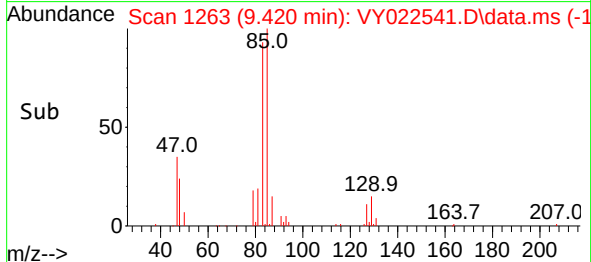
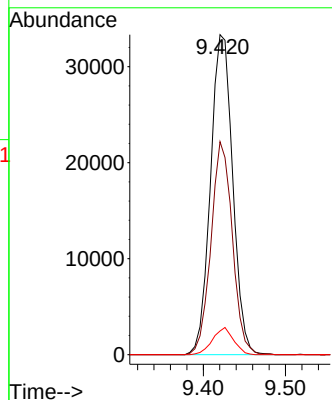
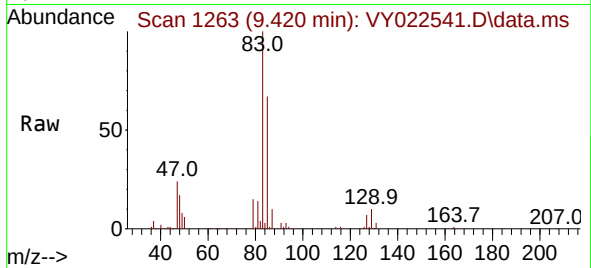




#47
Bromodichloromethane
Concen: 20.900 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

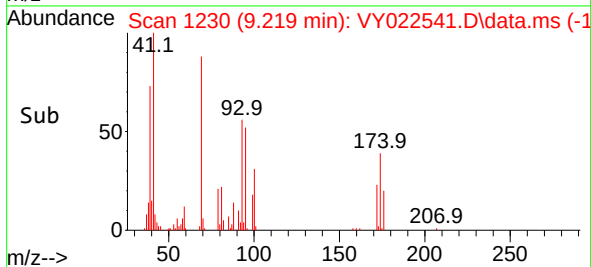
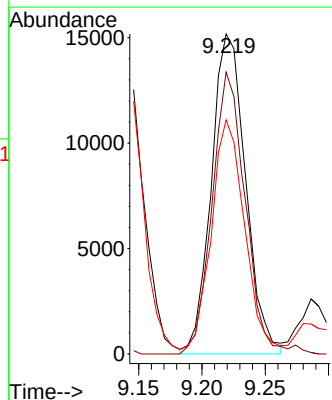
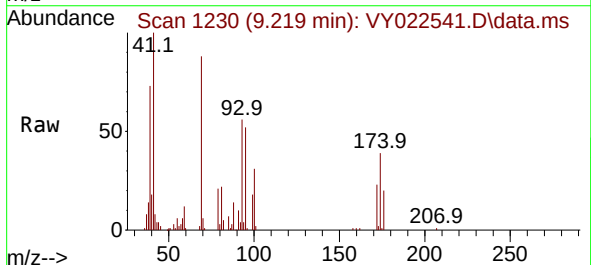
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

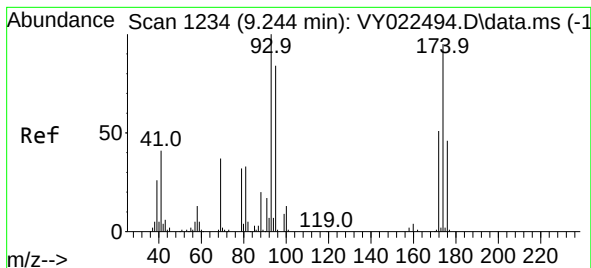
Tgt Ion: 83 Resp: 62495
Ion Ratio Lower Upper
83 100
85 66.6 49.1 73.7
127 7.4 6.2 9.4



#48
Methyl methacrylate
Concen: 21.062 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 41 Resp: 28590
Ion Ratio Lower Upper
41 100
69 85.2 67.8 101.8
39 68.9 55.0 82.4





#49

1,4-Dioxane

Concen: 416.801 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

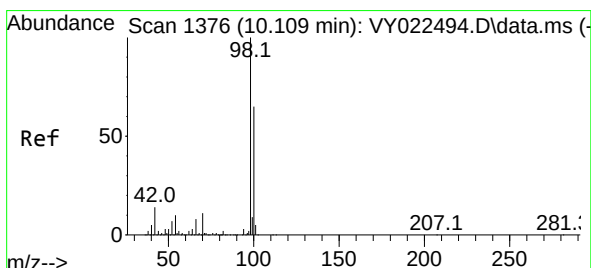
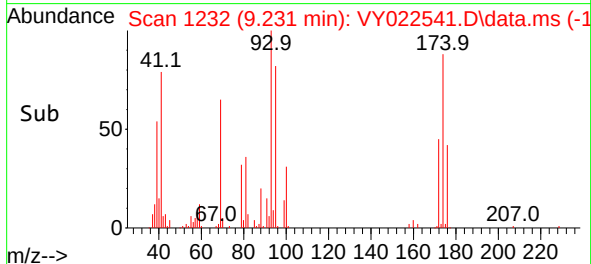
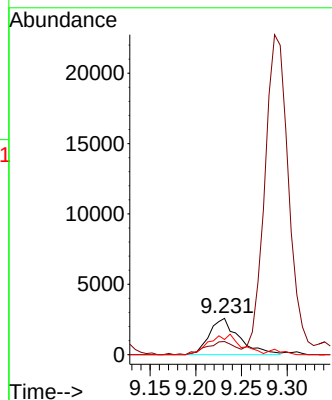
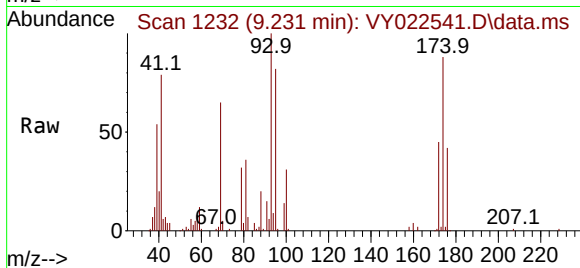
Tgt Ion: 88 Resp: 5823

Ion Ratio Lower Upper

88 100

43 35.7 25.4 38.2

58 58.7 54.9 82.3



#50

Toluene-d8

Concen: 50.361 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022541.D

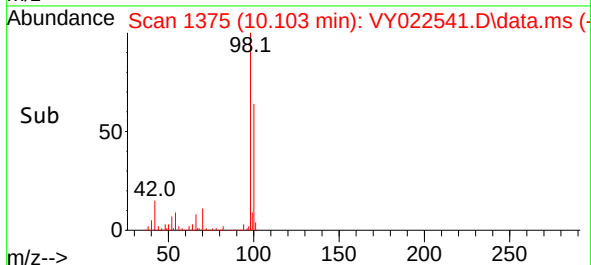
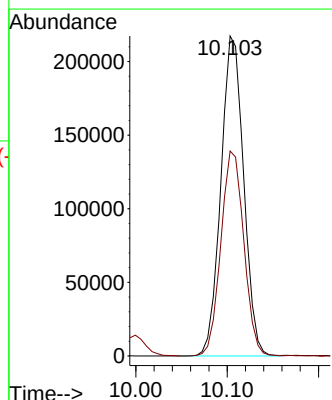
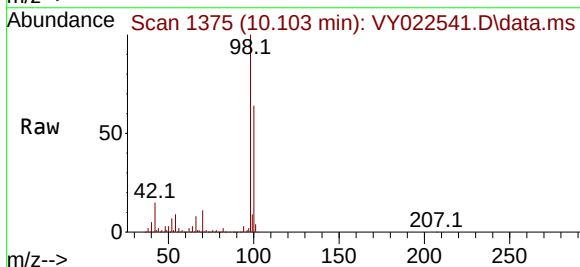
Acq: 04 Jun 2025 11:16

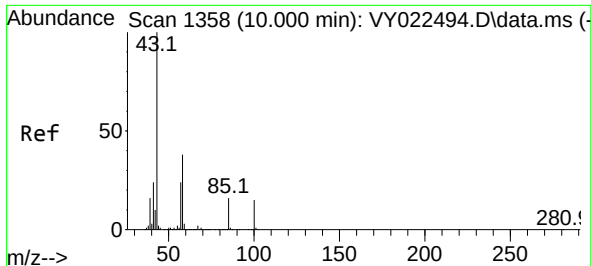
Tgt Ion: 98 Resp: 376502

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

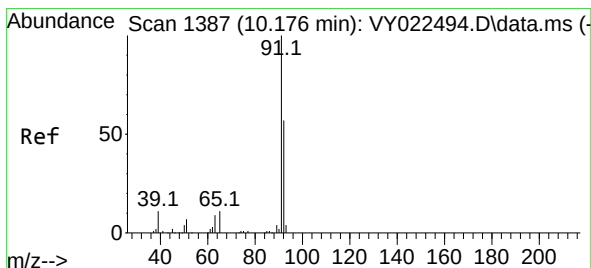
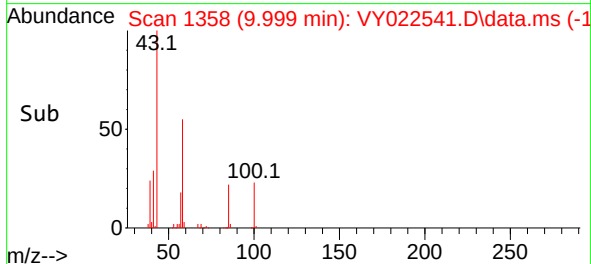
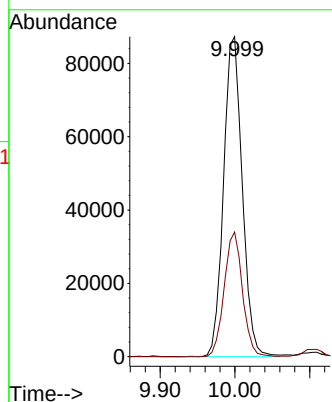
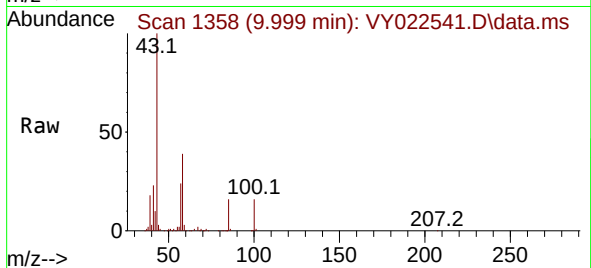




#51
4-Methyl-2-Pentanone
Concen: 105.486 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

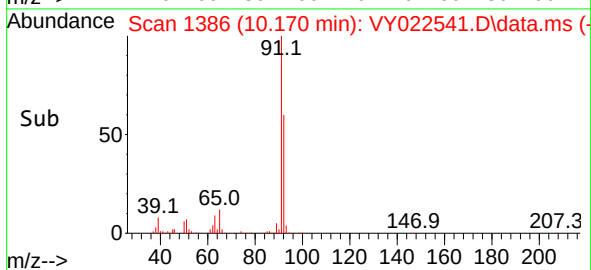
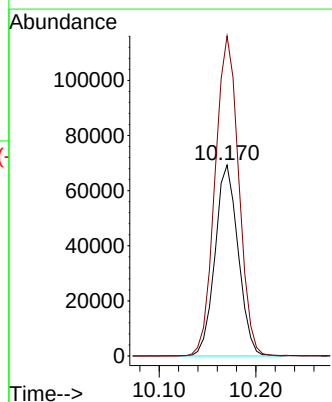
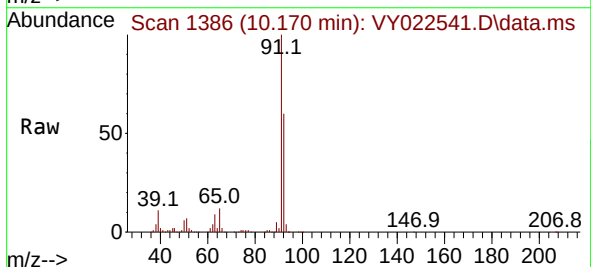
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

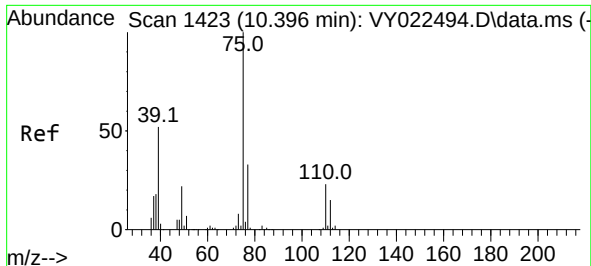
Tgt Ion: 43 Resp: 152107
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 20.606 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 92 Resp: 114854
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.4

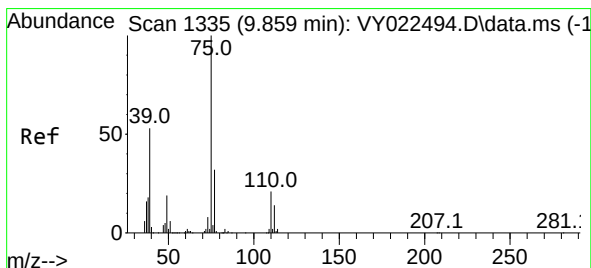
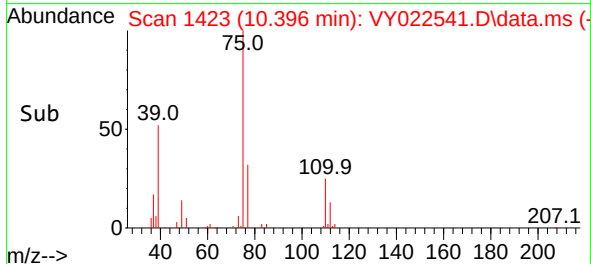
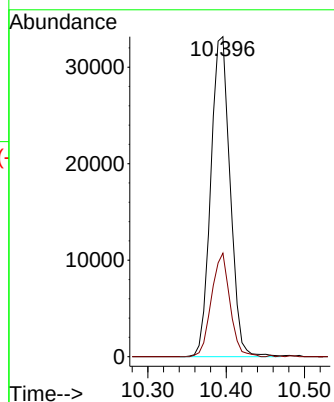
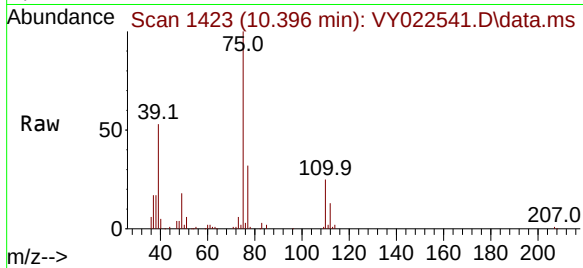




#53
t-1,3-Dichloropropene
Concen: 20.262 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

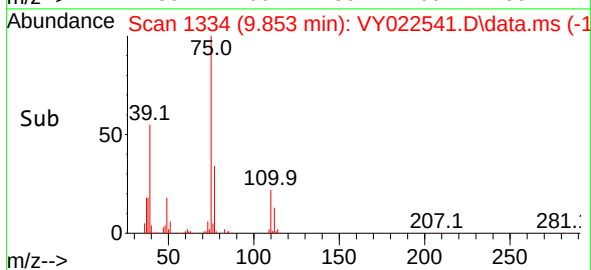
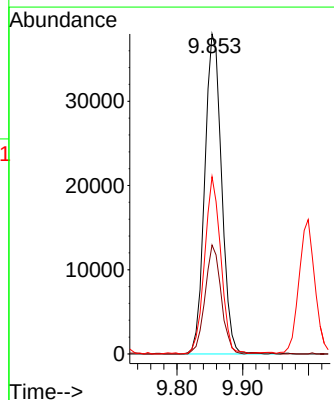
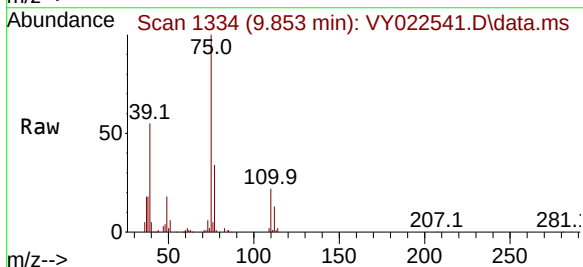
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

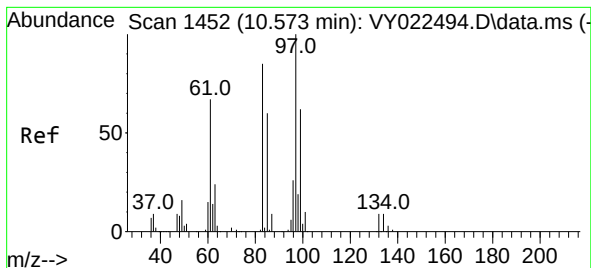
Tgt Ion: 75 Resp: 56768
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.789 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 75 Resp: 67799
Ion Ratio Lower Upper
75 100
77 34.0 25.3 37.9
39 55.4 42.7 64.1

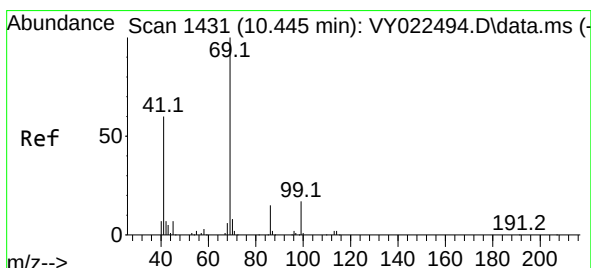
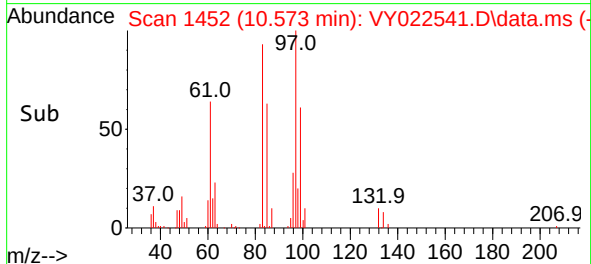
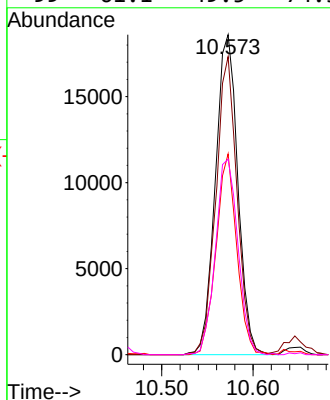
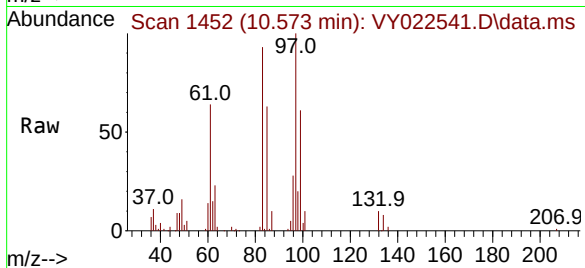




#55
1,1,2-Trichloroethane
Concen: 21.133 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

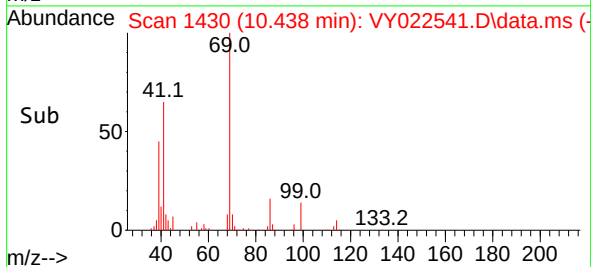
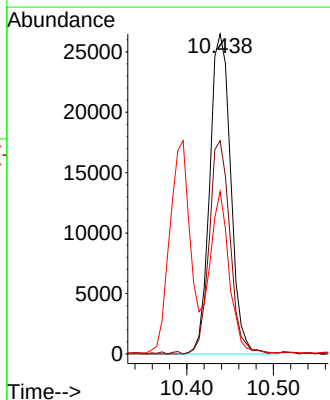
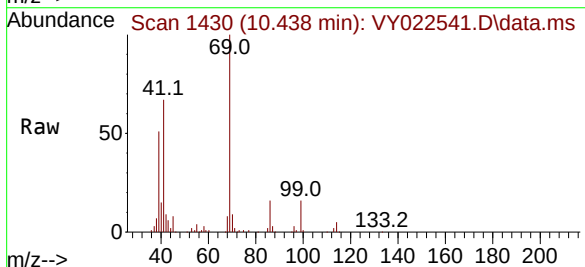
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

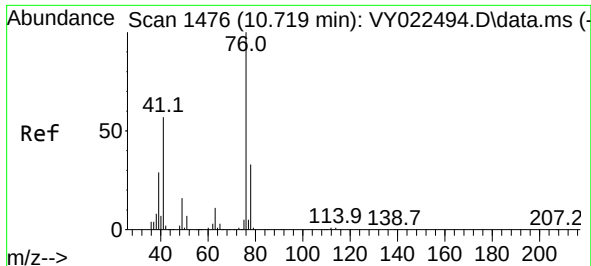
Tgt Ion:	97	Resp:	31778
Ion	Ratio	Lower	Upper
97	100		
83	93.2	68.1	102.1
85	62.8	48.2	72.2
99	61.1	49.5	74.3



#56
Ethyl methacrylate
Concen: 20.523 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion:	69	Resp:	44603
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.2	78.2
39	46.4	36.7	55.1





#57

1,3-Dichloropropane

Concen: 21.517 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

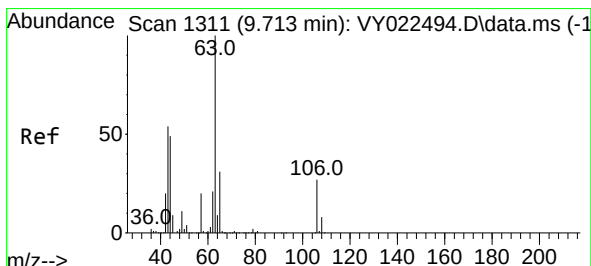
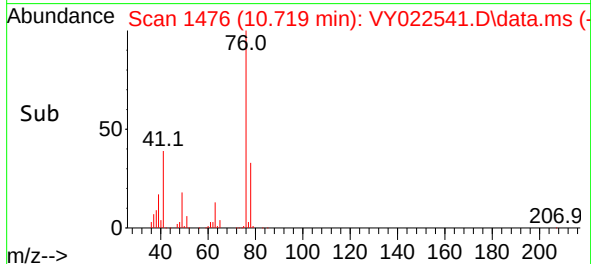
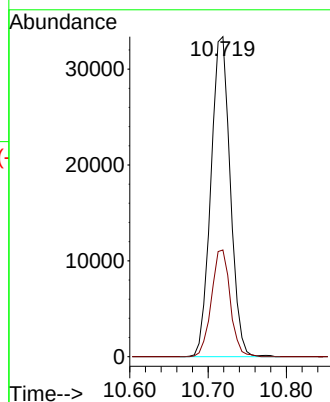
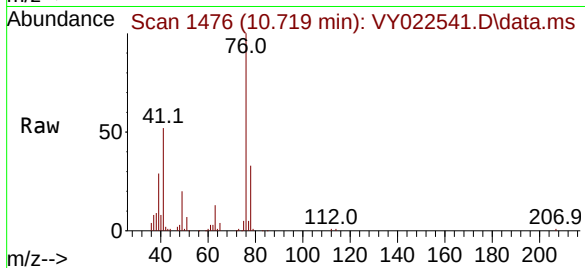
VY0604SBSD01

Tgt Ion: 76 Resp: 57346

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.936 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022541.D

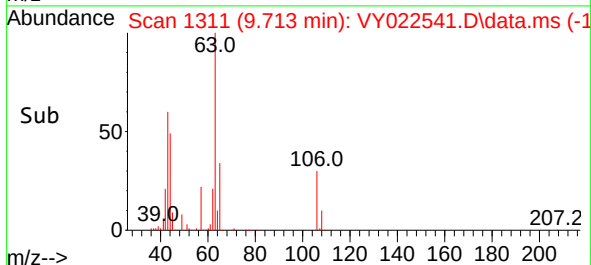
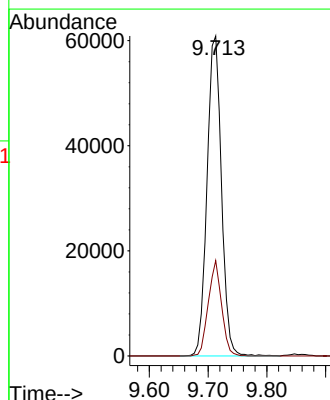
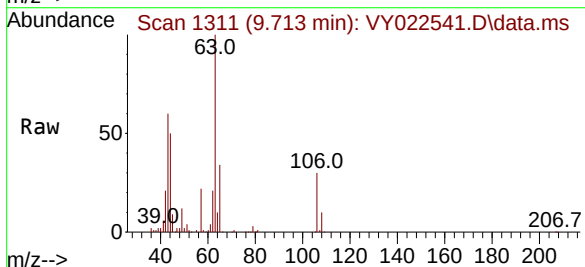
Acq: 04 Jun 2025 11:16

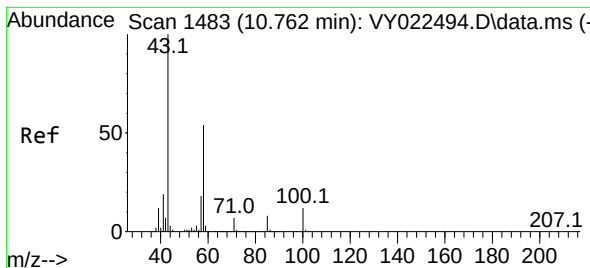
Tgt Ion: 63 Resp: 103545

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

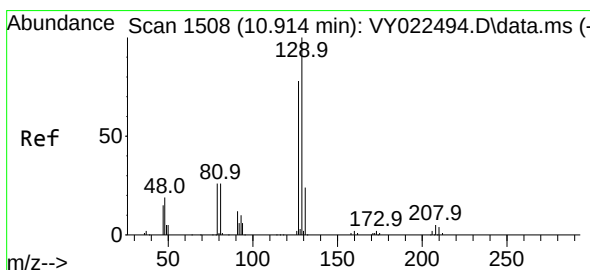
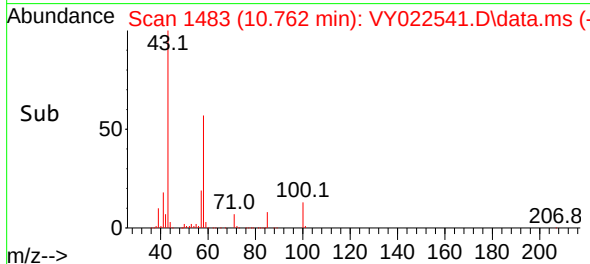
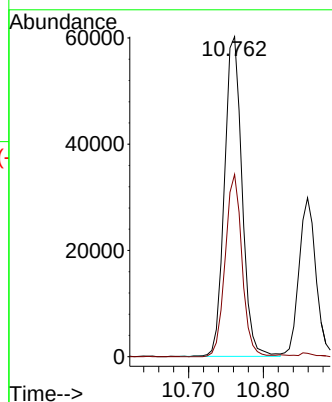
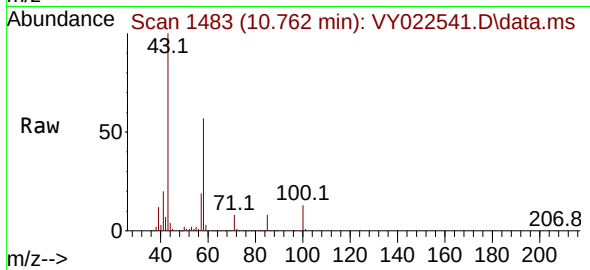




#59
2-Hexanone
Concen: 102.345 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

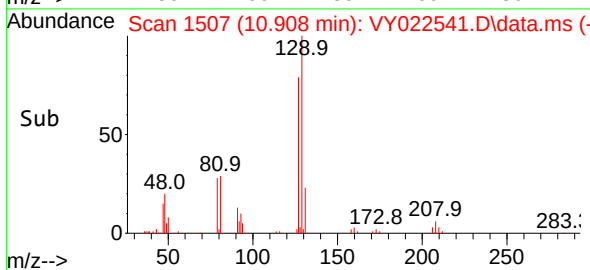
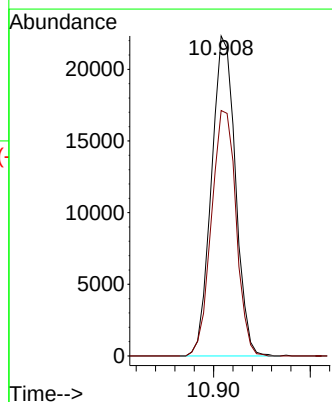
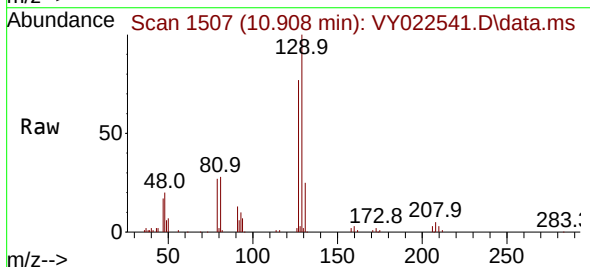
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

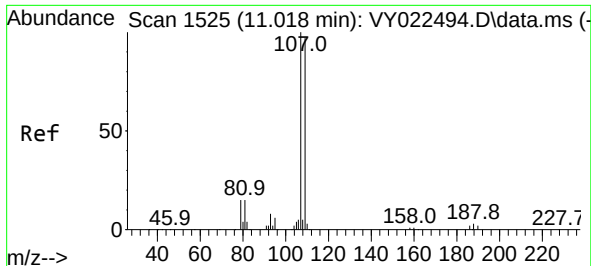
Tgt Ion: 43 Resp: 98699
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8



#60
Dibromochloromethane
Concen: 20.068 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 129 Resp: 38348
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2

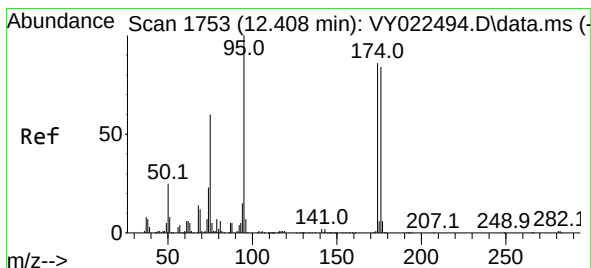
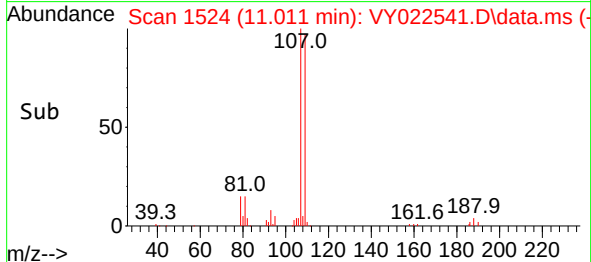
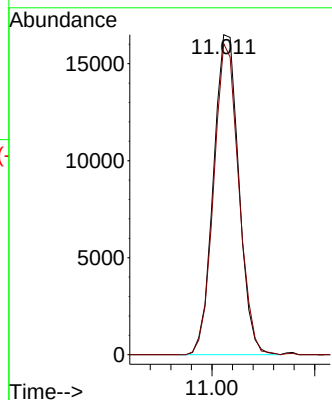
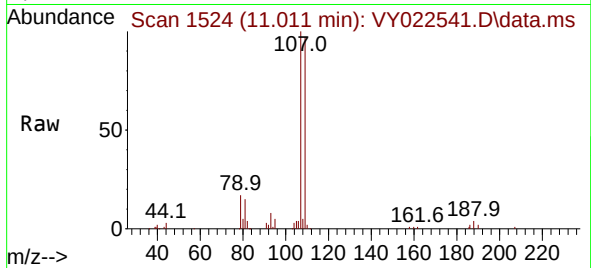




#61
1,2-Dibromoethane
Concen: 20.587 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

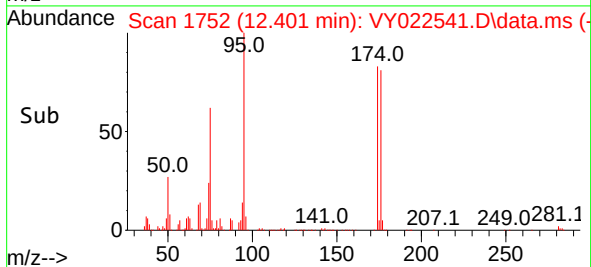
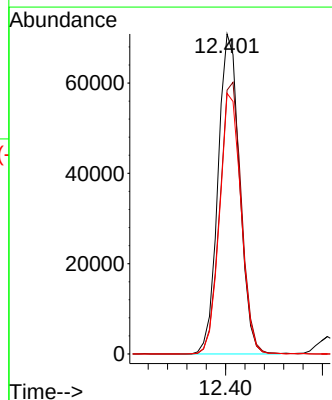
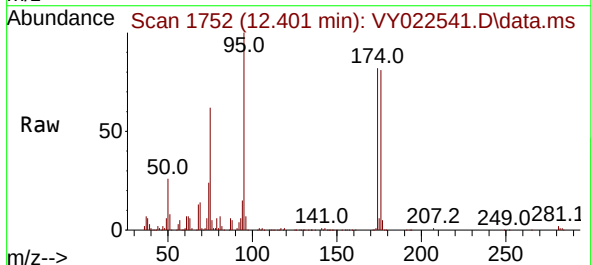
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

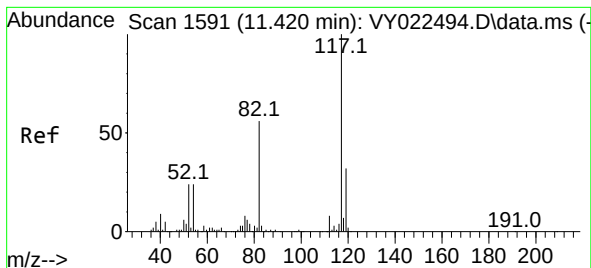
Tgt Ion:107 Resp: 28215
Ion Ratio Lower Upper
107 100
109 95.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 48.967 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 95 Resp: 109073
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.0
176 81.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

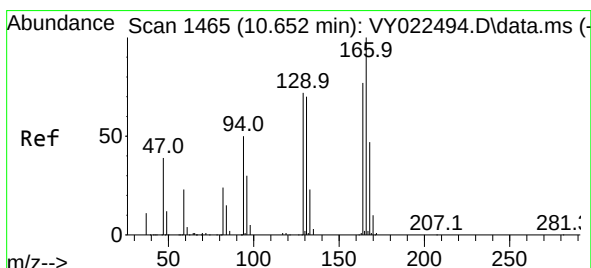
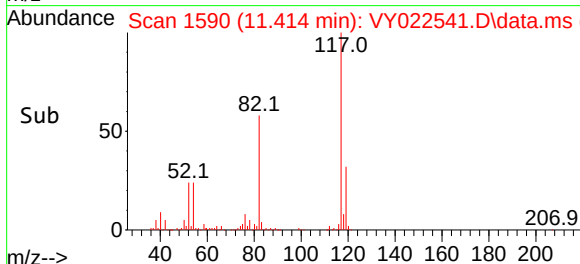
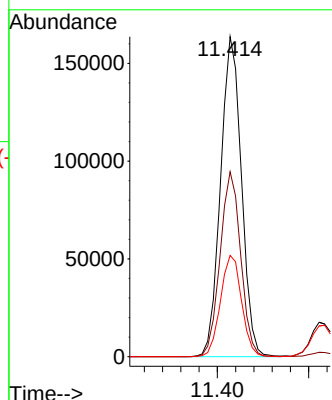
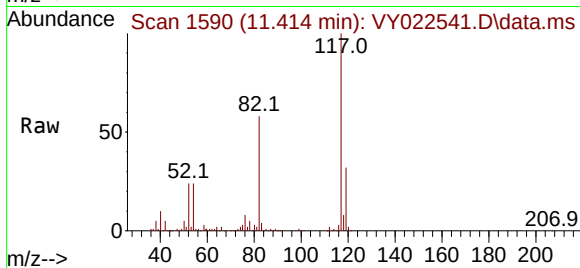
Tgt Ion:117 Resp: 260030

Ion Ratio Lower Upper

117 100

82 57.8 44.6 66.8

119 31.6 25.4 38.0



#64

Tetrachloroethene

Concen: 21.942 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Tgt Ion:164 Resp: 49080

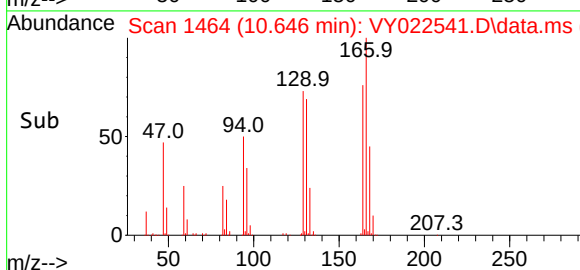
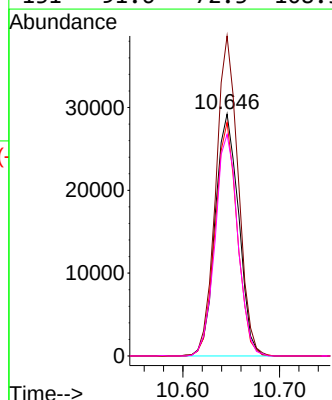
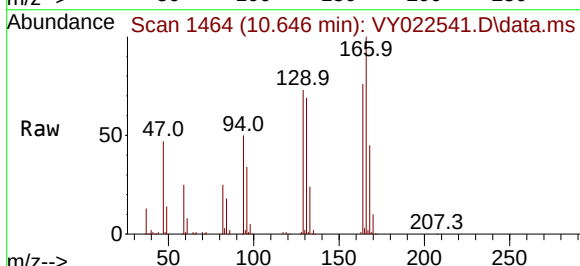
Ion Ratio Lower Upper

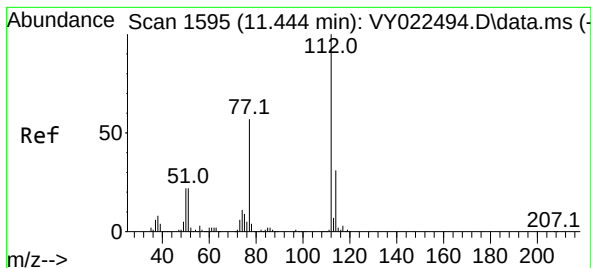
164 100

166 132.3 104.0 156.0

129 96.5 74.5 111.7

131 91.6 72.3 108.5

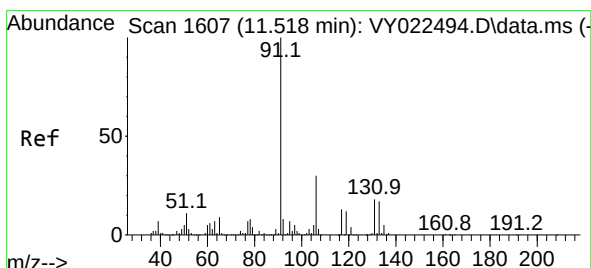
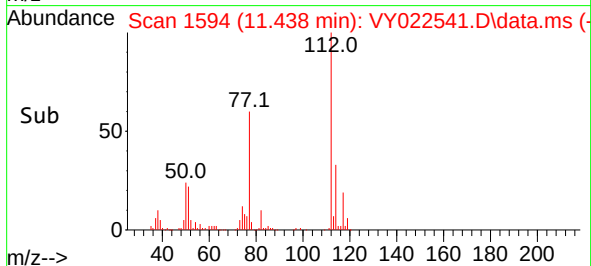
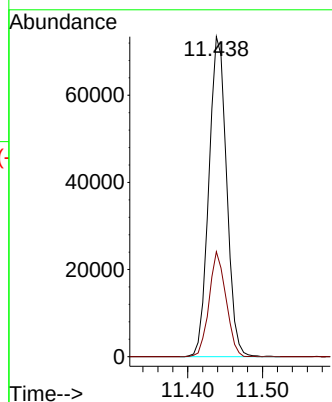
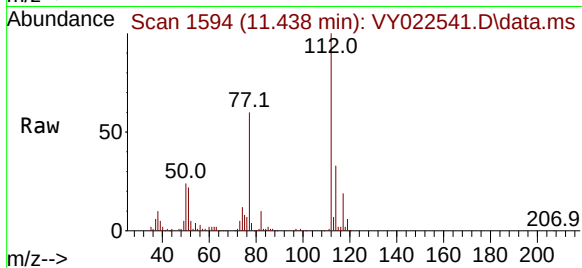




#65
Chlorobenzene
Concen: 21.030 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

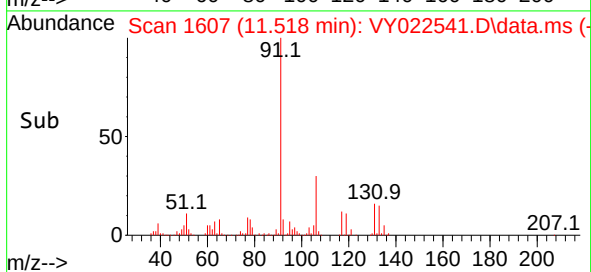
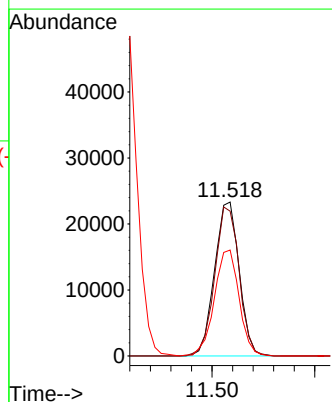
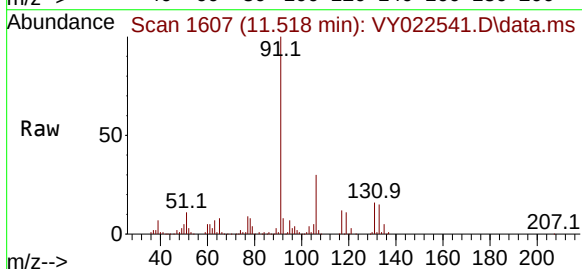
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

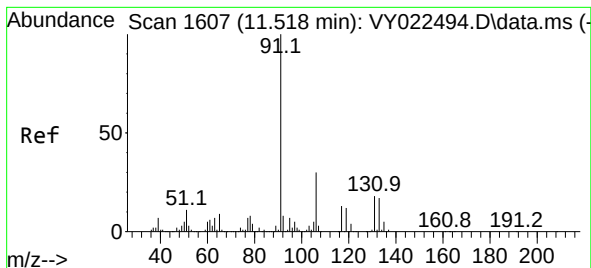
Tgt Ion:112 Resp: 121009
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.920 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion:131 Resp: 38613
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 69.5 33.1 99.3





#67

Ethyl Benzene

Concen: 20.231 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

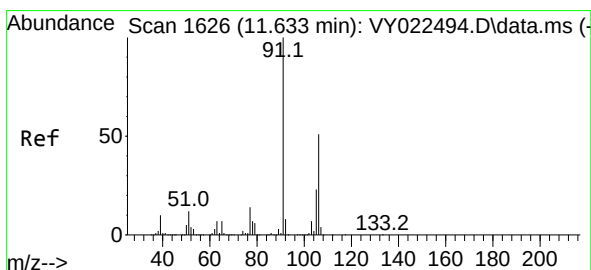
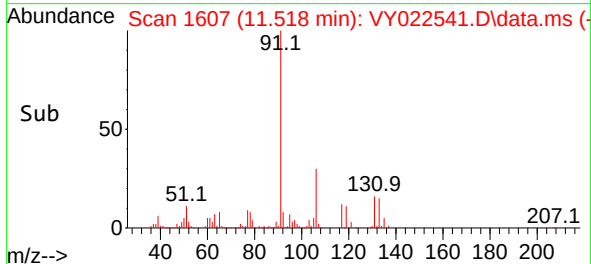
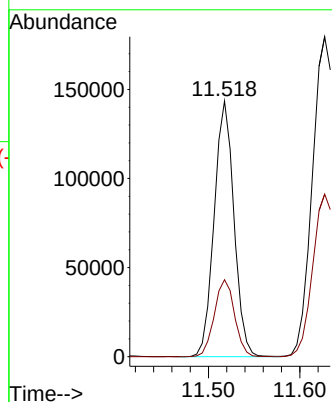
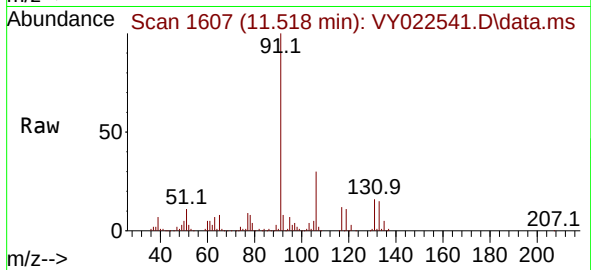
VY0604SBSD01

Tgt Ion: 91 Resp: 215923

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.4



#68

m/p-Xylenes

Concen: 40.448 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022541.D

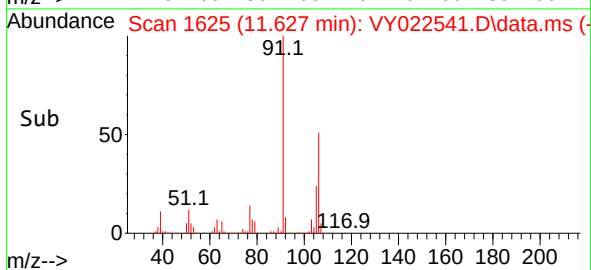
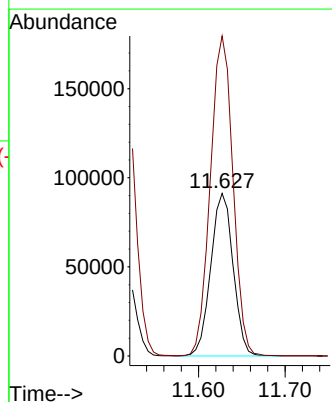
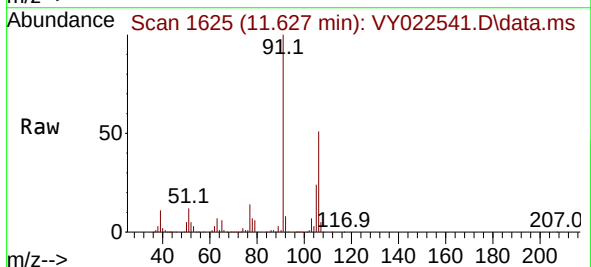
Acq: 04 Jun 2025 11:16

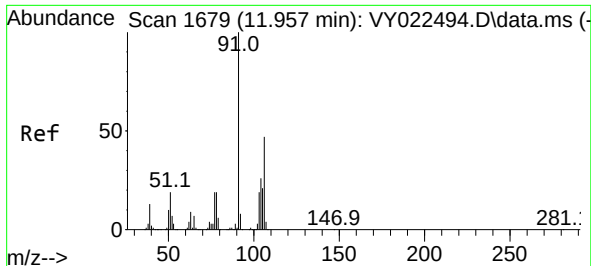
Tgt Ion:106 Resp: 163650

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

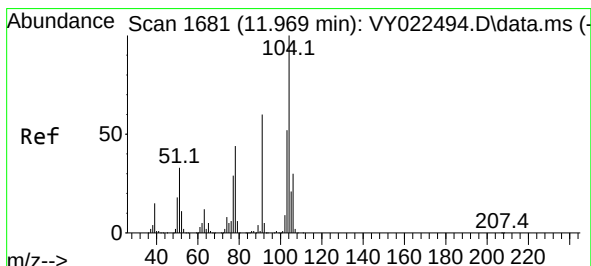
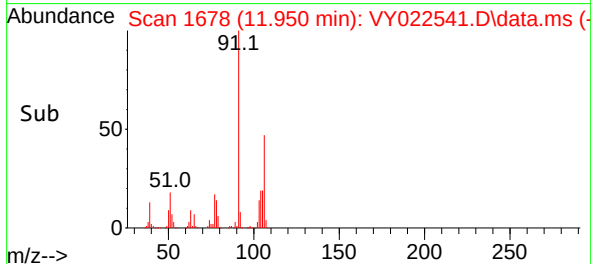
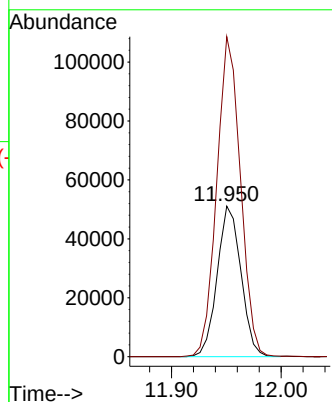
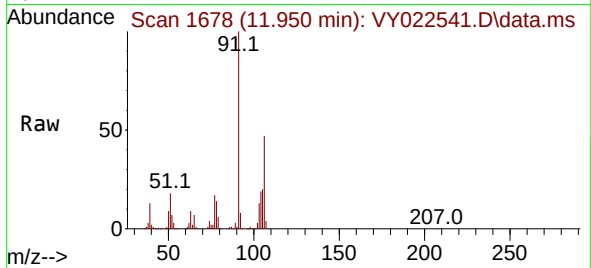




#69
o-Xylene
Concen: 20.311 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

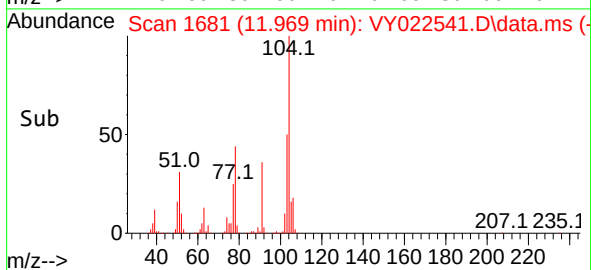
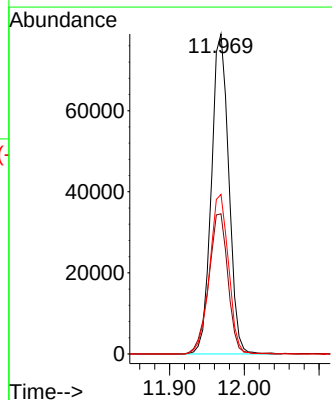
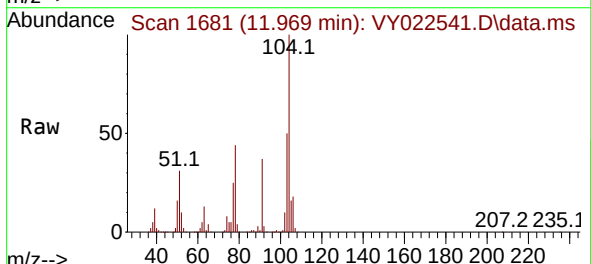
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

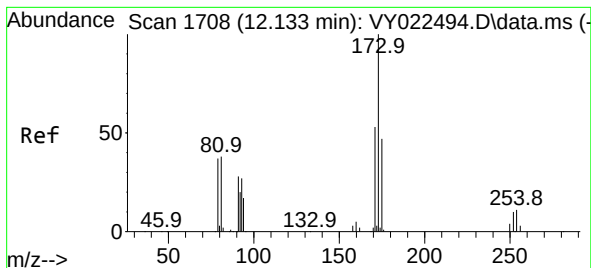
Tgt Ion:106 Resp: 77044
Ion Ratio Lower Upper
106 100
91 212.3 105.8 317.3



#70
Styrene
Concen: 20.330 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion:104 Resp: 127477
Ion Ratio Lower Upper
104 100
78 48.5 39.5 59.3
103 54.2 44.1 66.1





#71

Bromoform

Concen: 19.504 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

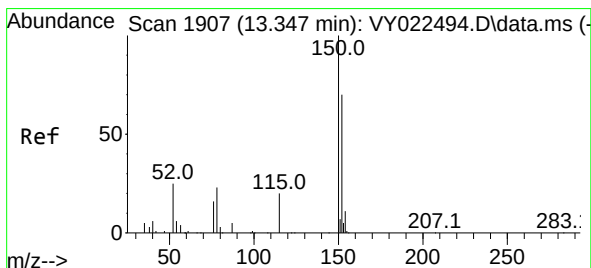
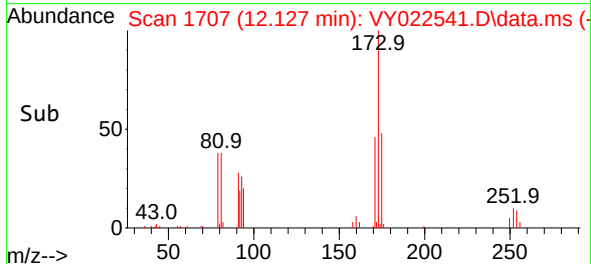
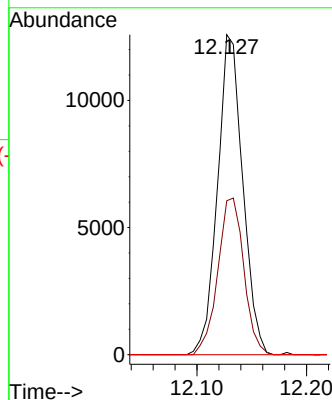
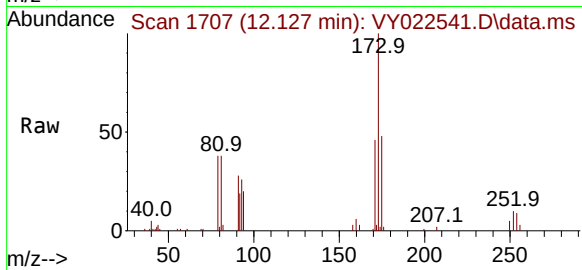
Tgt Ion:173 Resp: 20119

Ion Ratio Lower Upper

173 100

175 50.6 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

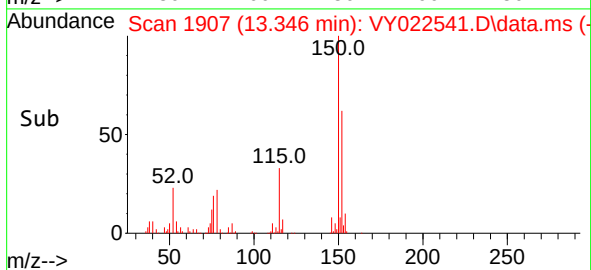
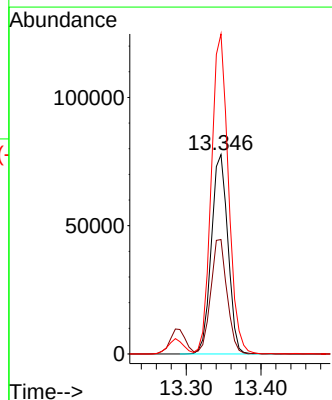
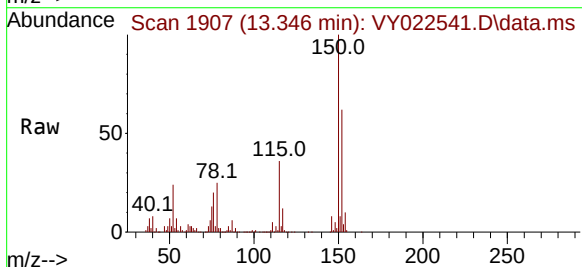
Tgt Ion:152 Resp: 119455

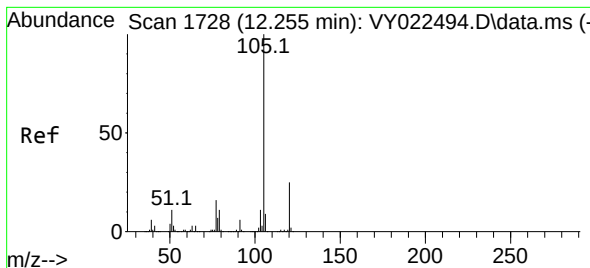
Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 165.7 0.0 349.6





#73

Isopropylbenzene

Concen: 20.270 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

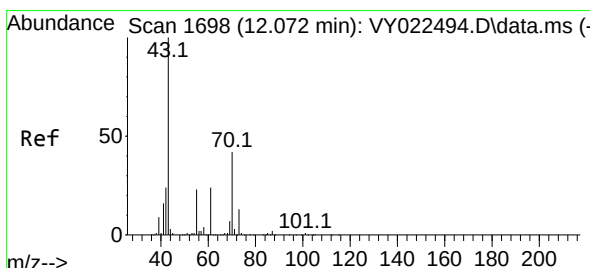
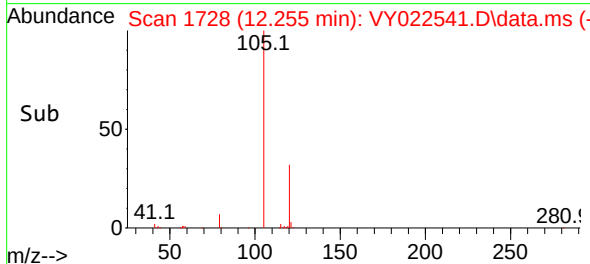
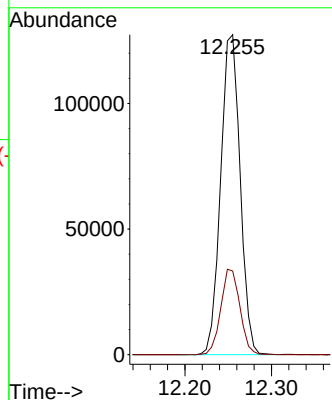
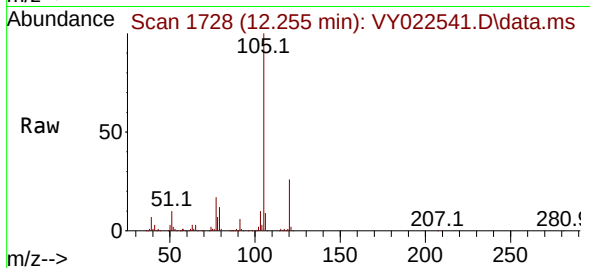
VY0604SBSD01

Tgt Ion:105 Resp: 198789

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 21.227 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Tgt Ion: 43 Resp: 52528

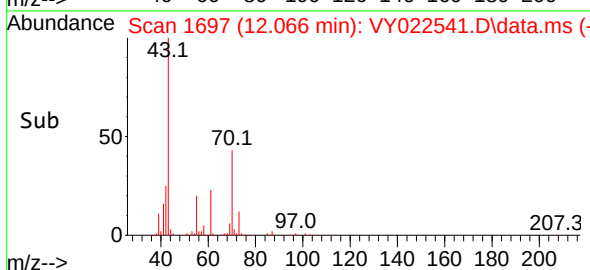
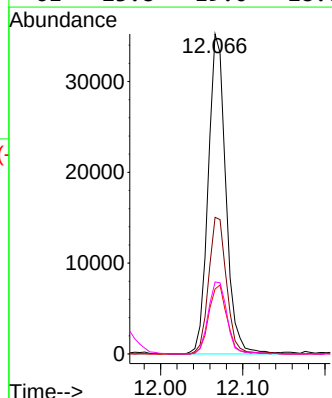
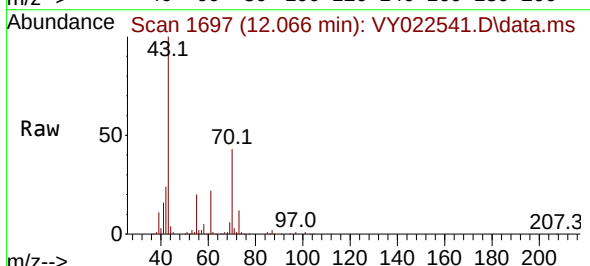
Ion Ratio Lower Upper

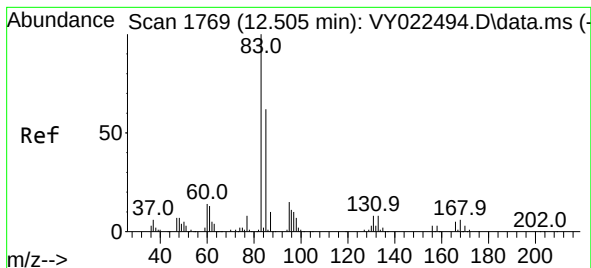
43 100

70 43.1 34.2 51.2

55 22.5 18.2 27.4

61 23.8 19.0 28.6

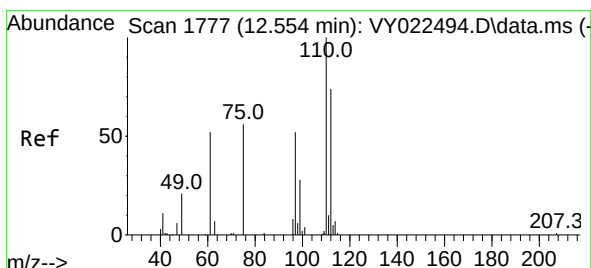
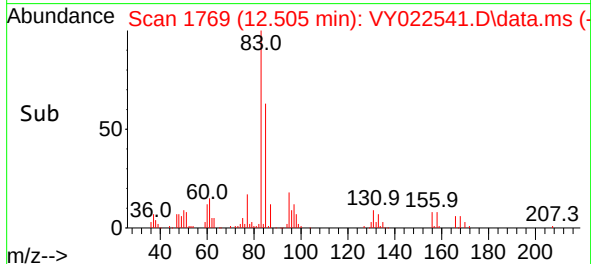
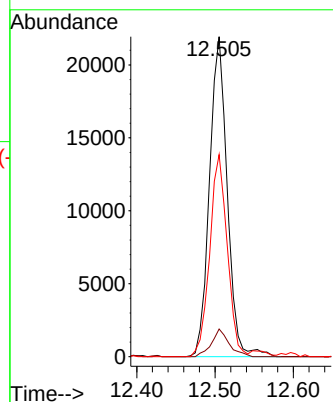
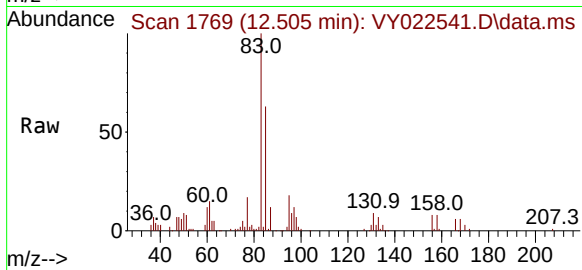




#75
 1,1,2-Tetrachloroethane
 Concen: 21.424 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

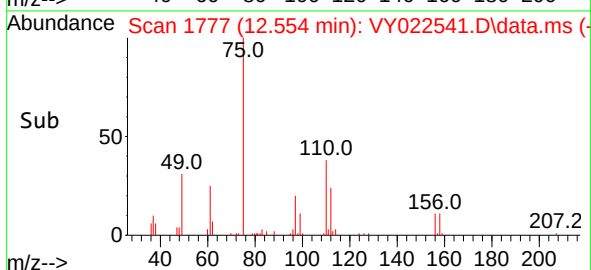
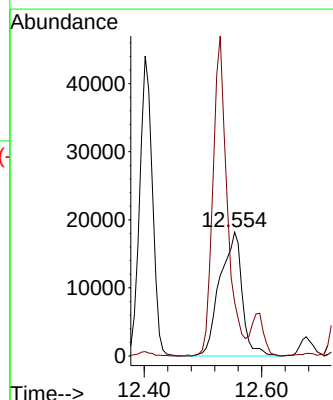
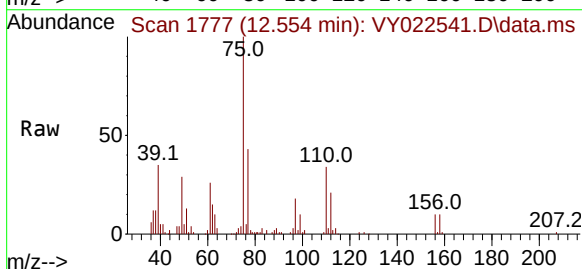
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBSD01

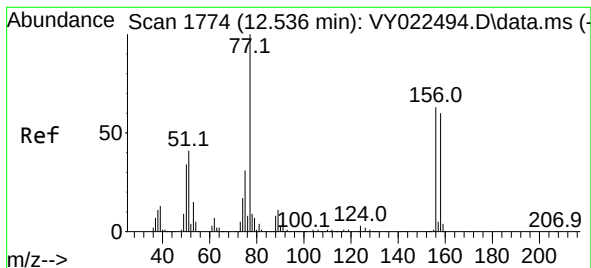
Tgt Ion: 83 Resp: 34485
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.9 14.7
 85 62.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 35.104 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

Tgt Ion: 75 Resp: 47974
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.868 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

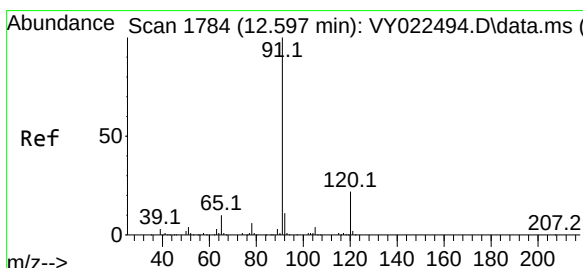
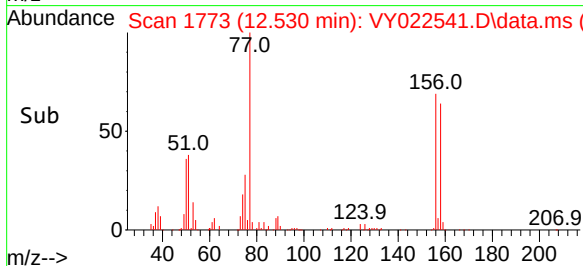
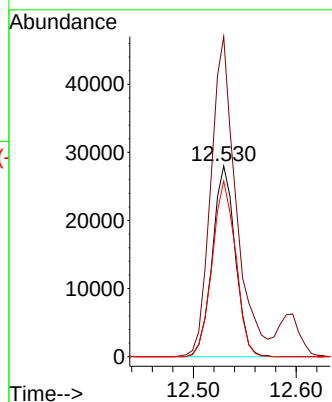
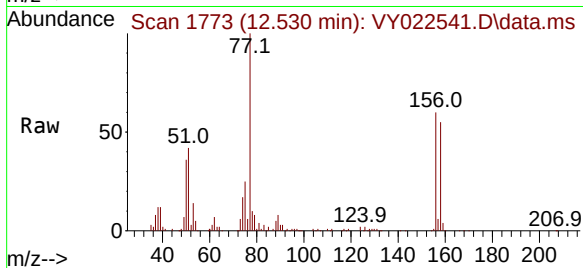
Tgt Ion:156 Resp: 43188

Ion Ratio Lower Upper

156 100

77 185.3 94.0 282.1

158 94.6 48.2 144.6



#78

n-propylbenzene

Concen: 20.510 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022541.D

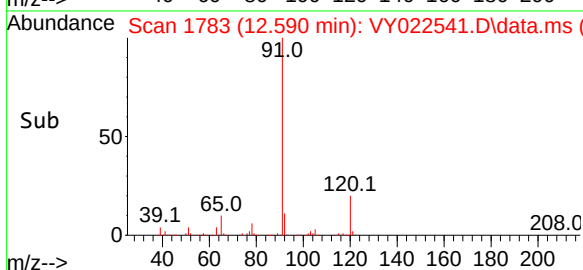
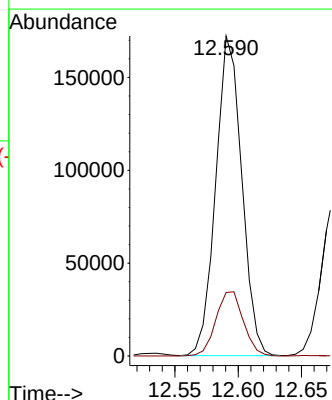
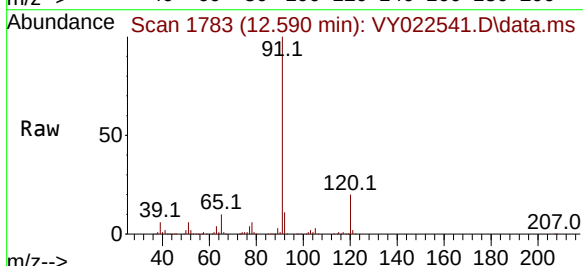
Acq: 04 Jun 2025 11:16

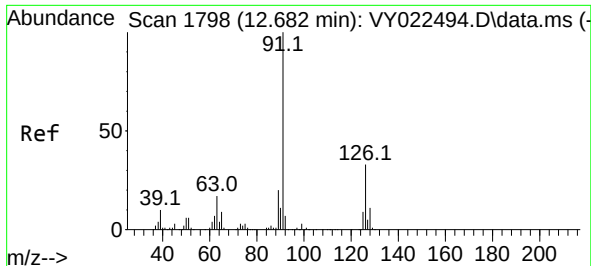
Tgt Ion: 91 Resp: 245680

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.4

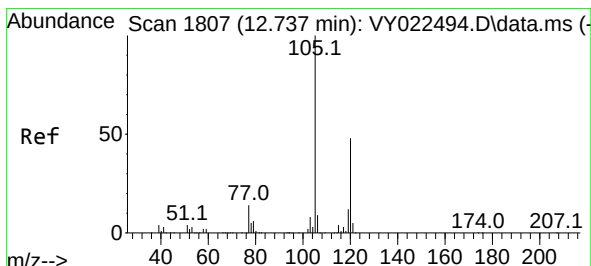
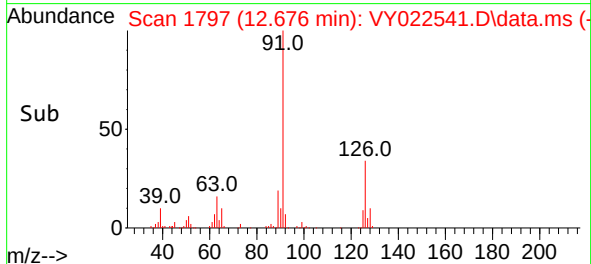
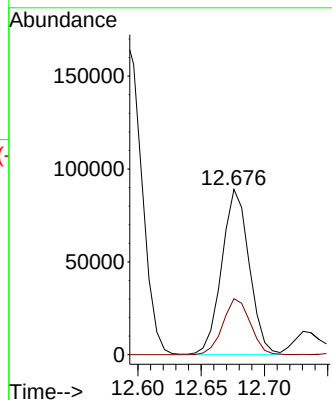
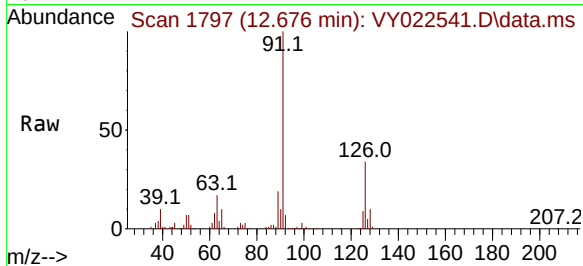




#79
2-Chlorotoluene
Concen: 21.133 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

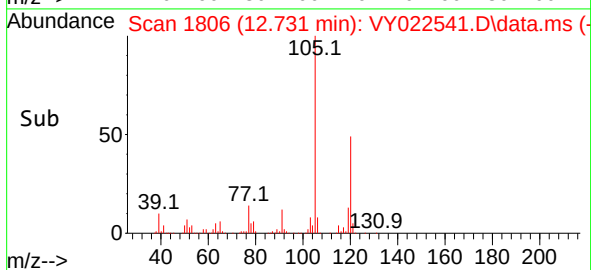
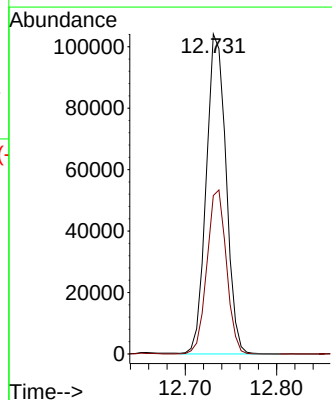
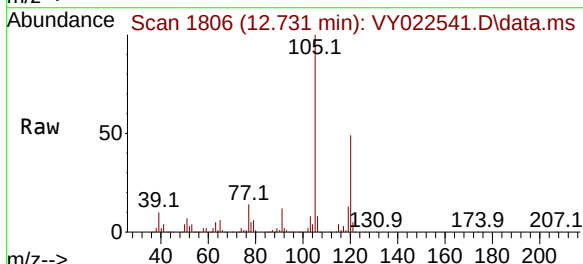
Instrument :
MSVOA_Y
ClientSampleId :
VY0604SBSD01

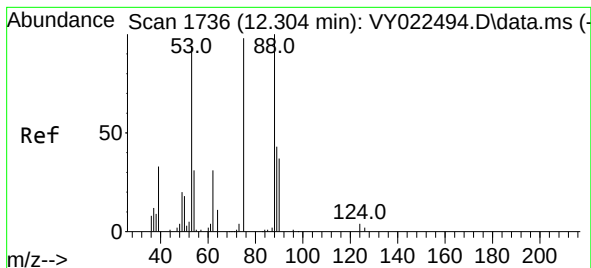
Tgt Ion: 91 Resp: 134165
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.318 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022541.D
Acq: 04 Jun 2025 11:16

Tgt Ion: 105 Resp: 156441
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.4

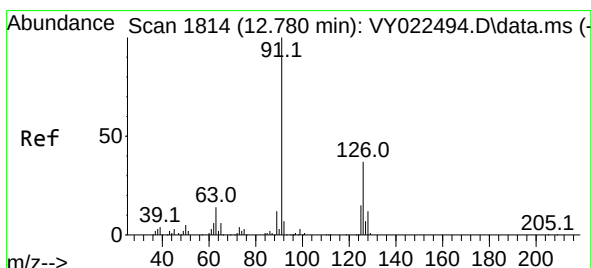
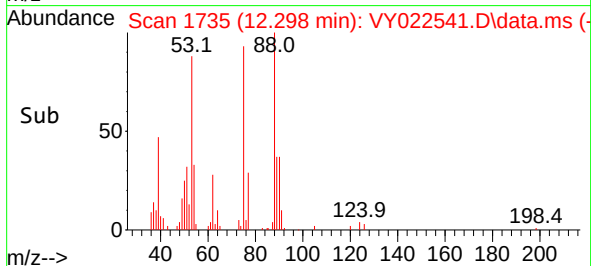
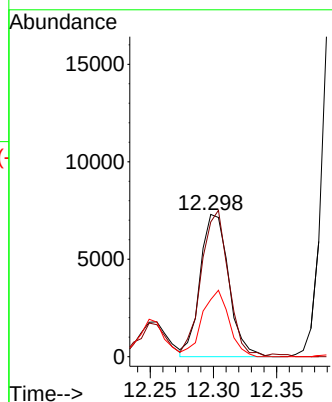
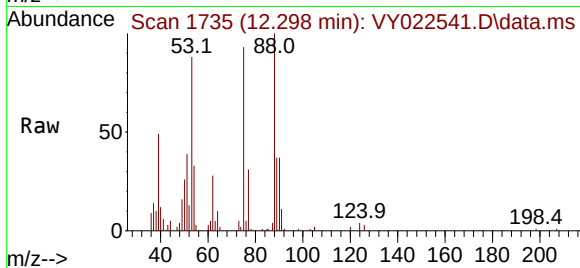




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.263 ug/l
 RT: 12.298 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

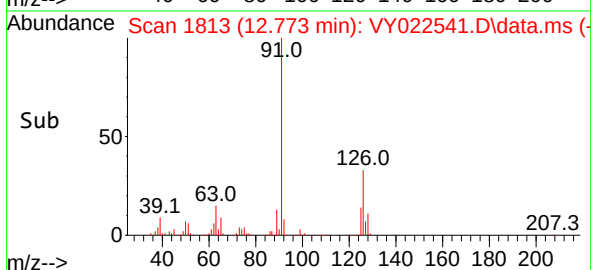
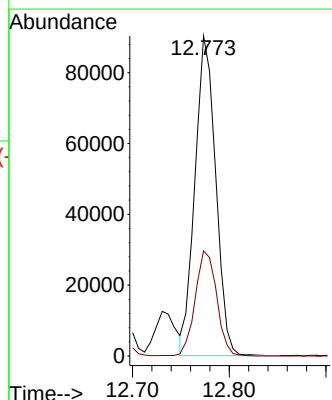
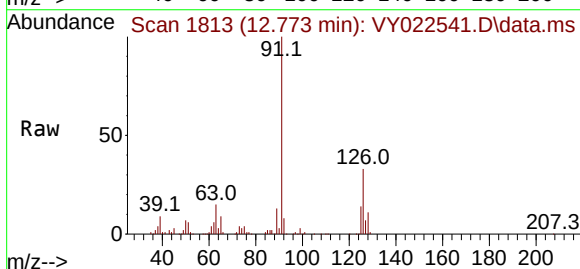
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

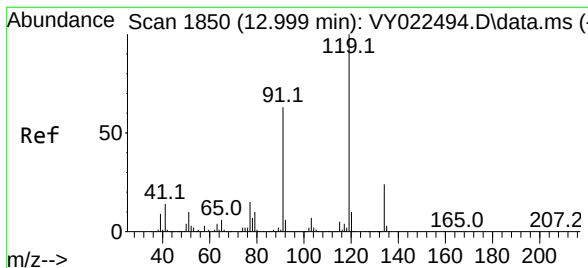
Tgt Ion: 75 Resp: 11467
 Ion Ratio Lower Upper
 75 100
 53 99.1 78.5 117.7
 89 43.9 35.7 53.5



#82
 4-Chlorotoluene
 Concen: 20.574 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: VY022541.D
 Acq: 04 Jun 2025 11:16

Tgt Ion: 91 Resp: 134743
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.012 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

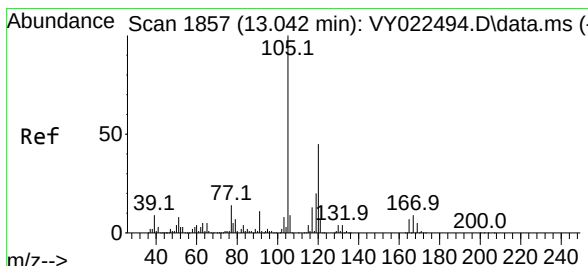
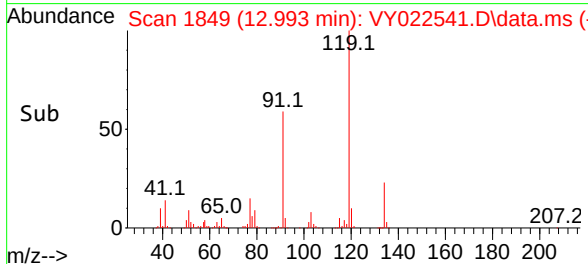
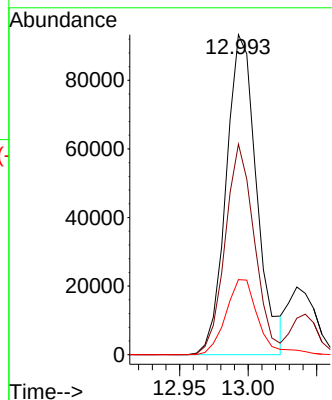
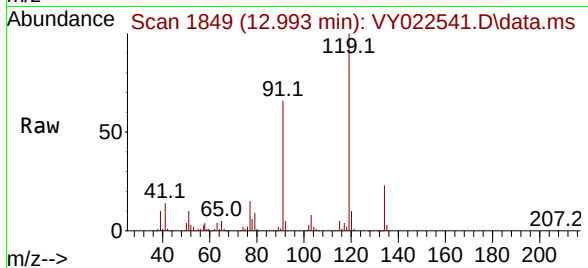
Tgt Ion:119 Resp: 145202

Ion Ratio Lower Upper

119 100

91 63.0 32.1 96.3

134 24.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.768 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022541.D

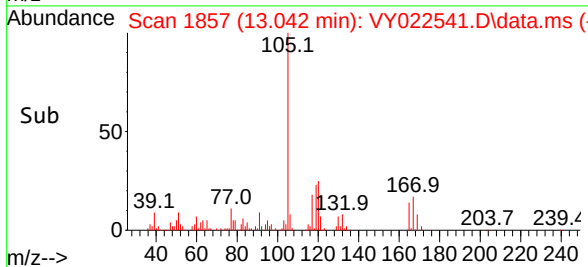
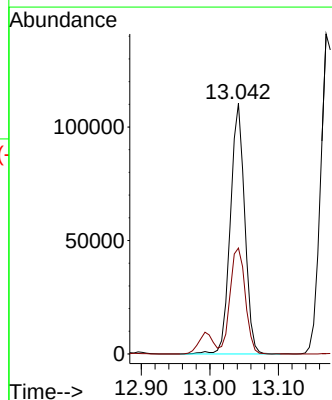
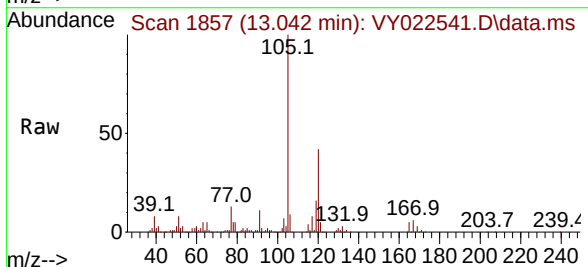
Acq: 04 Jun 2025 11:16

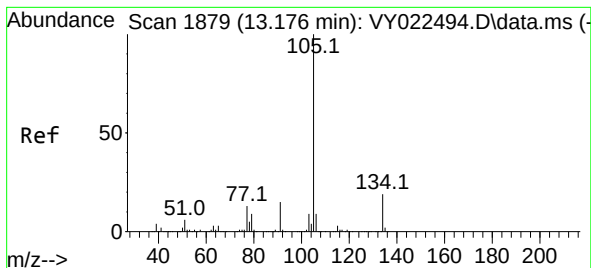
Tgt Ion:105 Resp: 159935

Ion Ratio Lower Upper

105 100

120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.129 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

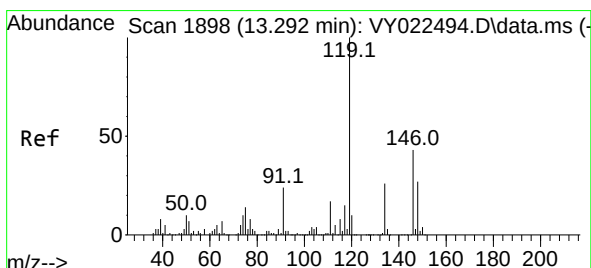
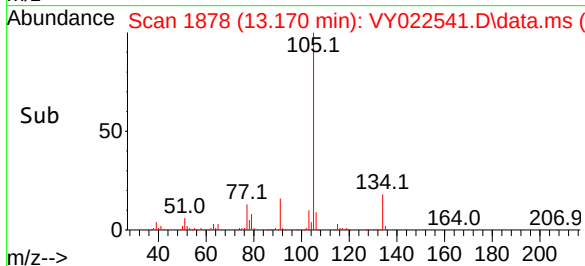
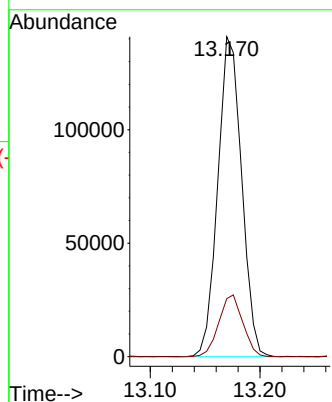
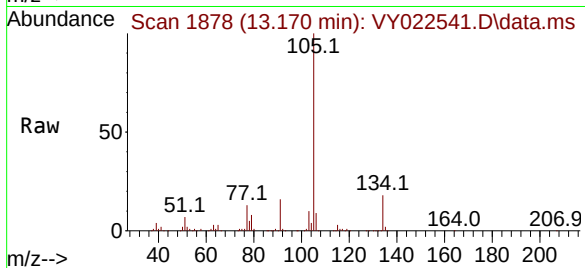
VY0604SBSD01

Tgt Ion:105 Resp: 213038

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.850 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

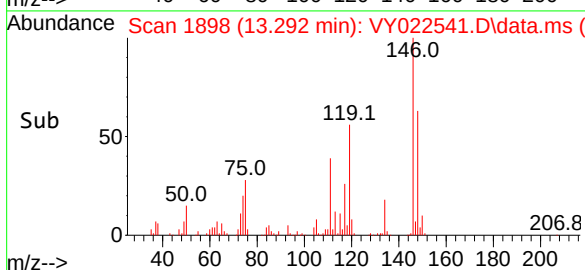
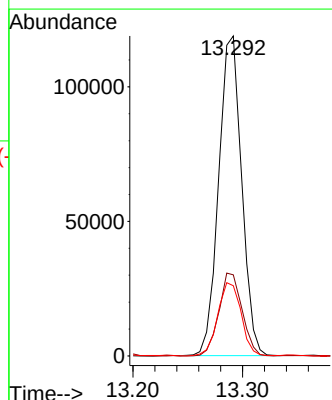
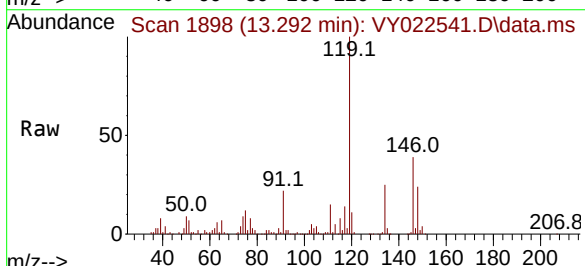
Tgt Ion:119 Resp: 173168

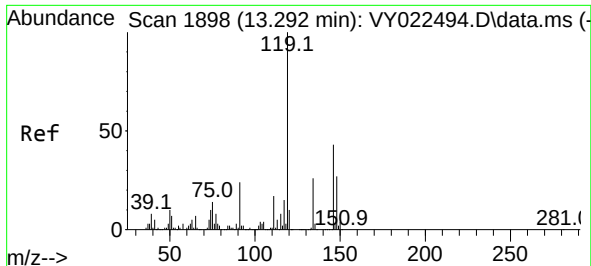
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.585 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

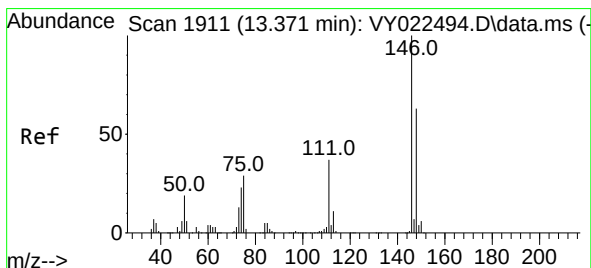
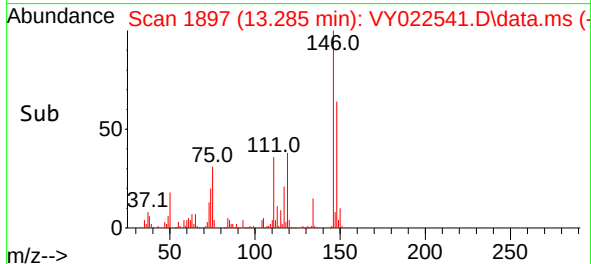
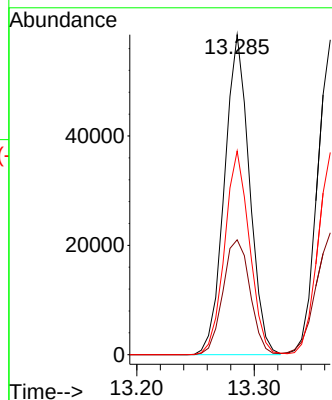
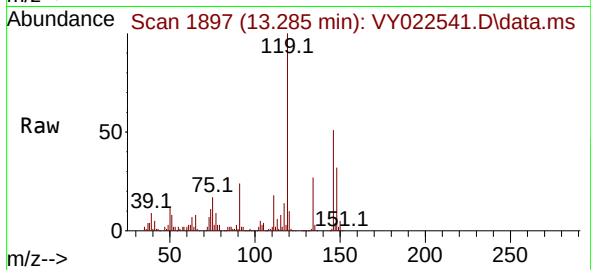
Tgt Ion:146 Resp: 86314

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 63.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.013 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

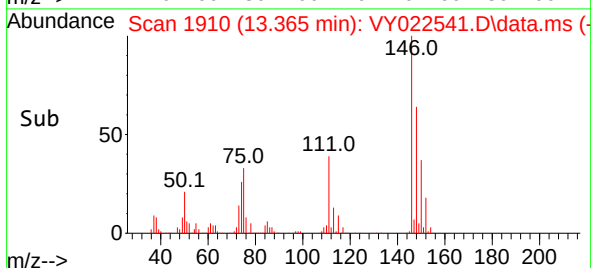
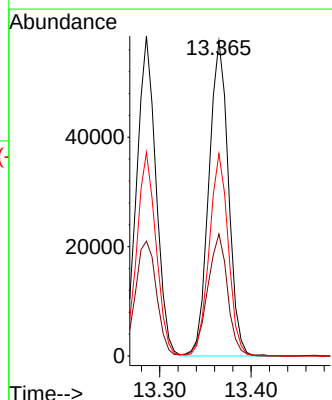
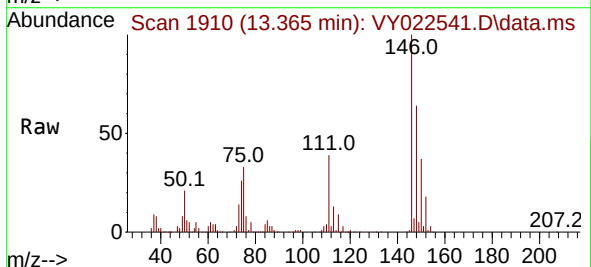
Tgt Ion:146 Resp: 85459

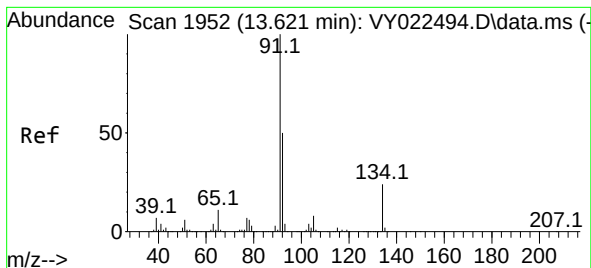
Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 62.6 31.6 94.8





#89

n-Butylbenzene

Concen: 20.688 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

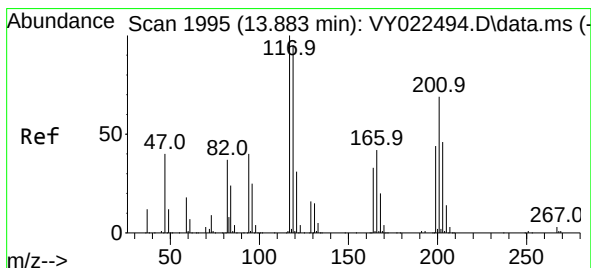
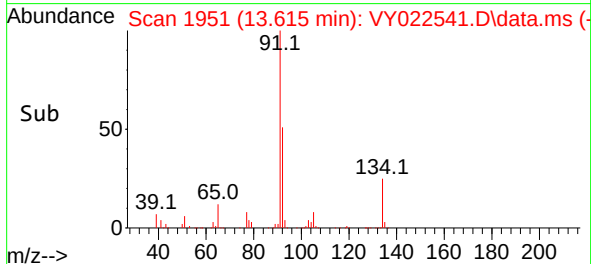
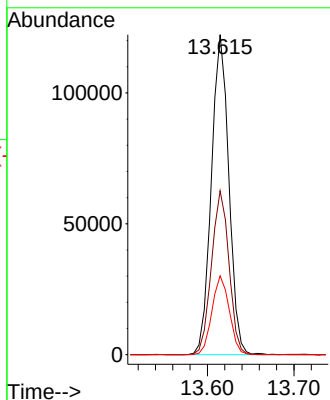
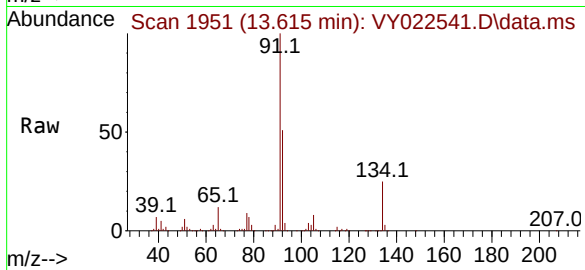
Tgt Ion: 91 Resp: 171235

Ion Ratio Lower Upper

91 100

92 51.3 25.9 77.8

134 24.5 12.0 36.1



#90

Hexachloroethane

Concen: 20.628 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022541.D

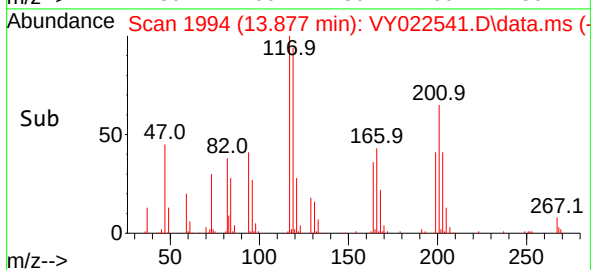
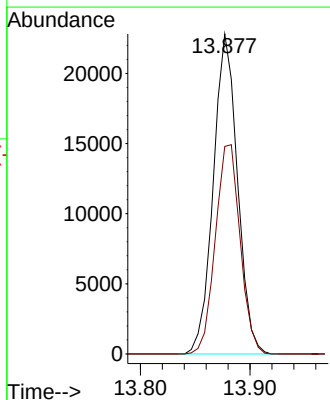
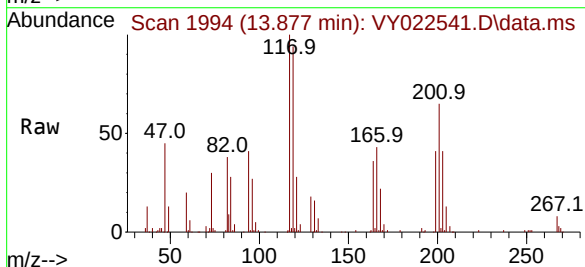
Acq: 04 Jun 2025 11:16

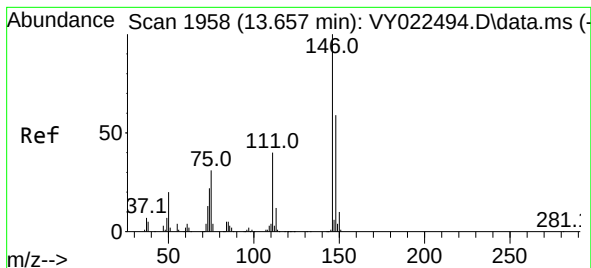
Tgt Ion: 117 Resp: 35034

Ion Ratio Lower Upper

117 100

201 66.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 21.074 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

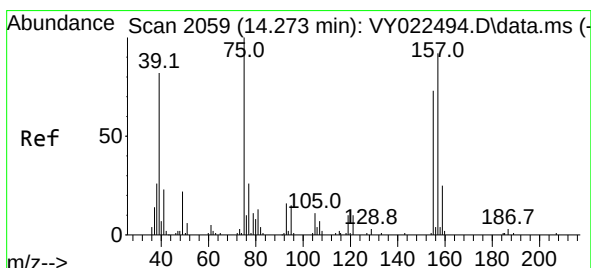
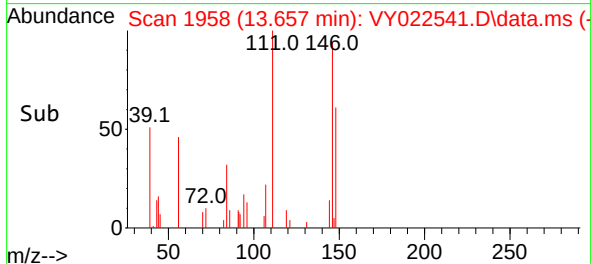
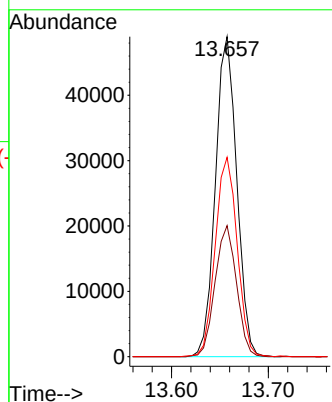
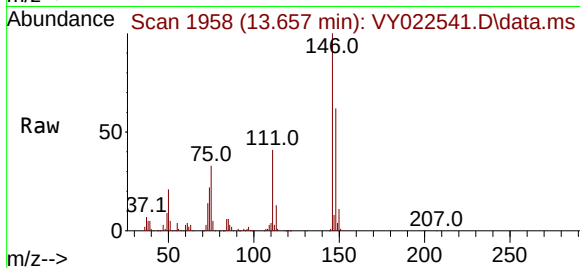
Tgt Ion:146 Resp: 75027

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.6

148 64.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.786 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

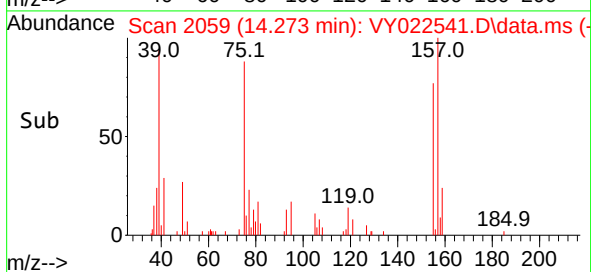
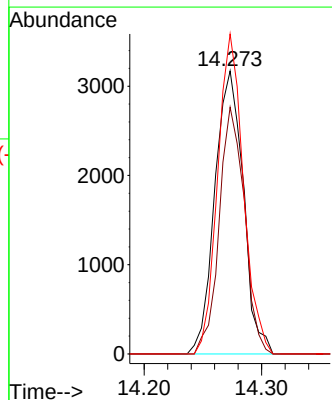
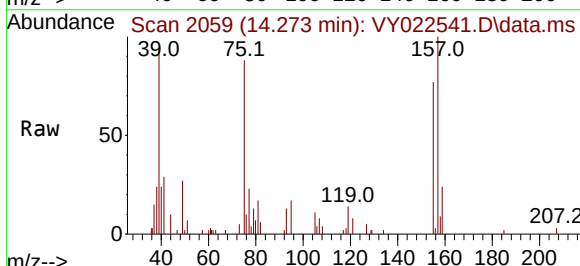
Tgt Ion: 75 Resp: 5340

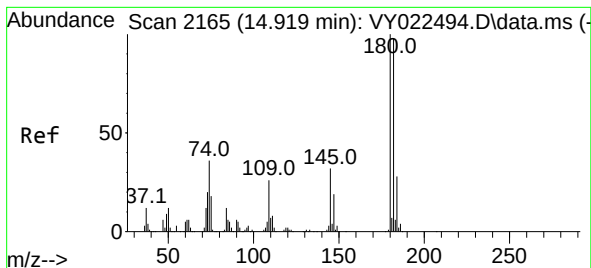
Ion Ratio Lower Upper

75 100

155 77.2 39.9 119.6

157 102.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.199 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBSD01

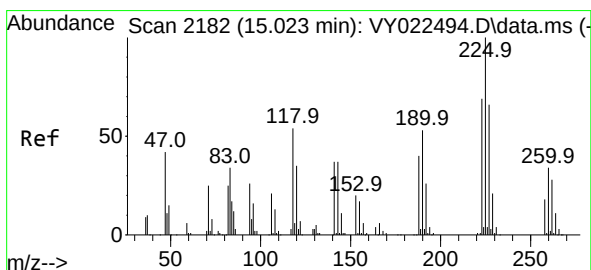
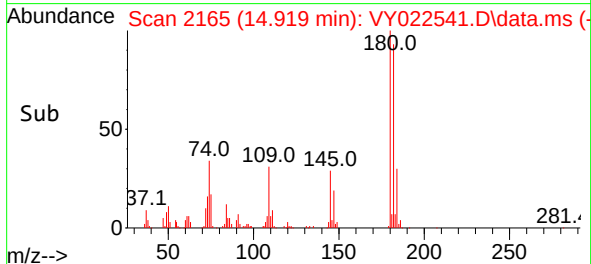
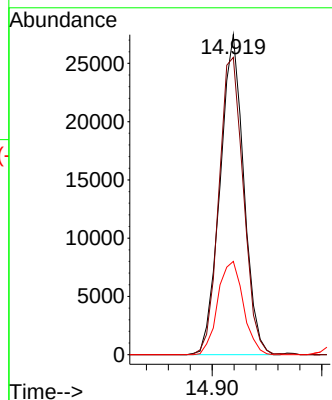
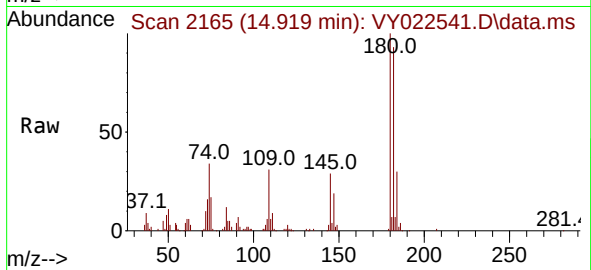
Tgt Ion:180 Resp: 41161

Ion Ratio Lower Upper

180 100

182 96.4 48.4 145.3

145 31.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.526 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

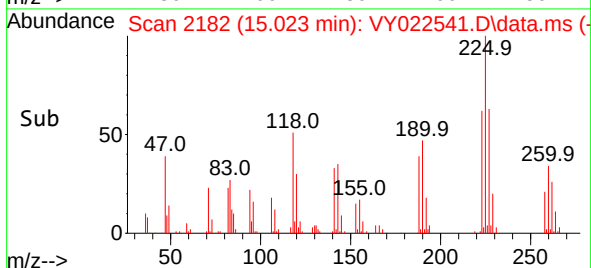
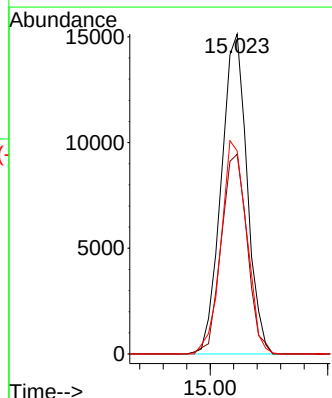
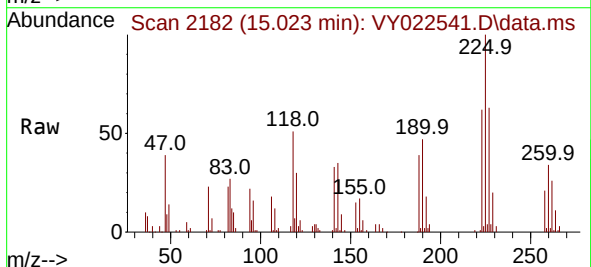
Tgt Ion:225 Resp: 23069

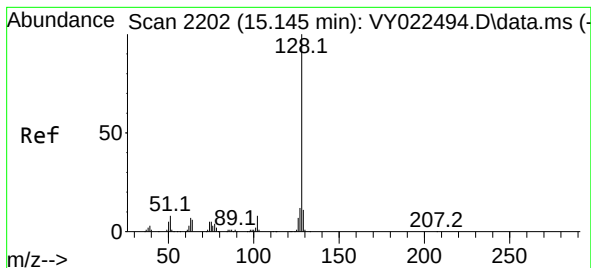
Ion Ratio Lower Upper

225 100

223 63.0 32.5 97.4

227 66.1 32.3 96.9





#95

Naphthalene

Concen: 21.744 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0604SBS01

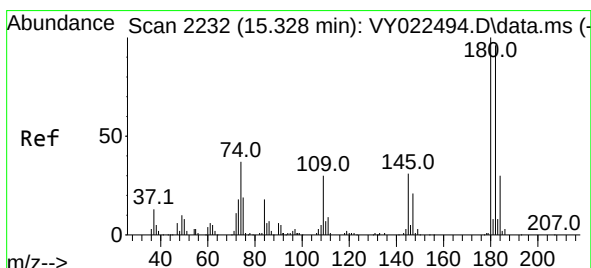
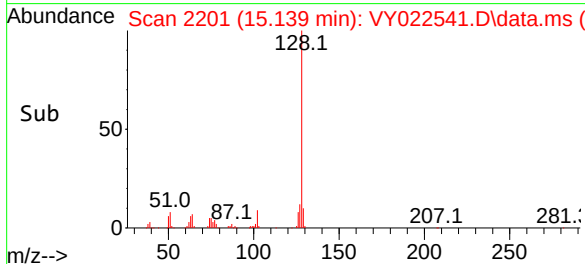
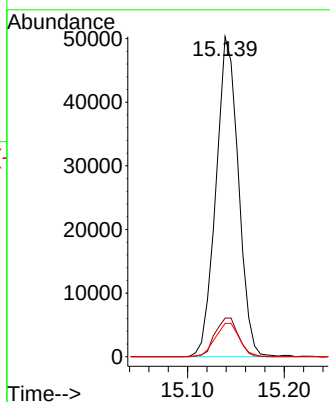
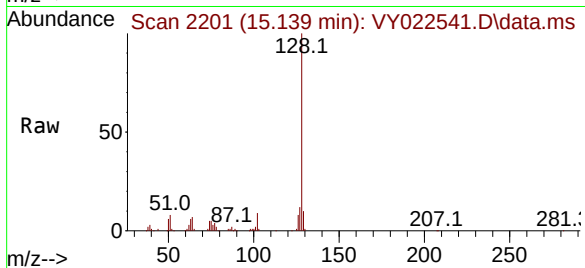
Tgt Ion:128 Resp: 81018

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.743 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022541.D

Acq: 04 Jun 2025 11:16

Tgt Ion:180 Resp: 36181

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 30.4 15.2 45.6

