

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022698.D
 Acq On : 16 Jun 2025 10:34
 Operator : SY/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Quant Time: Jun 17 05:51:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	154209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	225807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95407	55.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.640%	
35) Dibromofluoromethane	7.640	113	85878	54.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.109	98	345045	54.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.401	95	100147	52.730	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31407	22.748	ug/l	96
3) Chloromethane	2.068	50	101918	24.988	ug/l	96
4) Vinyl Chloride	2.202	62	119451	25.245	ug/l	97
5) Bromomethane	2.592	94	121157	26.715	ug/l	97
6) Chloroethane	2.732	64	87028	26.797	ug/l #	88
7) Trichlorofluoromethane	3.050	101	103365	25.733	ug/l	96
8) Diethyl Ether	3.458	74	19721	21.801	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	38935	23.014	ug/l	100
10) Methyl Iodide	4.007	142	37605	20.540	ug/l	98
11) Tert butyl alcohol	4.885	59	14063	114.160	ug/l	96
12) 1,1-Dichloroethene	3.793	96	35860	22.175	ug/l	95
13) Acrolein	3.653	56	11138	72.550	ug/l	99
14) Allyl chloride	4.385	41	54687	21.541	ug/l	97
15) Acrylonitrile	5.061	53	43330	113.099	ug/l	99
16) Acetone	3.879	43	45244	129.169	ug/l	96
17) Carbon Disulfide	4.104	76	110639	21.370	ug/l	98
18) Methyl Acetate	4.397	43	23060	22.232	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	101505	22.285	ug/l	97
20) Methylene Chloride	4.616	84	49311	24.784	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	40807	22.547	ug/l	93
22) Diisopropyl ether	6.018	45	127285	22.525	ug/l	95
23) Vinyl Acetate	5.964	43	366903	109.700	ug/l	99
24) 1,1-Dichloroethane	5.915	63	77453	23.266	ug/l	98
25) 2-Butanone	6.896	43	59745	118.250	ug/l	99
26) 2,2-Dichloropropane	6.884	77	67635	22.994	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	47998	22.944	ug/l	98
28) Bromochloromethane	7.244	49	33432	23.038	ug/l	99
29) Tetrahydrofuran	7.268	42	35535	109.047	ug/l	97
30) Chloroform	7.421	83	77944	23.638	ug/l	94
31) Cyclohexane	7.707	56	68987	20.816	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	66910	22.859	ug/l	97
36) 1,1-Dichloropropene	7.835	75	56782	22.177	ug/l	99
37) Ethyl Acetate	6.982	43	25536	22.364	ug/l	99
38) Carbon Tetrachloride	7.817	117	56761	21.610	ug/l	92
39) Methylcyclohexane	9.109	83	71187	20.689	ug/l	98
40) Benzene	8.079	78	171688	22.703	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11105	16.651	ug/l #	54
42) 1,2-Dichloroethane	8.158	62	46956	22.741	ug/l	100
43) Isopropyl Acetate	8.201	43	53371	21.643	ug/l	98
44) Trichloroethene	8.866	130	43256	23.404	ug/l	98
45) 1,2-Dichloropropane	9.140	63	42085	23.548	ug/l	96
46) Dibromomethane	9.231	93	23220	23.094	ug/l	96
47) Bromodichloromethane	9.426	83	58071	22.777	ug/l	98
48) Methyl methacrylate	9.219	41	24684	21.328	ug/l	97
49) 1,4-Dioxane	9.231	88	4747	398.509	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	133697	108.744	ug/l	97
52) Toluene	10.170	92	105337	22.165	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	52876	22.135	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	61997	22.295	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	29316	22.865	ug/l	97
56) Ethyl methacrylate	10.438	69	39351	21.236	ug/l	98
57) 1,3-Dichloropropane	10.719	76	50916	22.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	94575	112.411	ug/l	97
59) 2-Hexanone	10.762	43	90194	109.691	ug/l	97
60) Dibromochloromethane	10.914	129	36576	22.448	ug/l	98
61) 1,2-Dibromoethane	11.011	107	26098	22.333	ug/l	97
64) Tetrachloroethene	10.646	164	48965	25.208	ug/l	97
65) Chlorobenzene	11.444	112	111400	22.294	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	37335	22.180	ug/l	98
67) Ethyl Benzene	11.517	91	199212	21.495	ug/l	98
68) m/p-Xylenes	11.627	106	149850	42.651	ug/l	98
69) o-Xylene	11.950	106	70142	21.293	ug/l	99
70) Styrene	11.969	104	115987	21.301	ug/l	99
71) Bromoform	12.133	173	19160	21.390	ug/l #	97
73) Isopropylbenzene	12.255	105	182833	21.442	ug/l	99
74) N-amyl acetate	12.072	43	44410	20.642	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	29912	21.374	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	42639	35.886	ug/l #	100
77) Bromobenzene	12.530	156	38728	21.523	ug/l	99
78) n-propylbenzene	12.590	91	227339	21.829	ug/l	100
79) 2-Chlorotoluene	12.676	91	121022	21.925	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	143657	21.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	9916	20.154	ug/l	99
82) 4-Chlorotoluene	12.773	91	122042	21.433	ug/l	98
83) tert-Butylbenzene	12.999	119	130334	21.693	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	144066	21.517	ug/l	97
85) sec-Butylbenzene	13.176	105	197997	21.517	ug/l	100
86) p-Isopropyltoluene	13.292	119	159529	21.033	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	78055	21.411	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	76921	21.754	ug/l	98
89) n-Butylbenzene	13.615	91	156296	21.719	ug/l	100
90) Hexachloroethane	13.877	117	33188	22.476	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	68566	22.152	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	4752	23.322	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	37520	22.226	ug/l	96
94) Hexachlorobutadiene	15.023	225	19759	21.206	ug/l	98
95) Naphthalene	15.139	128	69549	21.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	31085	21.486	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

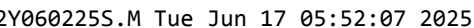
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MSVOA_Y
ClientSampleId :
VY0616SBSD01

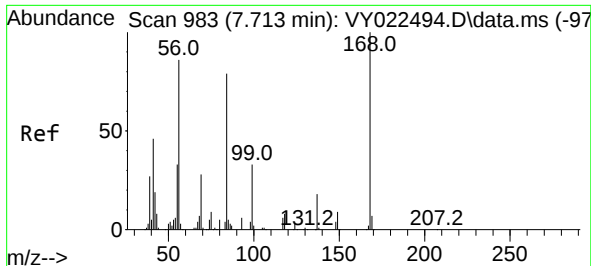
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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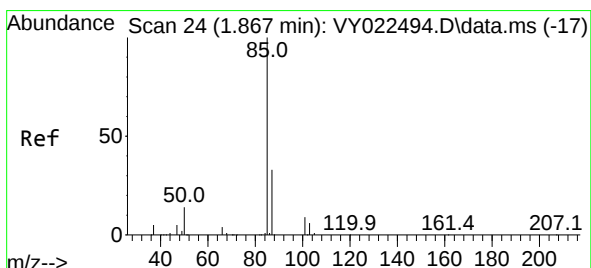
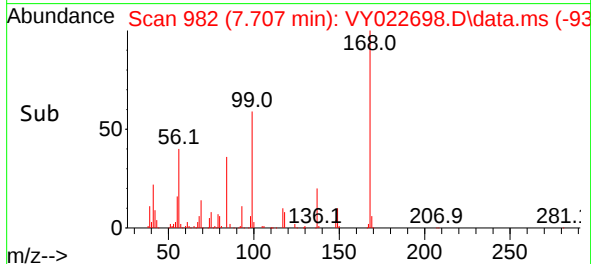
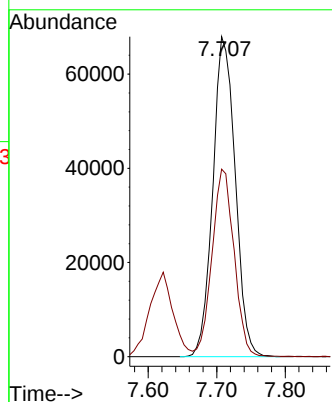
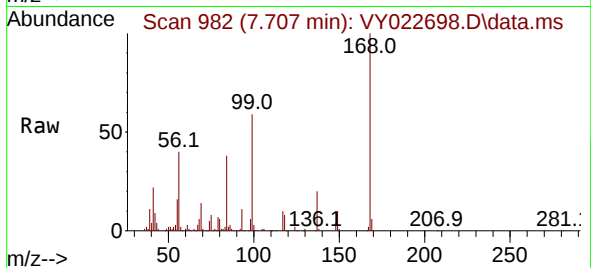




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022698.D
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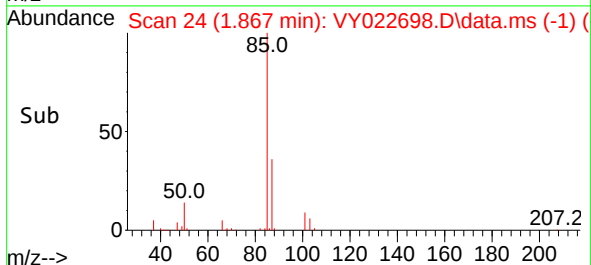
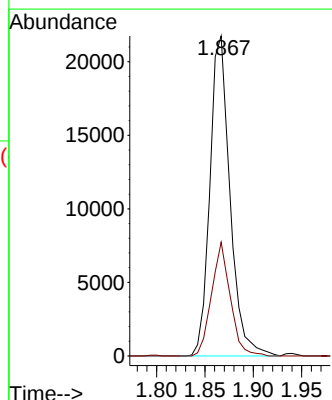
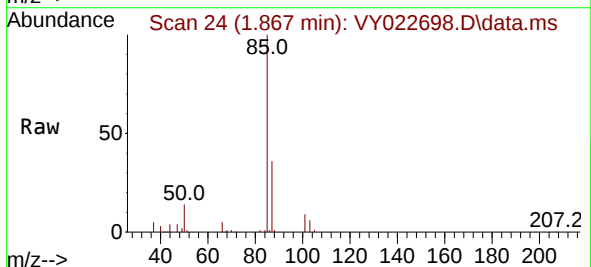
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:168 Resp: 154209
Ion Ratio Lower Upper
168 100
99 58.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 22.748 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 85 Resp: 31407
Ion Ratio Lower Upper
85 100
87 35.5 16.7 50.0

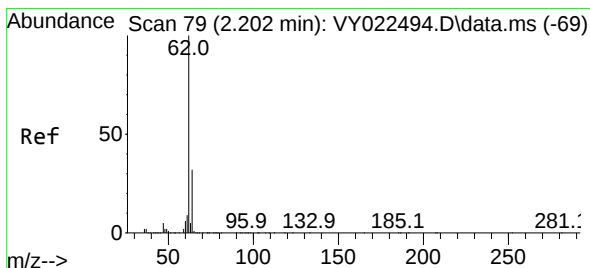
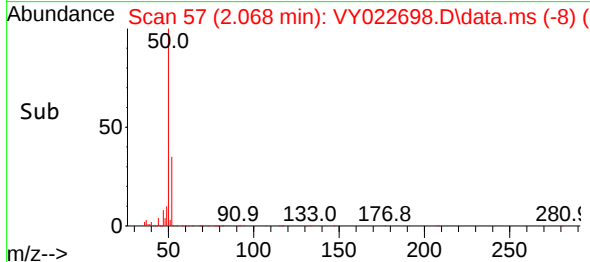
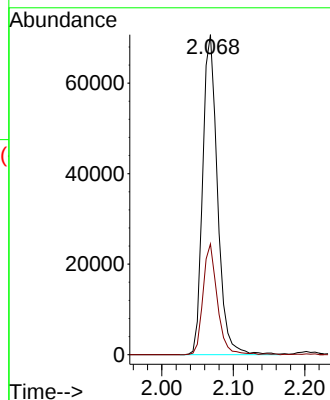
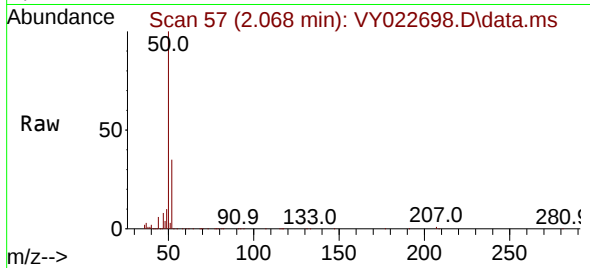




#3
Chloromethane
Concen: 24.988 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

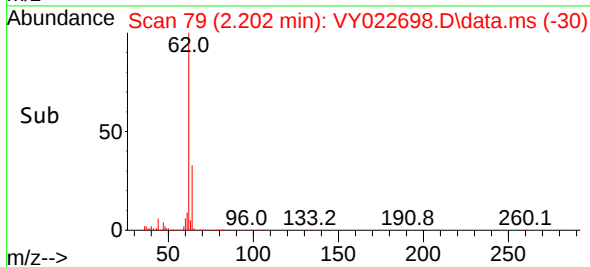
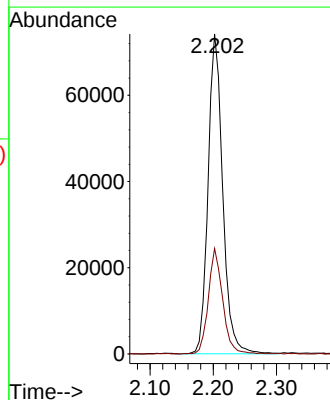
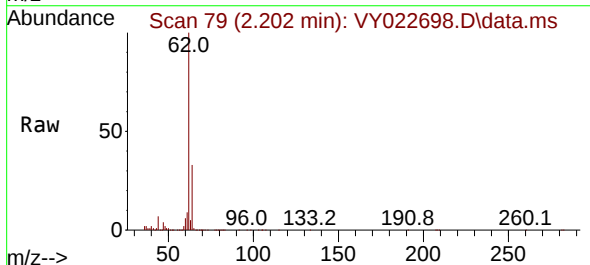
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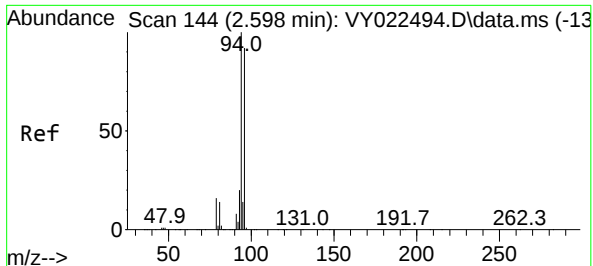
Tgt Ion: 50 Resp: 101918
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0



#4
Vinyl Chloride
Concen: 25.245 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 62 Resp: 119451
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9

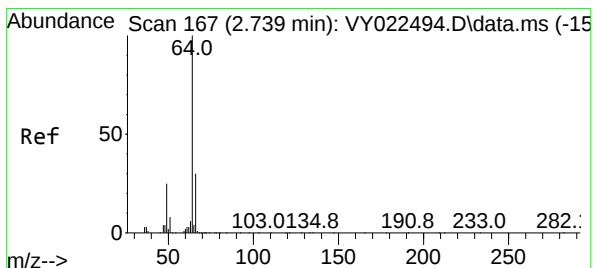
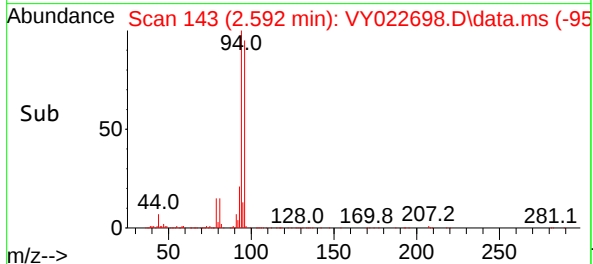
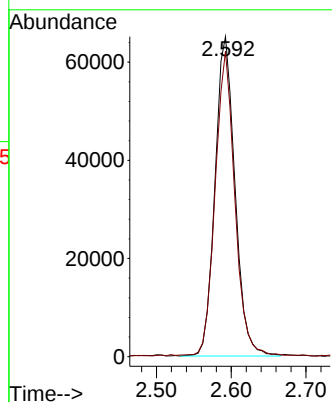
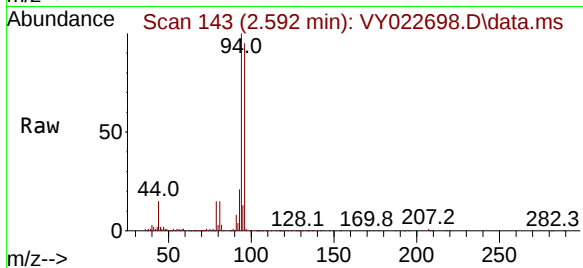




#5
Bromomethane
Concen: 26.715 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

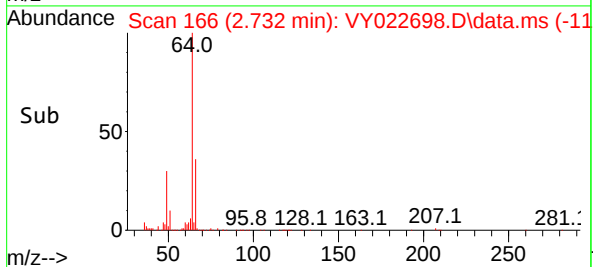
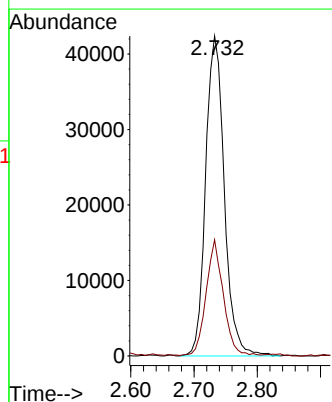
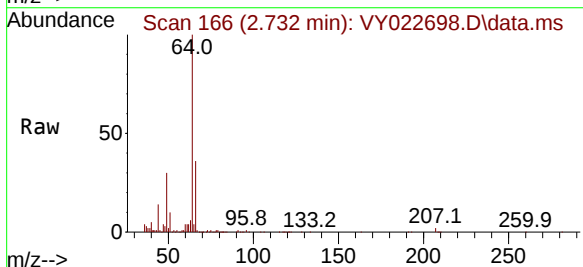
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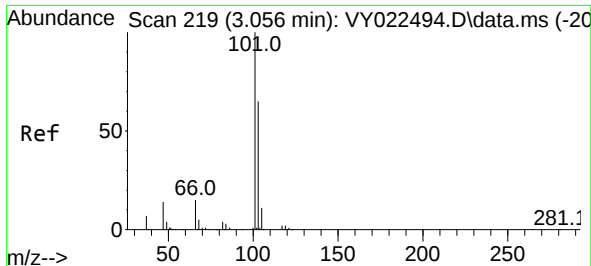
Tgt Ion: 94 Resp: 121157
Ion Ratio Lower Upper
94 100
96 95.1 74.0 111.0



#6
Chloroethane
Concen: 26.797 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 64 Resp: 87028
Ion Ratio Lower Upper
64 100
66 36.1 23.8 35.6#

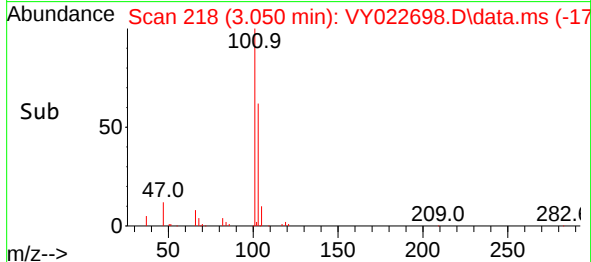
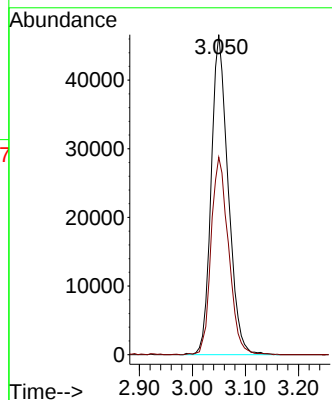
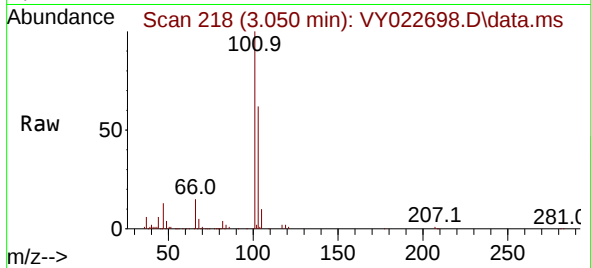




#7
Trichlorofluoromethane
Concen: 25.733 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

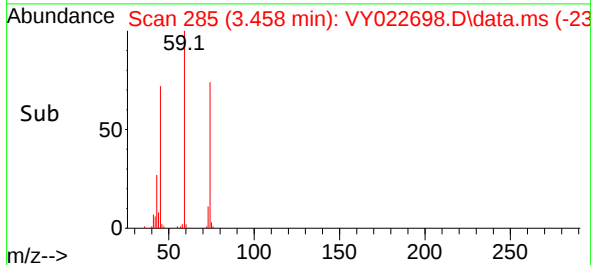
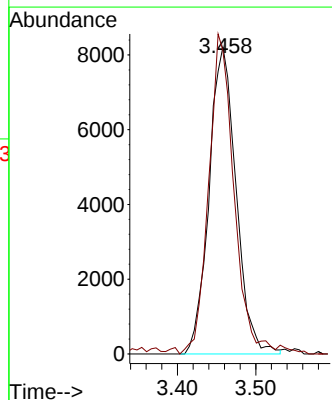
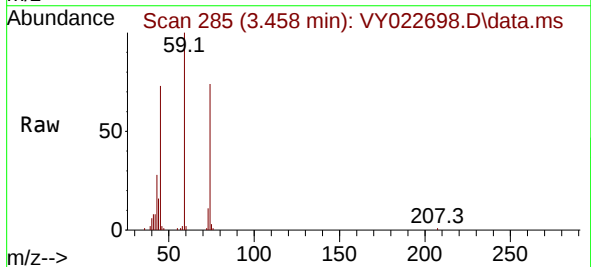
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Tgt Ion:101 Resp: 103365
Ion Ratio Lower Upper
101 100
103 61.7 52.2 78.2



#8
Diethyl Ether
Concen: 21.801 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 74 Resp: 19721
Ion Ratio Lower Upper
74 100
45 96.8 45.9 137.6

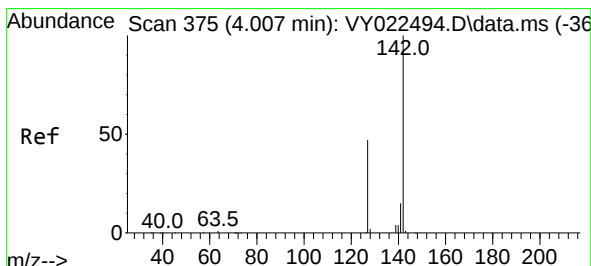
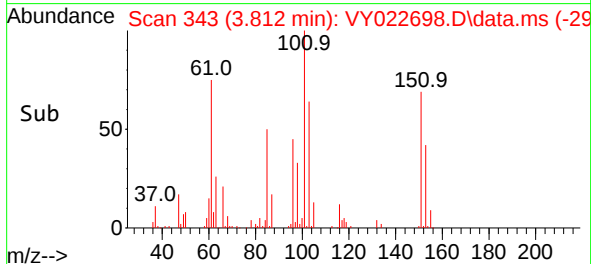
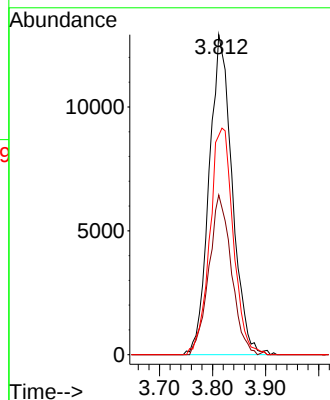
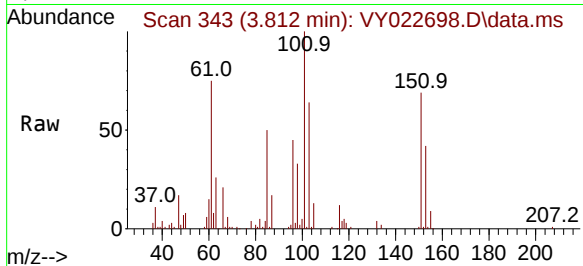




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.014 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022698.D
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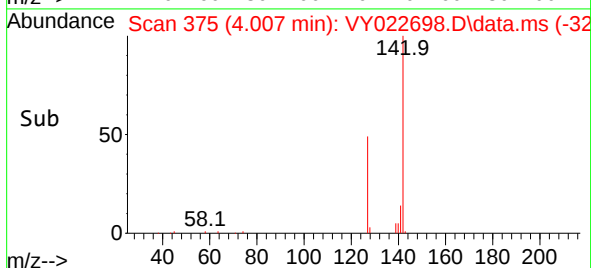
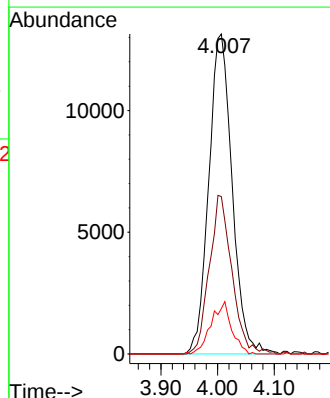
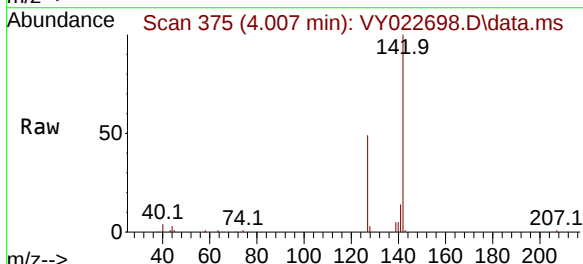
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MSVOA_Y
ClientSampleId :
VY0616SBSD01

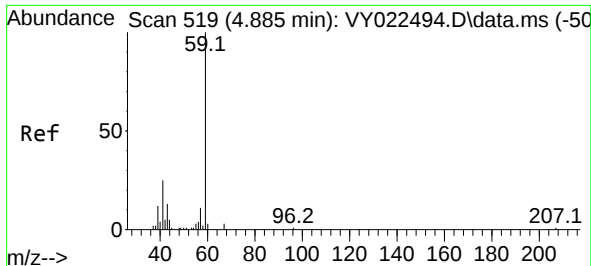
Tgt Ion:101 Resp: 38935
Ion Ratio Lower Upper
101 100
85 48.6 39.3 58.9
151 72.2 57.8 86.8



#10
Methyl Iodide
Concen: 20.540 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:142 Resp: 37605
Ion Ratio Lower Upper
142 100
127 47.9 37.1 55.7
141 14.4 11.4 17.2

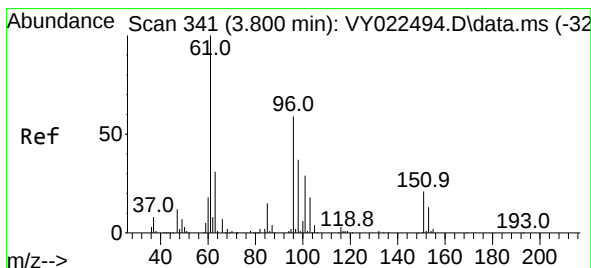
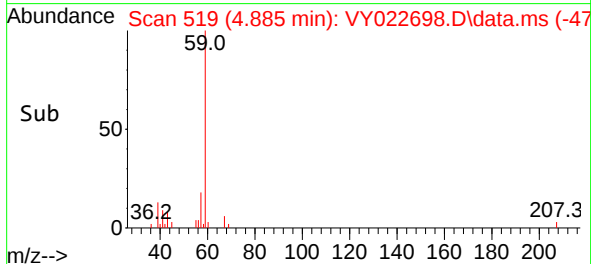
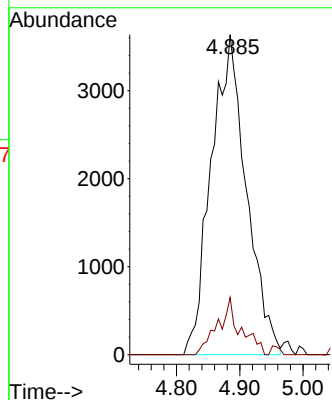
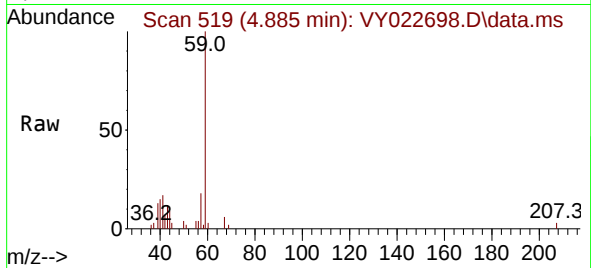




#11
Tert butyl alcohol
Concen: 114.160 ug/l
RT: 4.885 min Scan# 519
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

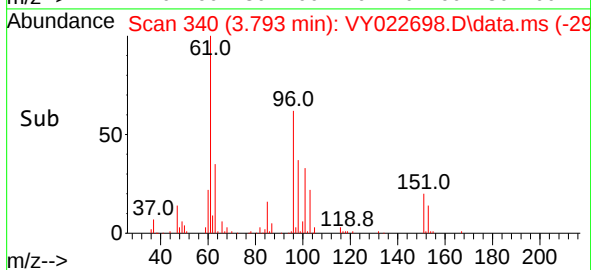
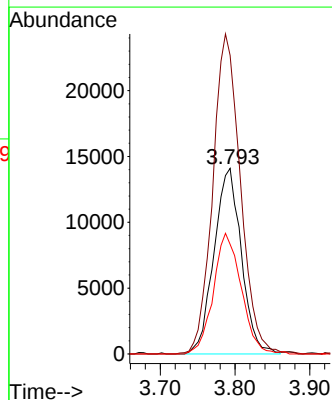
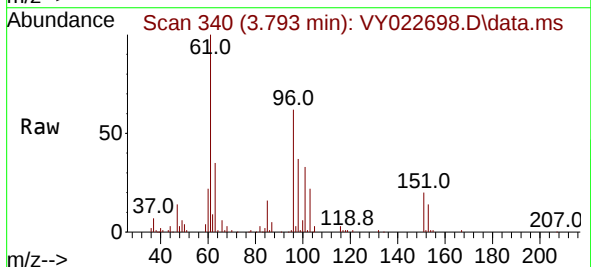
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

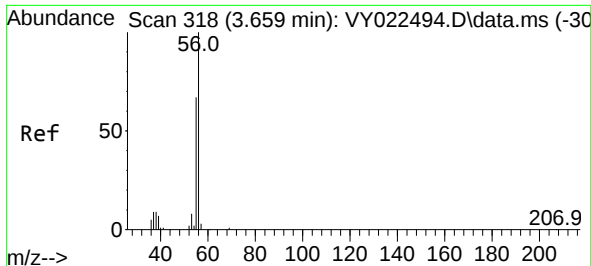
Tgt Ion: 59 Resp: 14063
Ion Ratio Lower Upper
59 100
57 11.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 22.175 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 96 Resp: 35860
Ion Ratio Lower Upper
96 100
61 160.4 134.6 201.8
98 59.1 50.2 75.4





#13

Acrolein

Concen: 72.550 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

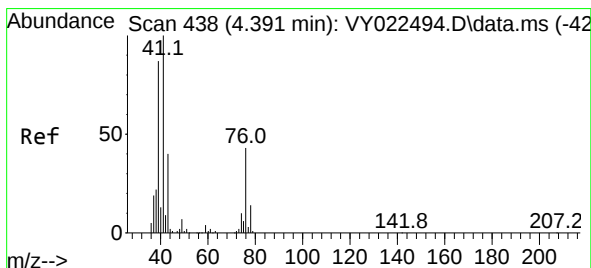
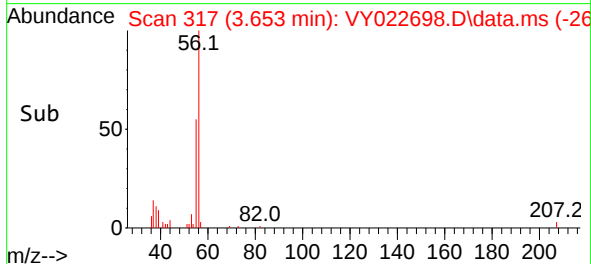
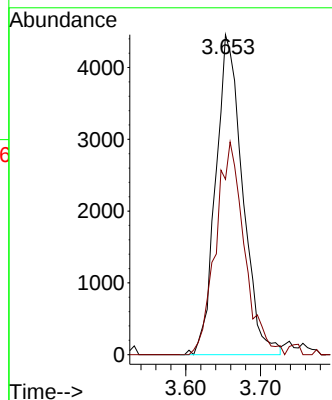
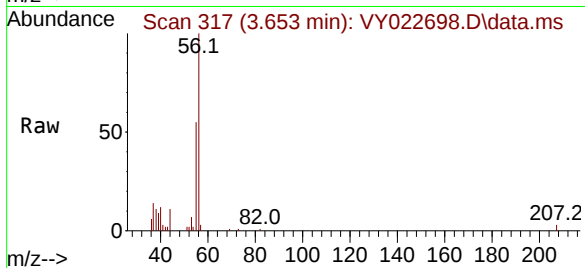
VY0616SBS01

Tgt Ion: 56 Resp: 11138

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.6



#14

Allyl chloride

Concen: 21.541 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

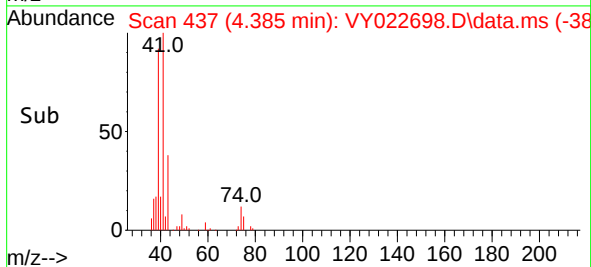
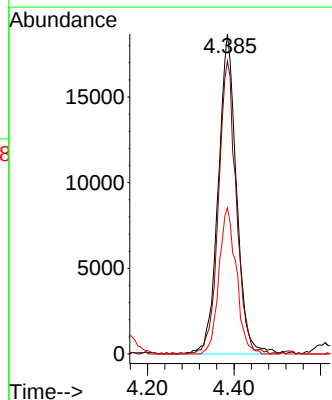
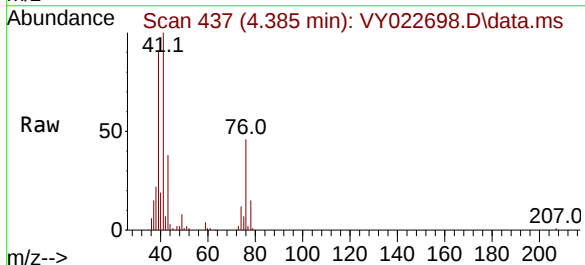
Tgt Ion: 41 Resp: 54687

Ion Ratio Lower Upper

41 100

39 89.1 69.1 103.7

76 43.4 33.5 50.3

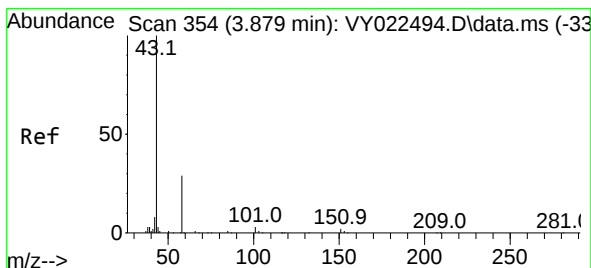
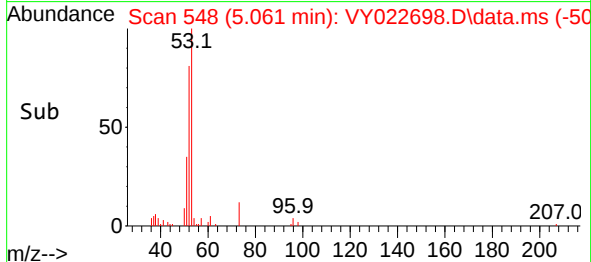
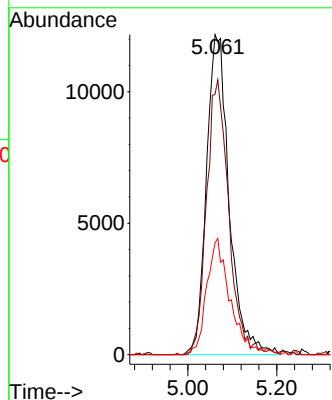
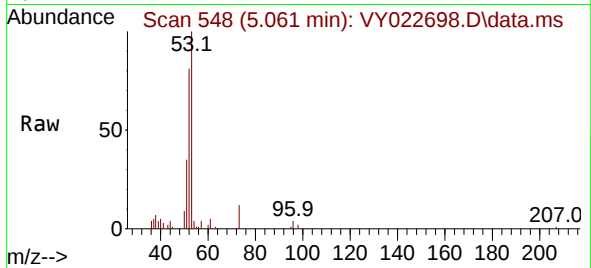




#15
Acrylonitrile
Concen: 113.099 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

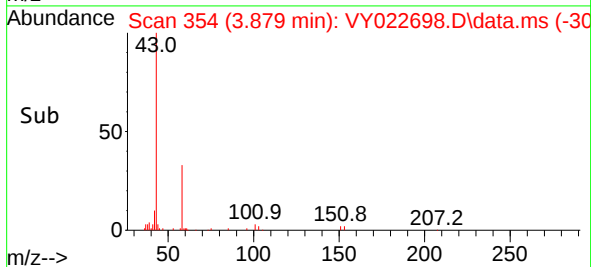
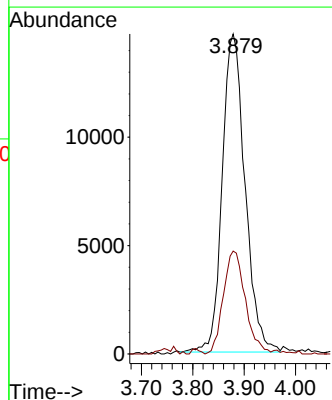
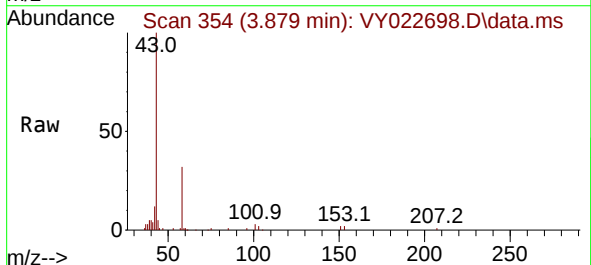
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

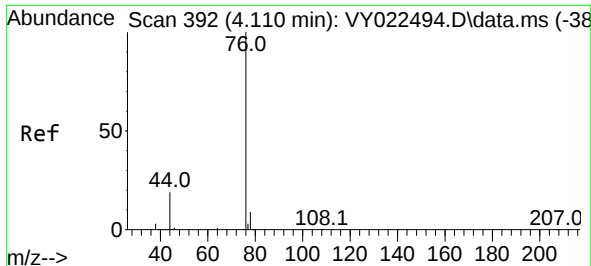
Tgt Ion: 53 Resp: 43330
Ion Ratio Lower Upper
53 100
52 83.6 65.7 98.5
51 37.0 30.1 45.1



#16
Acetone
Concen: 129.169 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 43 Resp: 45244
Ion Ratio Lower Upper
43 100
58 32.3 24.0 36.0

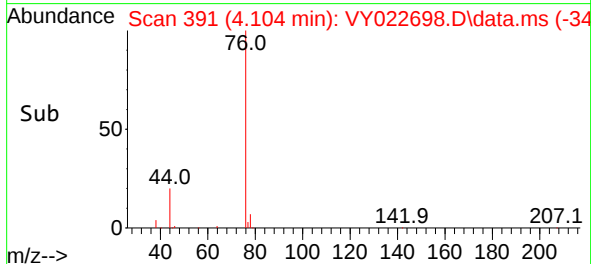
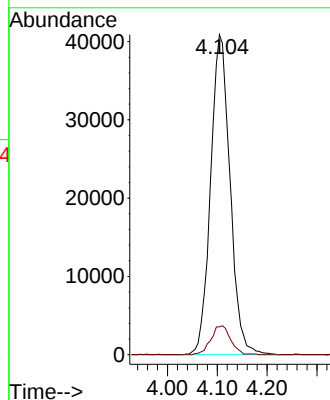
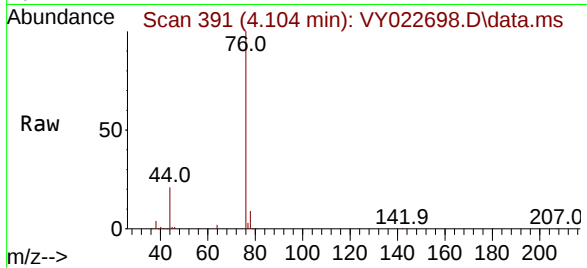




#17
Carbon Disulfide
Concen: 21.370 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

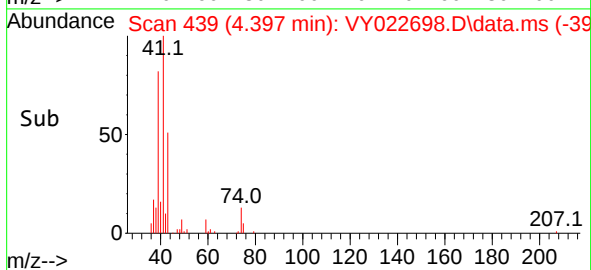
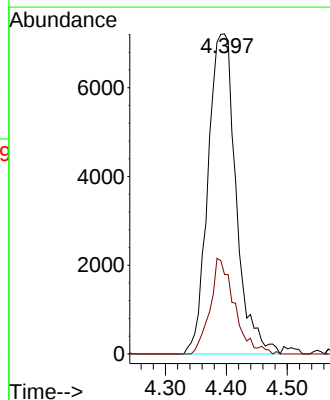
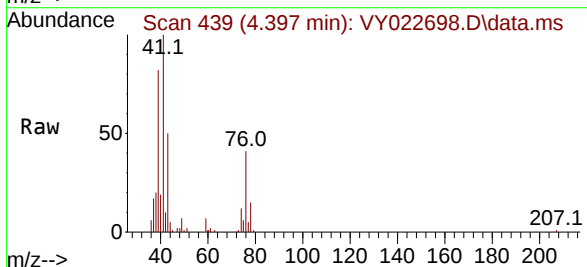
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

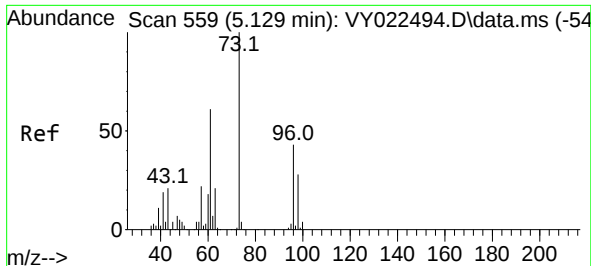
Tgt Ion: 76 Resp: 110639
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 22.232 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 43 Resp: 23060
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6

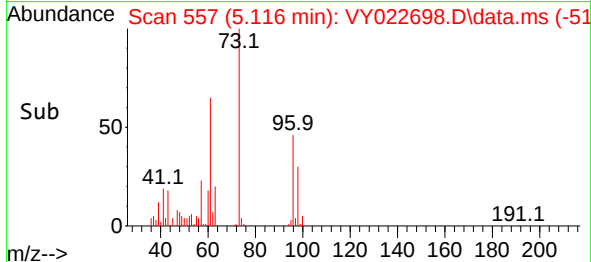
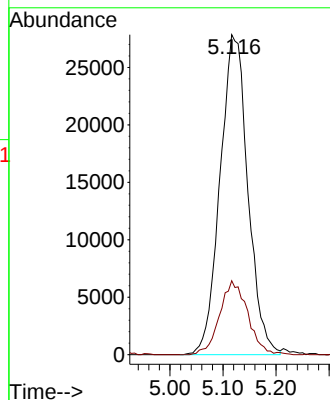
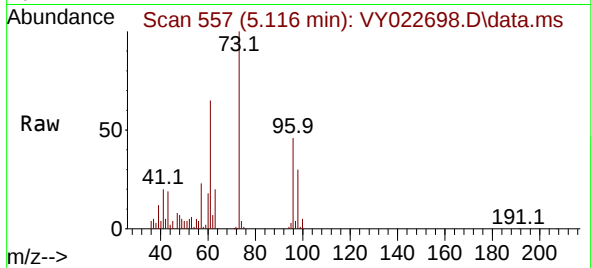




#19
Methyl tert-butyl Ether
Concen: 22.285 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

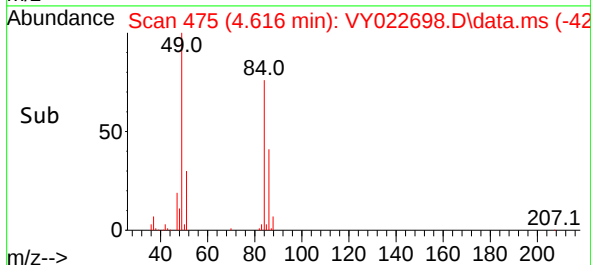
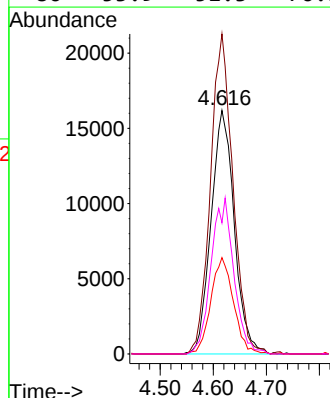
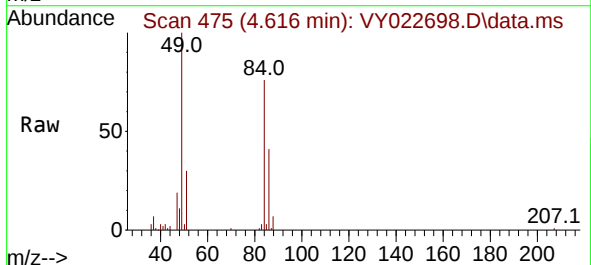
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

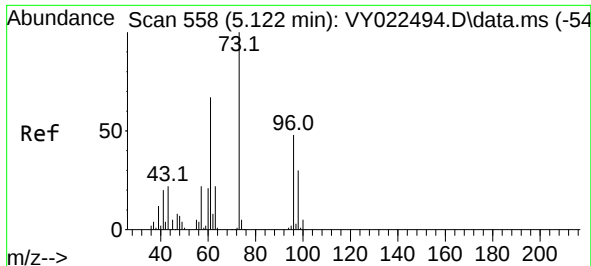
Tgt Ion: 73 Resp: 101505
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 24.784 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 84 Resp: 49311
Ion Ratio Lower Upper
84 100
49 131.4 101.9 152.9
51 39.6 29.8 44.8
86 53.9 51.3 76.9

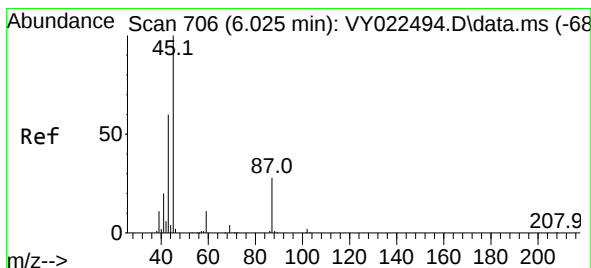
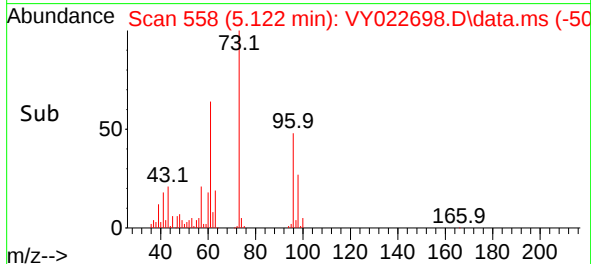
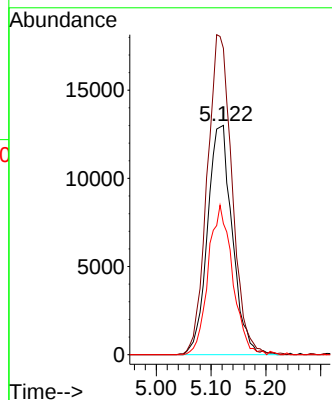
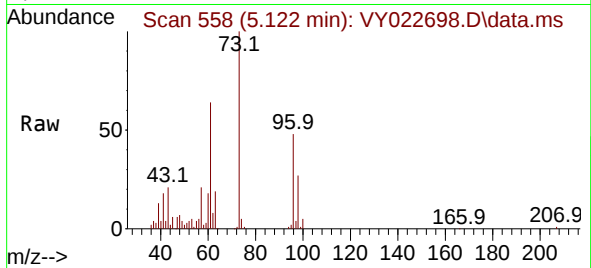




#21
trans-1,2-Dichloroethene
Concen: 22.547 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

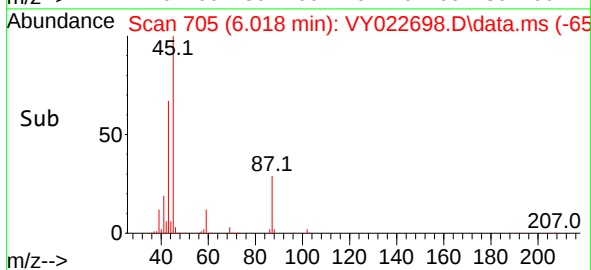
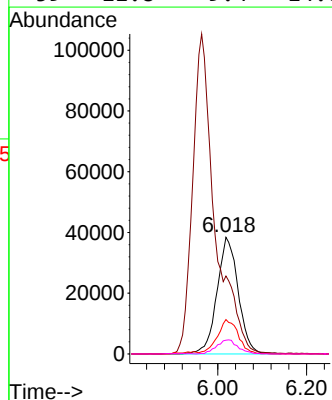
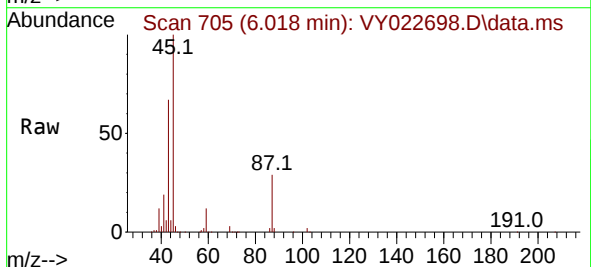
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 96 Resp: 40807
Ion Ratio Lower Upper
96 100
61 133.2 112.6 169.0
98 57.2 50.6 75.8



#22
Diisopropyl ether
Concen: 22.525 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 45 Resp: 127285
Ion Ratio Lower Upper
45 100
43 66.2 48.3 72.5
87 29.5 23.0 34.6
59 11.8 9.4 14.0

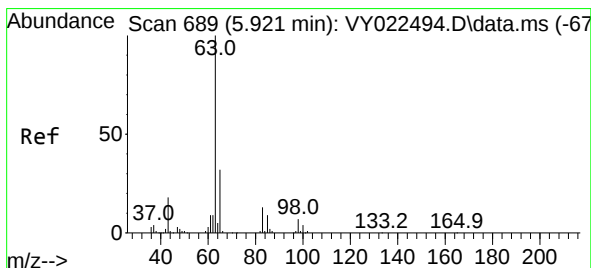
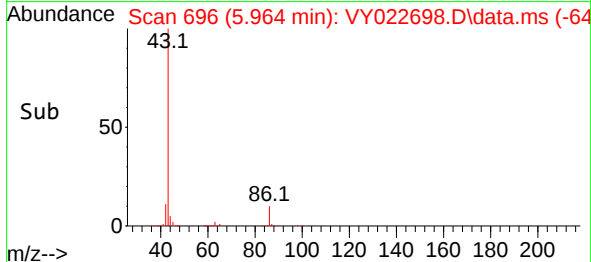
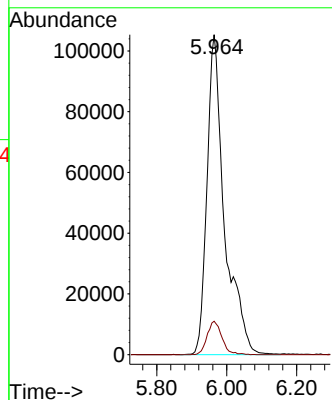
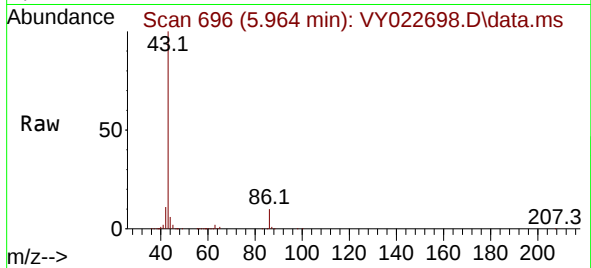




#23
 Vinyl Acetate
 Concen: 109.700 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022698.D
 Acq: 16 Jun 2025 10:34

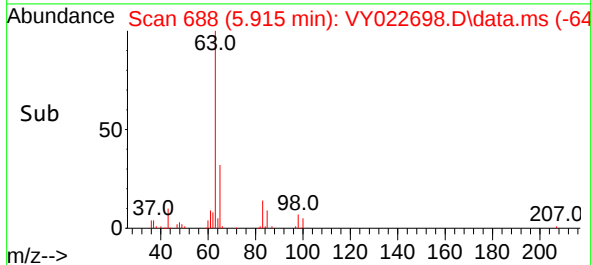
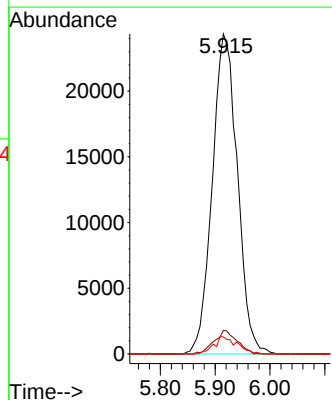
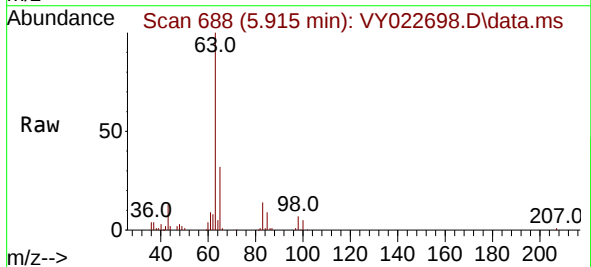
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Tgt Ion: 43 Resp: 366903
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.266 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022698.D
 Acq: 16 Jun 2025 10:34

Tgt Ion: 63 Resp: 77453
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 5.3 2.1 6.3

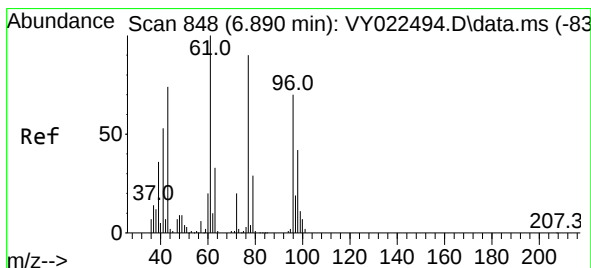
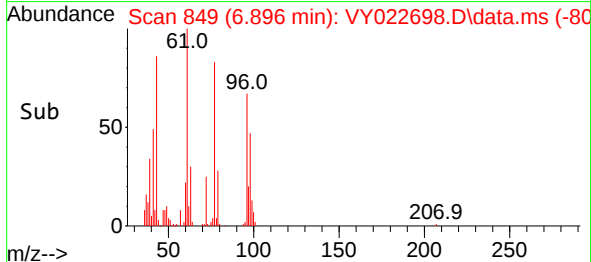
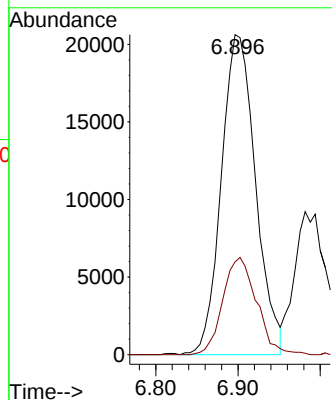
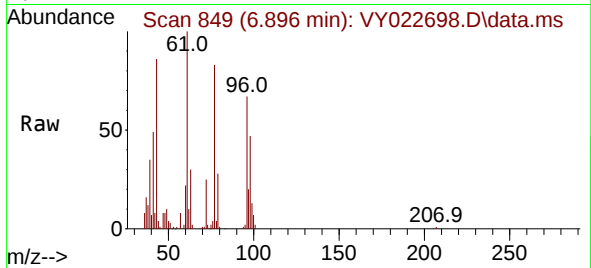




#25
2-Butanone
Concen: 118.250 ug/l
RT: 6.896 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

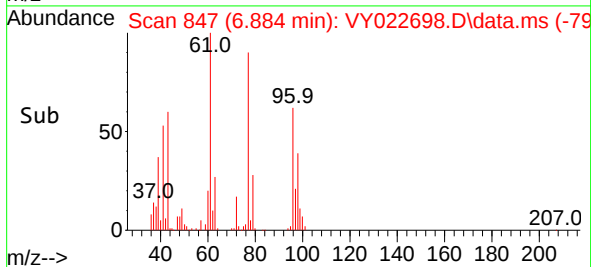
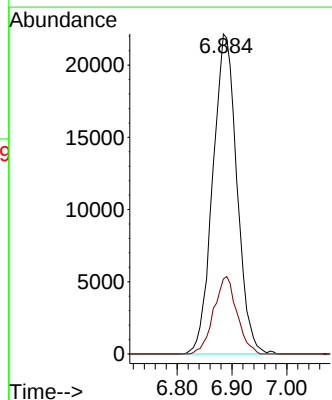
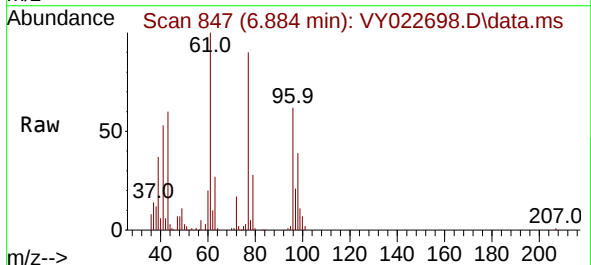
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

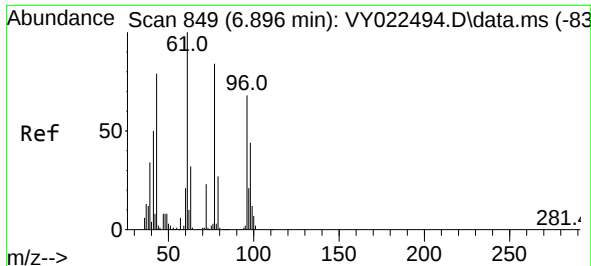
Tgt Ion: 43 Resp: 59745
Ion Ratio Lower Upper
43 100
72 29.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.994 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 77 Resp: 67635
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.944 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

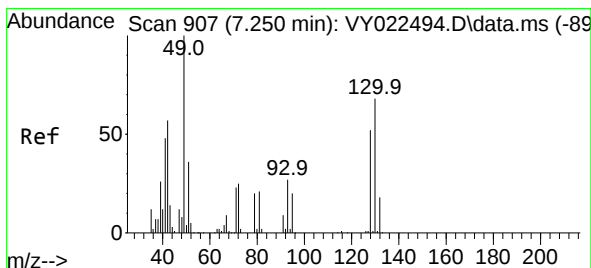
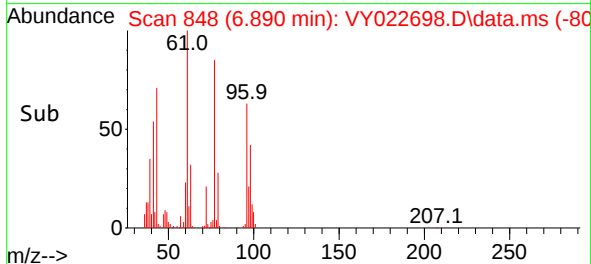
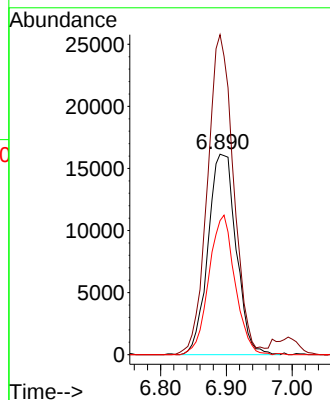
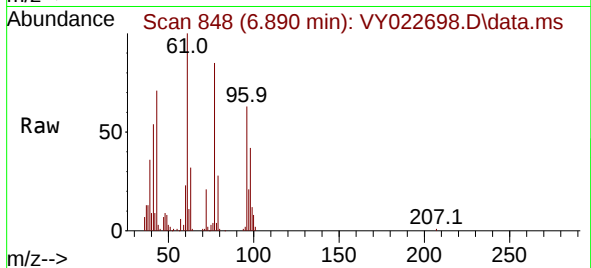
Tgt Ion: 96 Resp: 47998

Ion Ratio Lower Upper

96 100

61 148.9 0.0 290.0

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 23.038 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

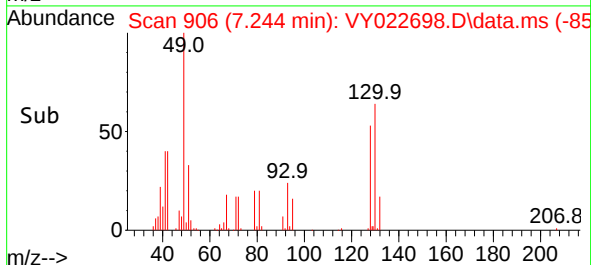
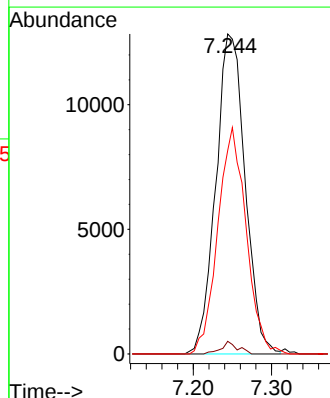
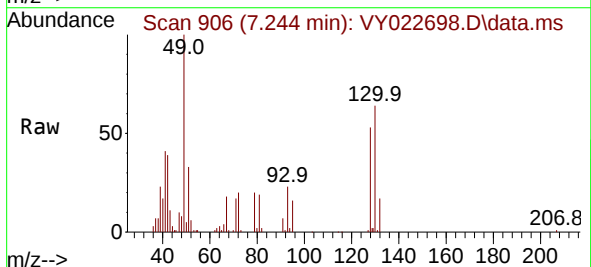
Tgt Ion: 49 Resp: 33432

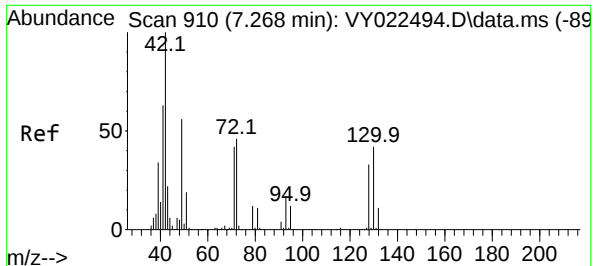
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 68.5 55.7 83.5

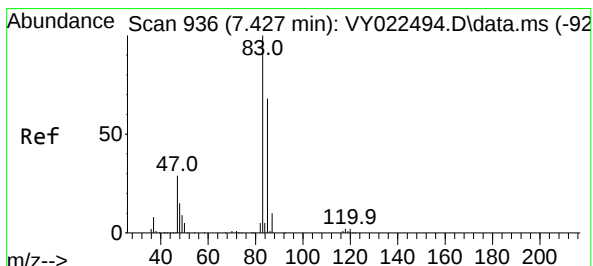
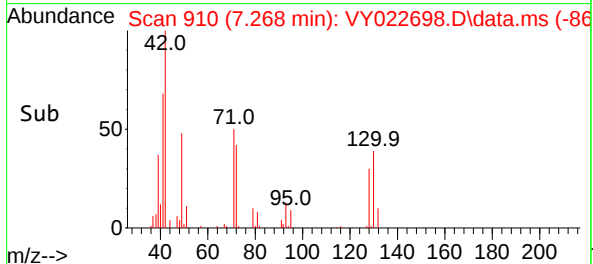
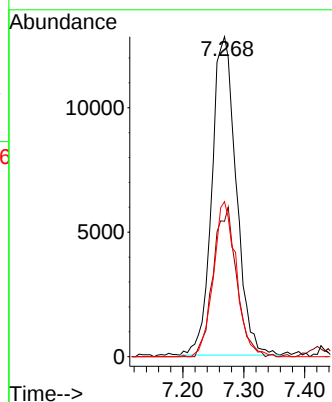
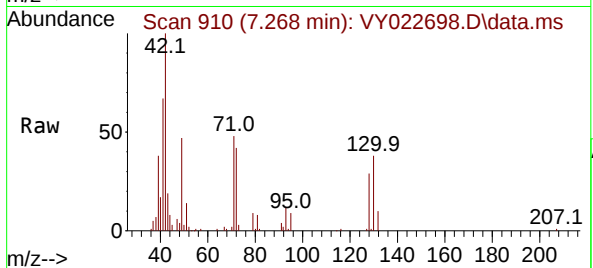




#29
Tetrahydrofuran
Concen: 109.047 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

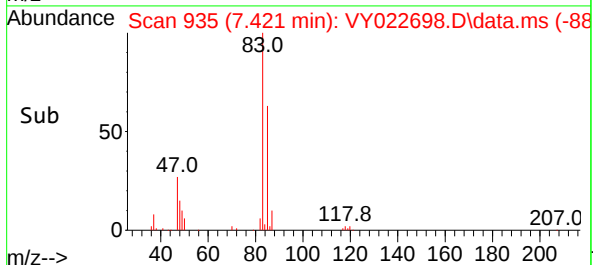
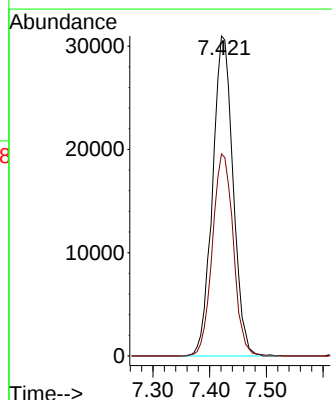
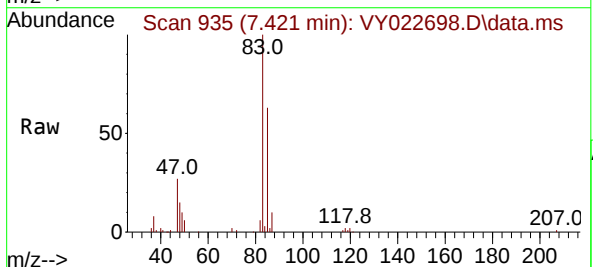
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

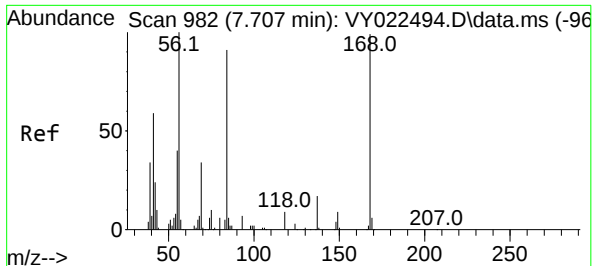
Tgt Ion: 42 Resp: 35535
Ion Ratio Lower Upper
42 100
72 45.4 37.4 56.2
71 45.9 34.2 51.2



#30
Chloroform
Concen: 23.638 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 83 Resp: 77944
Ion Ratio Lower Upper
83 100
85 63.1 54.2 81.4





#31

Cyclohexane

Concen: 20.816 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

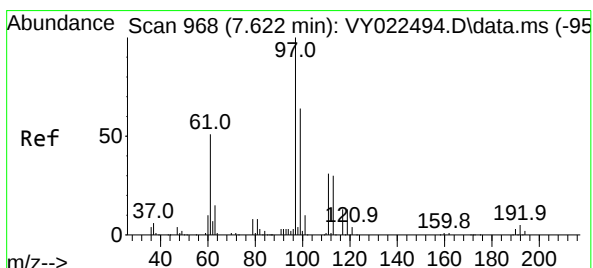
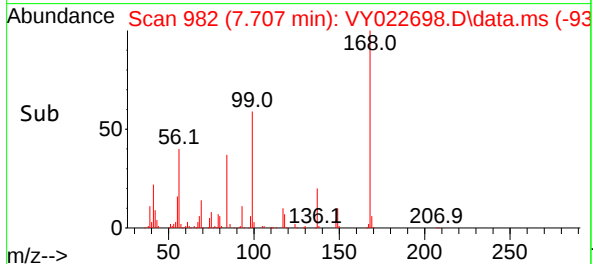
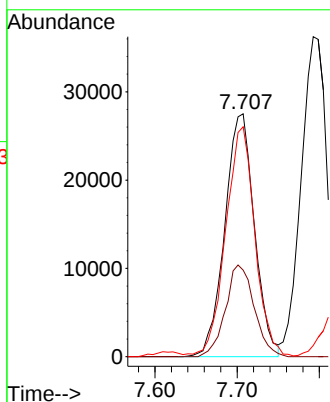
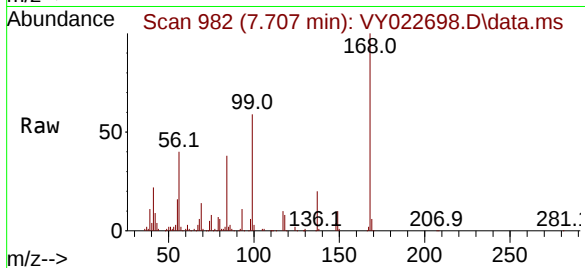
Tgt Ion: 56 Resp: 68987

Ion Ratio Lower Upper

56 100

69 35.6 27.0 40.6

84 93.2 72.6 109.0



#32

1,1,1-Trichloroethane

Concen: 22.859 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

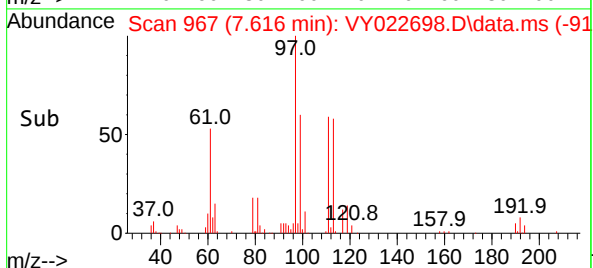
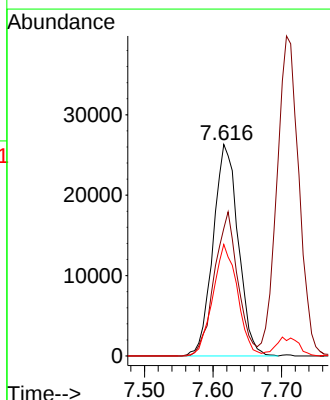
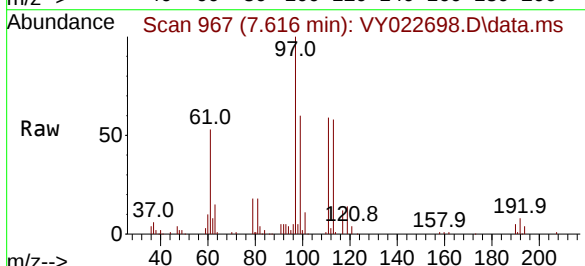
Tgt Ion: 97 Resp: 66910

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 51.8 38.5 57.7

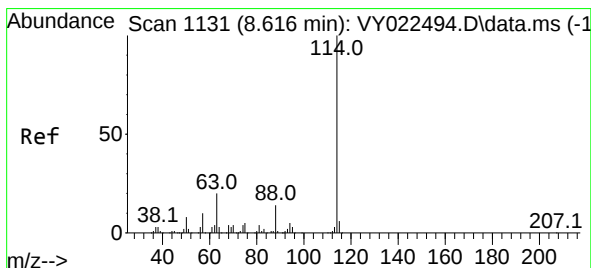
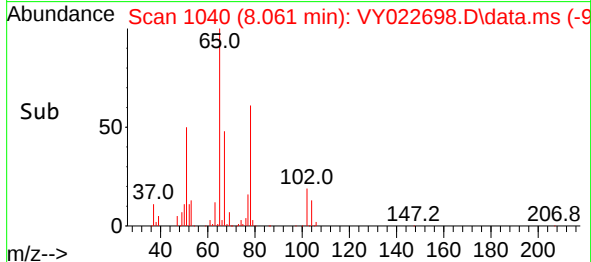
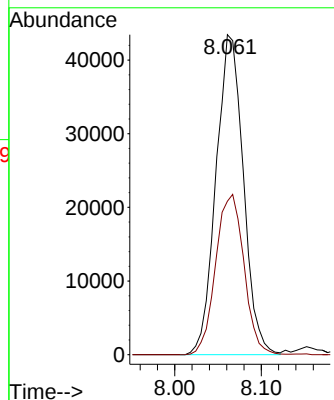
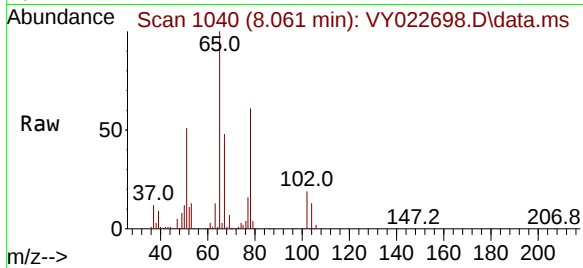




#33
1,2-Dichloroethane-d4
Concen: 55.317 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

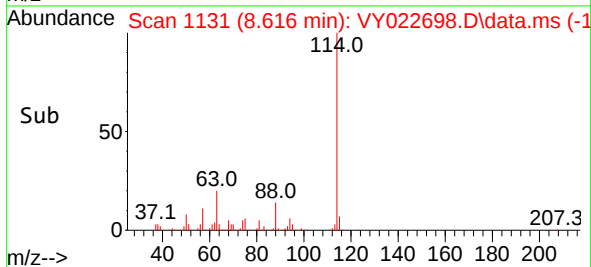
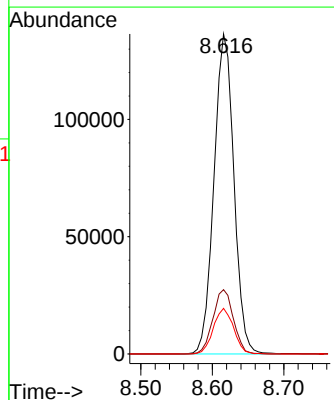
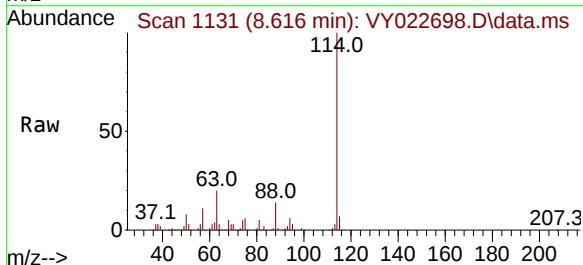
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion: 65 Resp: 95407
Ion Ratio Lower Upper
65 100
67 51.8 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: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 114 Resp: 264302
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 14.2 0.0 27.8

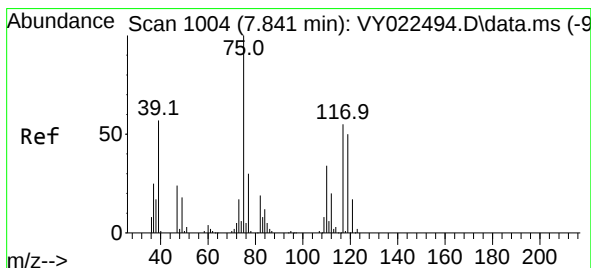
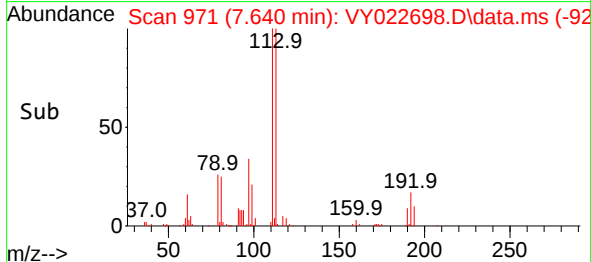
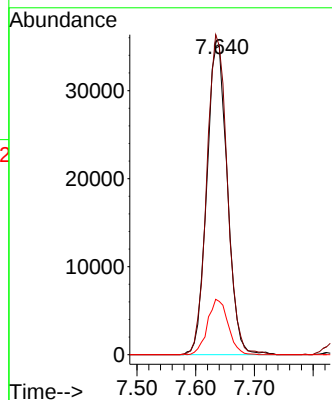
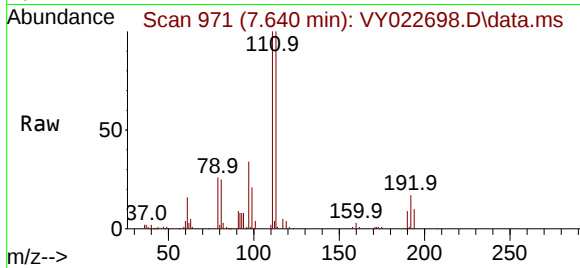




#35
Dibromofluoromethane
Concen: 54.437 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

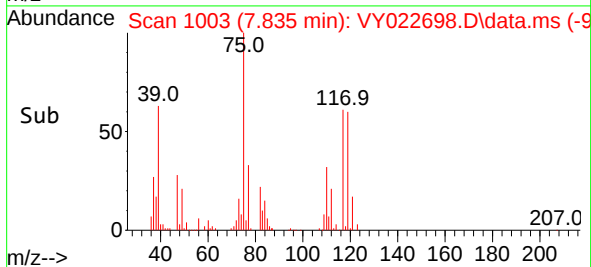
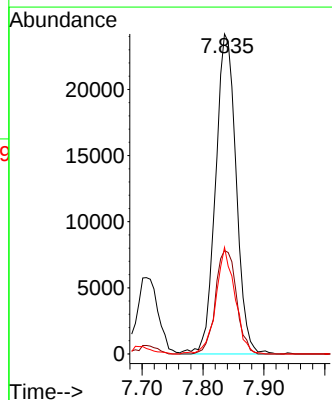
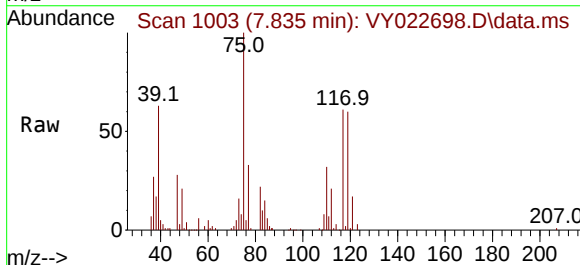
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:113 Resp: 85878
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 17.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 22.177 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 75 Resp: 56782
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 30.9 24.8 37.2

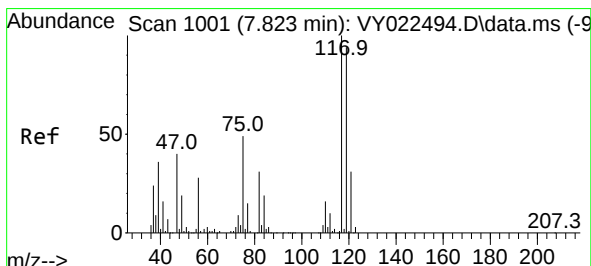
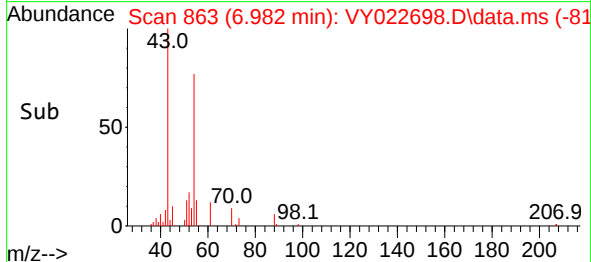
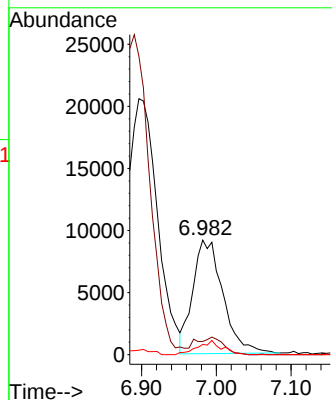
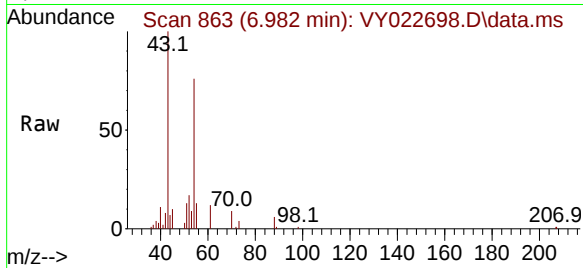




#37
Ethyl Acetate
Concen: 22.364 ug/l
RT: 6.982 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

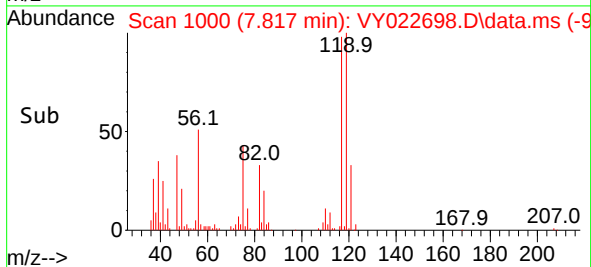
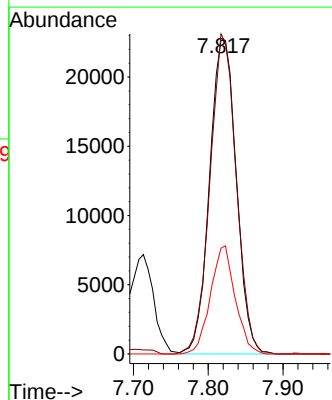
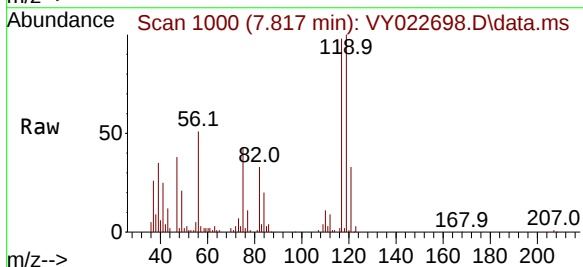
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

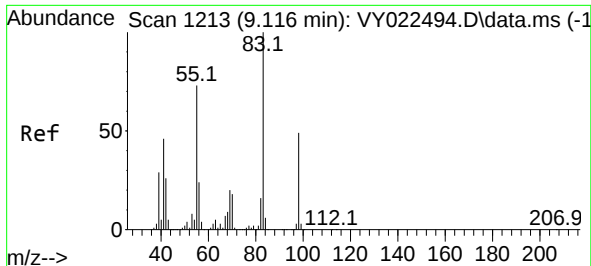
Tgt Ion:	43	Resp:	25536
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	9.9	7.2	10.8



#38
Carbon Tetrachloride
Concen: 21.610 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:	117	Resp:	56761
Ion	Ratio	Lower	Upper
117	100		
119	102.0	75.0	112.6
121	33.7	25.0	37.4

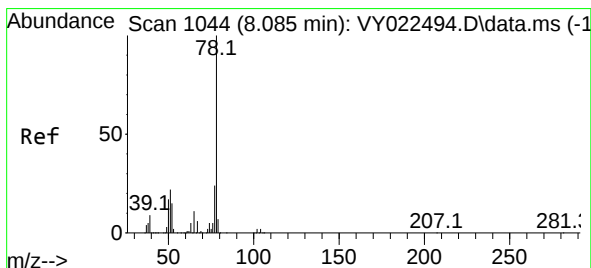
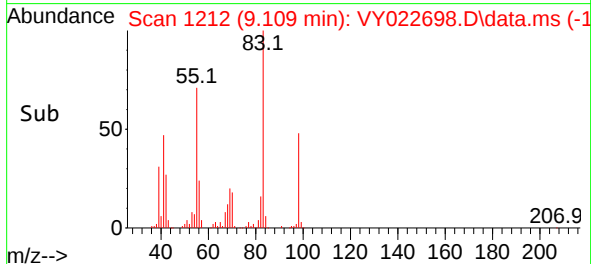
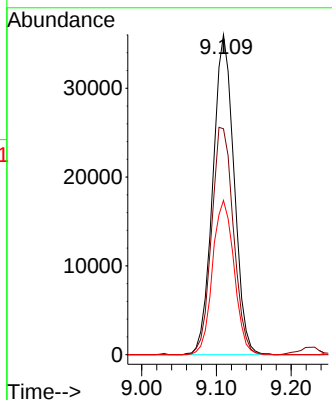
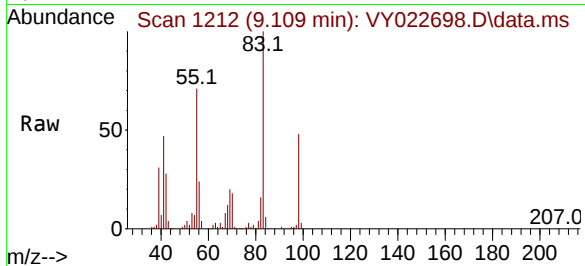




#39
Methylcyclohexane
Concen: 20.689 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

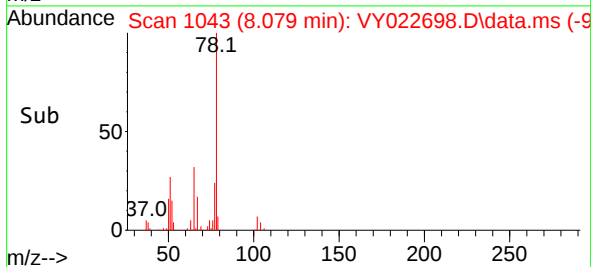
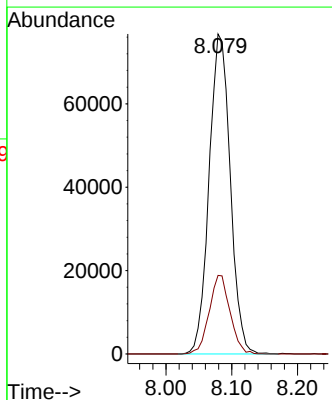
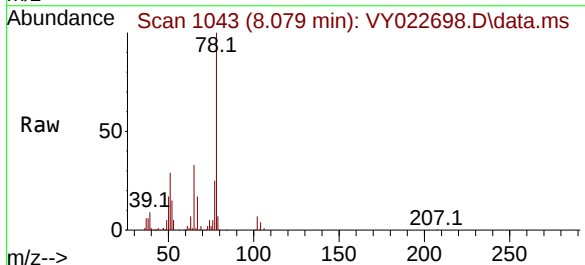
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

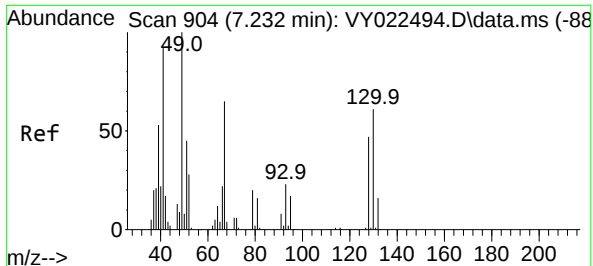
Tgt Ion: 83 Resp: 71187
Ion Ratio Lower Upper
83 100
55 70.6 58.1 87.1
98 48.2 39.0 58.6



#40
Benzene
Concen: 22.703 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 78 Resp: 171688
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

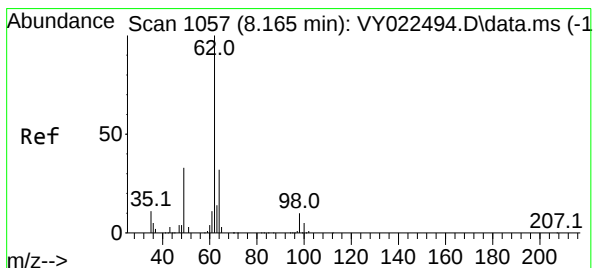
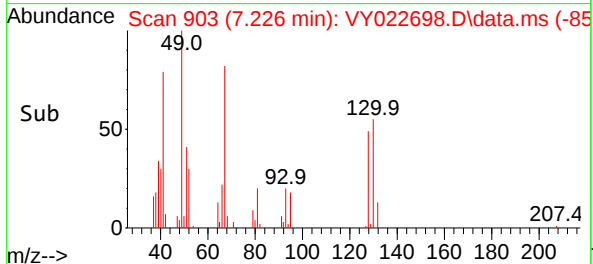
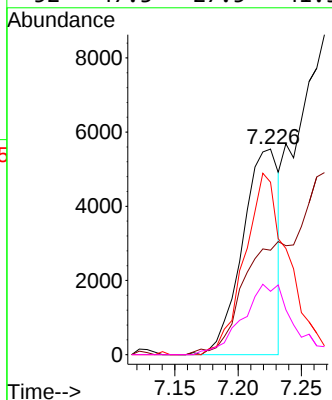
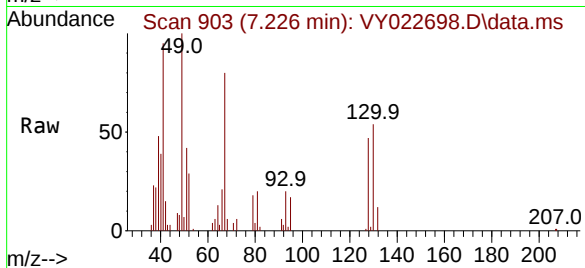




#41
Methacrylonitrile
Concen: 16.651 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

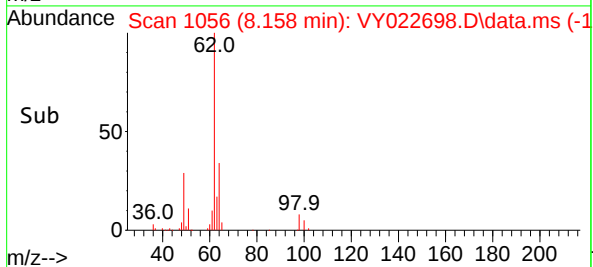
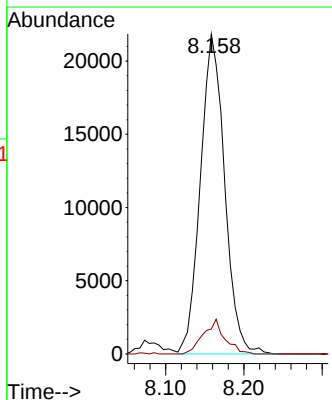
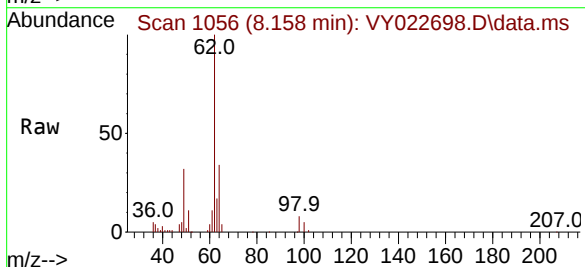
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

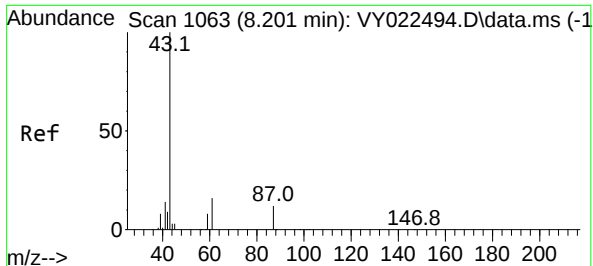
Tgt Ion: 41 Resp: 11105
Ion Ratio Lower Upper
41 100
39 0.0 46.6 69.8#
67 107.0 63.3 94.9#
52 47.3 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 22.741 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 62 Resp: 46956
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 21.643 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

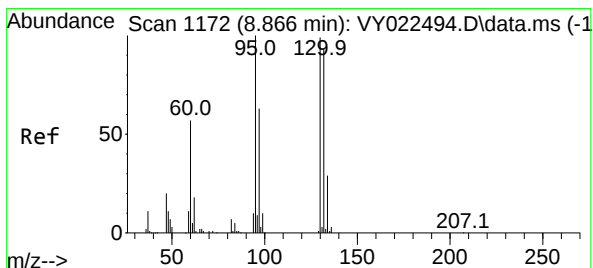
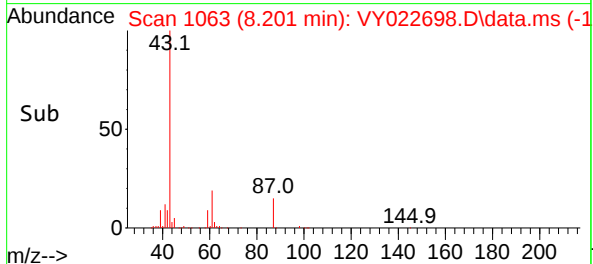
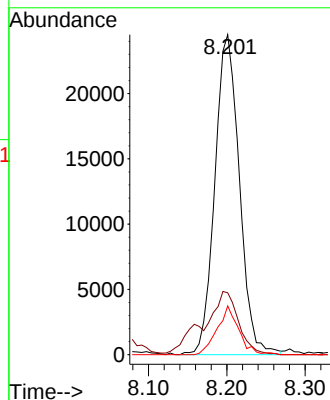
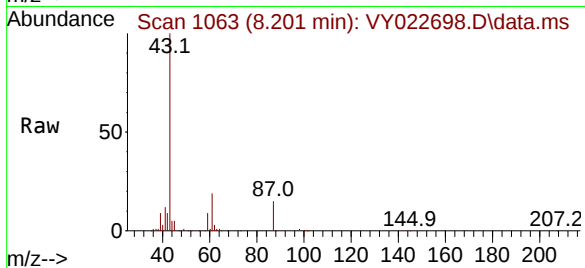
Tgt Ion: 43 Resp: 53371

Ion Ratio Lower Upper

43 100

61 20.6 15.6 23.4

87 13.5 10.2 15.4



#44

Trichloroethene

Concen: 23.404 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022698.D

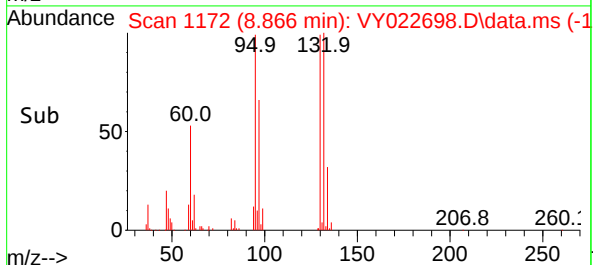
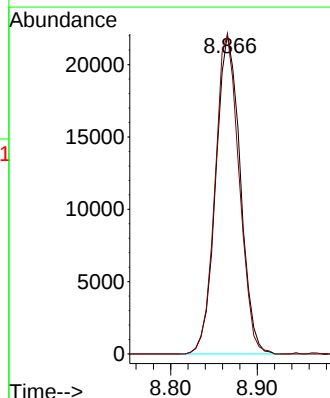
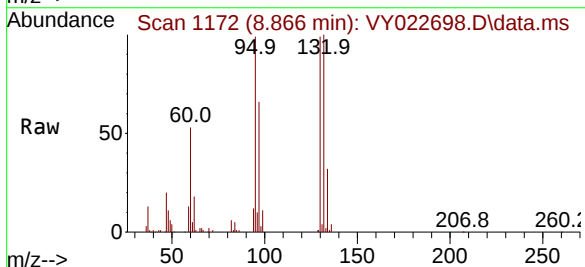
Acq: 16 Jun 2025 10:34

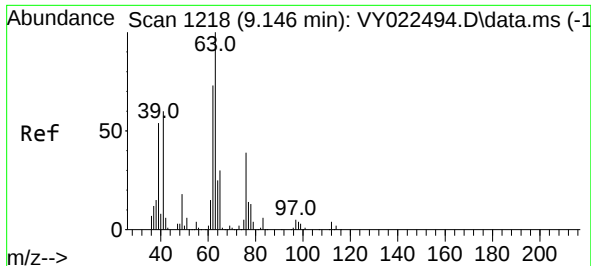
Tgt Ion:130 Resp: 43256

Ion Ratio Lower Upper

130 100

95 99.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 23.548 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

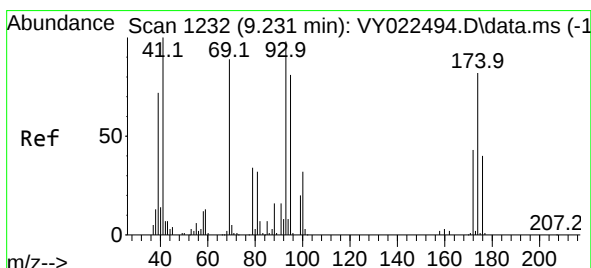
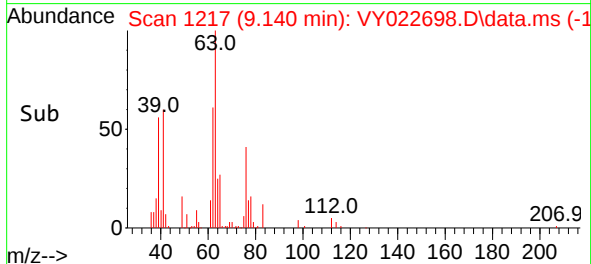
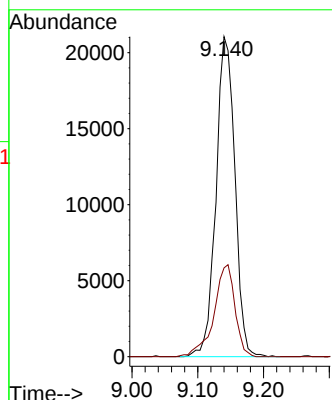
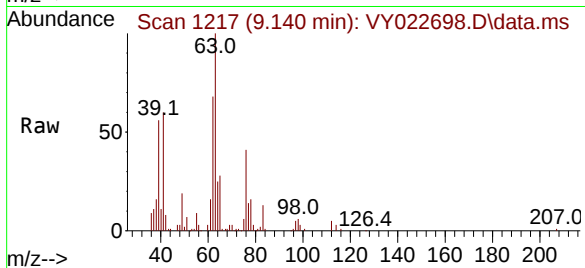
VY0616SBS01

Tgt Ion: 63 Resp: 42085

Ion Ratio Lower Upper

63 100

65 27.7 24.0 36.0



#46

Dibromomethane

Concen: 23.094 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

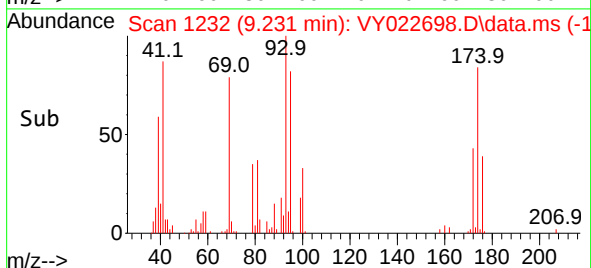
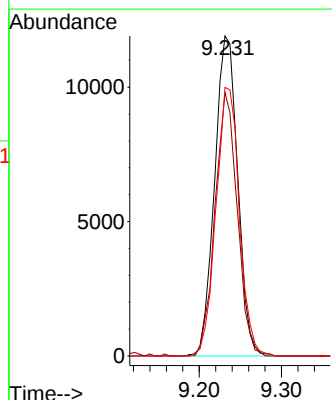
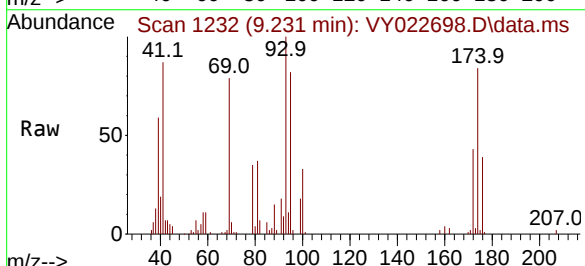
Tgt Ion: 93 Resp: 23220

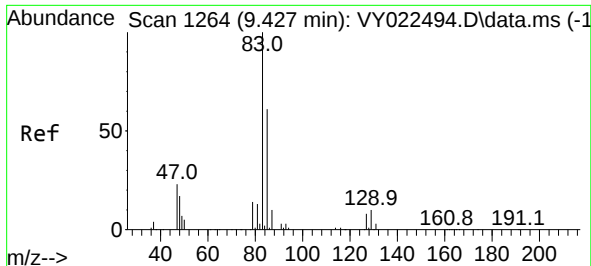
Ion Ratio Lower Upper

93 100

95 79.0 65.6 98.4

174 84.6 70.4 105.6

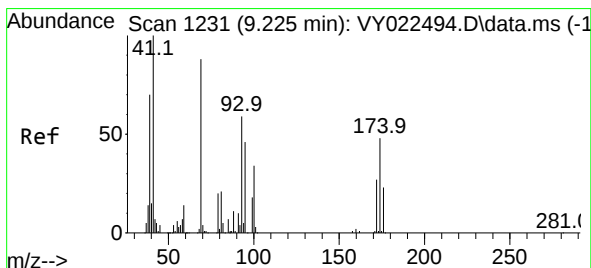
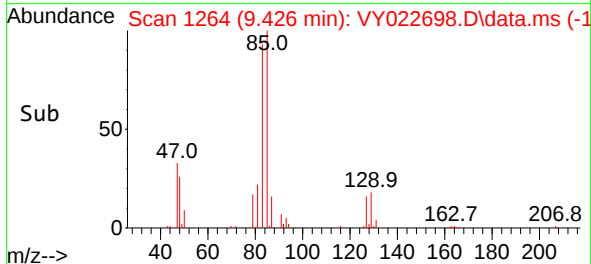
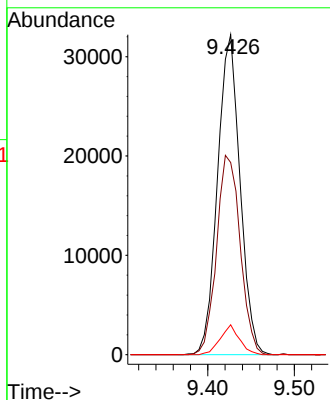
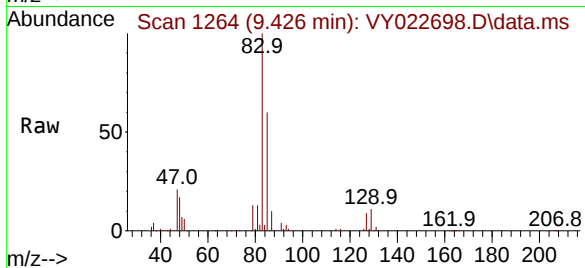




#47
Bromodichloromethane
Concen: 22.777 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

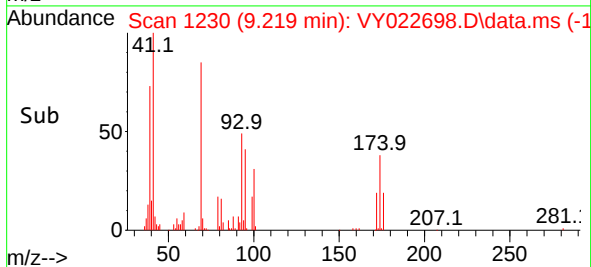
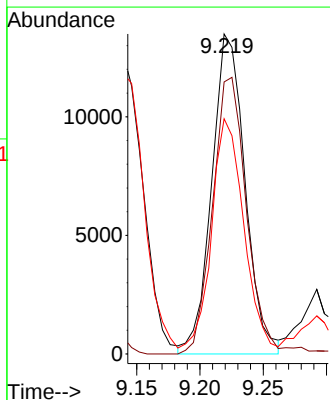
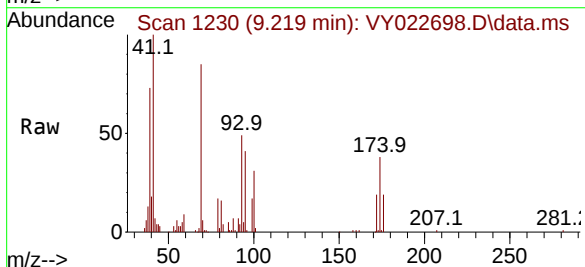
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

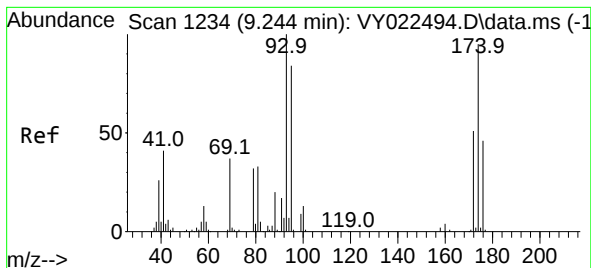
Tgt Ion: 83 Resp: 58071
Ion Ratio Lower Upper
83 100
85 60.0 49.1 73.7
127 9.4 6.2 9.4



#48
Methyl methacrylate
Concen: 21.328 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 41 Resp: 24684
Ion Ratio Lower Upper
41 100
69 89.4 67.8 101.8
39 68.6 55.0 82.4





#49

1,4-Dioxane

Concen: 398.509 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

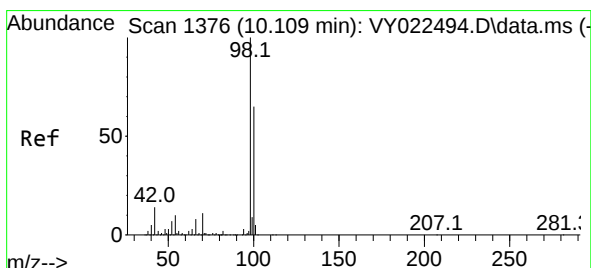
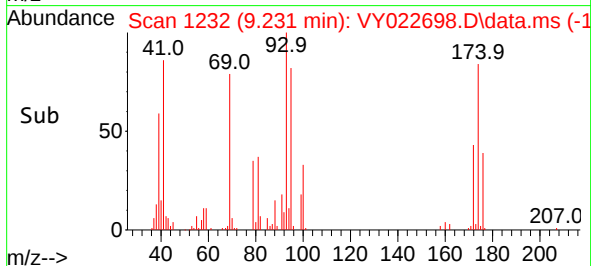
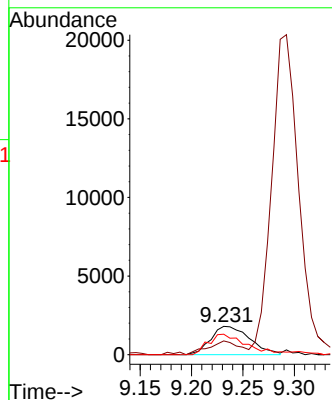
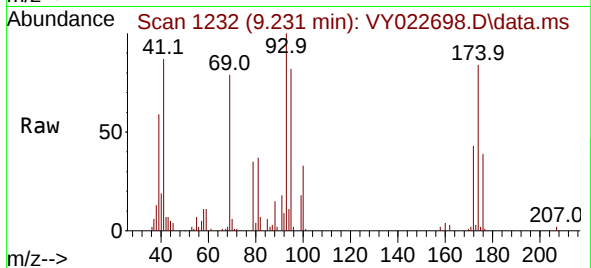
Tgt Ion: 88 Resp: 4747

Ion Ratio Lower Upper

88 100

43 39.2 25.4 38.2#

58 71.4 54.9 82.3



#50

Toluene-d8

Concen: 54.130 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022698.D

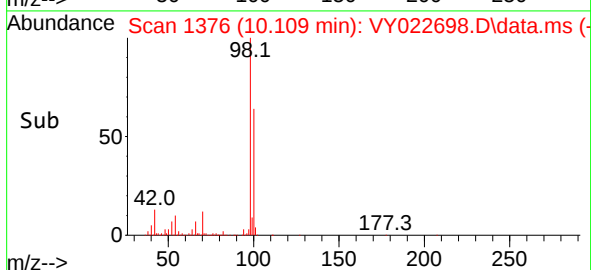
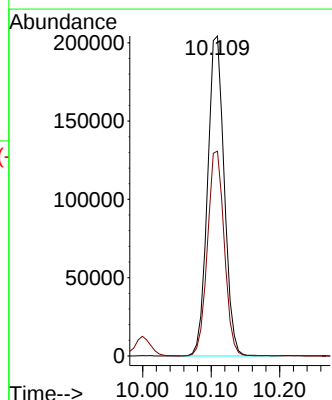
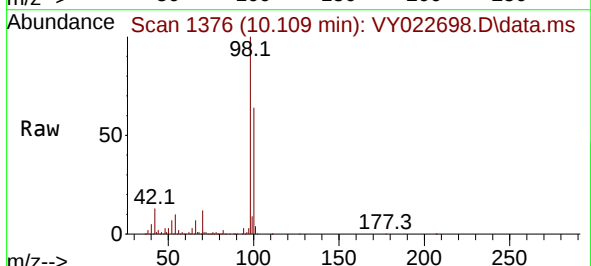
Acq: 16 Jun 2025 10:34

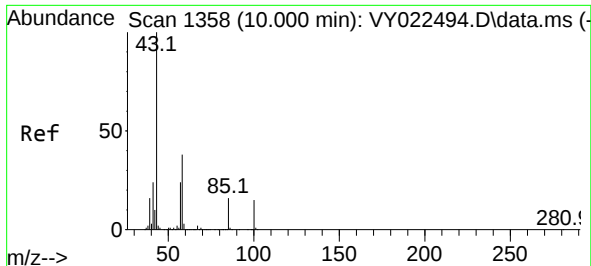
Tgt Ion: 98 Resp: 345045

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

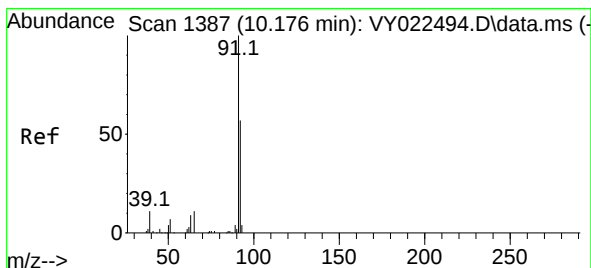
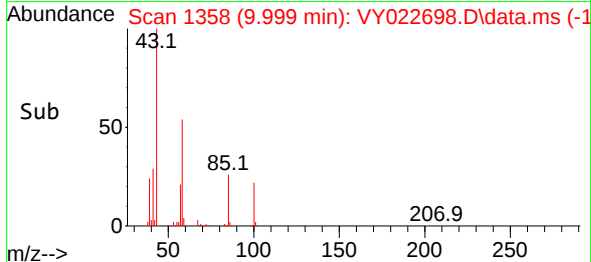
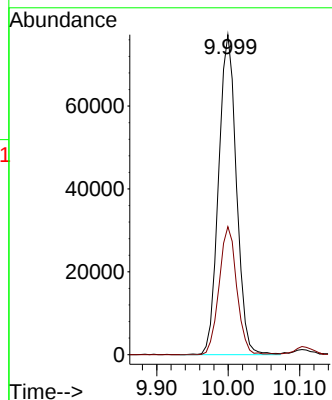
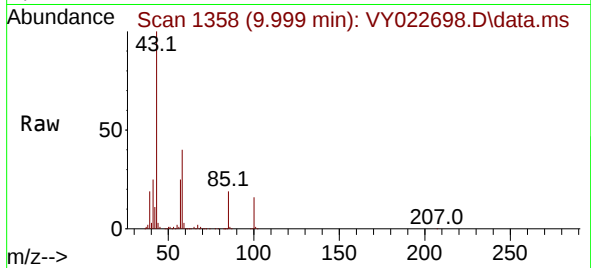




#51
4-Methyl-2-Pentanone
Concen: 108.744 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

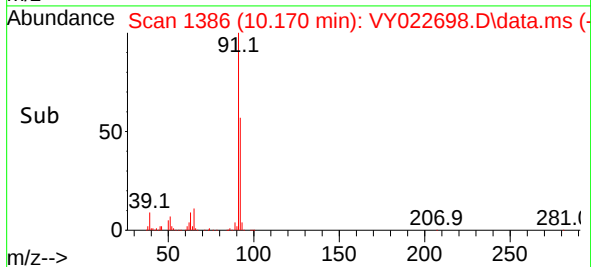
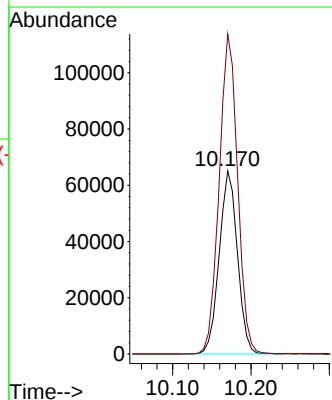
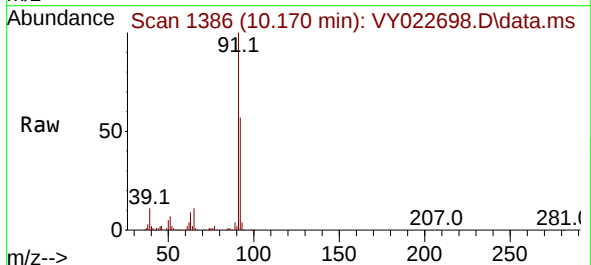
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

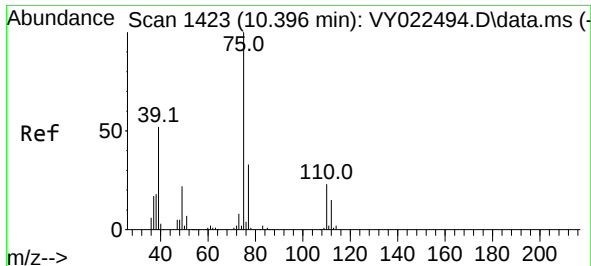
Tgt Ion: 43 Resp: 133697
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#52
Toluene
Concen: 22.165 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 92 Resp: 105337
Ion Ratio Lower Upper
92 100
91 177.2 139.0 208.4

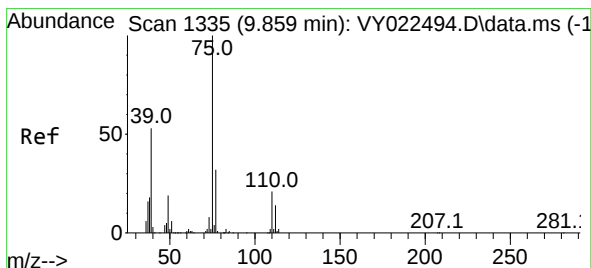
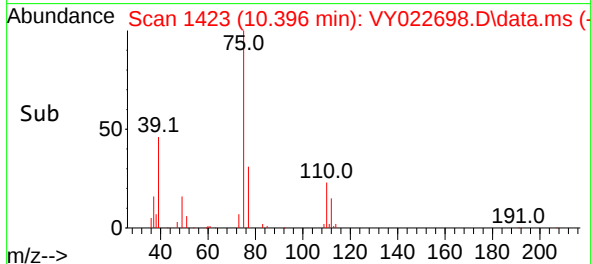
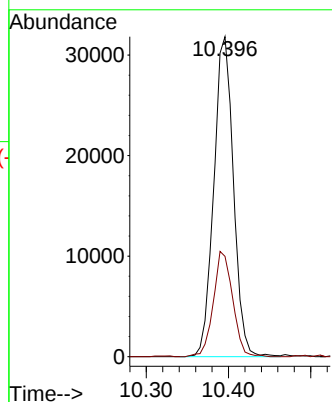
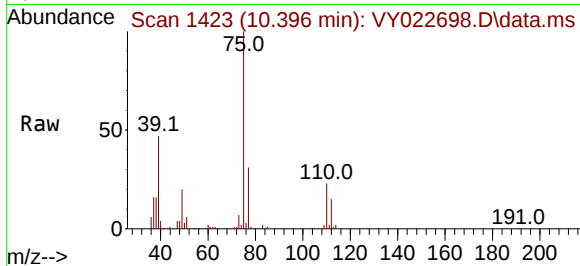




#53
t-1,3-Dichloropropene
Concen: 22.135 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

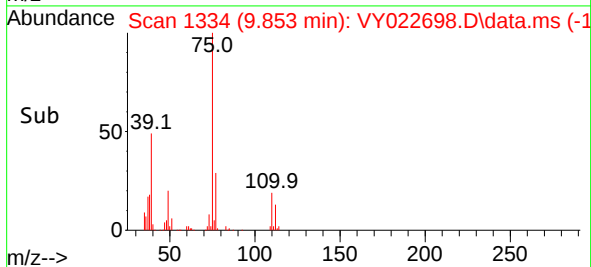
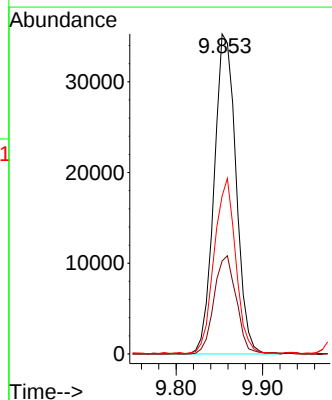
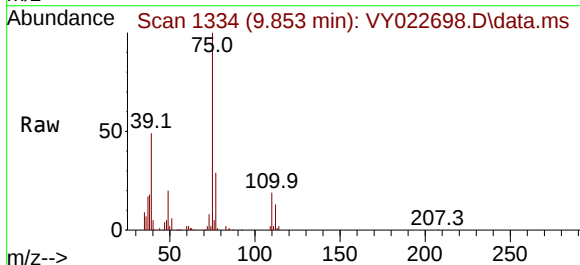
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

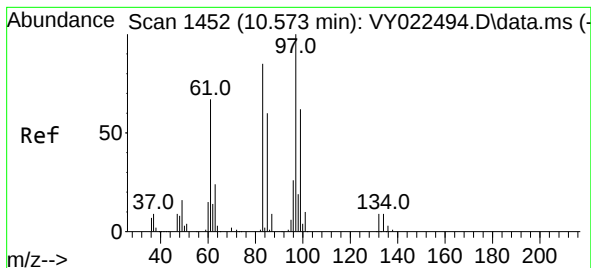
Tgt Ion: 75 Resp: 52876
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 22.295 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 75 Resp: 61997
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9
39 49.3 42.7 64.1

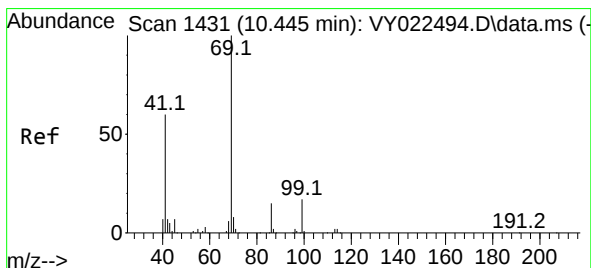
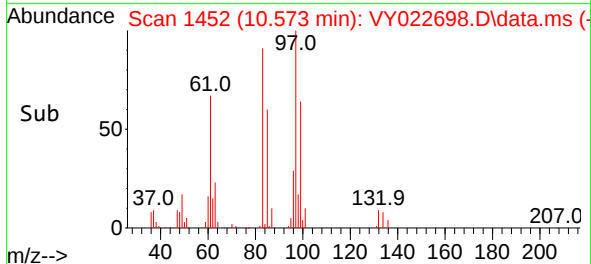
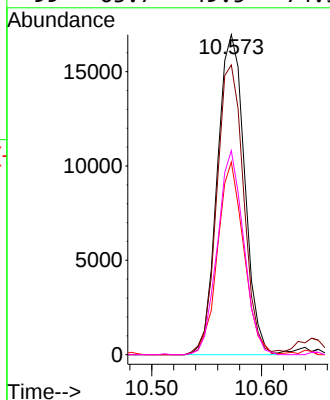
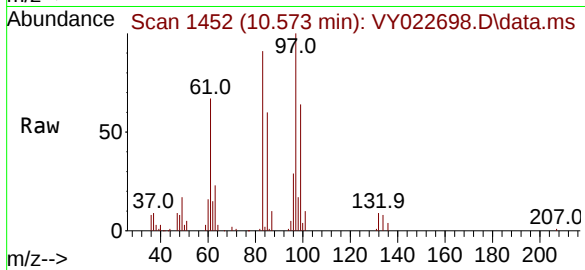




#55
1,1,2-Trichloroethane
Concen: 22.865 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

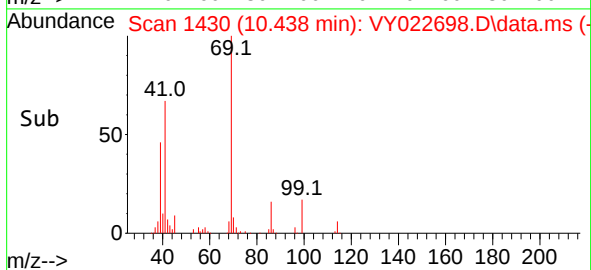
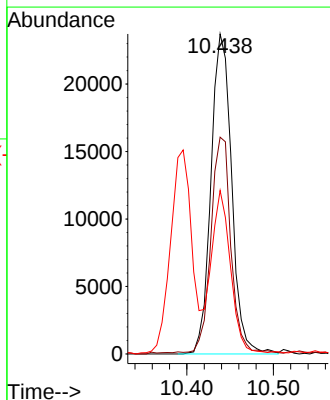
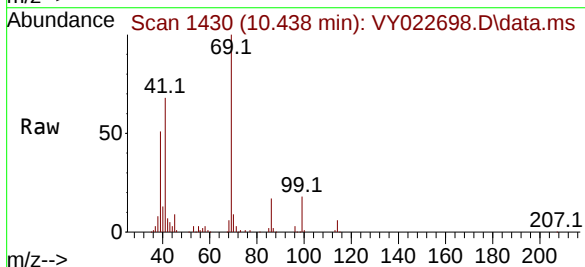
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

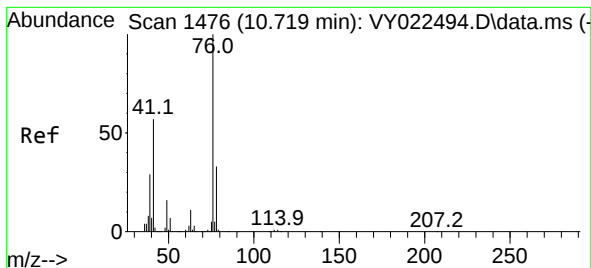
Tgt Ion:	97	Resp:	29316
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.1	102.1
85	60.2	48.2	72.2
99	63.7	49.5	74.3



#56
Ethyl methacrylate
Concen: 21.236 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:	69	Resp:	39351
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.2
39	48.2	36.7	55.1





#57

1,3-Dichloropropane

Concen: 22.406 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

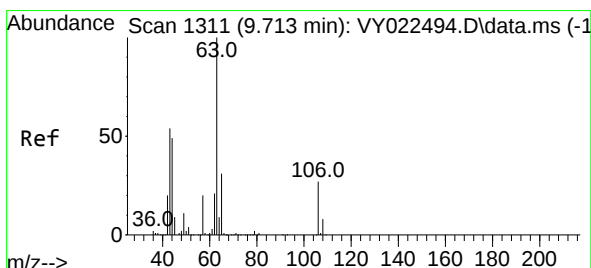
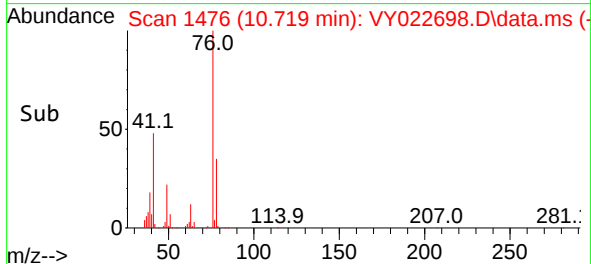
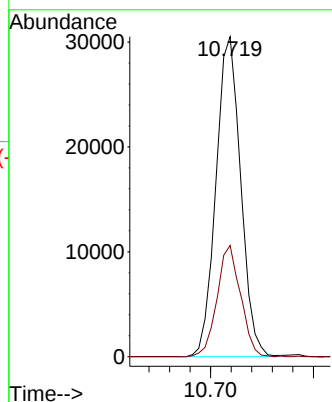
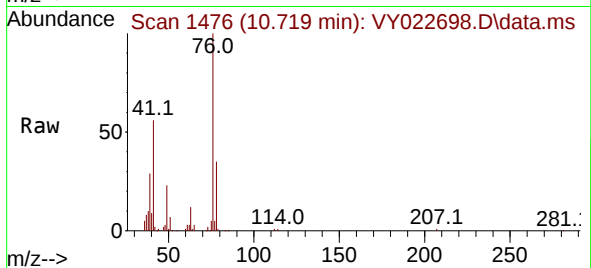
VY0616SBS01

Tgt Ion: 76 Resp: 50916

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 112.411 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022698.D

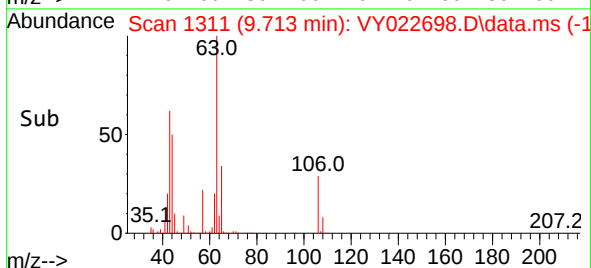
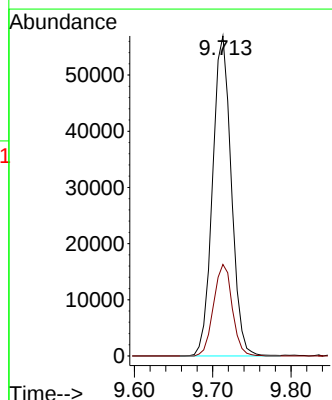
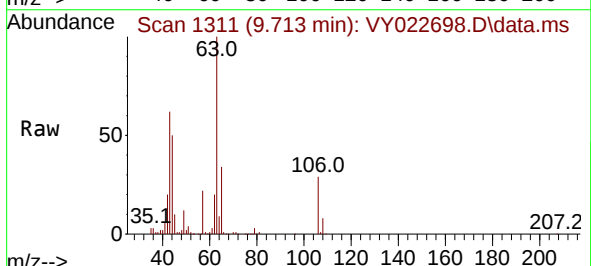
Acq: 16 Jun 2025 10:34

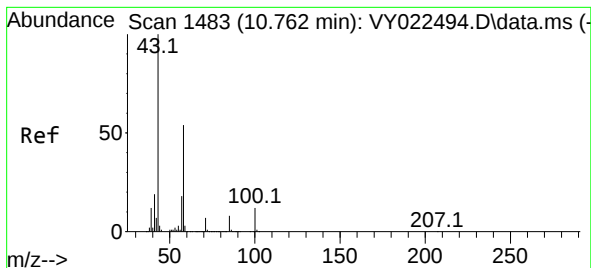
Tgt Ion: 63 Resp: 94575

Ion Ratio Lower Upper

63 100

106 28.5 21.6 32.4

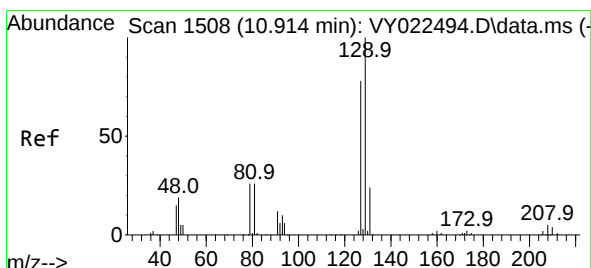
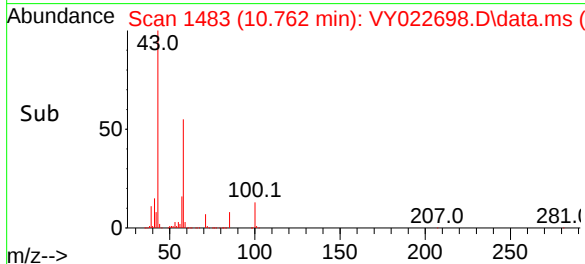
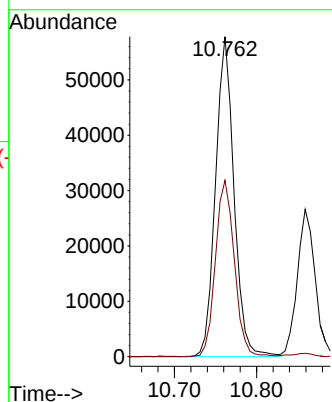
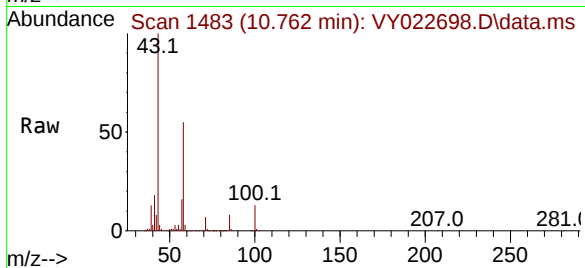




#59
2-Hexanone
Concen: 109.691 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

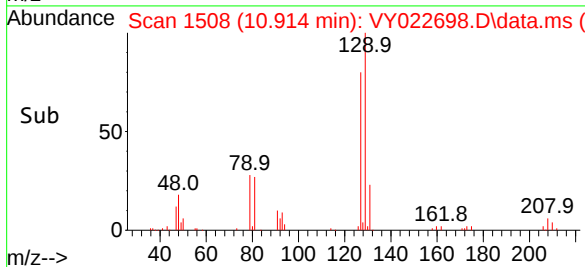
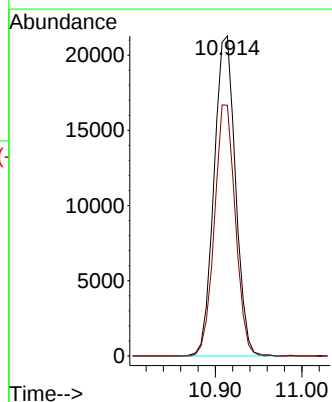
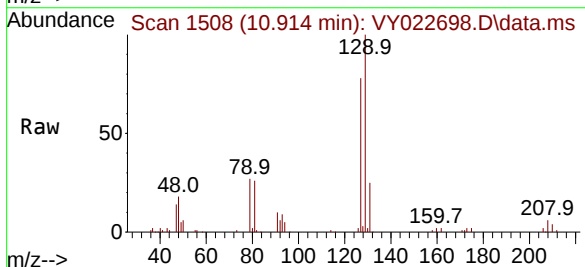
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

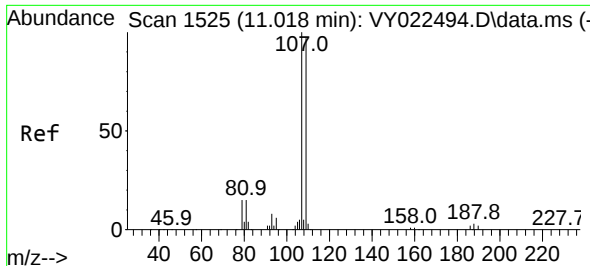
Tgt Ion: 43 Resp: 90194
Ion Ratio Lower Upper
43 100
58 56.5 27.3 81.8



#60
Dibromochloromethane
Concen: 22.448 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 129 Resp: 36576
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

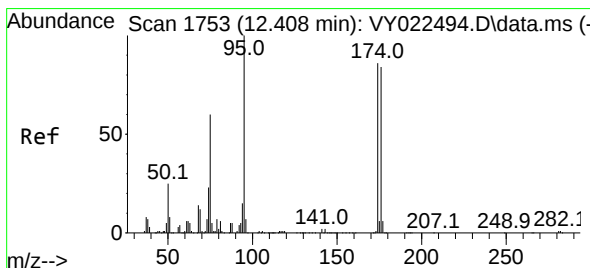
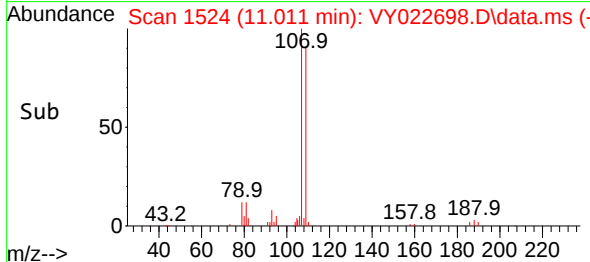
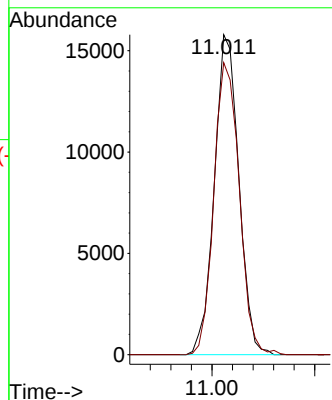
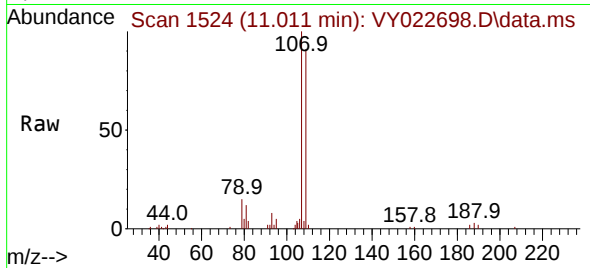




#61
1,2-Dibromoethane
Concen: 22.333 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

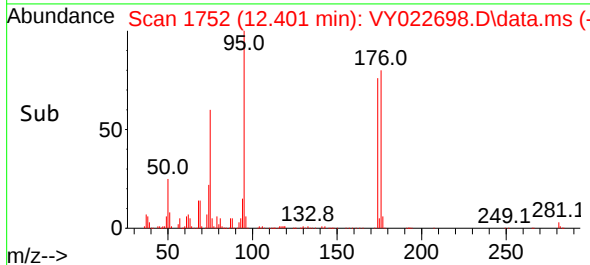
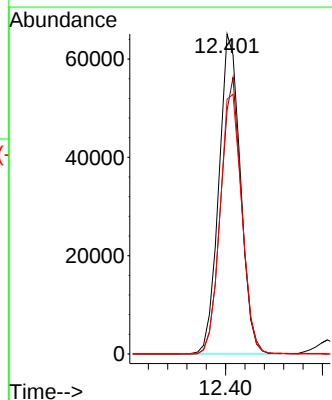
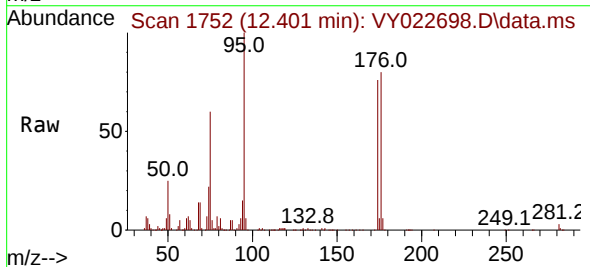
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

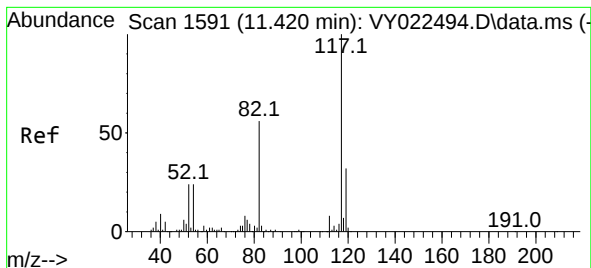
Tgt Ion:107 Resp: 26098
Ion Ratio Lower Upper
107 100
109 94.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.730 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 95 Resp: 100147
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 82.7 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: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

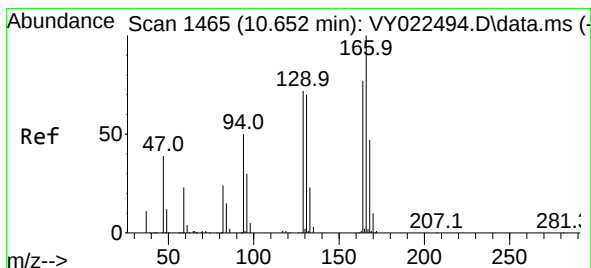
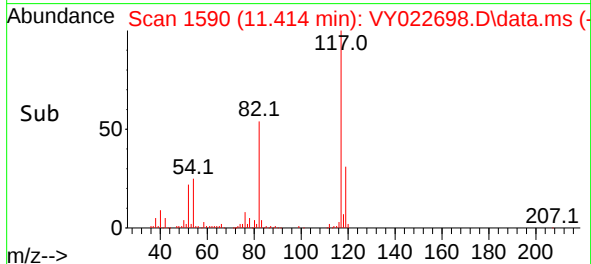
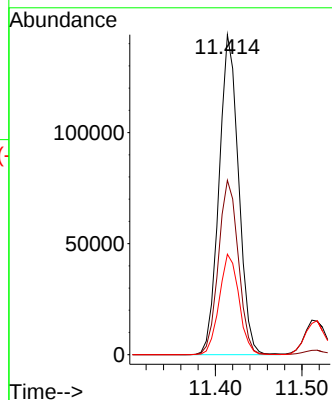
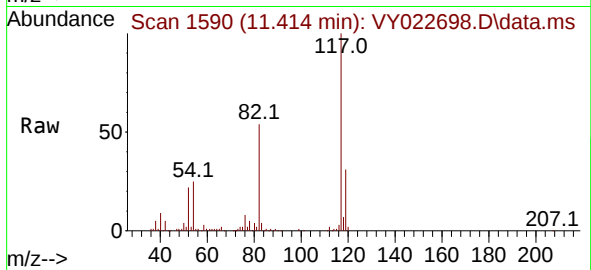
Tgt Ion:117 Resp: 225807

Ion Ratio Lower Upper

117 100

82 54.5 44.6 66.8

119 31.4 25.4 38.0



#64

Tetrachloroethene

Concen: 25.208 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Tgt Ion:164 Resp: 48965

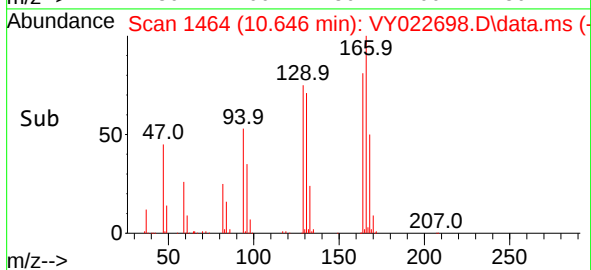
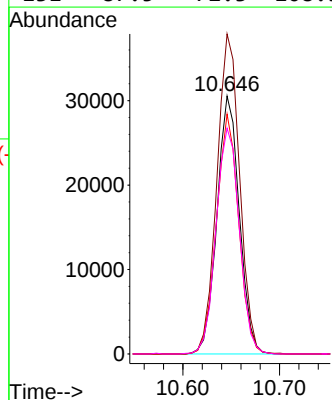
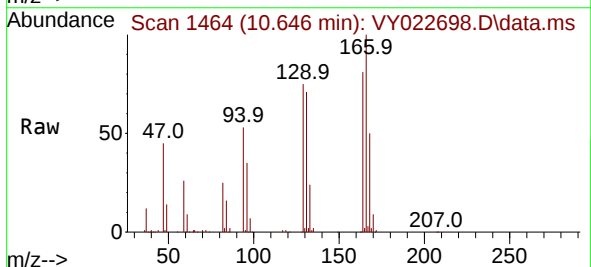
Ion Ratio Lower Upper

164 100

166 124.0 104.0 156.0

129 93.0 74.5 111.7

131 87.5 72.3 108.5

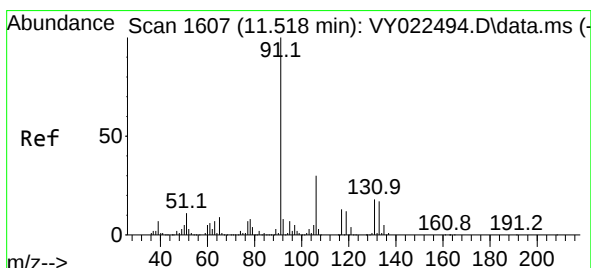
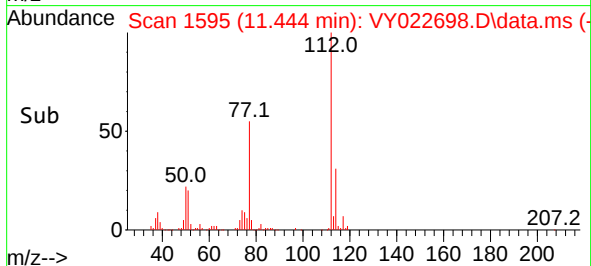
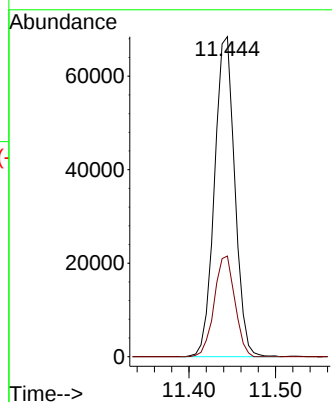
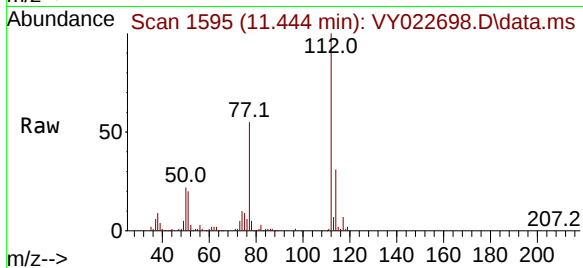




#65
Chlorobenzene
Concen: 22.294 ug/l
RT: 11.444 min Scan# 111400
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

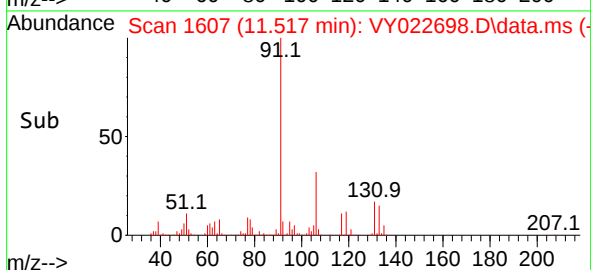
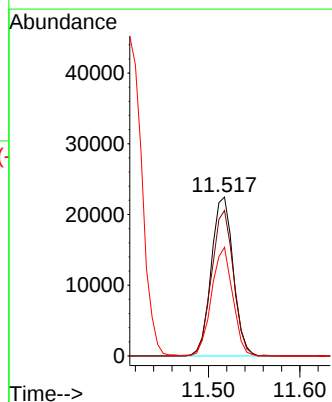
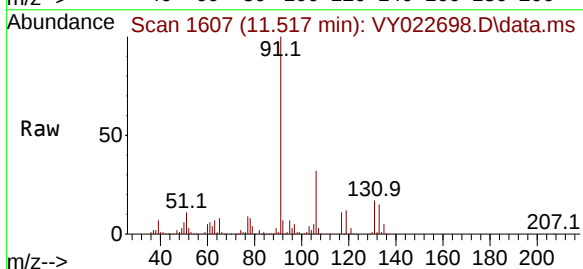
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

Tgt Ion:112 Resp: 111400
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.180 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:131 Resp: 37335
Ion Ratio Lower Upper
131 100
133 92.0 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 21.495 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

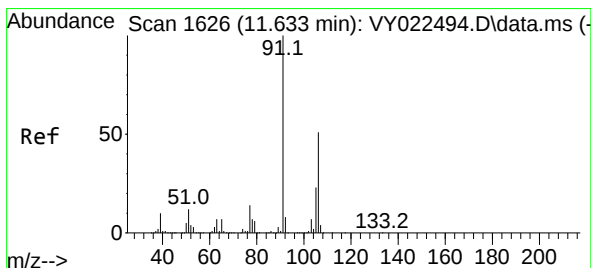
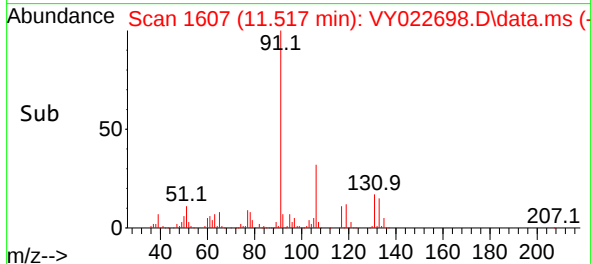
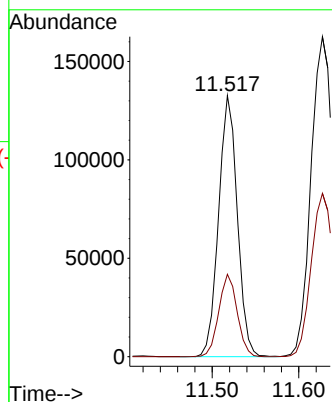
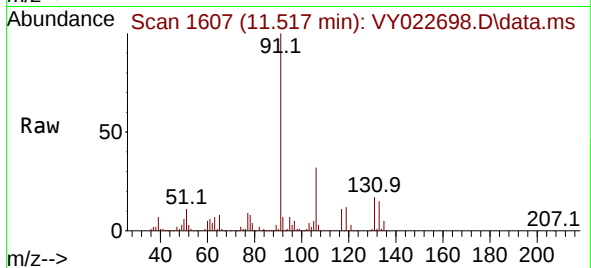
VY0616SBS01

Tgt Ion: 91 Resp: 199212

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.4



#68

m/p-Xylenes

Concen: 42.651 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022698.D

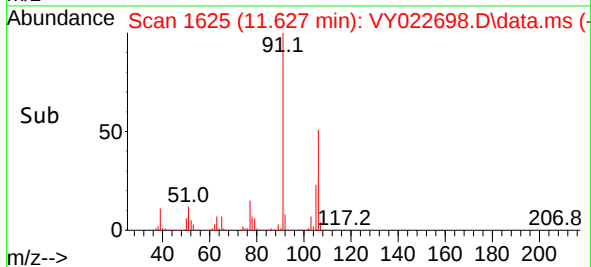
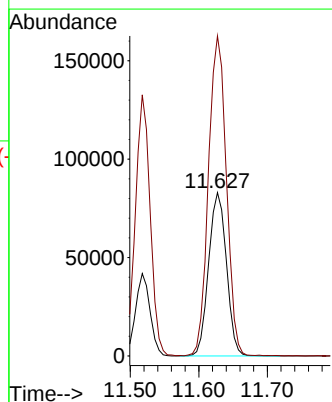
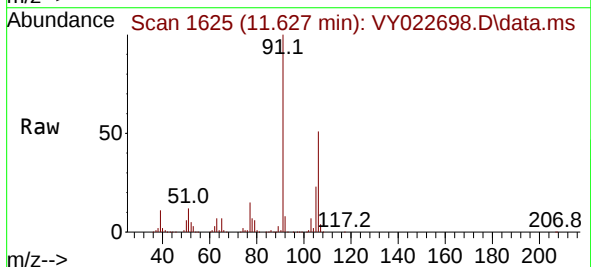
Acq: 16 Jun 2025 10:34

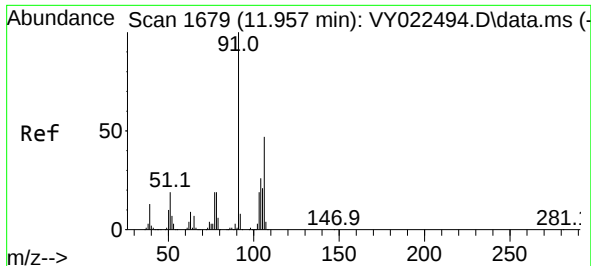
Tgt Ion:106 Resp: 149850

Ion Ratio Lower Upper

106 100

91 196.9 159.4 239.0

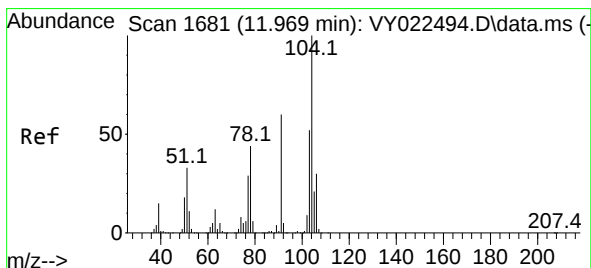
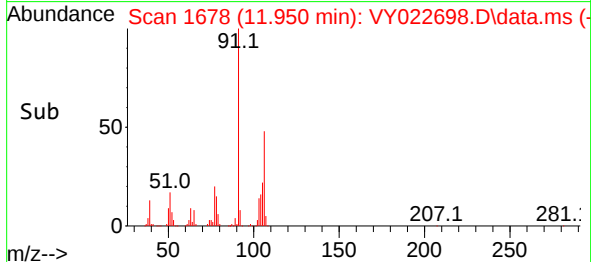
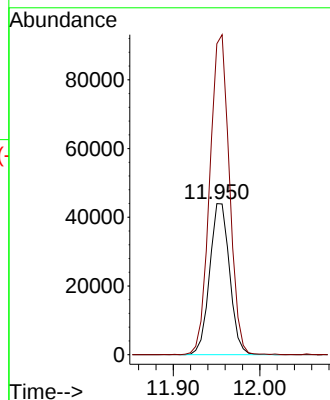
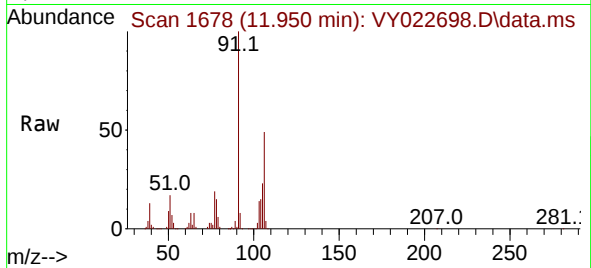




#69
o-Xylene
Concen: 21.293 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

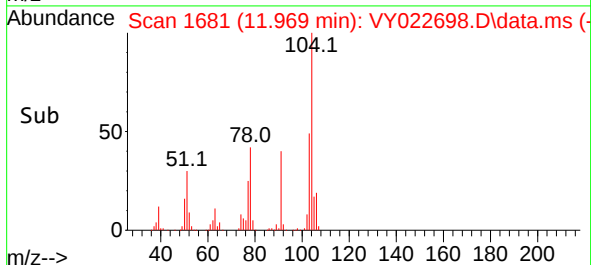
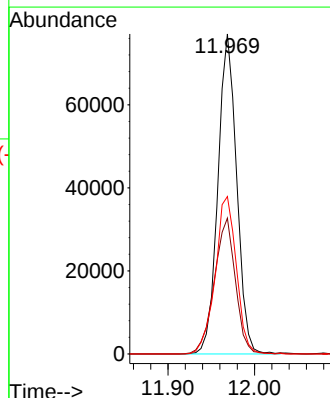
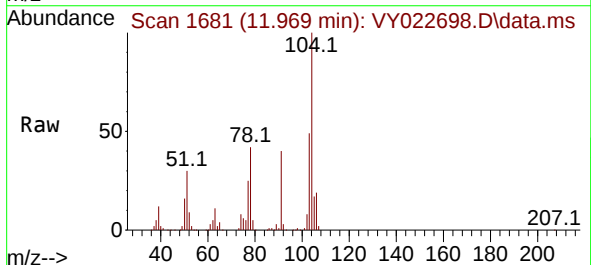
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

Tgt Ion:106 Resp: 70142
Ion Ratio Lower Upper
106 100
91 209.3 105.8 317.3



#70
Styrene
Concen: 21.301 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:104 Resp: 115987
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 55.3 44.1 66.1





#71

Bromoform

Concen: 21.390 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBS01

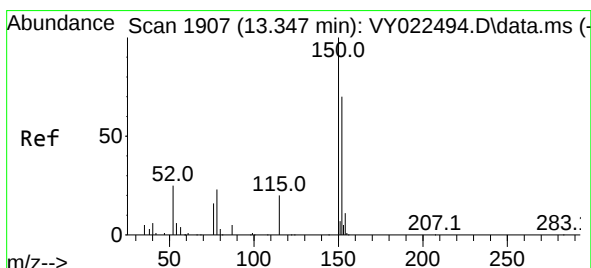
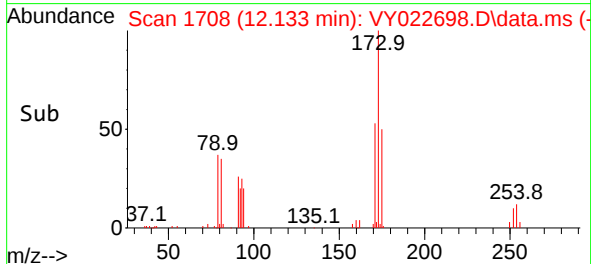
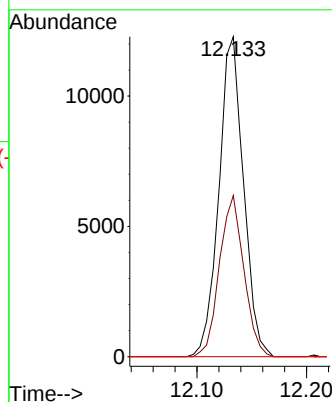
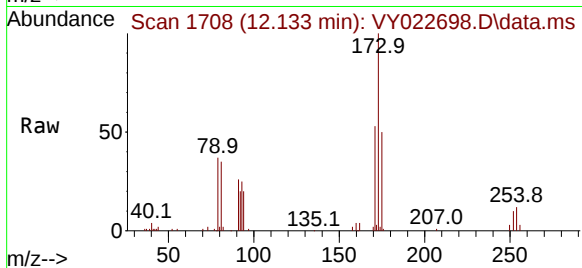
Tgt Ion:173 Resp: 19160

Ion Ratio Lower Upper

173 100

175 50.0 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: VY022698.D

Acq: 16 Jun 2025 10:34

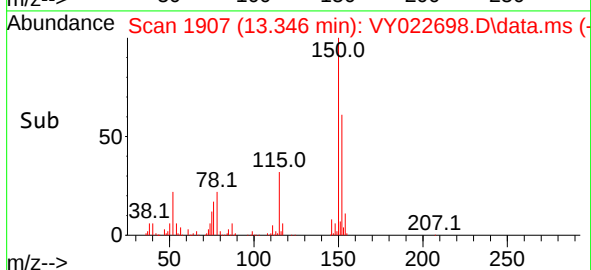
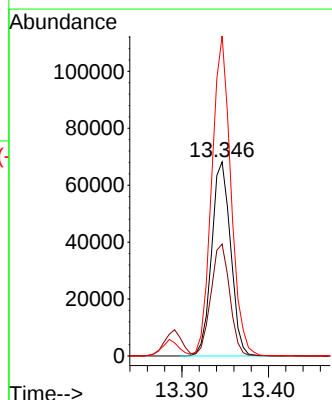
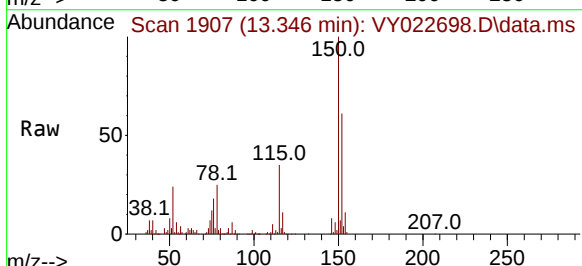
Tgt Ion:152 Resp: 103858

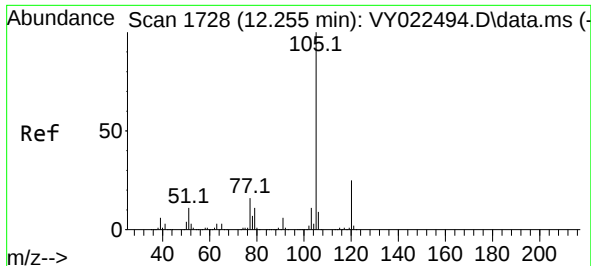
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 166.4 0.0 349.6

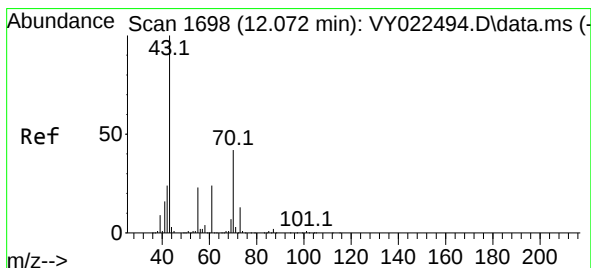
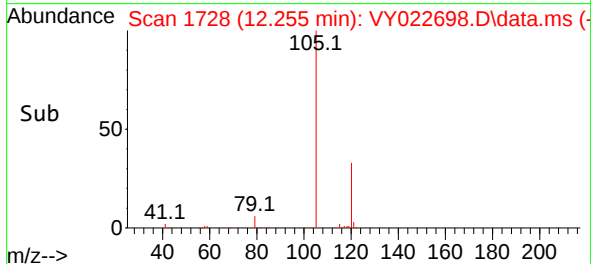
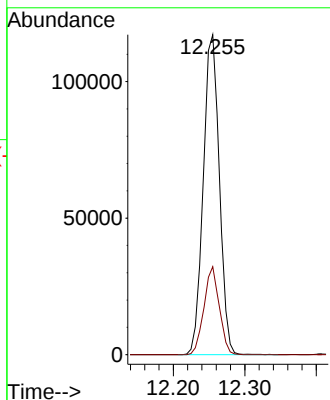
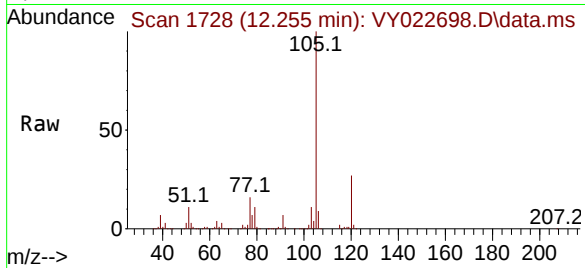




#73
Isopropylbenzene
Concen: 21.442 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

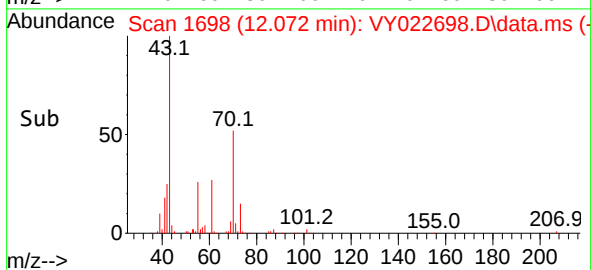
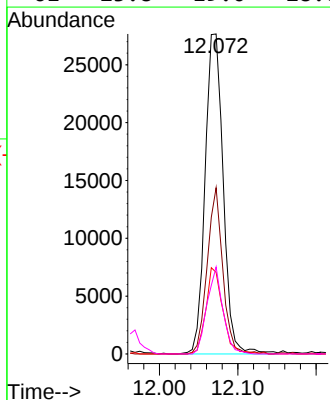
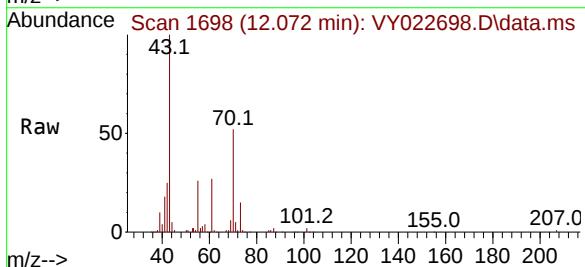
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

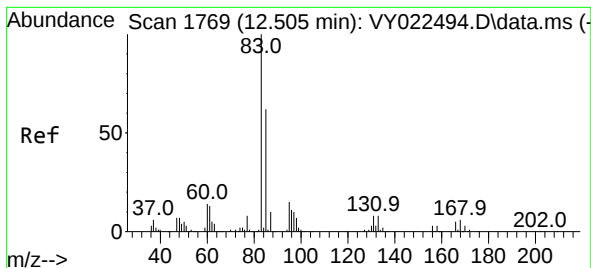
Tgt Ion:105 Resp: 182833
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 20.642 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 43 Resp: 44410
Ion Ratio Lower Upper
43 100
70 44.4 34.2 51.2
55 25.3 18.2 27.4
61 23.8 19.0 28.6

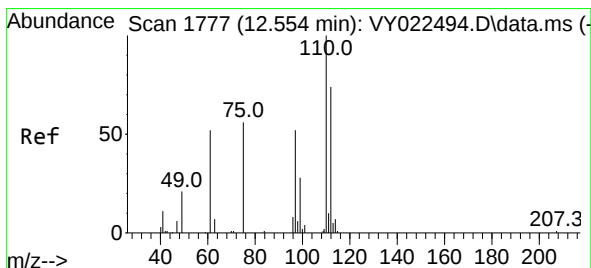
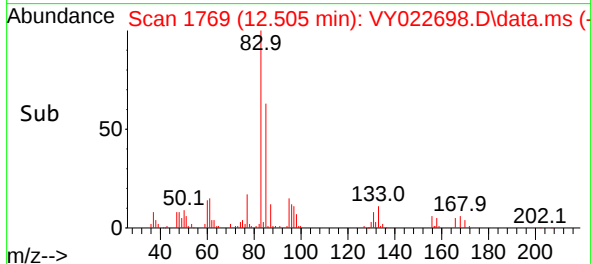
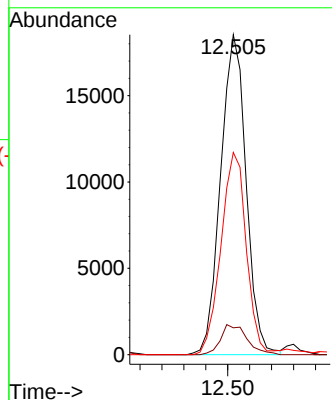
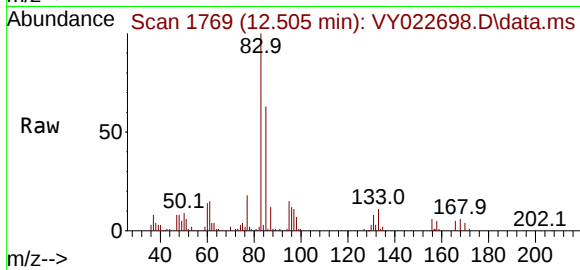




#75
 1,1,2-Tetrachloroethane
 Concen: 21.374 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022698.D
 Acq: 16 Jun 2025 10:34

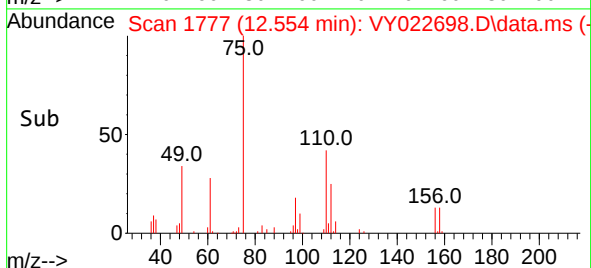
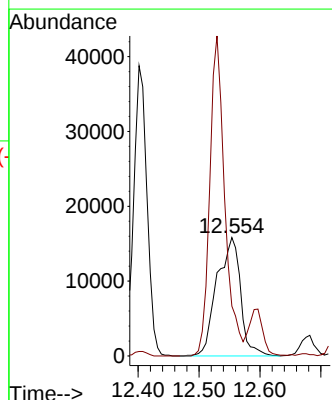
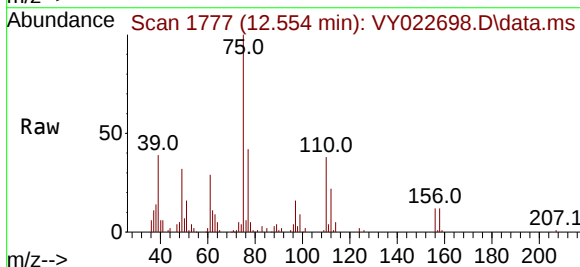
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBSD01

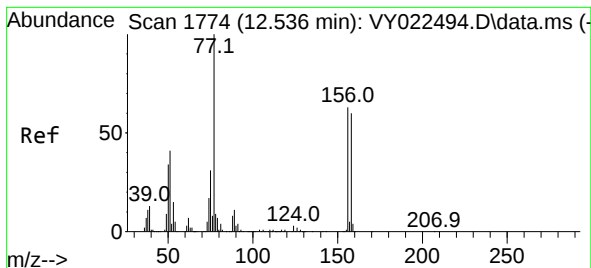
Tgt Ion: 83 Resp: 29912
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 62.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 35.886 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022698.D
 Acq: 16 Jun 2025 10:34

Tgt Ion: 75 Resp: 42639
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.523 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

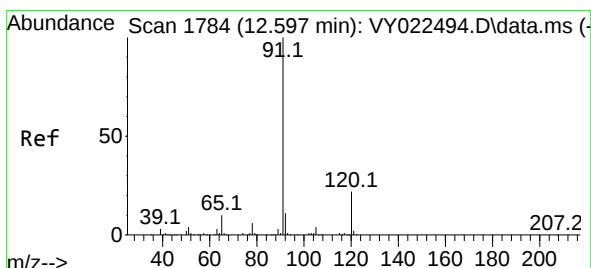
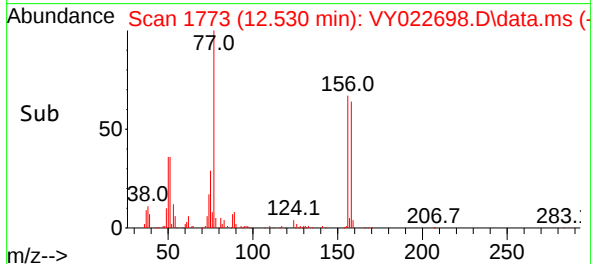
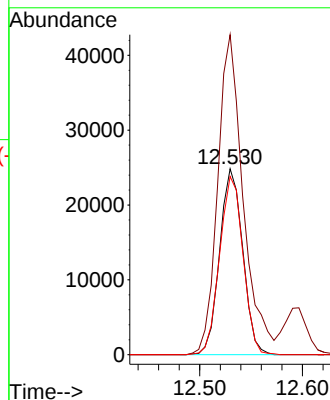
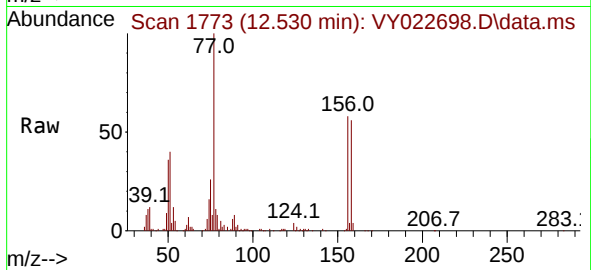
Tgt Ion:156 Resp: 38728

Ion Ratio Lower Upper

156 100

77 189.4 94.0 282.1

158 97.3 48.2 144.6



#78

n-propylbenzene

Concen: 21.829 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022698.D

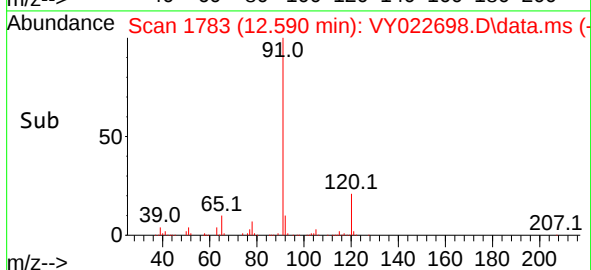
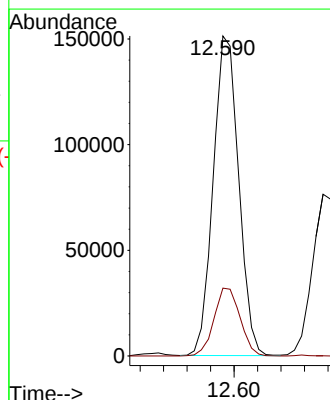
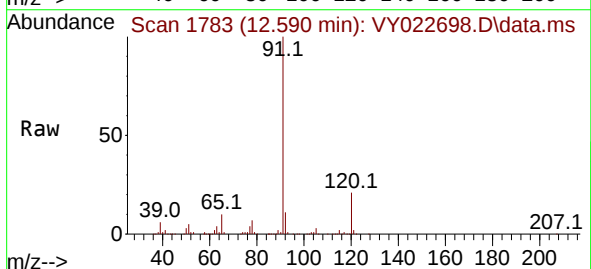
Acq: 16 Jun 2025 10:34

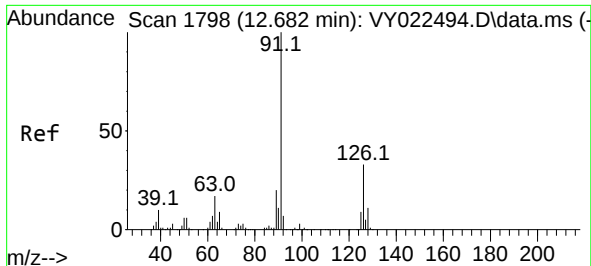
Tgt Ion: 91 Resp: 227339

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.925 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

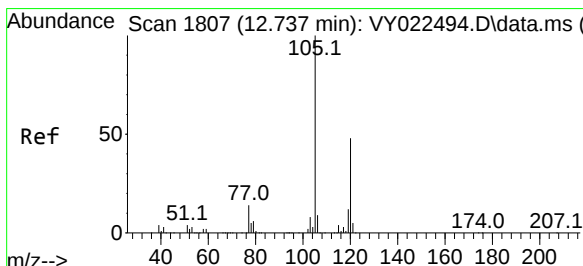
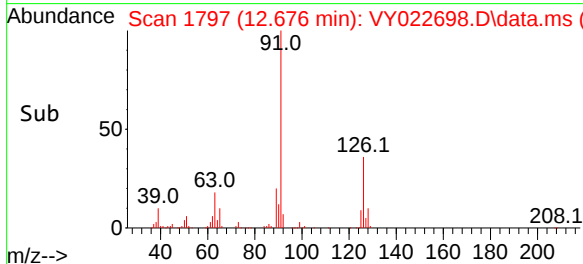
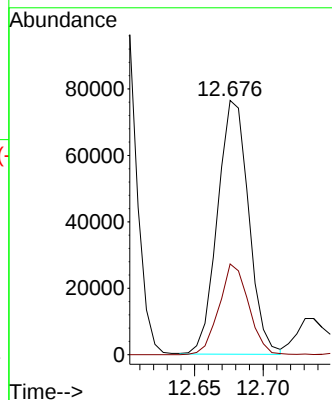
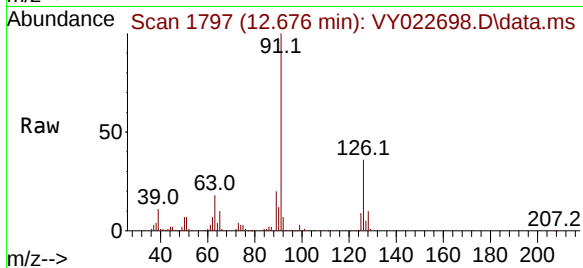
VY0616SBS01

Tgt Ion: 91 Resp: 121022

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.460 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022698.D

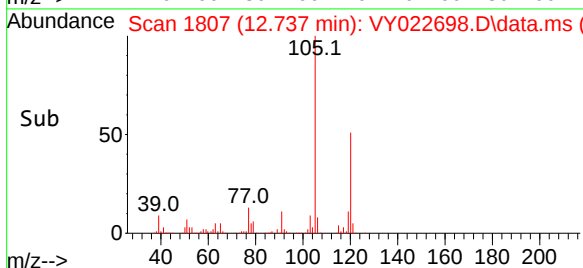
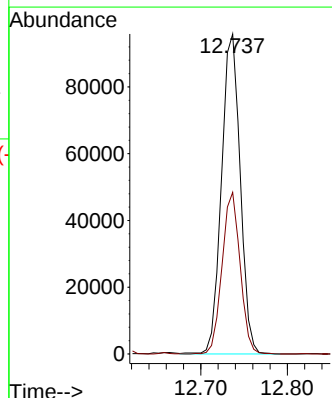
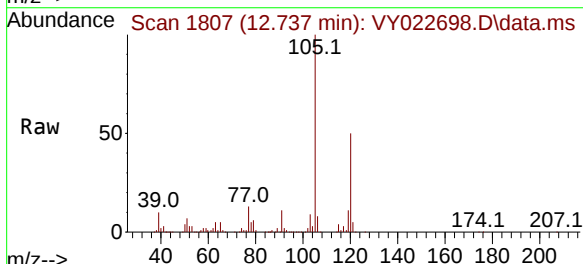
Acq: 16 Jun 2025 10:34

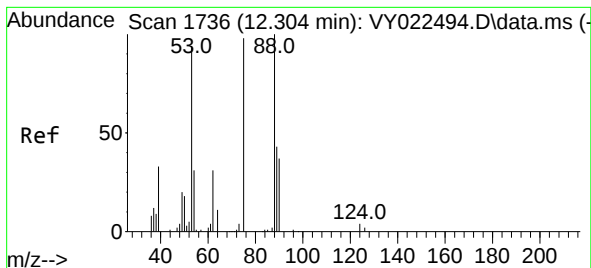
Tgt Ion:105 Resp: 143657

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

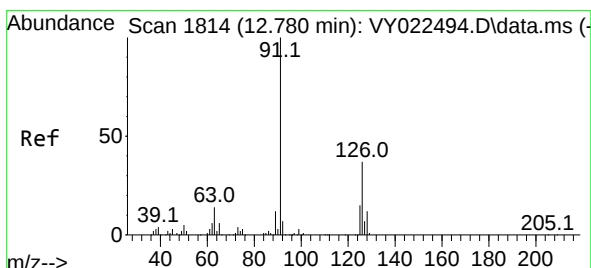
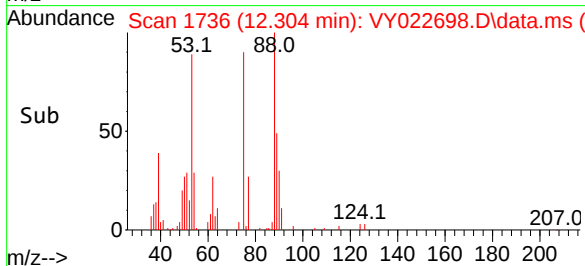
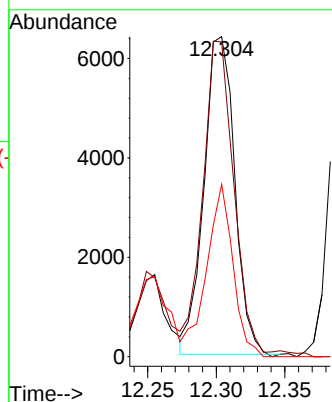
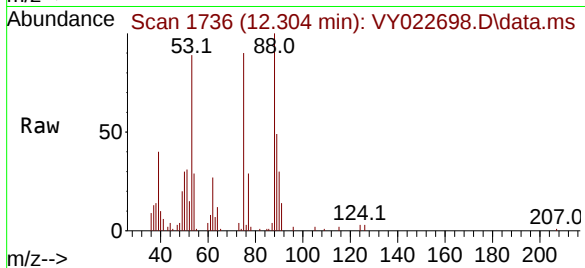




#81
trans-1,4-Dichloro-2-butene
Concen: 20.154 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

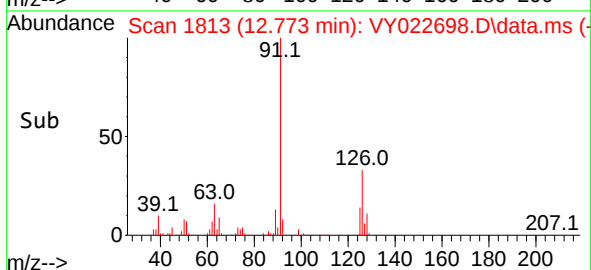
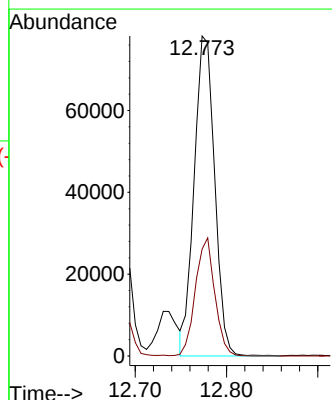
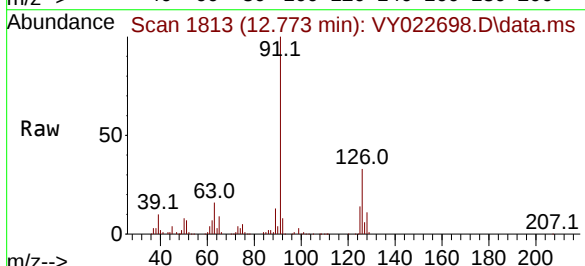
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBSD01

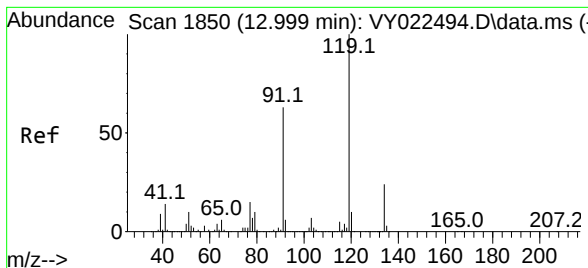
Tgt Ion: 75 Resp: 9916
Ion Ratio Lower Upper
75 100
53 98.3 78.5 117.7
89 47.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 21.433 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 91 Resp: 122042
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.693 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

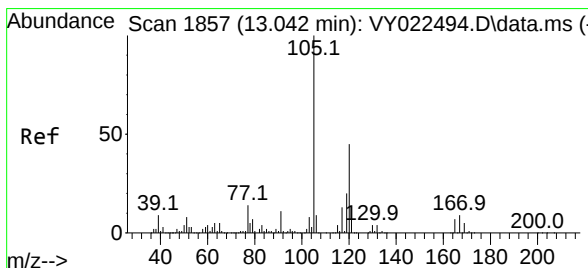
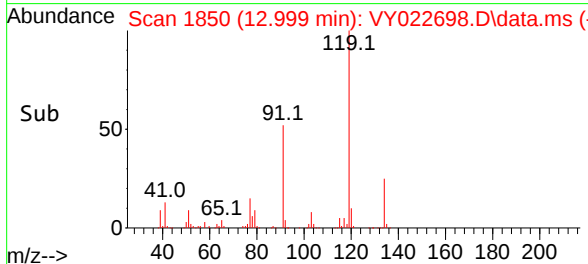
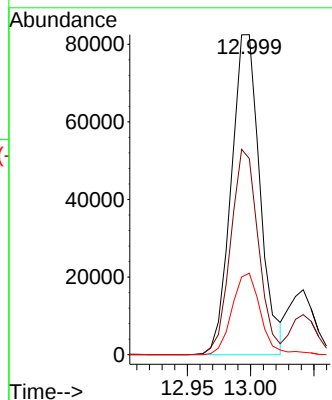
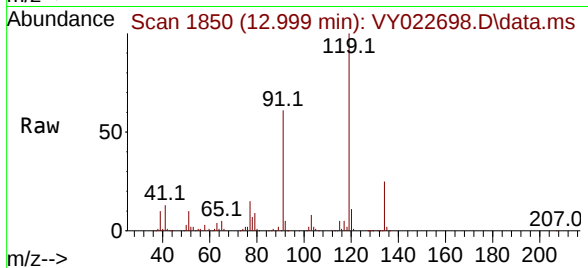
Tgt Ion:119 Resp: 130334

Ion Ratio Lower Upper

119 100

91 62.2 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.517 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022698.D

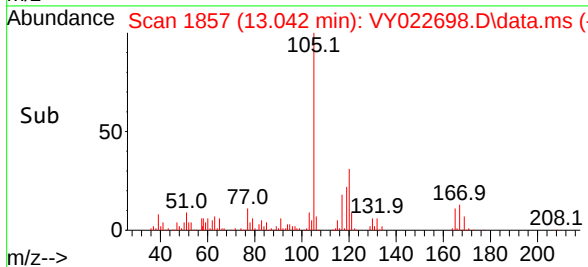
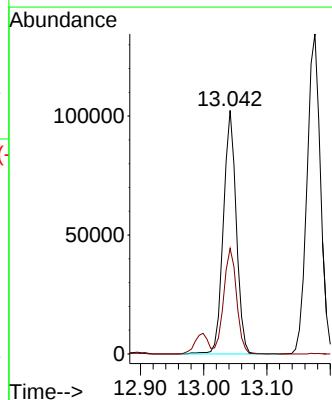
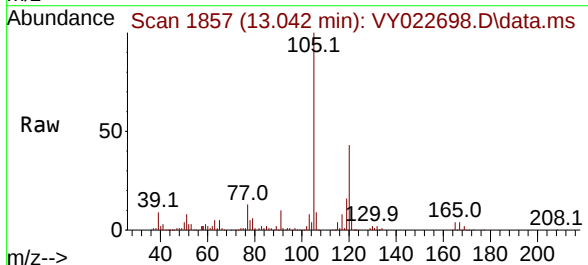
Acq: 16 Jun 2025 10:34

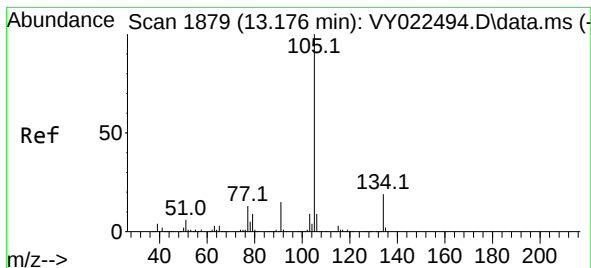
Tgt Ion:105 Resp: 144066

Ion Ratio Lower Upper

105 100

120 43.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.517 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

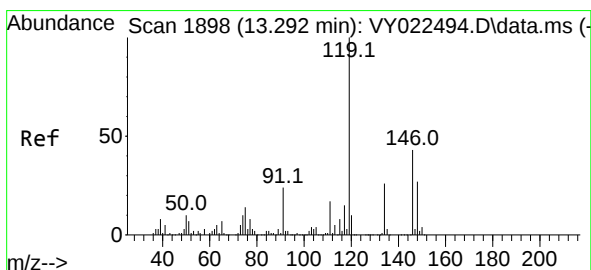
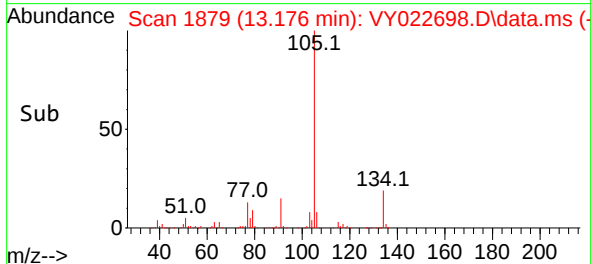
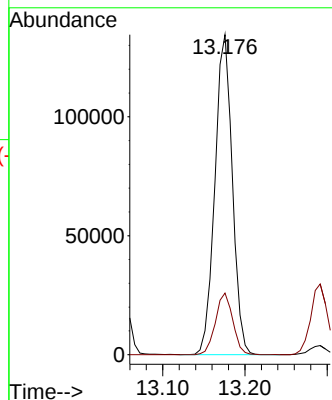
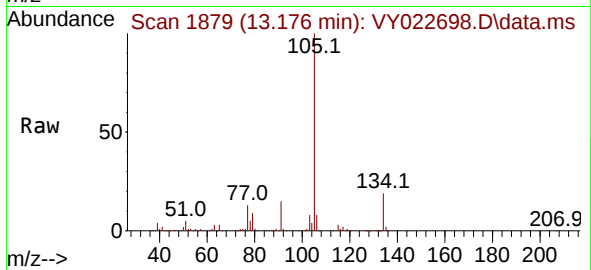
VY0616SBSD01

Tgt Ion:105 Resp: 197997

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.033 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

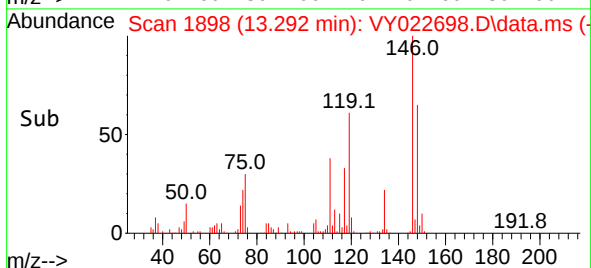
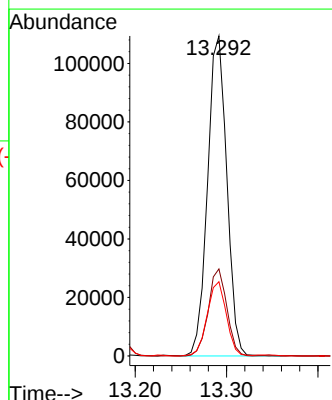
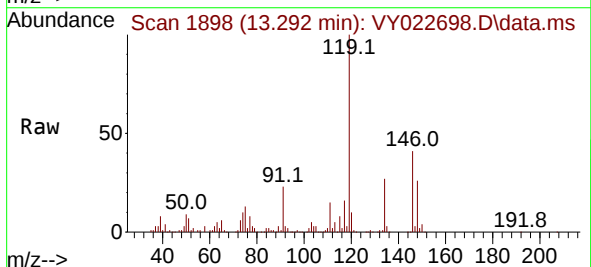
Tgt Ion:119 Resp: 159529

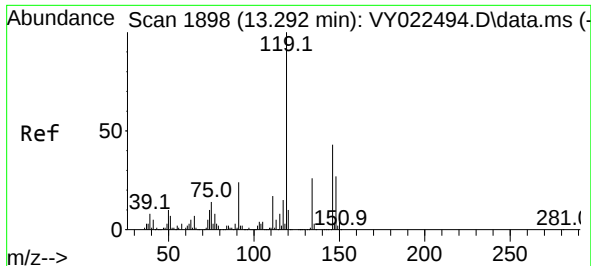
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.1 11.6 34.8

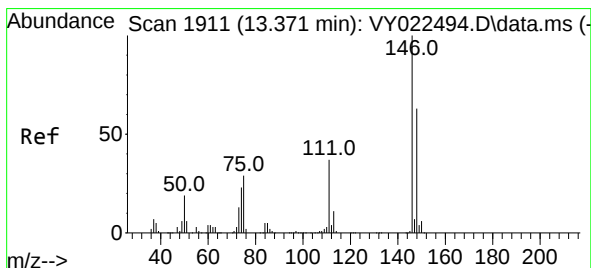
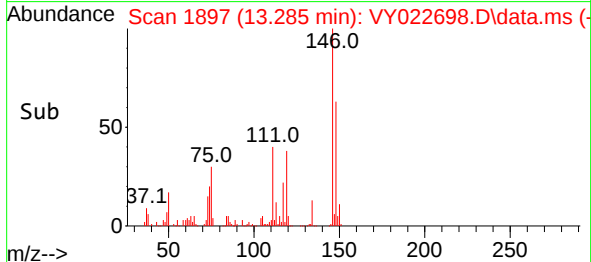
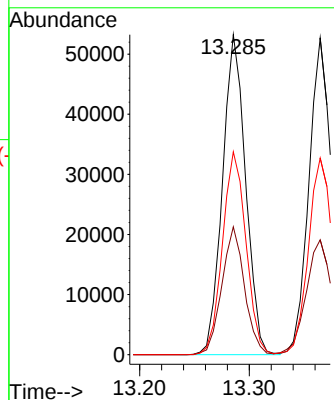
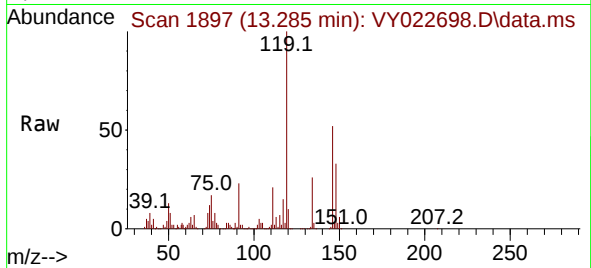




#87
1,3-Dichlorobenzene
Concen: 21.411 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

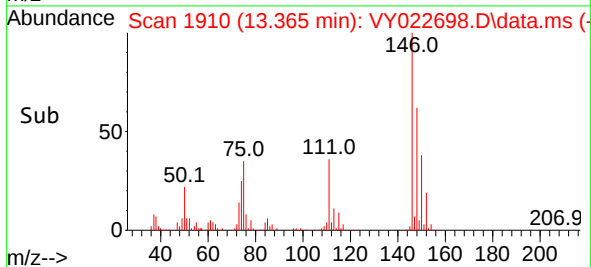
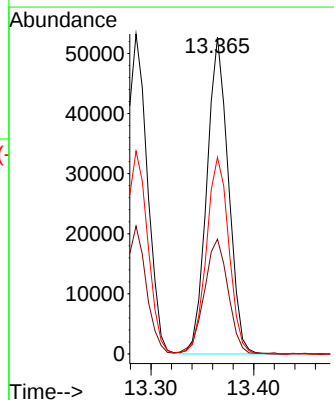
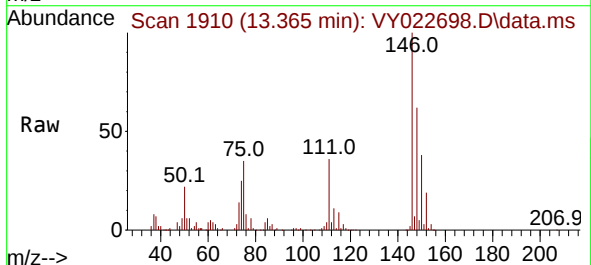
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

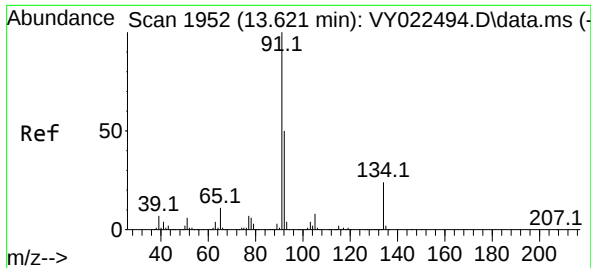
Tgt Ion:146 Resp: 78055
Ion Ratio Lower Upper
146 100
111 39.2 20.1 60.2
148 64.4 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 21.754 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion:146 Resp: 76921
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.2
148 64.9 31.6 94.8

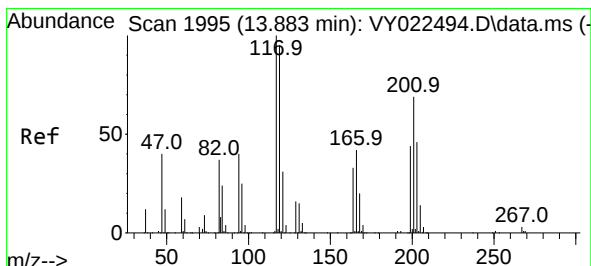
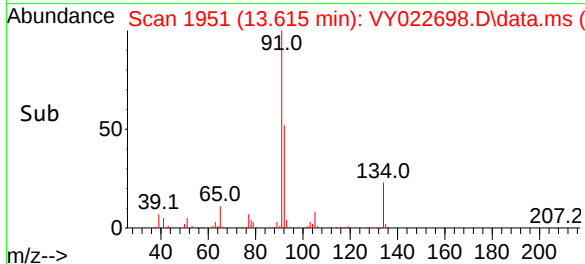
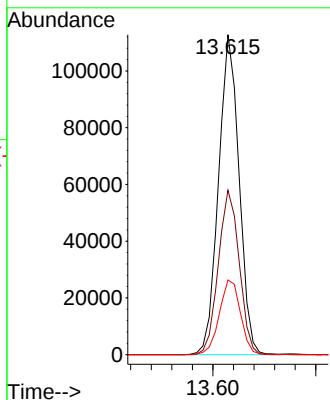
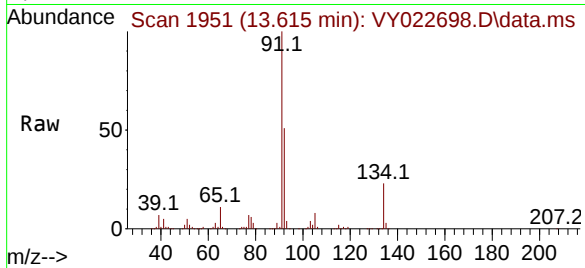




#89
n-Butylbenzene
Concen: 21.719 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

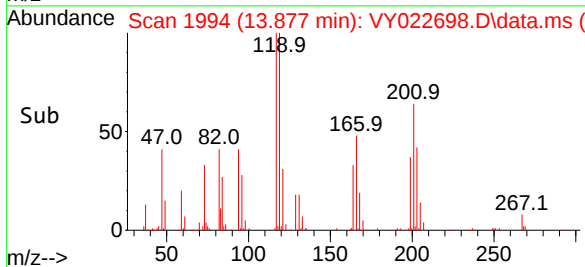
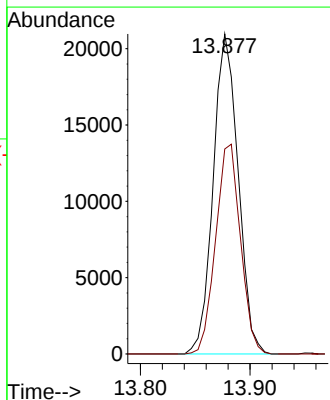
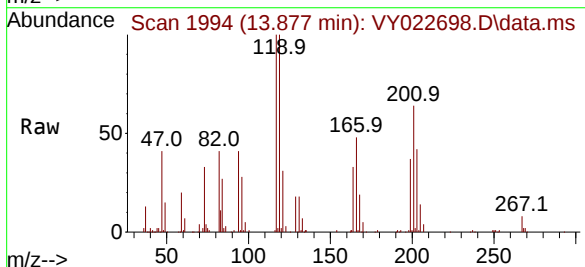
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

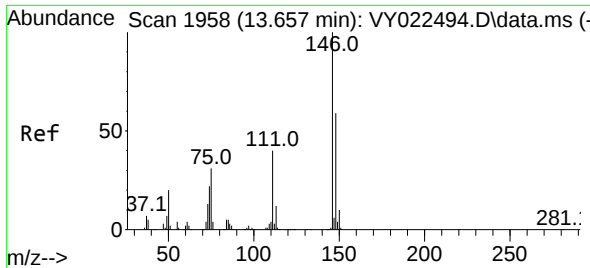
Tgt Ion: 91 Resp: 156296
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 24.0 12.0 36.1



#90
Hexachloroethane
Concen: 22.476 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 117 Resp: 33188
Ion Ratio Lower Upper
117 100
201 65.2 34.0 102.0

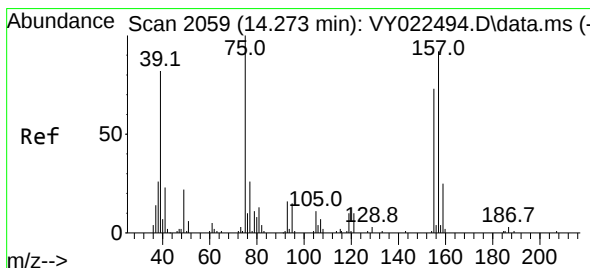
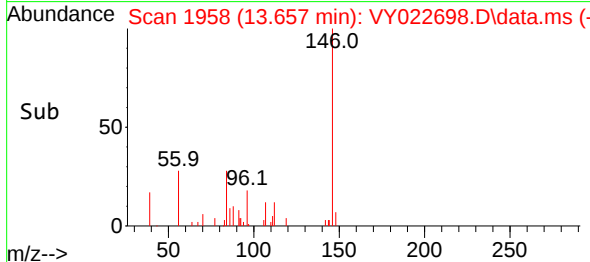
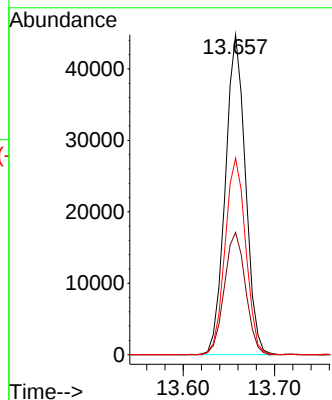
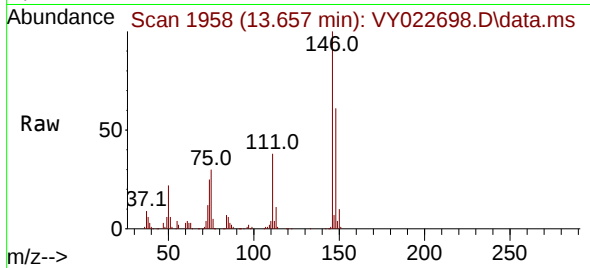




#91
1,2-Dichlorobenzene
Concen: 22.152 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

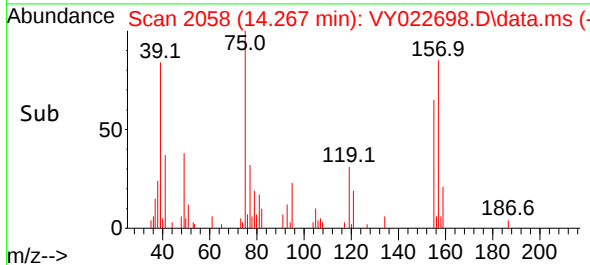
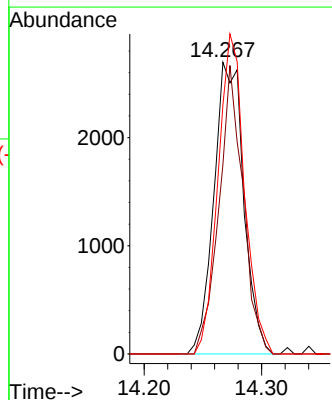
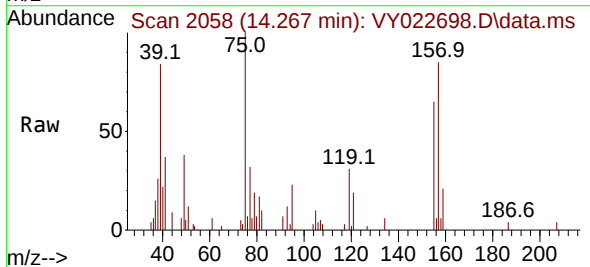
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBS01

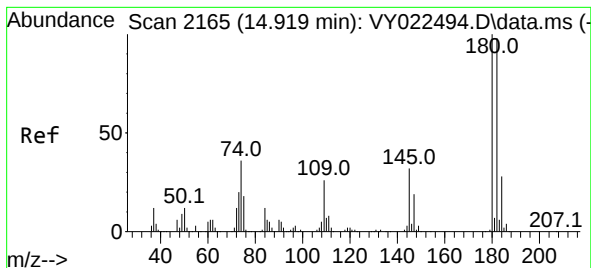
Tgt Ion:146 Resp: 68566
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.6
148 63.0 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.322 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022698.D
Acq: 16 Jun 2025 10:34

Tgt Ion: 75 Resp: 4752
Ion Ratio Lower Upper
75 100
155 80.3 39.9 119.6
157 97.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 22.226 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

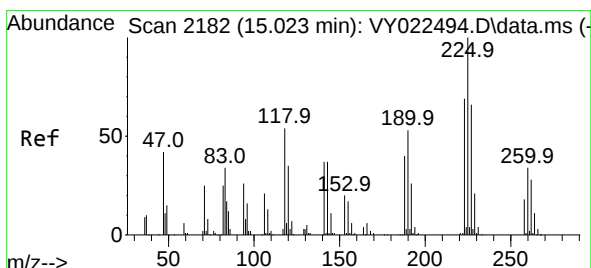
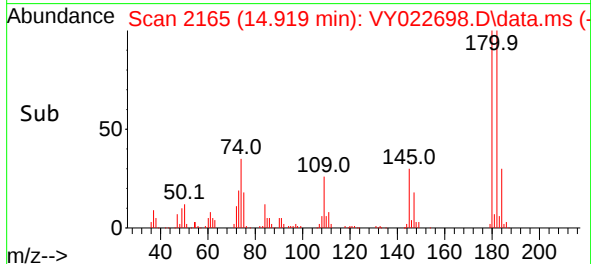
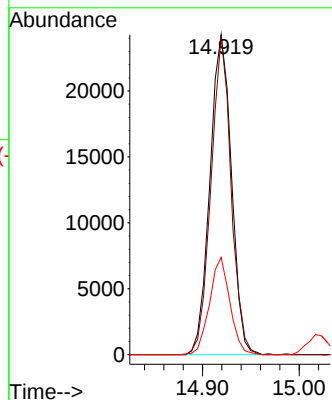
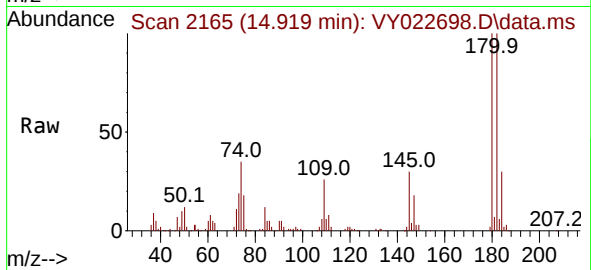
Tgt Ion:180 Resp: 37520

Ion Ratio Lower Upper

180 100

182 92.8 48.4 145.3

145 28.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.206 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

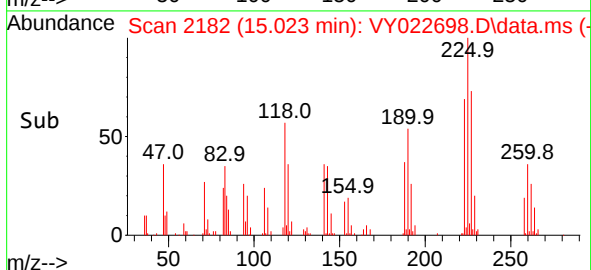
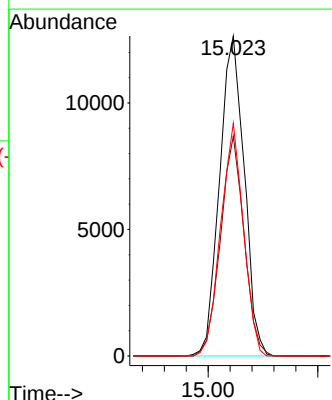
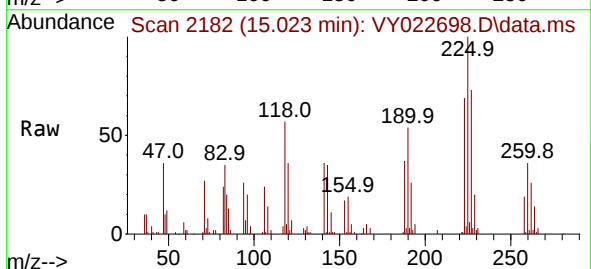
Tgt Ion:225 Resp: 19759

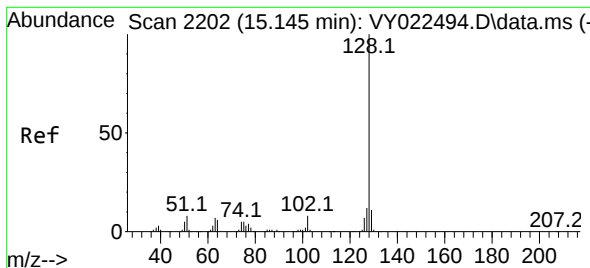
Ion Ratio Lower Upper

225 100

223 65.6 32.5 97.4

227 67.1 32.3 96.9





#95

Naphthalene

Concen: 21.469 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBSD01

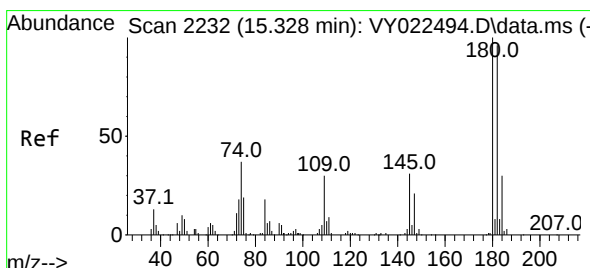
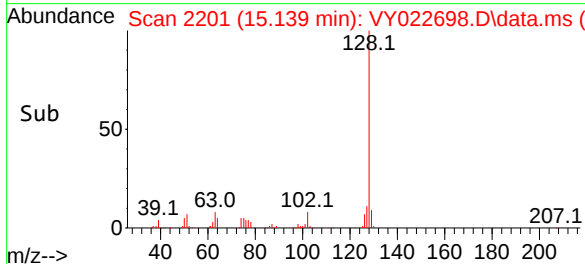
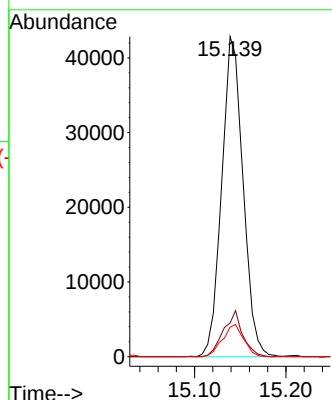
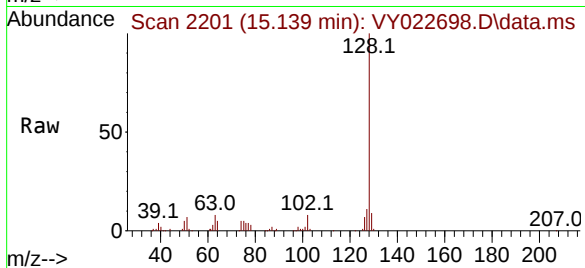
Tgt Ion:128 Resp: 69549

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.486 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022698.D

Acq: 16 Jun 2025 10:34

Tgt Ion:180 Resp: 31085

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.3

145 31.1 15.2 45.6

