

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022498.D
 Acq On : 02 Jun 2025 14:59
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

Quant Time: Jun 03 03:24:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	219240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	365013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	106759	43.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.080%
35) Dibromofluoromethane	7.634	113	101692	46.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.360%
50) Toluene-d8	10.109	98	411640	46.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.408	95	120253	45.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	84059	42.825	ug/l	99
3) Chloromethane	2.068	50	276116	47.616	ug/l	100
4) Vinyl Chloride	2.202	62	323338	48.066	ug/l	97
5) Bromomethane	2.599	94	274123	42.515	ug/l	99
6) Chloroethane	2.733	64	205816	44.575	ug/l	96
7) Trichlorofluoromethane	3.050	101	271122	47.475	ug/l	96
8) Diethyl Ether	3.458	74	56906	44.247	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	108788	45.230	ug/l	99
10) Methyl Iodide	4.007	142	116830	44.885	ug/l	100
11) Tert butyl alcohol	4.879	59	36036	205.761	ug/l	97
12) 1,1-Dichloroethene	3.787	96	106297	46.234	ug/l	98
13) Acrolein	3.653	56	48776	223.473	ug/l	98
14) Allyl chloride	4.385	41	165428	45.834	ug/l	99
15) Acrylonitrile	5.061	53	118175	216.963	ug/l	100
16) Acetone	3.873	43	110479	221.854	ug/l	99
17) Carbon Disulfide	4.104	76	341772	46.432	ug/l	100
18) Methyl Acetate	4.391	43	57416	38.935	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	284761	43.974	ug/l	99
20) Methylene Chloride	4.616	84	115624	40.875	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	118427	46.024	ug/l	95
22) Diisopropyl ether	6.019	45	354328	44.104	ug/l	96
23) Vinyl Acetate	5.964	43	1064896	223.951	ug/l	100
24) 1,1-Dichloroethane	5.915	63	217965	46.053	ug/l	98
25) 2-Butanone	6.897	43	158557	220.736	ug/l	98
26) 2,2-Dichloropropane	6.890	77	195035	46.639	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	136882	46.024	ug/l	99
28) Bromochloromethane	7.244	49	96031	46.547	ug/l	100
29) Tetrahydrofuran	7.262	42	98109	211.767	ug/l	100
30) Chloroform	7.427	83	215264	45.919	ug/l	94
31) Cyclohexane	7.701	56	206176	43.757	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	194039	46.627	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166116	46.978	ug/l	99
37) Ethyl Acetate	6.988	43	68761	43.605	ug/l	98
38) Carbon Tetrachloride	7.823	117	173199	47.747	ug/l	97
39) Methylcyclohexane	9.110	83	222971	46.923	ug/l	99
40) Benzene	8.085	78	491078	47.020	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	39730	43.134	ug/l	99
42) 1,2-Dichloroethane	8.158	62	130161	45.644	ug/l	98
43) Isopropyl Acetate	8.201	43	150263	44.122	ug/l #	88
44) Trichloroethene	8.866	130	118971	46.609	ug/l	97
45) 1,2-Dichloropropane	9.140	63	114988	46.587	ug/l	96
46) Dibromomethane	9.231	93	64473	46.430	ug/l	98
47) Bromodichloromethane	9.427	83	164872	46.825	ug/l	100
48) Methyl methacrylate	9.219	41	70644	44.198	ug/l	98
49) 1,4-Dioxane	9.231	88	13433	816.553	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	372276	219.250	ug/l	98
52) Toluene	10.170	92	309375	47.137	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	152066	46.094	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	177445	46.206	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	79596	44.953	ug/l	96
56) Ethyl methacrylate	10.439	69	115237	45.029	ug/l	99
57) 1,3-Dichloropropane	10.719	76	143407	45.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	283213	243.746	ug/l	99
59) 2-Hexanone	10.762	43	249926	220.088	ug/l	99
60) Dibromochloromethane	10.914	129	101515	45.114	ug/l	100
61) 1,2-Dibromoethane	11.018	107	74173	45.960	ug/l	97
64) Tetrachloroethene	10.646	164	121944	45.398	ug/l	98
65) Chlorobenzene	11.444	112	317533	45.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	105830	45.464	ug/l	98
67) Ethyl Benzene	11.518	91	605560	47.248	ug/l	99
68) m/p-Xylenes	11.633	106	454148	93.473	ug/l	100
69) o-Xylene	11.957	106	209354	45.959	ug/l	98
70) Styrene	11.969	104	352505	46.815	ug/l	98
71) Bromoform	12.133	173	55559	44.852	ug/l #	98
73) Isopropylbenzene	12.255	105	559690	46.933	ug/l	100
74) N-amyl acetate	12.072	43	136915	45.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87402	44.656	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	122591	73.772	ug/l #	100
77) Bromobenzene	12.536	156	114771	45.607	ug/l	100
78) n-propylbenzene	12.597	91	680155	46.696	ug/l	99
79) 2-Chlorotoluene	12.682	91	358756	46.472	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	438873	46.876	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	29567	42.968	ug/l	100
82) 4-Chlorotoluene	12.780	91	368631	46.289	ug/l	100
83) tert-Butylbenzene	12.999	119	400440	47.655	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	437631	46.735	ug/l	99
85) sec-Butylbenzene	13.176	105	607968	47.241	ug/l	100
86) p-Isopropyltoluene	13.292	119	501979	47.321	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	234193	45.932	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	223096	45.113	ug/l	98
89) n-Butylbenzene	13.621	91	482774	47.968	ug/l	100
90) Hexachloroethane	13.883	117	97273	47.101	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	195728	45.213	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12728	44.665	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	109742	46.481	ug/l	97
94) Hexachlorobutadiene	15.023	225	59236	45.457	ug/l	98
95) Naphthalene	15.145	128	203925	45.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	89699	44.331	ug/l	98

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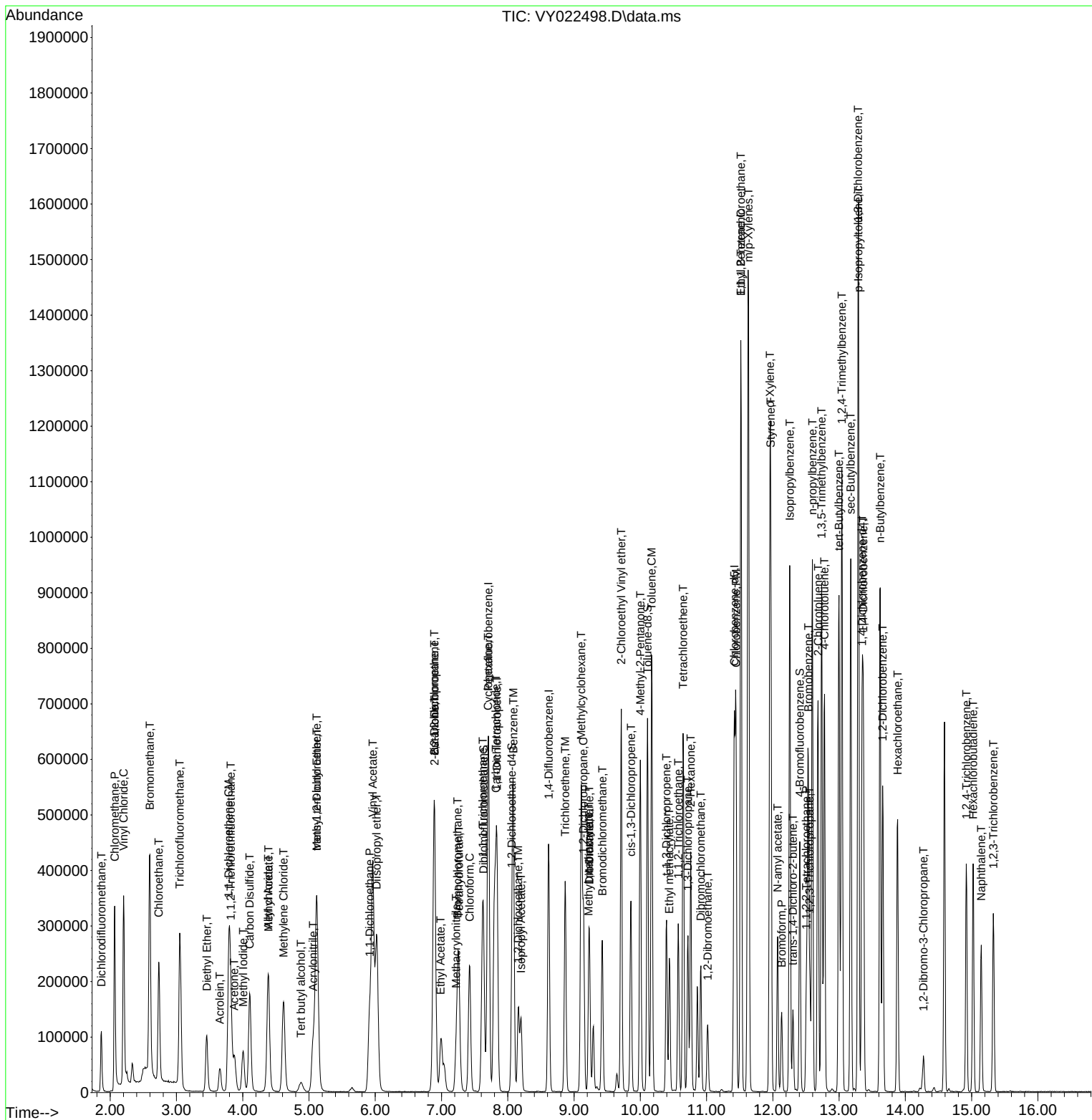
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

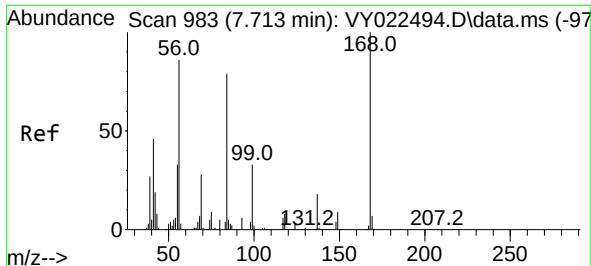
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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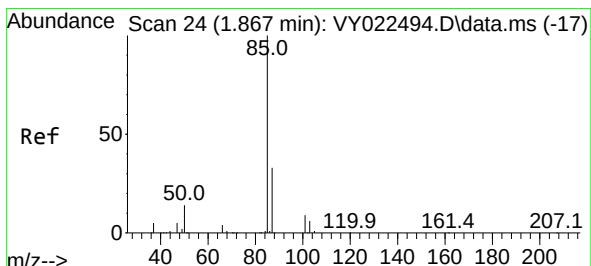
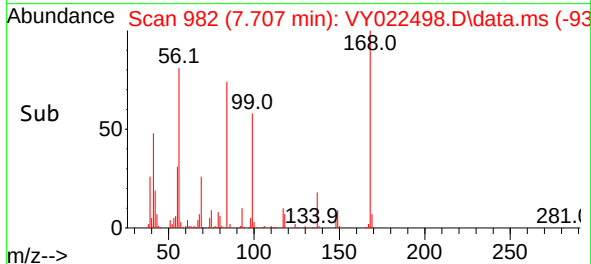
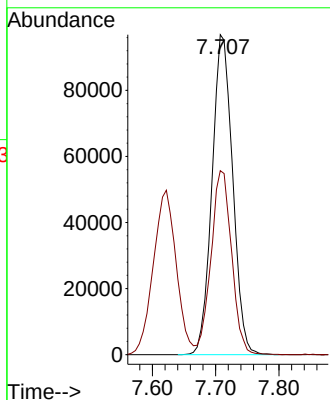
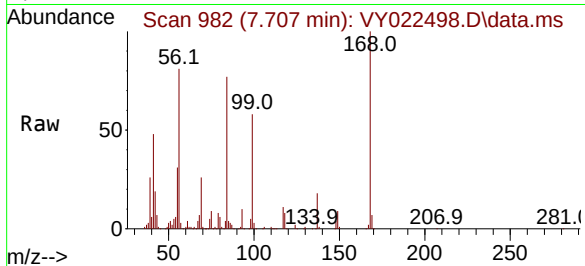




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022498.D
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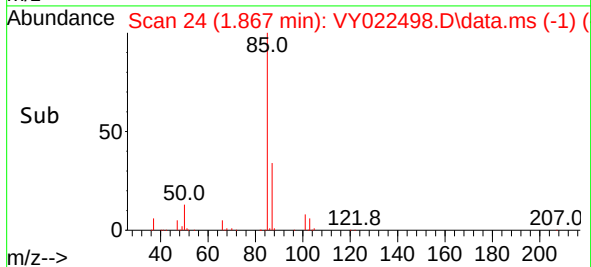
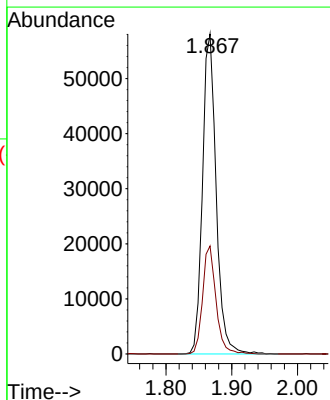
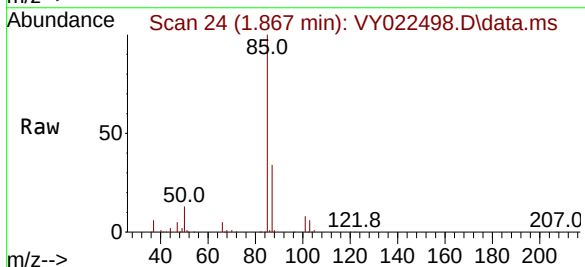
Instrument :
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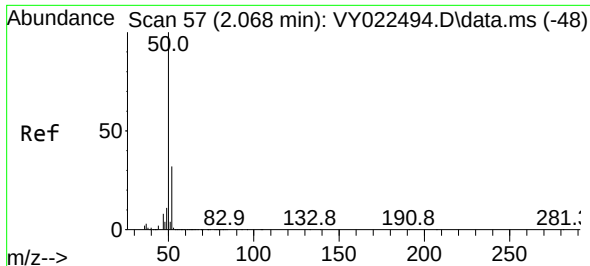
Tgt Ion:168 Resp: 219240
Ion Ratio Lower Upper
168 100
99 57.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 42.825 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 85 Resp: 84059
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0

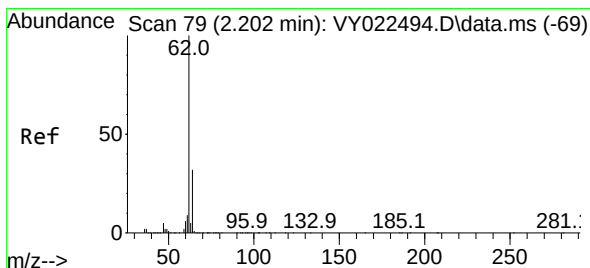
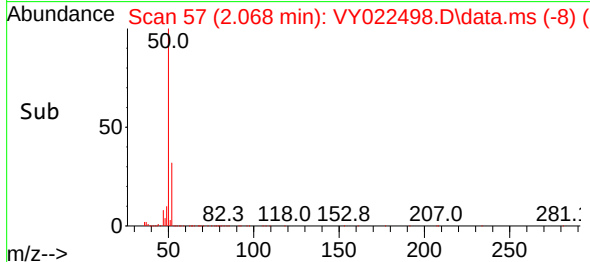
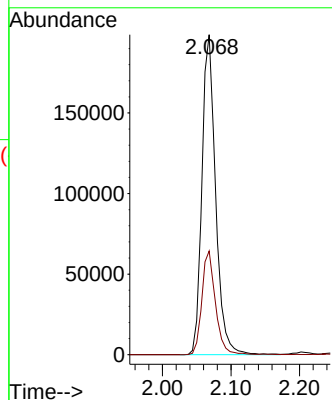
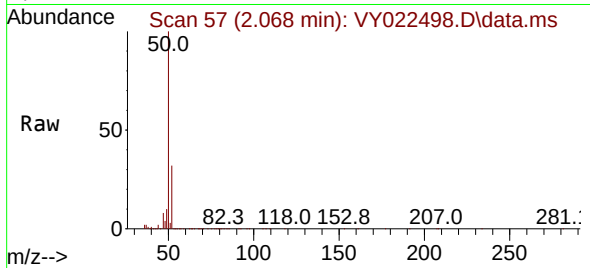




#3
Chloromethane
Concen: 47.616 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

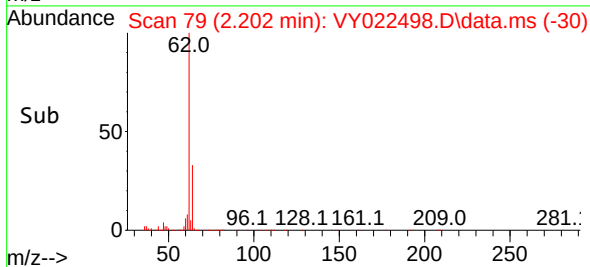
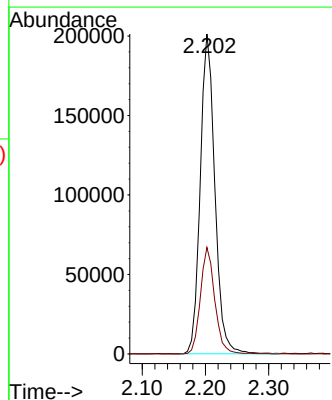
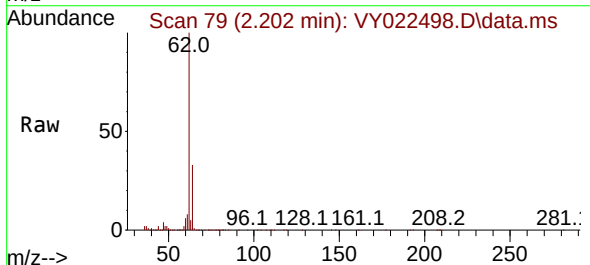
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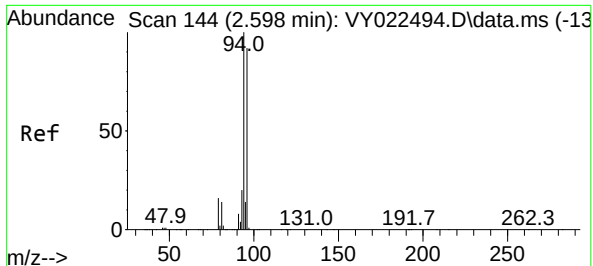
Tgt Ion: 50 Resp: 276116
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 48.066 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 62 Resp: 323338
Ion Ratio Lower Upper
62 100
64 33.3 25.3 37.9

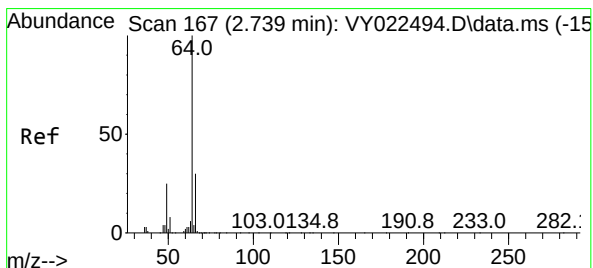
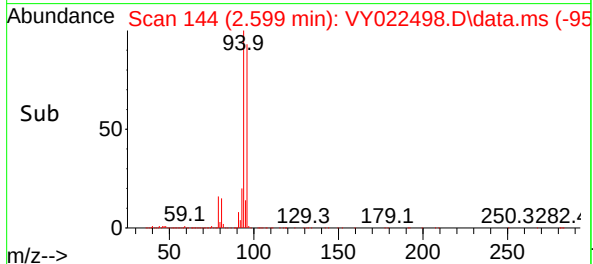
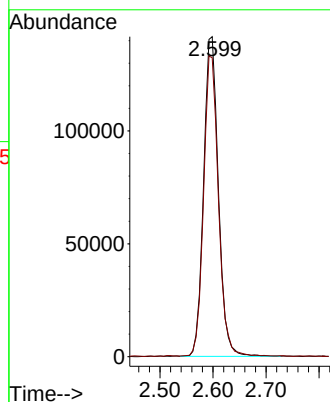
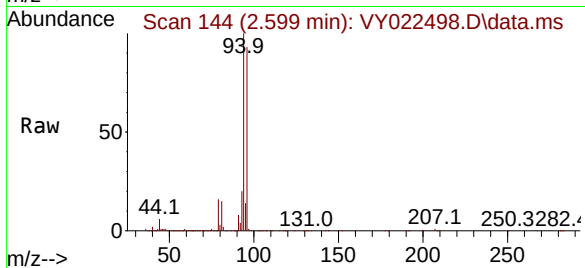




#5
Bromomethane
Concen: 42.515 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

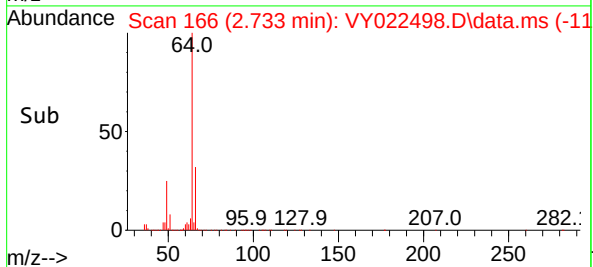
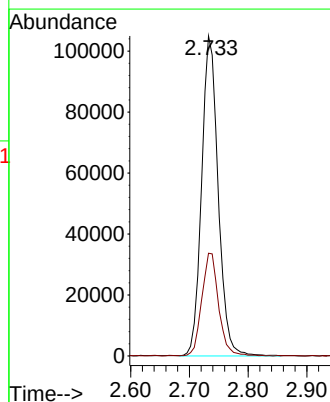
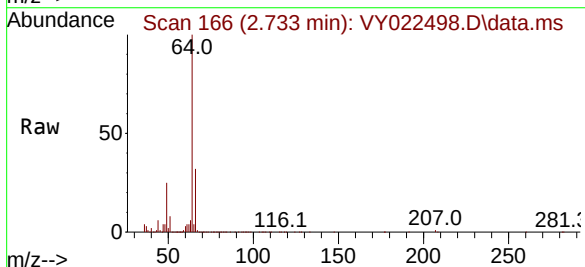
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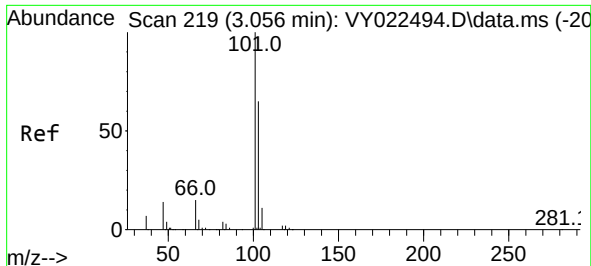
Tgt Ion: 94 Resp: 274123
Ion Ratio Lower Upper
94 100
96 93.4 74.0 111.0



#6
Chloroethane
Concen: 44.575 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022498.D
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Tgt Ion: 64 Resp: 205816
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

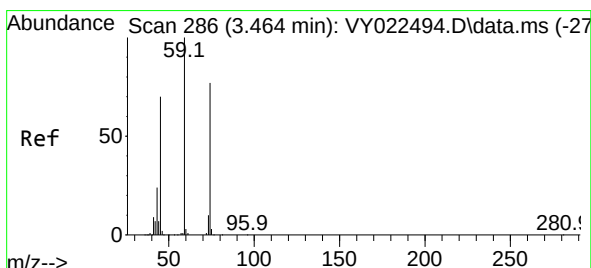
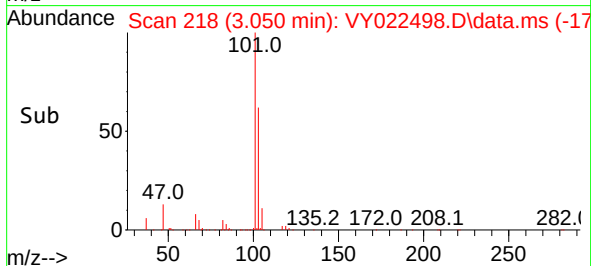
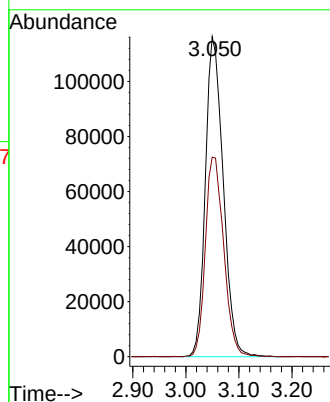
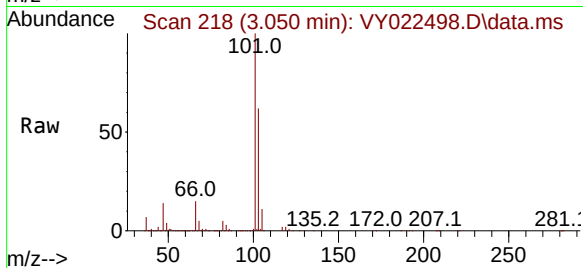




#7
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022498.D
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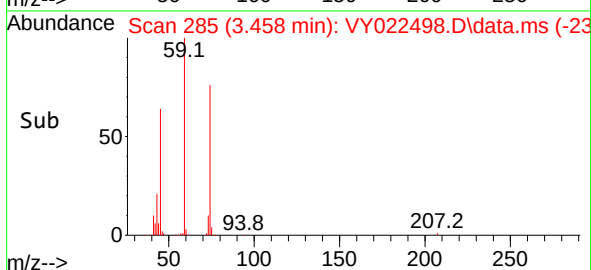
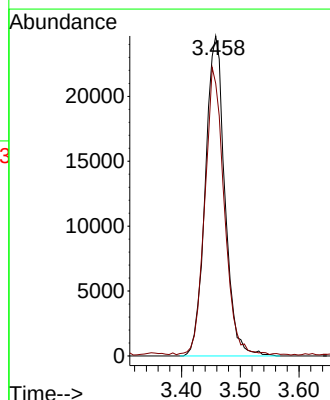
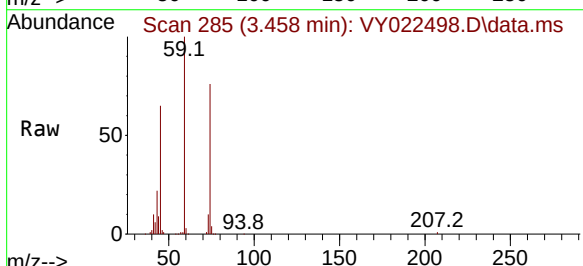
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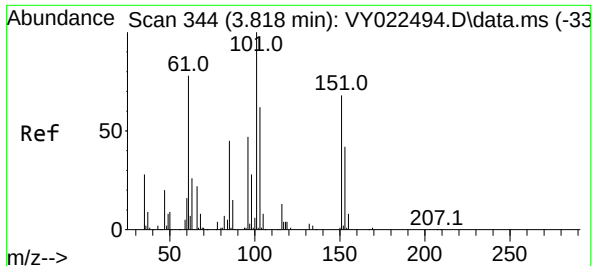
Tgt Ion:101 Resp: 271122
Ion Ratio Lower Upper
101 100
103 62.4 52.2 78.2



#8
Diethyl Ether
Concen: 44.247 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 74 Resp: 56906
Ion Ratio Lower Upper
74 100
45 89.1 45.9 137.6

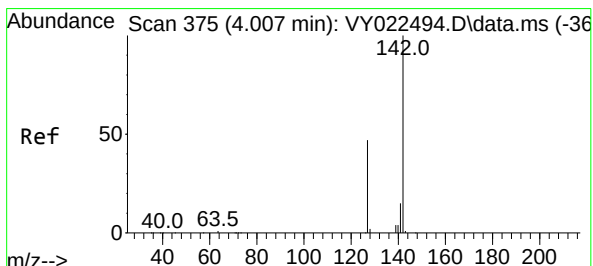
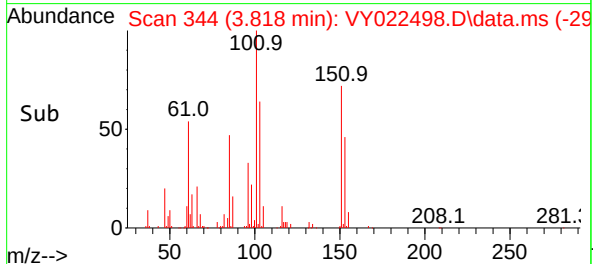
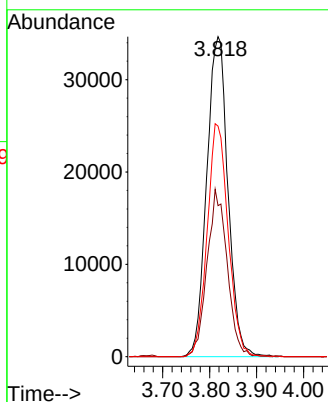
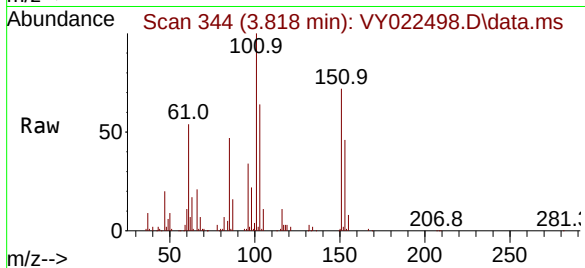




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.230 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022498.D
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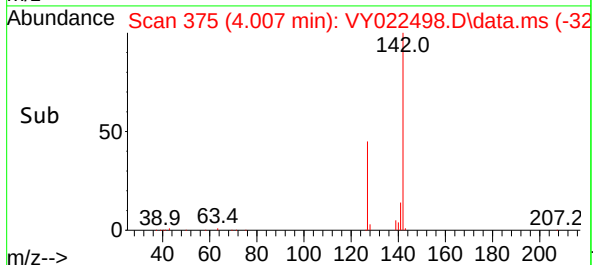
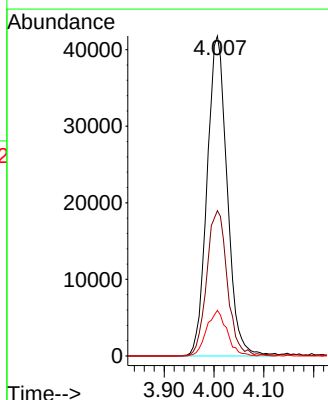
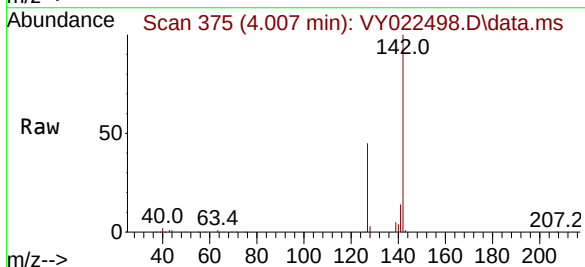
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

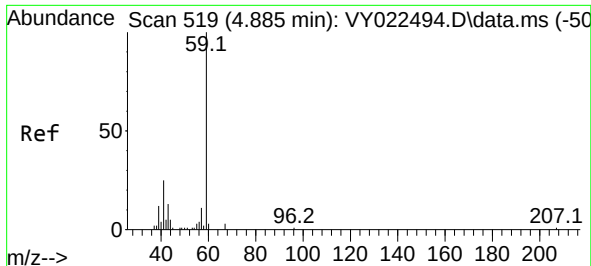
Tgt Ion:101 Resp: 108788
Ion Ratio Lower Upper
101 100
85 49.7 39.3 58.9
151 71.8 57.8 86.8



#10
Methyl Iodide
Concen: 44.885 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:142 Resp: 116830
Ion Ratio Lower Upper
142 100
127 46.7 37.1 55.7
141 14.5 11.4 17.2

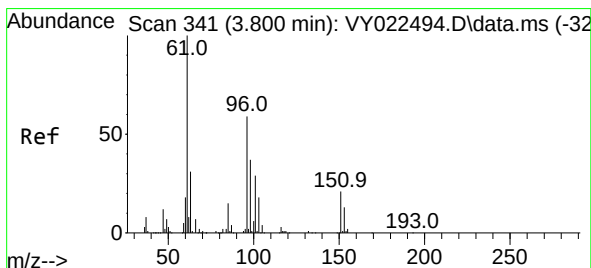
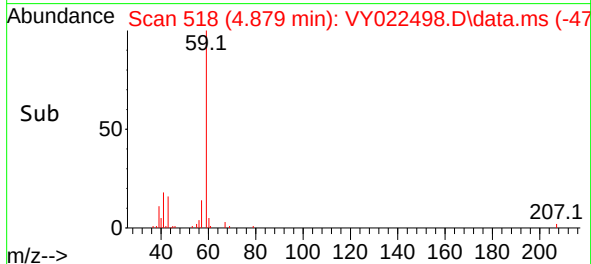
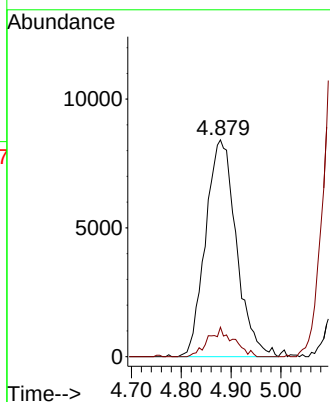
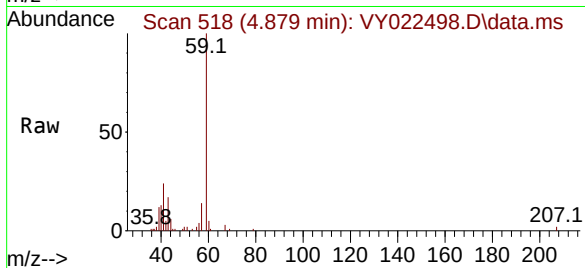




#11
Tert butyl alcohol
Concen: 205.761 ug/l
RT: 4.879 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

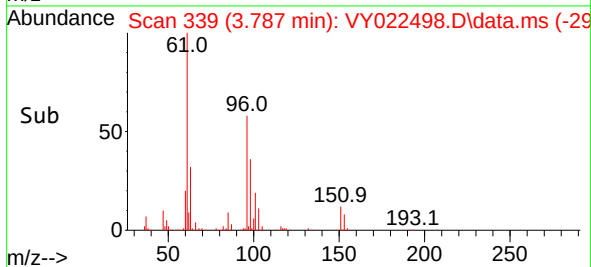
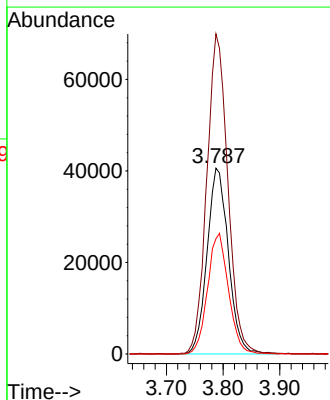
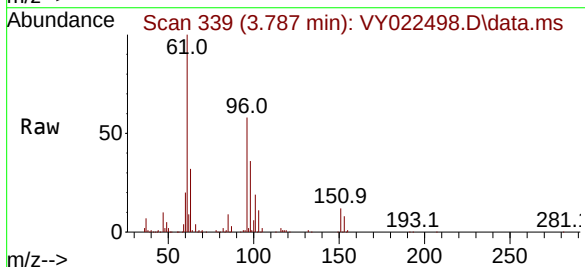
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

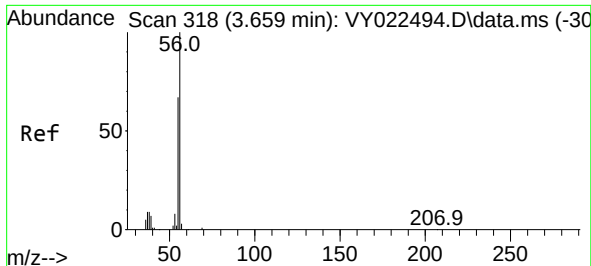
Tgt Ion: 59 Resp: 36036
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 96 Resp: 106297
Ion Ratio Lower Upper
96 100
61 172.2 134.6 201.8
98 62.0 50.2 75.4

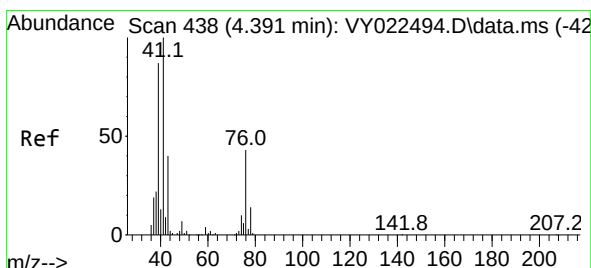
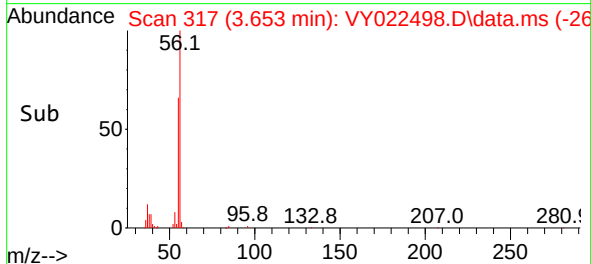
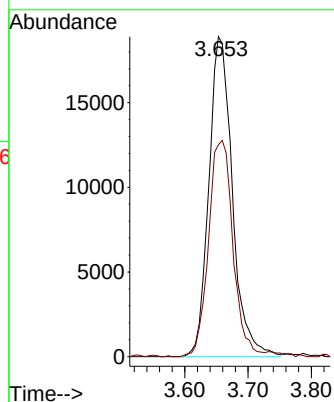
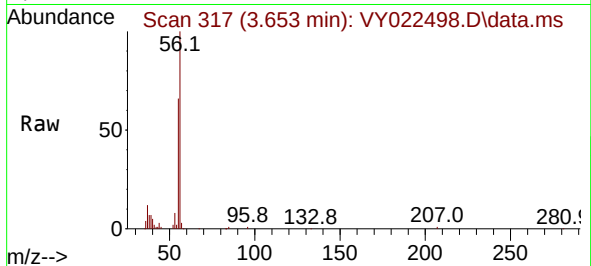




#13
Acrolein
Concen: 223.473 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

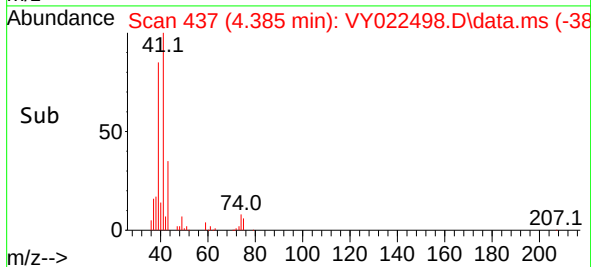
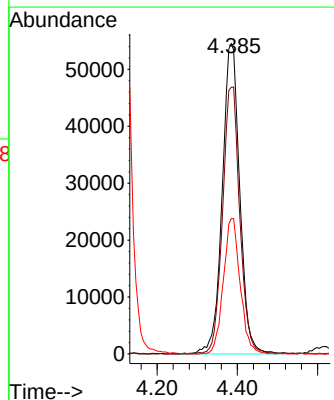
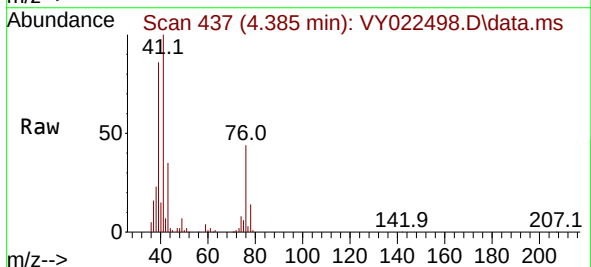
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

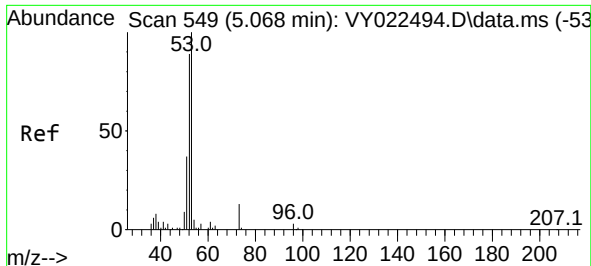
Tgt Ion: 56 Resp: 48776
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.6



#14
Allyl chloride
Concen: 45.834 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 165428
Ion Ratio Lower Upper
41 100
39 84.5 69.1 103.7
76 41.9 33.5 50.3

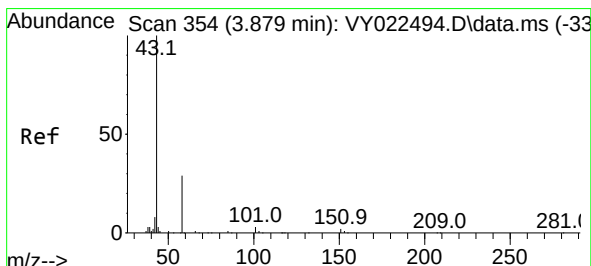
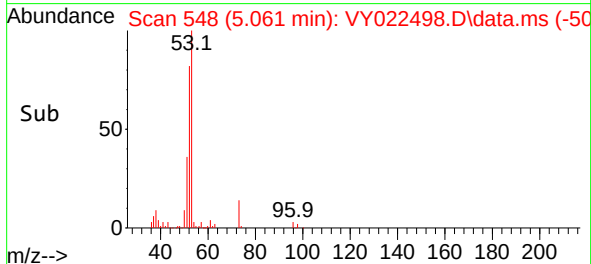
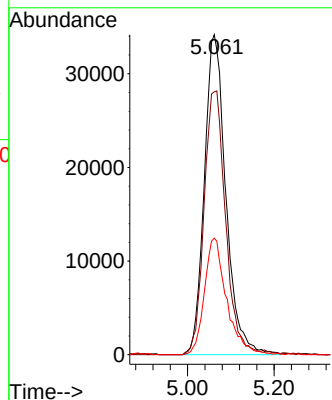
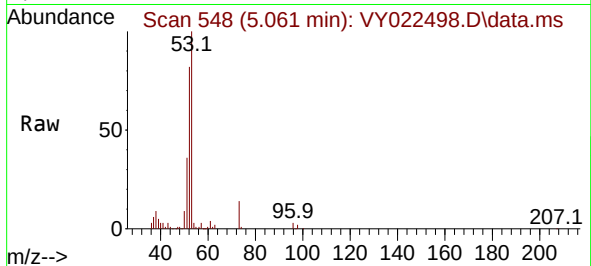




#15
Acrylonitrile
Concen: 216.963 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

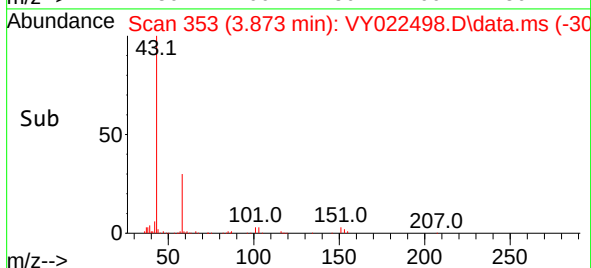
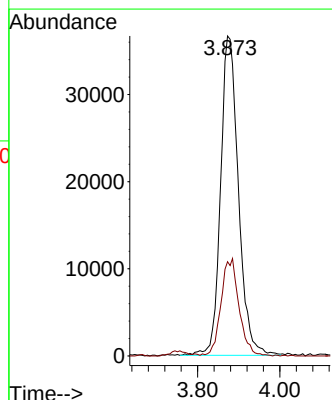
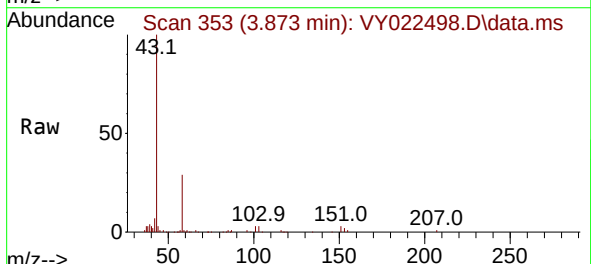
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

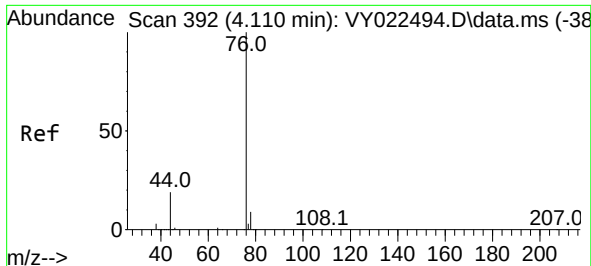
Tgt Ion: 53 Resp: 118175
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 37.5 30.1 45.1



#16
Acetone
Concen: 221.854 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 110479
Ion Ratio Lower Upper
43 100
58 29.5 24.0 36.0

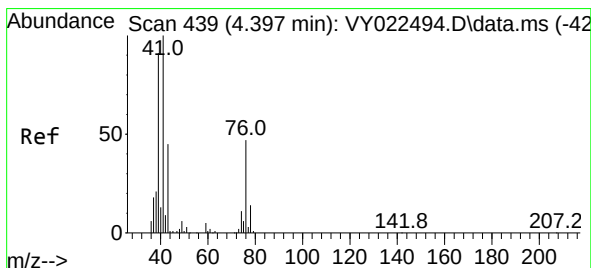
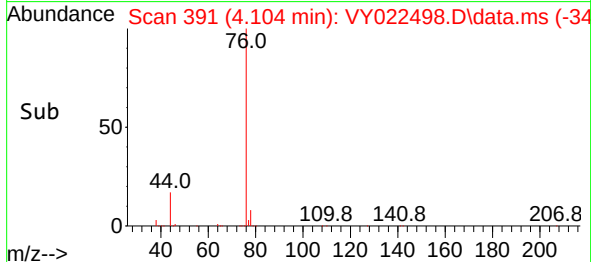
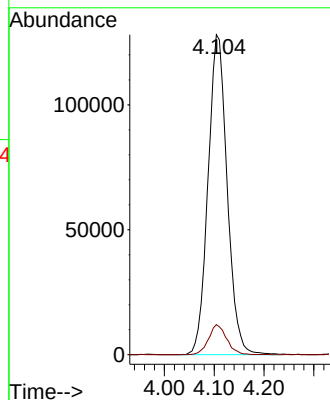
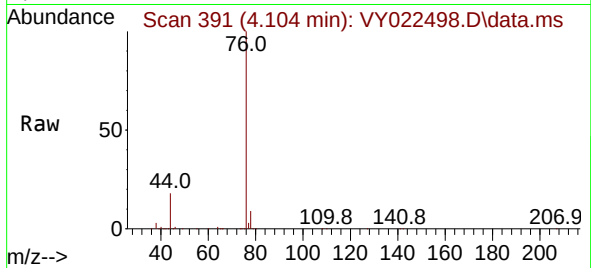




#17
Carbon Disulfide
Concen: 46.432 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

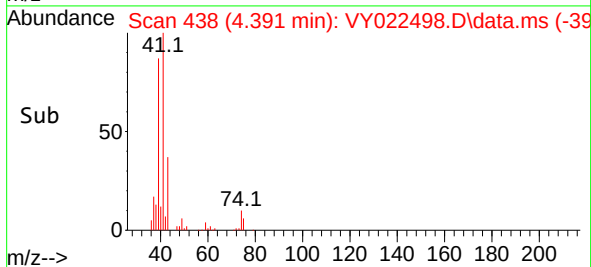
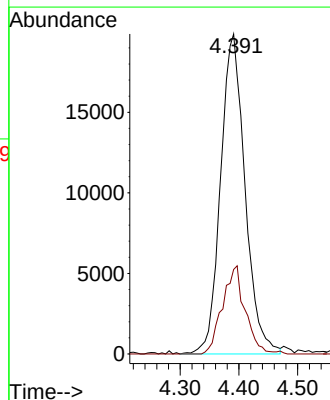
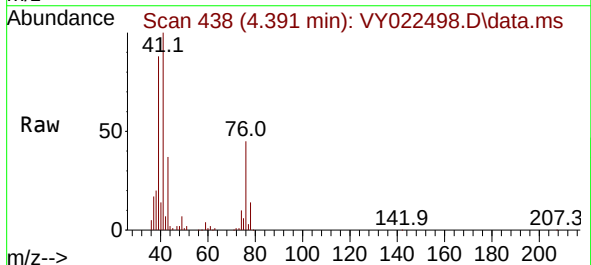
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

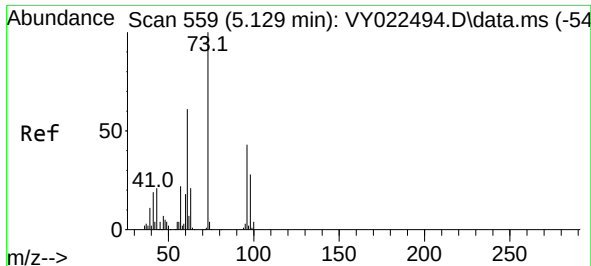
Tgt Ion: 76 Resp: 341772
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 38.935 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 57416
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 43.974 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

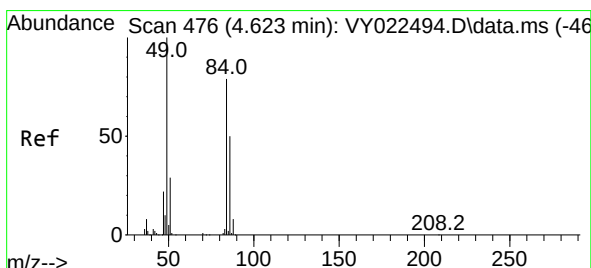
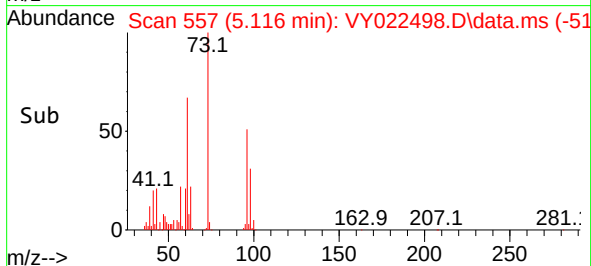
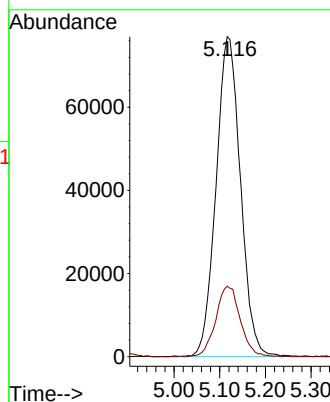
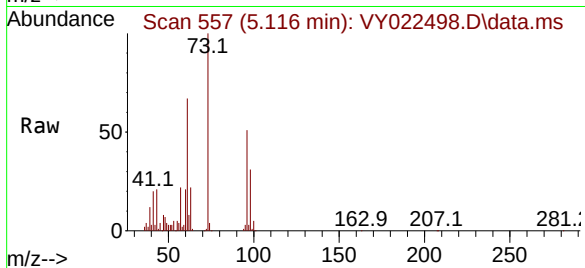
ICVVY060225

Tgt Ion: 73 Resp: 284761

Ion Ratio Lower Upper

73 100

57 22.0 17.4 26.0



#20

Methylene Chloride

Concen: 40.875 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Tgt Ion: 84 Resp: 115624

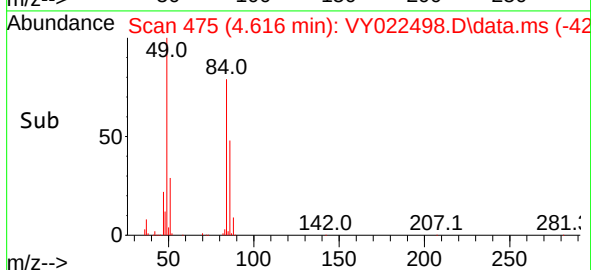
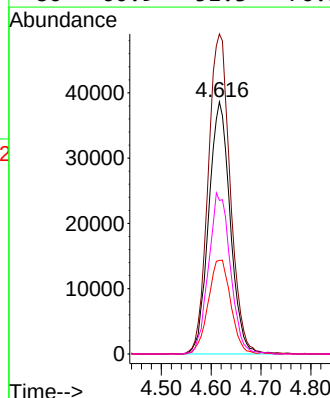
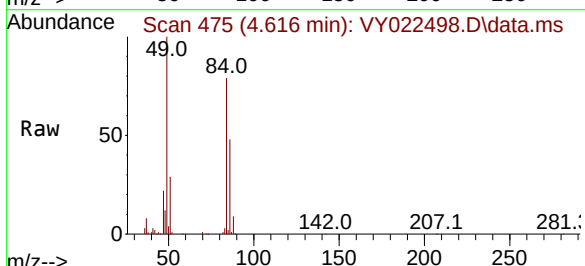
Ion Ratio Lower Upper

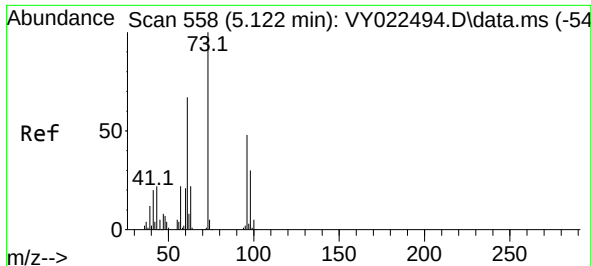
84 100

49 126.9 101.9 152.9

51 37.1 29.8 44.8

86 60.9 51.3 76.9

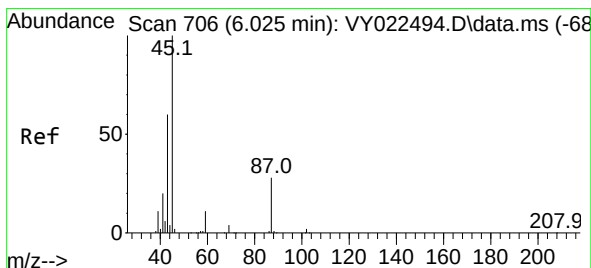
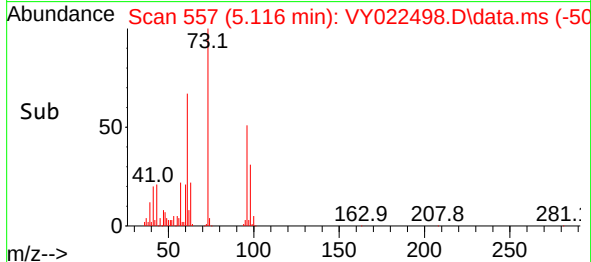
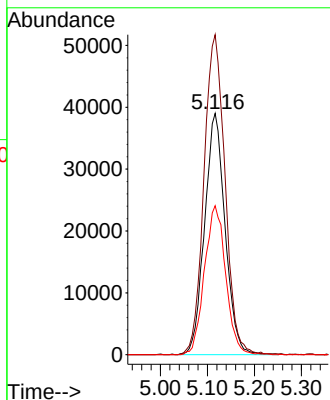
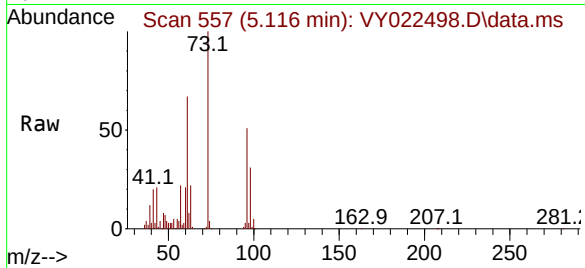




#21
trans-1,2-Dichloroethene
Concen: 46.024 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

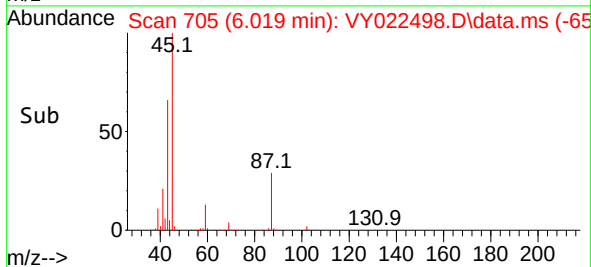
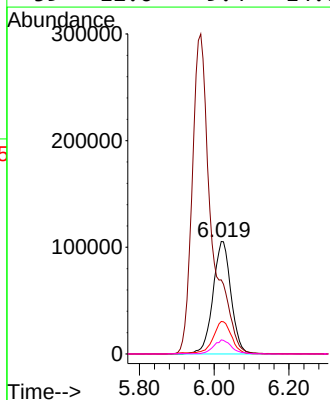
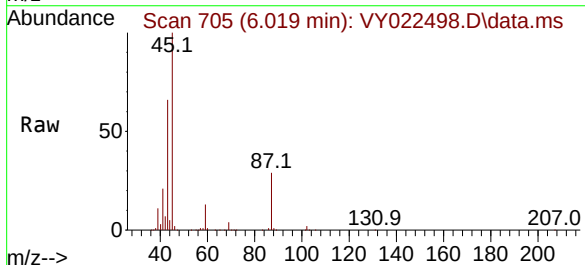
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

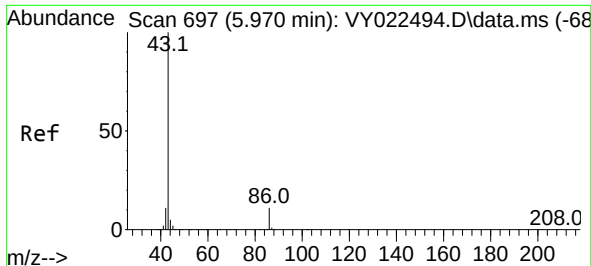
Tgt Ion: 96 Resp: 118427
Ion Ratio Lower Upper
96 100
61 132.6 112.6 169.0
98 61.8 50.6 75.8



#22
Diisopropyl ether
Concen: 44.104 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 45 Resp: 354328
Ion Ratio Lower Upper
45 100
43 65.4 48.3 72.5
87 28.8 23.0 34.6
59 12.6 9.4 14.0

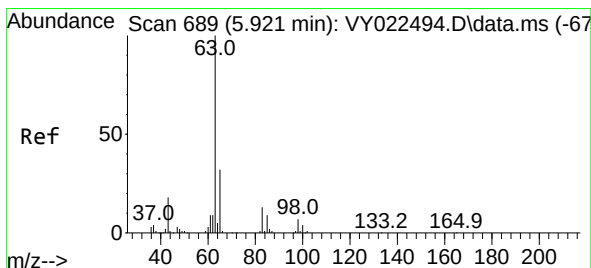
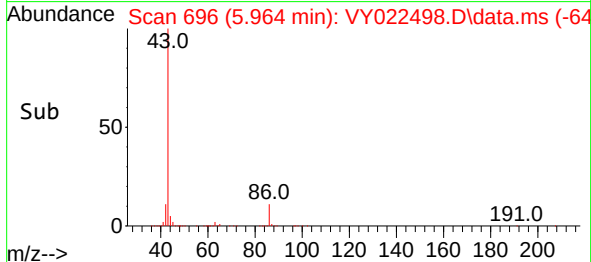
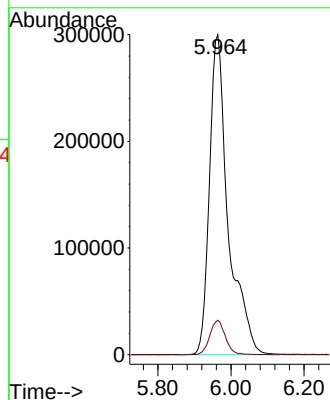
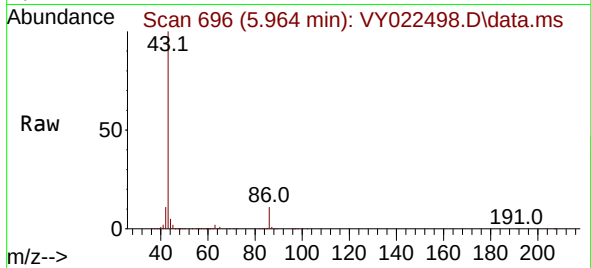




#23
 Vinyl Acetate
 Concen: 223.951 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

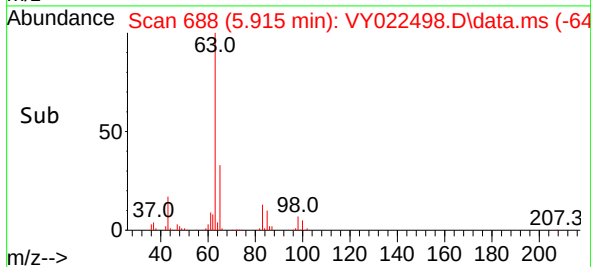
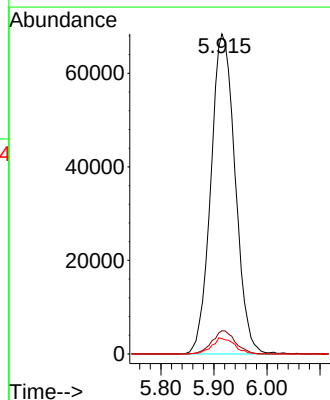
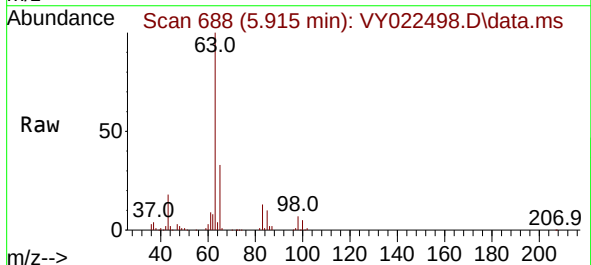
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

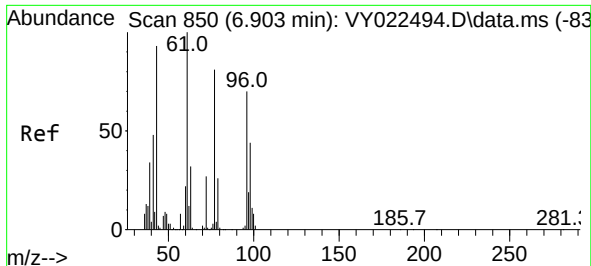
Tgt Ion: 43 Resp: 1064896
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 46.053 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 217965
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.8 2.1 6.3

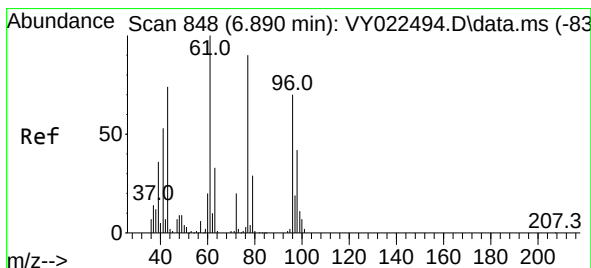
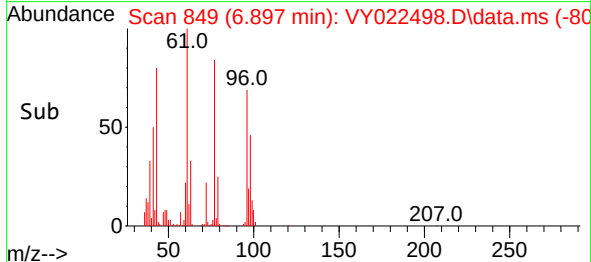
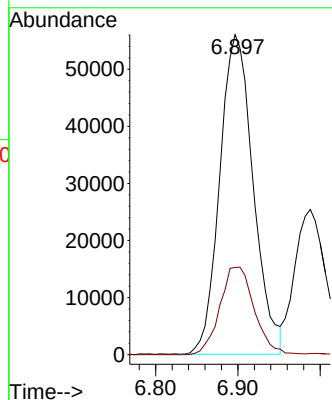
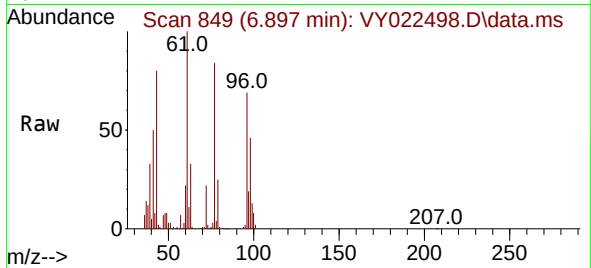




#25
2-Butanone
Concen: 220.736 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

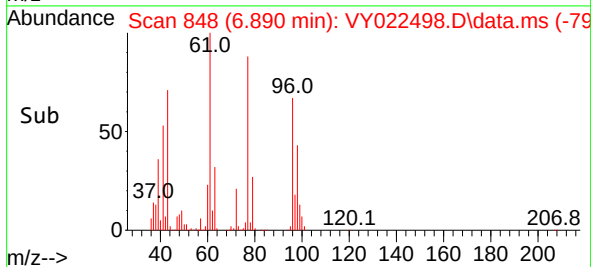
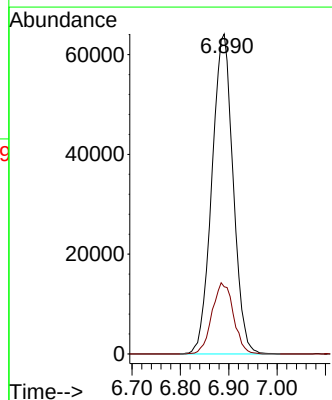
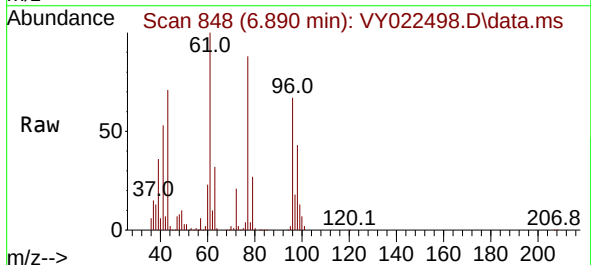
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

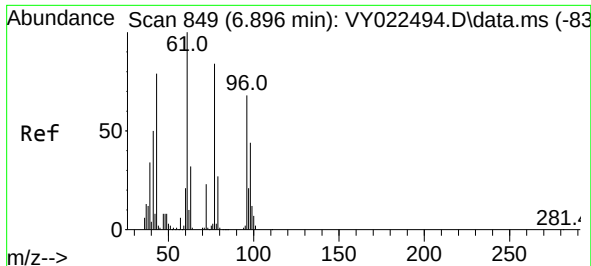
Tgt Ion: 43 Resp: 158557
Ion Ratio Lower Upper
43 100
72 27.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 46.639 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 77 Resp: 195035
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.024 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

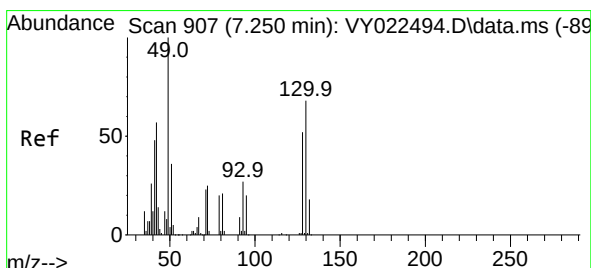
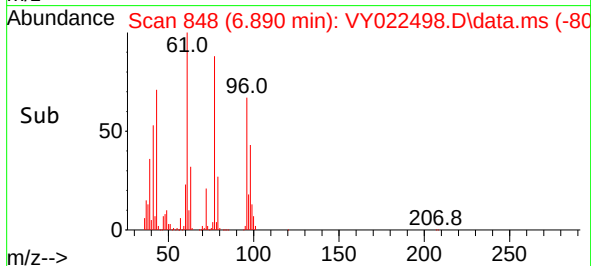
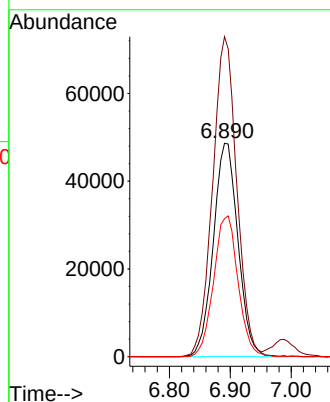
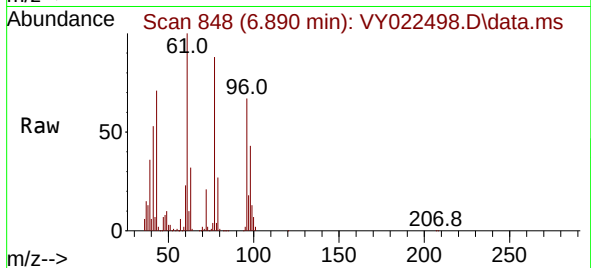
Tgt Ion: 96 Resp: 136882

Ion Ratio Lower Upper

96 100

61 146.7 0.0 290.0

98 65.3 0.0 128.4



#28

Bromochloromethane

Concen: 46.547 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

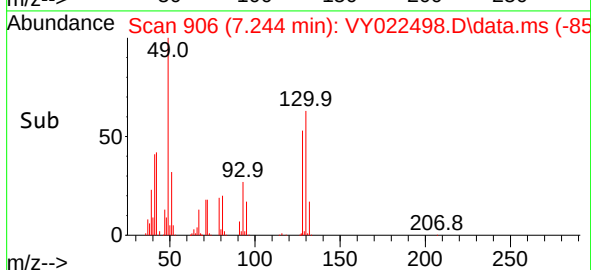
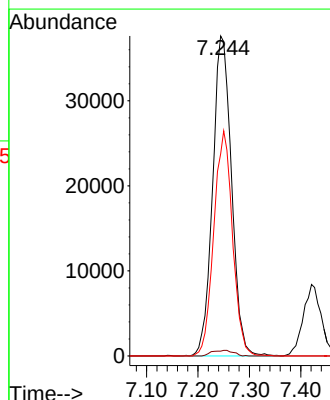
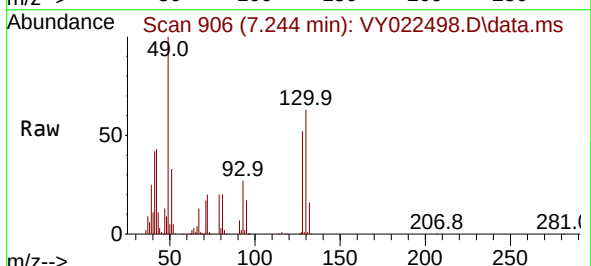
Tgt Ion: 49 Resp: 96031

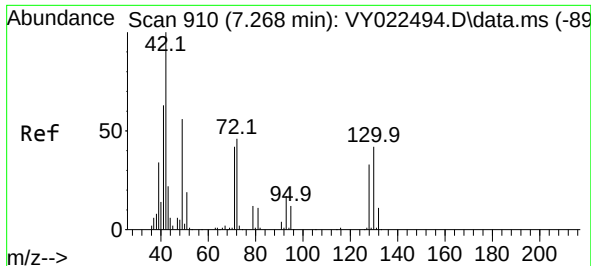
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 69.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 211.767 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

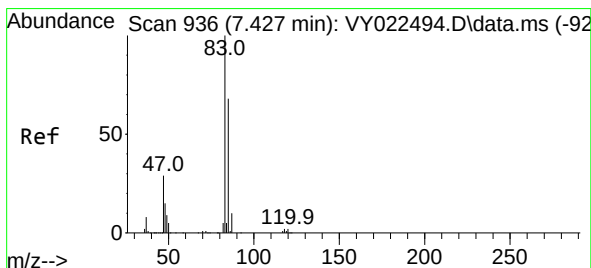
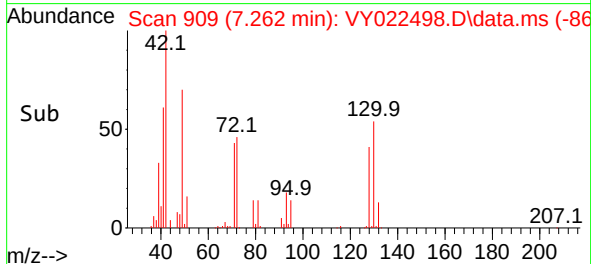
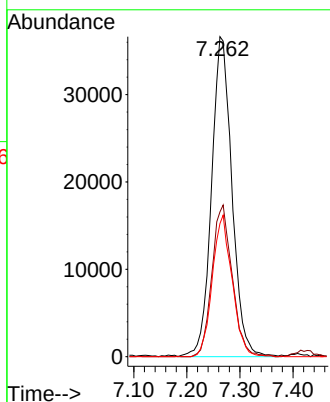
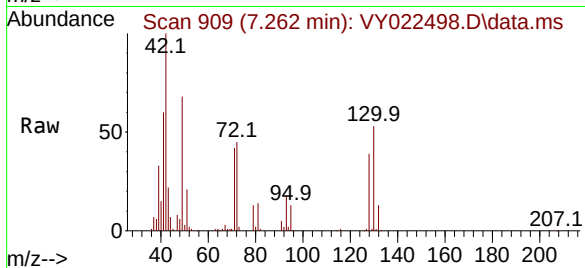
Tgt Ion: 42 Resp: 98109

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.2

71 42.7 34.2 51.2



#30

Chloroform

Concen: 45.919 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022498.D

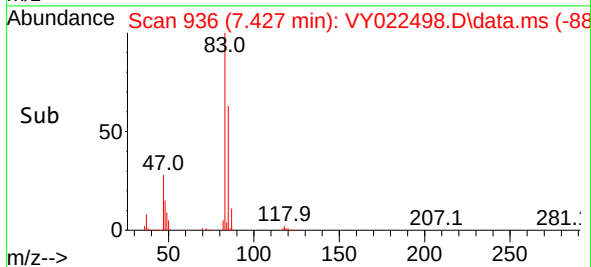
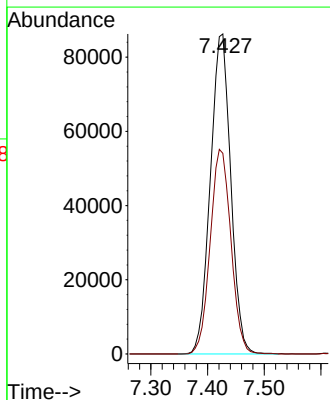
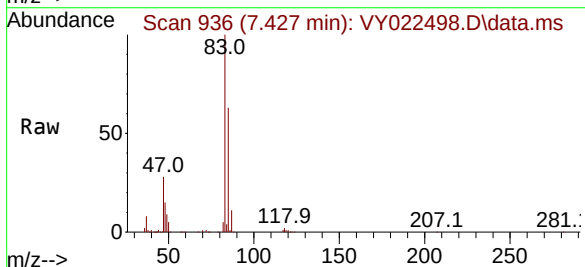
Acq: 02 Jun 2025 14:59

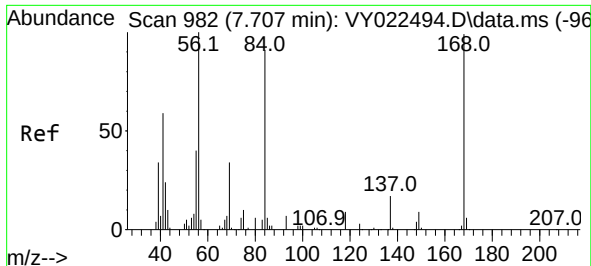
Tgt Ion: 83 Resp: 215264

Ion Ratio Lower Upper

83 100

85 62.7 54.2 81.4

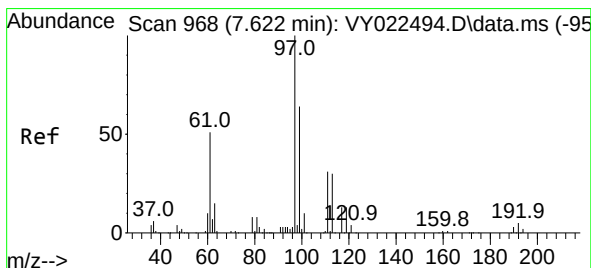
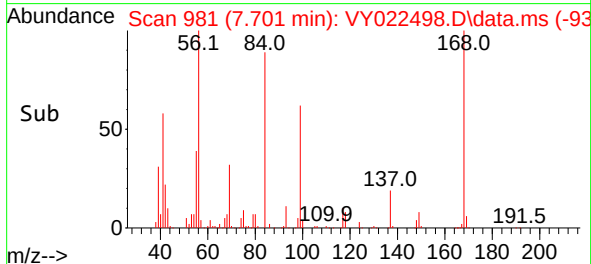
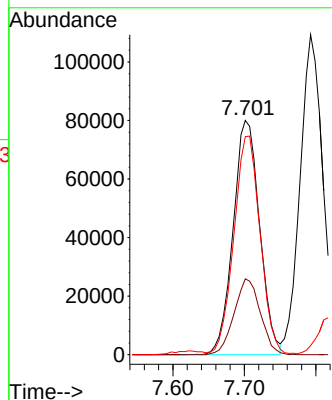
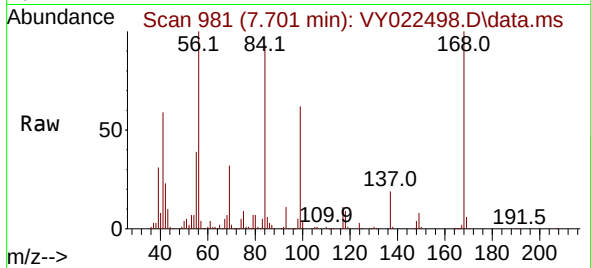




#31
Cyclohexane
Concen: 43.757 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

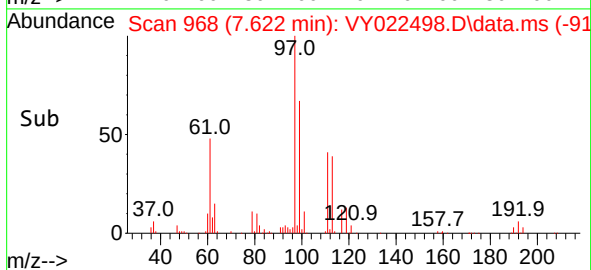
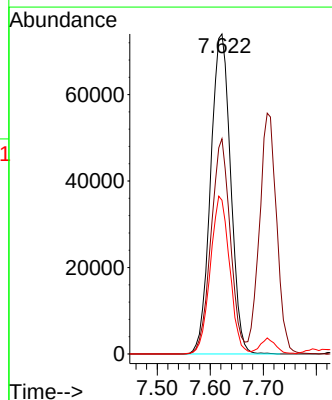
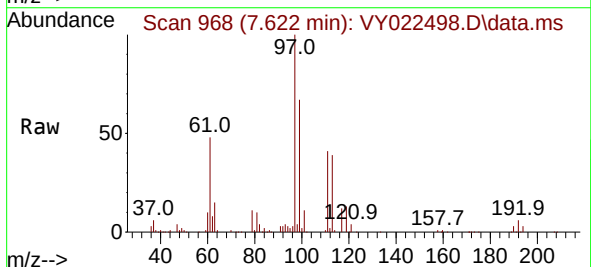
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

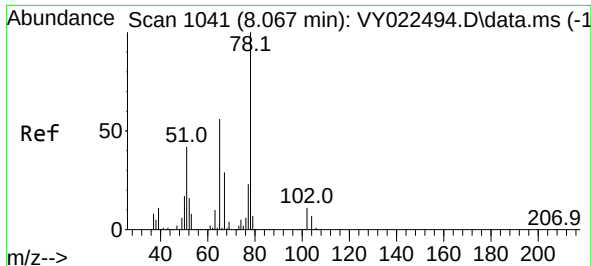
Tgt Ion: 56 Resp: 206176
Ion Ratio Lower Upper
56 100
69 32.4 27.0 40.6
84 91.7 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 46.627 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 97 Resp: 194039
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 47.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 43.538 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

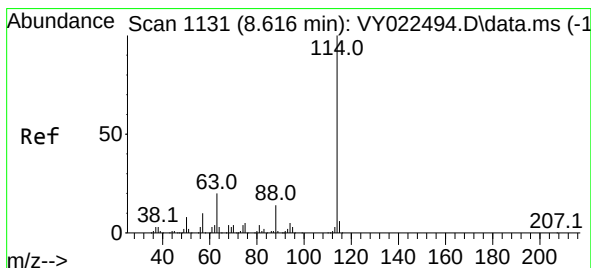
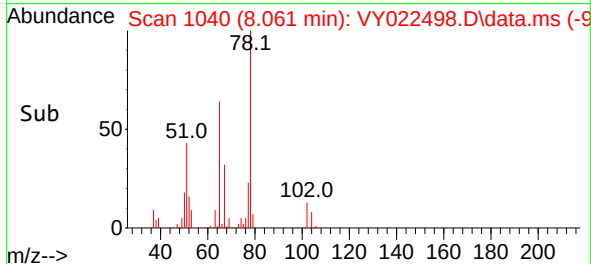
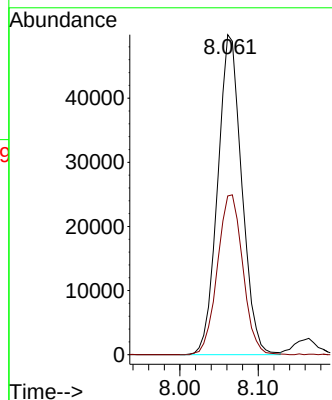
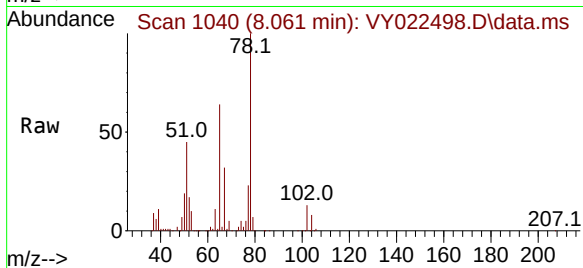
ICVY060225

Tgt Ion: 65 Resp: 106759

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022498.D

Acq: 02 Jun 2025 14:59

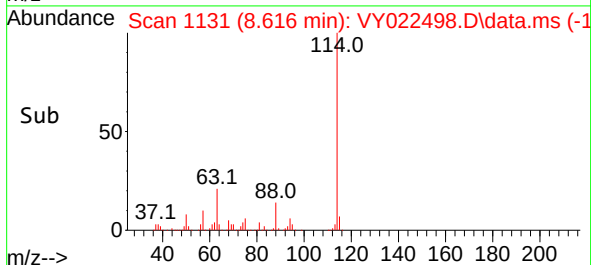
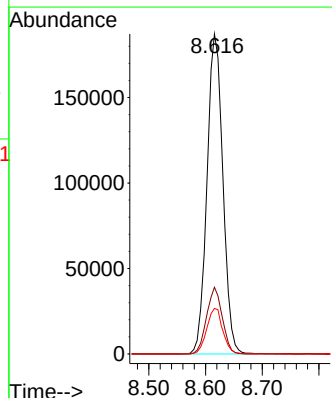
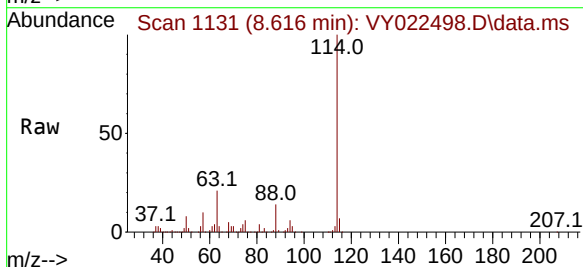
Tgt Ion: 114 Resp: 365013

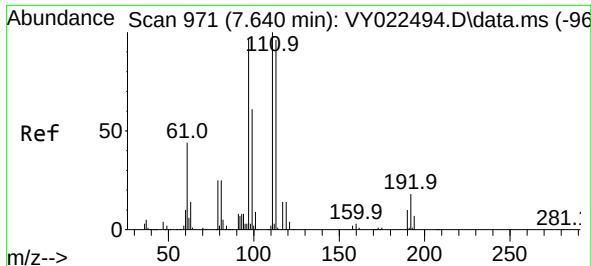
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 14.3 0.0 27.8

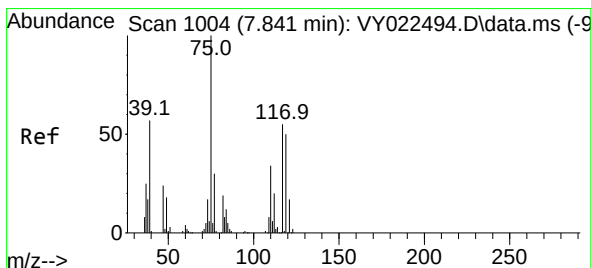
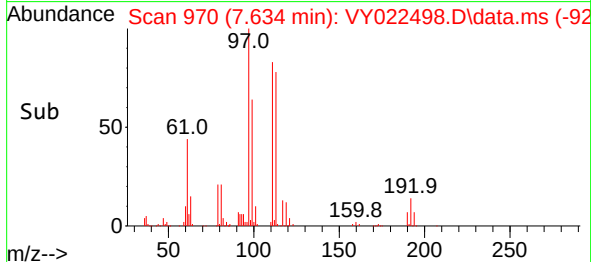
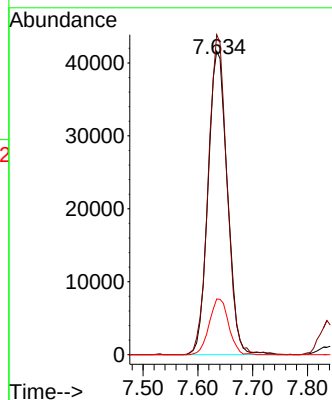
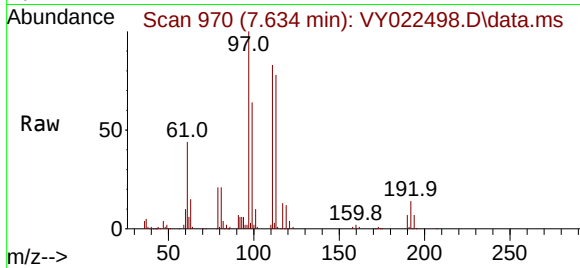




#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

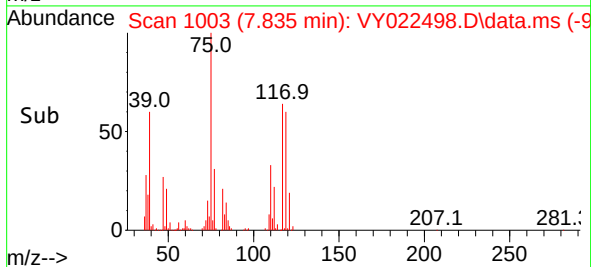
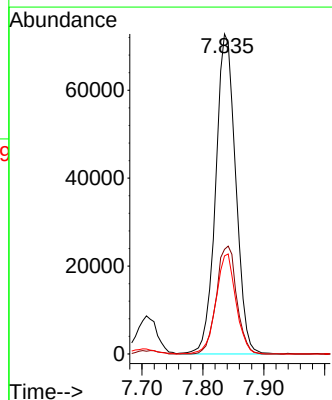
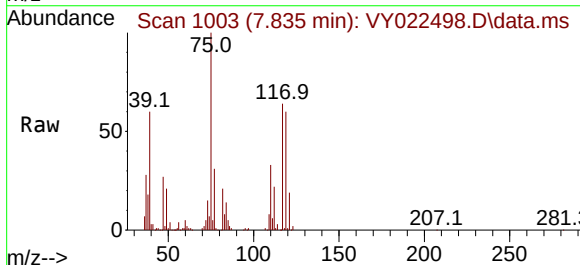
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

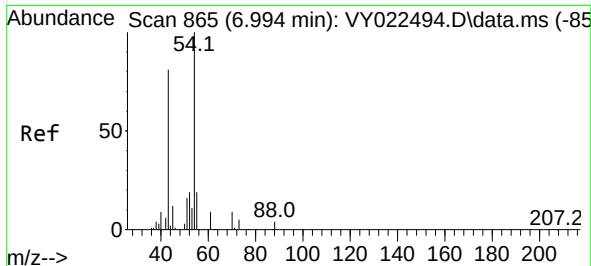
Tgt Ion:113 Resp: 101692
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 18.4 14.2 21.2



#36
1,1-Dichloropropene
Concen: 46.978 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 166116
Ion Ratio Lower Upper
75 100
110 34.2 16.9 50.7
77 31.2 24.8 37.2

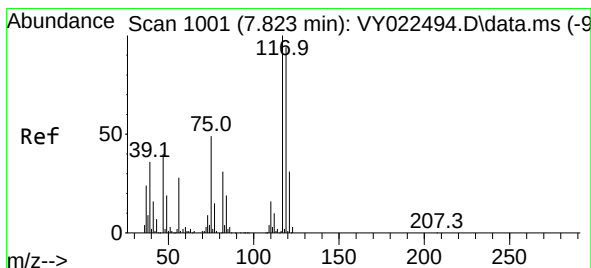
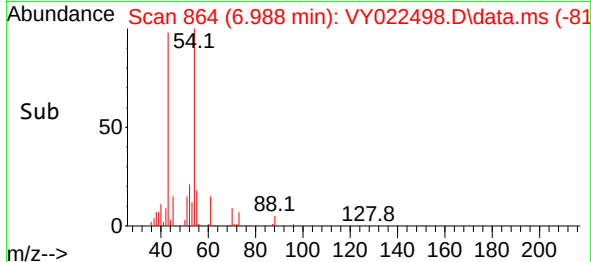
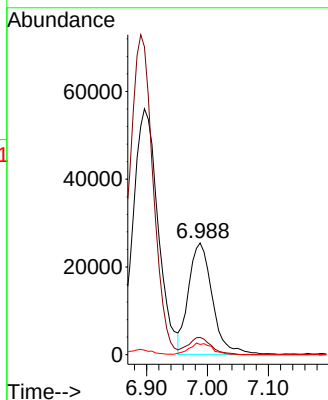
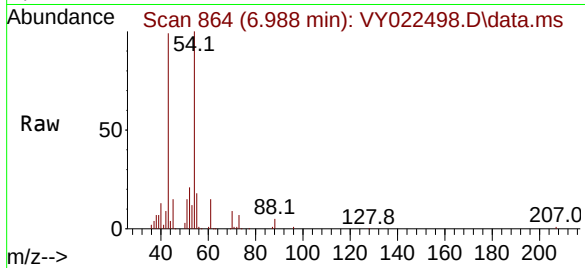




#37
Ethyl Acetate
Concen: 43.605 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

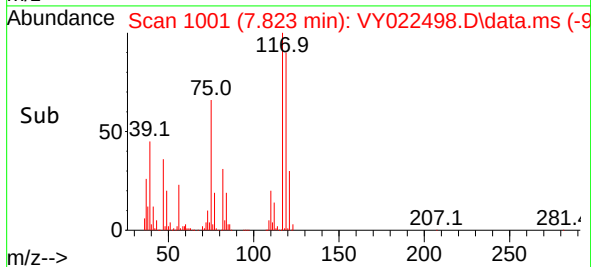
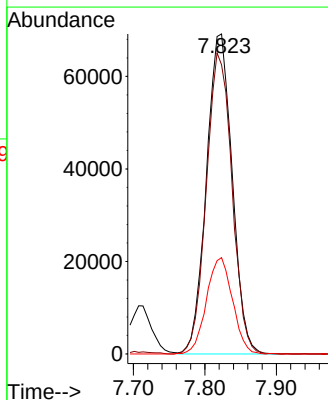
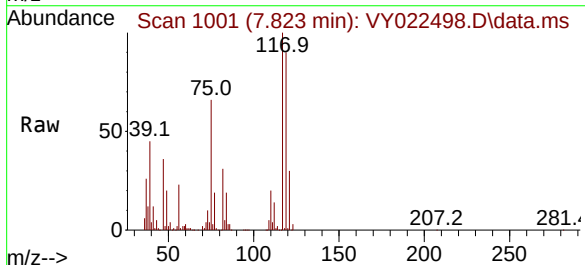
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

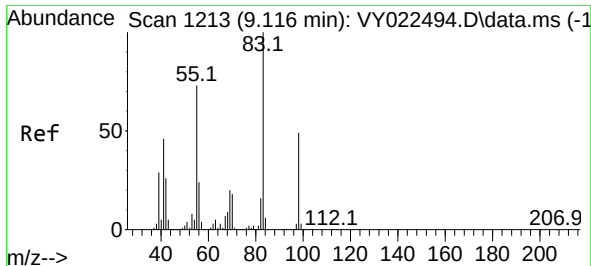
Tgt Ion: 43 Resp: 68761
Ion Ratio Lower Upper
43 100
61 15.3 11.5 17.3
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.747 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 117 Resp: 173199
Ion Ratio Lower Upper
117 100
119 90.3 75.0 112.6
121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 46.923 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060225

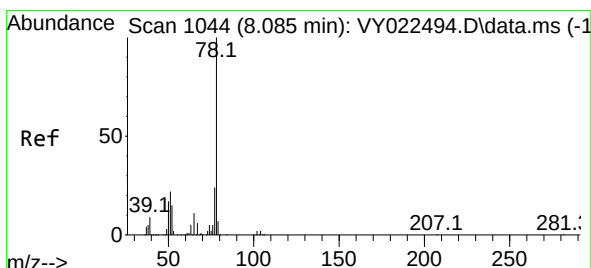
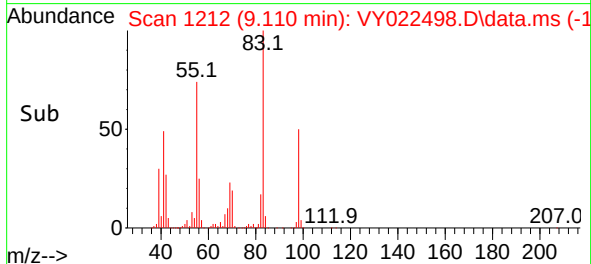
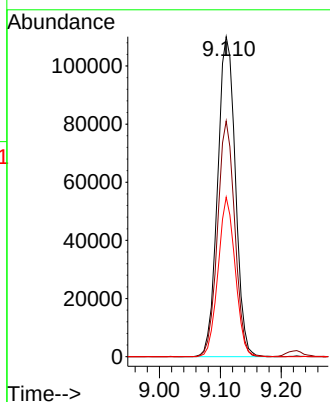
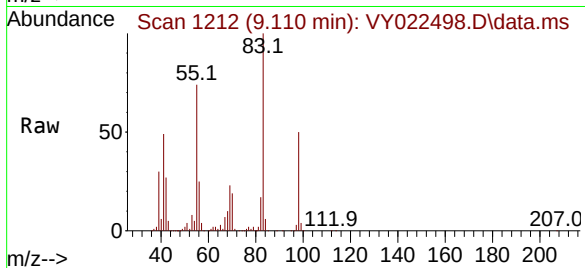
Tgt Ion: 83 Resp: 222971

Ion Ratio Lower Upper

83 100

55 73.7 58.1 87.1

98 49.9 39.0 58.6



#40

Benzene

Concen: 47.020 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022498.D

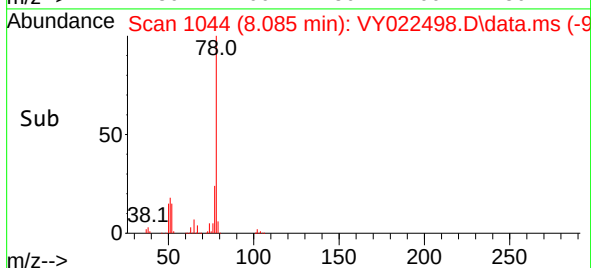
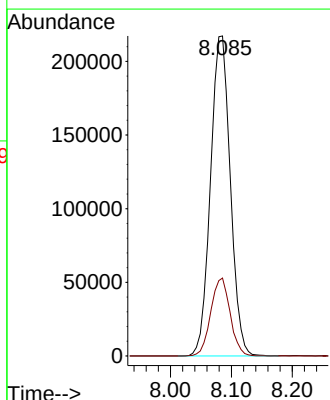
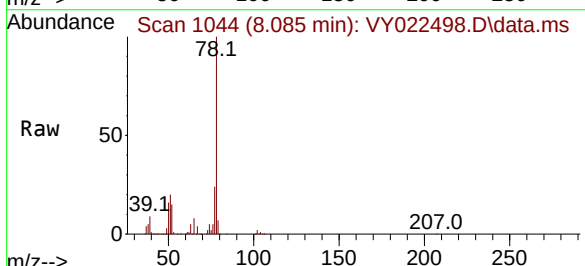
Acq: 02 Jun 2025 14:59

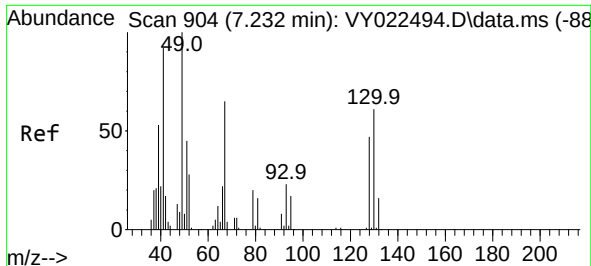
Tgt Ion: 78 Resp: 491078

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

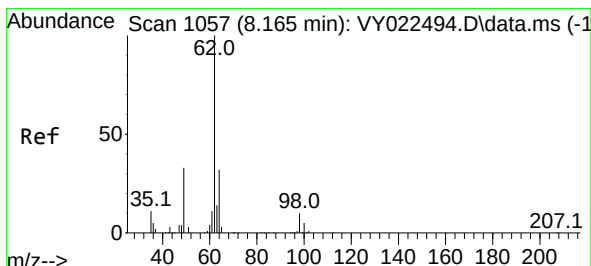
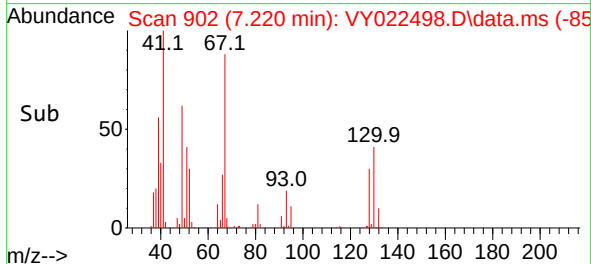
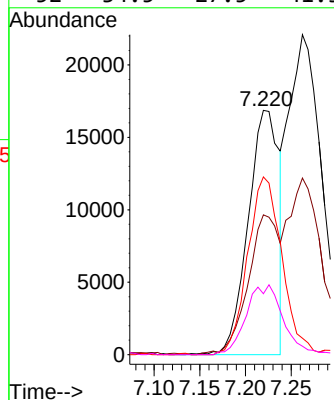
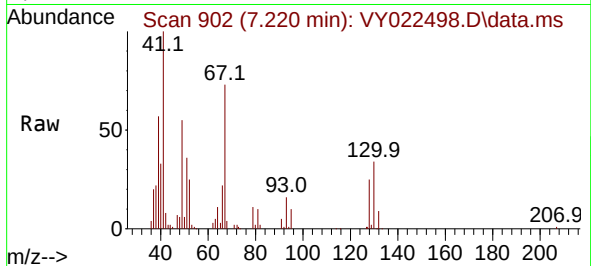




#41
Methacrylonitrile
Concen: 43.134 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

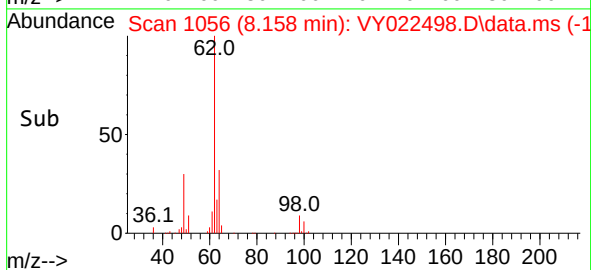
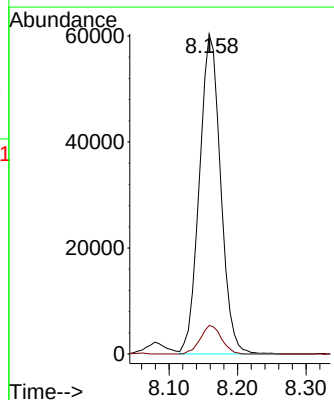
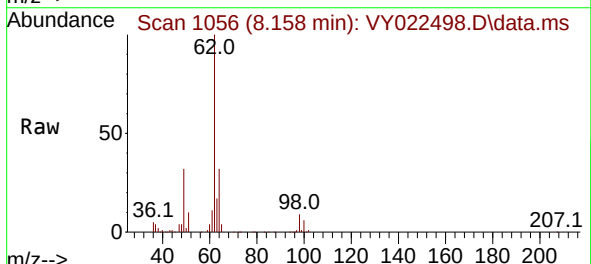
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

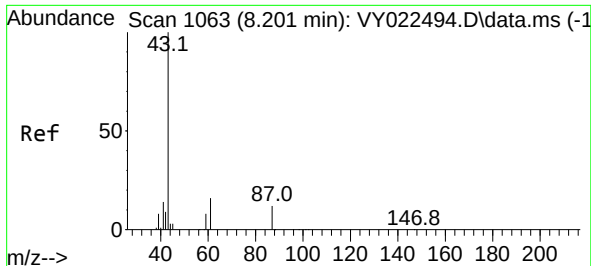
Tgt Ion:	41	Resp:	39730
Ion	Ratio	Lower	Upper
41	100		
39	57.3	46.6	69.8
67	80.2	63.3	94.9
52	34.5	27.5	41.3



#42
1,2-Dichloroethane
Concen: 45.644 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:	62	Resp:	130161
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.2

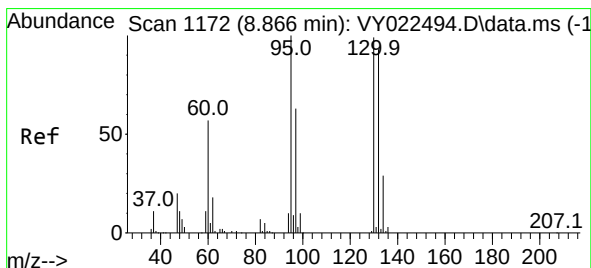
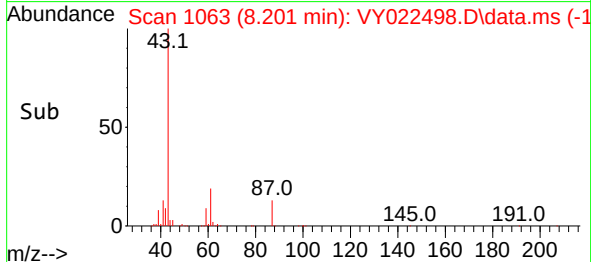
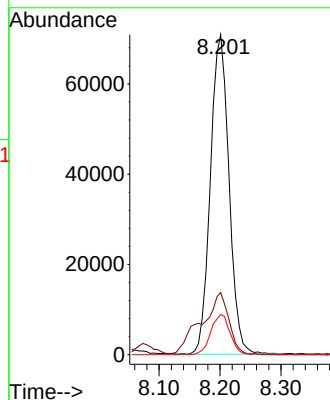
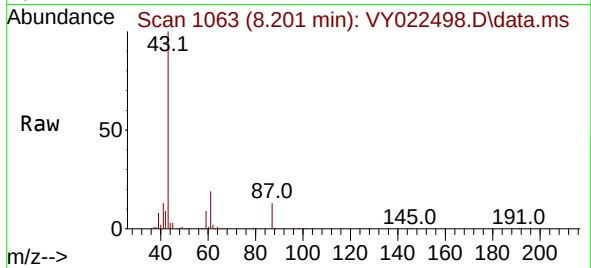




#43
Isopropyl Acetate
Concen: 44.122 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

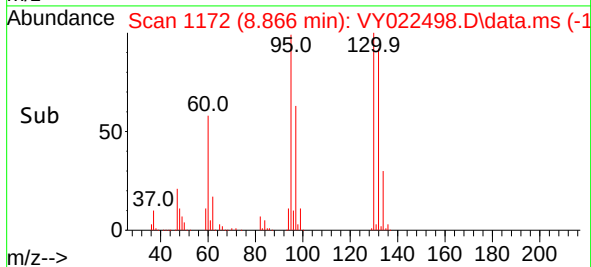
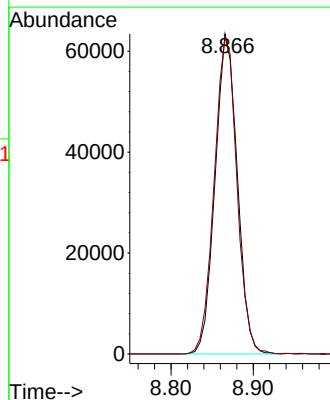
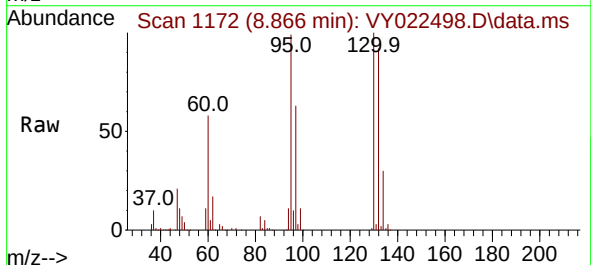
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

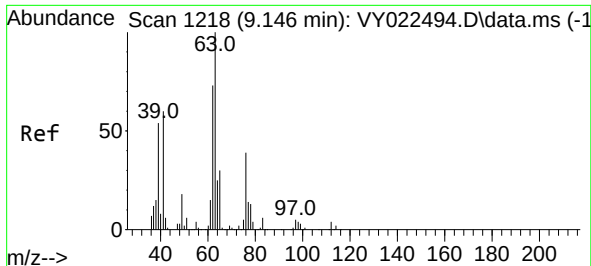
Tgt Ion: 43 Resp: 150263
Ion Ratio Lower Upper
43 100
61 28.6 15.6 23.4#
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 46.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:130 Resp: 118971
Ion Ratio Lower Upper
130 100
95 98.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 46.587 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

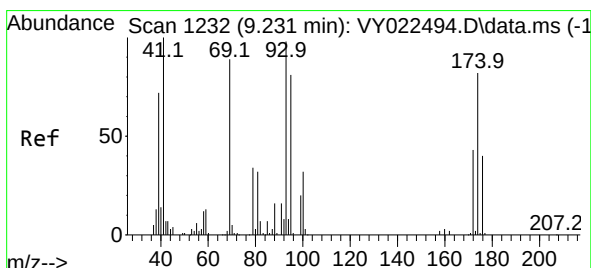
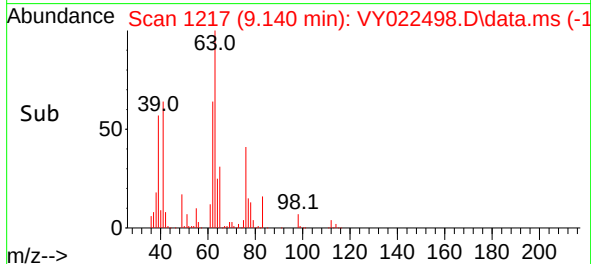
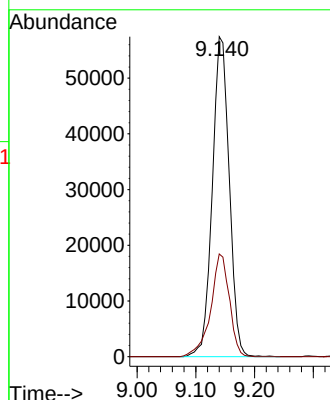
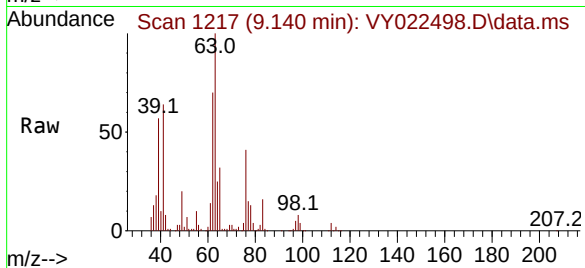
ICVY060225

Tgt Ion: 63 Resp: 114988

Ion Ratio Lower Upper

63 100

65 32.1 24.0 36.0



#46

Dibromomethane

Concen: 46.430 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

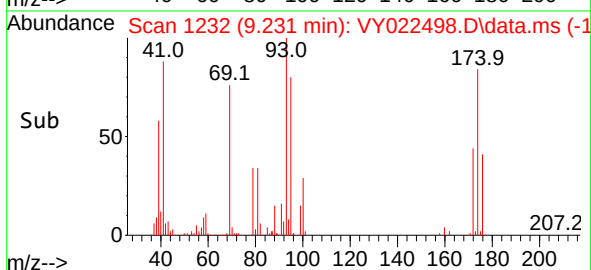
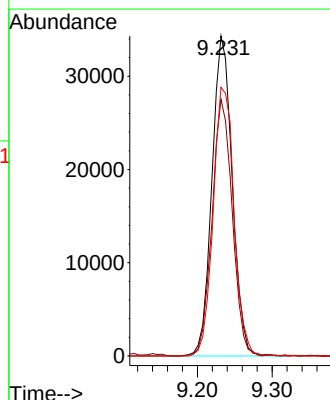
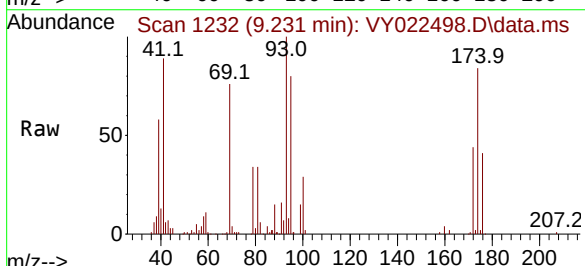
Tgt Ion: 93 Resp: 64473

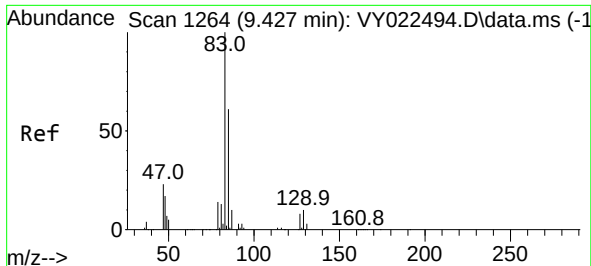
Ion Ratio Lower Upper

93 100

95 80.2 65.6 98.4

174 86.4 70.4 105.6

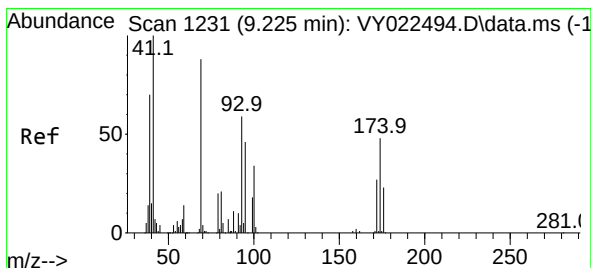
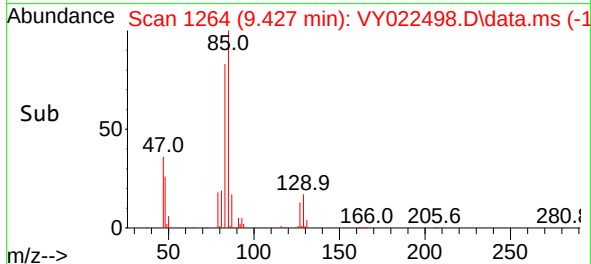
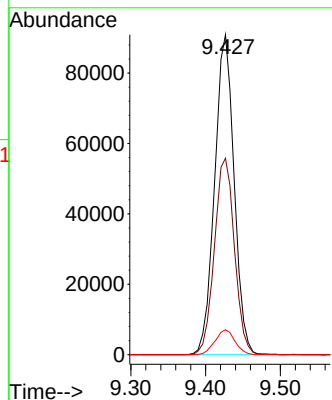
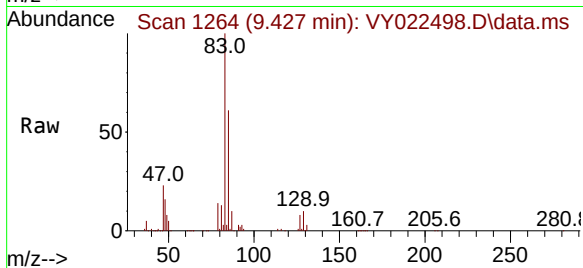




#47
Bromodichloromethane
Concen: 46.825 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

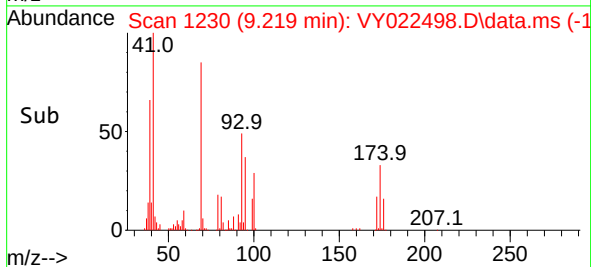
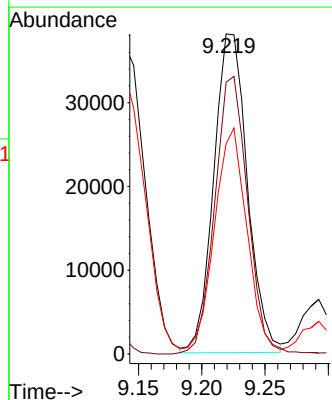
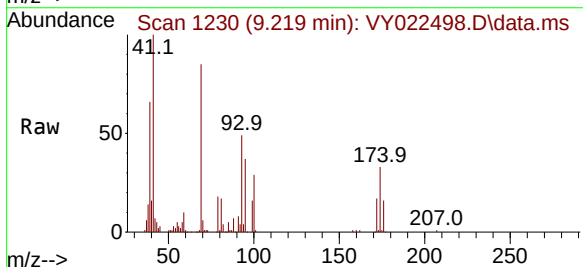
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

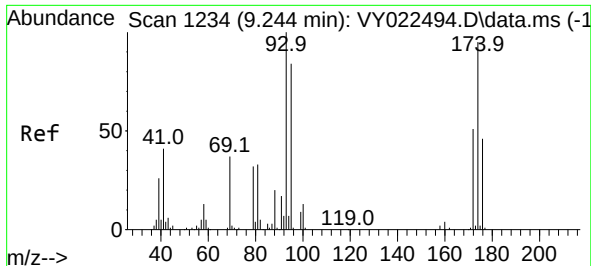
Tgt Ion: 83 Resp: 164872
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7
127 7.8 6.2 9.4



#48
Methyl methacrylate
Concen: 44.198 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 41 Resp: 70644
Ion Ratio Lower Upper
41 100
69 85.1 67.8 101.8
39 65.9 55.0 82.4





#49

1,4-Dioxane

Concen: 816.553 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

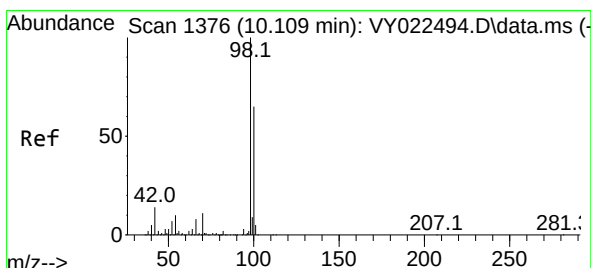
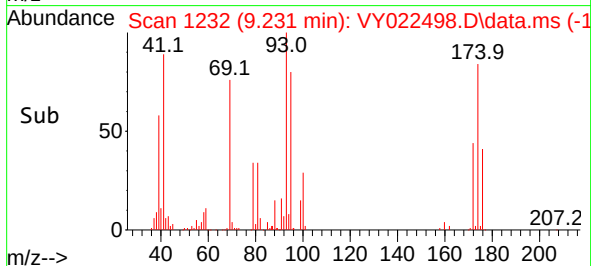
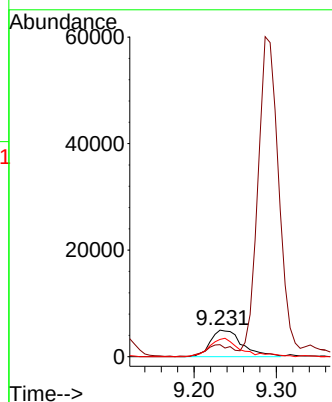
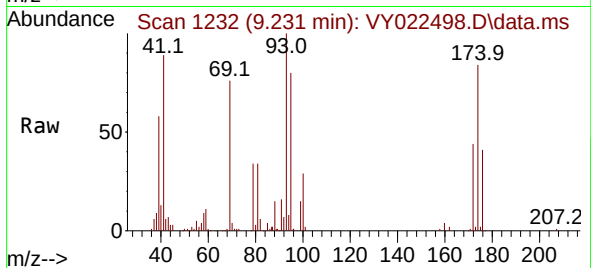
Tgt Ion: 88 Resp: 13433

Ion Ratio Lower Upper

88 100

43 39.1 25.4 38.2#

58 67.7 54.9 82.3



#50

Toluene-d8

Concen: 46.760 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022498.D

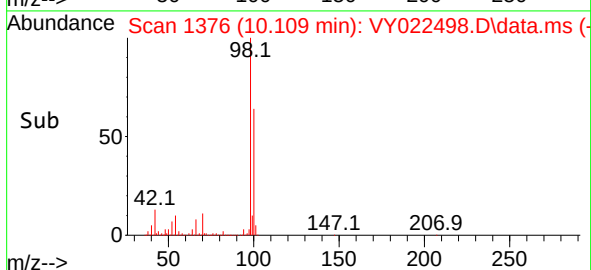
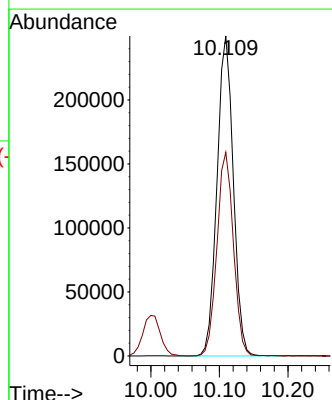
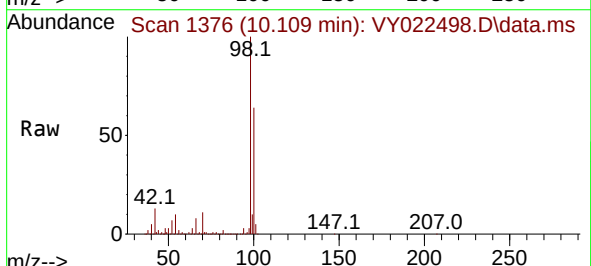
Acq: 02 Jun 2025 14:59

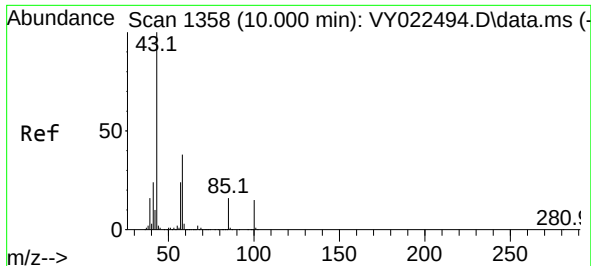
Tgt Ion: 98 Resp: 411640

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

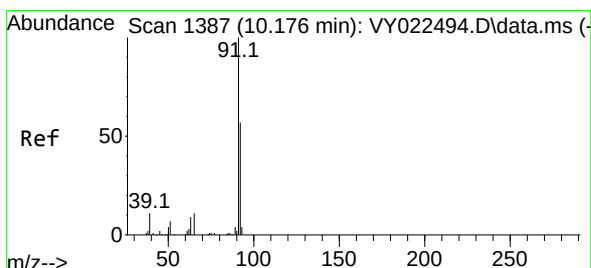
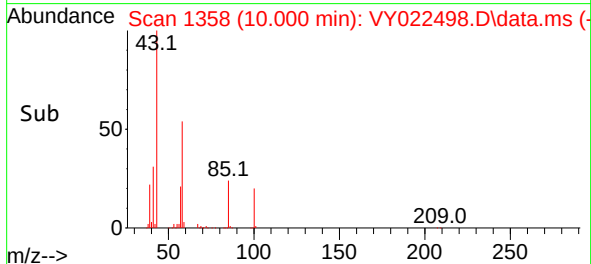
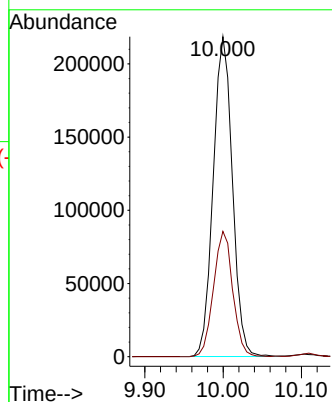
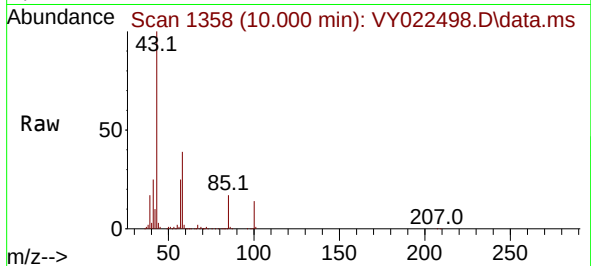




#51
4-Methyl-2-Pentanone
Concen: 219.250 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

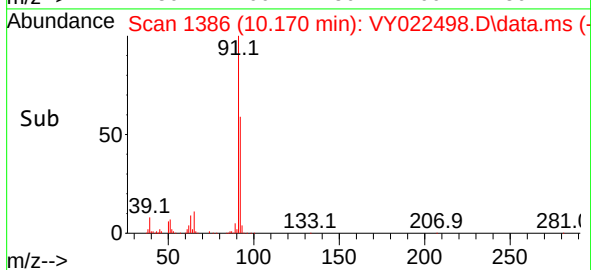
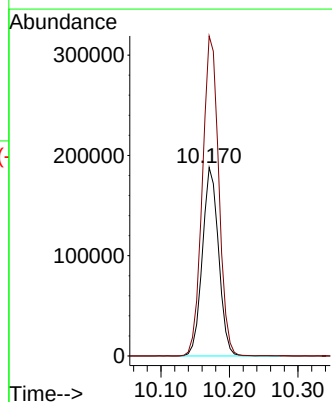
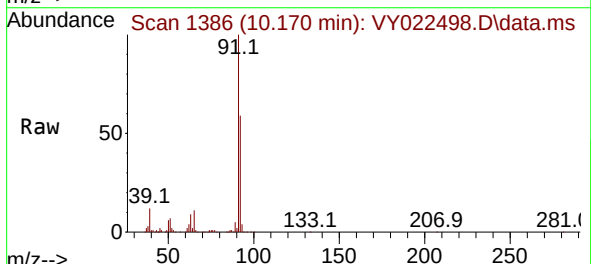
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

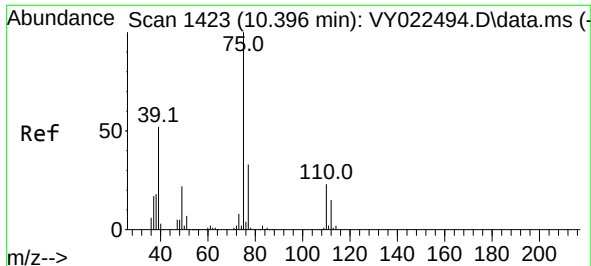
Tgt Ion: 43 Resp: 372276
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 47.137 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 92 Resp: 309375
Ion Ratio Lower Upper
92 100
91 171.7 139.0 208.4

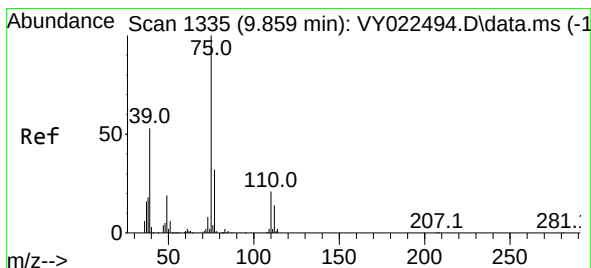
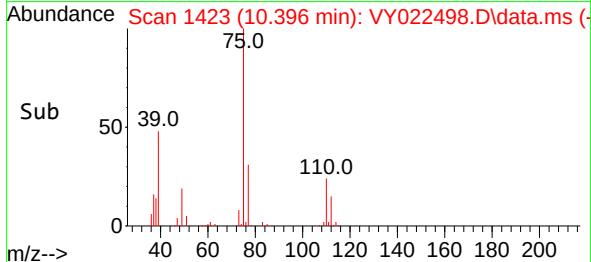
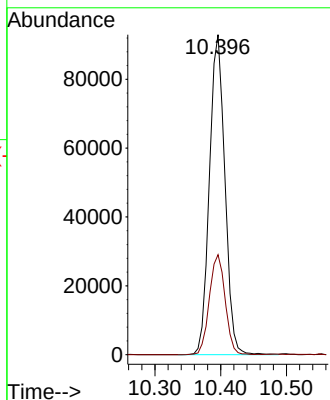
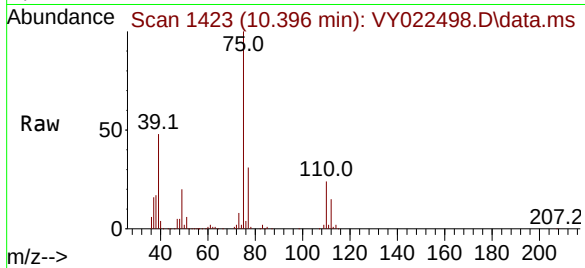




#53
t-1,3-Dichloropropene
Concen: 46.094 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

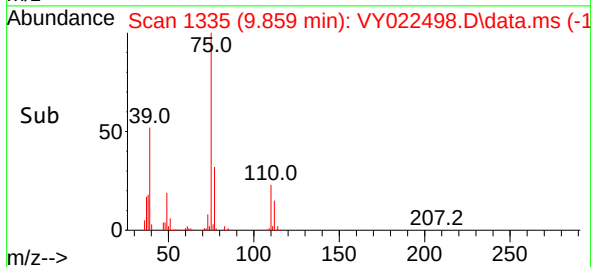
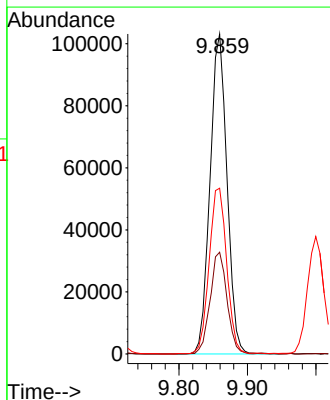
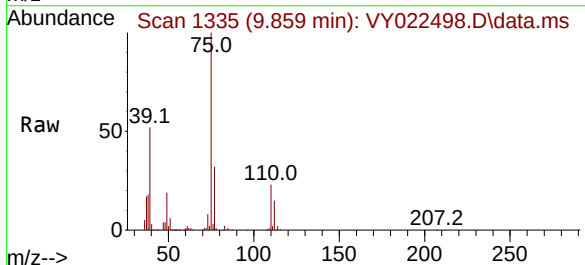
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

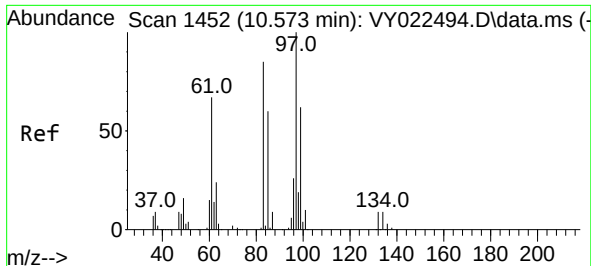
Tgt Ion: 75 Resp: 152066
Ion Ratio Lower Upper
75 100
77 31.2 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 46.206 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 177445
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 51.6 42.7 64.1

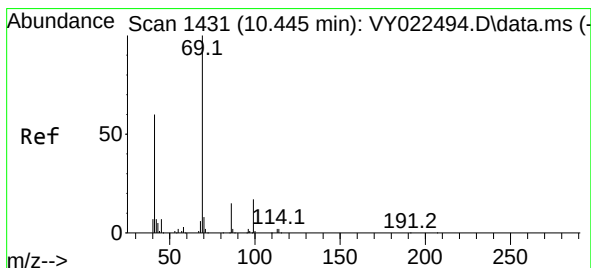
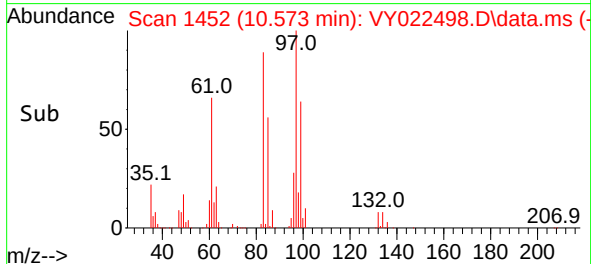
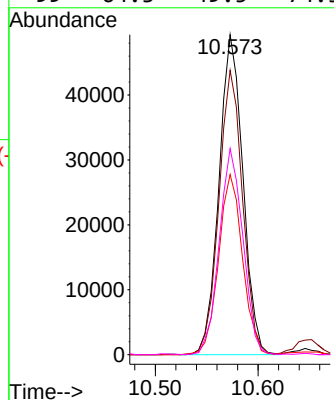
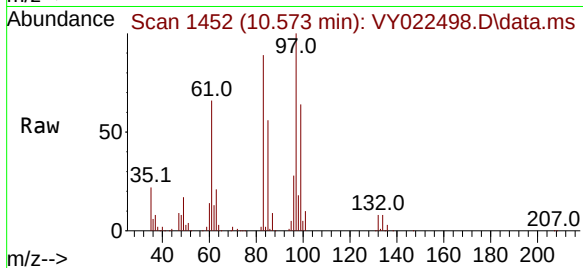




#55
1,1,2-Trichloroethane
Concen: 44.953 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

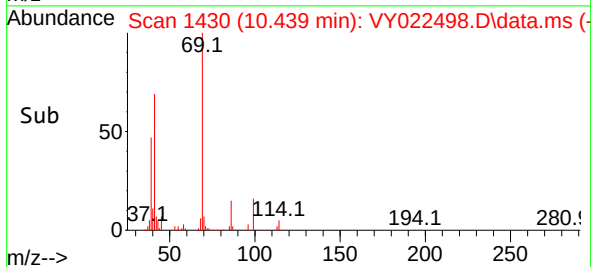
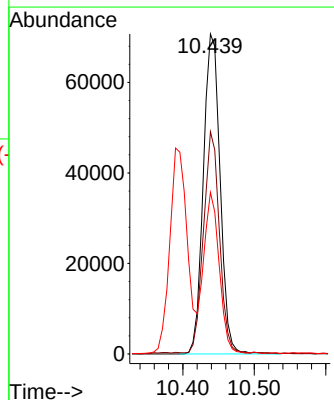
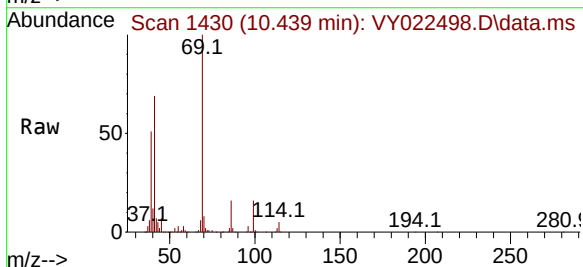
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

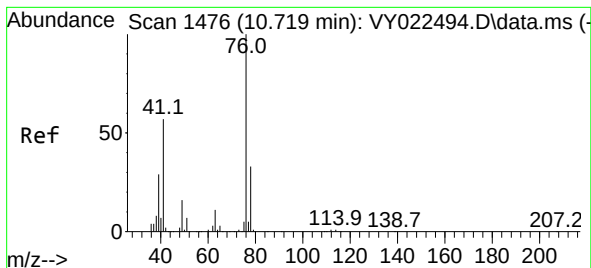
Tgt Ion:	97	Resp:	79596
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.1	102.1
85	56.3	48.2	72.2
99	64.3	49.5	74.3



#56
Ethyl methacrylate
Concen: 45.029 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:	69	Resp:	115237
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.2	78.2
39	45.6	36.7	55.1

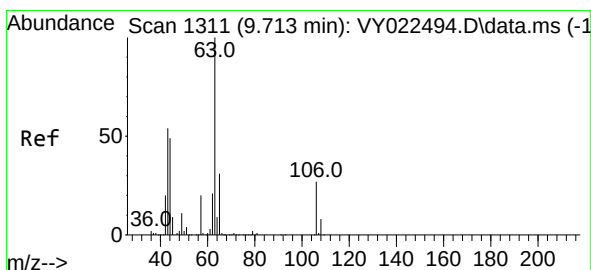
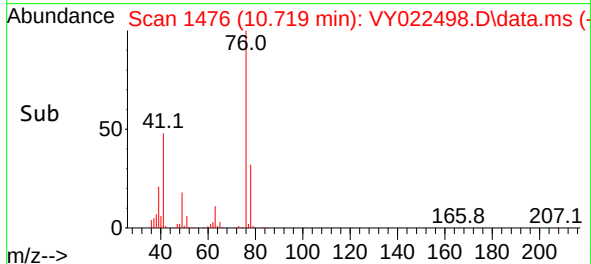
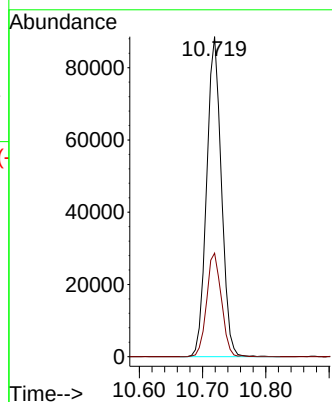
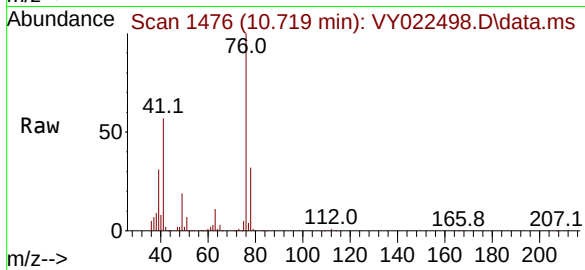




#57
 1,3-Dichloropropane
 Concen: 45.696 ug/l
 RT: 10.719 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

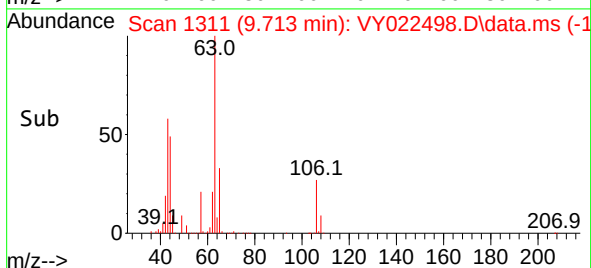
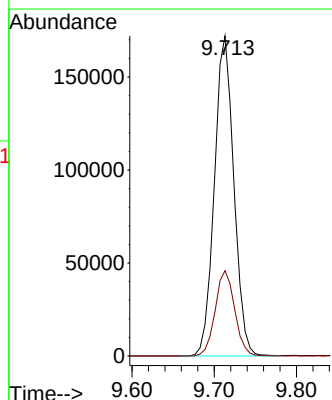
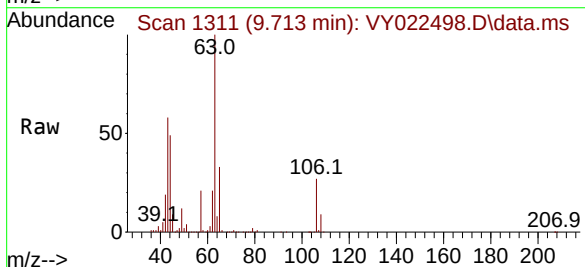
Instrument : MSVOA_Y
 ClientSampleId : ICVVY060225

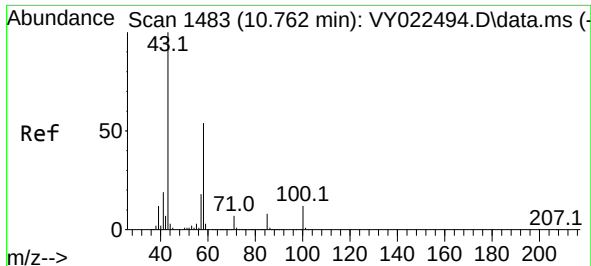
Tgt Ion: 76 Resp: 143407
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.746 ug/l
 RT: 9.713 min Scan# 1311
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

Tgt Ion: 63 Resp: 283213
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.6 32.4

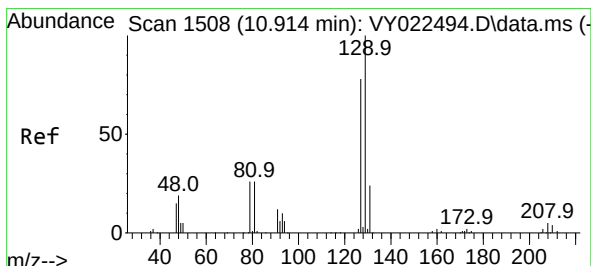
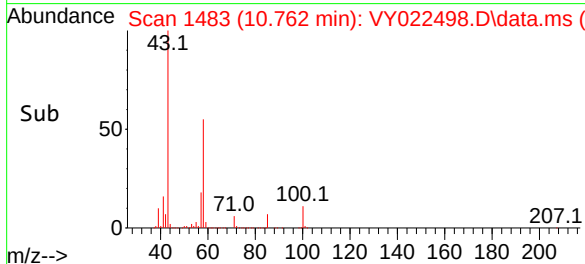
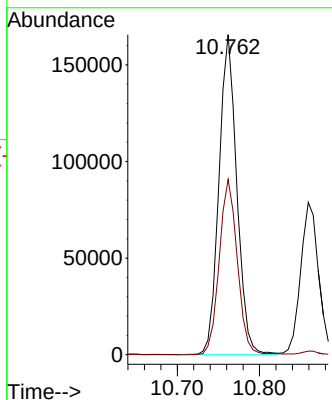
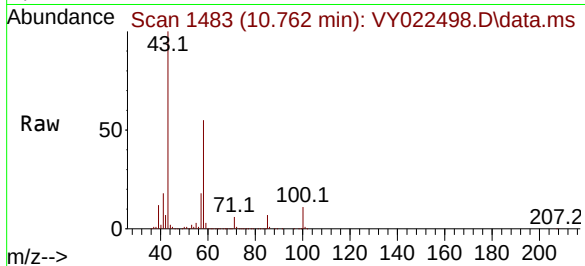




#59
2-Hexanone
Concen: 220.088 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

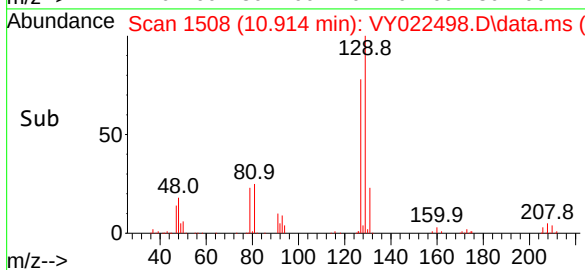
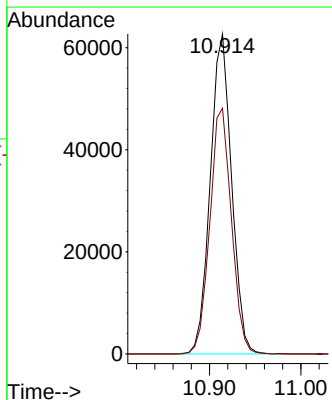
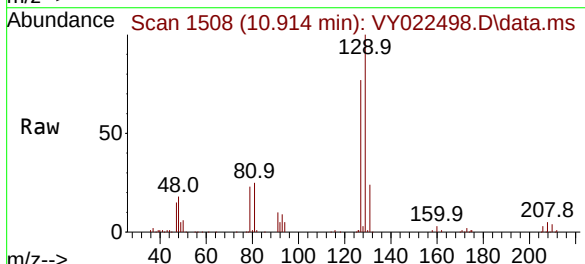
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

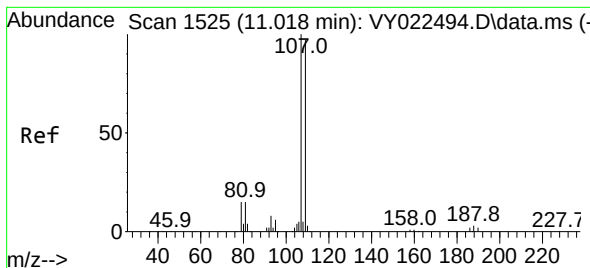
Tgt Ion: 43 Resp: 249926
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 45.114 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 129 Resp: 101515
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

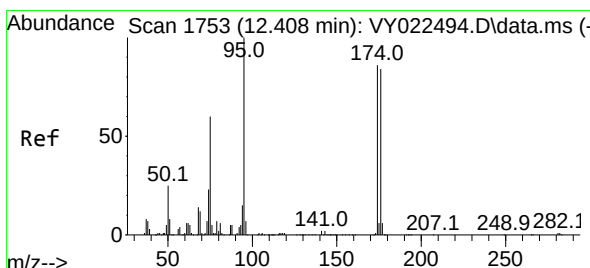
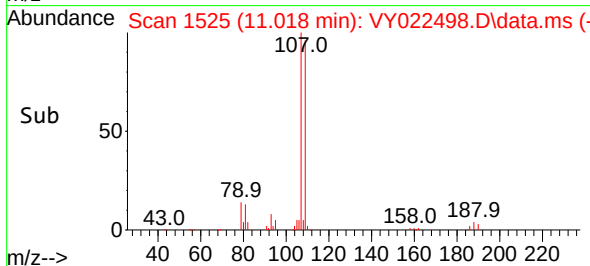
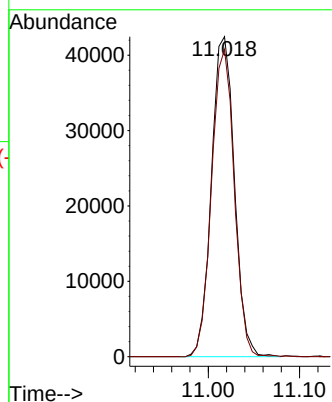
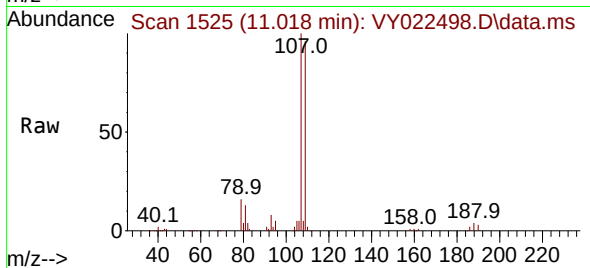




#61
1,2-Dibromoethane
Concen: 45.960 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

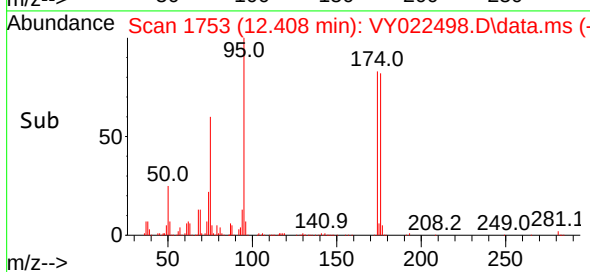
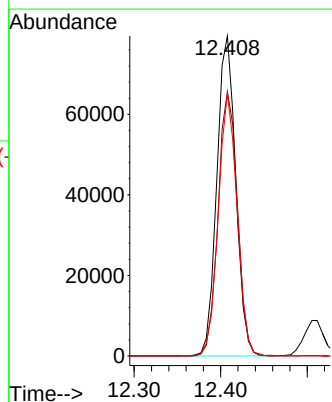
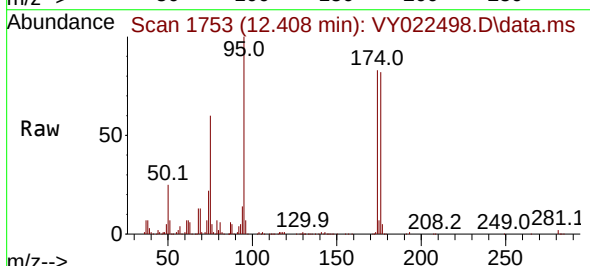
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

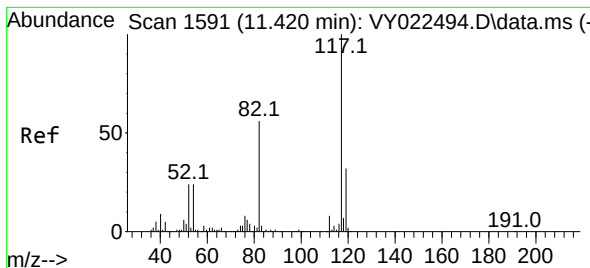
Tgt Ion:107 Resp: 74173
Ion Ratio Lower Upper
107 100
109 94.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 95 Resp: 120253
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.0
176 81.5 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

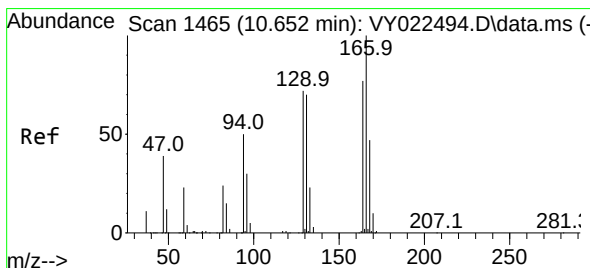
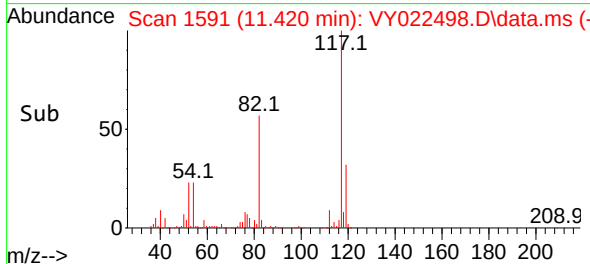
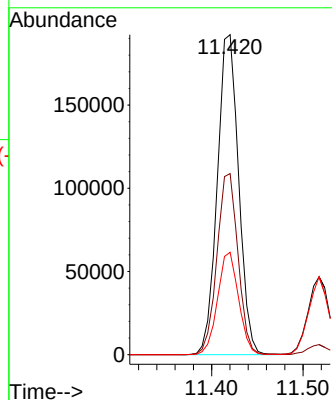
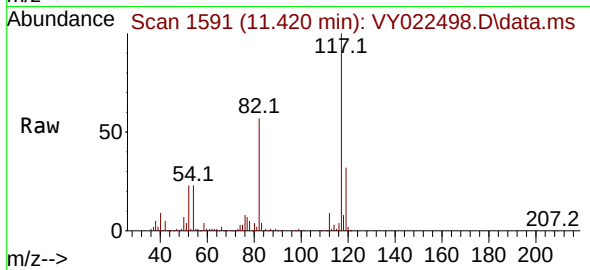
Tgt Ion:117 Resp: 312263

Ion Ratio Lower Upper

117 100

82 56.6 44.6 66.8

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 45.398 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Tgt Ion:164 Resp: 121944

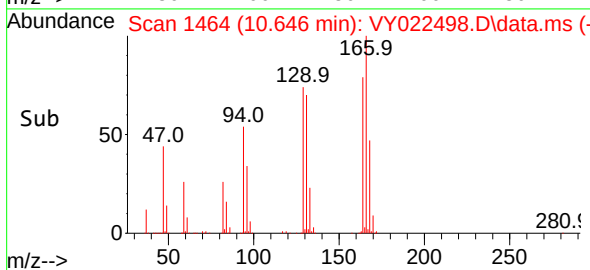
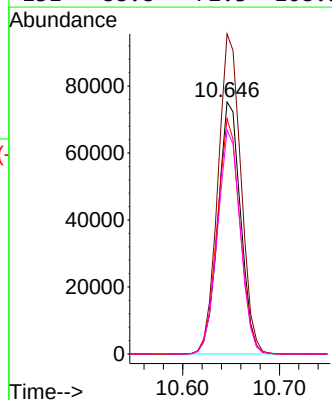
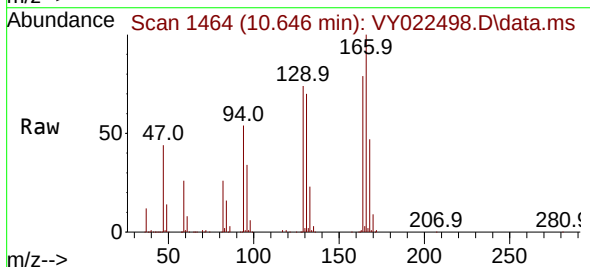
Ion Ratio Lower Upper

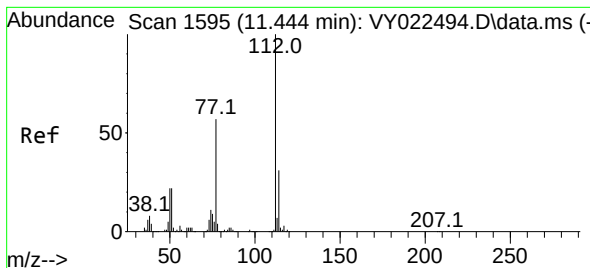
164 100

166 127.0 104.0 156.0

129 93.4 74.5 111.7

131 88.8 72.3 108.5





#65

Chlorobenzene

Concen: 45.953 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

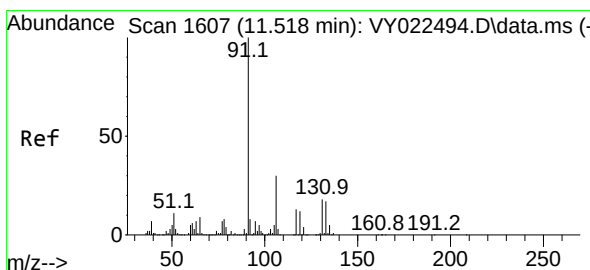
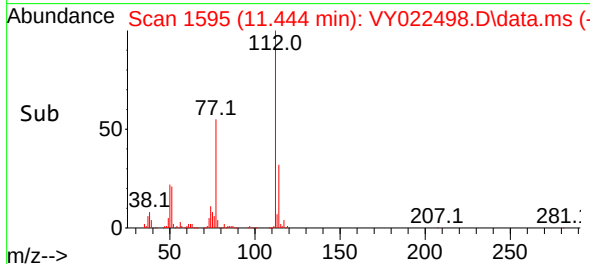
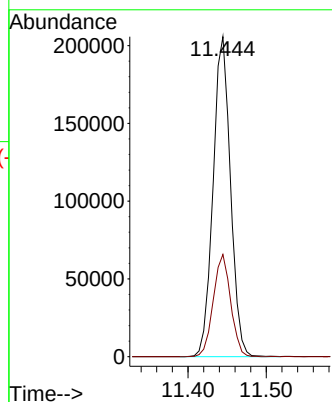
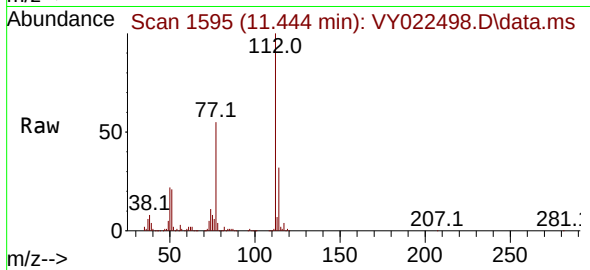
ICVVY060225

Tgt Ion:112 Resp: 317533

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 45.464 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

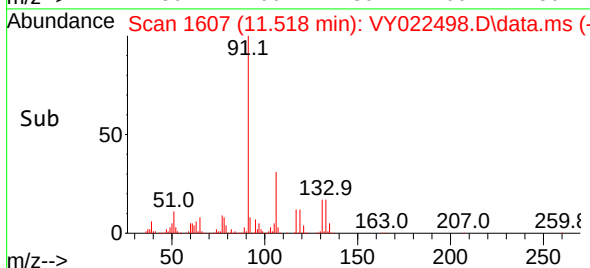
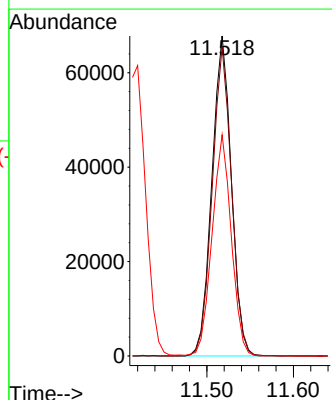
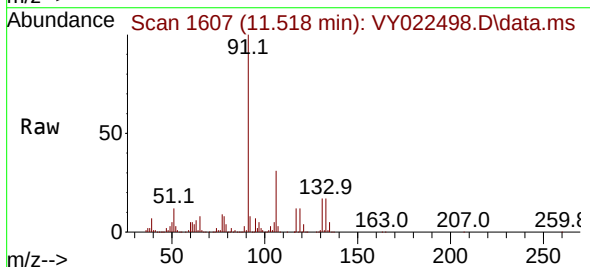
Tgt Ion:131 Resp: 105830

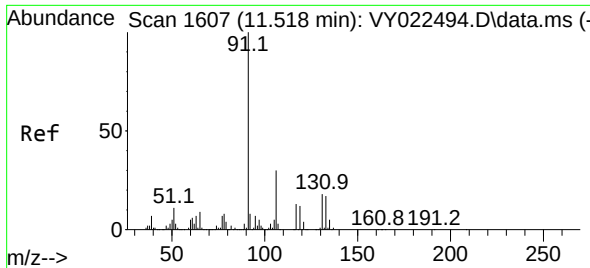
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.8

119 68.3 33.1 99.3

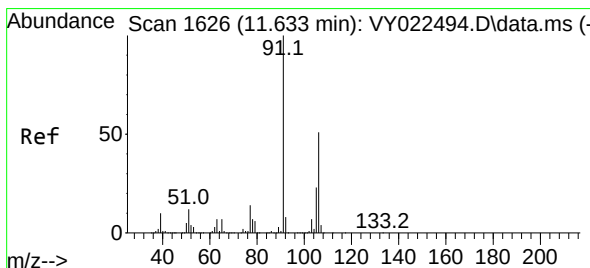
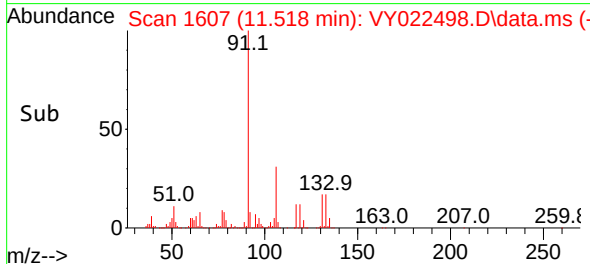
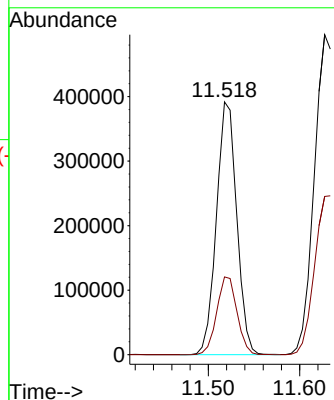
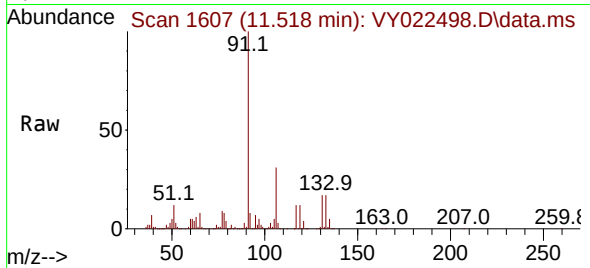




#67
Ethyl Benzene
Concen: 47.248 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

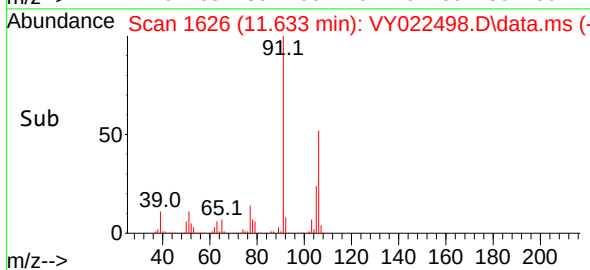
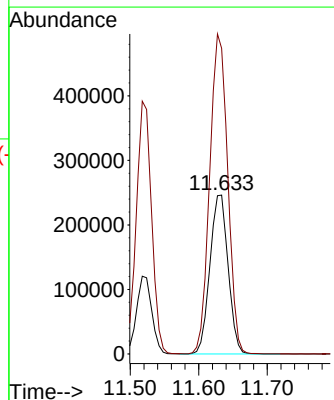
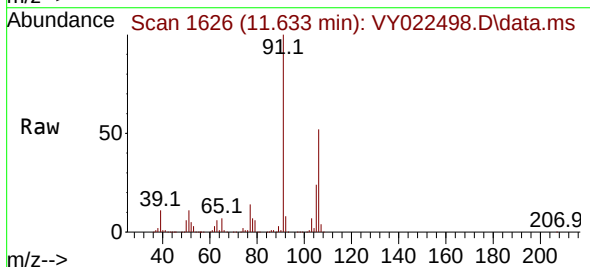
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

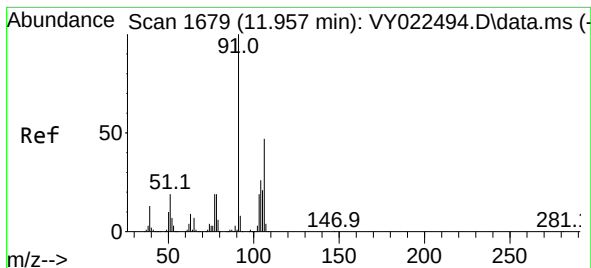
Tgt Ion: 91 Resp: 605560
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 93.473 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 106 Resp: 454148
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.0

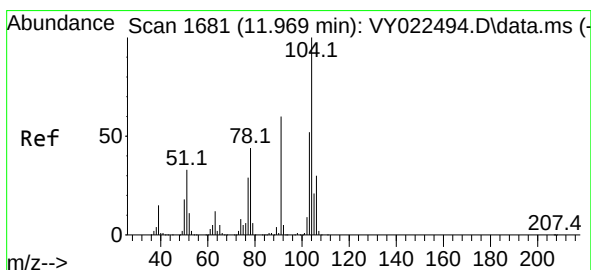
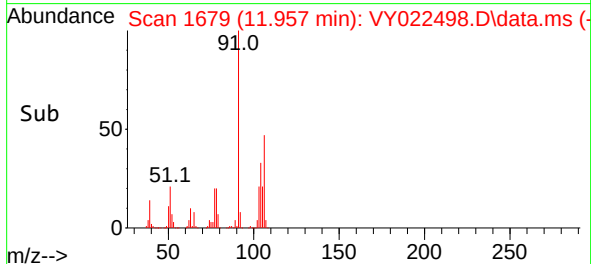
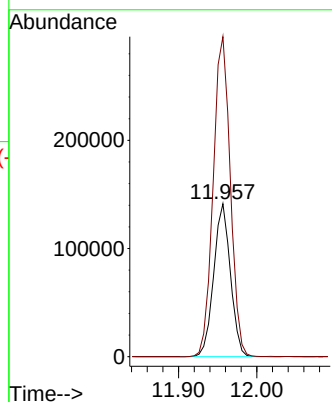
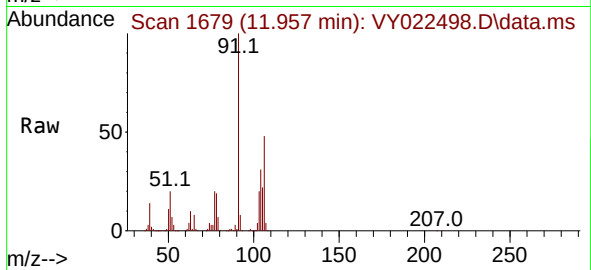




#69
o-Xylene
Concen: 45.959 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

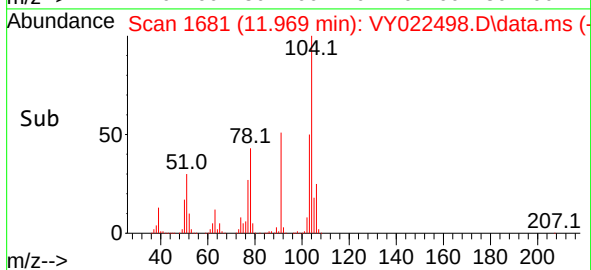
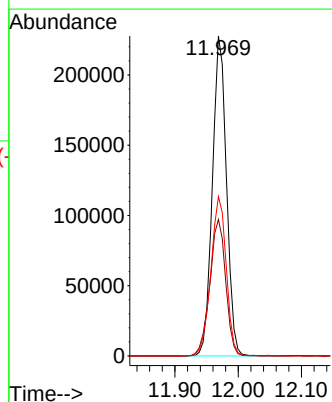
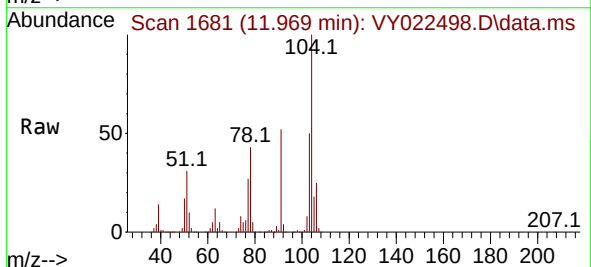
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

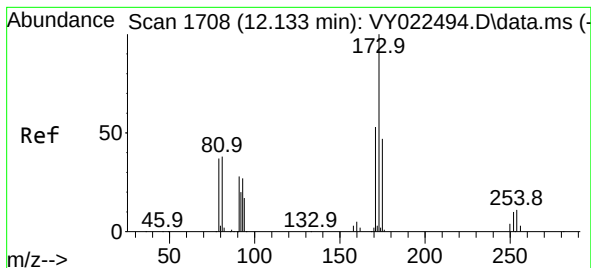
Tgt Ion:106 Resp: 209354
Ion Ratio Lower Upper
106 100
91 214.9 105.8 317.3



#70
Styrene
Concen: 46.815 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion:104 Resp: 352505
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 54.4 44.1 66.1





#71

Bromoform

Concen: 44.852 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060225

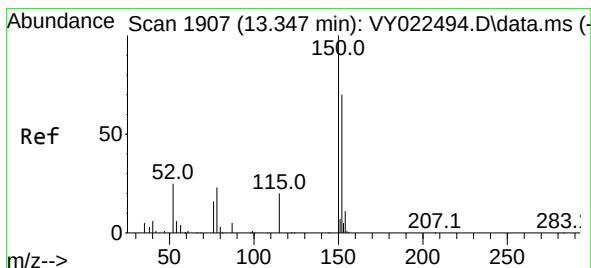
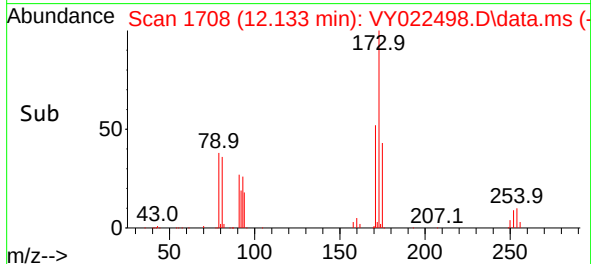
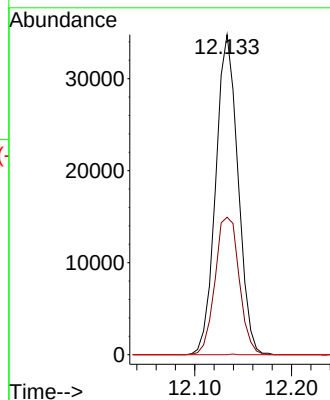
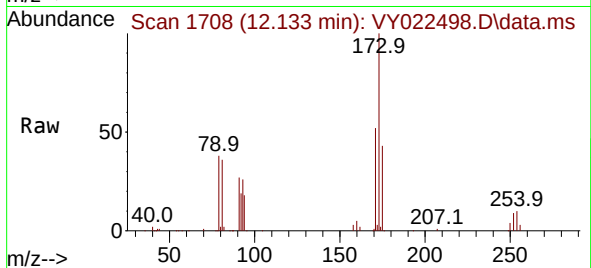
Tgt Ion:173 Resp: 55559

Ion Ratio Lower Upper

173 100

175 46.5 23.8 71.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

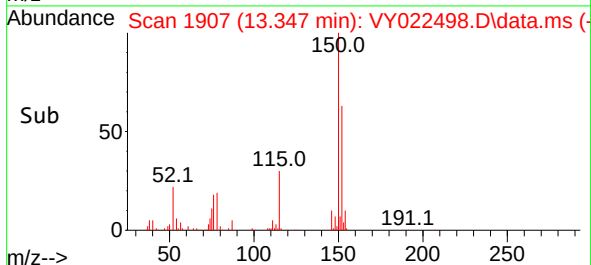
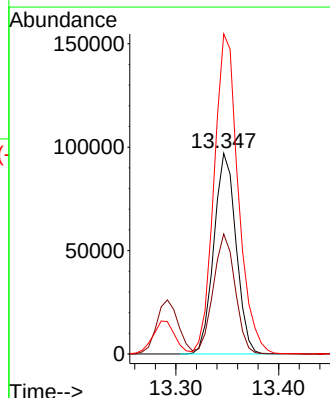
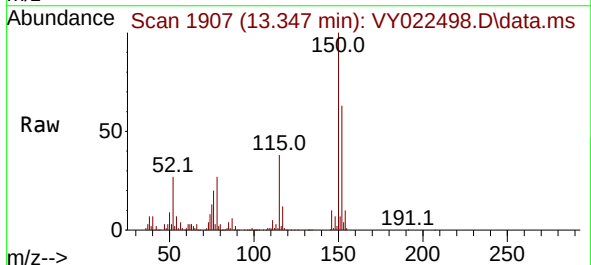
Tgt Ion:152 Resp: 145254

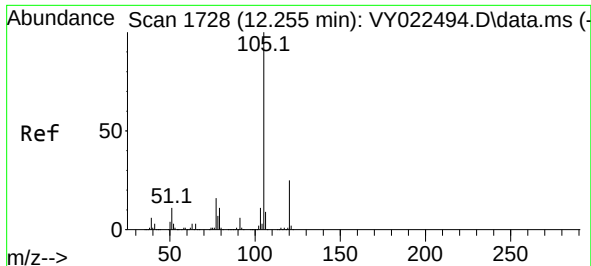
Ion Ratio Lower Upper

152 100

115 59.1 28.9 86.7

150 174.0 0.0 349.6

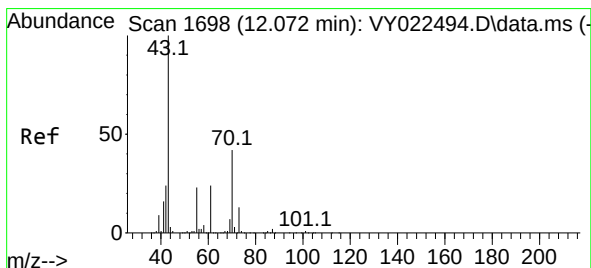
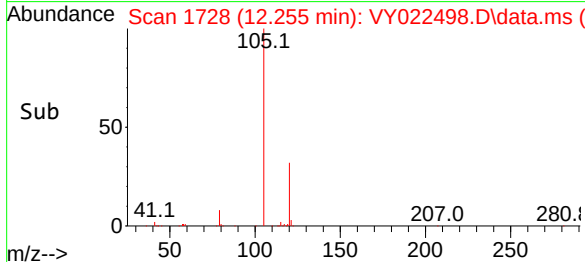
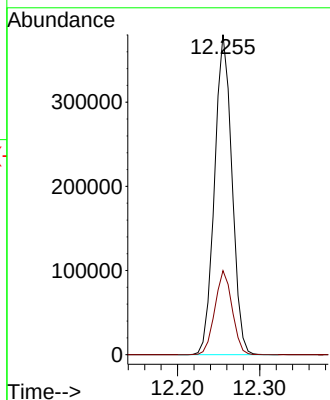
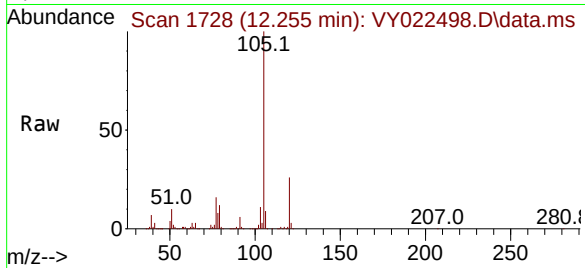




#73
Isopropylbenzene
Concen: 46.933 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

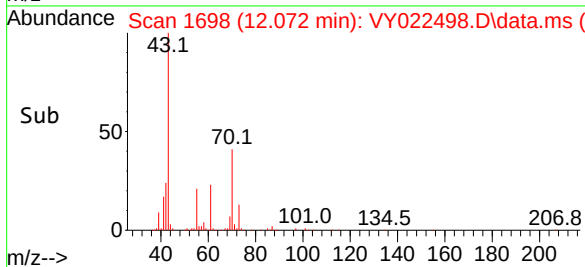
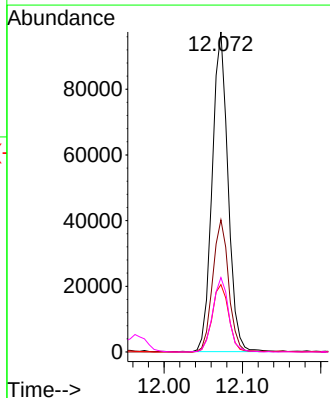
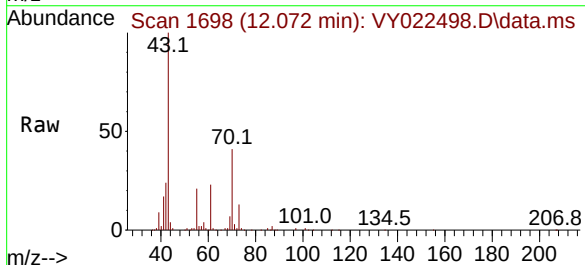
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY060225

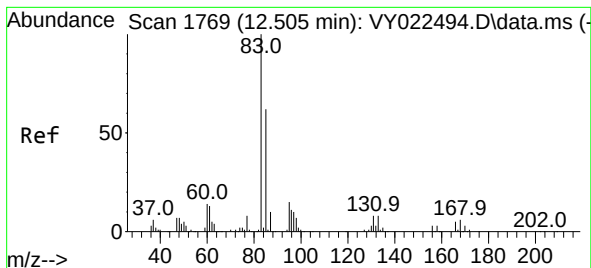
Tgt Ion:105 Resp: 559690
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 45.502 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 43 Resp: 136915
Ion Ratio Lower Upper
43 100
70 41.8 34.2 51.2
55 22.1 18.2 27.4
61 23.3 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 44.656 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVY060225

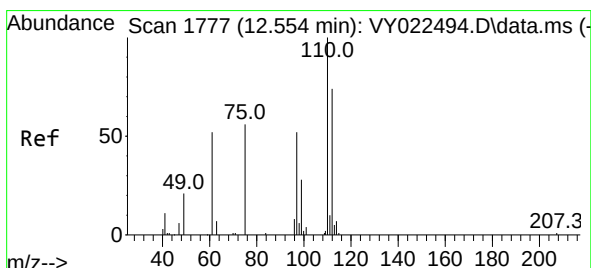
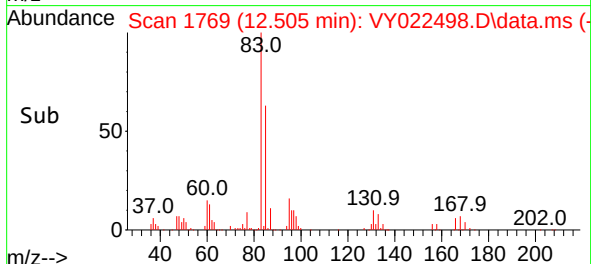
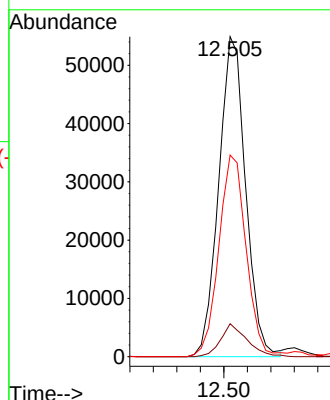
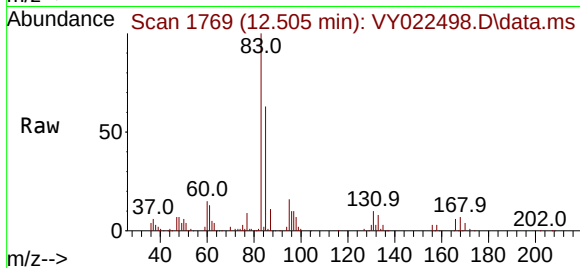
Tgt Ion: 83 Resp: 87402

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 73.772 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022498.D

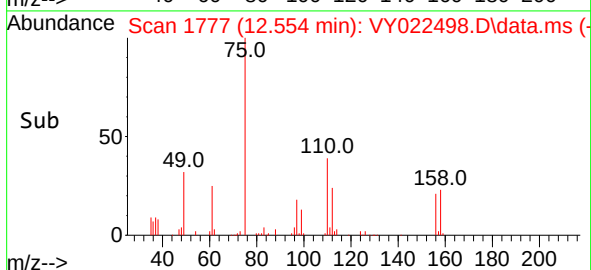
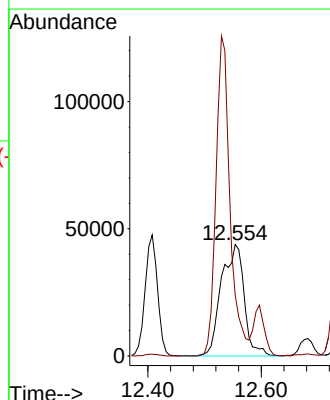
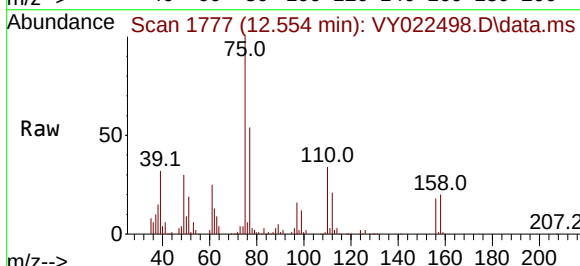
Acq: 02 Jun 2025 14:59

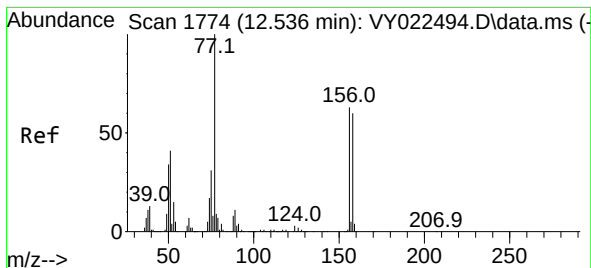
Tgt Ion: 75 Resp: 122591

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.607 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

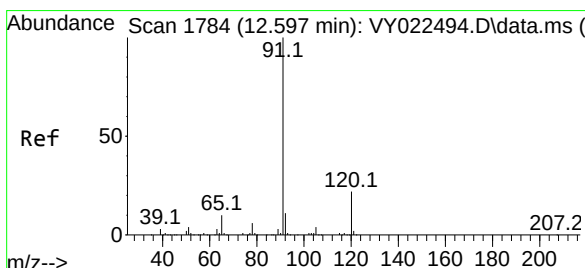
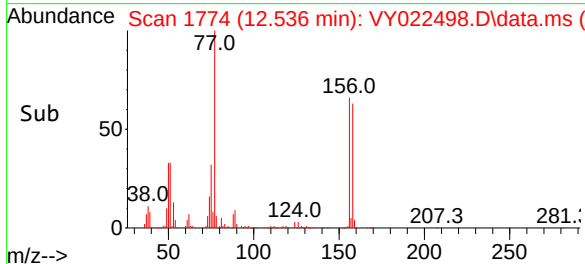
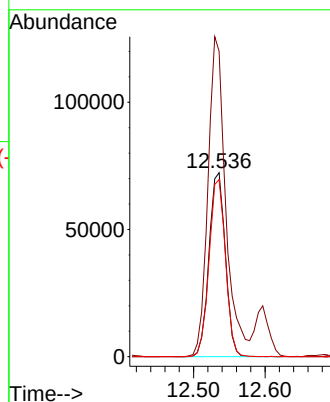
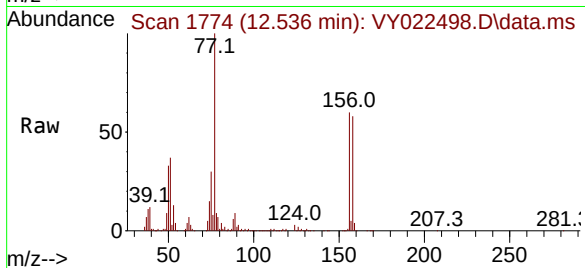
Tgt Ion:156 Resp: 114771

Ion Ratio Lower Upper

156 100

77 189.1 94.0 282.1

158 96.4 48.2 144.6



#78

n-propylbenzene

Concen: 46.696 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022498.D

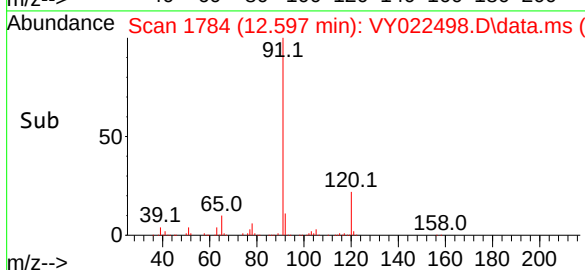
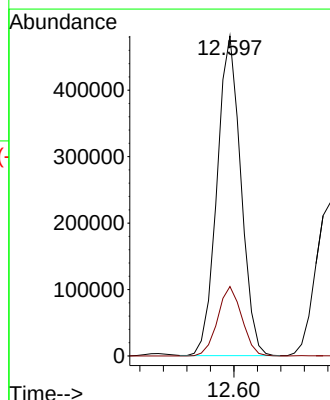
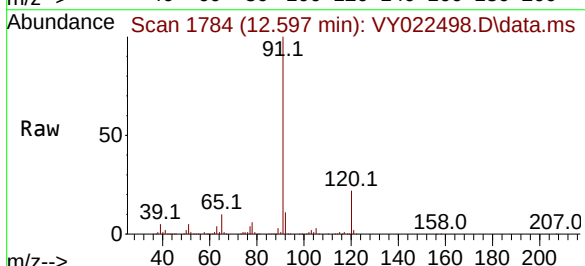
Acq: 02 Jun 2025 14:59

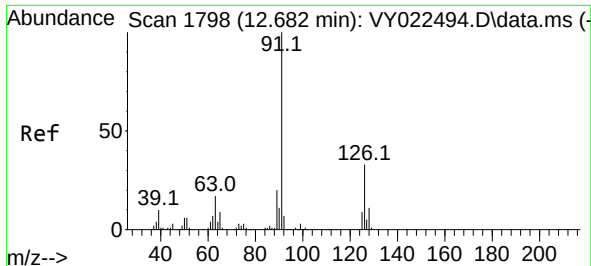
Tgt Ion: 91 Resp: 680155

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 46.472 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

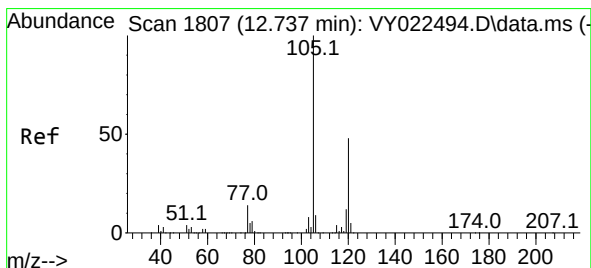
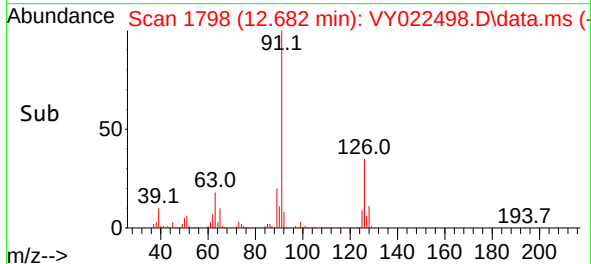
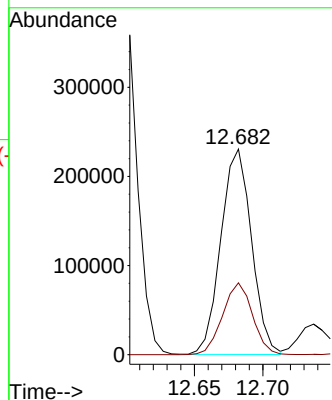
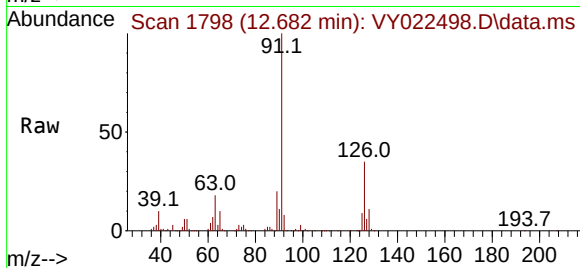
ICVY060225

Tgt Ion: 91 Resp: 358756

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 46.876 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022498.D

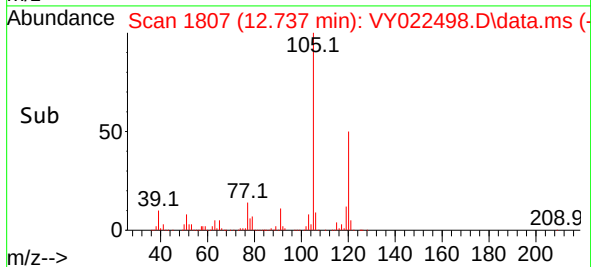
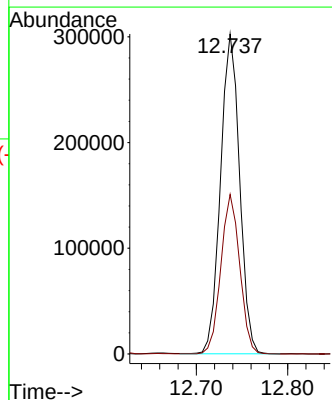
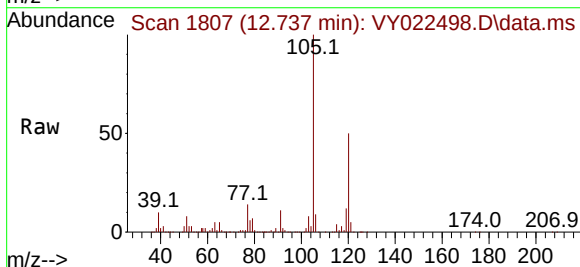
Acq: 02 Jun 2025 14:59

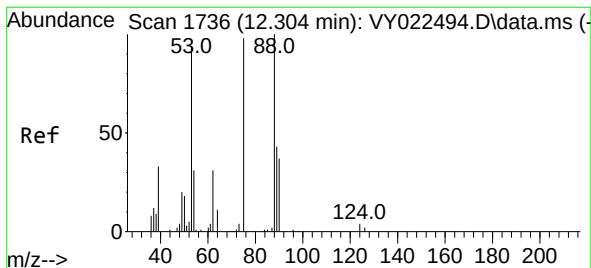
Tgt Ion: 105 Resp: 438873

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.4

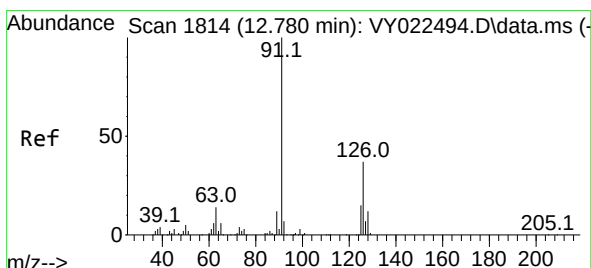
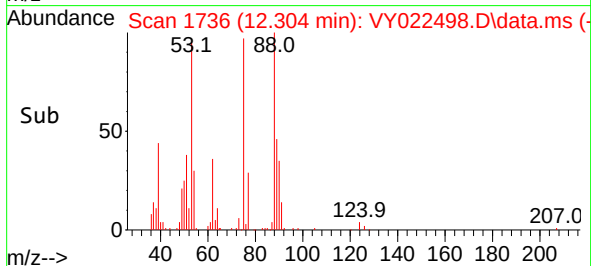
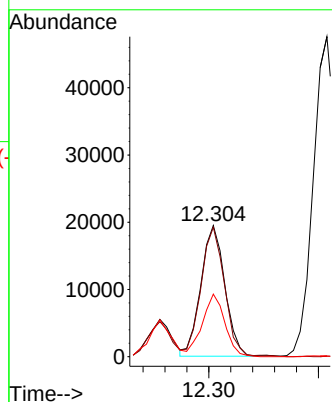
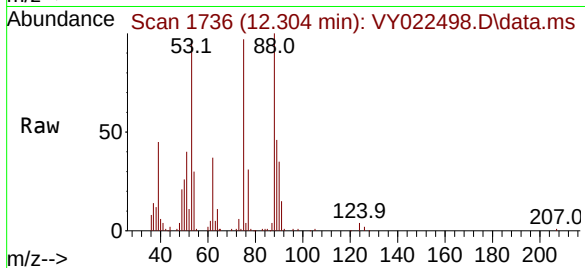




#81
trans-1,4-Dichloro-2-butene
Concen: 42.968 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

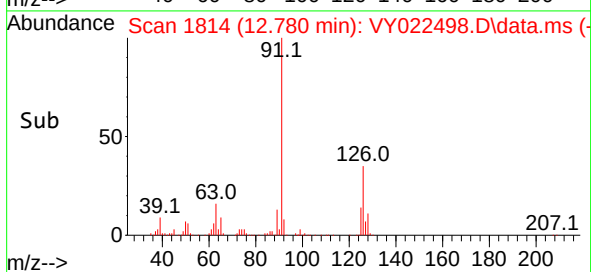
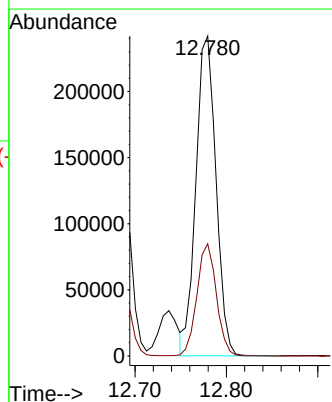
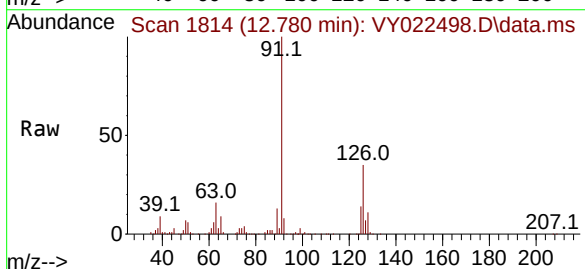
Instrument :
MSVOA_Y
ClientSampleId :
ICVY060225

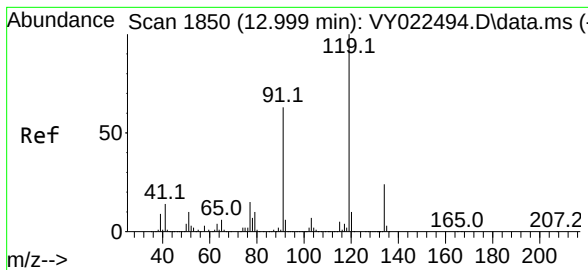
Tgt Ion: 75 Resp: 29567
Ion Ratio Lower Upper
75 100
53 97.8 78.5 117.7
89 44.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 46.289 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022498.D
Acq: 02 Jun 2025 14:59

Tgt Ion: 91 Resp: 368631
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

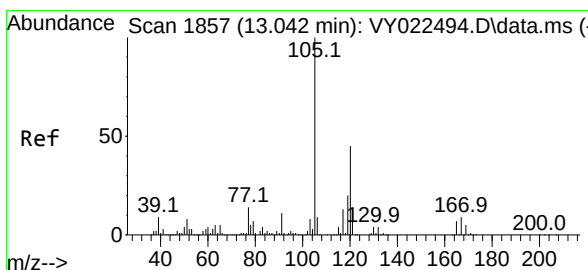
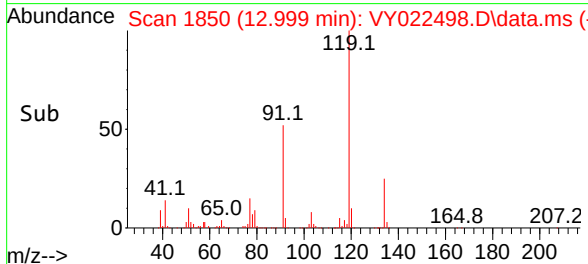
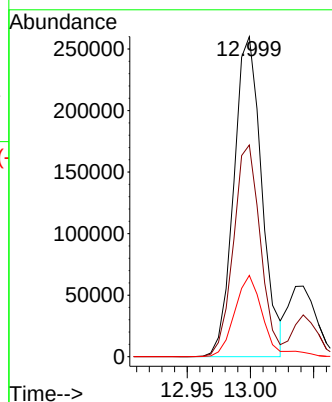
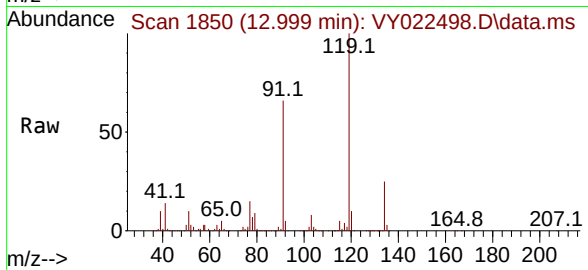




#83
 tert-Butylbenzene
 Concen: 47.655 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

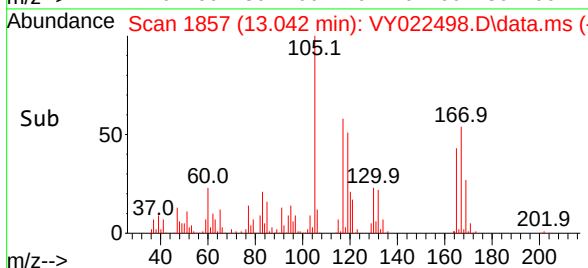
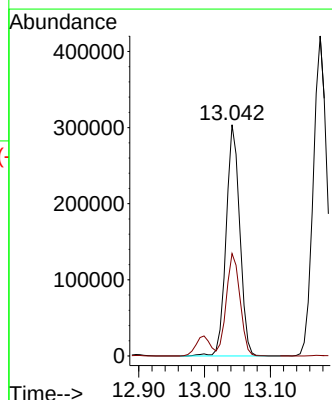
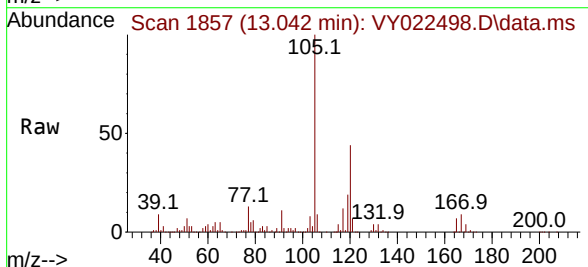
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

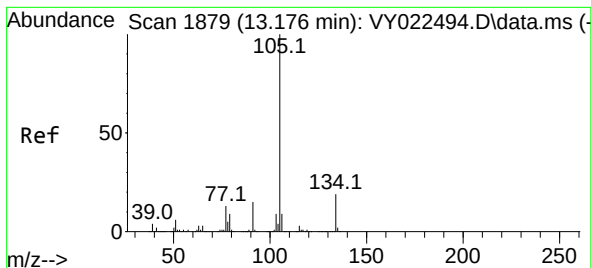
Tgt Ion:119 Resp: 400440
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.3
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 46.735 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

Tgt Ion:105 Resp: 437631
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 47.241 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

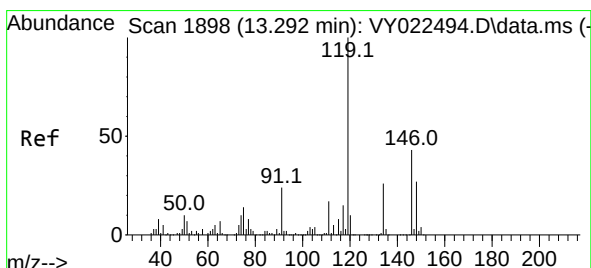
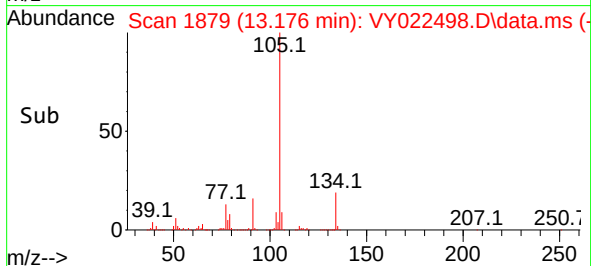
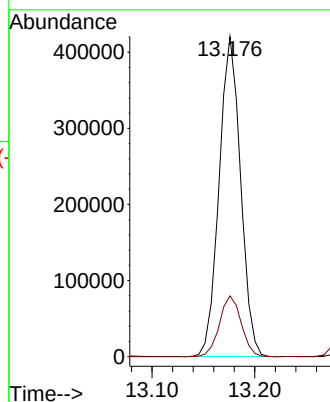
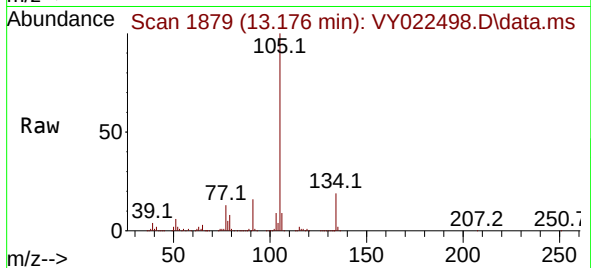
ICVY060225

Tgt Ion:105 Resp: 607968

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 47.321 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

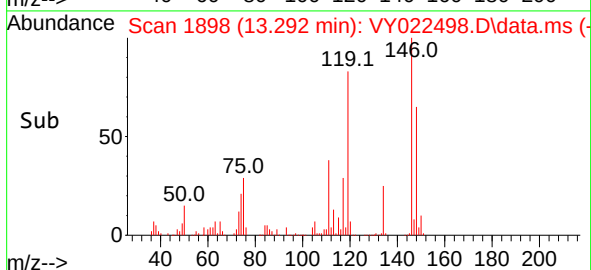
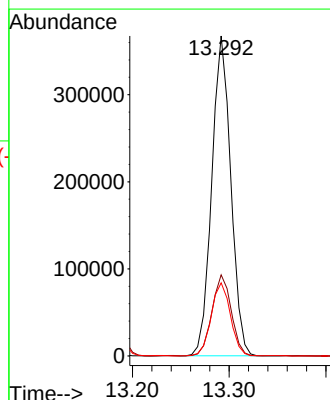
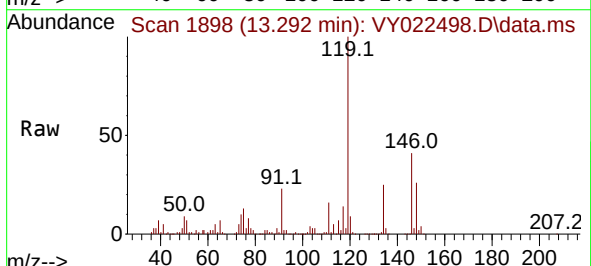
Tgt Ion:119 Resp: 501979

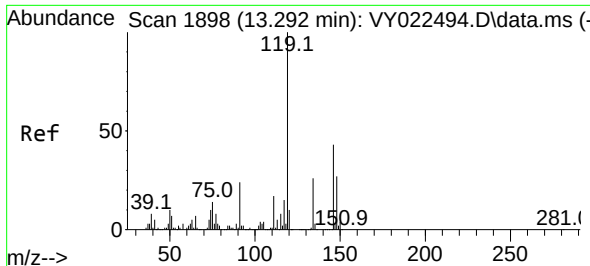
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 45.932 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

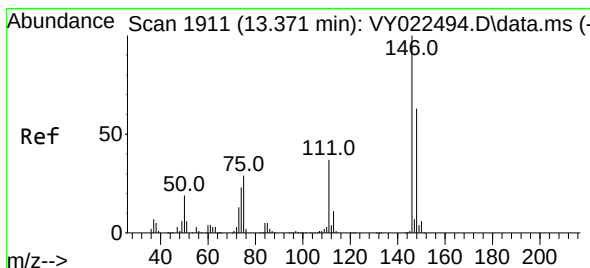
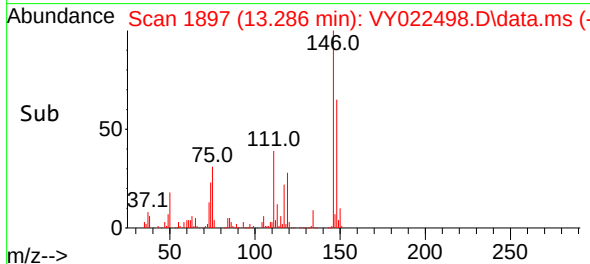
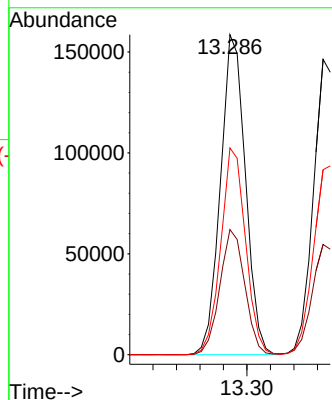
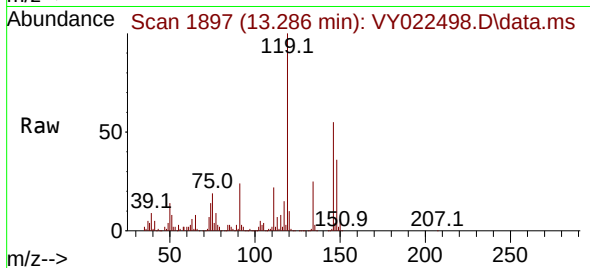
Tgt Ion:146 Resp: 234193

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.2

148 64.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 45.113 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

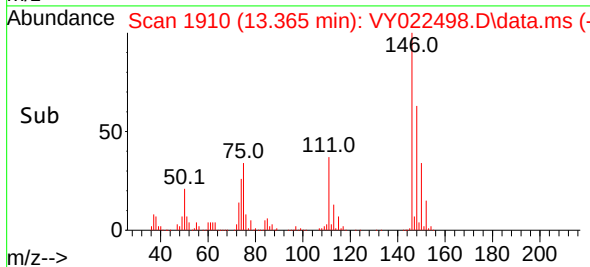
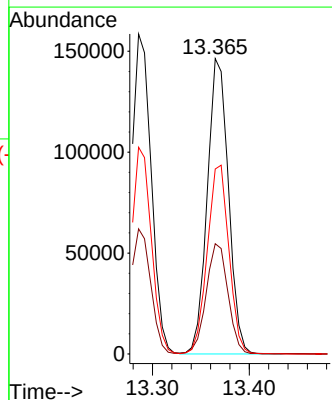
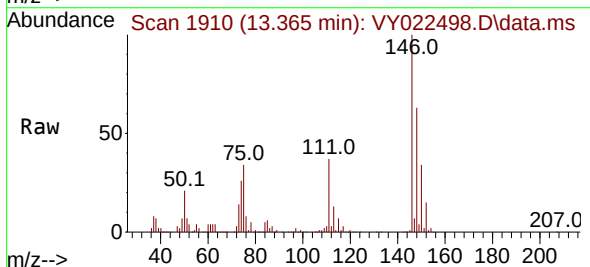
Tgt Ion:146 Resp: 223096

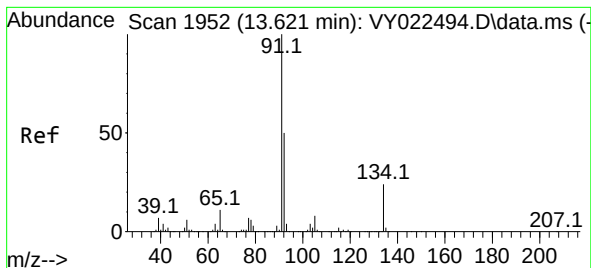
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 65.3 31.6 94.8





#89

n-Butylbenzene

Concen: 47.968 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

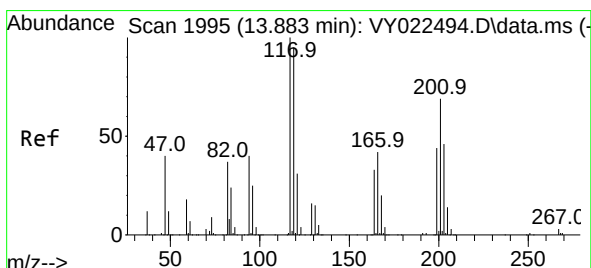
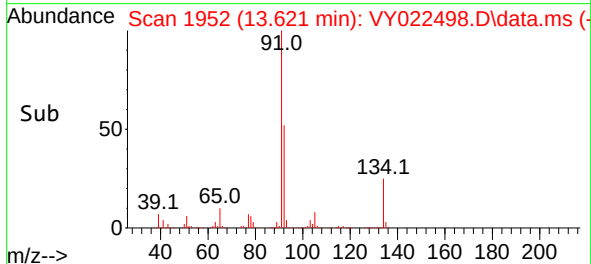
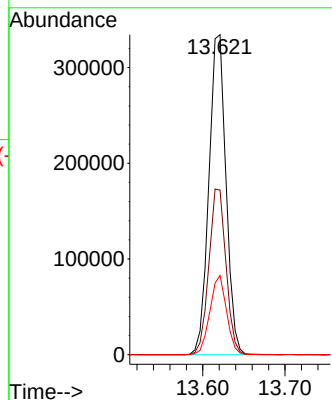
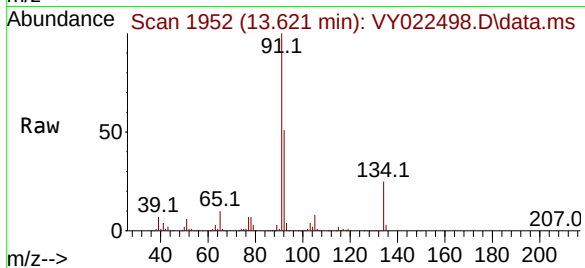
Tgt Ion: 91 Resp: 482774

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 47.101 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022498.D

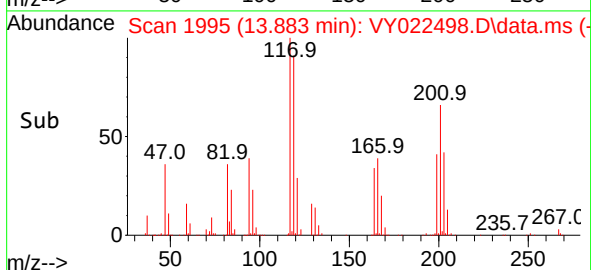
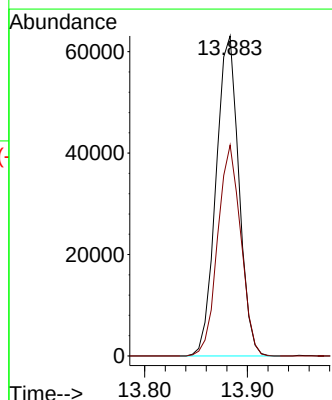
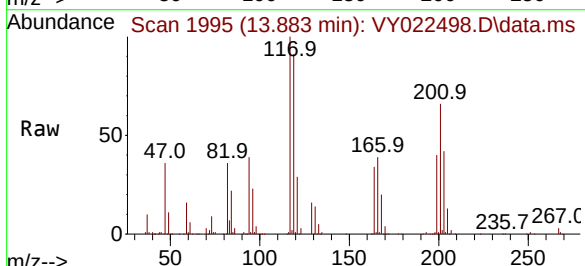
Acq: 02 Jun 2025 14:59

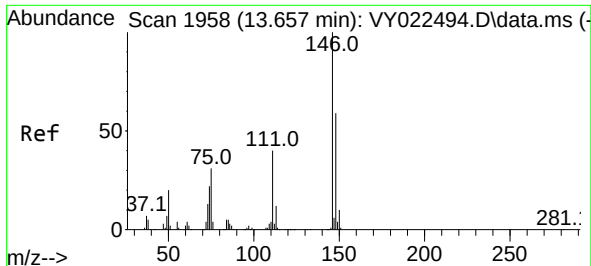
Tgt Ion: 117 Resp: 97273

Ion Ratio Lower Upper

117 100

201 66.8 34.0 102.0

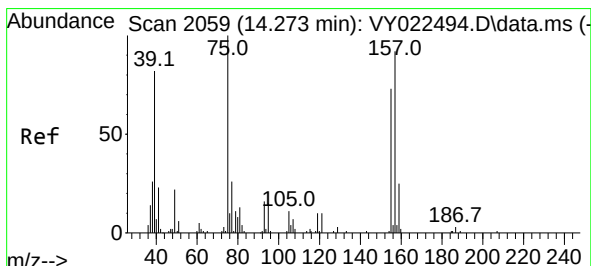
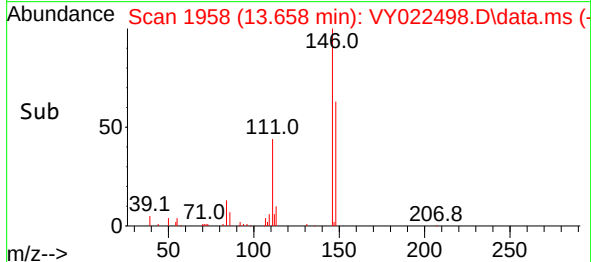
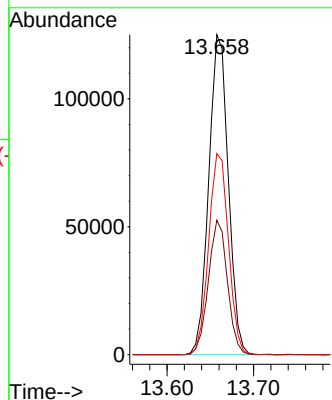
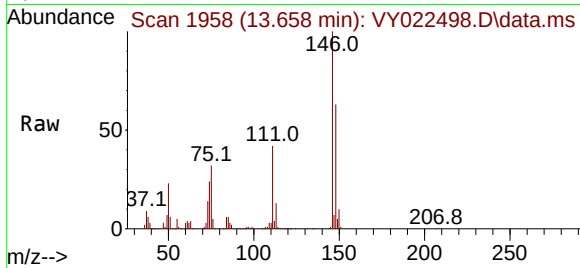




#91
 1,2-Dichlorobenzene
 Concen: 45.213 ug/l
 RT: 13.658 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

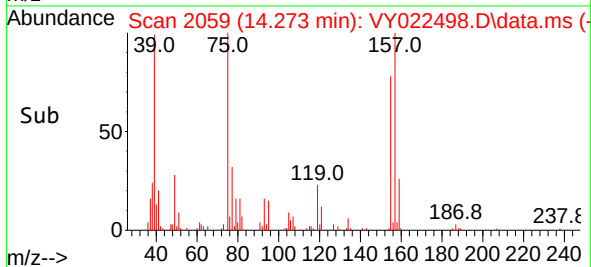
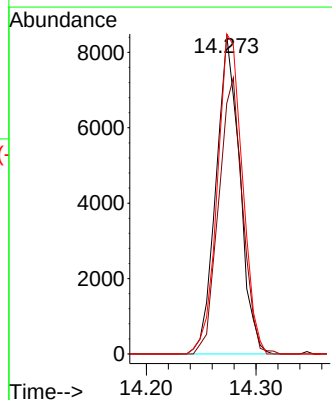
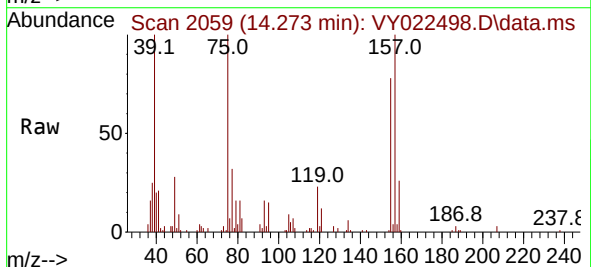
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

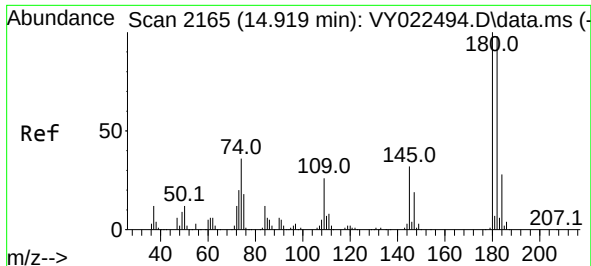
Tgt Ion:146 Resp: 195728
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.2 60.6
 148 63.8 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.665 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

Tgt Ion: 75 Resp: 12728
 Ion Ratio Lower Upper
 75 100
 155 87.1 39.9 119.6
 157 105.8 54.0 162.0

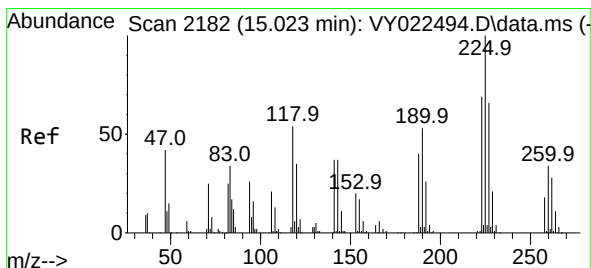
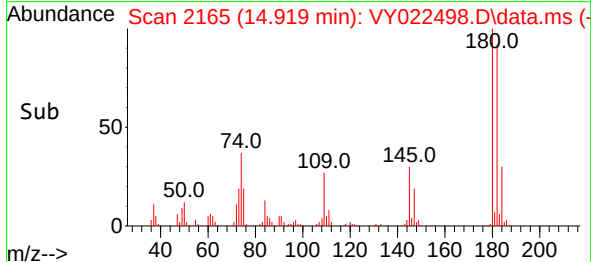
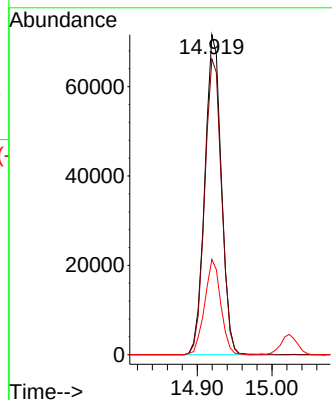
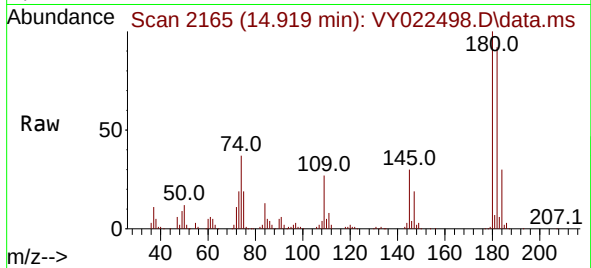




#93
 1,2,4-Trichlorobenzene
 Concen: 46.481 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

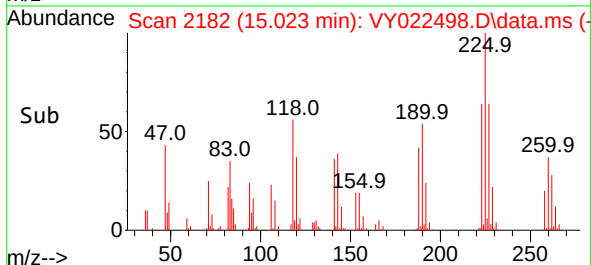
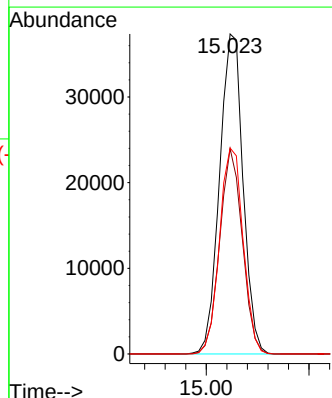
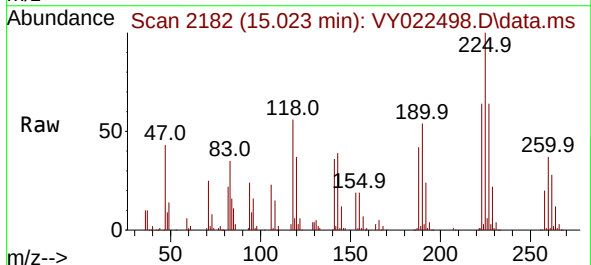
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060225

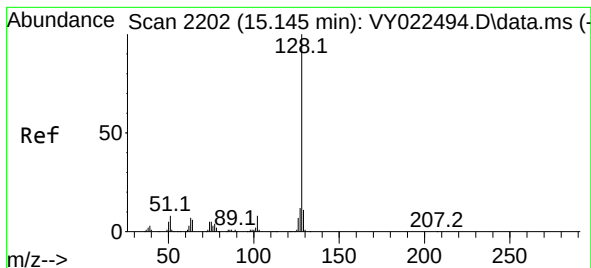
Tgt Ion:180 Resp: 109742
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.3
 145 29.1 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 45.457 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY022498.D
 Acq: 02 Jun 2025 14:59

Tgt Ion:225 Resp: 59236
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.5 97.4
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 45.009 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY060225

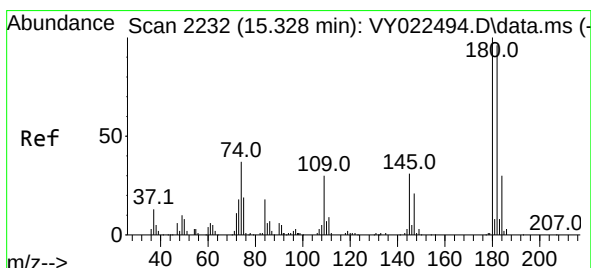
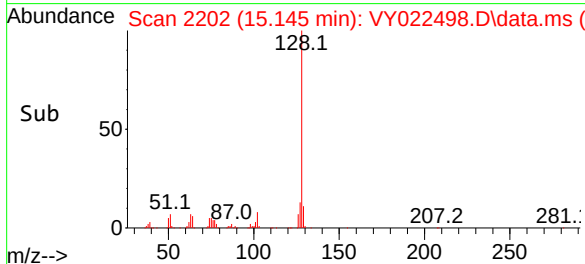
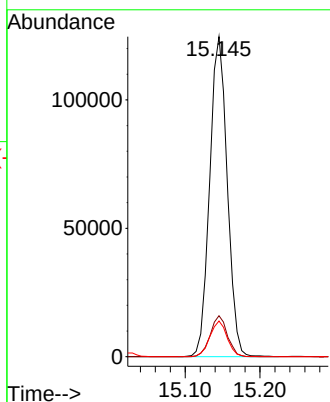
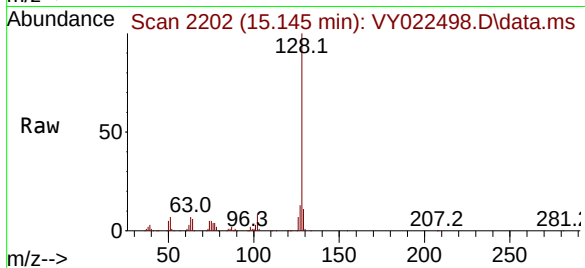
Tgt Ion:128 Resp: 203925

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.331 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022498.D

Acq: 02 Jun 2025 14:59

Tgt Ion:180 Resp: 89699

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 31.8 15.2 45.6

