

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023992.D
 Acq On : 16 Dec 2025 16:24
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121625

Quant Time: Dec 17 04:14:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 04:12:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	504879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	706310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	624799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	326501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	179021	46.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.840%
35) Dibromofluoromethane	7.640	113	199370	47.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.340%
50) Toluene-d8	10.109	98	716363	46.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.407	95	242427	48.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	145410	44.889	ug/l	95
3) Chloromethane	2.074	50	194779	51.372	ug/l	100
4) Vinyl Chloride	2.214	62	242682	50.663	ug/l	98
5) Bromomethane	2.604	94	197045	46.351	ug/l	99
6) Chloroethane	2.744	64	169282	50.170	ug/l	98
7) Trichlorofluoromethane	3.067	101	368331	48.171	ug/l	99
8) Diethyl Ether	3.464	74	105421	51.594	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.823	101	216142	47.166	ug/l	99
10) Methyl Iodide	4.012	142	268058	40.360	ug/l	98
11) Tert butyl alcohol	4.872	59	65254	292.134	ug/l	98
12) 1,1-Dichloroethene	3.799	96	206094	49.623	ug/l	98
13) Acrolein	3.665	56	94198	251.507	ug/l	97
14) Allyl chloride	4.390	41	253179	50.328	ug/l	99
15) Acrylonitrile	5.067	53	219599	276.665	ug/l	100
16) Acetone	3.878	43	253712	220.696	ug/l	99
17) Carbon Disulfide	4.116	76	552894	53.198	ug/l	100
18) Methyl Acetate	4.390	43	99328	57.632	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	528308	53.541	ug/l	97
20) Methylene Chloride	4.622	84	221440	42.228	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	226505	50.185	ug/l	96
22) Diisopropyl ether	6.024	45	595983	51.299	ug/l	97
23) Vinyl Acetate	5.969	43	1711799	270.677	ug/l	99
24) 1,1-Dichloroethane	5.927	63	372225	49.239	ug/l	98
25) 2-Butanone	6.902	43	298063	254.491	ug/l	97
26) 2,2-Dichloropropane	6.896	77	334074	47.356	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	270882	50.667	ug/l	98
28) Bromochloromethane	7.256	49	152318	50.487	ug/l	100
29) Tetrahydrofuran	7.268	42	170992	288.363	ug/l	97
30) Chloroform	7.426	83	410623	48.962	ug/l	99
31) Cyclohexane	7.707	56	323261	48.400	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	379692	48.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	285154	49.220	ug/l	99
37) Ethyl Acetate	6.994	43	124630	56.828	ug/l	99
38) Carbon Tetrachloride	7.829	117	348515	48.024	ug/l	95
39) Methylcyclohexane	9.115	83	386724	50.064	ug/l	97
40) Benzene	8.085	78	889545	50.077	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	66642	52.637	ug/l	93
42) 1,2-Dichloroethane	8.164	62	232046	50.700	ug/l	99
43) Isopropyl Acetate	8.201	43	238916	56.318	ug/l #	86
44) Trichloroethene	8.871	130	260991	49.857	ug/l	99
45) 1,2-Dichloropropane	9.146	63	197424	49.493	ug/l	100
46) Dibromomethane	9.237	93	125746	52.569	ug/l	98
47) Bromodichloromethane	9.426	83	315672	50.864	ug/l	97
48) Methyl methacrylate	9.225	41	112631	52.727	ug/l	97
49) 1,4-Dioxane	9.237	88	29467	1131.009	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	641452	288.859	ug/l	99
52) Toluene	10.176	92	605362	48.955	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	280738	53.223	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	330888	52.360	ug/l	98
55) 1,1,2-Trichloroethane	10.578	97	170844	52.000	ug/l	97
56) Ethyl methacrylate	10.444	69	213593	44.121	ug/l	99
57) 1,3-Dichloropropane	10.719	76	274763	52.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	471773	299.132	ug/l	99
59) 2-Hexanone	10.761	43	464221	278.176	ug/l	100
60) Dibromochloromethane	10.914	129	238729	51.667	ug/l	100
61) 1,2-Dibromoethane	11.017	107	162974	53.572	ug/l	99
64) Tetrachloroethene	10.651	164	305771	47.698	ug/l	99
65) Chlorobenzene	11.444	112	671944	48.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	238076	49.058	ug/l	99
67) Ethyl Benzene	11.523	91	1117892	49.975	ug/l	100
68) m/p-Xylenes	11.633	106	900613	100.241	ug/l	99
69) o-Xylene	11.956	106	425543	50.923	ug/l	99
70) Styrene	11.974	104	694948	51.812	ug/l	99
71) Bromoform	12.133	173	150550	52.000	ug/l #	98
73) Isopropylbenzene	12.255	105	1107097	49.226	ug/l	100
74) N-amyl acetate	12.072	43	208477	48.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	177939	52.221	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	240198	87.124	ug/l #	100
77) Bromobenzene	12.535	156	280268	49.578	ug/l	100
78) n-propylbenzene	12.596	91	1283550	49.798	ug/l	100
79) 2-Chlorotoluene	12.682	91	726529	49.239	ug/l	99
80) 1,3,5-Trimethylbenzene	12.736	105	891552	50.415	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	58747	52.008	ug/l	99
82) 4-Chlorotoluene	12.779	91	753520	49.739	ug/l	99
83) tert-Butylbenzene	12.999	119	829676	49.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	882907	50.496	ug/l	99
85) sec-Butylbenzene	13.175	105	1189378	49.635	ug/l	100
86) p-Isopropyltoluene	13.291	119	1011901	50.265	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	533594	49.057	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	522127	48.911	ug/l	99
89) n-Butylbenzene	13.620	91	882571	50.747	ug/l	100
90) Hexachloroethane	13.883	117	202968	48.292	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	468158	49.900	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28878	58.153	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	285342	53.465	ug/l	99
94) Hexachlorobutadiene	15.023	225	185932	49.762	ug/l	99
95) Naphthalene	15.145	128	480835	52.215	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	247558	55.273	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Dec 17 04:12:33 2025
Response via : Initial Calibration

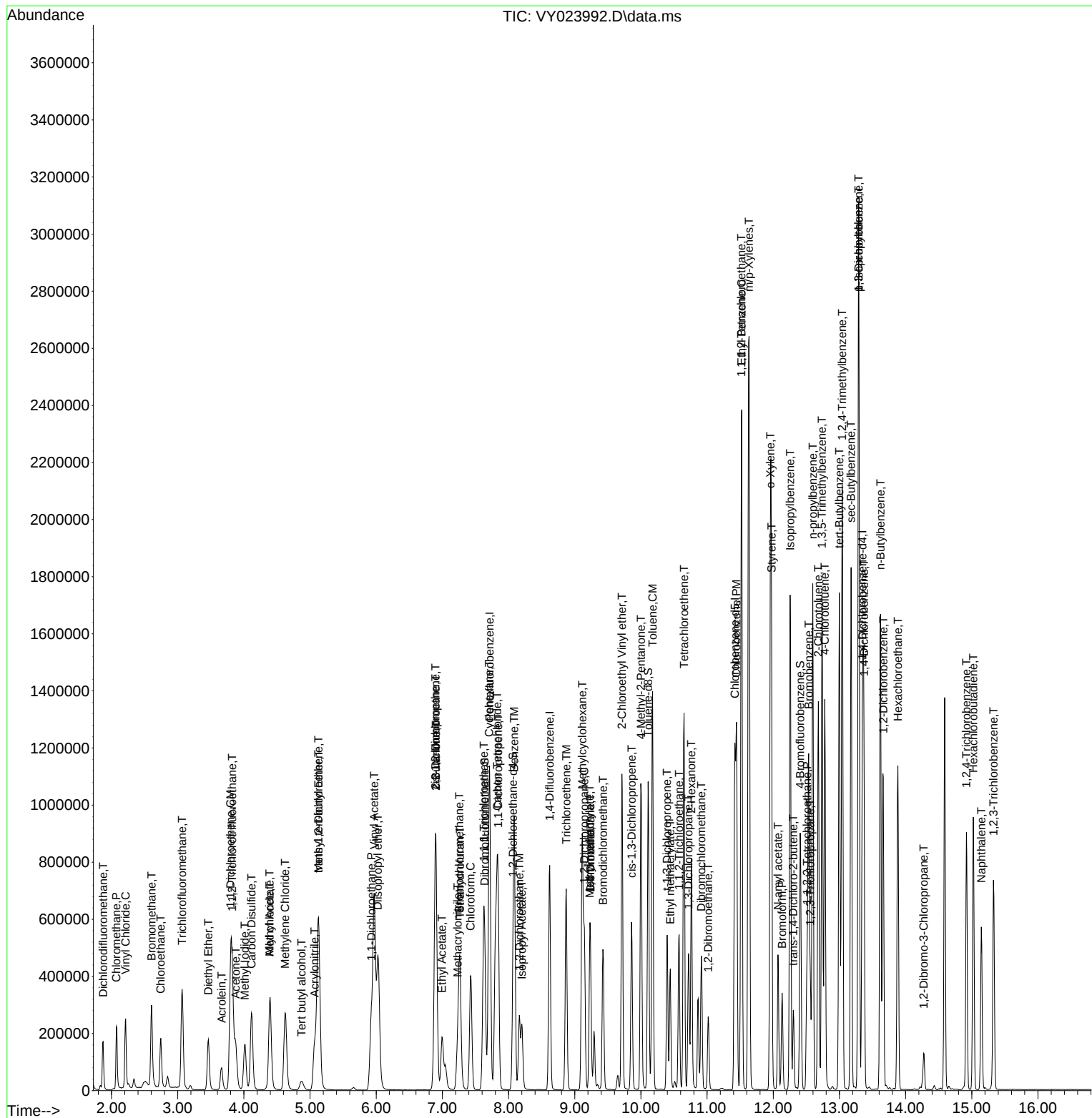
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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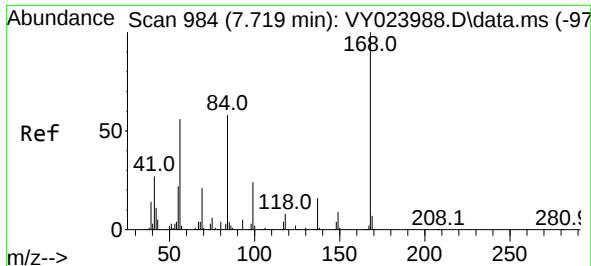
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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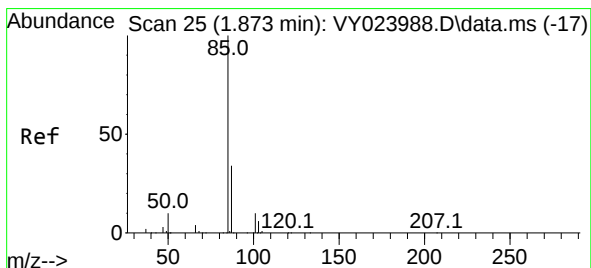
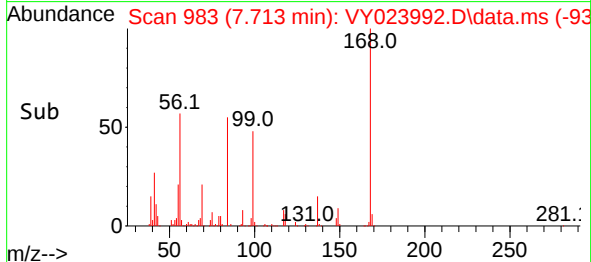
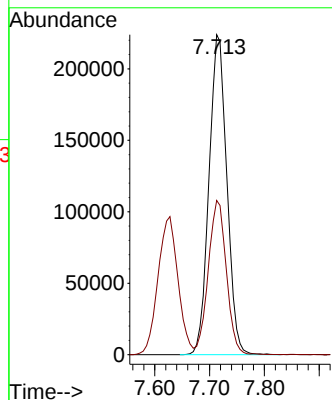
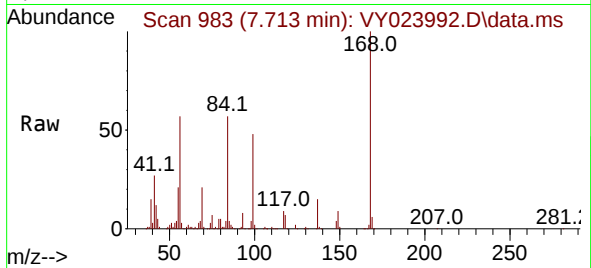




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023992.D
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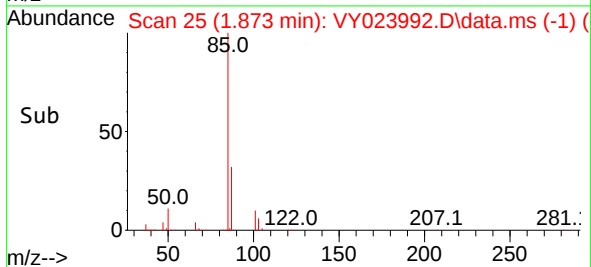
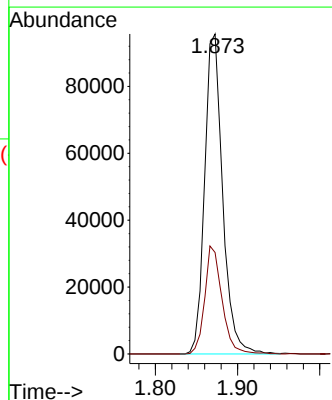
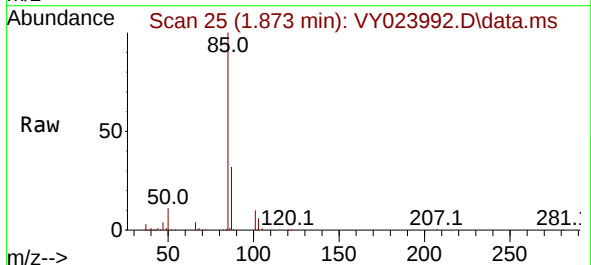
Instrument :
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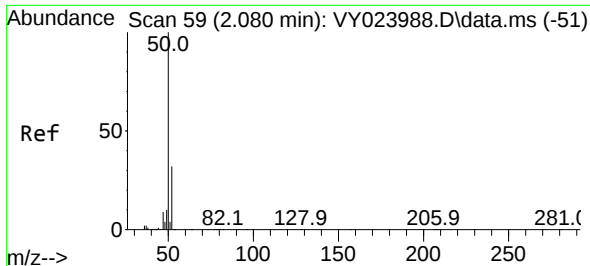
Tgt Ion:168 Resp: 504879
Ion Ratio Lower Upper
168 100
99 48.2 38.3 57.5



#2
Dichlorodifluoromethane
Concen: 44.889 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 85 Resp: 145410
Ion Ratio Lower Upper
85 100
87 31.7 17.3 51.7

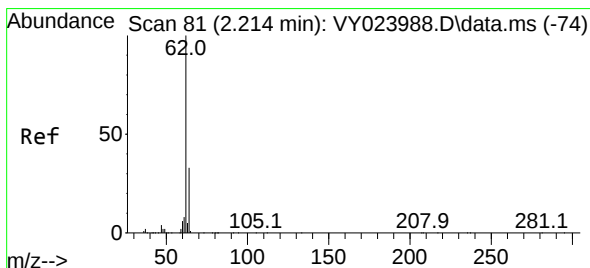
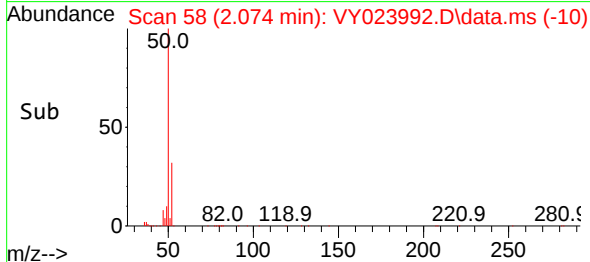
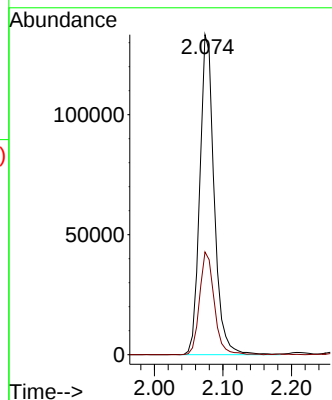
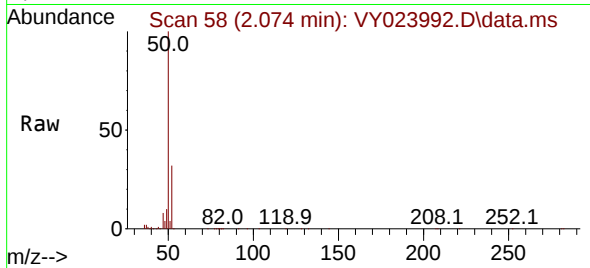




#3
Chloromethane
Concen: 51.372 ug/l
RT: 2.074 min Scan# 59
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

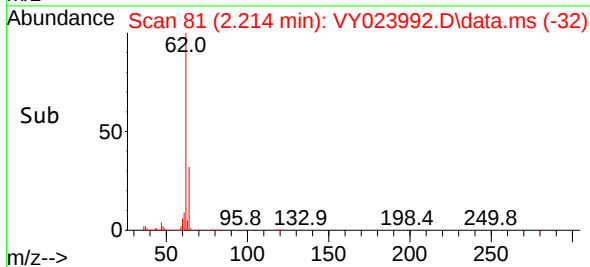
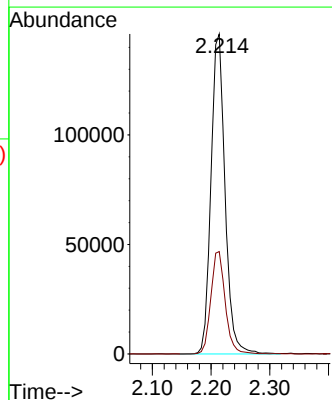
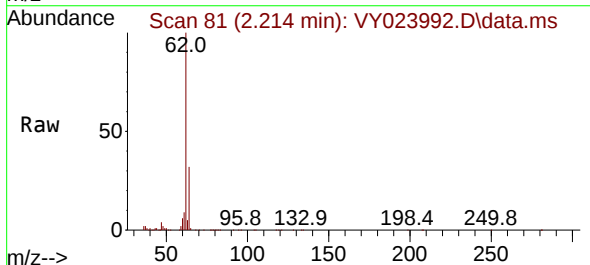
Instrument :
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ClientSampleId :
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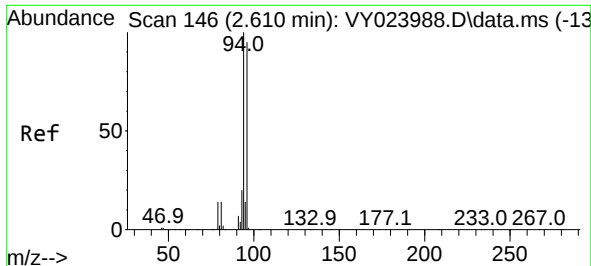
Tgt Ion: 50 Resp: 194779
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



#4
Vinyl Chloride
Concen: 50.663 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 62 Resp: 242682
Ion Ratio Lower Upper
62 100
64 32.0 26.6 40.0

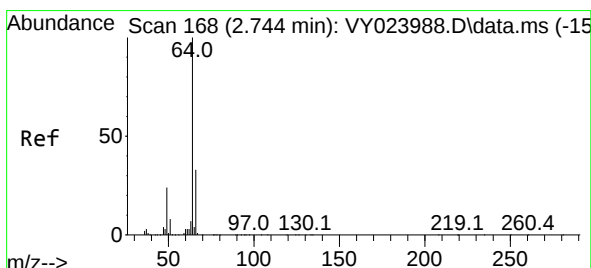
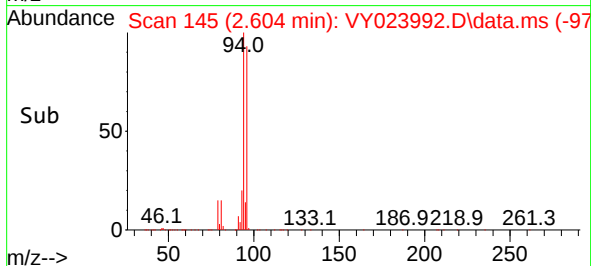
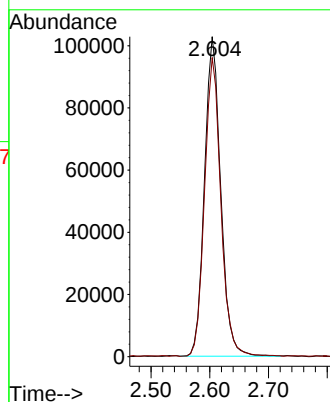
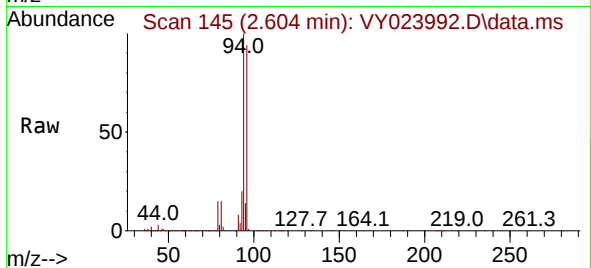




#5
Bromomethane
Concen: 46.351 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY023992.D
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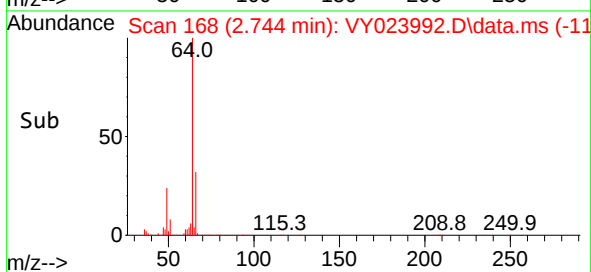
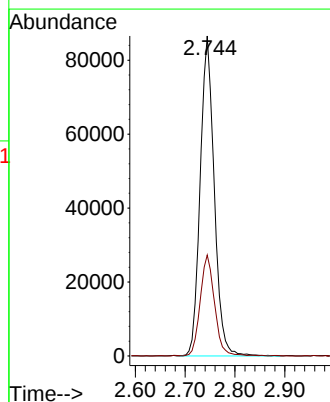
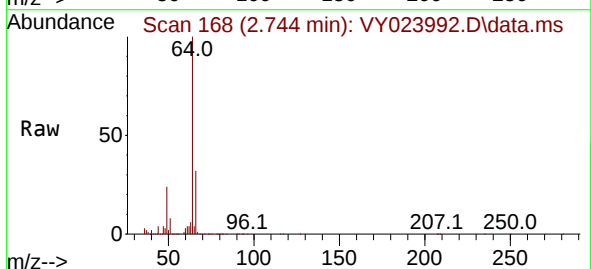
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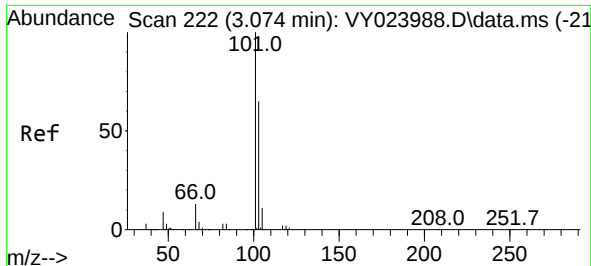
Tgt Ion: 94 Resp: 197045
Ion Ratio Lower Upper
94 100
96 93.6 75.6 113.4



#6
Chloroethane
Concen: 50.170 ug/l
RT: 2.744 min Scan# 168
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 64 Resp: 169282
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4

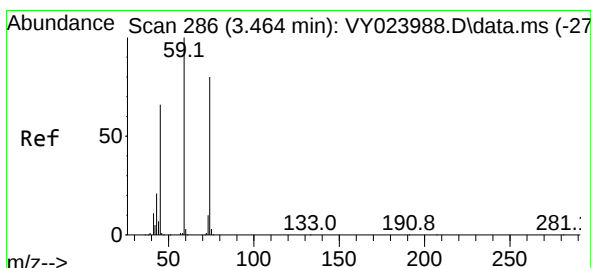
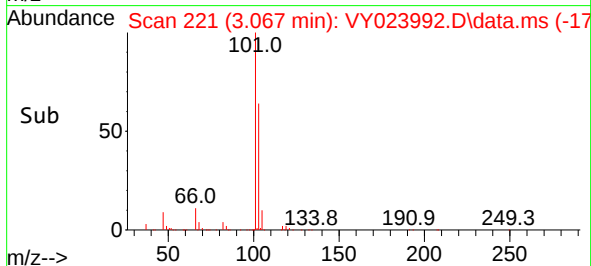
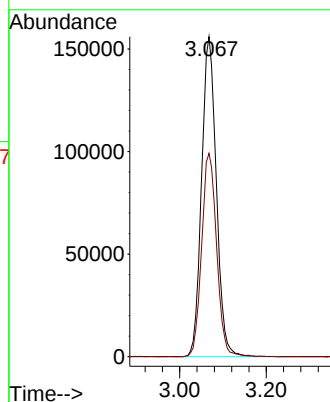
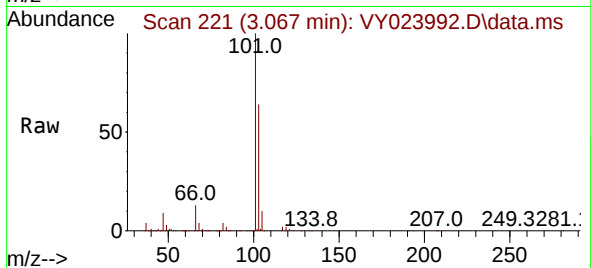




#7
Trichlorofluoromethane
Concen: 48.171 ug/l
RT: 3.067 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

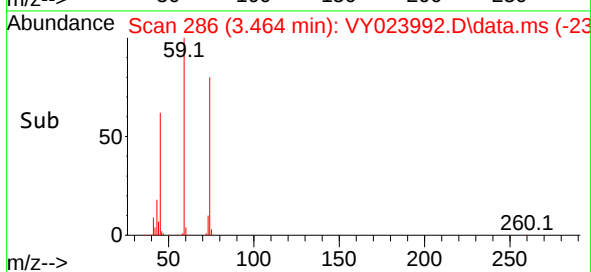
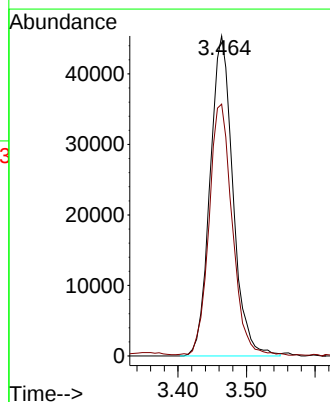
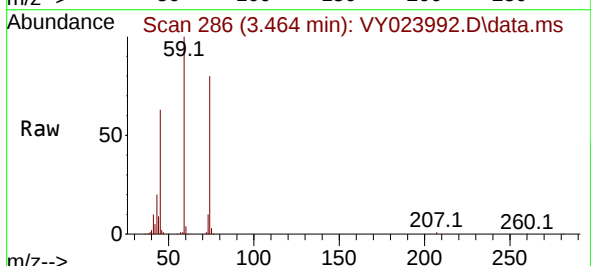
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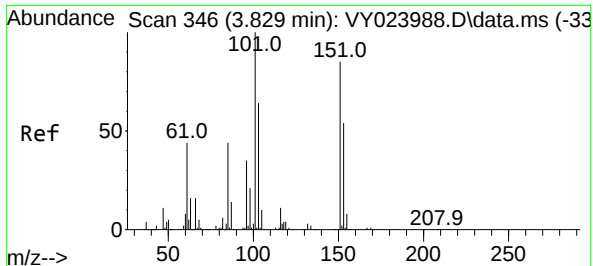
Tgt Ion:101 Resp: 368331
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6



#8
Diethyl Ether
Concen: 51.594 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 74 Resp: 105421
Ion Ratio Lower Upper
74 100
45 79.9 39.9 119.7

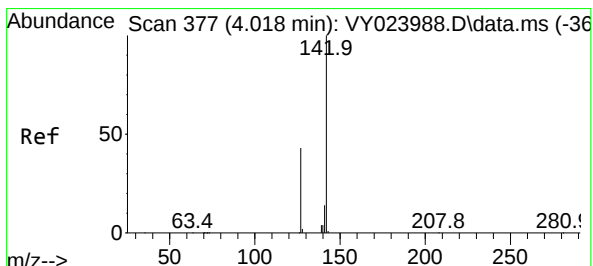
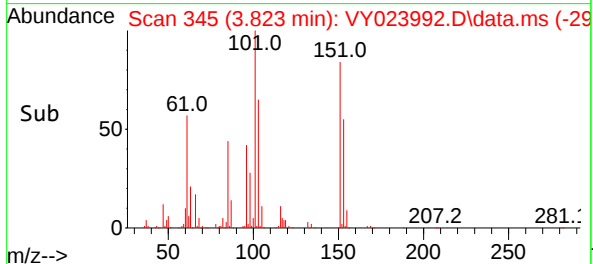
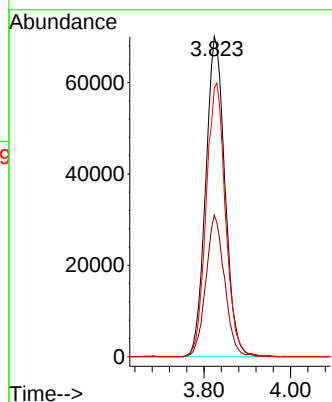
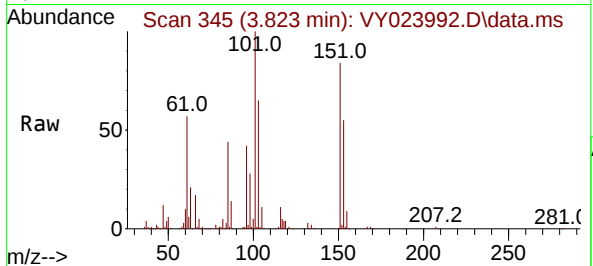




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.166 ug/l
RT: 3.823 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

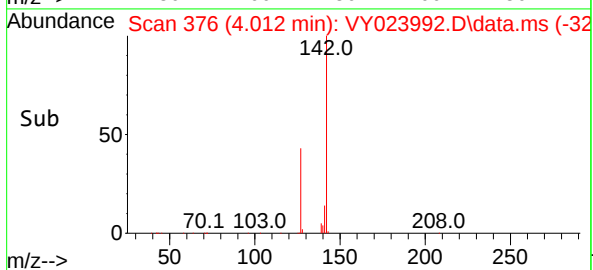
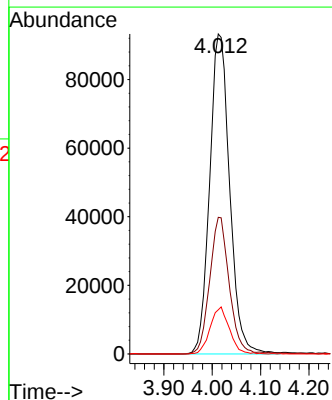
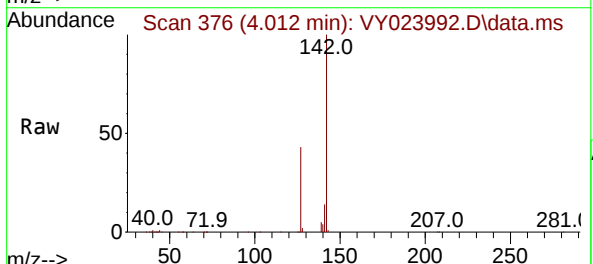
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

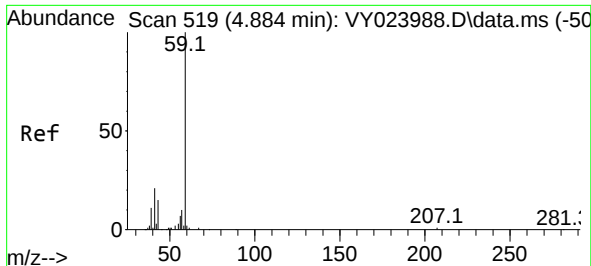
Tgt Ion:101 Resp: 216142
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 85.7 67.6 101.4



#10
Methyl Iodide
Concen: 40.360 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion:142 Resp: 268058
Ion Ratio Lower Upper
142 100
127 41.5 34.3 51.5
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 292.134 ug/l

RT: 4.872 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

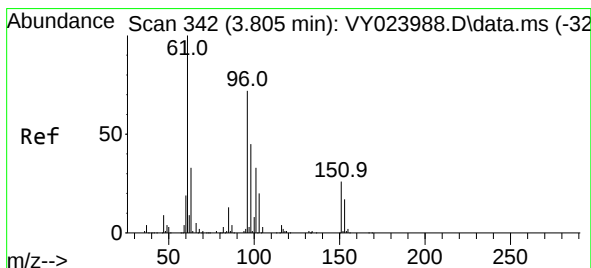
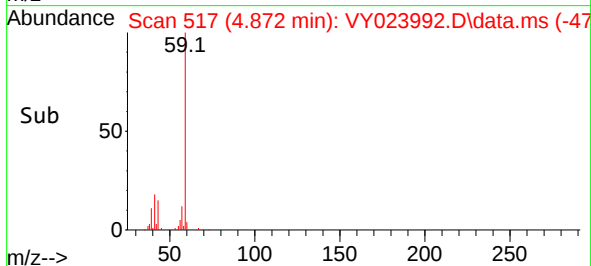
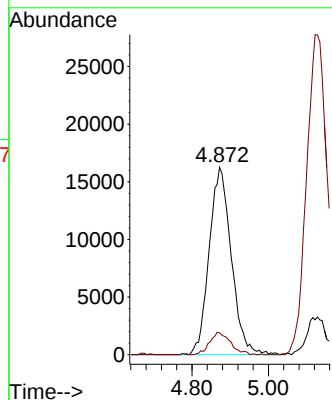
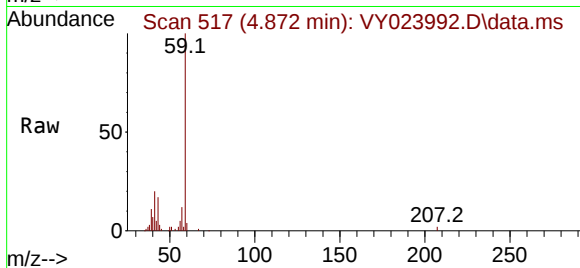
ICVY121625

Tgt Ion: 59 Resp: 65254

Ion Ratio Lower Upper

59 100

57 11.2 8.3 12.5



#12

1,1-Dichloroethene

Concen: 49.623 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

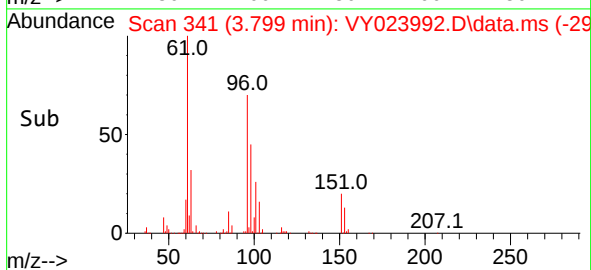
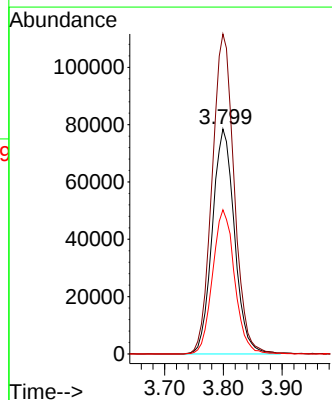
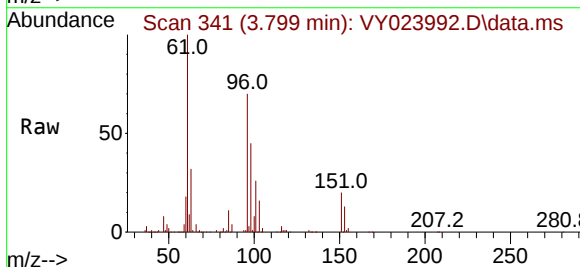
Tgt Ion: 96 Resp: 206094

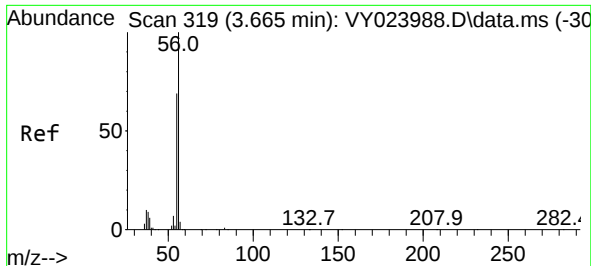
Ion Ratio Lower Upper

96 100

61 142.3 111.1 166.7

98 64.1 50.2 75.2

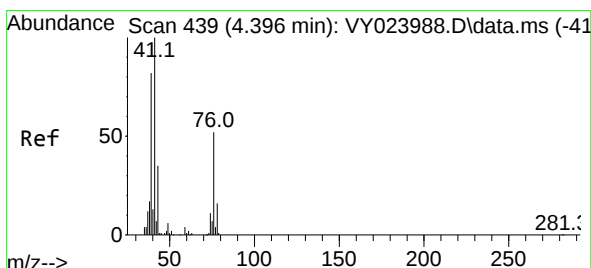
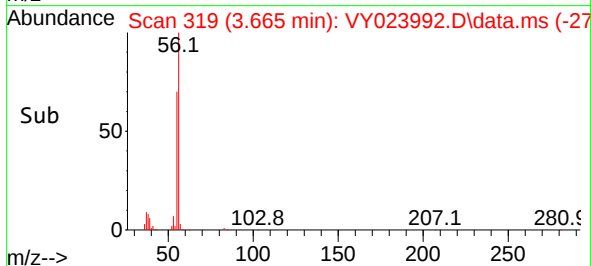
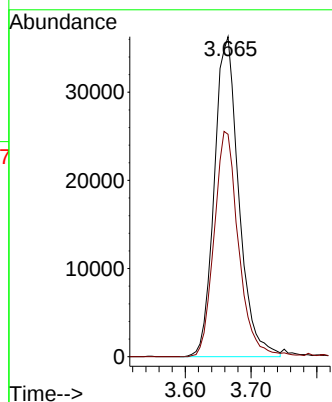
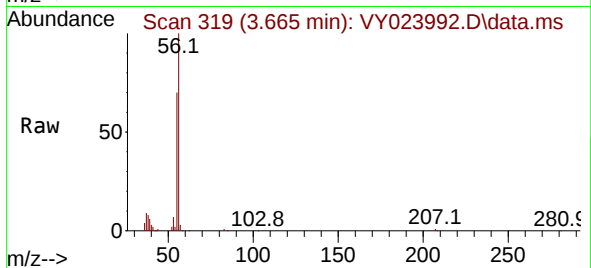




#13
Acrolein
Concen: 251.507 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

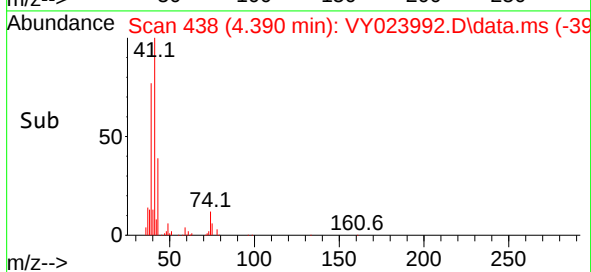
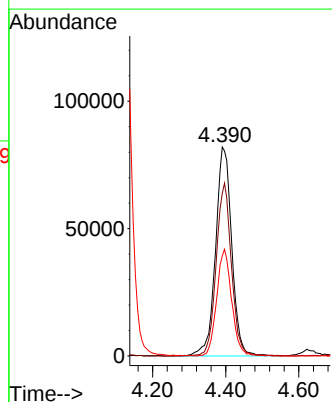
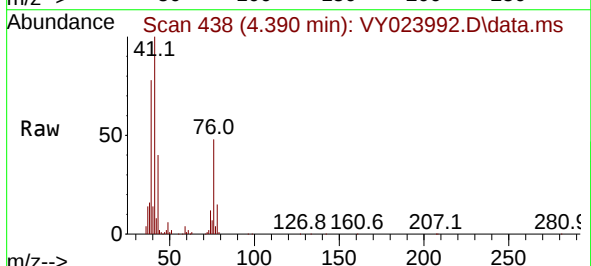
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

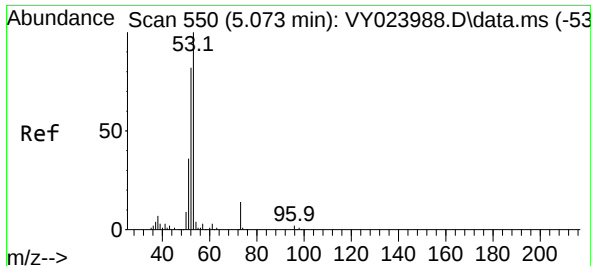
Tgt Ion: 56 Resp: 94198
Ion Ratio Lower Upper
56 100
55 70.2 58.1 87.1



#14
Allyl chloride
Concen: 50.328 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

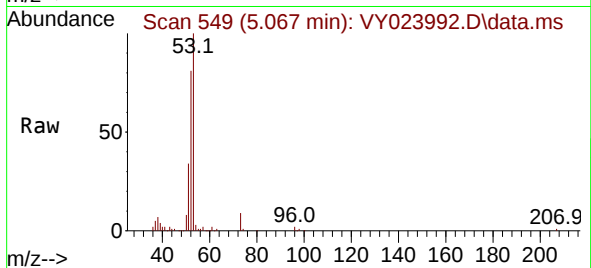
Tgt Ion: 41 Resp: 253179
Ion Ratio Lower Upper
41 100
39 77.6 62.9 94.3
76 47.0 38.7 58.1



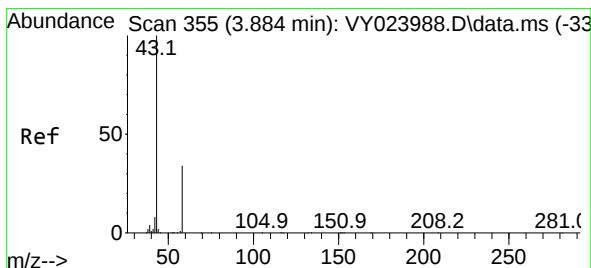
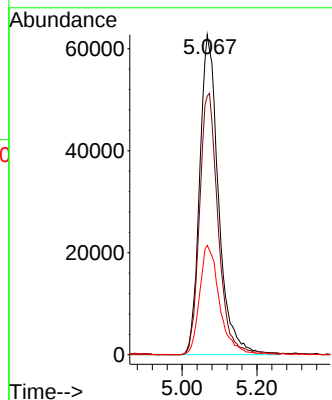
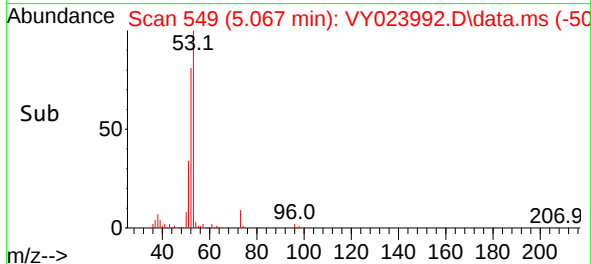


#15
Acrylonitrile
Concen: 276.665 ug/l
RT: 5.067 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

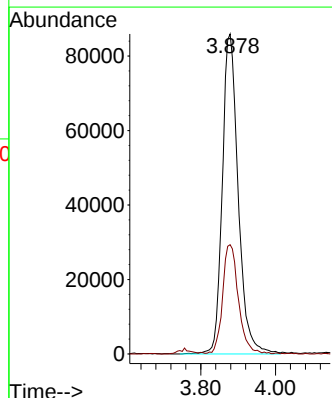
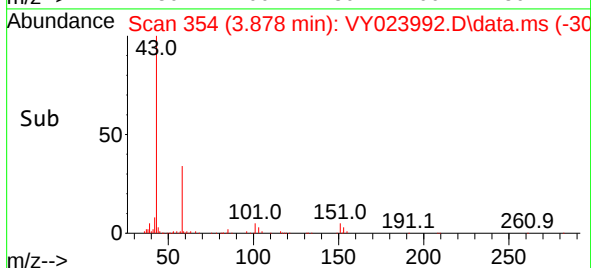
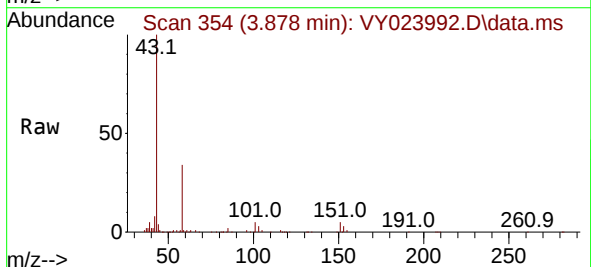


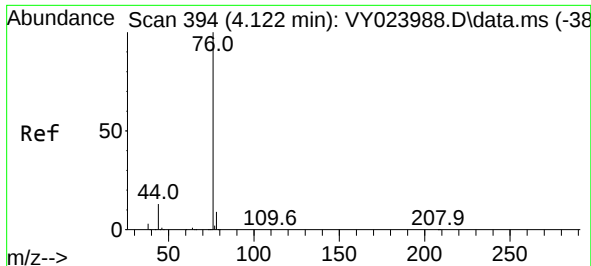
Tgt Ion: 53 Resp: 219599
Ion Ratio Lower Upper
53 100
52 80.6 64.2 96.4
51 36.0 29.1 43.7



#16
Acetone
Concen: 220.696 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 43 Resp: 253712
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5

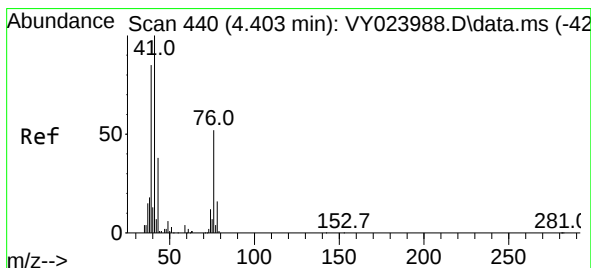
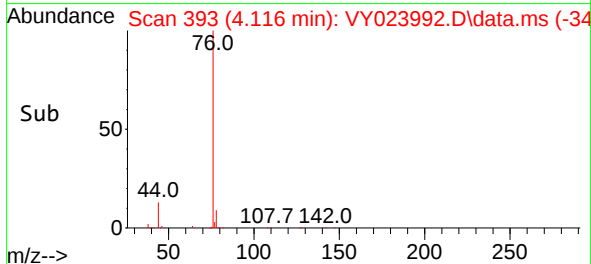
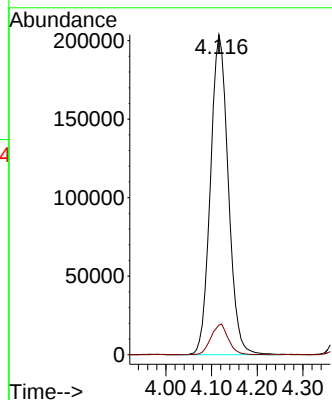
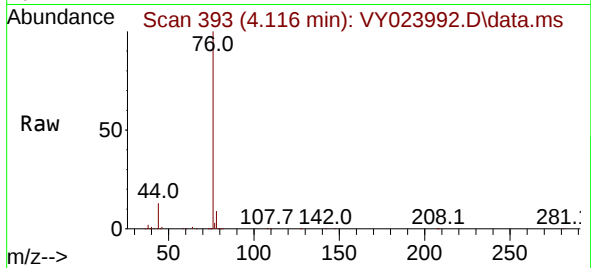




#17
Carbon Disulfide
Concen: 53.198 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

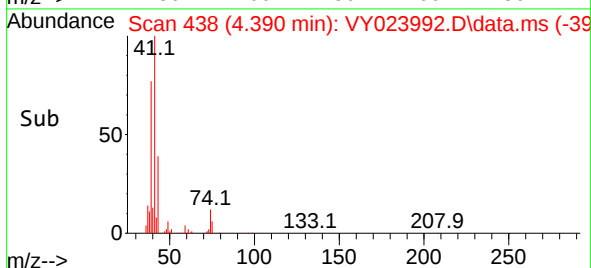
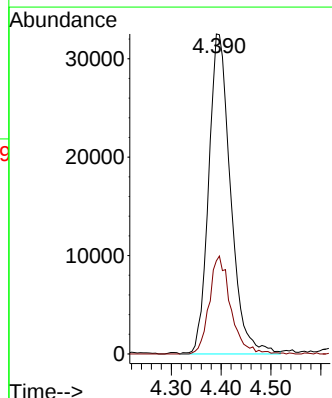
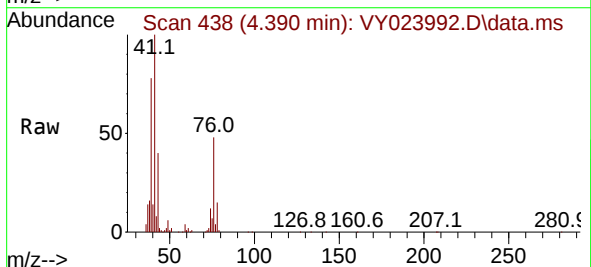
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

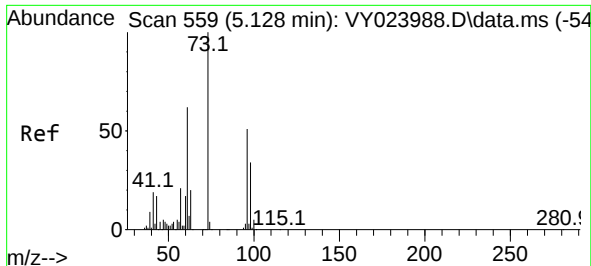
Tgt Ion: 76 Resp: 552894
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 57.632 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 43 Resp: 99328
Ion Ratio Lower Upper
43 100
74 29.9 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 53.541 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

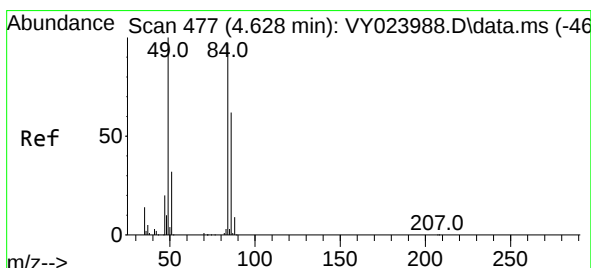
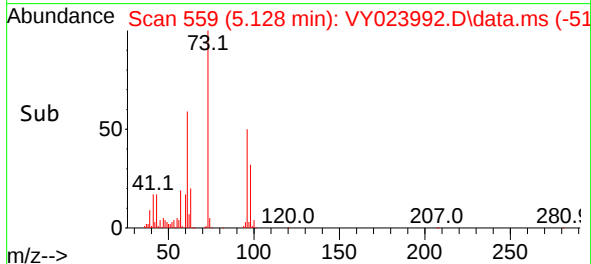
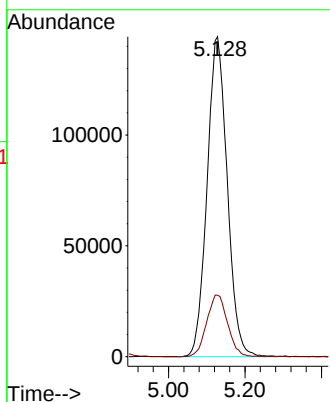
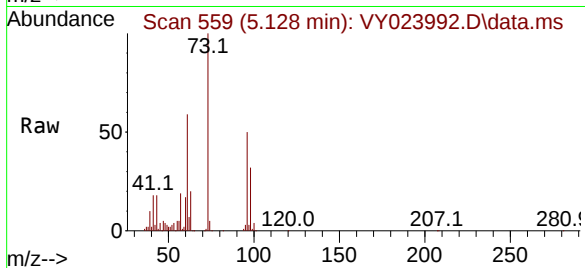
ICVVY121625

Tgt Ion: 73 Resp: 528308

Ion Ratio Lower Upper

73 100

57 19.2 16.6 24.8



#20

Methylene Chloride

Concen: 42.228 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Tgt Ion: 84 Resp: 221440

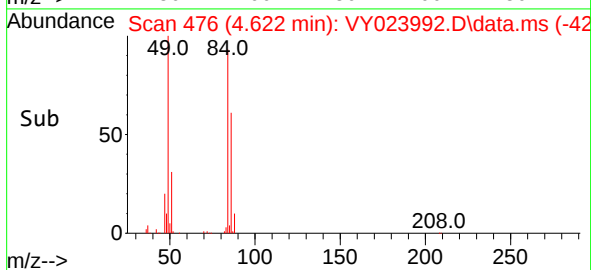
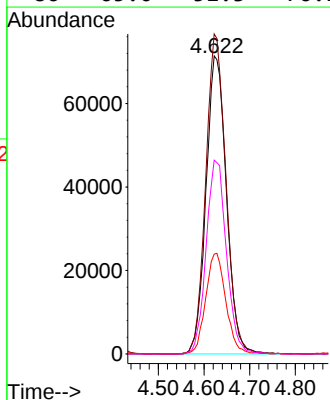
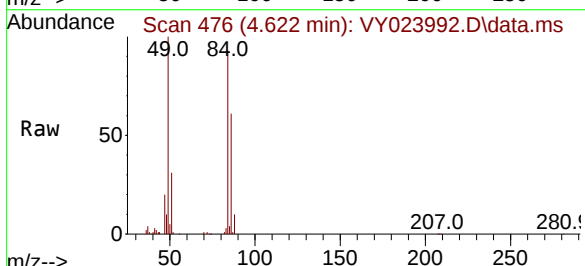
Ion Ratio Lower Upper

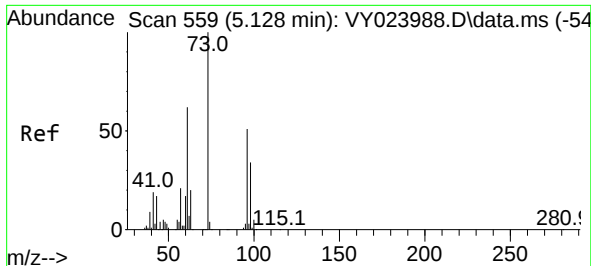
84 100

49 107.4 82.6 124.0

51 33.5 26.4 39.6

86 65.0 51.3 76.9

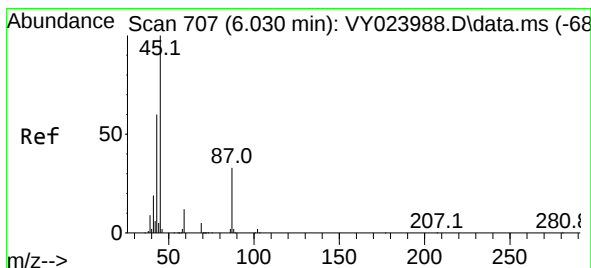
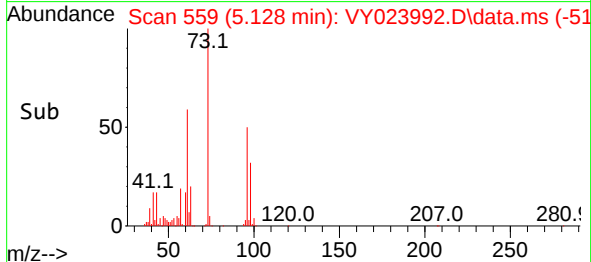
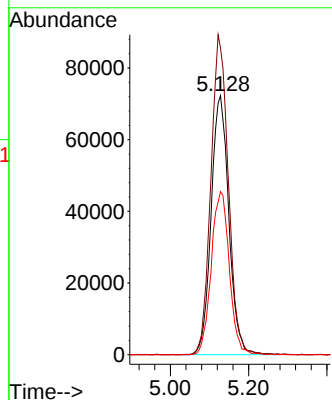
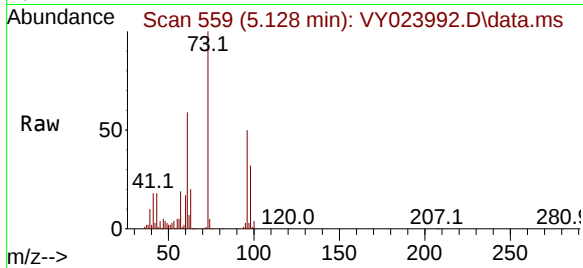




#21
trans-1,2-Dichloroethene
Concen: 50.185 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

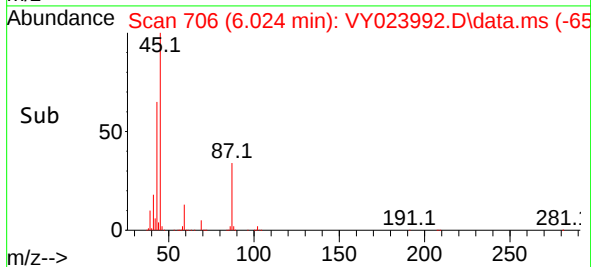
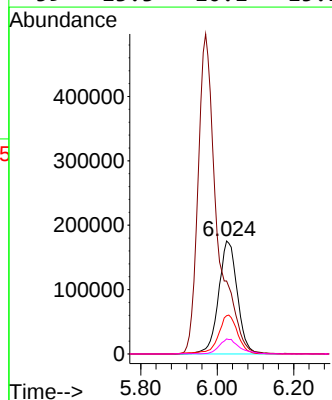
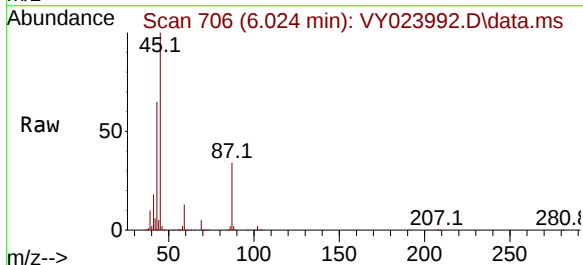
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

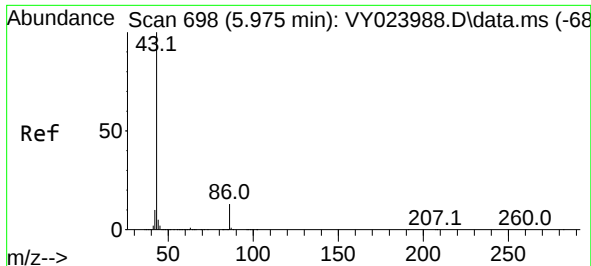
Tgt Ion: 96 Resp: 226505
Ion Ratio Lower Upper
96 100
61 118.3 97.8 146.8
98 63.0 52.8 79.2



#22
Diisopropyl ether
Concen: 51.299 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 45 Resp: 595983
Ion Ratio Lower Upper
45 100
43 64.3 48.3 72.5
87 33.8 26.8 40.2
59 13.3 10.1 15.1

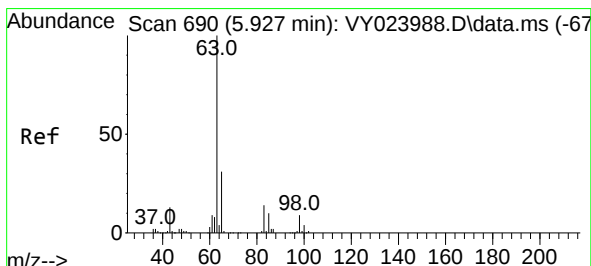
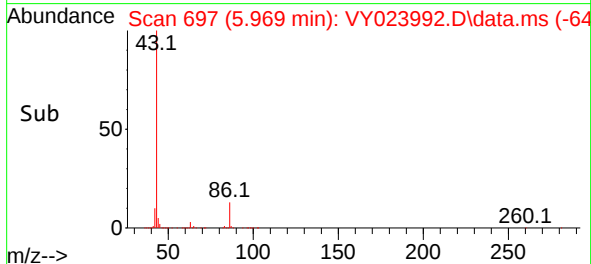
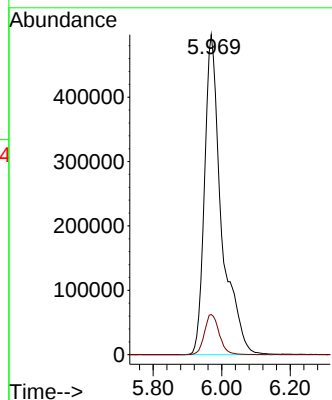
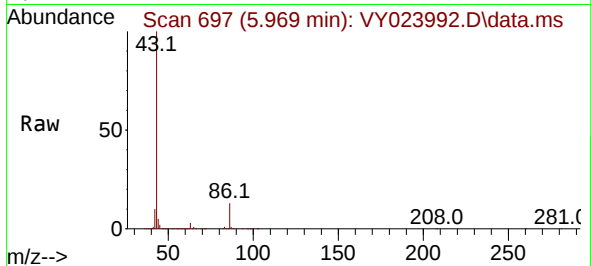




#23
 Vinyl Acetate
 Concen: 270.677 ug/l
 RT: 5.969 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY023992.D
 Acq: 16 Dec 2025 16:24

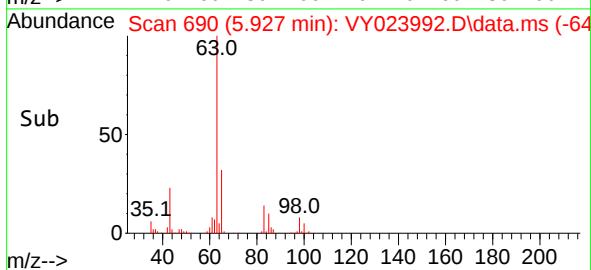
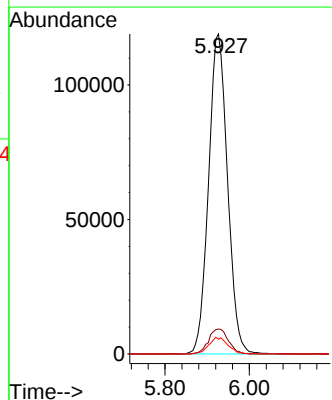
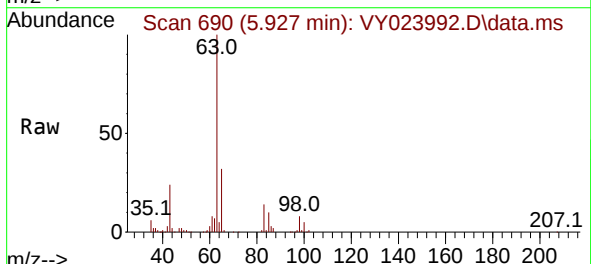
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY121625

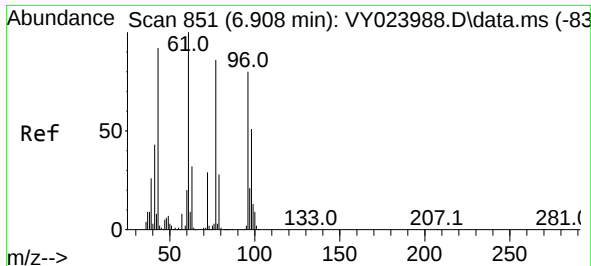
Tgt Ion: 43 Resp: 1711799
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 49.239 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY023992.D
 Acq: 16 Dec 2025 16:24

Tgt Ion: 63 Resp: 372225
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 12.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 254.491 ug/l

RT: 6.902 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

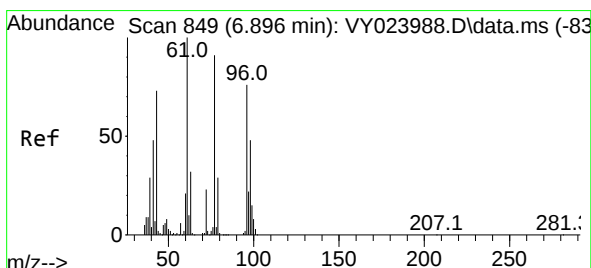
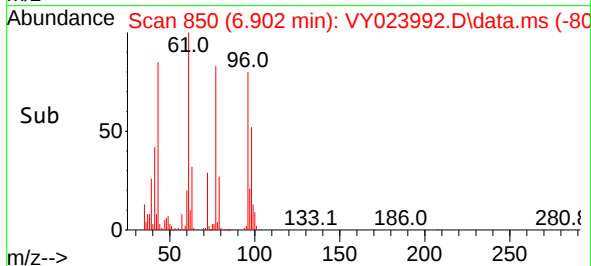
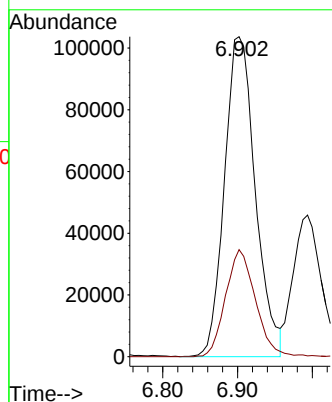
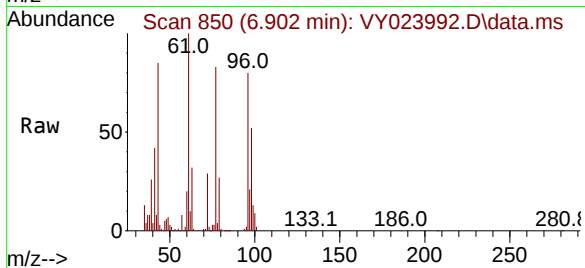
ICVVY121625

Tgt Ion: 43 Resp: 298063

Ion Ratio Lower Upper

43 100

72 33.4 25.4 38.0



#26

2,2-Dichloropropane

Concen: 47.356 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023992.D

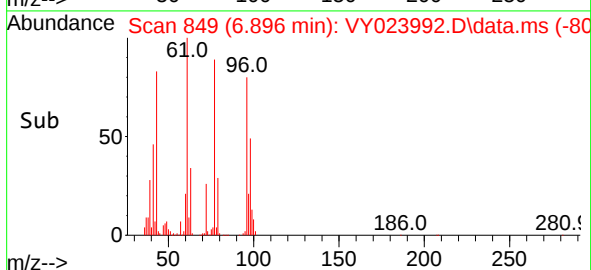
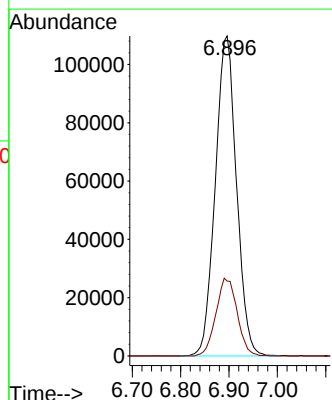
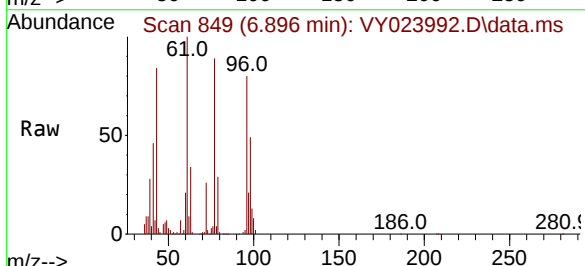
Acq: 16 Dec 2025 16:24

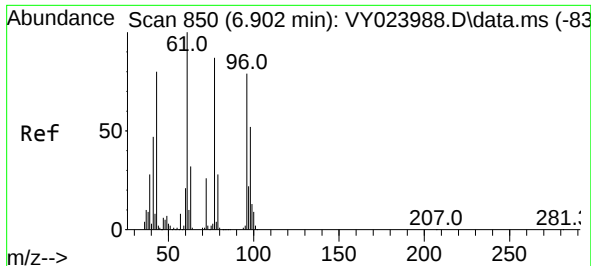
Tgt Ion: 77 Resp: 334074

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.667 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

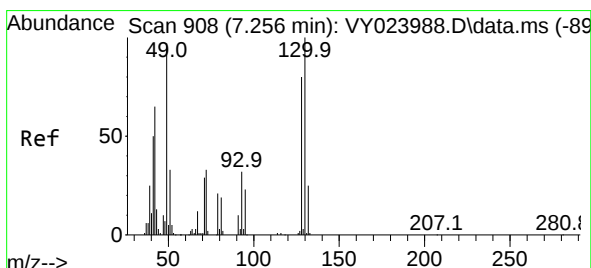
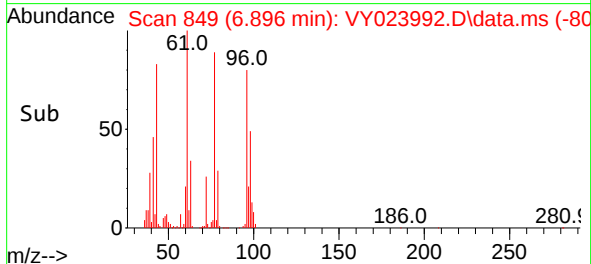
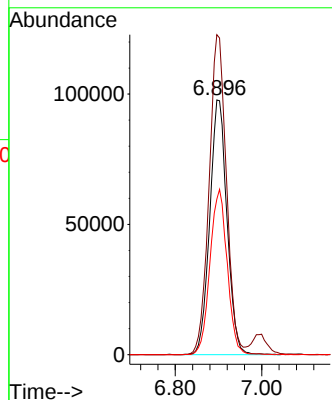
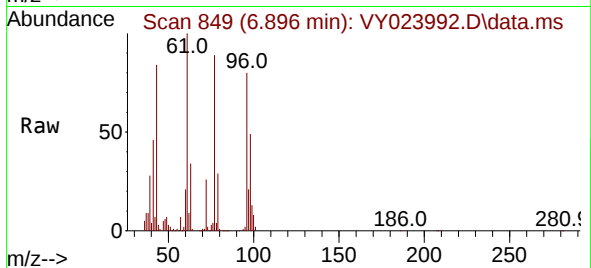
Tgt Ion: 96 Resp: 270882

Ion Ratio Lower Upper

96 100

61 126.0 0.0 258.8

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 50.487 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

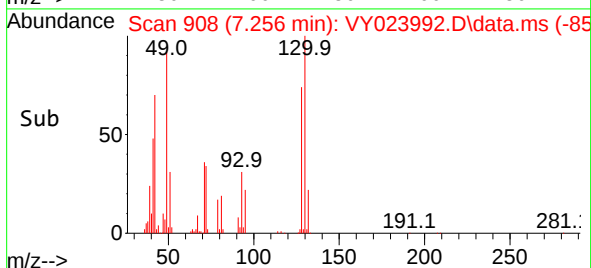
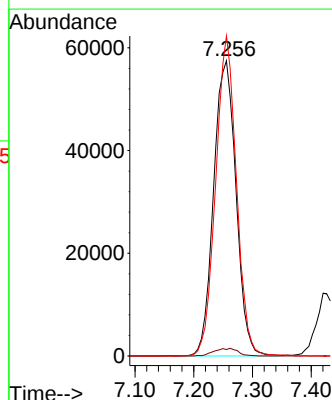
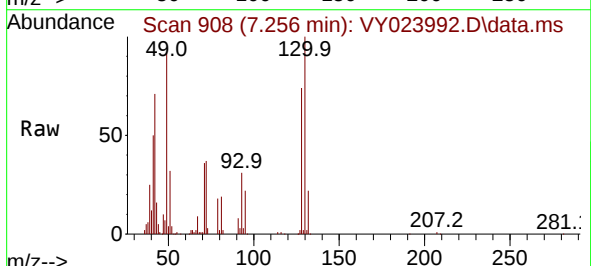
Tgt Ion: 49 Resp: 152318

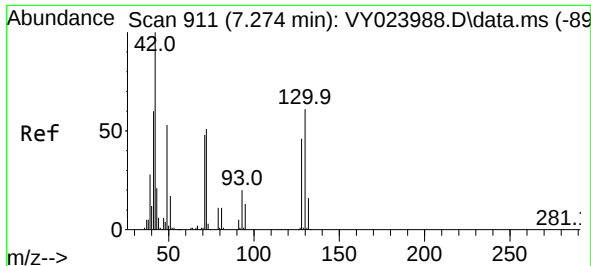
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.4

130 100.5 80.3 120.5

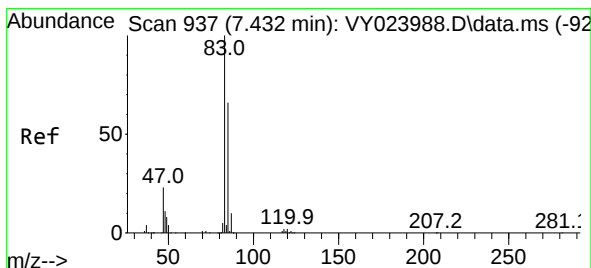
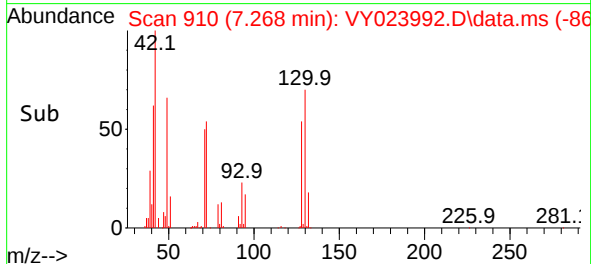
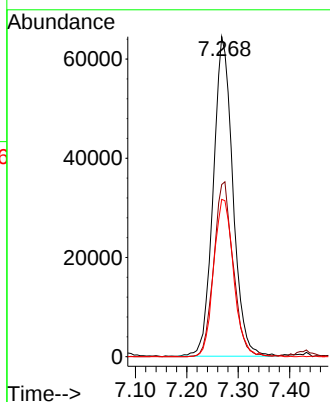
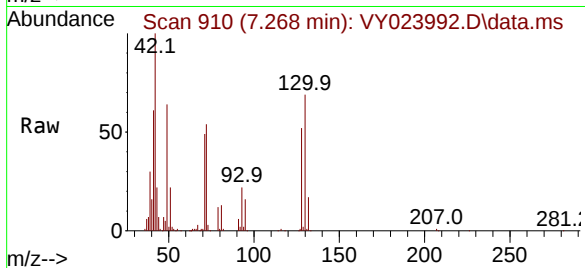




#29
Tetrahydrofuran
Concen: 288.363 ug/l
RT: 7.268 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

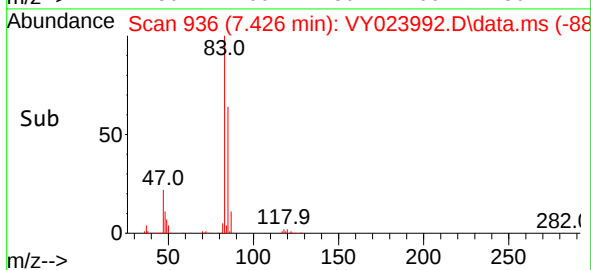
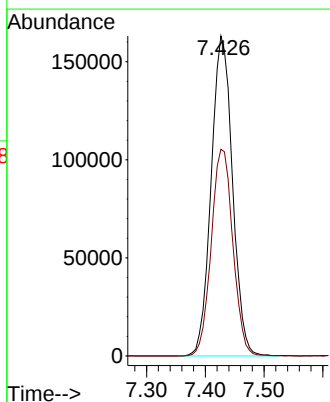
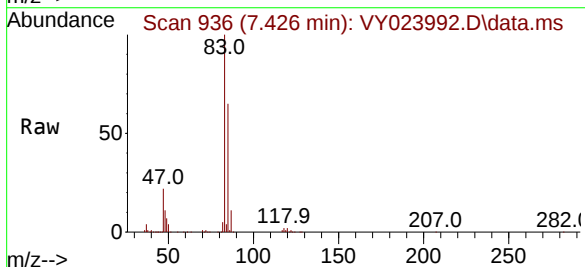
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

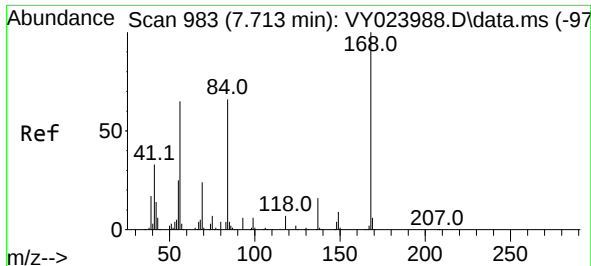
Tgt Ion: 42 Resp: 170992
Ion Ratio Lower Upper
42 100
72 53.9 41.4 62.0
71 50.3 38.6 57.8



#30
Chloroform
Concen: 48.962 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 83 Resp: 410623
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8

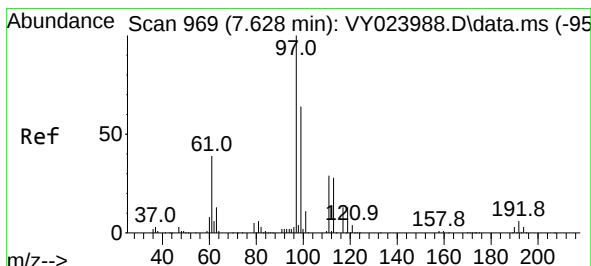
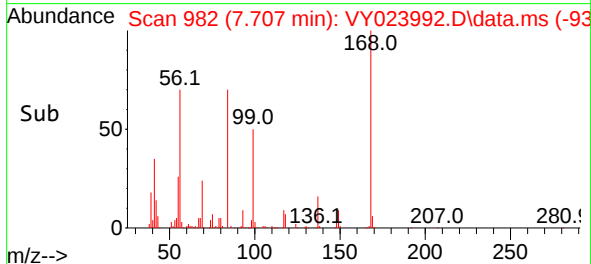
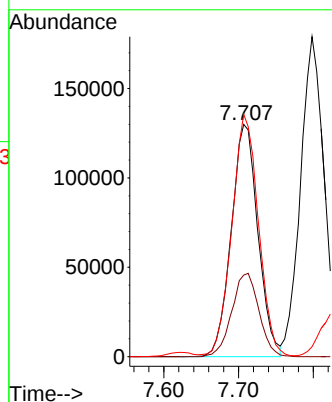
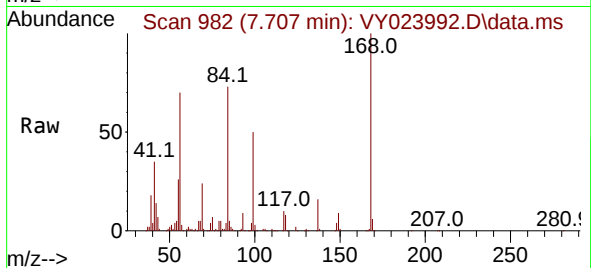




#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

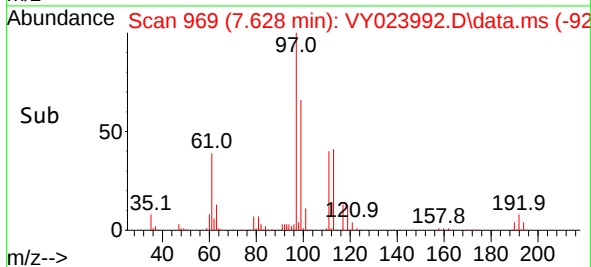
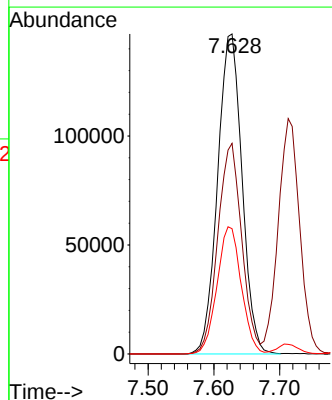
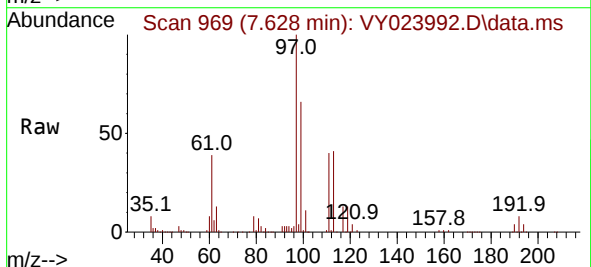
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

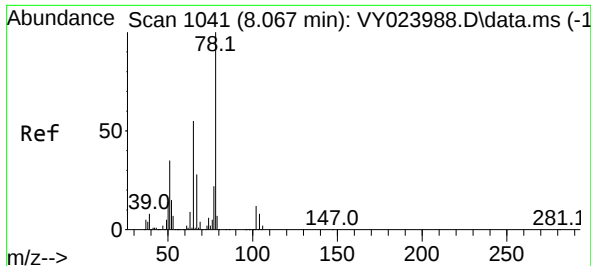
Tgt Ion: 56 Resp: 323261
Ion Ratio Lower Upper
56 100
69 35.2 30.0 45.0
84 102.4 81.0 121.4



#32
1,1,1-Trichloroethane
Concen: 48.807 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 97 Resp: 379692
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 39.4 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 46.915 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

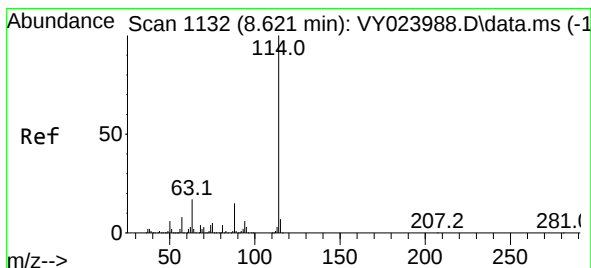
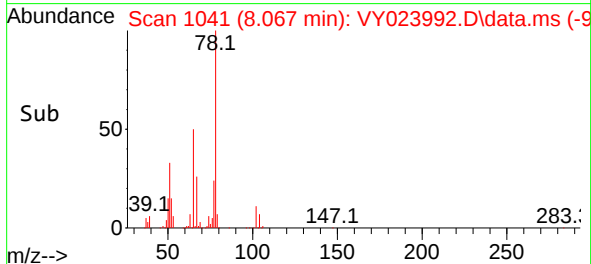
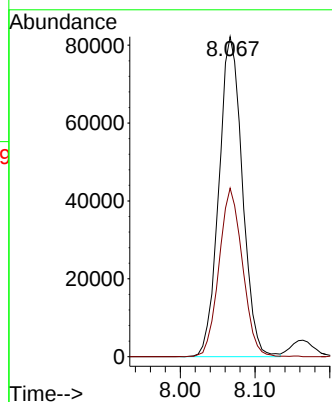
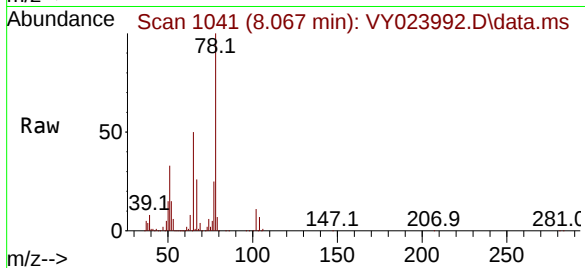
ICVY121625

Tgt Ion: 65 Resp: 179021

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

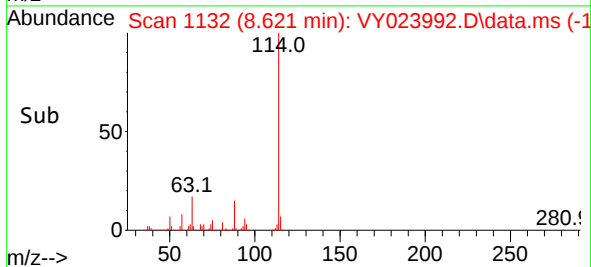
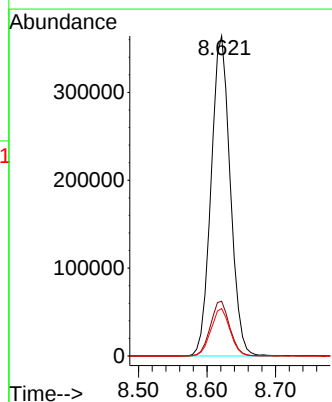
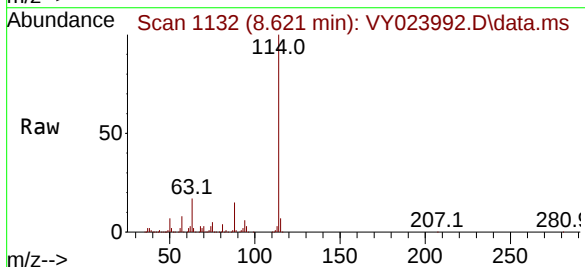
Tgt Ion: 114 Resp: 706310

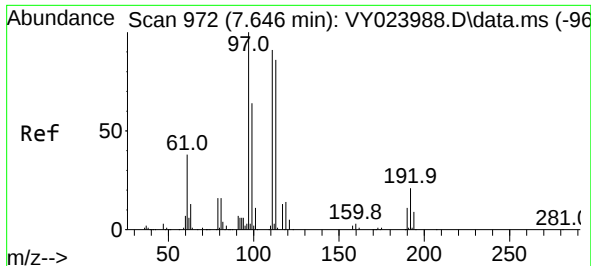
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.6

88 14.8 0.0 29.2

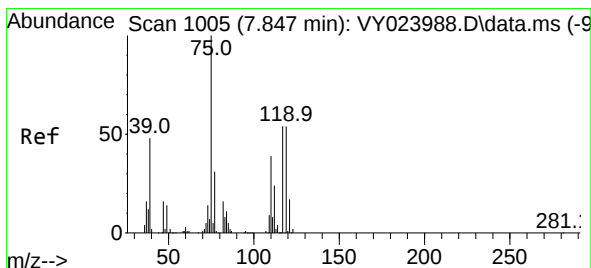
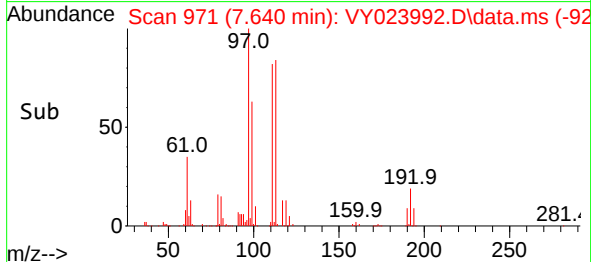
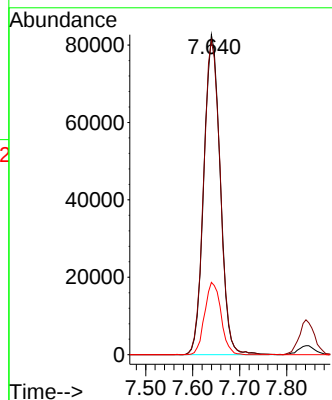
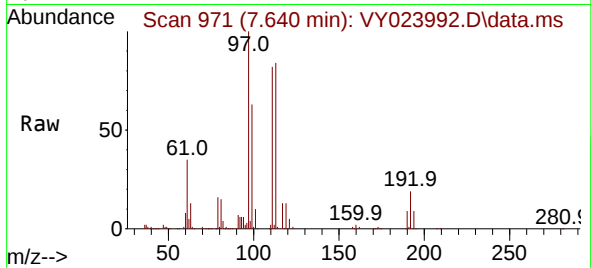




#35
Dibromofluoromethane
Concen: 47.167 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

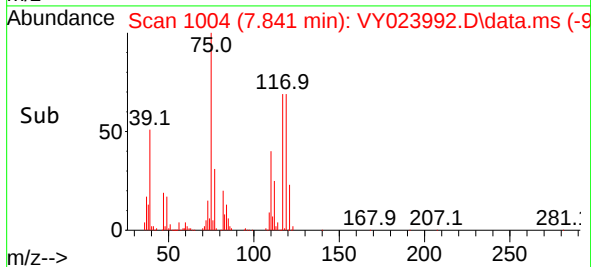
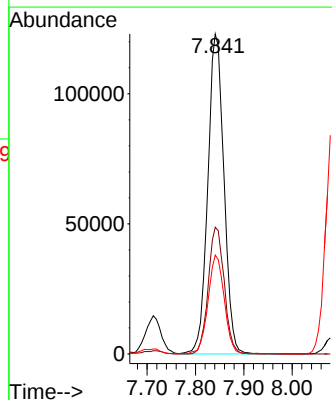
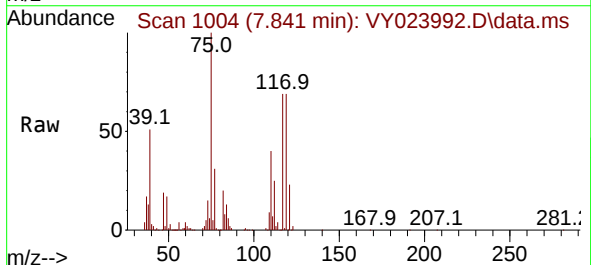
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

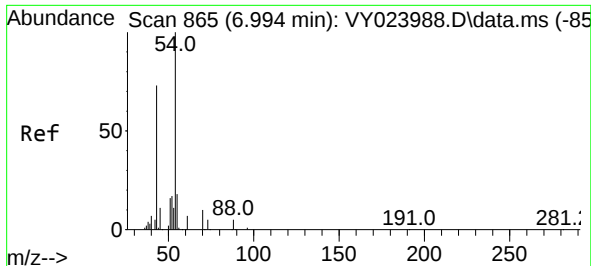
Tgt Ion:113 Resp: 199370
Ion Ratio Lower Upper
113 100
111 100.3 82.1 123.1
192 22.6 18.2 27.4



#36
1,1-Dichloropropene
Concen: 49.220 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 75 Resp: 285154
Ion Ratio Lower Upper
75 100
110 39.2 19.6 58.8
77 31.1 25.4 38.0





#37

Ethyl Acetate

Concen: 56.828 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

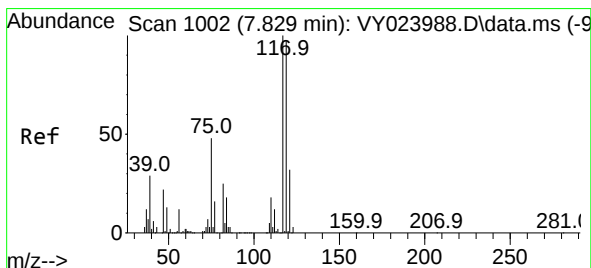
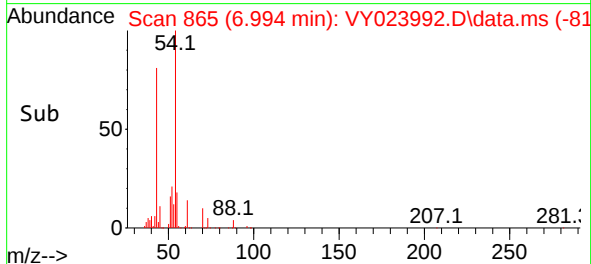
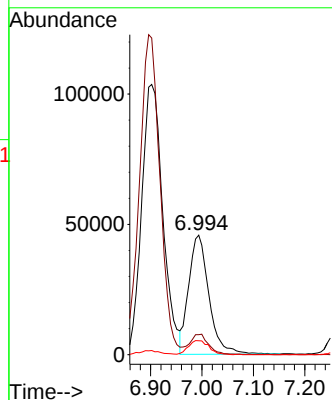
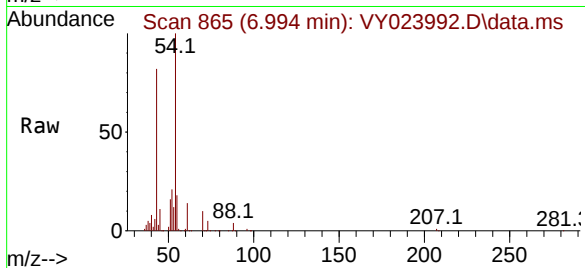
Tgt Ion: 43 Resp: 124630

Ion Ratio Lower Upper

43 100

61 15.8 12.6 18.8

70 12.0 9.0 13.6



#38

Carbon Tetrachloride

Concen: 48.024 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

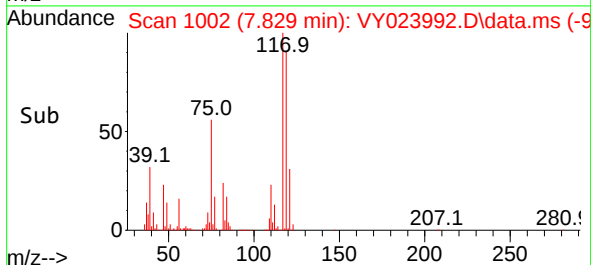
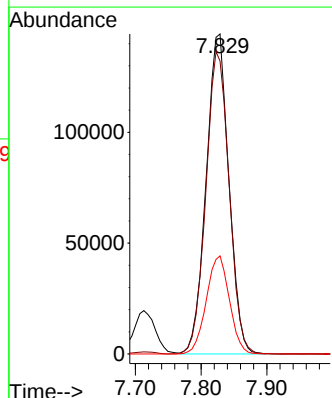
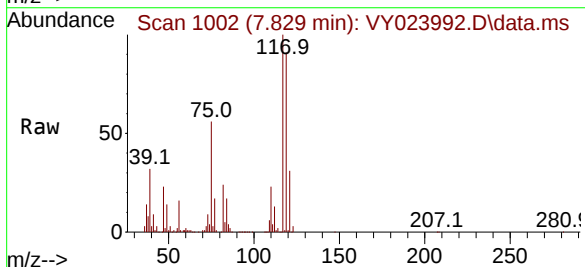
Tgt Ion: 117 Resp: 348515

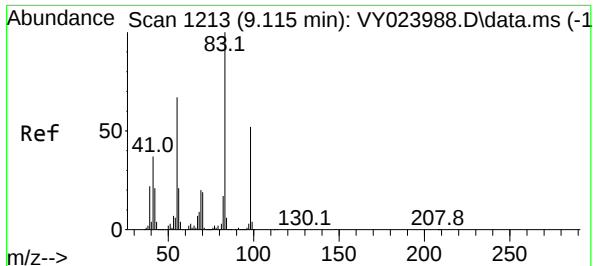
Ion Ratio Lower Upper

117 100

119 91.5 77.7 116.5

121 30.6 25.3 37.9





#39

Methylcyclohexane

Concen: 50.064 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

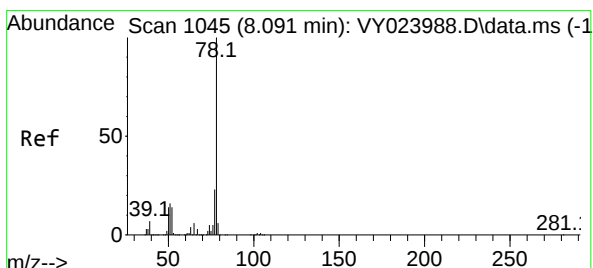
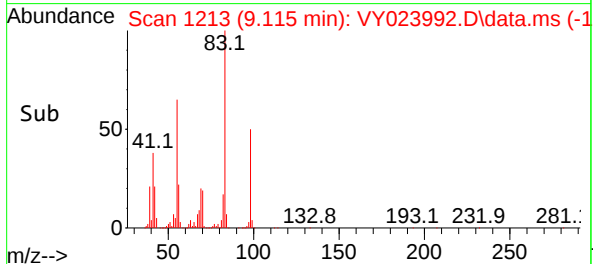
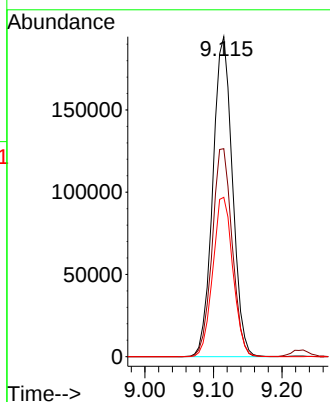
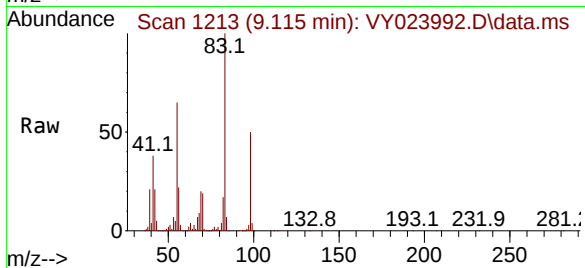
Tgt Ion: 83 Resp: 386724

Ion Ratio Lower Upper

83 100

55 65.0 53.8 80.6

98 49.8 41.3 61.9



#40

Benzene

Concen: 50.077 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY023992.D

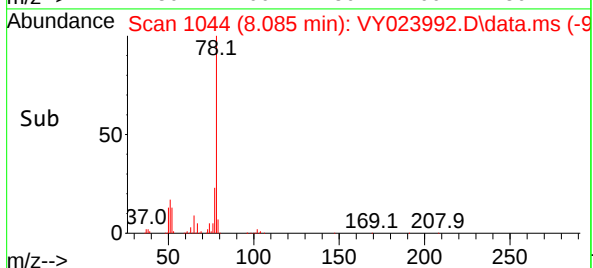
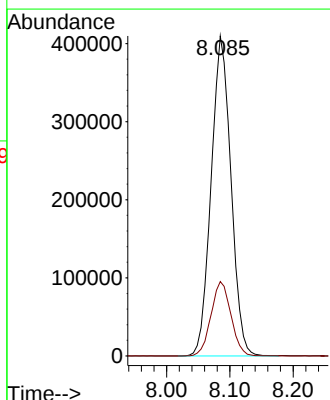
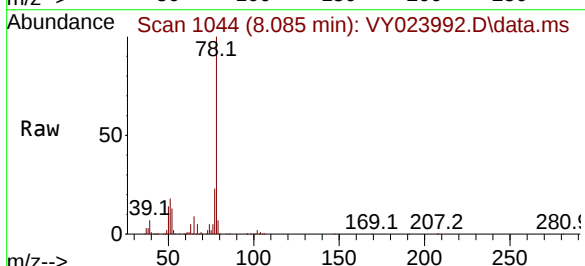
Acq: 16 Dec 2025 16:24

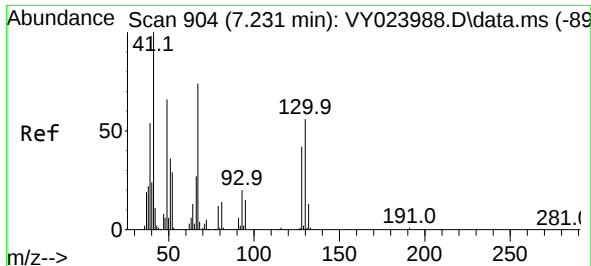
Tgt Ion: 78 Resp: 889545

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8



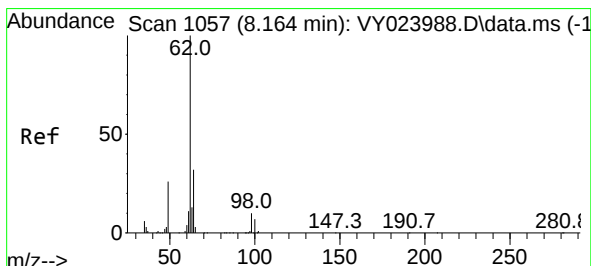
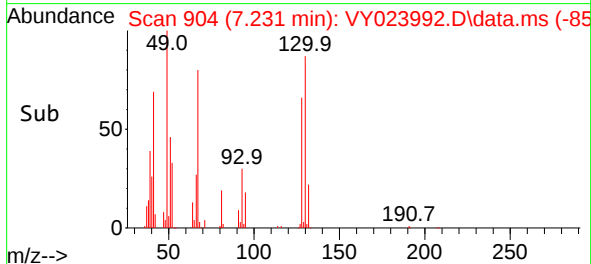
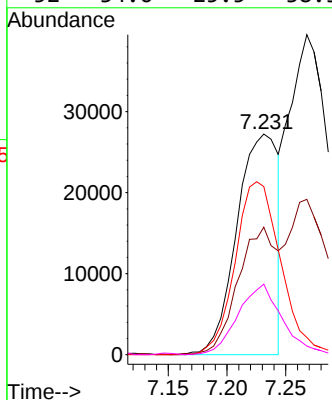
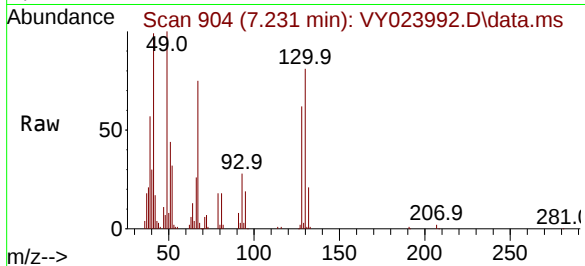


#41
Methacrylonitrile
Concen: 52.637 ug/l
RT: 7.231 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

Tgt Ion: 41 Resp: 66642

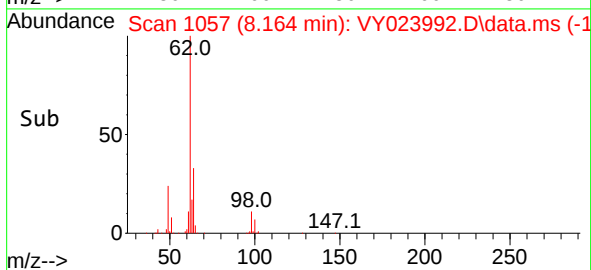
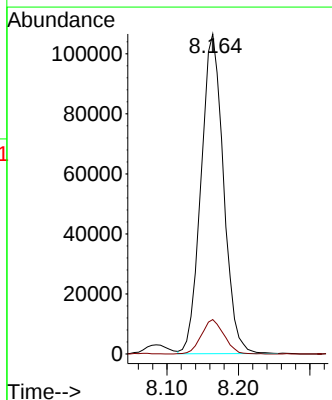
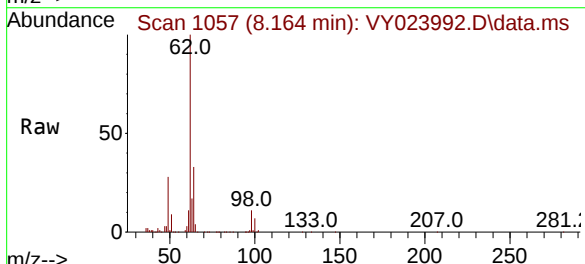
Ion	Ratio	Lower	Upper
41	100		
39	54.3	37.9	56.9
67	87.0	65.6	98.4
52	34.6	25.5	38.3

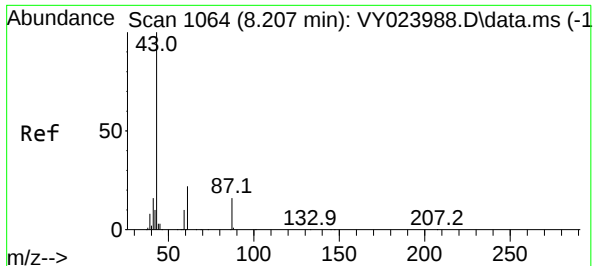


#42
1,2-Dichloroethane
Concen: 50.700 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 62 Resp: 232046

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8

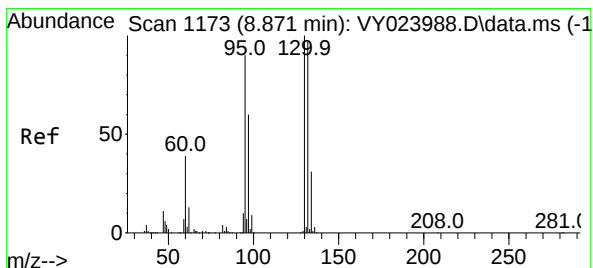
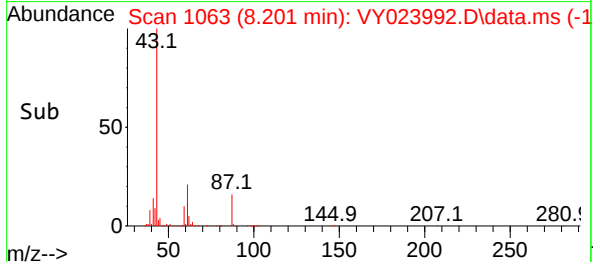
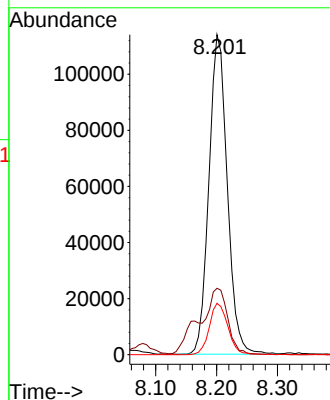
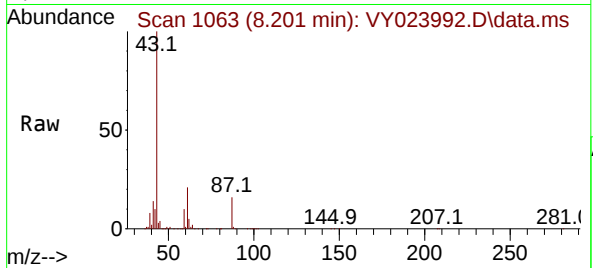




#43
Isopropyl Acetate
Concen: 56.318 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

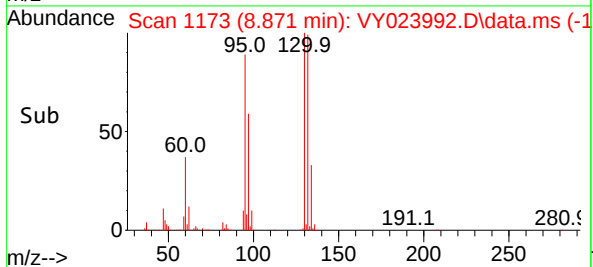
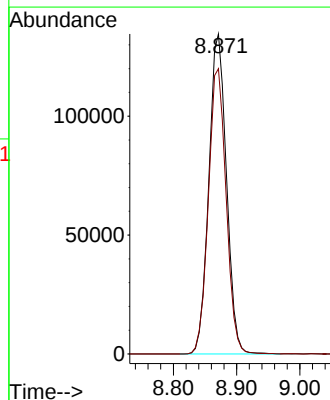
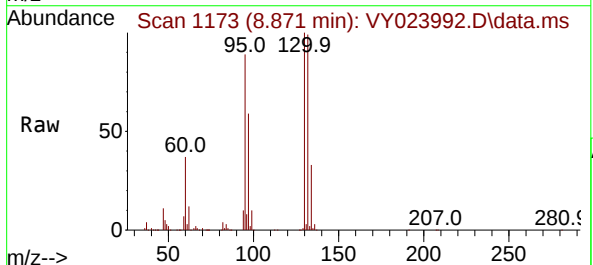
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

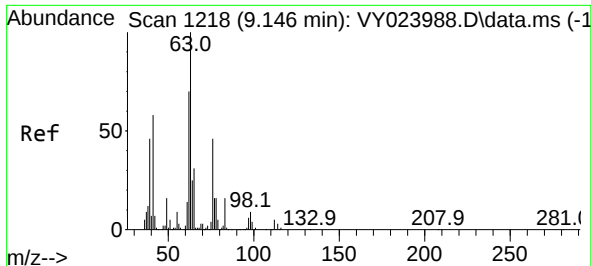
Tgt Ion: 43 Resp: 238916
Ion Ratio Lower Upper
43 100
61 21.8 26.6 39.8#
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 49.857 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion:130 Resp: 260991
Ion Ratio Lower Upper
130 100
95 89.1 0.0 180.2

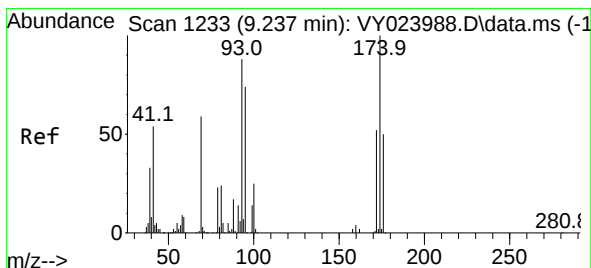
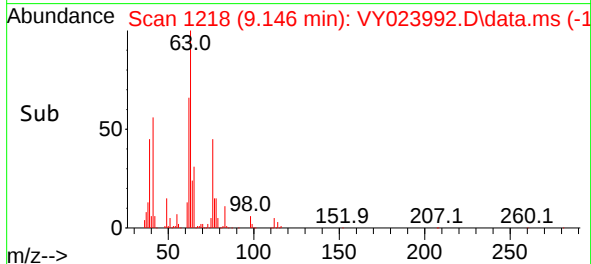
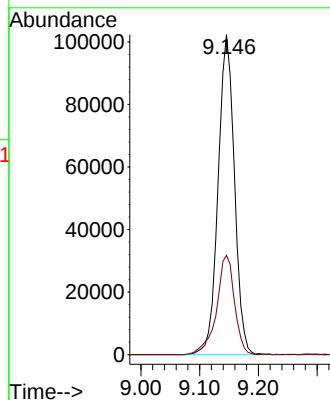
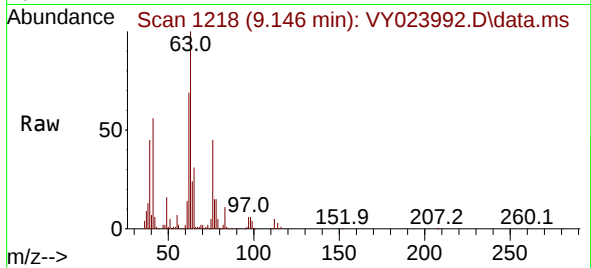




#45
1,2-Dichloropropane
Concen: 49.493 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

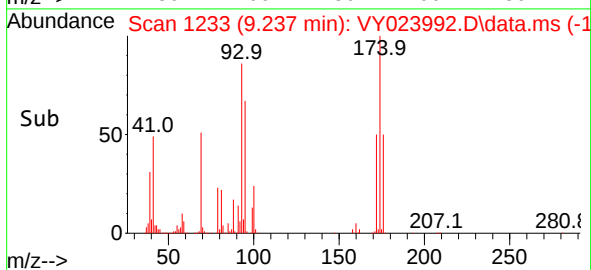
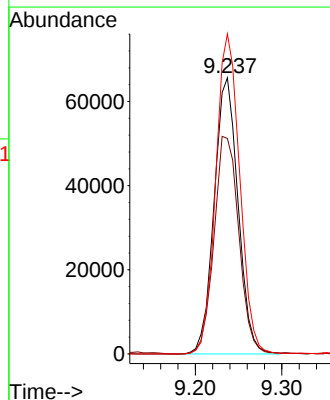
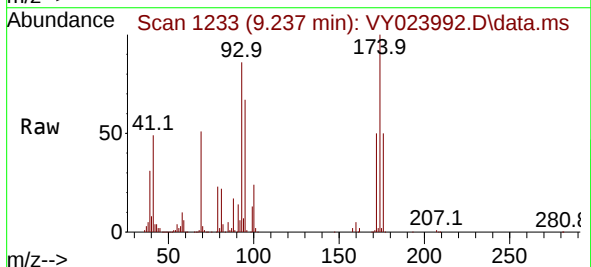
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

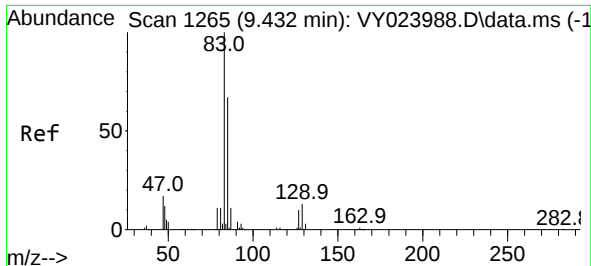
Tgt Ion: 63 Resp: 197424
Ion Ratio Lower Upper
63 100
65 31.1 25.0 37.6



#46
Dibromomethane
Concen: 52.569 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 93 Resp: 125746
Ion Ratio Lower Upper
93 100
95 82.2 67.4 101.2
174 116.3 94.6 141.8

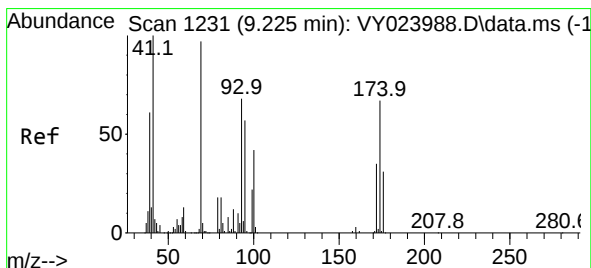
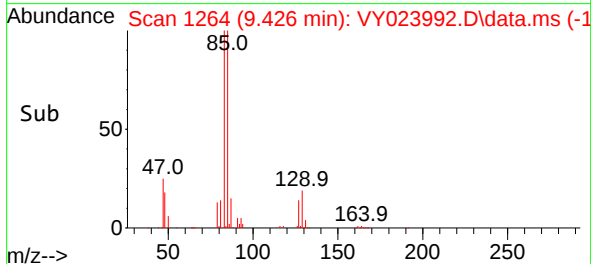
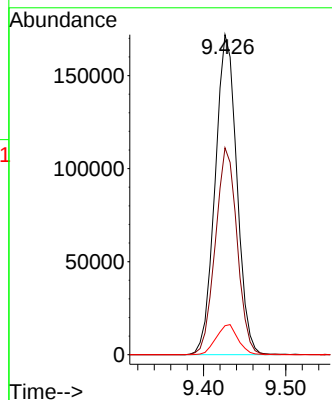
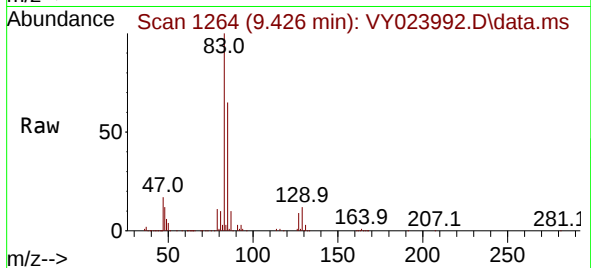




#47
Bromodichloromethane
Concen: 50.864 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

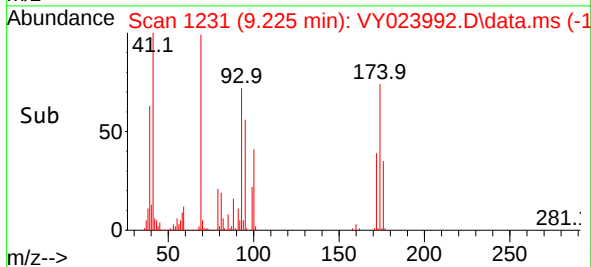
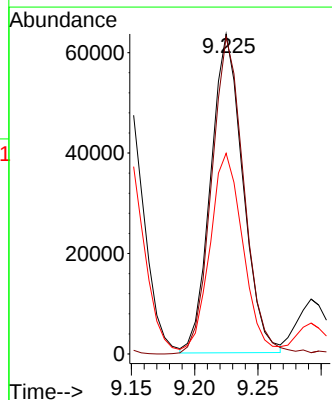
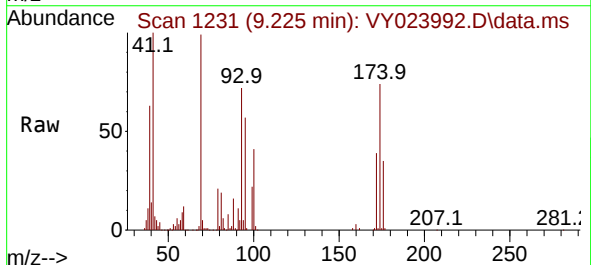
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

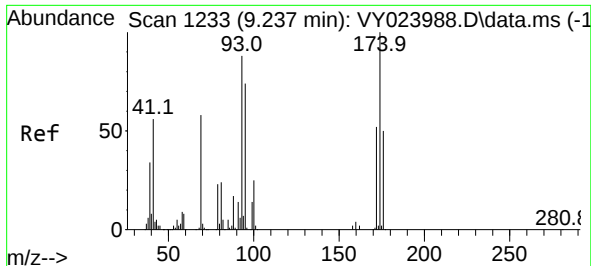
Tgt Ion: 83 Resp: 315672
Ion Ratio Lower Upper
83 100
85 64.7 53.5 80.3
127 9.0 7.8 11.6



#48
Methyl methacrylate
Concen: 52.727 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 41 Resp: 112631
Ion Ratio Lower Upper
41 100
69 100.1 78.2 117.4
39 61.6 47.2 70.8





#49

1,4-Dioxane

Concen: 1131.009 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

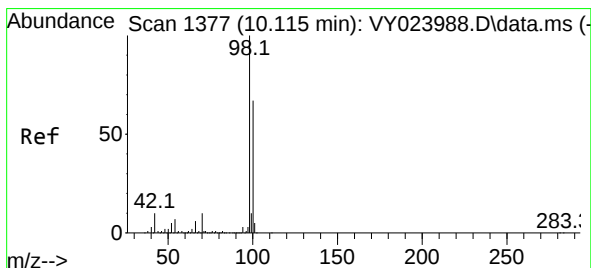
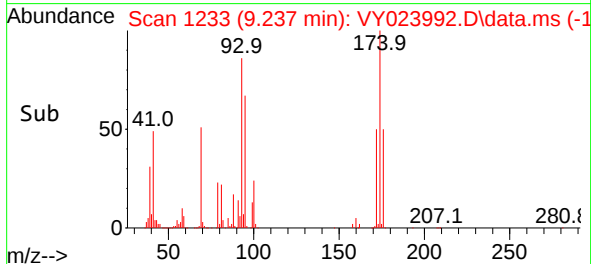
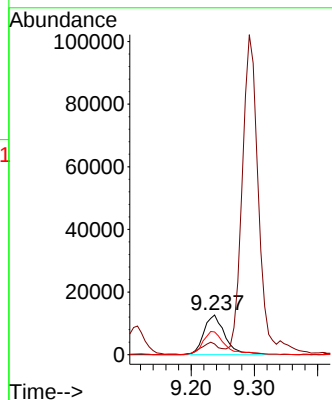
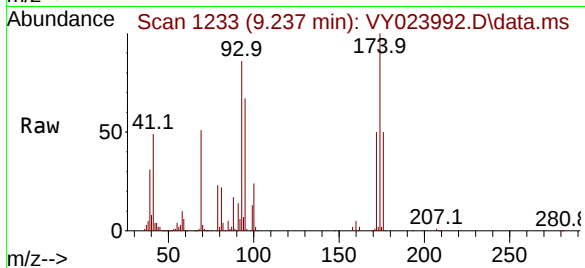
Tgt Ion: 88 Resp: 29467

Ion Ratio Lower Upper

88 100

43 27.5 21.0 31.4

58 62.7 48.9 73.3



#50

Toluene-d8

Concen: 46.968 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY023992.D

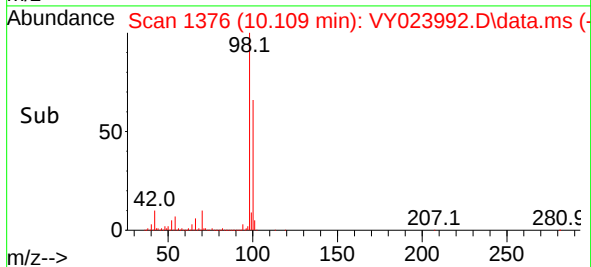
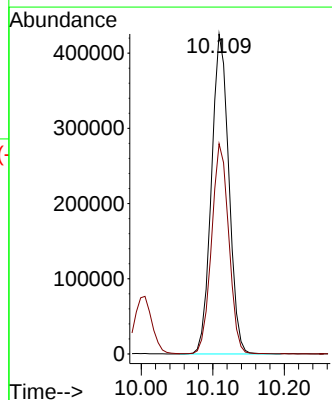
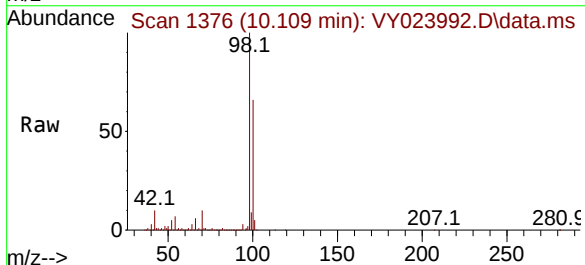
Acq: 16 Dec 2025 16:24

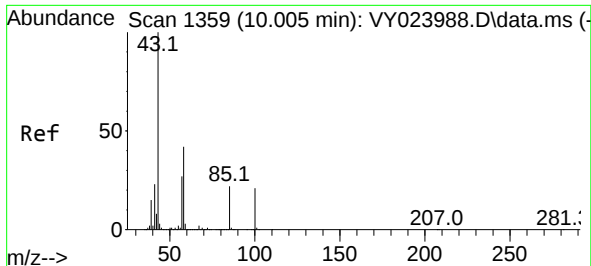
Tgt Ion: 98 Resp: 716363

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6

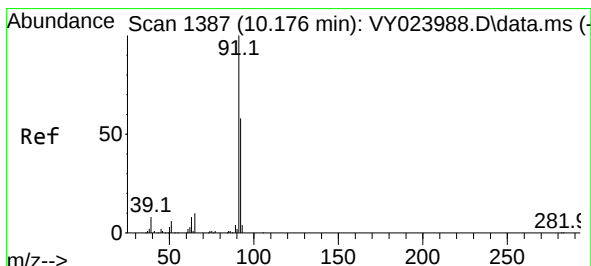
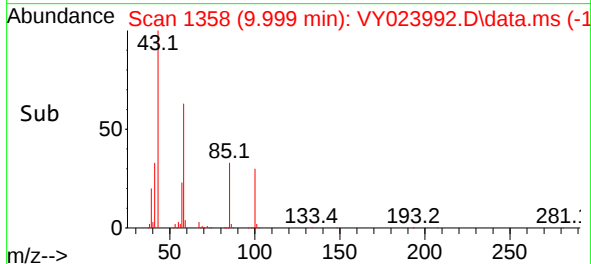
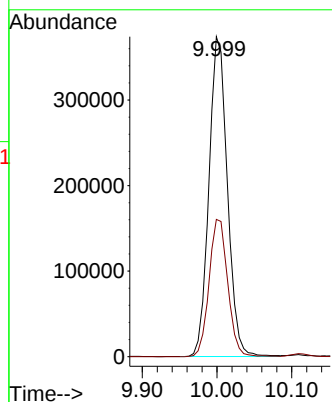
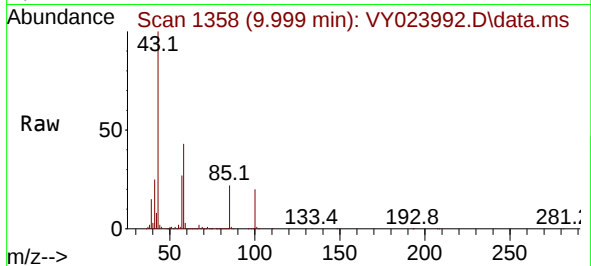




#51
4-Methyl-2-Pentanone
Concen: 288.859 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

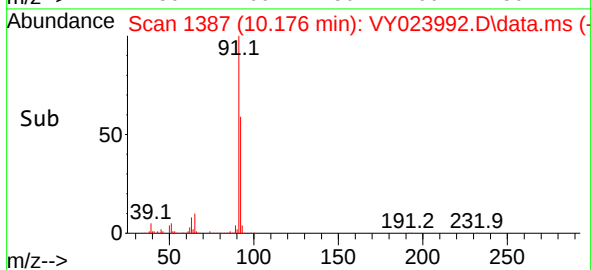
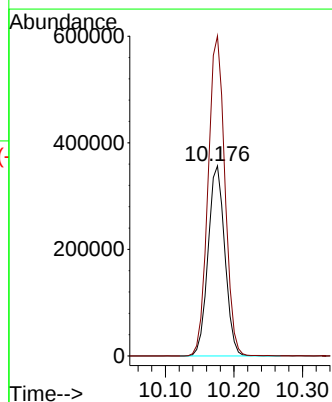
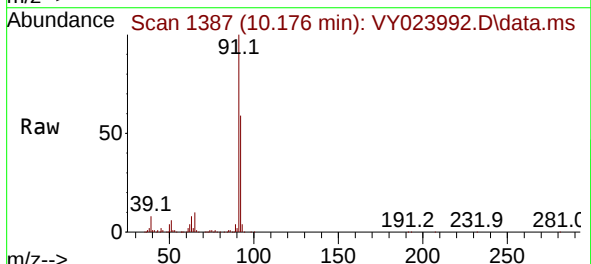
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

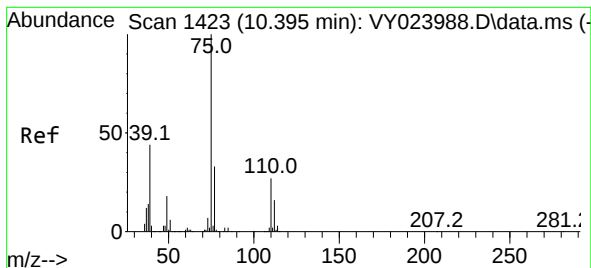
Tgt Ion: 43 Resp: 641452
Ion Ratio Lower Upper
43 100
58 43.5 34.2 51.4



#52
Toluene
Concen: 48.955 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 92 Resp: 605362
Ion Ratio Lower Upper
92 100
91 169.0 136.7 205.1

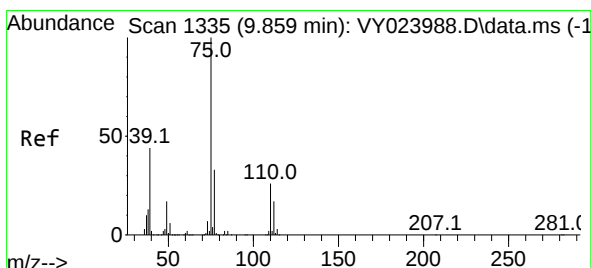
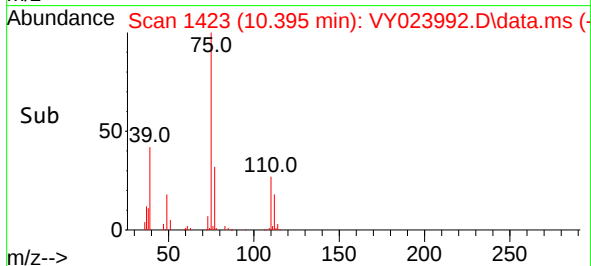
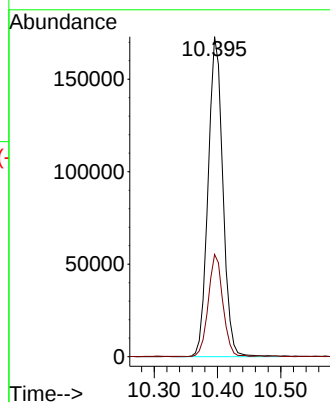
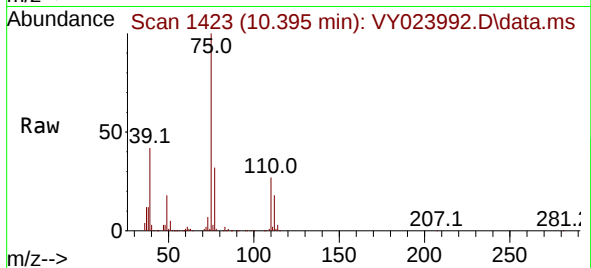




#53
t-1,3-Dichloropropene
Concen: 53.223 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

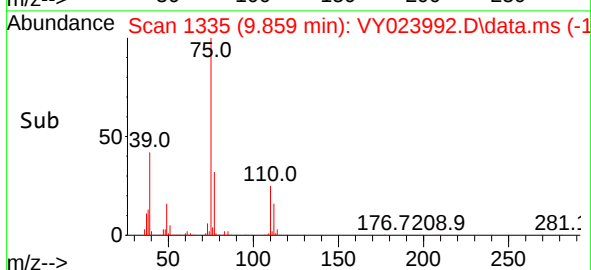
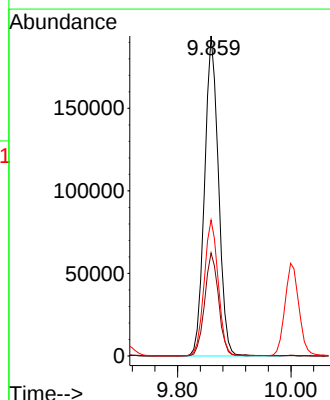
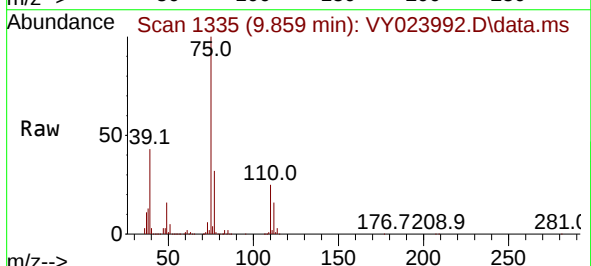
Instrument : MSVOA_Y
ClientSampleId : ICVVY121625

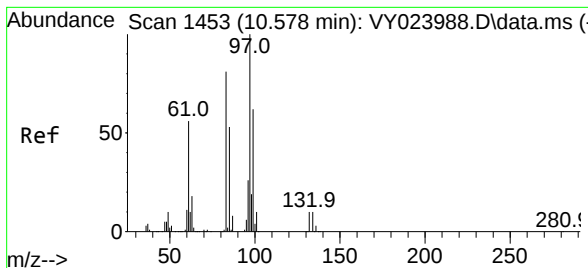
Tgt Ion: 75 Resp: 280738
Ion Ratio Lower Upper
75 100
77 31.9 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 52.360 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 75 Resp: 330888
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 42.5 35.2 52.8



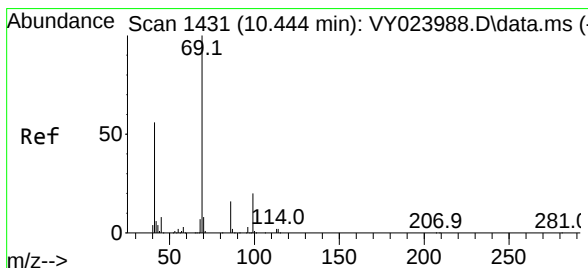
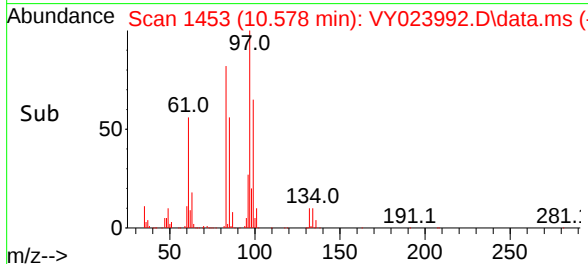
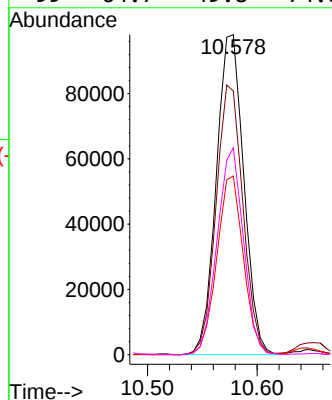
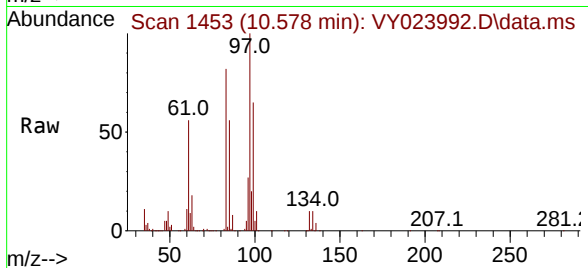


#55
1,1,2-Trichloroethane
Concen: 52.000 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

Tgt Ion: 97 Resp: 170844

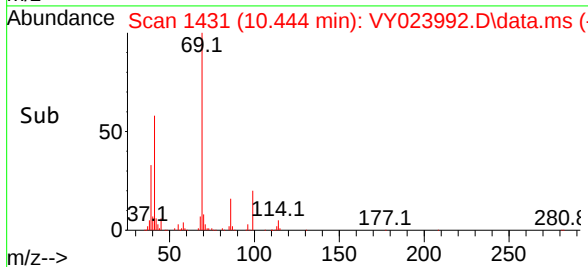
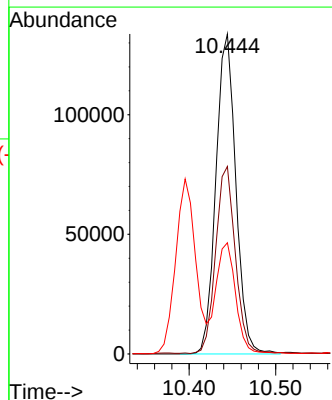
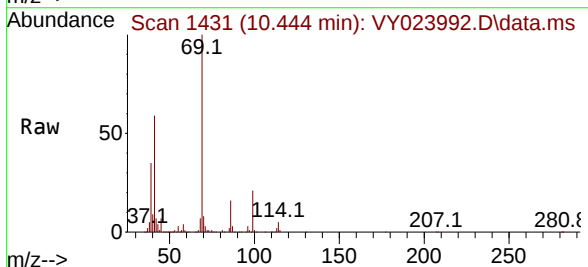
Ion	Ratio	Lower	Upper
97	100		
83	82.4	64.5	96.7
85	55.9	42.0	63.0
99	64.7	49.8	74.8

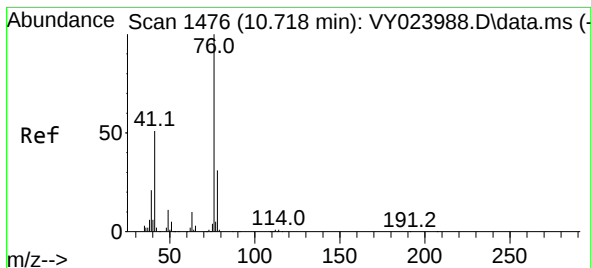


#56
Ethyl methacrylate
Concen: 44.121 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 69 Resp: 213593

Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.2	69.4
39	34.4	28.1	42.1





#57

1,3-Dichloropropane

Concen: 52.162 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

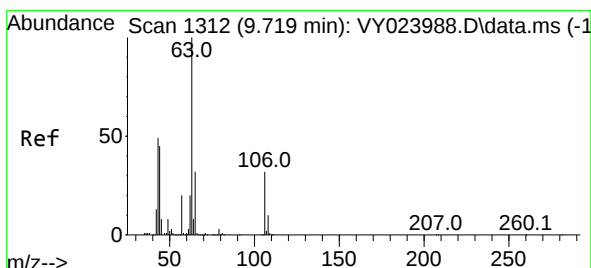
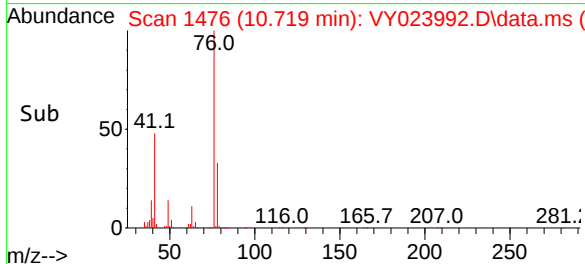
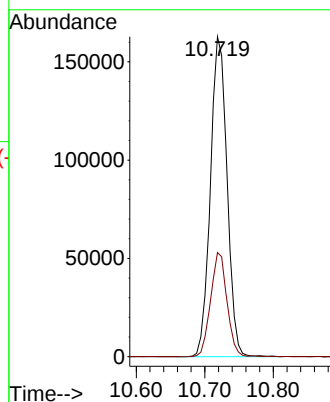
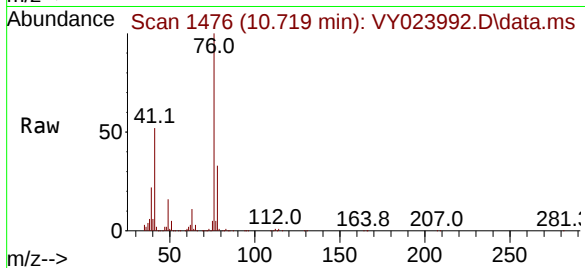
ICVY121625

Tgt Ion: 76 Resp: 274763

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 299.132 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY023992.D

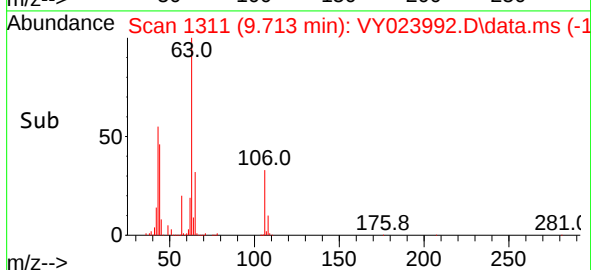
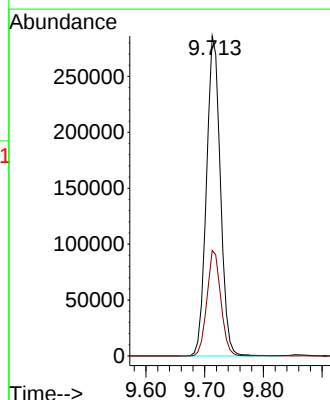
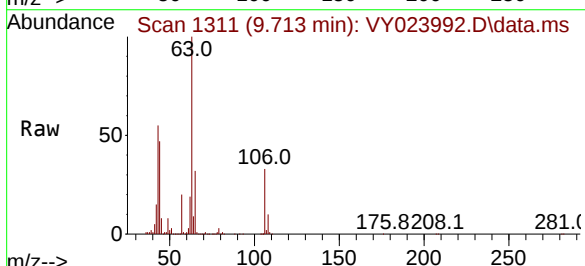
Acq: 16 Dec 2025 16:24

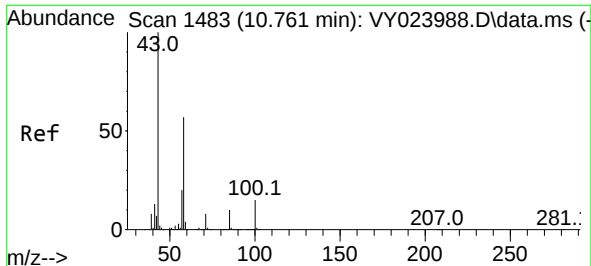
Tgt Ion: 63 Resp: 471773

Ion Ratio Lower Upper

63 100

106 32.8 25.8 38.8

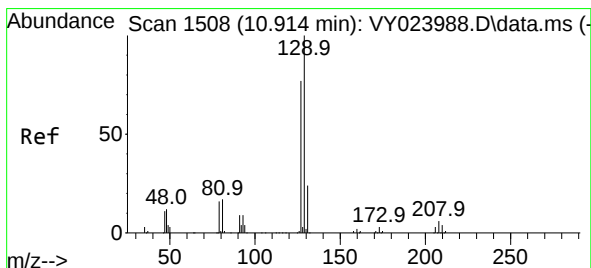
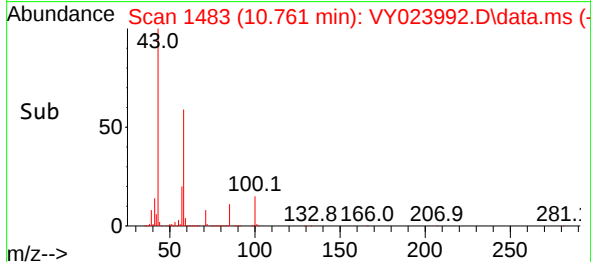
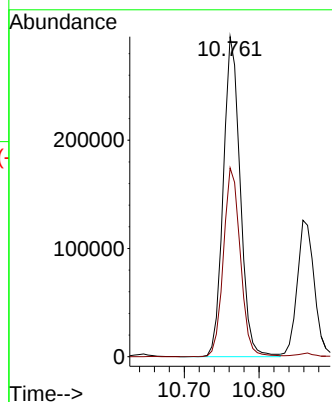
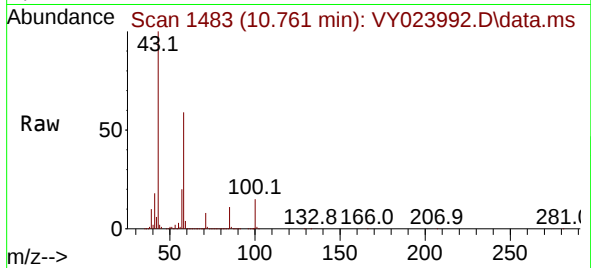




#59
2-Hexanone
Concen: 278.176 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

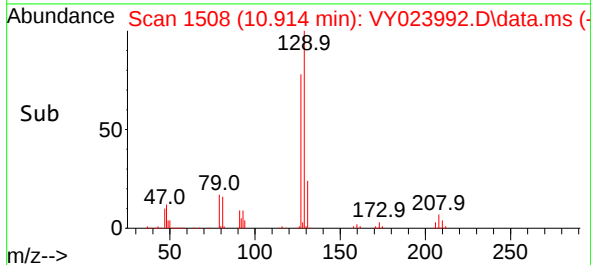
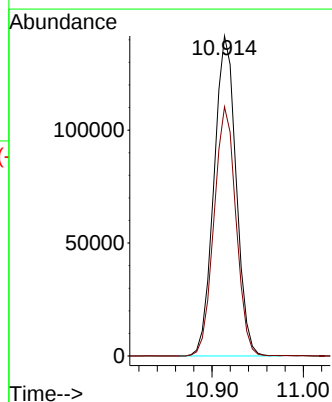
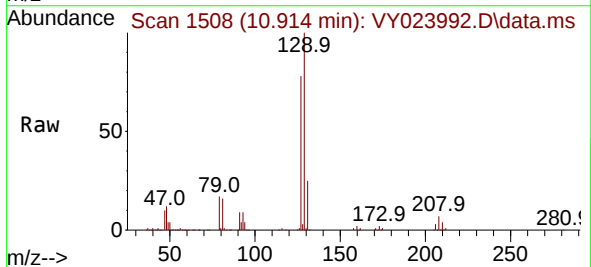
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

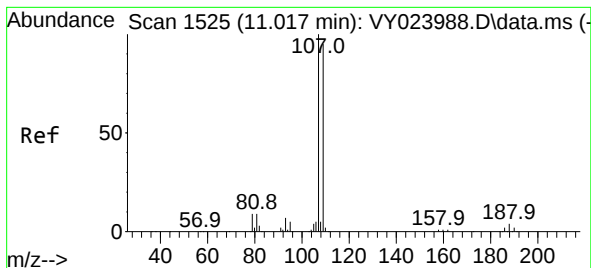
Tgt Ion: 43 Resp: 464221
Ion Ratio Lower Upper
43 100
58 59.1 29.6 88.9



#60
Dibromochloromethane
Concen: 51.667 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 129 Resp: 238729
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.572 ug/l

RT: 11.017 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

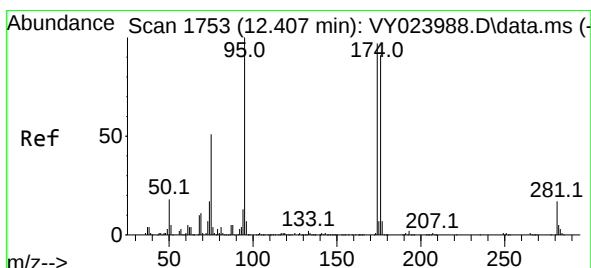
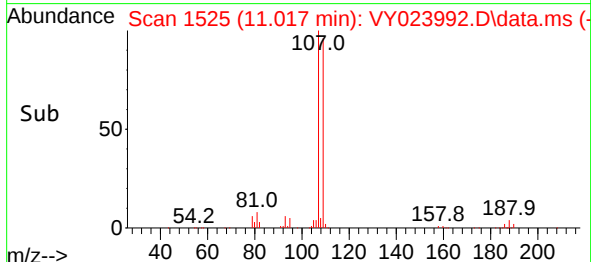
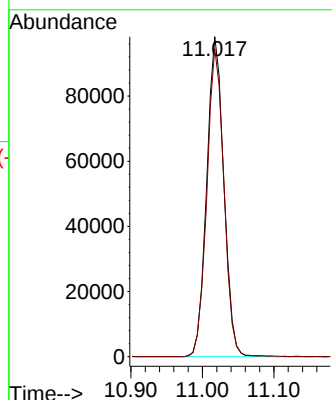
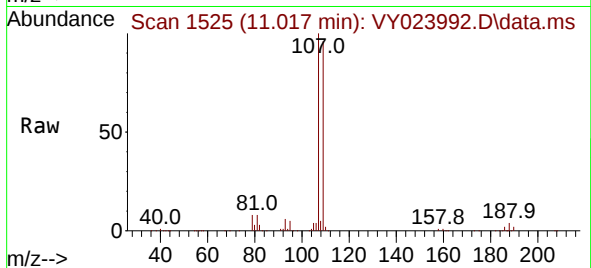
ICVY121625

Tgt Ion:107 Resp: 162974

Ion Ratio Lower Upper

107 100

109 96.1 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 48.495 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

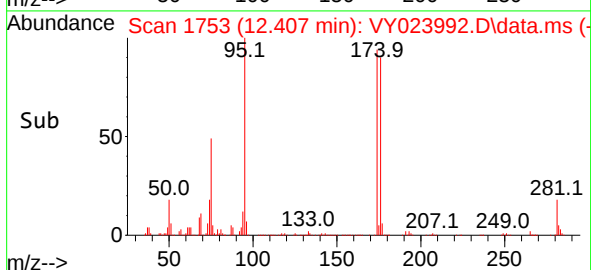
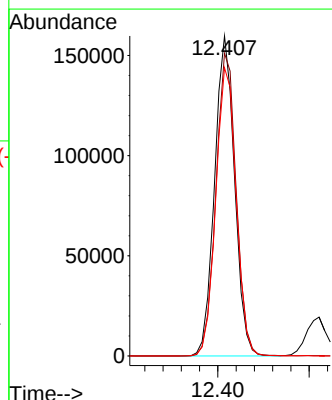
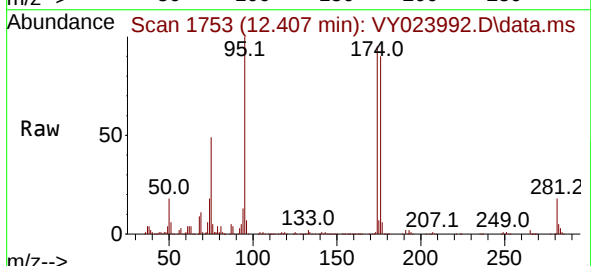
Tgt Ion: 95 Resp: 242427

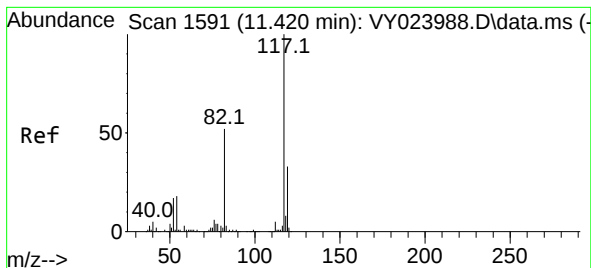
Ion Ratio Lower Upper

95 100

174 96.0 0.0 196.6

176 91.9 0.0 189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

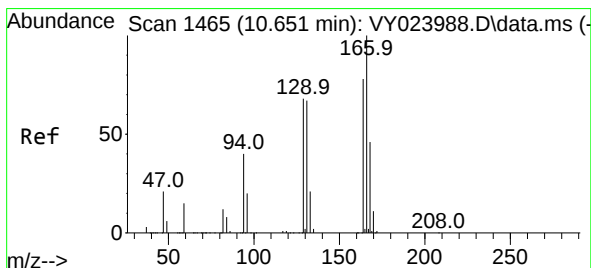
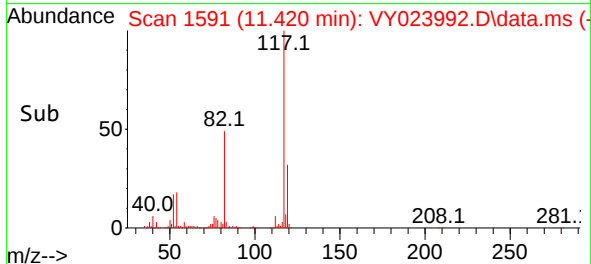
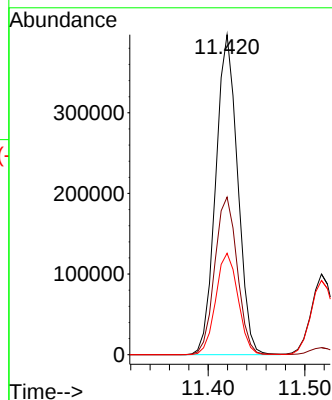
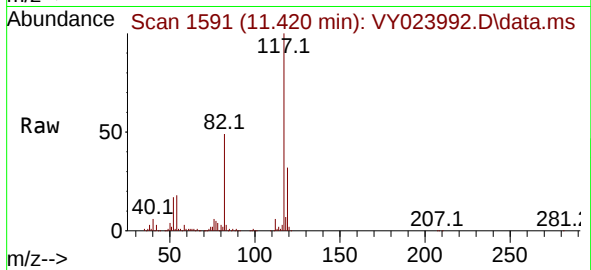
Tgt Ion:117 Resp: 624799

Ion Ratio Lower Upper

117 100

82 49.3 41.6 62.4

119 31.7 26.2 39.2



#64

Tetrachloroethene

Concen: 47.698 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Tgt Ion:164 Resp: 305771

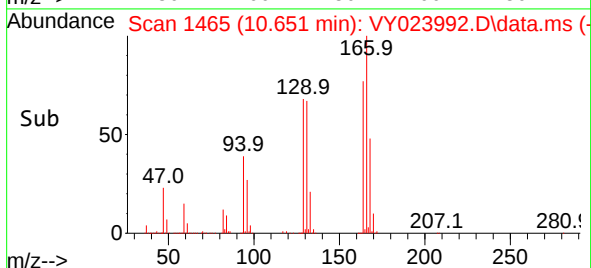
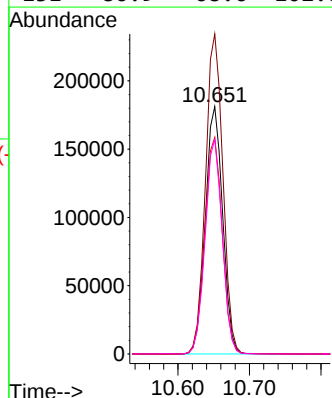
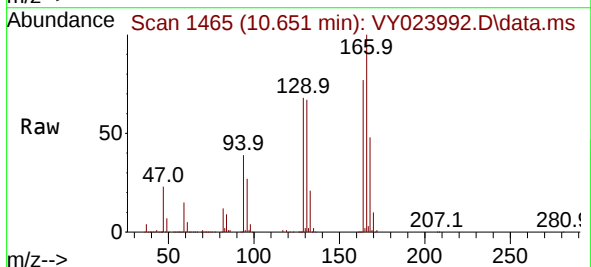
Ion Ratio Lower Upper

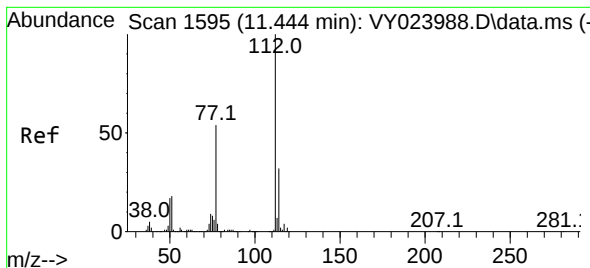
164 100

166 129.4 102.7 154.1

129 87.6 69.8 104.8

131 86.9 68.6 102.8

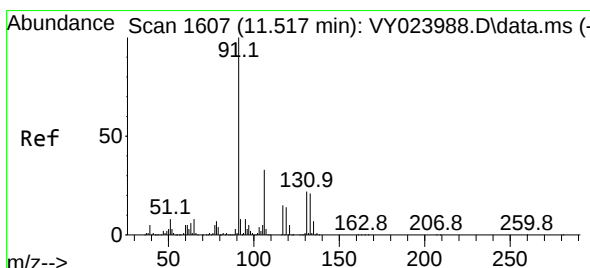
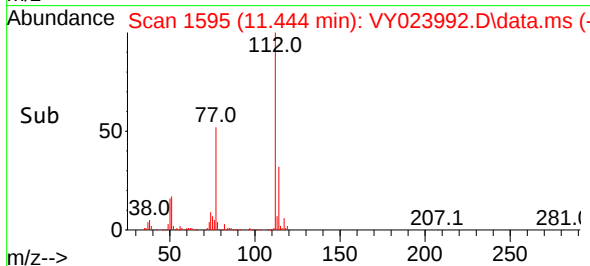
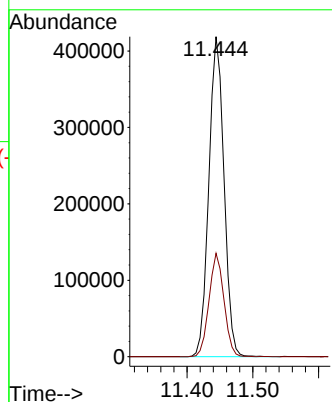
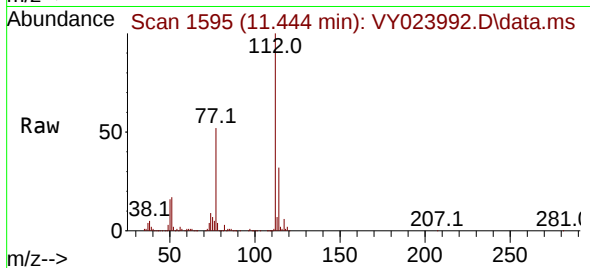




#65
Chlorobenzene
Concen: 48.869 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

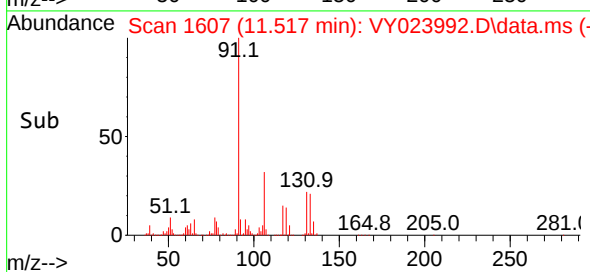
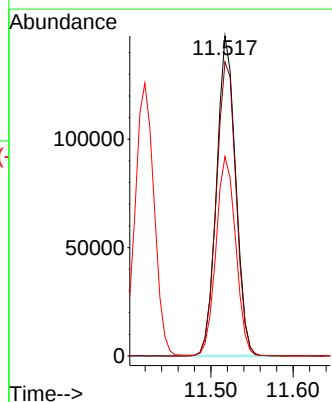
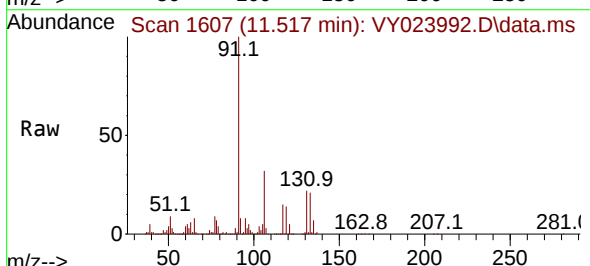
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

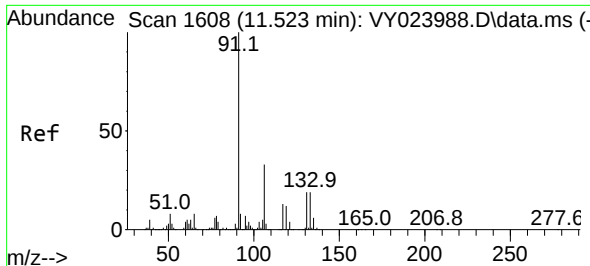
Tgt Ion:112 Resp: 671944
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.058 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion:131 Resp: 238076
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.5 32.4 97.2





#67

Ethyl Benzene

Concen: 49.975 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

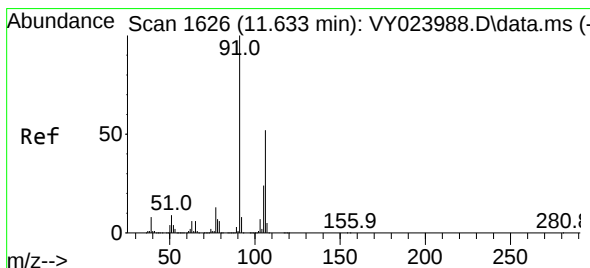
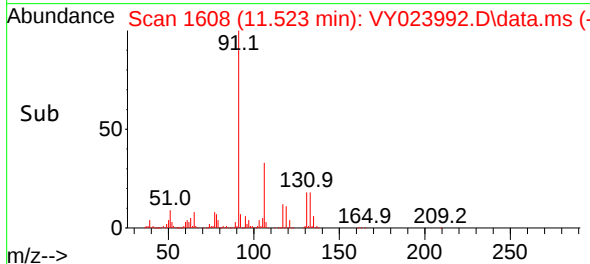
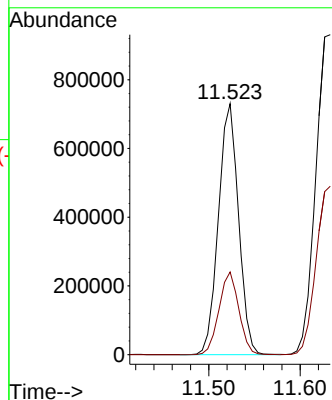
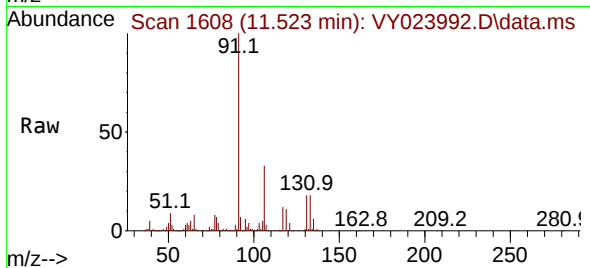
ICVVY121625

Tgt Ion: 91 Resp: 1117892

Ion Ratio Lower Upper

91 100

106 32.9 26.2 39.2



#68

m/p-Xylenes

Concen: 100.241 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023992.D

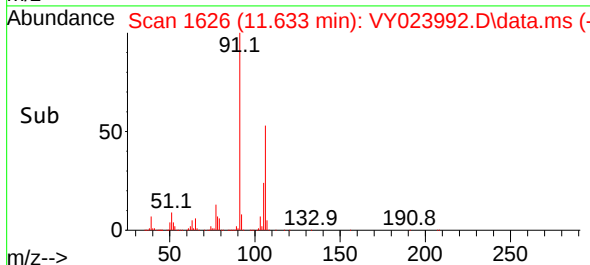
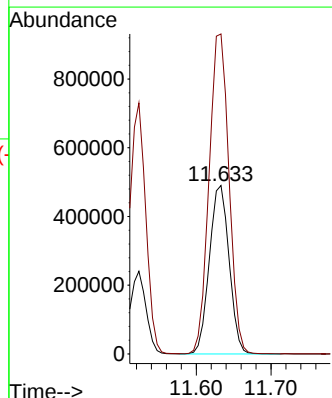
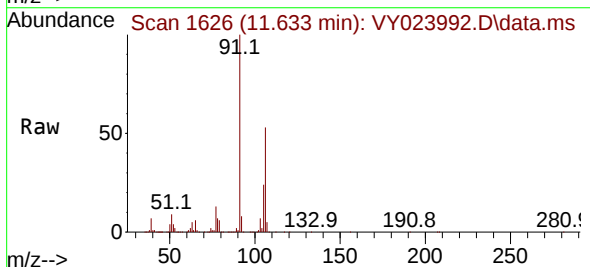
Acq: 16 Dec 2025 16:24

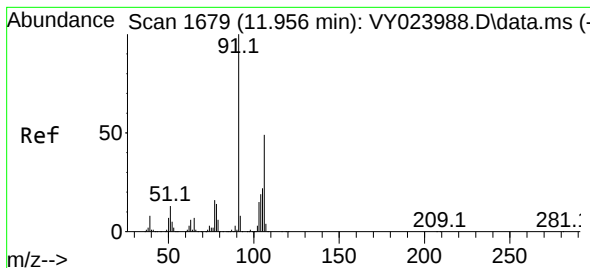
Tgt Ion:106 Resp: 900613

Ion Ratio Lower Upper

106 100

91 191.4 153.8 230.6





#69

o-Xylene

Concen: 50.923 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

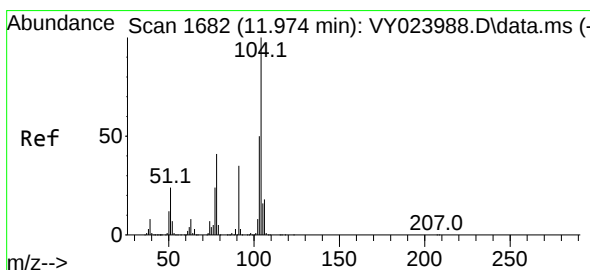
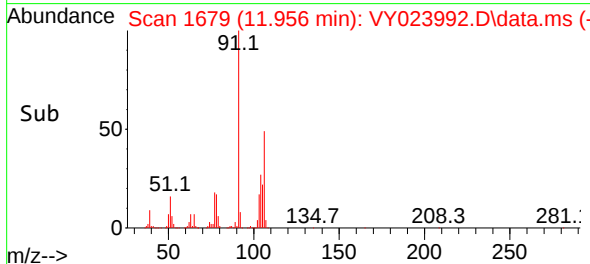
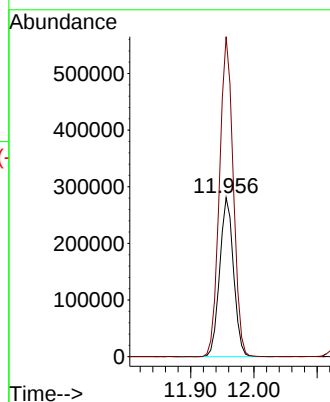
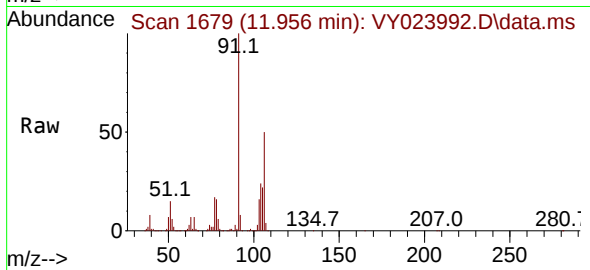
ICVVY121625

Tgt Ion:106 Resp: 425543

Ion Ratio Lower Upper

106 100

91 200.7 101.4 304.3



#70

Styrene

Concen: 51.812 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

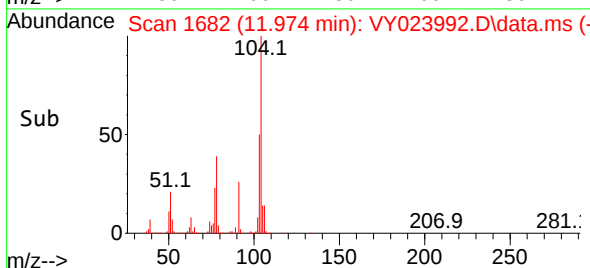
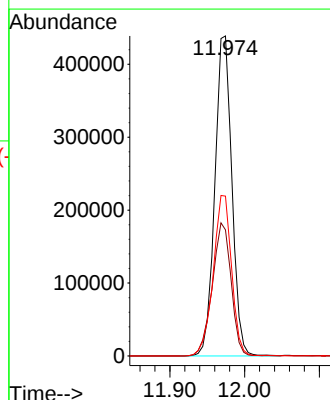
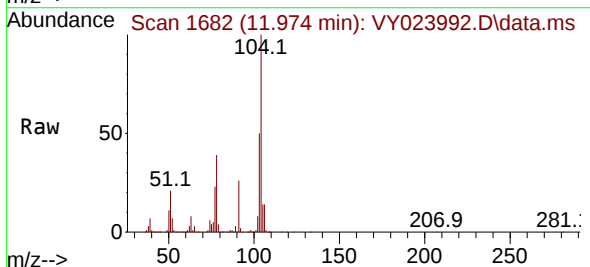
Tgt Ion:104 Resp: 694948

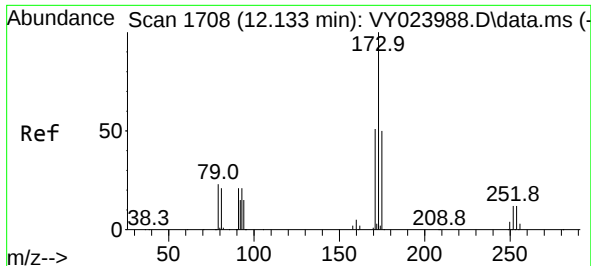
Ion Ratio Lower Upper

104 100

78 46.0 37.2 55.8

103 54.1 43.7 65.5

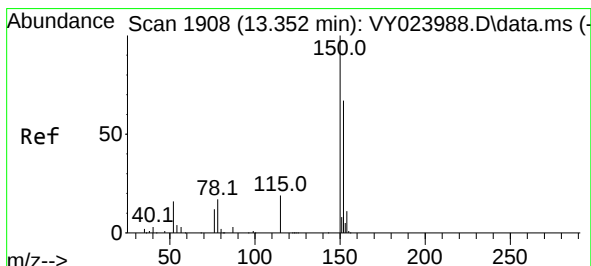
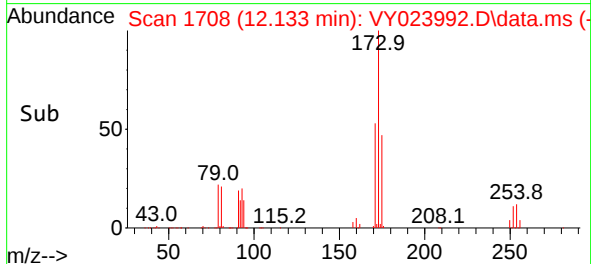
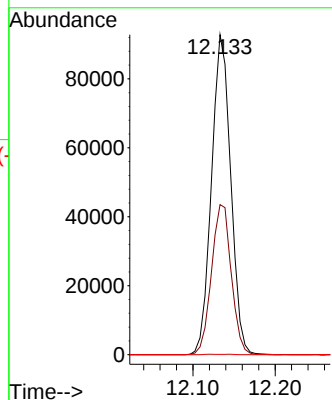
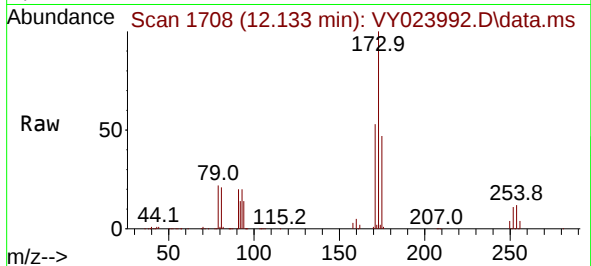




#71
Bromoform
Concen: 52.000 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

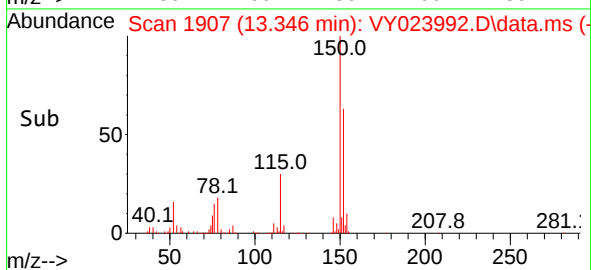
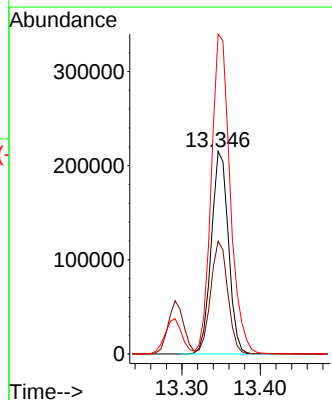
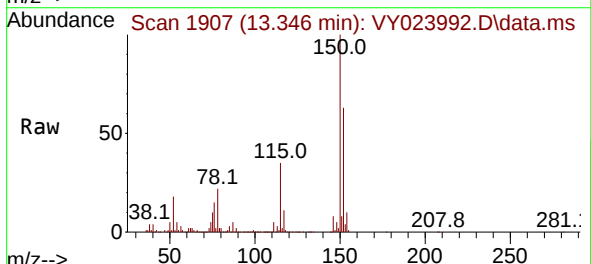
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

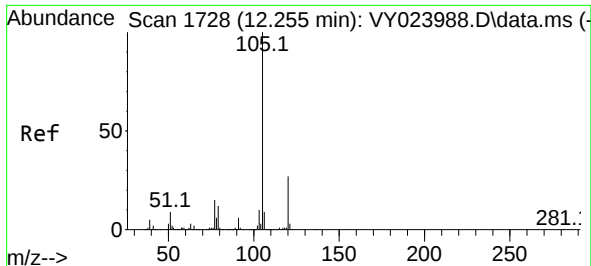
Tgt Ion:173 Resp: 150550
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.7
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion:152 Resp: 326501
Ion Ratio Lower Upper
152 100
115 55.4 27.2 81.5
150 174.1 0.0 349.6

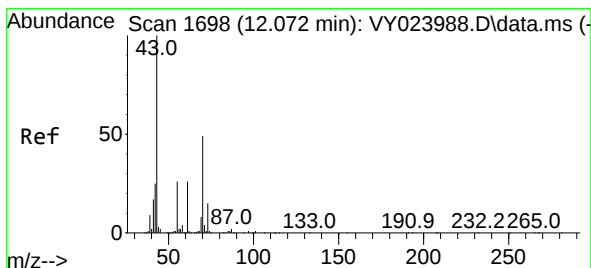
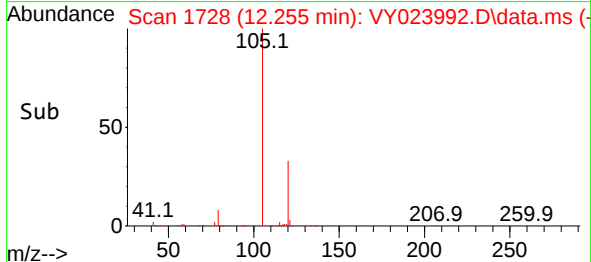
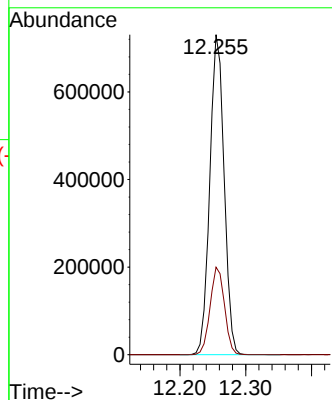
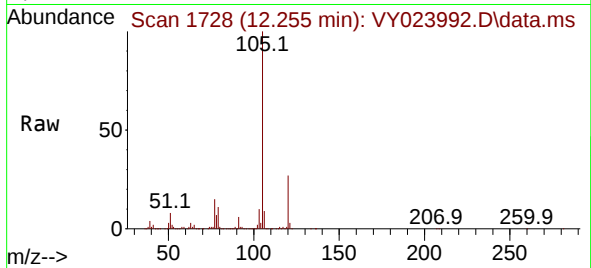




#73
Isopropylbenzene
Concen: 49.226 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

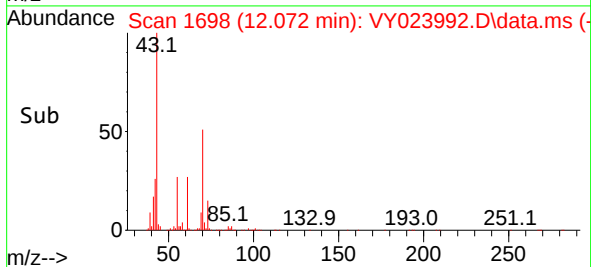
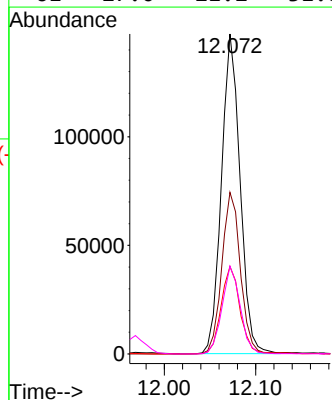
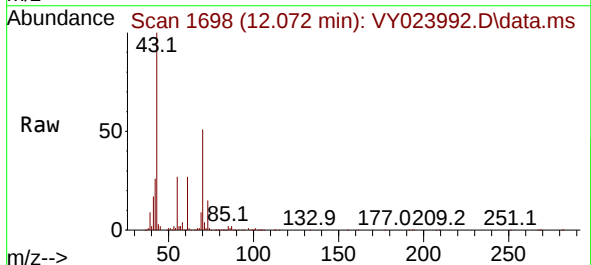
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121625

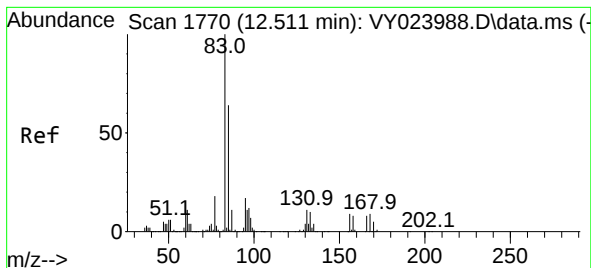
Tgt Ion:105 Resp: 1107097
Ion Ratio Lower Upper
105 100
120 27.5 13.8 41.4



#74
N-ethyl acetate
Concen: 48.077 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 43 Resp: 208477
Ion Ratio Lower Upper
43 100
70 51.1 39.3 58.9
55 28.2 22.5 33.7
61 27.0 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.221 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

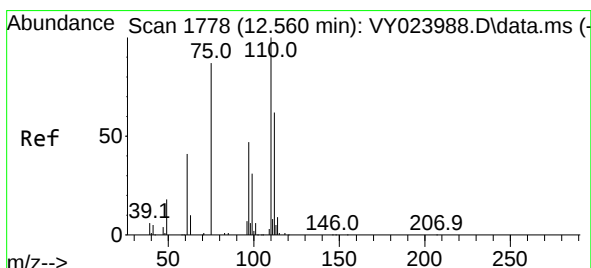
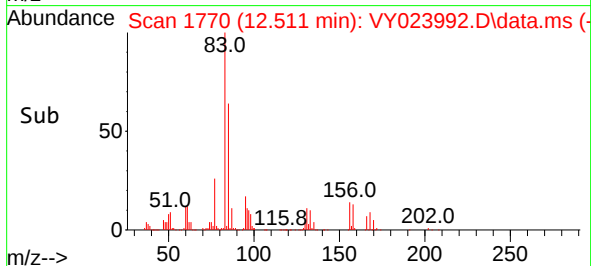
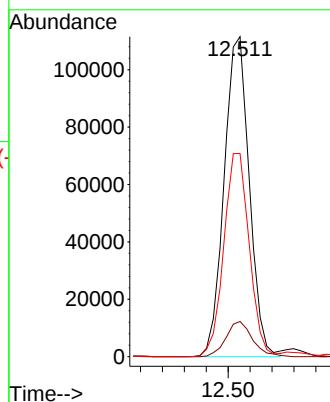
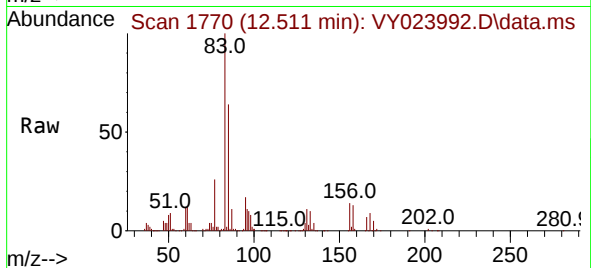
Tgt Ion: 83 Resp: 177939

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

85 64.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 87.124 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY023992.D

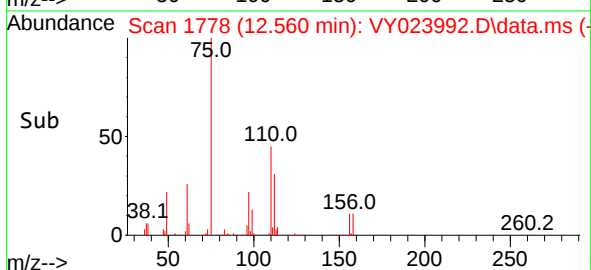
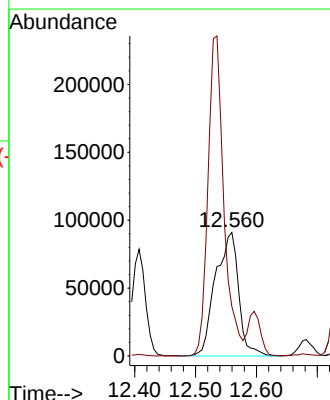
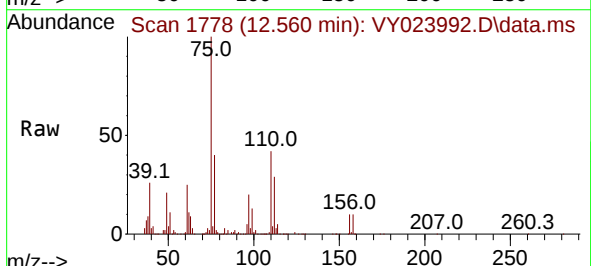
Acq: 16 Dec 2025 16:24

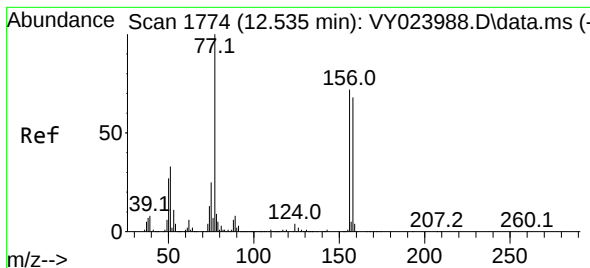
Tgt Ion: 75 Resp: 240198

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.578 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

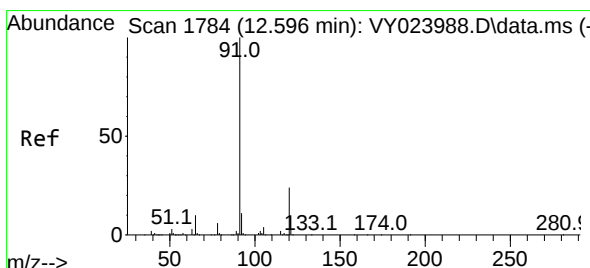
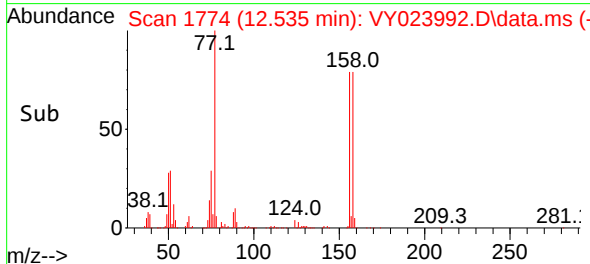
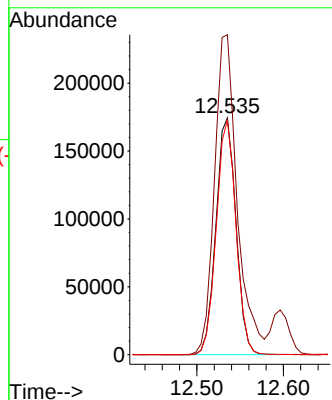
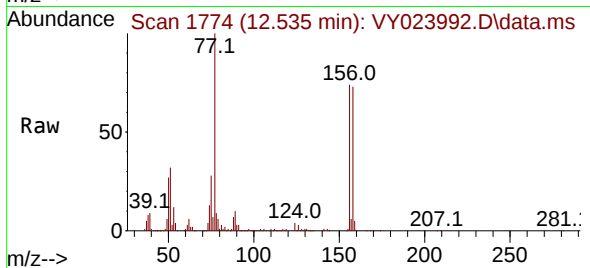
Tgt Ion:156 Resp: 280268

Ion Ratio Lower Upper

156 100

77 153.3 76.6 230.0

158 97.1 48.0 144.2



#78

n-propylbenzene

Concen: 49.798 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023992.D

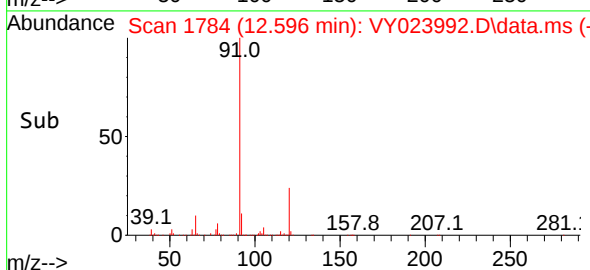
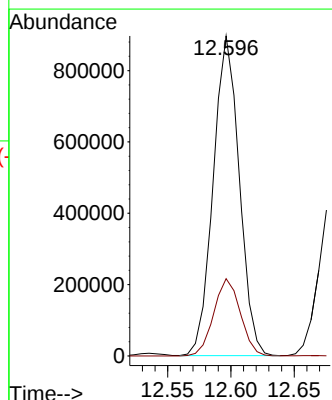
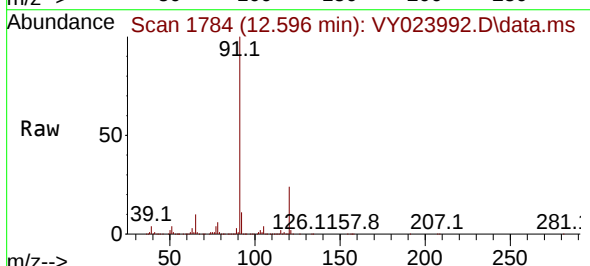
Acq: 16 Dec 2025 16:24

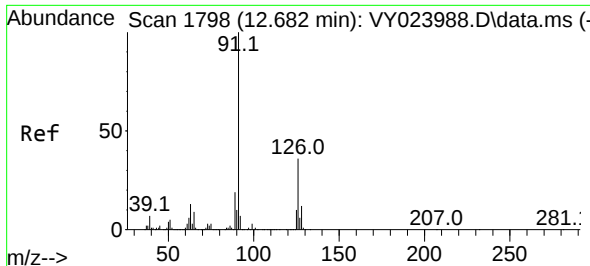
Tgt Ion: 91 Resp: 1283550

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.8

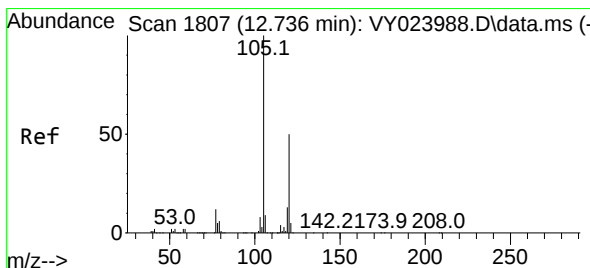
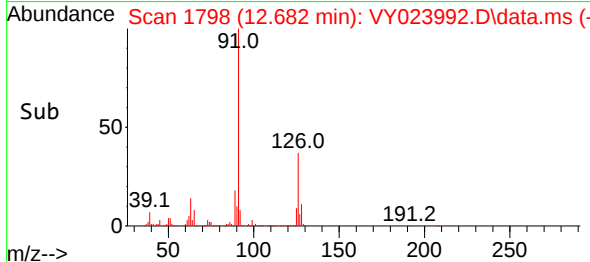
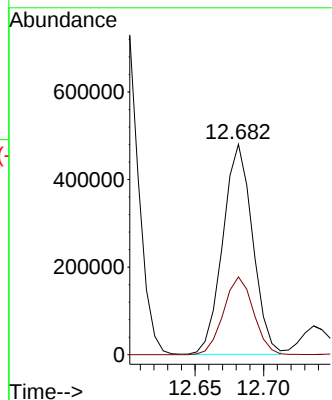
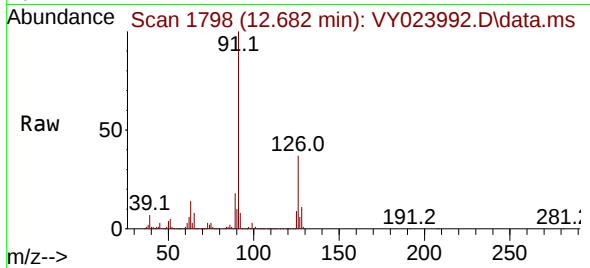




#79
2-Chlorotoluene
Concen: 49.239 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

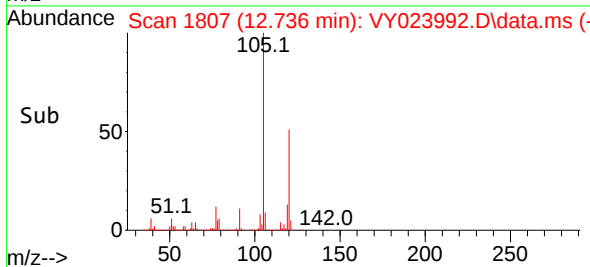
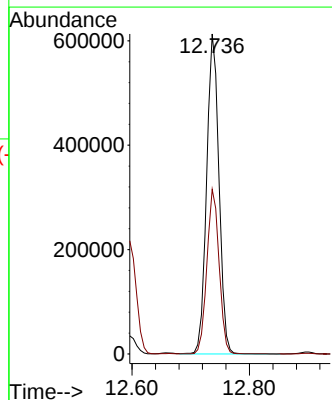
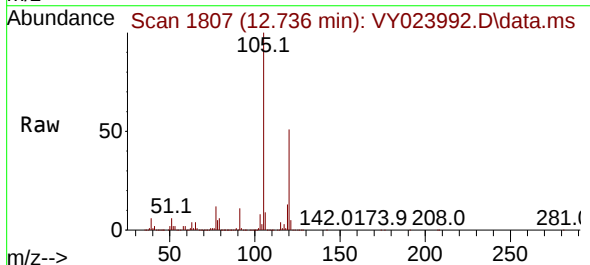
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

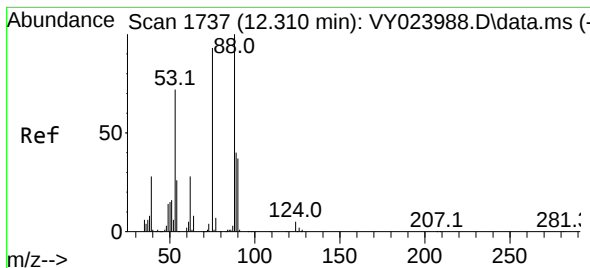
Tgt Ion: 91 Resp: 726529
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.2



#80
1,3,5-Trimethylbenzene
Concen: 50.415 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 105 Resp: 891552
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.6

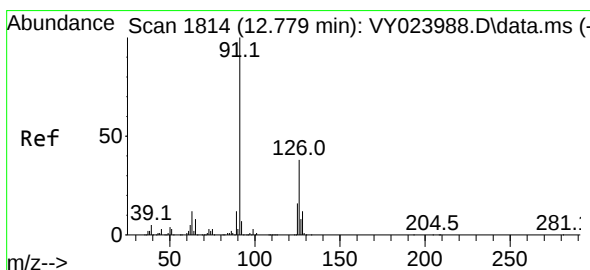
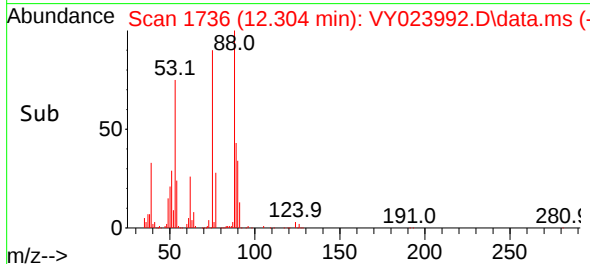
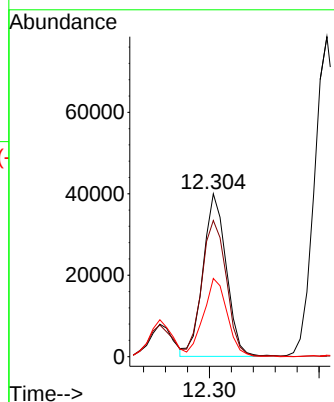
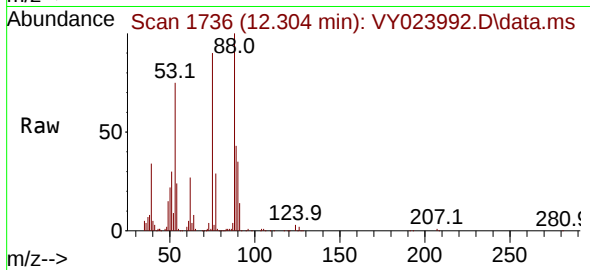




#81
trans-1,4-Dichloro-2-butene
Concen: 52.008 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

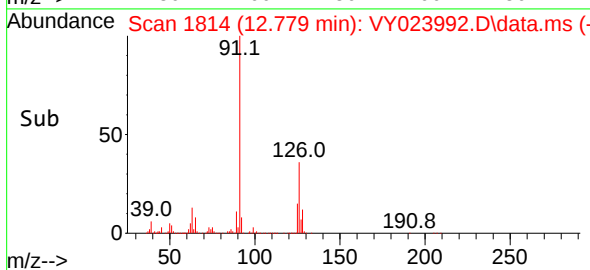
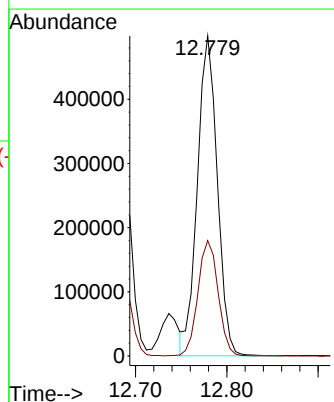
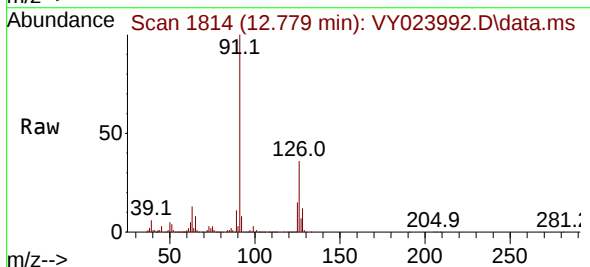
Instrument :
MSVOA_Y
ClientSampleId :
ICVY121625

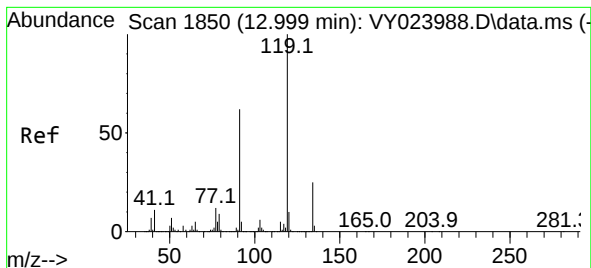
Tgt Ion: 75 Resp: 58747
Ion Ratio Lower Upper
75 100
53 87.9 69.9 104.9
89 49.2 38.6 57.8



#82
4-Chlorotoluene
Concen: 49.739 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023992.D
Acq: 16 Dec 2025 16:24

Tgt Ion: 91 Resp: 753520
Ion Ratio Lower Upper
91 100
126 36.5 18.5 55.5





#83

tert-Butylbenzene

Concen: 49.980 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

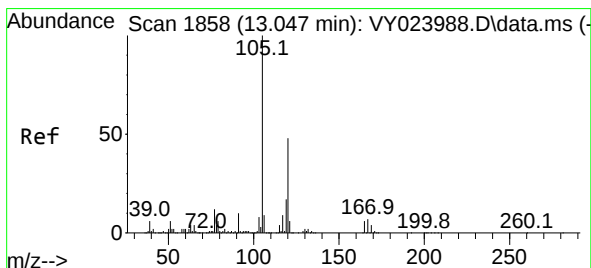
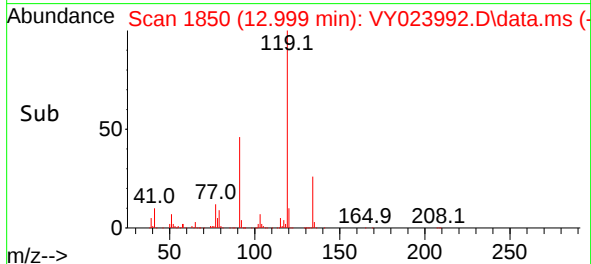
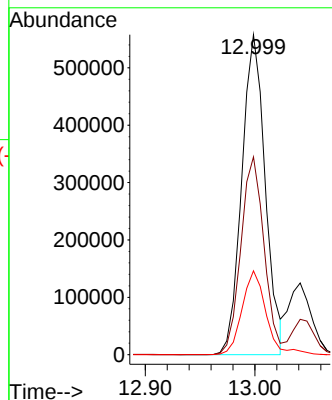
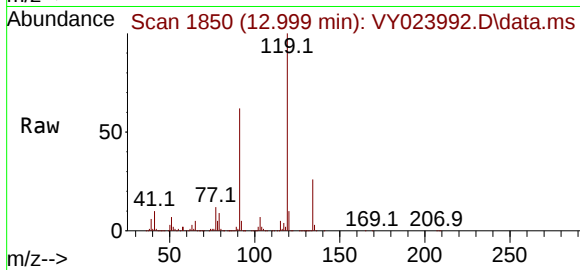
Tgt Ion:119 Resp: 829676

Ion Ratio Lower Upper

119 100

91 61.0 29.8 89.4

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.496 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY023992.D

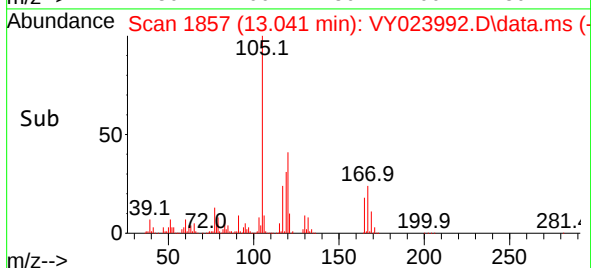
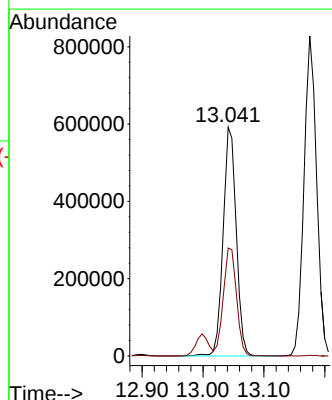
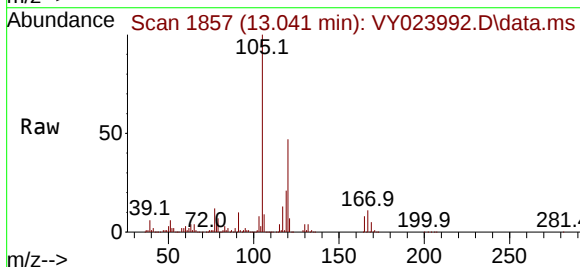
Acq: 16 Dec 2025 16:24

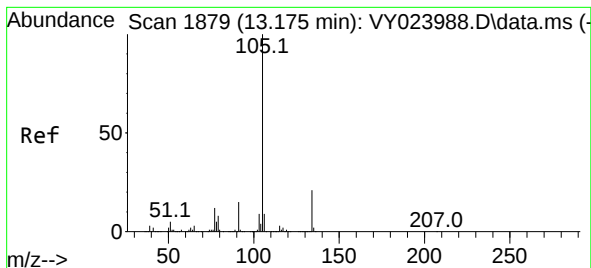
Tgt Ion:105 Resp: 882907

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5





#85

sec-Butylbenzene

Concen: 49.635 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

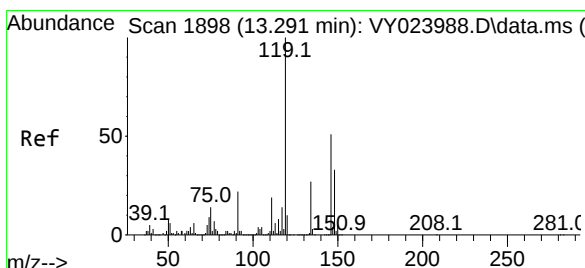
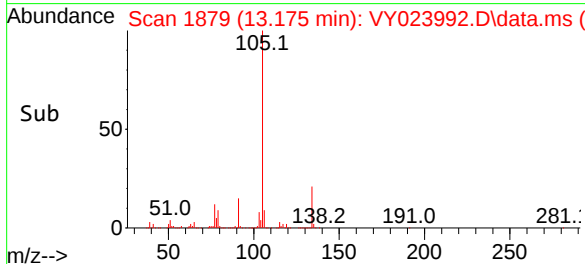
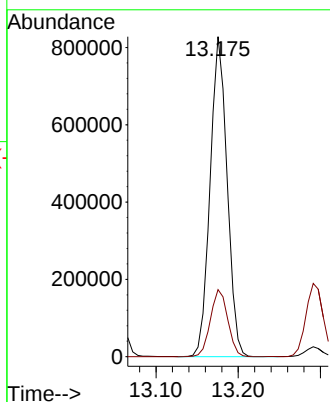
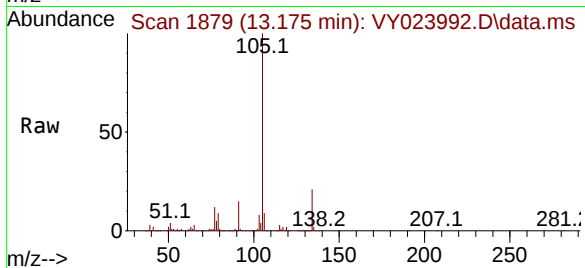
ICVY121625

Tgt Ion:105 Resp: 1189378

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.265 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

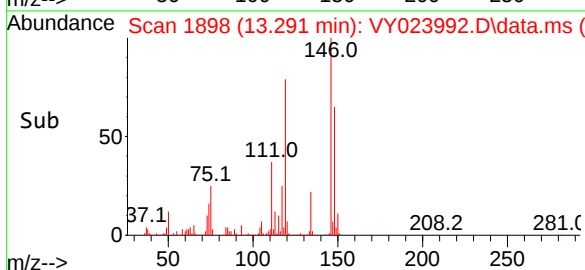
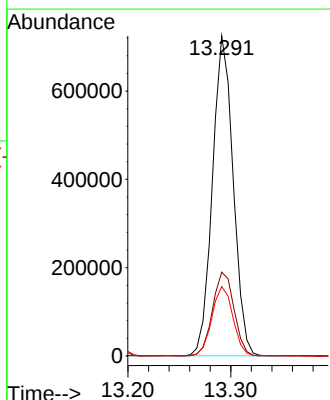
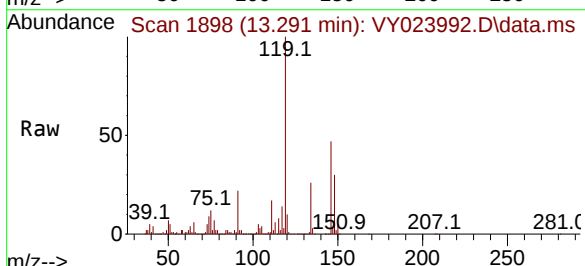
Tgt Ion:119 Resp: 1011901

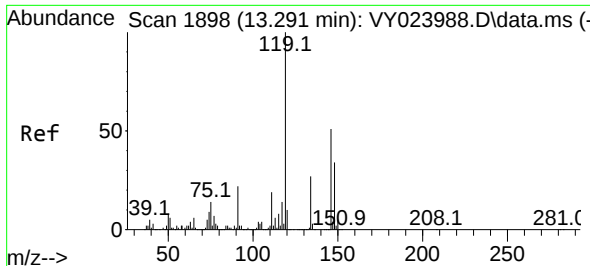
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.0

91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.057 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

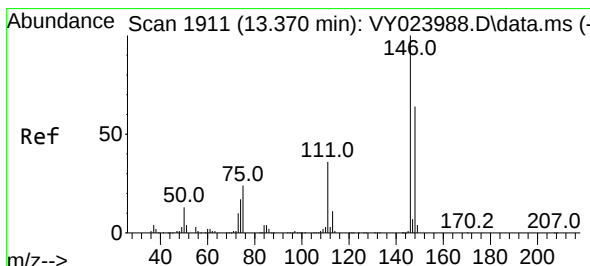
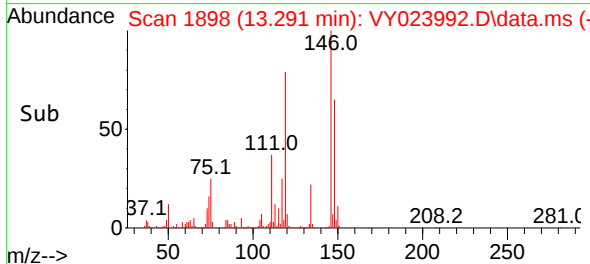
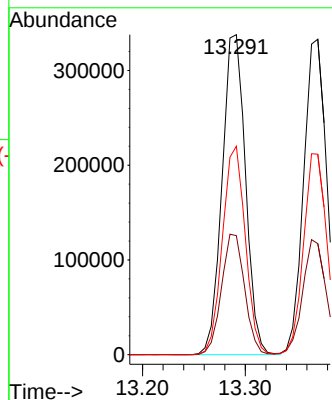
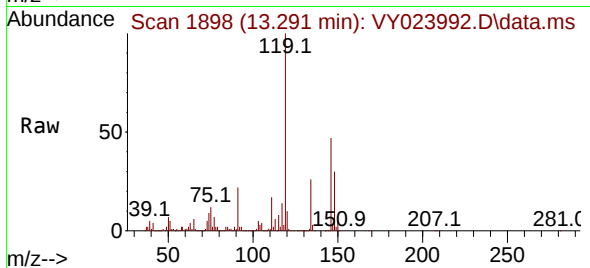
Tgt Ion:146 Resp: 533594

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.911 ug/l

RT: 13.370 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

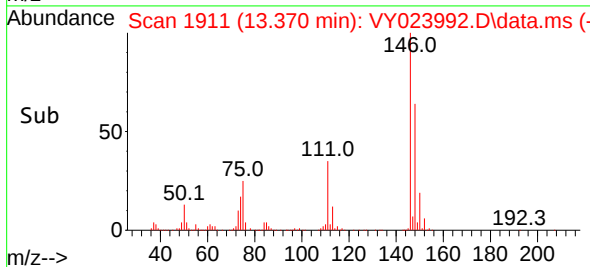
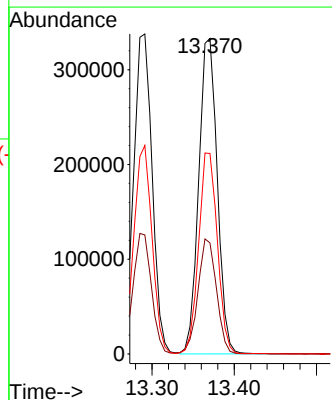
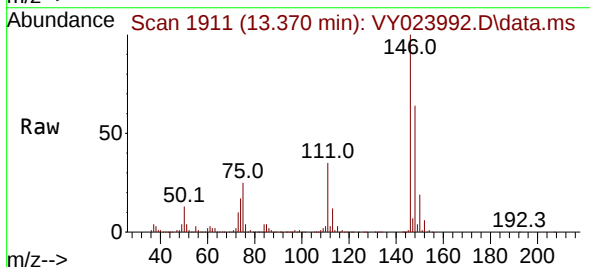
Tgt Ion:146 Resp: 522127

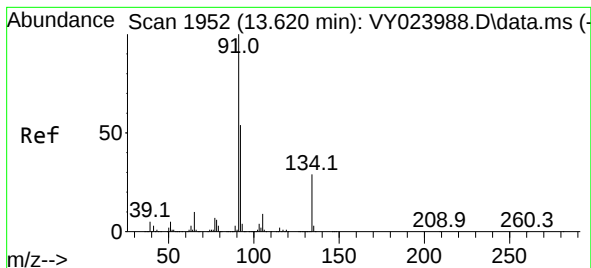
Ion Ratio Lower Upper

146 100

111 36.3 17.9 53.8

148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 50.747 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

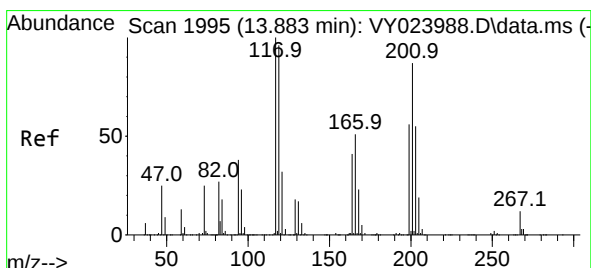
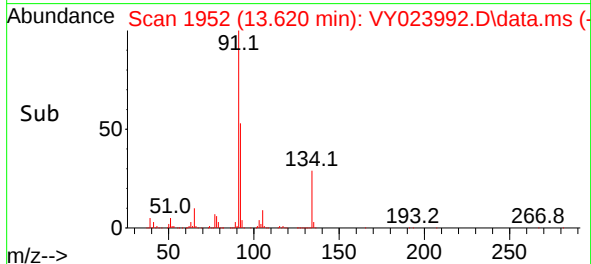
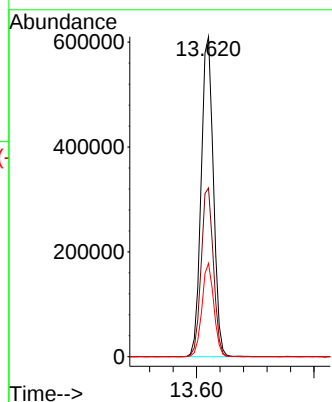
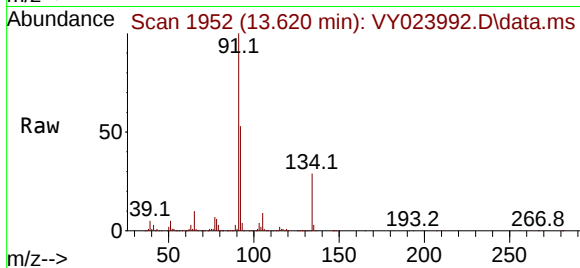
Tgt Ion: 91 Resp: 882571

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 28.4 14.2 42.6



#90

Hexachloroethane

Concen: 48.292 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023992.D

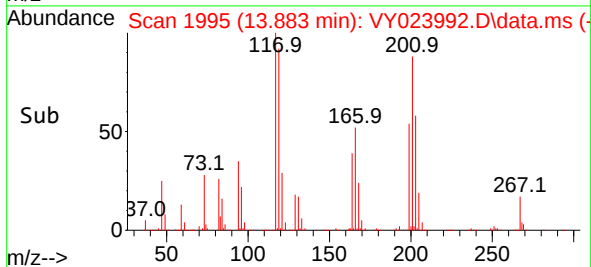
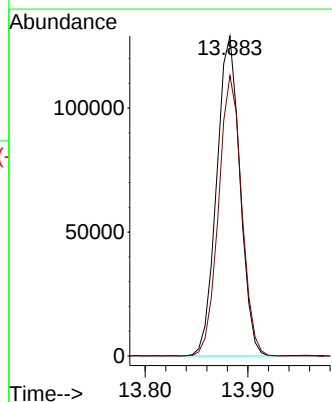
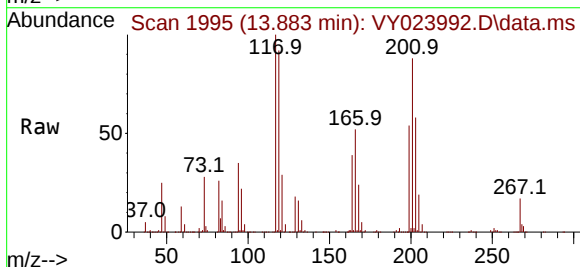
Acq: 16 Dec 2025 16:24

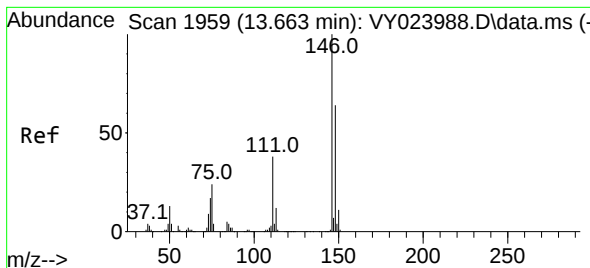
Tgt Ion: 117 Resp: 202968

Ion Ratio Lower Upper

117 100

201 86.8 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 49.900 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

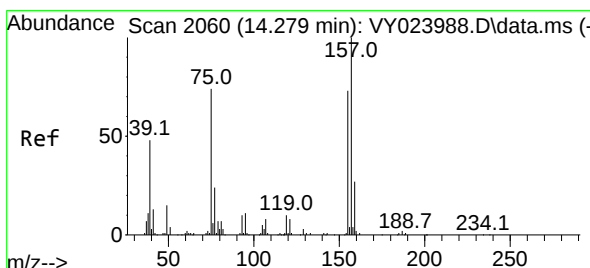
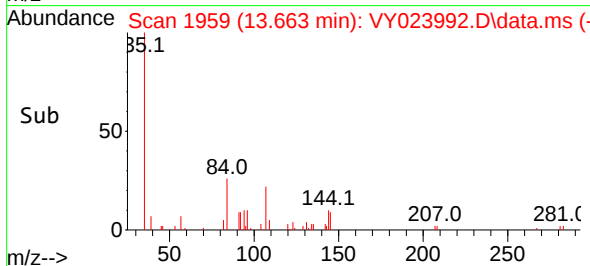
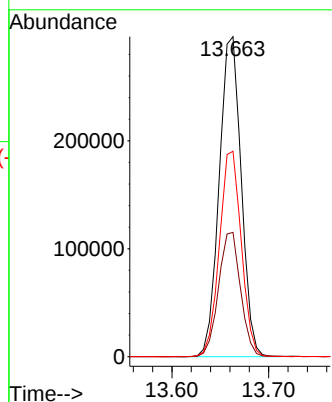
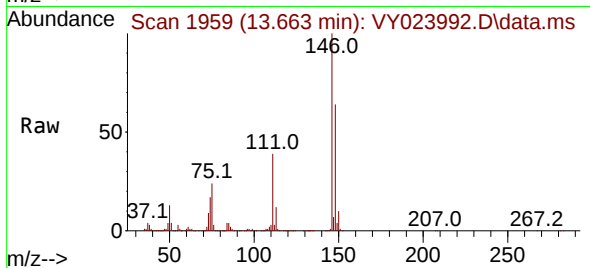
Tgt Ion:146 Resp: 468158

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.4

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.153 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

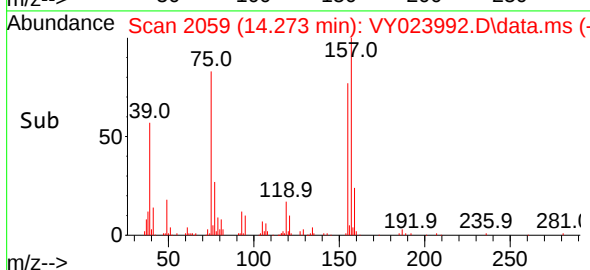
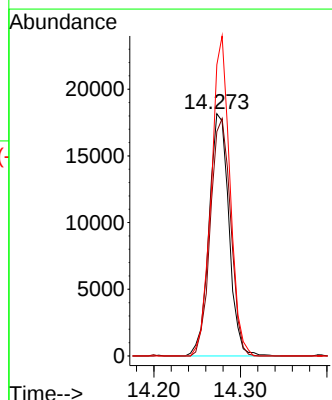
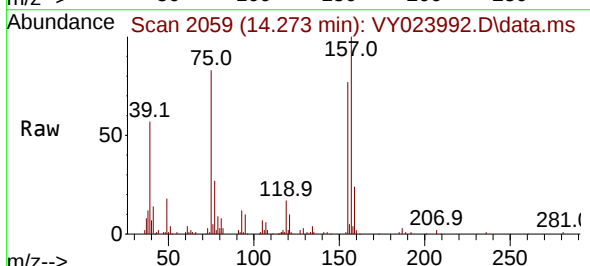
Tgt Ion: 75 Resp: 28878

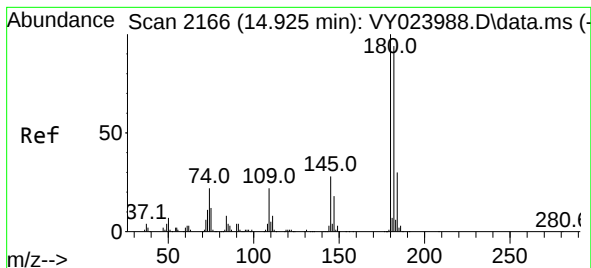
Ion Ratio Lower Upper

75 100

155 99.8 49.3 147.8

157 124.2 64.3 192.9





#93

1,2,4-Trichlorobenzene

Concen: 53.465 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVY121625

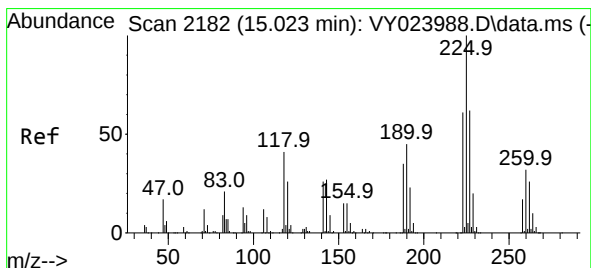
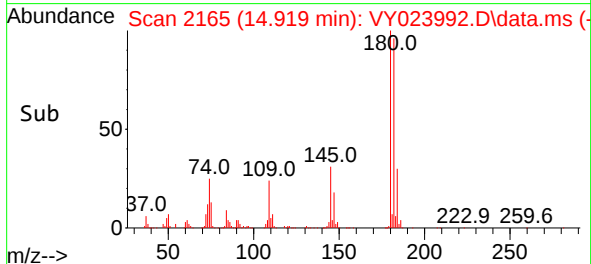
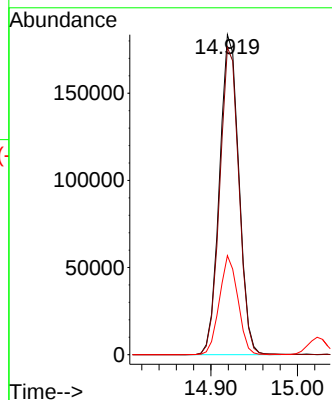
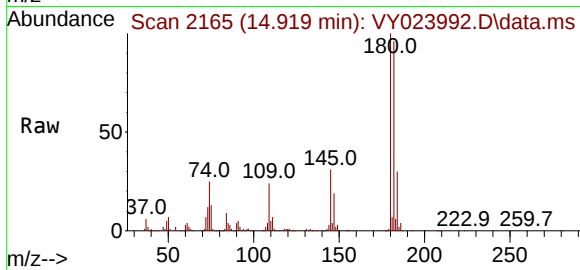
Tgt Ion:180 Resp: 285342

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 29.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 49.762 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

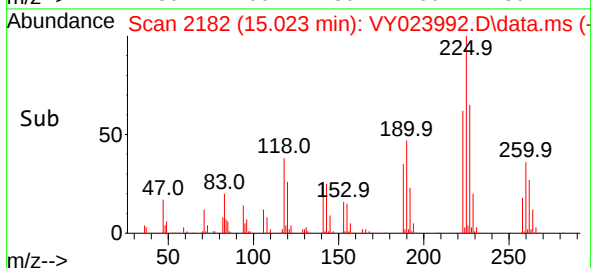
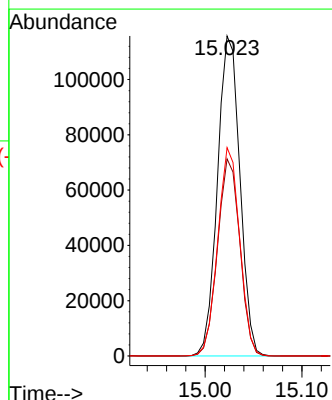
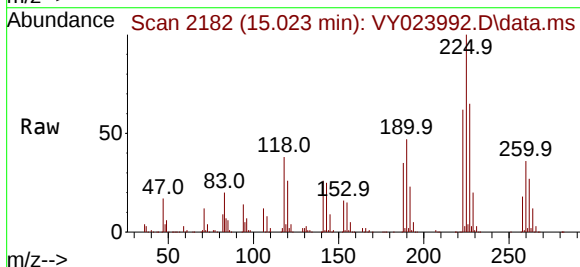
Tgt Ion:225 Resp: 185932

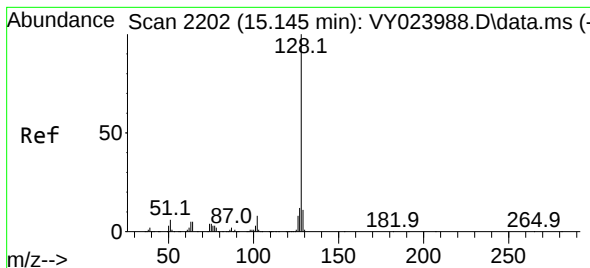
Ion Ratio Lower Upper

225 100

223 61.2 30.9 92.5

227 63.9 32.1 96.3





#95

Naphthalene

Concen: 52.215 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY121625

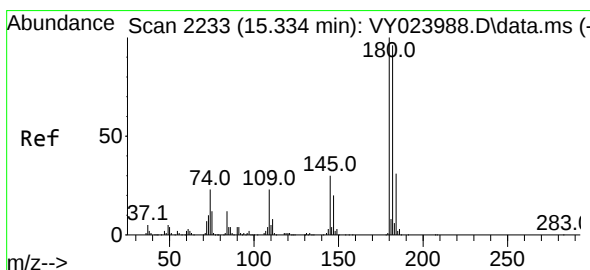
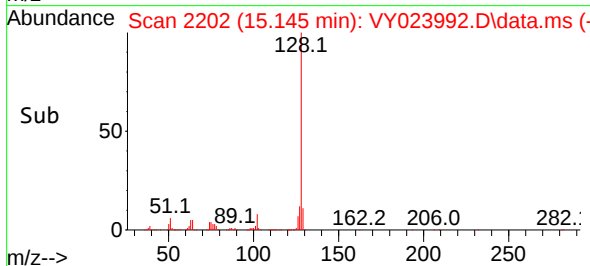
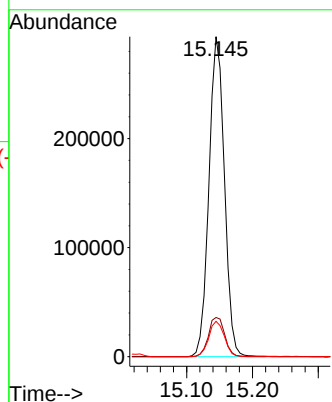
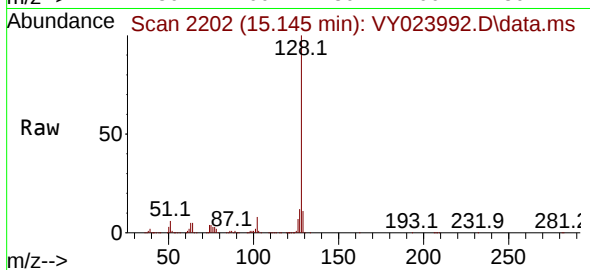
Tgt Ion:128 Resp: 480835

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.273 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023992.D

Acq: 16 Dec 2025 16:24

Tgt Ion:180 Resp: 247558

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 30.2 15.6 46.7

