

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023664.D
 Acq On : 04 Nov 2025 10:42
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 05 04:28:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:24:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	575867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	844654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	748313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	234526	47.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.634	113	261509	49.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.109	98	1004143	51.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.401	95	327509	51.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	158310	41.880	ug/l	100
3) Chloromethane	2.074	50	237663	44.928	ug/l	100
4) Vinyl Chloride	2.208	62	315113	45.779	ug/l	100
5) Bromomethane	2.598	94	255339	44.099	ug/l	100
6) Chloroethane	2.739	64	222257	46.718	ug/l	100
7) Trichlorofluoromethane	3.062	101	448928	46.308	ug/l	100
8) Diethyl Ether	3.458	74	122314	47.049	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	249353	46.685	ug/l	100
10) Methyl Iodide	4.007	142	329865	52.300	ug/l	100
11) Tert butyl alcohol	4.866	59	65929	208.147	ug/l	100
12) 1,1-Dichloroethene	3.793	96	242599	47.151	ug/l	100
13) Acrolein	3.653	56	85009	208.809	ug/l	100
14) Allyl chloride	4.385	41	303471	48.458	ug/l	100
15) Acrylonitrile	5.061	53	234014	235.546	ug/l	100
16) Acetone	3.866	43	272077	222.826	ug/l	100
17) Carbon Disulfide	4.110	76	741781	46.973	ug/l	100
18) Methyl Acetate	4.385	43	121078	44.957	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	580730	48.676	ug/l	100
20) Methylene Chloride	4.616	84	264862	44.934	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	280571	48.364	ug/l	100
22) Diisopropyl ether	6.025	45	703596	50.420	ug/l	100
23) Vinyl Acetate	5.964	43	1877953	252.183	ug/l	100
24) 1,1-Dichloroethane	5.915	63	446287	48.007	ug/l	100
25) 2-Butanone	6.896	43	319404	226.250	ug/l	100
26) 2,2-Dichloropropane	6.890	77	408039	47.716	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	322689	48.703	ug/l	100
28) Bromochloromethane	7.244	49	167148	46.958	ug/l	100
29) Tetrahydrofuran	7.262	42	178179	236.990	ug/l	100
30) Chloroform	7.421	83	497055	47.921	ug/l	100
31) Cyclohexane	7.701	56	381239	47.090	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	442659	47.750	ug/l	100
36) 1,1-Dichloropropene	7.835	75	345431	48.973	ug/l	100
37) Ethyl Acetate	6.982	43	130827	47.912	ug/l	100
38) Carbon Tetrachloride	7.817	117	402944	48.486	ug/l	100
39) Methylcyclohexane	9.109	83	454885	50.473	ug/l	100
40) Benzene	8.079	78	1087048	48.893	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	71198	48.884	ug/l	100
42) 1,2-Dichloroethane	8.158	62	270723	48.130	ug/l	100
43) Isopropyl Acetate	8.195	43	249080	48.549	ug/l	100
44) Trichloroethene	8.866	130	308925	48.377	ug/l	100
45) 1,2-Dichloropropane	9.140	63	239811	48.873	ug/l	100
46) Dibromomethane	9.231	93	146001	48.022	ug/l	100
47) Bromodichloromethane	9.420	83	374866	48.904	ug/l	100
48) Methyl methacrylate	9.219	41	122935	50.717	ug/l	100
49) 1,4-Dioxane	9.231	88	30413	977.461	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	667795	244.757	ug/l	100
52) Toluene	10.170	92	721090	50.801	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	326566	50.350	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	391126	50.333	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	197468	48.601	ug/l	100
56) Ethyl methacrylate	10.438	69	233410	52.139	ug/l	100
57) 1,3-Dichloropropane	10.719	76	317296	49.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	538181	261.987	ug/l	100
59) 2-Hexanone	10.762	43	483563	242.927	ug/l	100
60) Dibromochloromethane	10.908	129	275217	49.299	ug/l	100
61) 1,2-Dibromoethane	11.011	107	187108	49.070	ug/l	100
64) Tetrachloroethene	10.646	164	383425	49.228	ug/l	100
65) Chlorobenzene	11.438	112	798384	49.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	282049	48.962	ug/l	100
67) Ethyl Benzene	11.517	91	1352193	51.285	ug/l	100
68) m/p-Xylenes	11.627	106	1088606	103.340	ug/l	100
69) o-Xylene	11.956	106	504648	51.824	ug/l	100
70) Styrene	11.969	104	838808	52.208	ug/l	100
71) Bromoform	12.133	173	163771	48.678	ug/l	100
73) Isopropylbenzene	12.255	105	1311582	51.752	ug/l	100
74) N-amyl acetate	12.066	43	218665	50.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	190486	47.061	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	264071	86.109	ug/l #	100
77) Bromobenzene	12.530	156	326732	49.702	ug/l	100
78) n-propylbenzene	12.597	91	1548019	51.929	ug/l	100
79) 2-Chlorotoluene	12.676	91	881152	50.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1073705	52.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	65310	48.129	ug/l	100
82) 4-Chlorotoluene	12.773	91	904469	50.699	ug/l	100
83) tert-Butylbenzene	12.993	119	969322	51.686	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1068009	52.367	ug/l	100
85) sec-Butylbenzene	13.176	105	1392655	51.485	ug/l	100
86) p-Isopropyltoluene	13.292	119	1199869	52.399	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	641830	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	625847	49.241	ug/l	100
89) n-Butylbenzene	13.615	91	1042799	52.370	ug/l	100
90) Hexachloroethane	13.877	117	242026	49.183	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	550837	49.400	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28889	46.355	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	323218	50.677	ug/l	100
94) Hexachlorobutadiene	15.023	225	209077	50.032	ug/l	100
95) Naphthalene	15.145	128	491886	44.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	271777	51.002	ug/l	100

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ClientSampleId :
VSTDICCC050

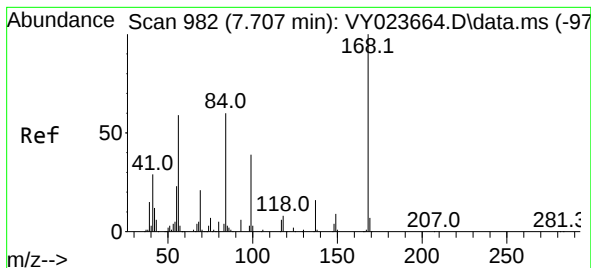
Quant Time: Nov 05 04:28:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023664.D

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Instrument :

MSVOA_Y

ClientSampleId :

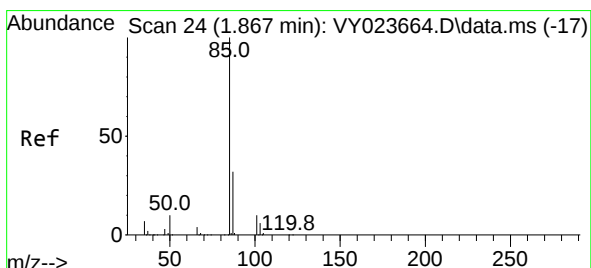
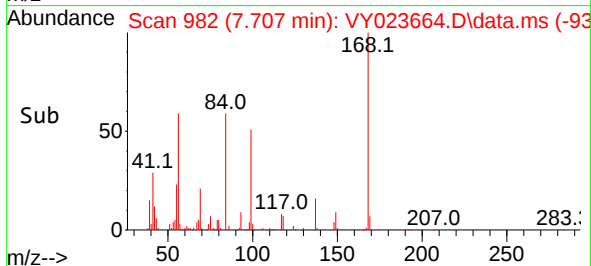
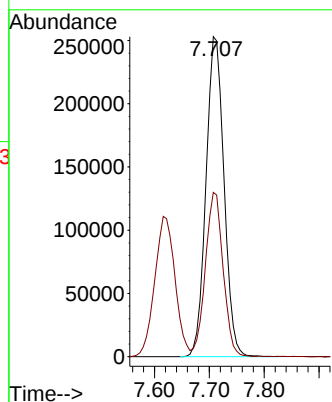
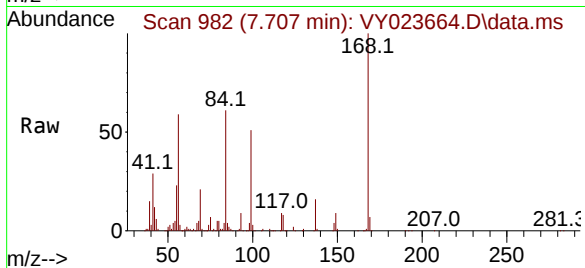
VSTDICCC050

Tgt Ion:168 Resp: 575867

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



#2

Dichlorodifluoromethane

Concen: 41.880 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY023664.D

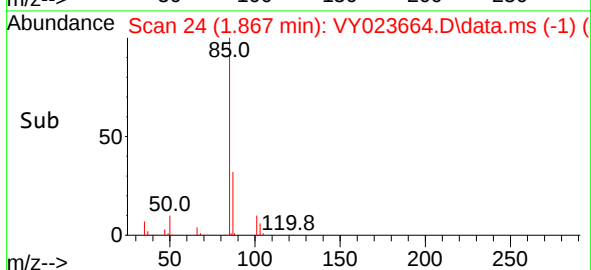
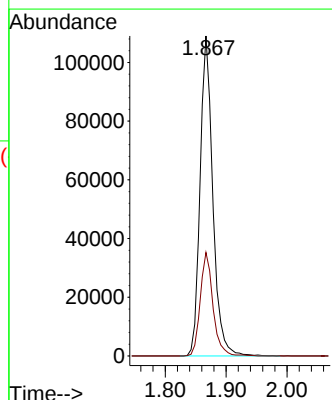
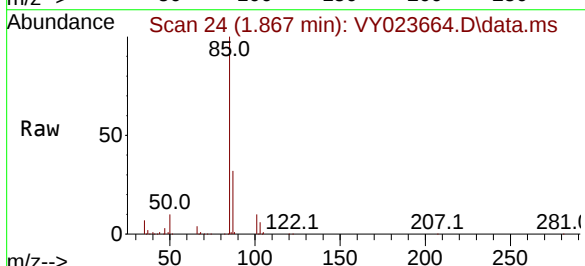
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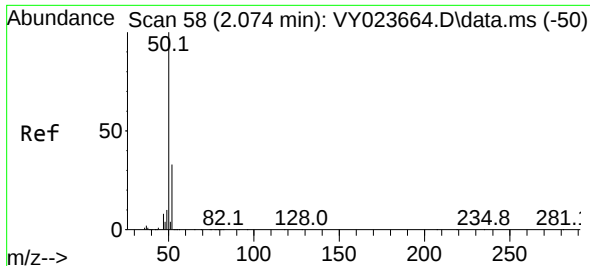
Tgt Ion: 85 Resp: 158310

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6

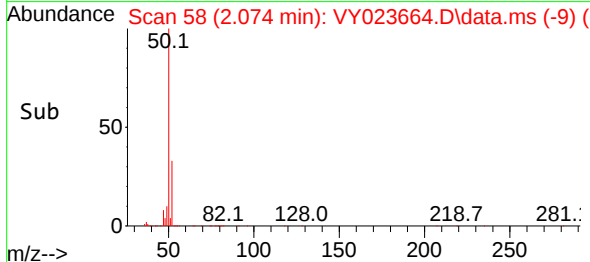
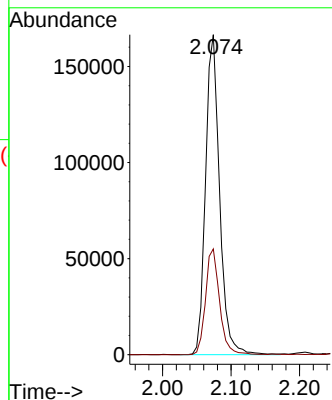
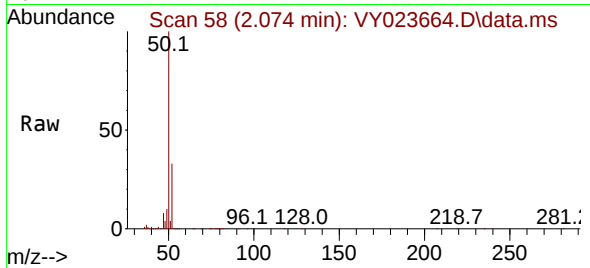




#3
Chloromethane
Concen: 44.928 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

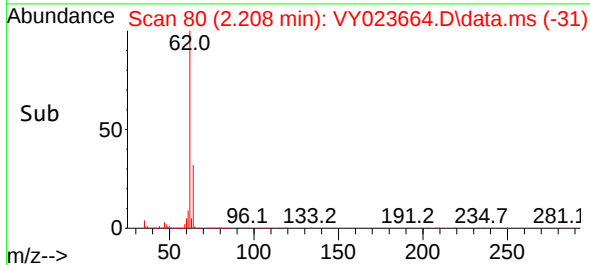
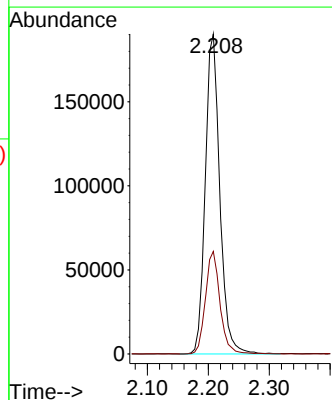
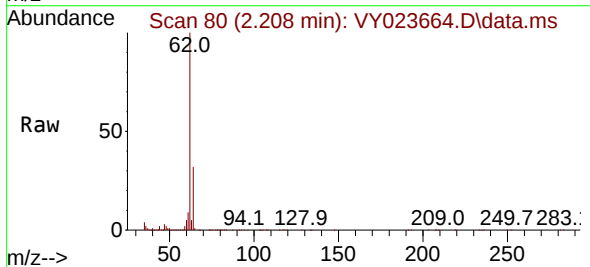
Instrument :
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VSTDICCC050

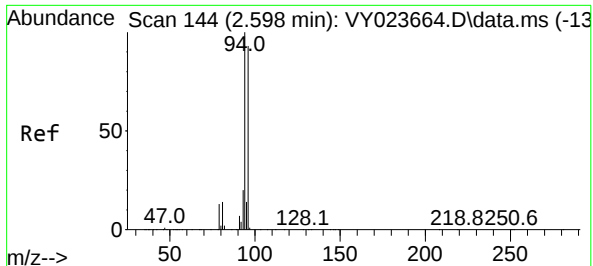
Tgt Ion: 50 Resp: 237663
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 45.779 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 62 Resp: 315113
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

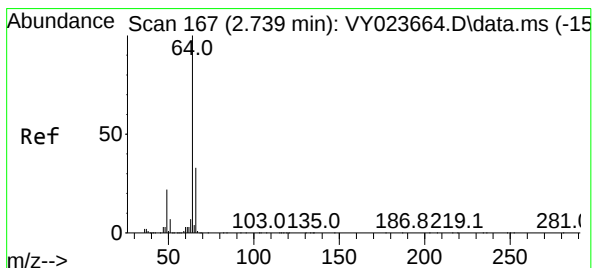
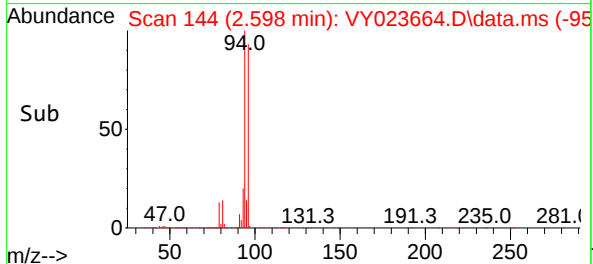
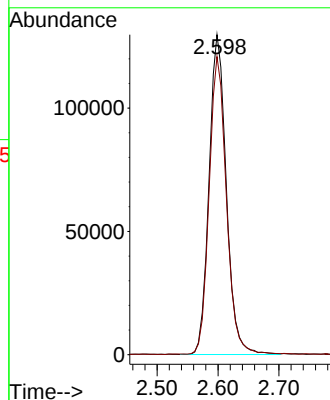
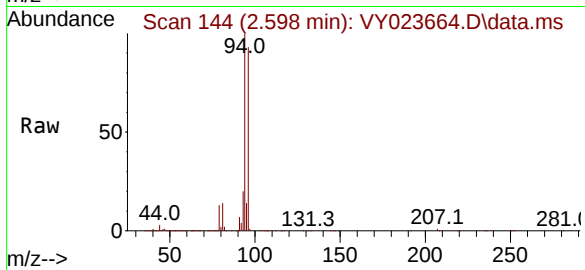




#5
Bromomethane
Concen: 44.099 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

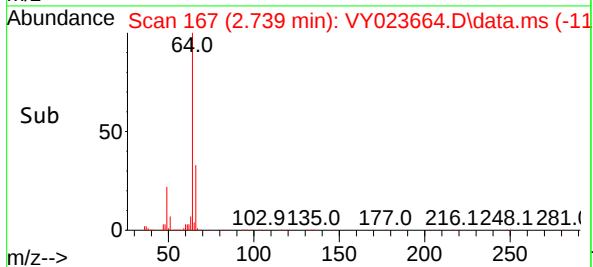
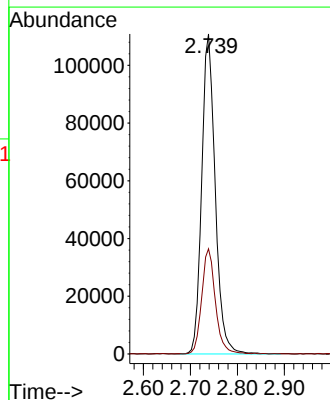
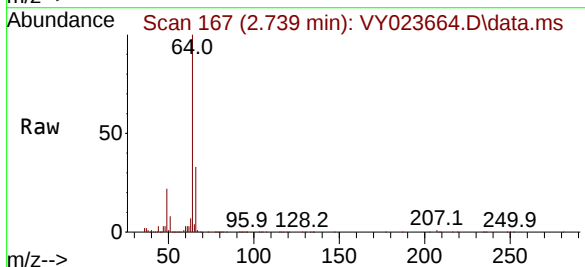
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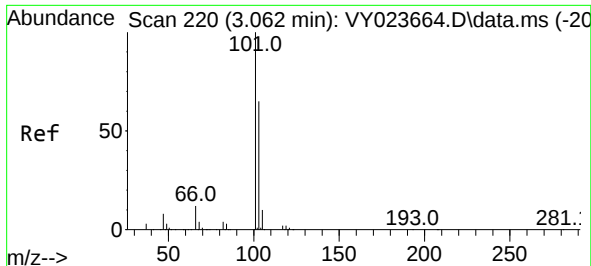
Tgt Ion: 94 Resp: 255339
Ion Ratio Lower Upper
94 100
96 93.0 74.4 111.6



#6
Chloroethane
Concen: 46.718 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 64 Resp: 222257
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

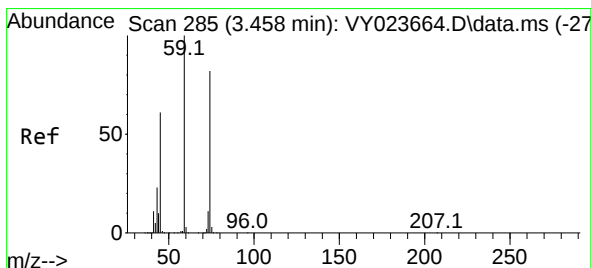
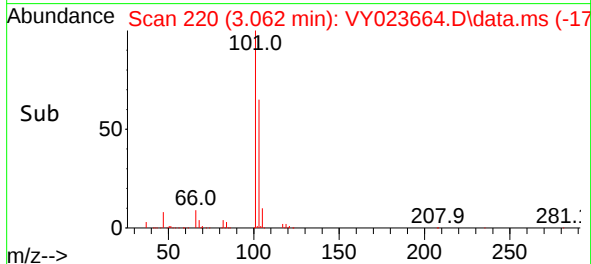
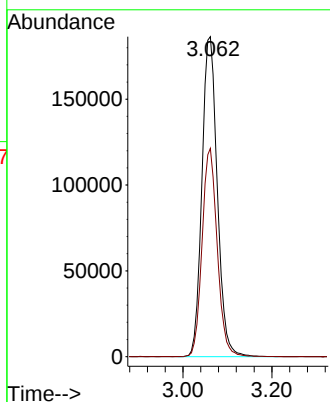
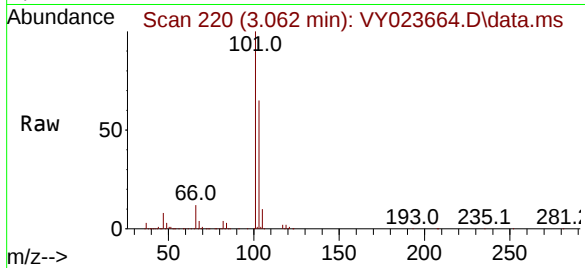




#7
 Trichlorofluoromethane
 Concen: 46.308 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023664.D
 Acq: 04 Nov 2025 10:42

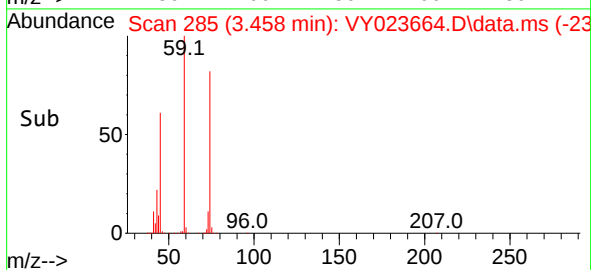
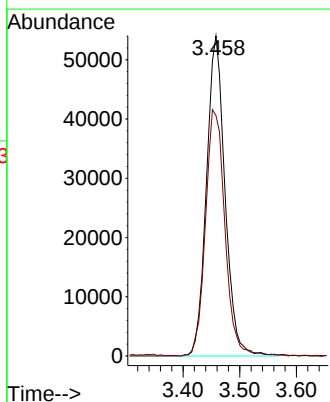
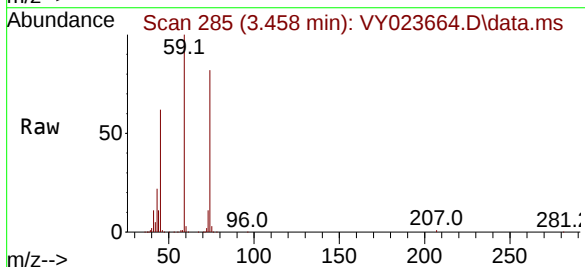
Instrument :
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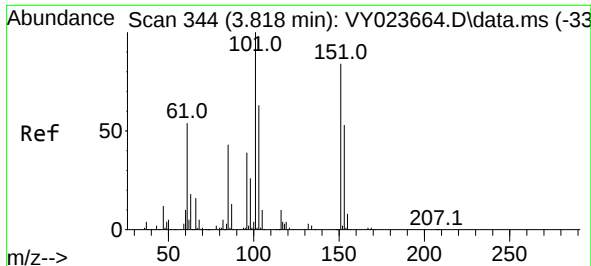
Tgt Ion:101 Resp: 448928
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.1 78.1



#8
 Diethyl Ether
 Concen: 47.049 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023664.D
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Tgt Ion: 74 Resp: 122314
 Ion Ratio Lower Upper
 74 100
 45 81.1 40.6 121.7

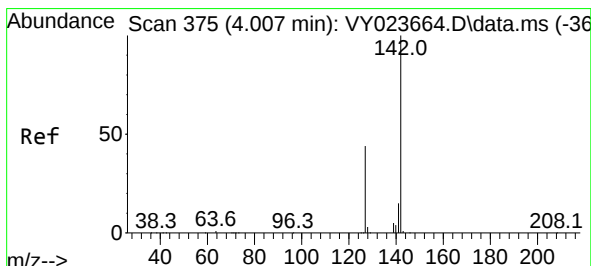
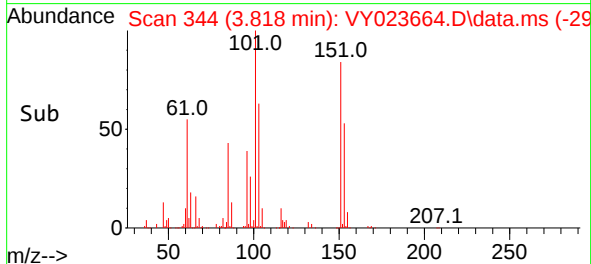
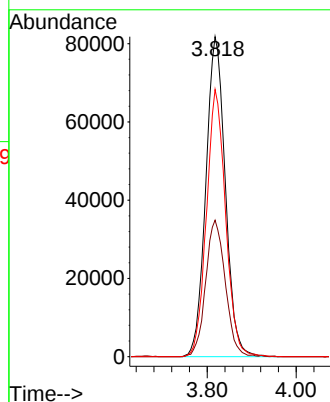
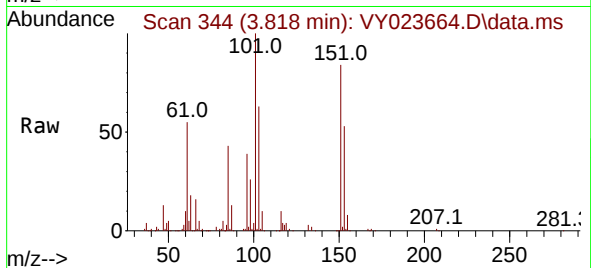




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.685 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023664.D
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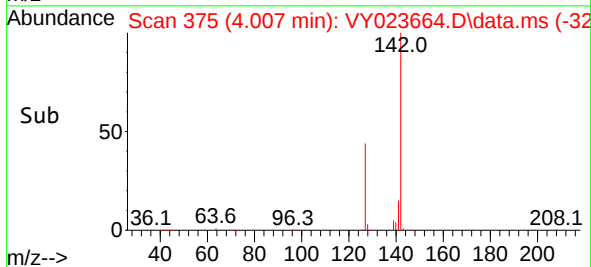
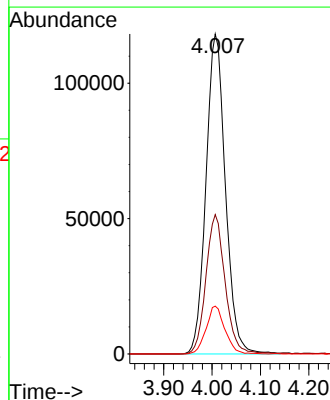
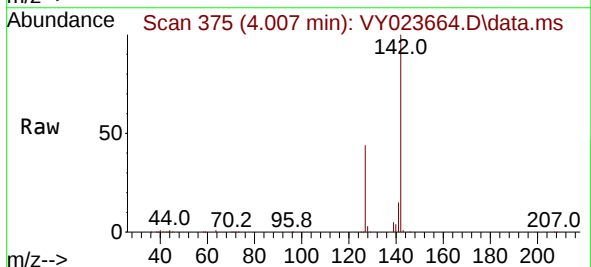
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

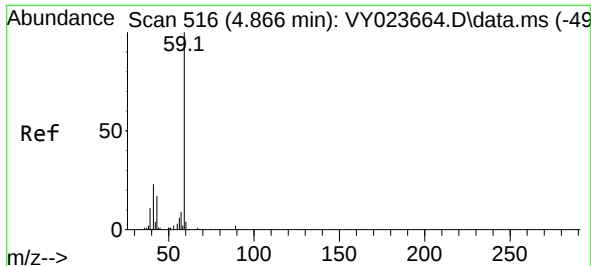
Tgt Ion:101 Resp: 249353
Ion Ratio Lower Upper
101 100
85 43.0 34.4 51.6
151 82.0 65.6 98.4



#10
Methyl Iodide
Concen: 52.300 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:142 Resp: 329865
Ion Ratio Lower Upper
142 100
127 43.2 34.6 51.8
141 14.5 11.6 17.4

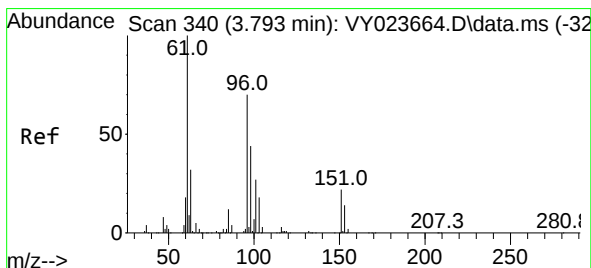
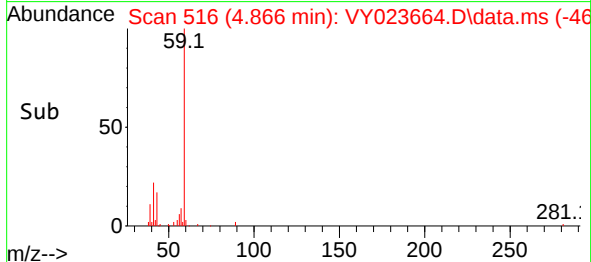
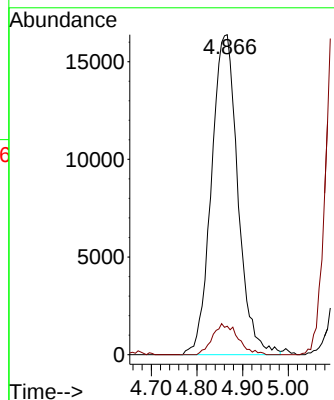
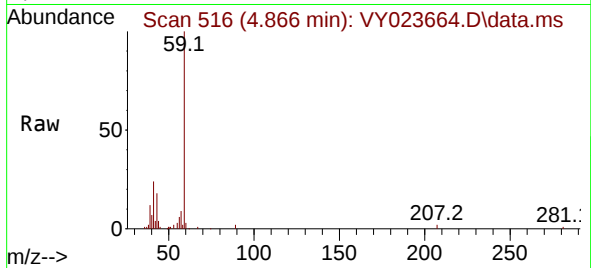




#11
Tert butyl alcohol
Concen: 208.147 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

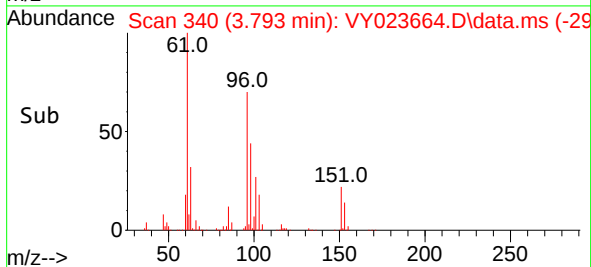
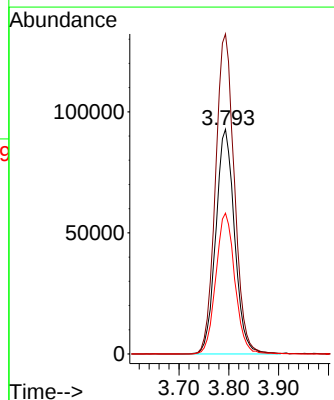
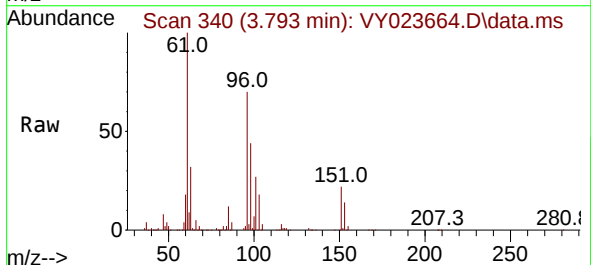
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

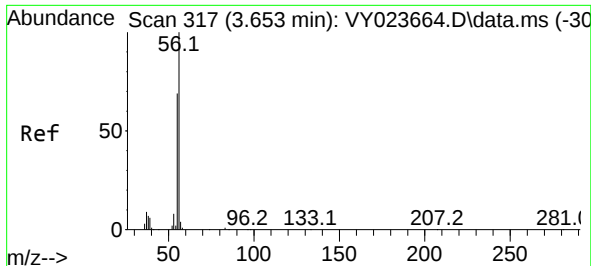
Tgt Ion: 59 Resp: 65929
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.2



#12
1,1-Dichloroethene
Concen: 47.151 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 96 Resp: 242599
Ion Ratio Lower Upper
96 100
61 142.5 114.0 171.0
98 62.7 50.2 75.2

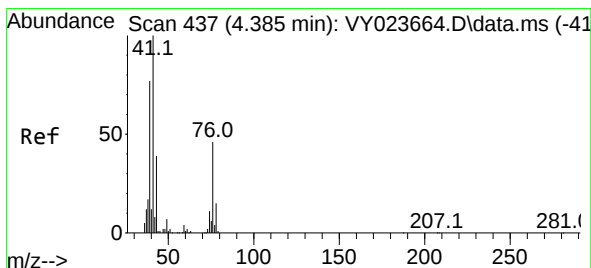
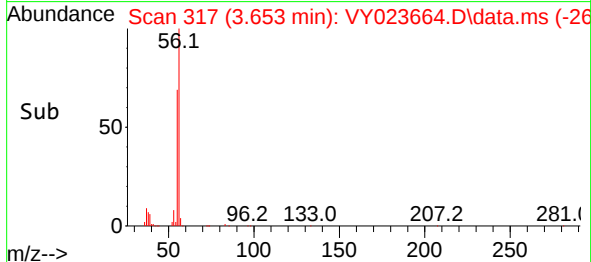
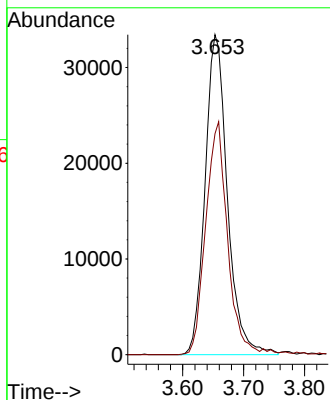
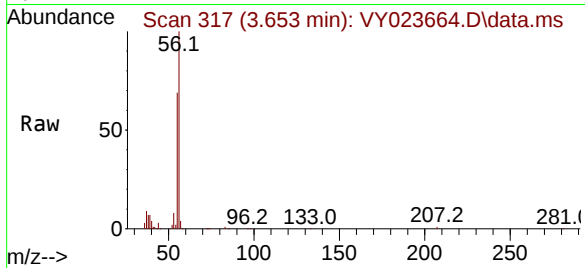




#13
Acrolein
Concen: 208.809 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

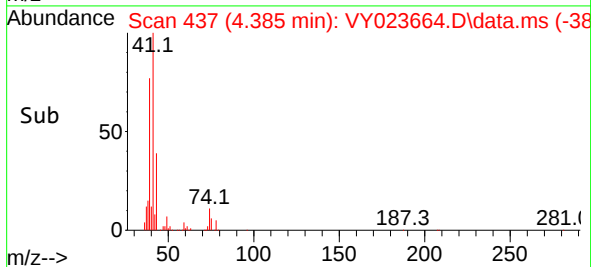
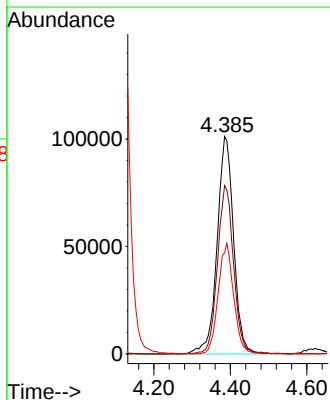
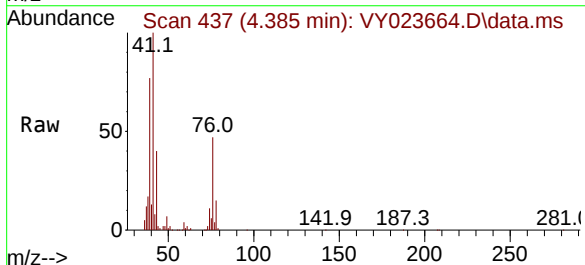
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

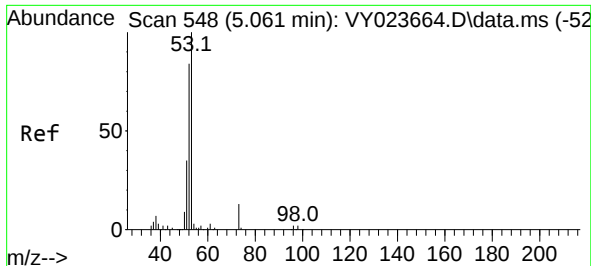
Tgt Ion: 56 Resp: 85009
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8



#14
Allyl chloride
Concen: 48.458 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 41 Resp: 303471
Ion Ratio Lower Upper
41 100
39 75.5 60.4 90.6
76 47.5 38.0 57.0

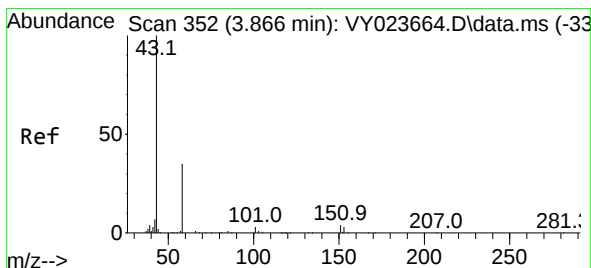
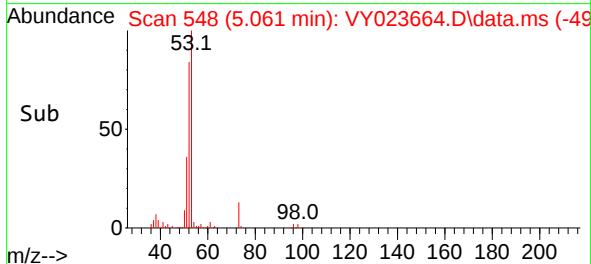
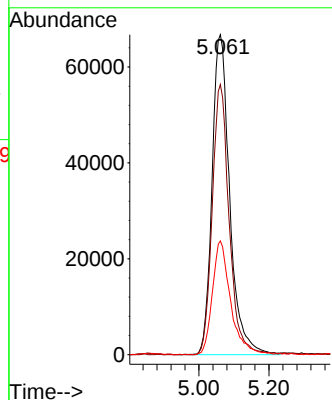
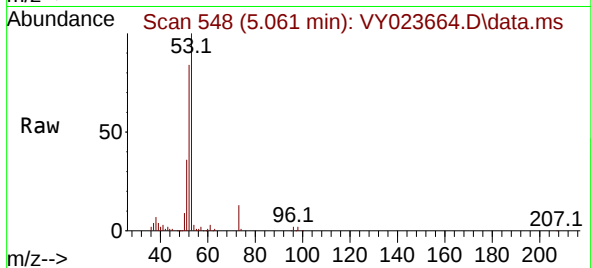




#15
Acrylonitrile
Concen: 235.546 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

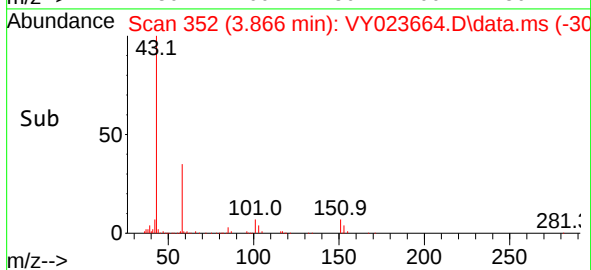
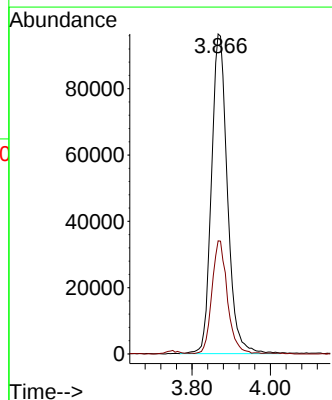
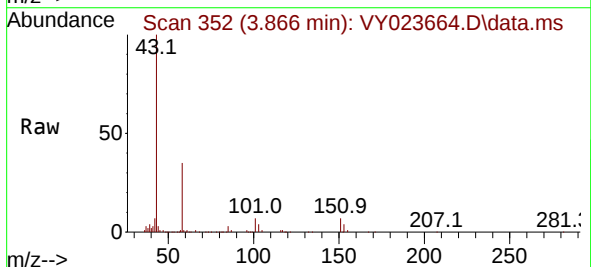
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

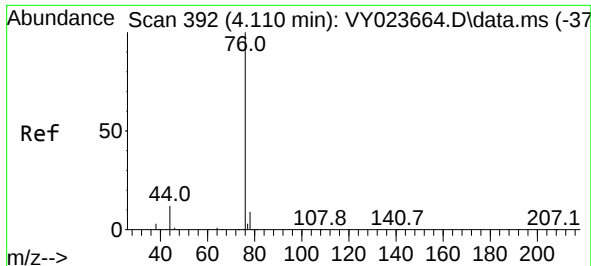
Tgt Ion: 53 Resp: 234014
Ion Ratio Lower Upper
53 100
52 81.1 64.9 97.3
51 36.7 29.4 44.0



#16
Acetone
Concen: 222.826 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 43 Resp: 272077
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4

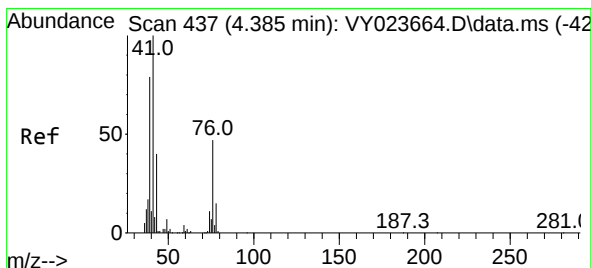
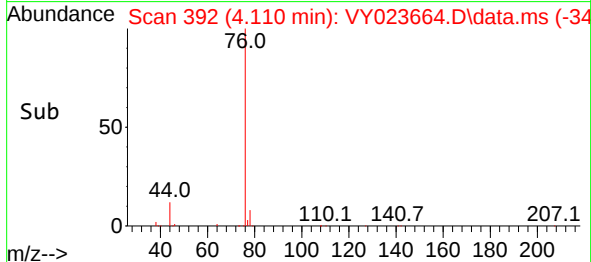
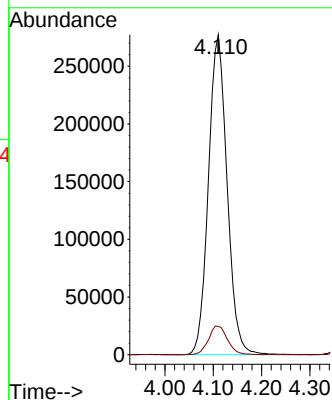
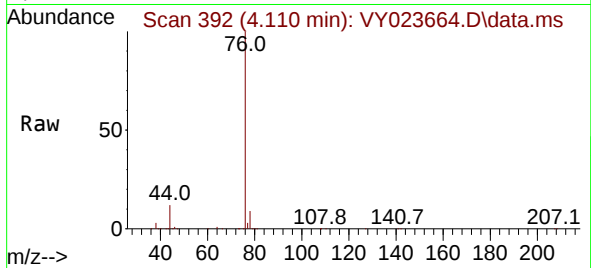




#17
Carbon Disulfide
Concen: 46.973 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

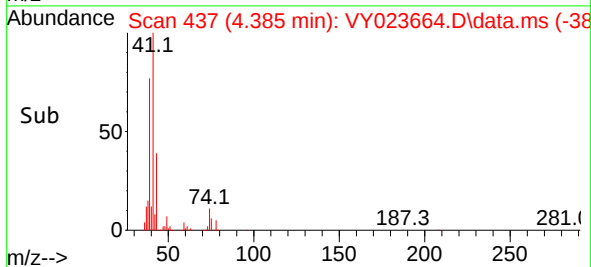
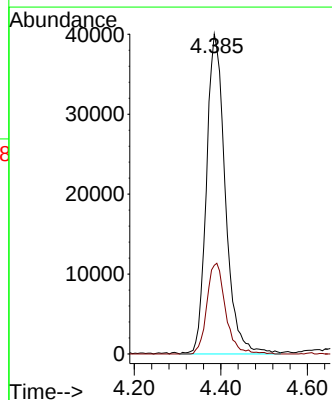
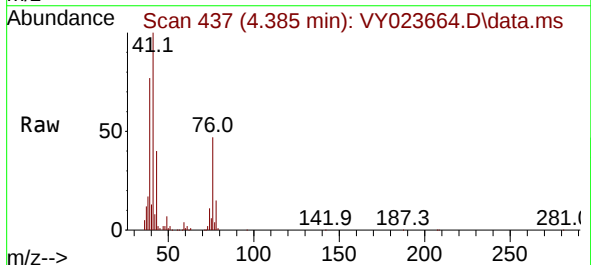
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 741781
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 44.957 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 43 Resp: 121078
Ion Ratio Lower Upper
43 100
74 28.1 22.5 33.7

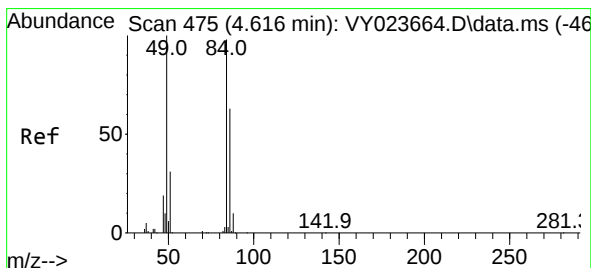
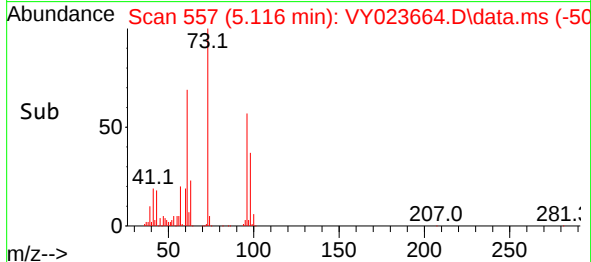
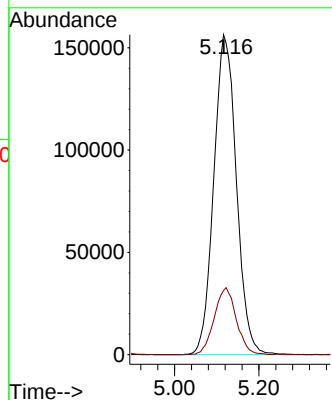
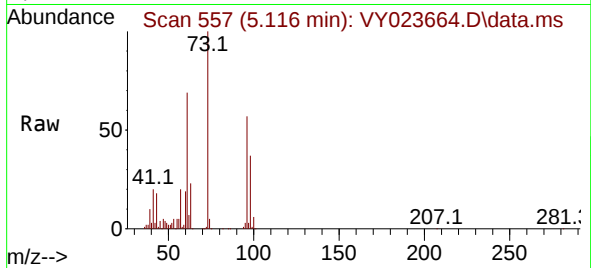




#19
Methyl tert-butyl Ether
Concen: 48.676 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

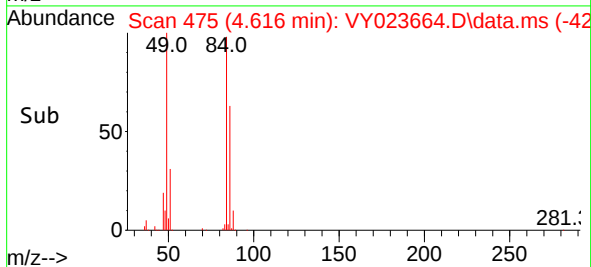
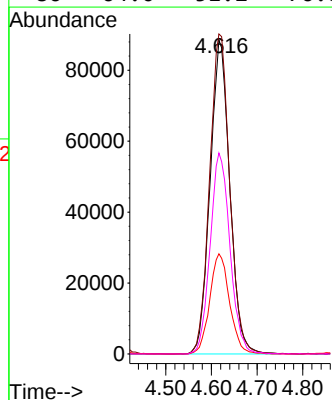
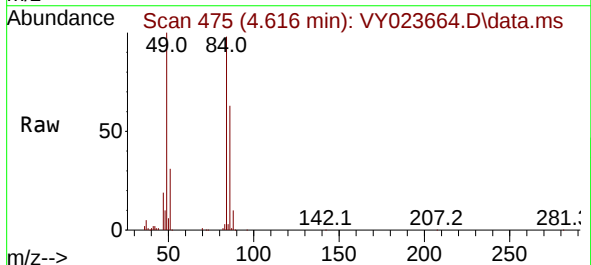
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

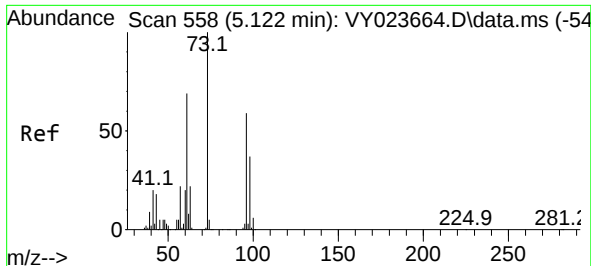
Tgt Ion: 73 Resp: 580730
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 44.934 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 84 Resp: 264862
Ion Ratio Lower Upper
84 100
49 101.9 81.5 122.3
51 31.9 25.5 38.3
86 64.0 51.2 76.8

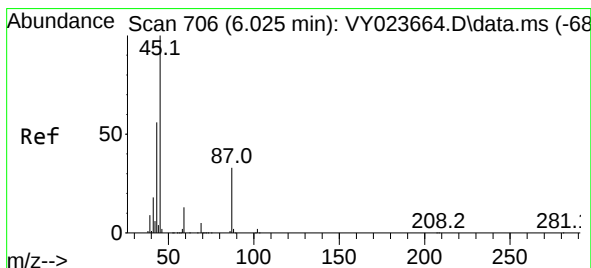
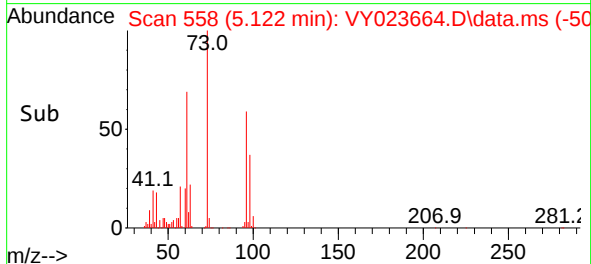
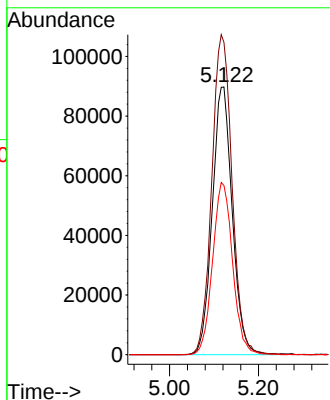
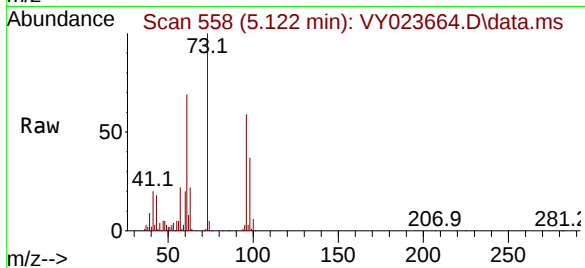




#21
trans-1,2-Dichloroethene
Concen: 48.364 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

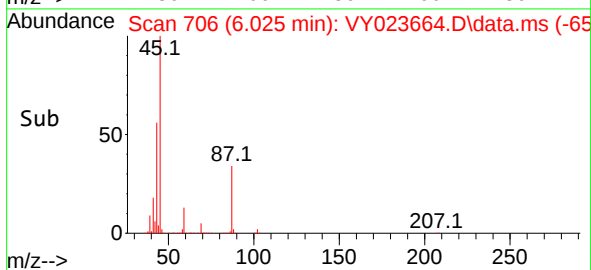
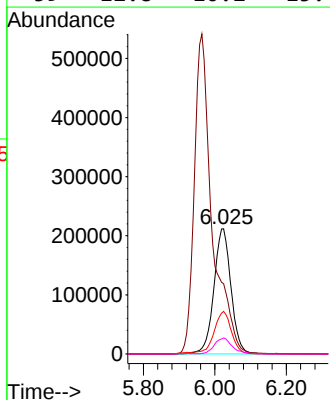
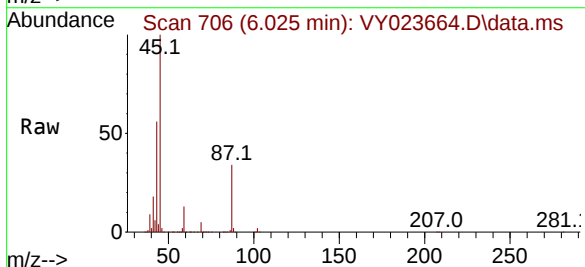
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

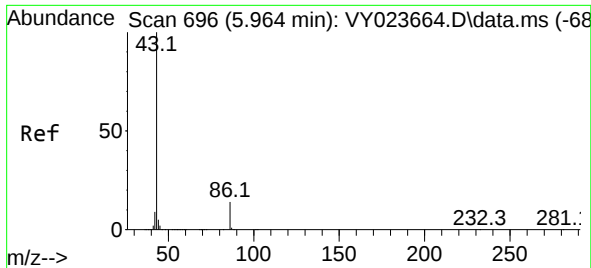
Tgt Ion: 96 Resp: 280571
Ion Ratio Lower Upper
96 100
61 116.6 93.3 139.9
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 50.420 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 45 Resp: 703596
Ion Ratio Lower Upper
45 100
43 55.9 44.7 67.1
87 34.0 27.2 40.8
59 12.8 10.2 15.4

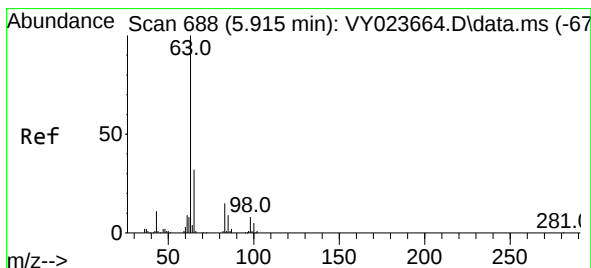
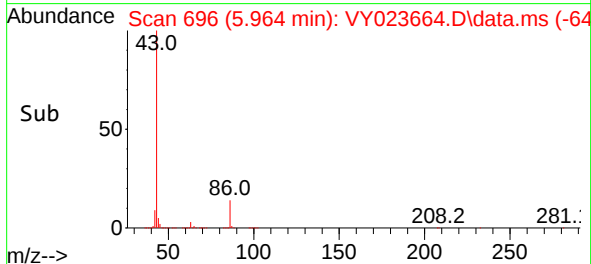
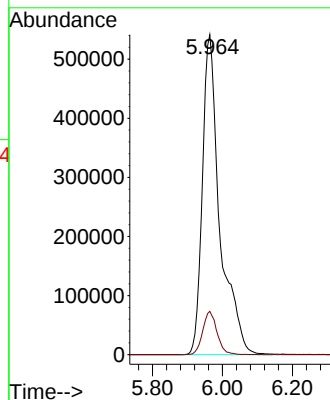
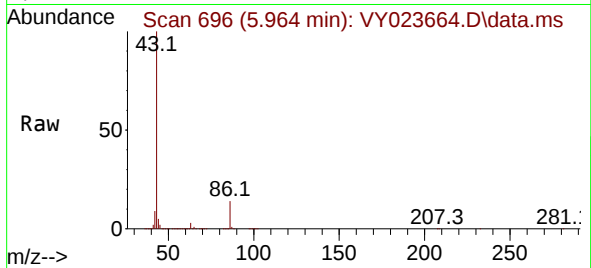




#23
Vinyl Acetate
Concen: 252.183 ug/l
RT: 5.964 min Scan# 696
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

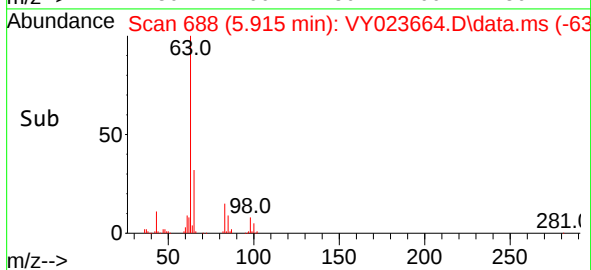
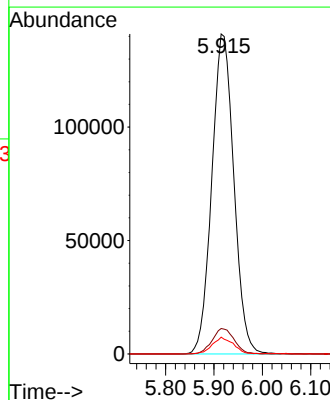
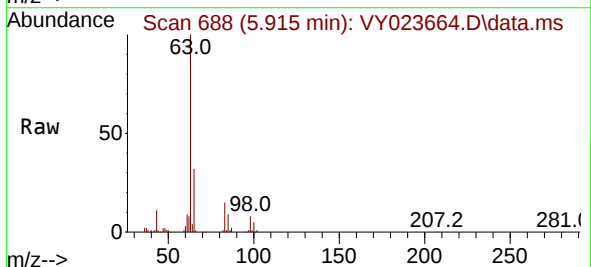
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

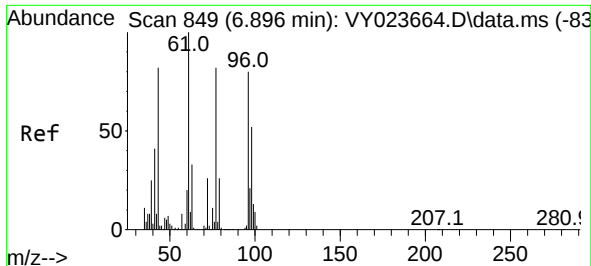
Tgt Ion: 43 Resp: 1877953
Ion Ratio Lower Upper
43 100
86 13.6 10.9 16.3



#24
1,1-Dichloroethane
Concen: 48.007 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 63 Resp: 446287
Ion Ratio Lower Upper
63 100
98 7.9 4.0 11.9
100 5.2 2.6 7.8

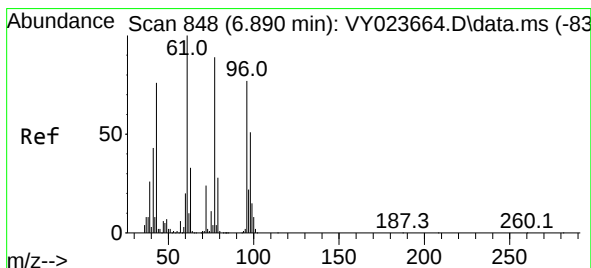
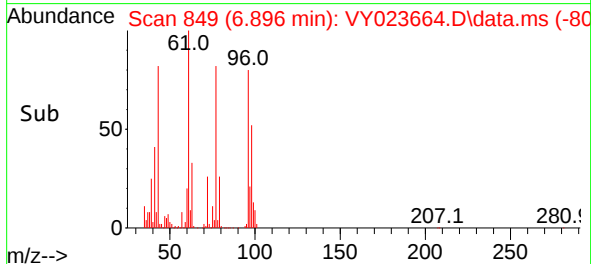
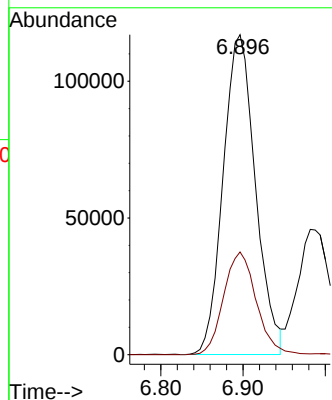
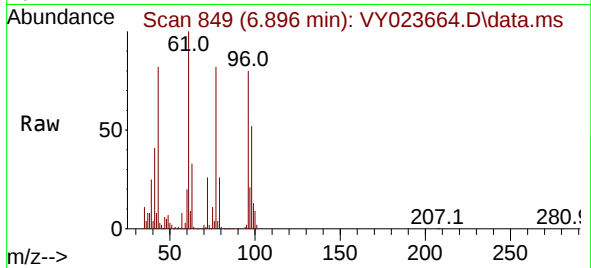




#25
2-Butanone
Concen: 226.250 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

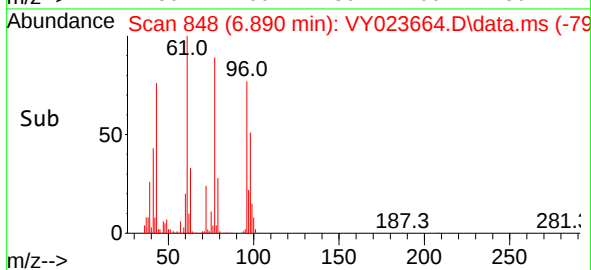
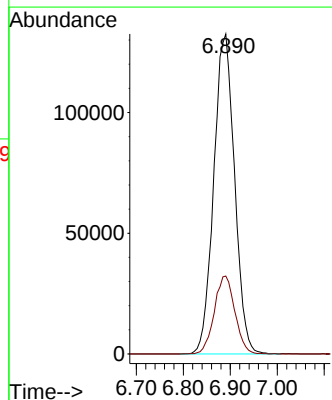
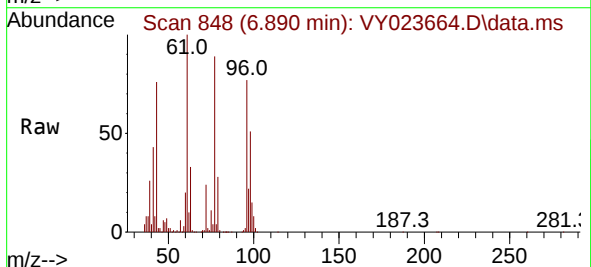
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

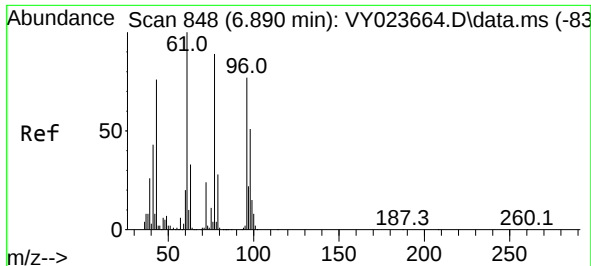
Tgt Ion: 43 Resp: 319404
Ion Ratio Lower Upper
43 100
72 32.1 25.7 38.5



#26
2,2-Dichloropropane
Concen: 47.716 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 77 Resp: 408039
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 48.703 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

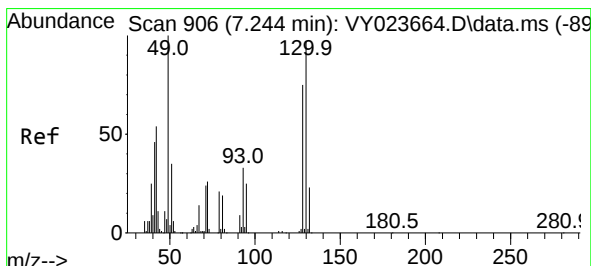
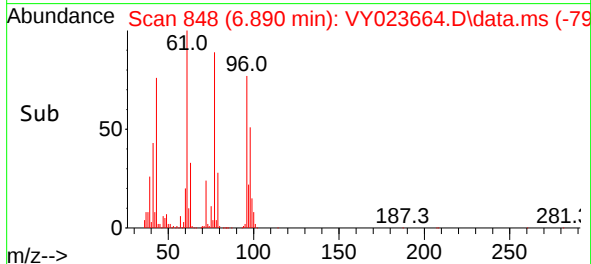
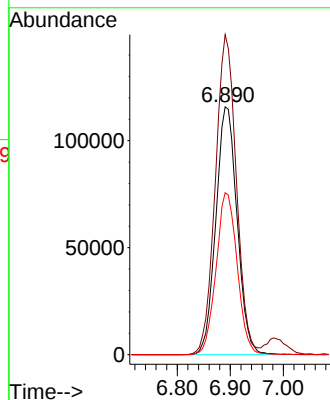
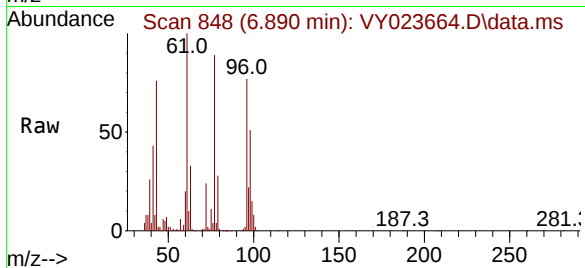
Tgt Ion: 96 Resp: 322689

Ion Ratio Lower Upper

96 100

61 127.5 0.0 255.0

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 46.958 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

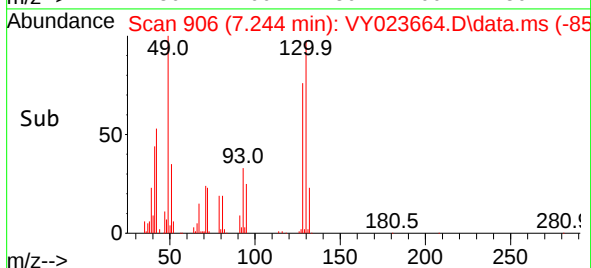
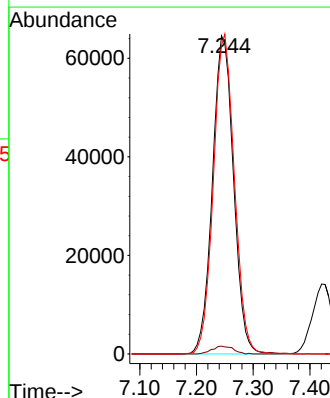
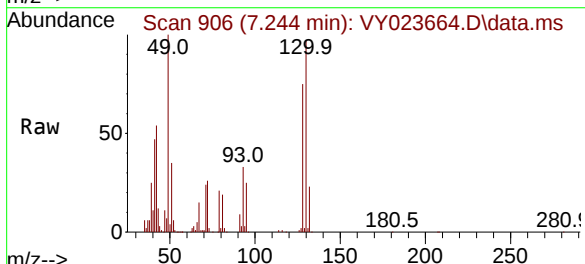
Tgt Ion: 49 Resp: 167148

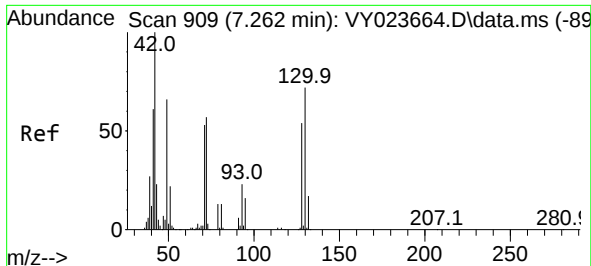
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 100.1 80.1 120.1





#29

Tetrahydrofuran

Concen: 236.990 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

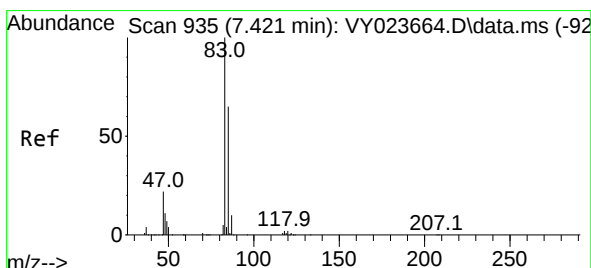
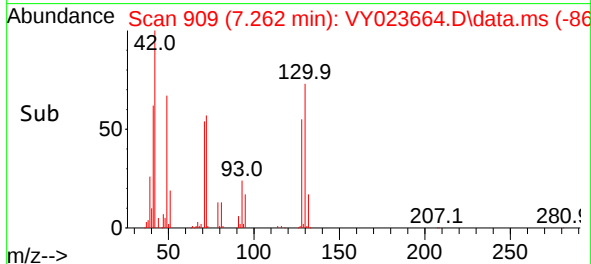
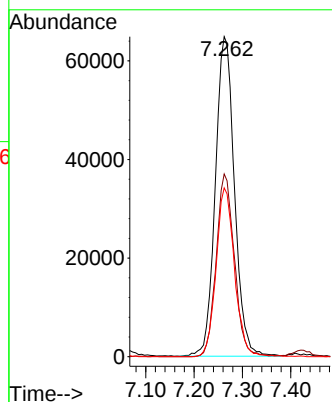
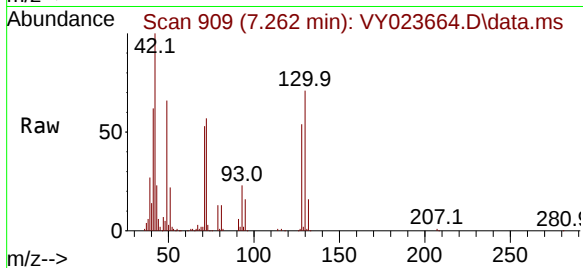
Tgt Ion: 42 Resp: 178179

Ion Ratio Lower Upper

42 100

72 54.3 43.4 65.2

71 50.9 40.7 61.1



#30

Chloroform

Concen: 47.921 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023664.D

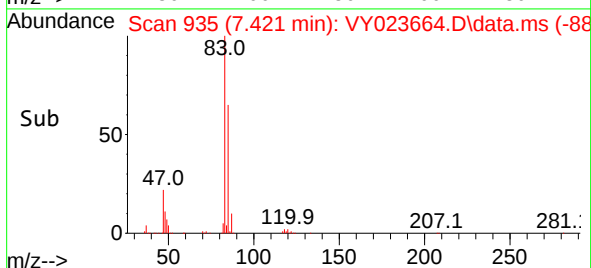
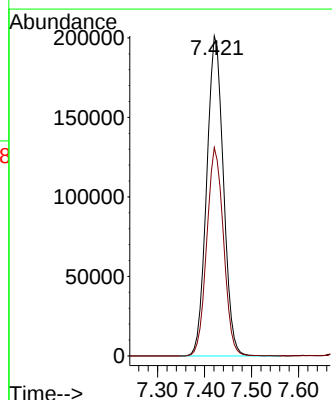
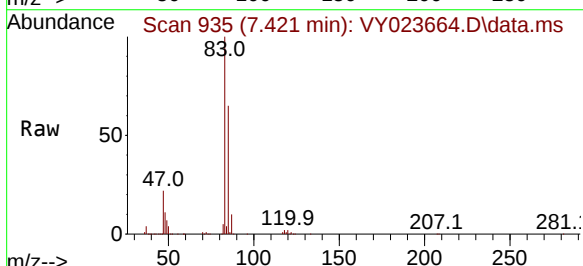
Acq: 04 Nov 2025 10:42

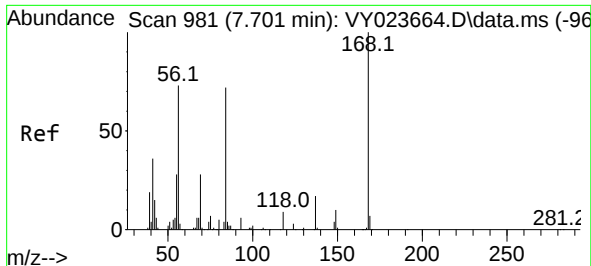
Tgt Ion: 83 Resp: 497055

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

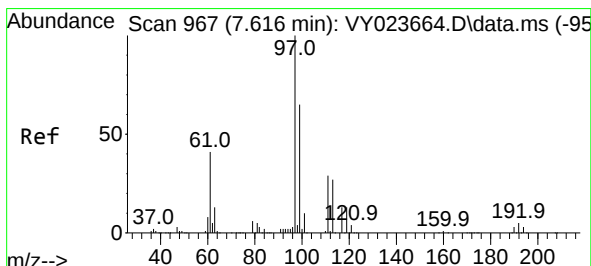
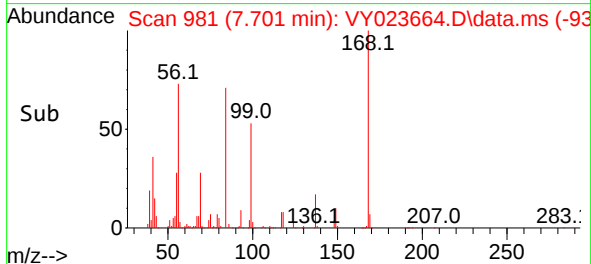
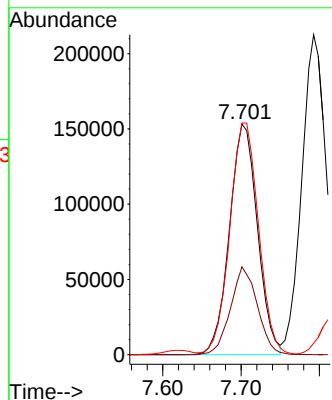
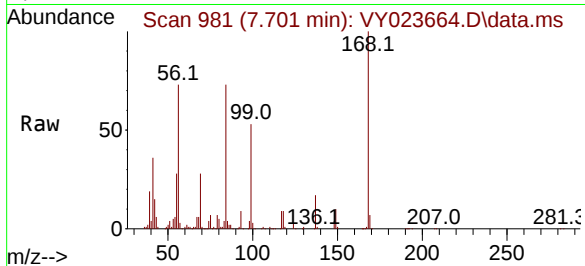




#31
Cyclohexane
Concen: 47.090 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

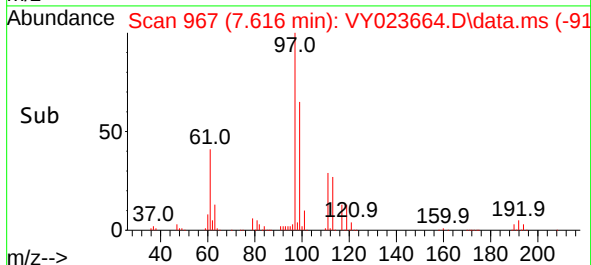
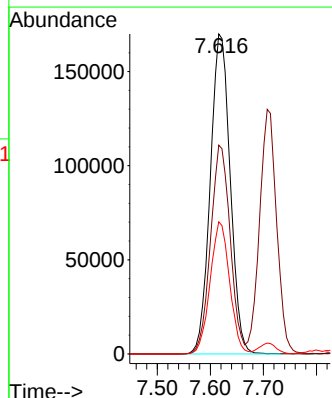
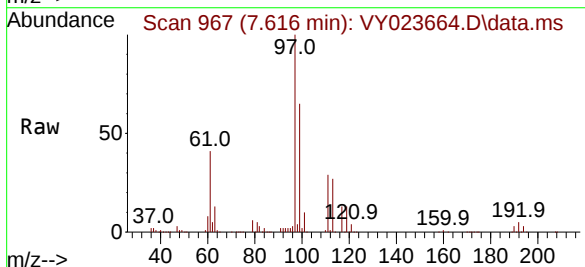
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

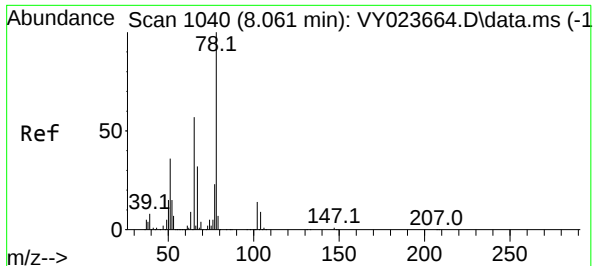
Tgt Ion: 56 Resp: 381239
Ion Ratio Lower Upper
56 100
69 38.1 30.5 45.7
84 98.7 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 47.750 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 97 Resp: 442659
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 40.6 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 47.743 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

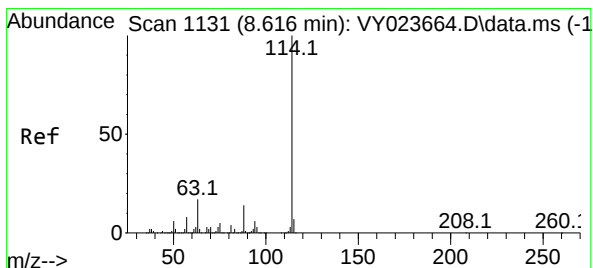
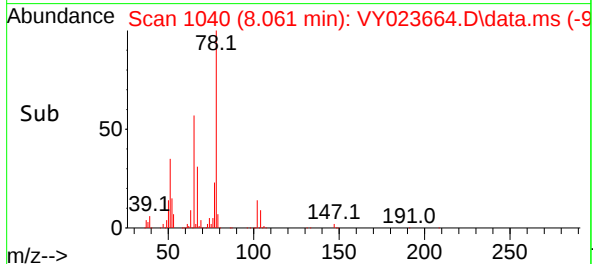
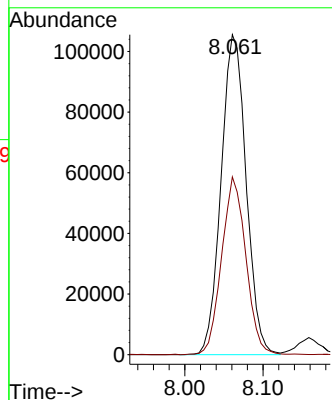
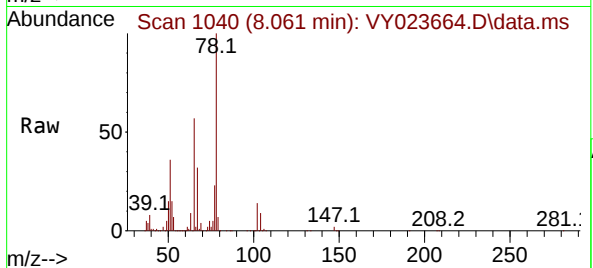
VSTDICCC050

Tgt Ion: 65 Resp: 234526

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

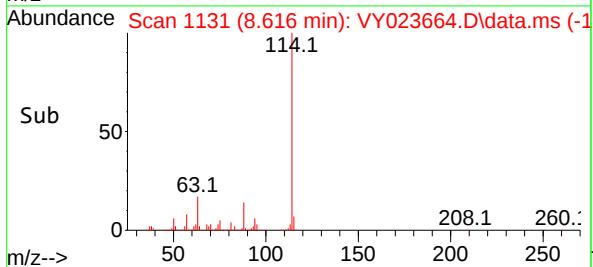
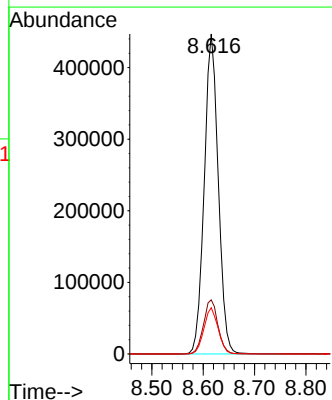
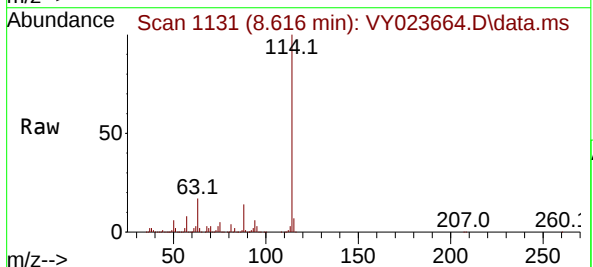
Tgt Ion: 114 Resp: 844654

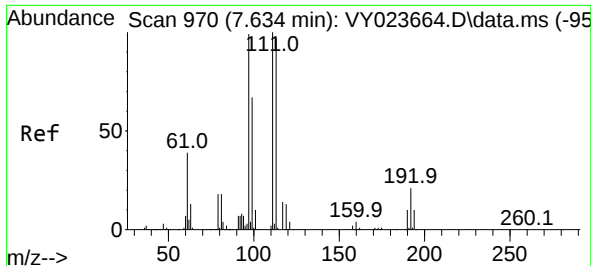
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 14.5 0.0 29.0

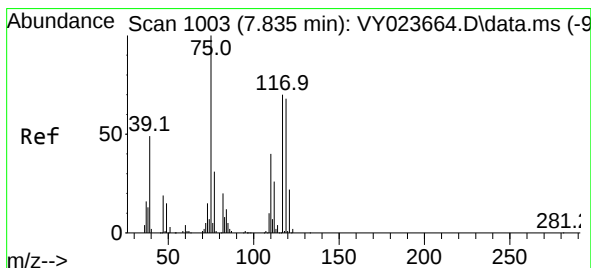
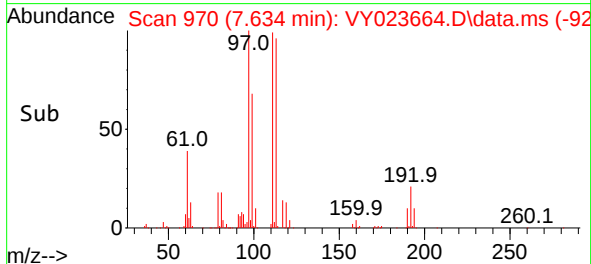
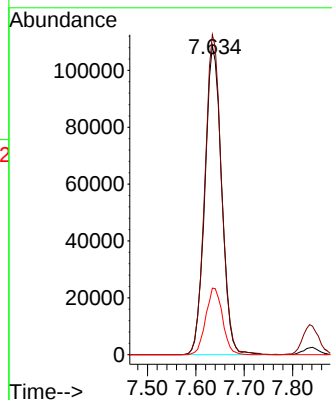
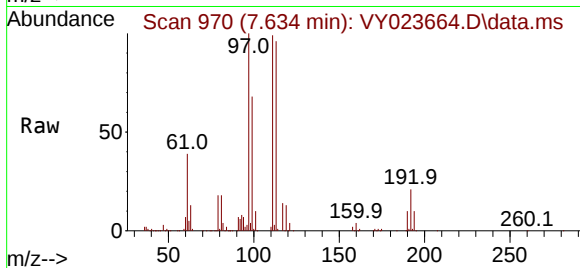




#35
Dibromofluoromethane
Concen: 49.542 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

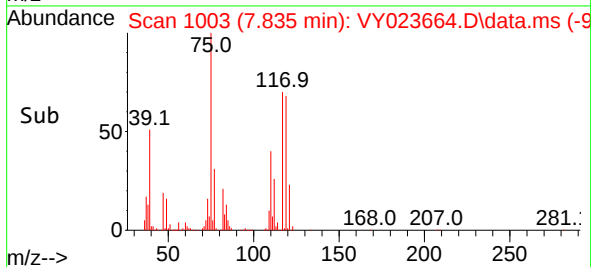
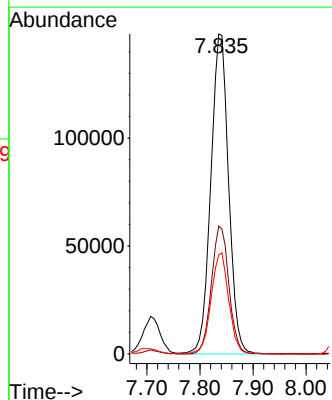
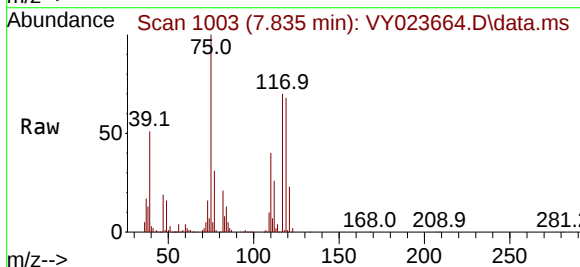
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 261509
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 21.6 17.3 25.9



#36
1,1-Dichloropropene
Concen: 48.973 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 75 Resp: 345431
Ion Ratio Lower Upper
75 100
110 39.3 19.7 59.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 47.912 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

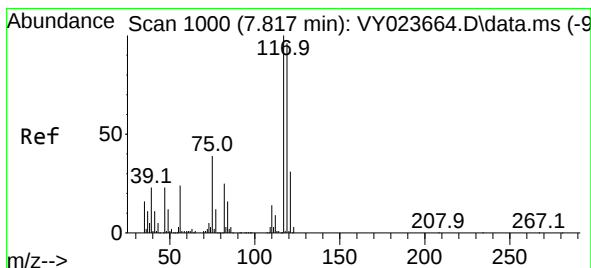
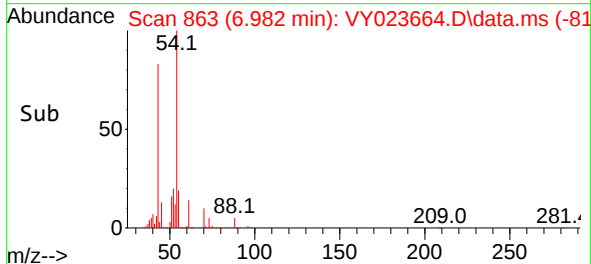
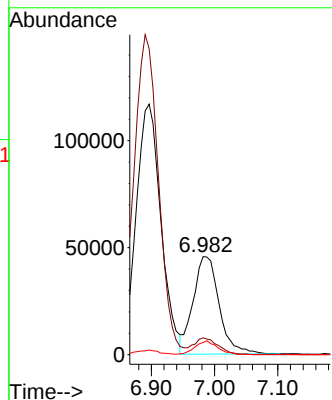
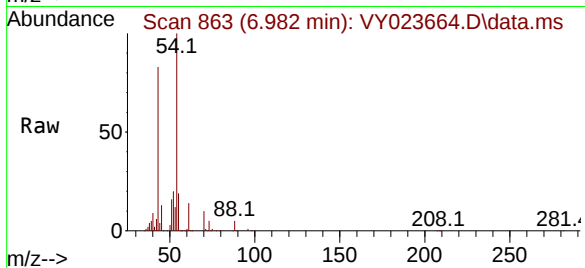
Tgt Ion: 43 Resp: 130827

Ion Ratio Lower Upper

43 100

61 15.5 12.4 18.6

70 12.3 9.8 14.8



#38

Carbon Tetrachloride

Concen: 48.486 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

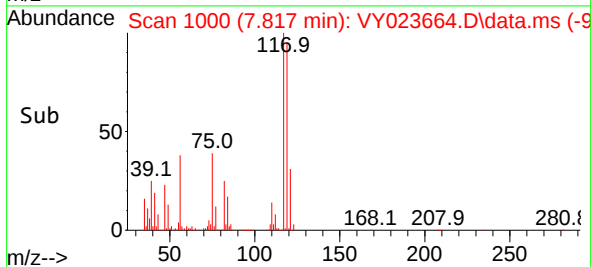
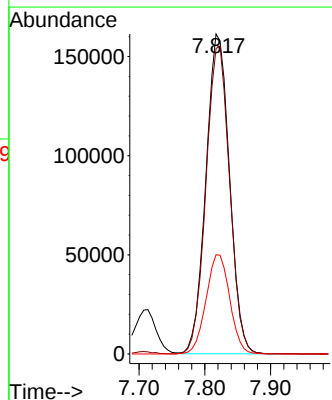
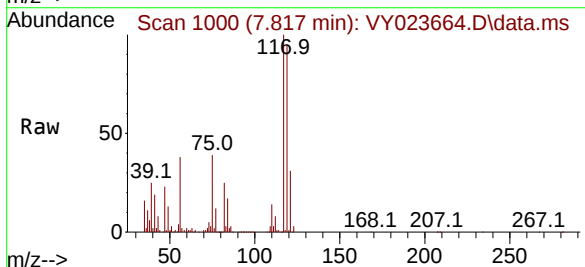
Tgt Ion: 117 Resp: 402944

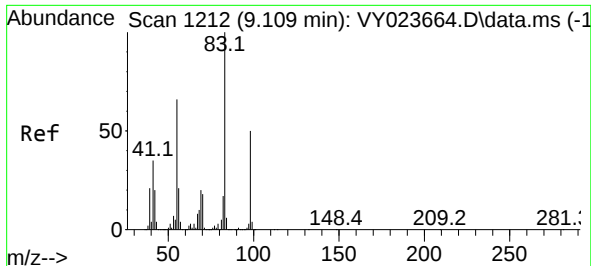
Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 50.473 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

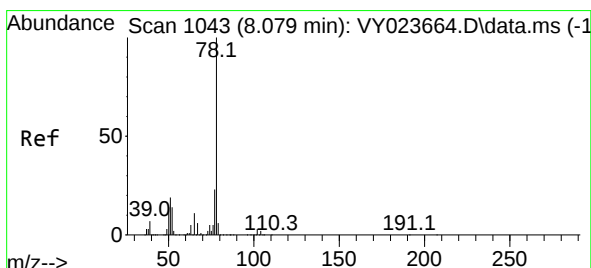
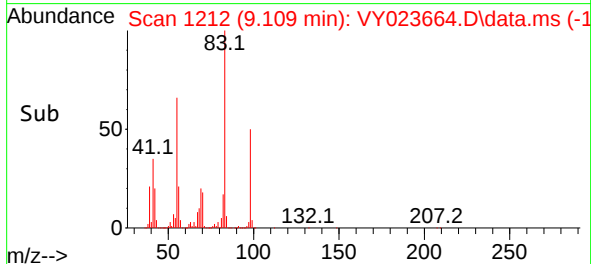
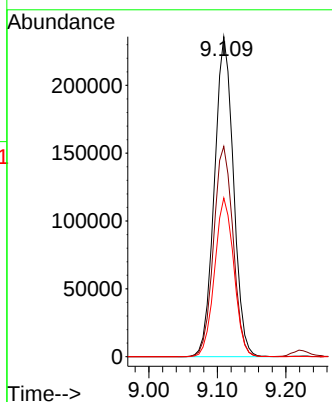
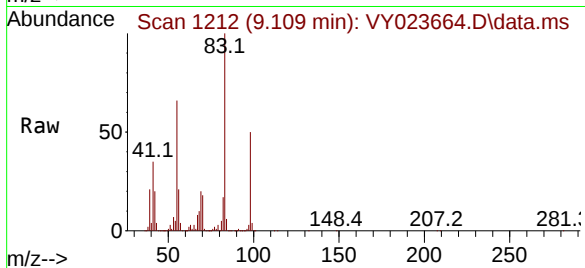
Tgt Ion: 83 Resp: 454885

Ion Ratio Lower Upper

83 100

55 65.7 52.6 78.8

98 49.6 39.7 59.5



#40

Benzene

Concen: 48.893 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023664.D

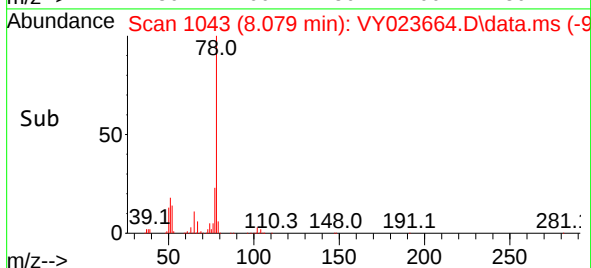
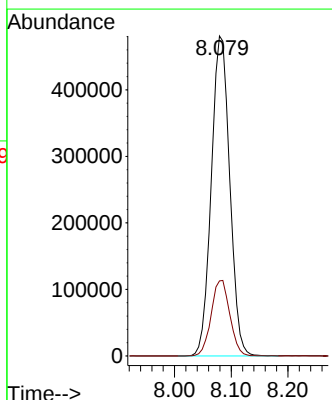
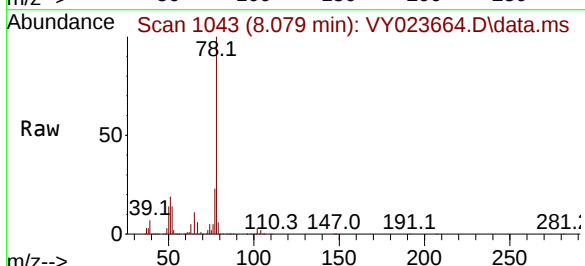
Acq: 04 Nov 2025 10:42

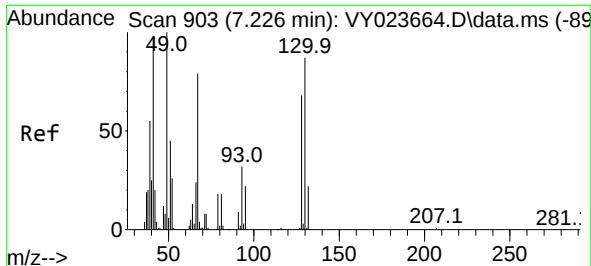
Tgt Ion: 78 Resp: 1087048

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



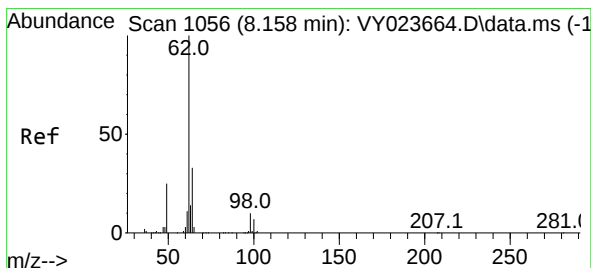
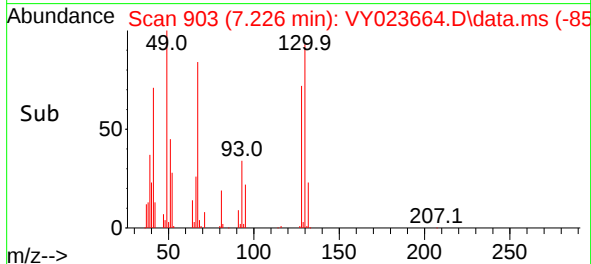
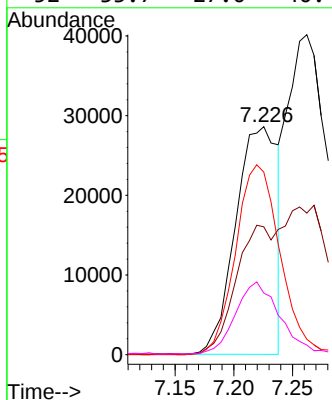
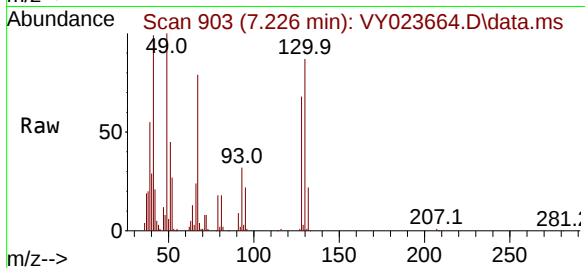


#41
Methacrylonitrile
Concen: 48.884 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 71198

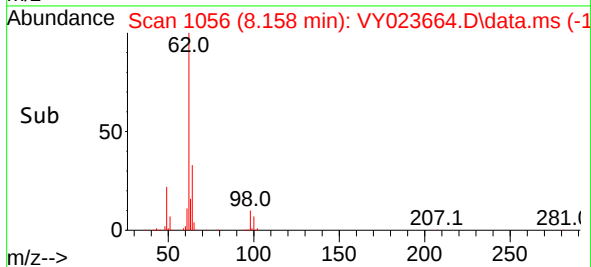
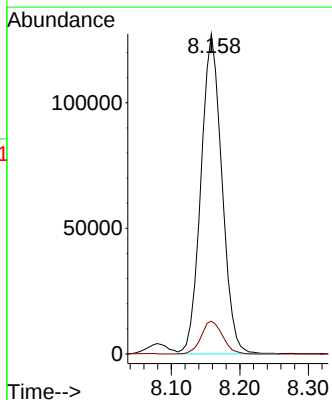
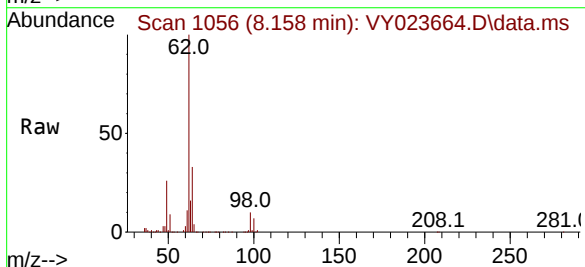
Ion	Ratio	Lower	Upper
41	100		
39	48.2	38.6	57.8
67	89.1	71.3	106.9
52	33.7	27.0	40.4

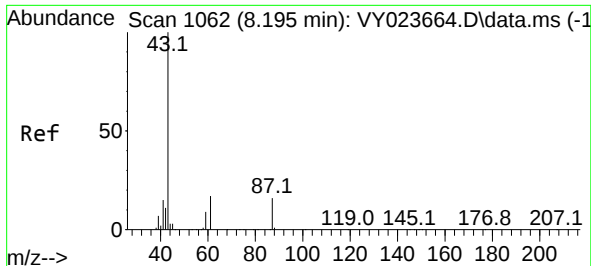


#42
1,2-Dichloroethane
Concen: 48.130 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 62 Resp: 270723

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0

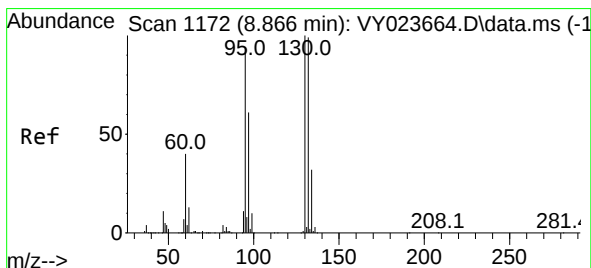
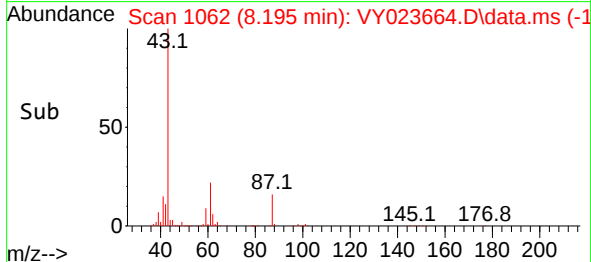
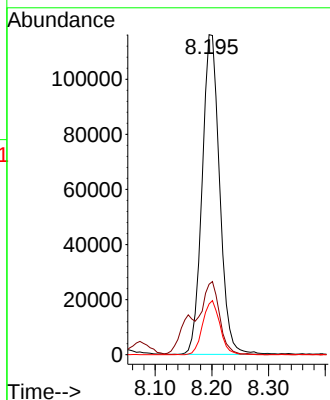
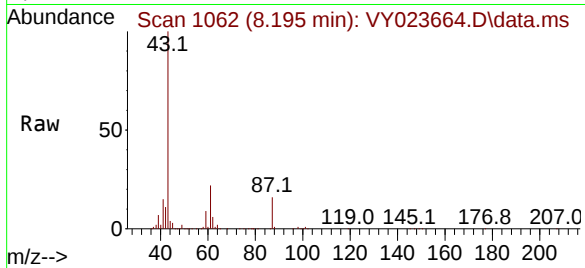




#43
Isopropyl Acetate
Concen: 48.549 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

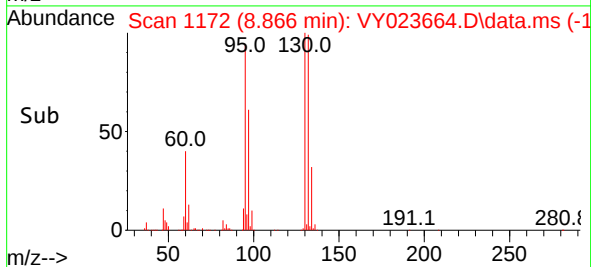
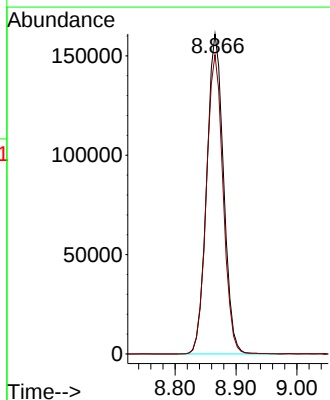
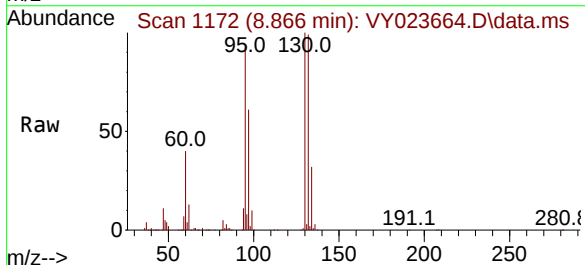
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

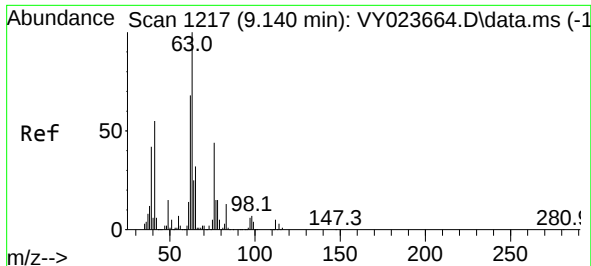
Tgt Ion: 43 Resp: 249080
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.2
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 48.377 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 130 Resp: 308925
Ion Ratio Lower Upper
130 100
95 93.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 48.873 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

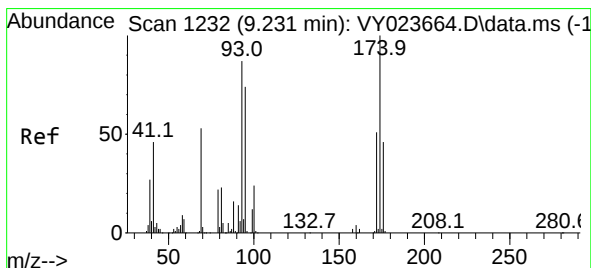
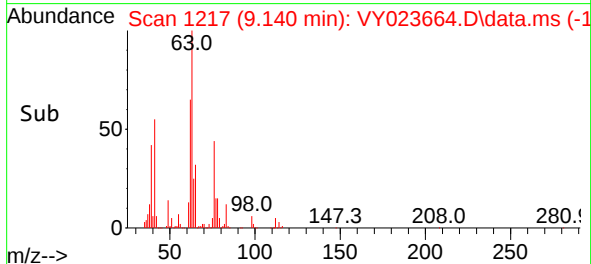
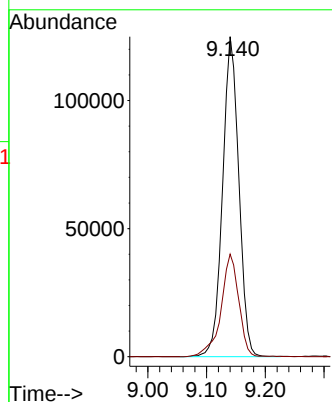
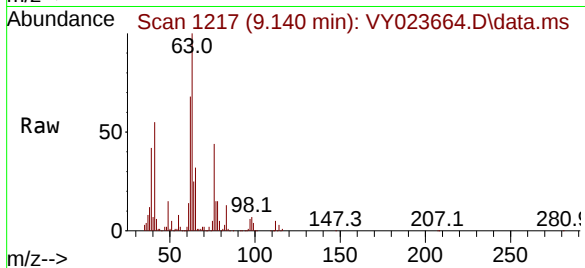
VSTDICCC050

Tgt Ion: 63 Resp: 239811

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



#46

Dibromomethane

Concen: 48.022 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

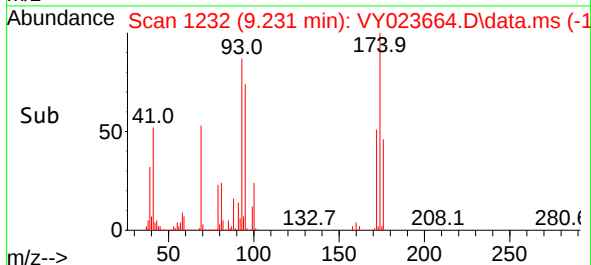
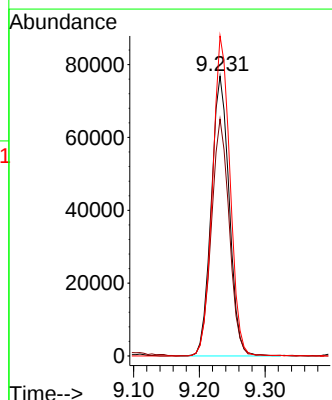
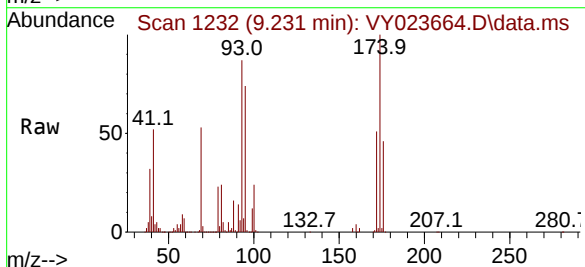
Tgt Ion: 93 Resp: 146001

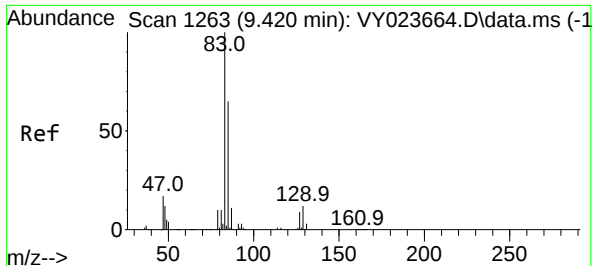
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 111.7 89.4 134.0





#47

Bromodichloromethane

Concen: 48.904 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

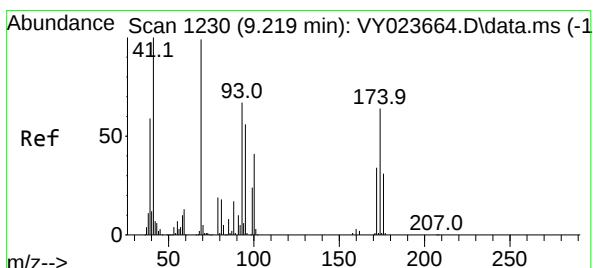
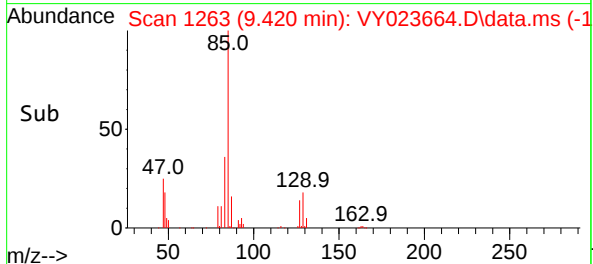
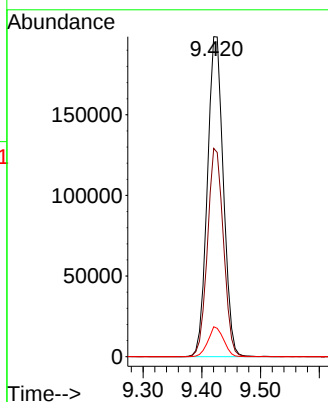
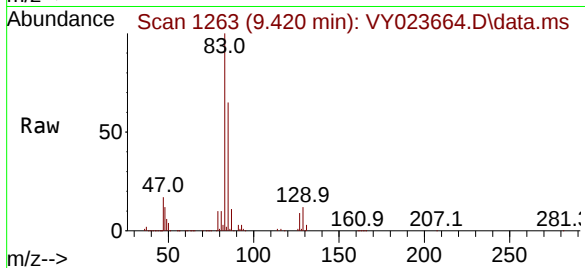
Tgt Ion: 83 Resp: 374866

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

127 9.4 7.5 11.3



#48

Methyl methacrylate

Concen: 50.717 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

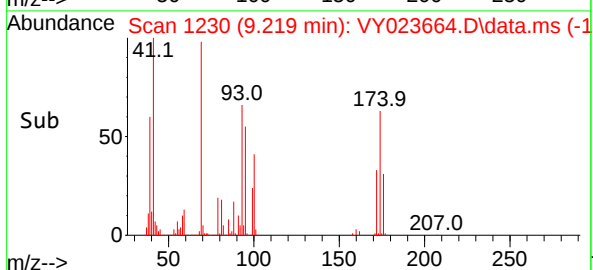
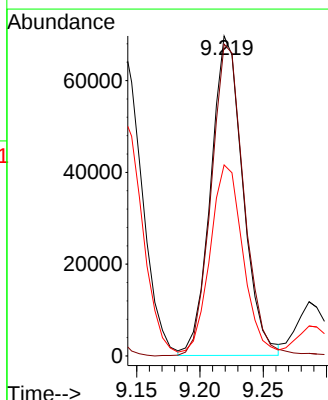
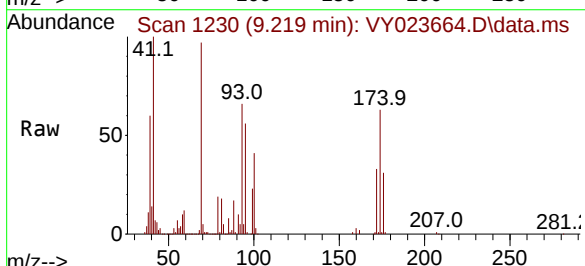
Tgt Ion: 41 Resp: 122935

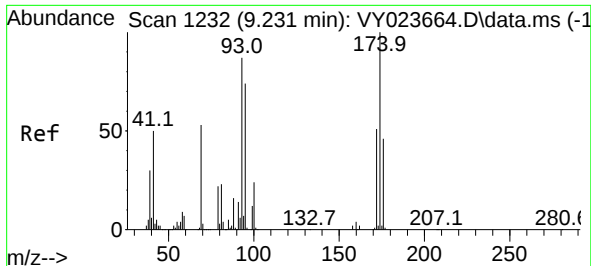
Ion Ratio Lower Upper

41 100

69 100.2 80.2 120.2

39 59.2 47.4 71.0





#49

1,4-Dioxane

Concen: 977.461 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

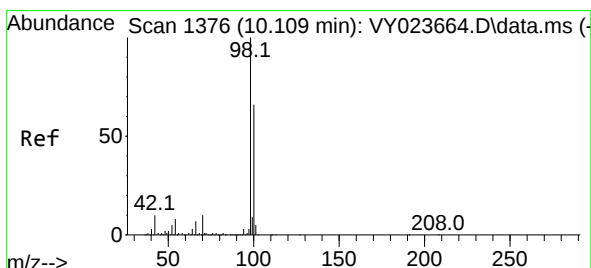
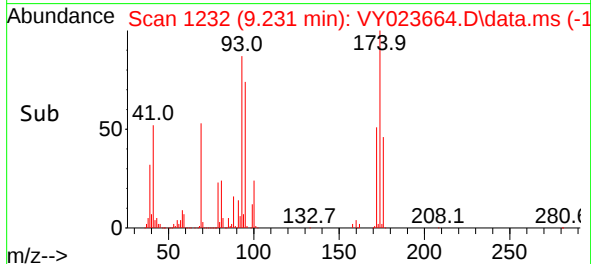
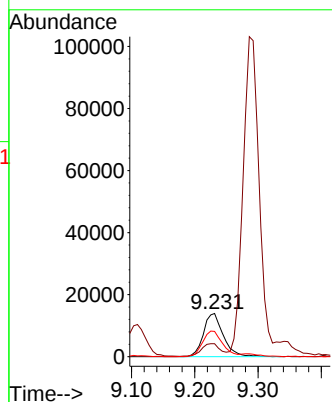
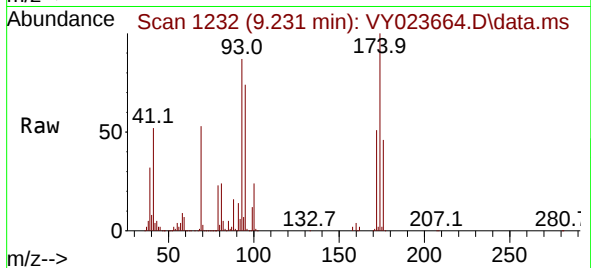
Tgt Ion: 88 Resp: 30413

Ion Ratio Lower Upper

88 100

43 27.5 22.0 33.0

58 59.8 47.8 71.8



#50

Toluene-d8

Concen: 51.068 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023664.D

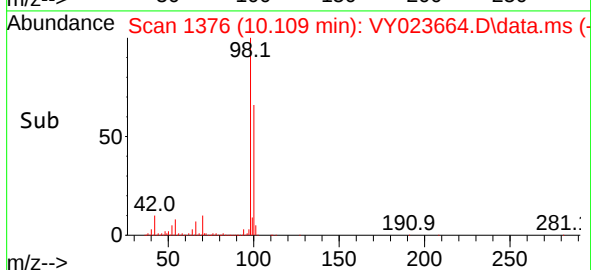
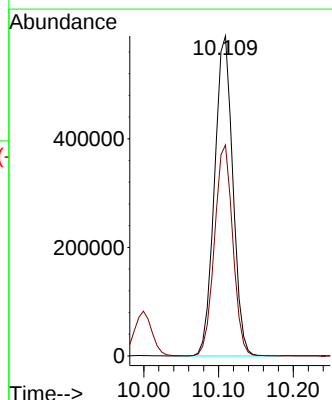
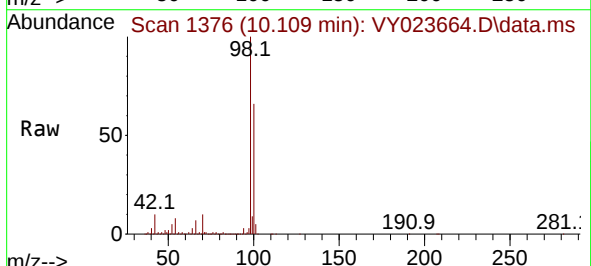
Acq: 04 Nov 2025 10:42

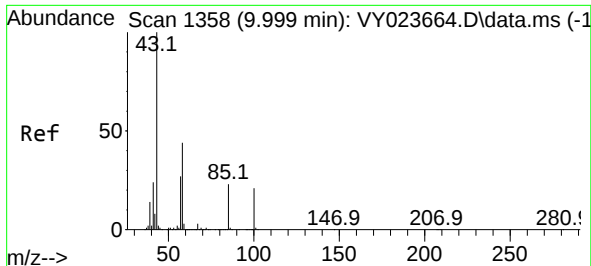
Tgt Ion: 98 Resp: 1004143

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 244.757 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

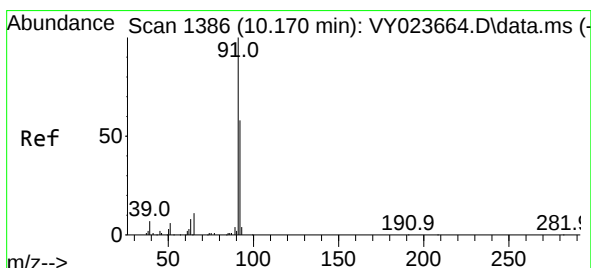
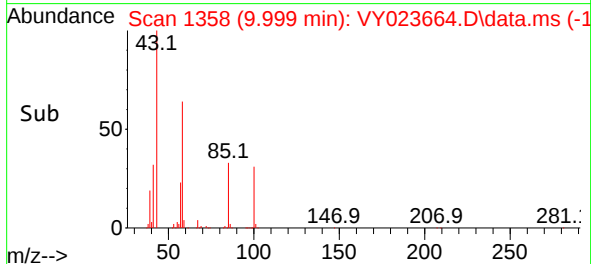
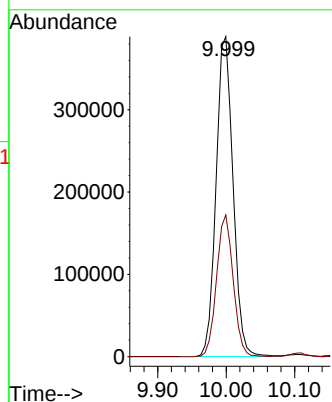
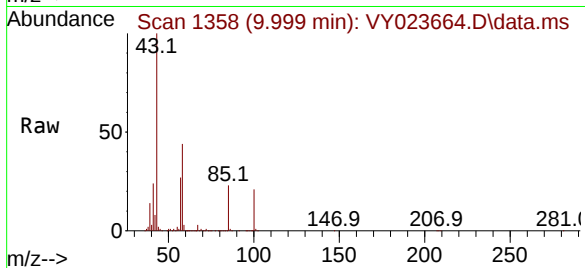
VSTDICCC050

Tgt Ion: 43 Resp: 667795

Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2



#52

Toluene

Concen: 50.801 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023664.D

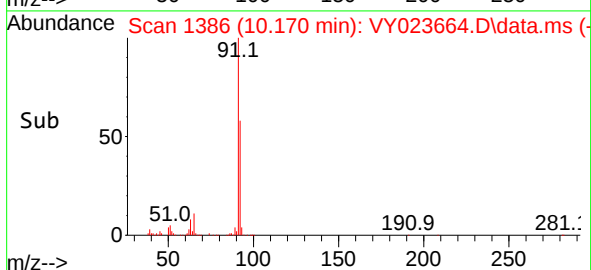
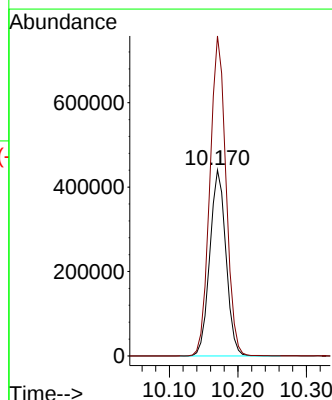
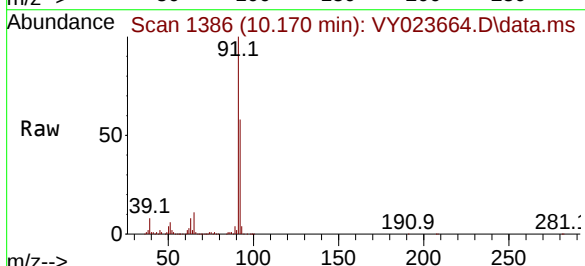
Acq: 04 Nov 2025 10:42

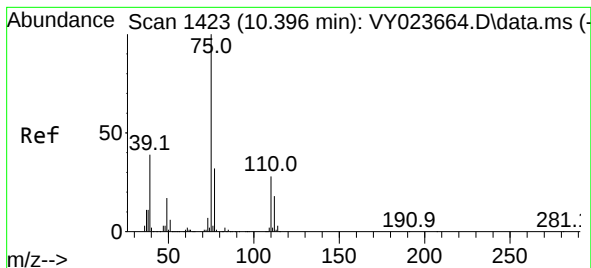
Tgt Ion: 92 Resp: 721090

Ion Ratio Lower Upper

92 100

91 172.3 137.8 206.8

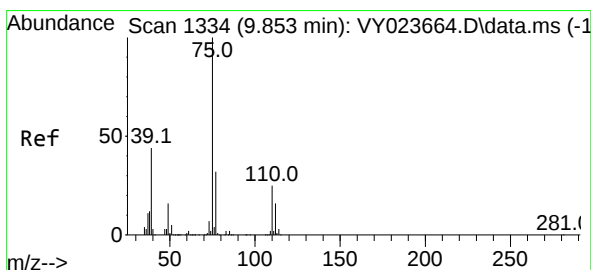
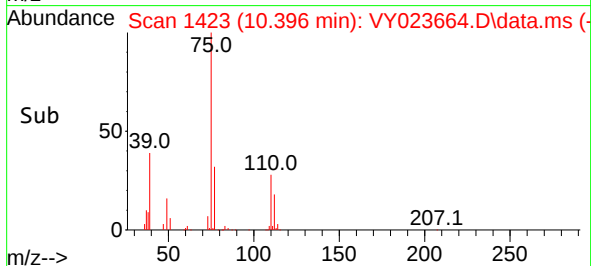
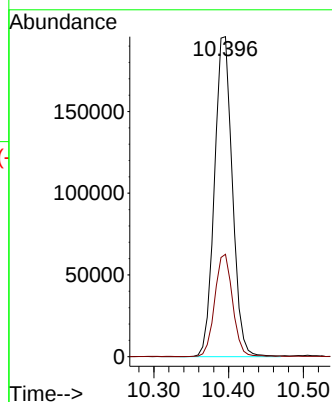
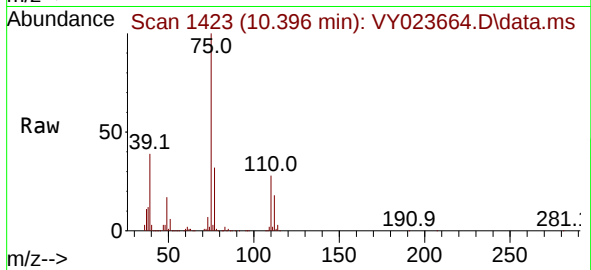




#53
t-1,3-Dichloropropene
Concen: 50.350 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

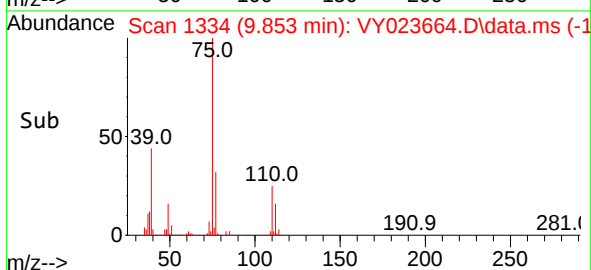
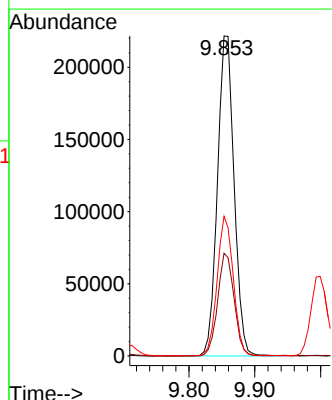
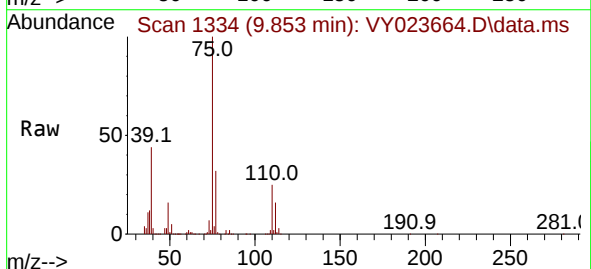
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

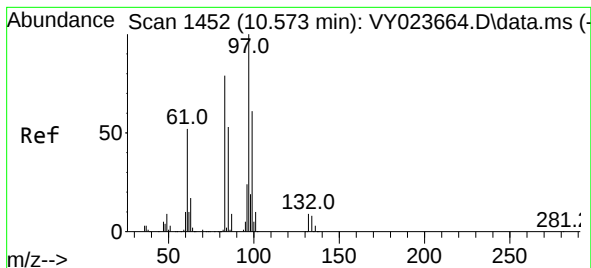
Tgt Ion: 75 Resp: 326566
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 50.333 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 75 Resp: 391126
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 43.6 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 48.601 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 197468

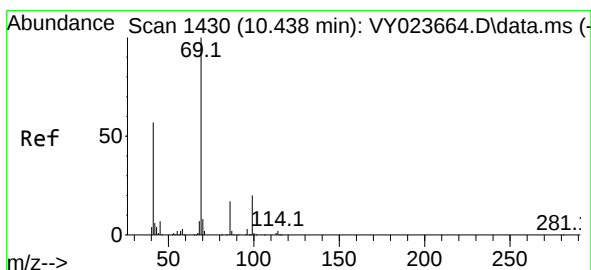
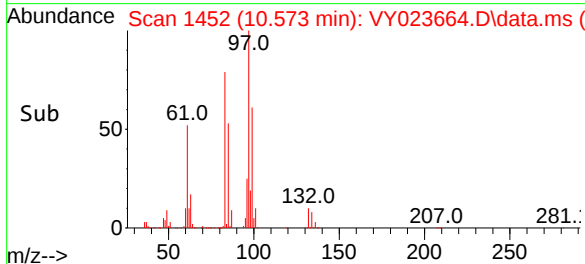
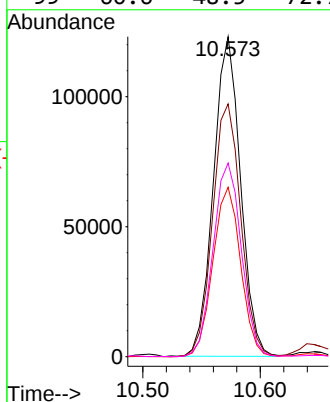
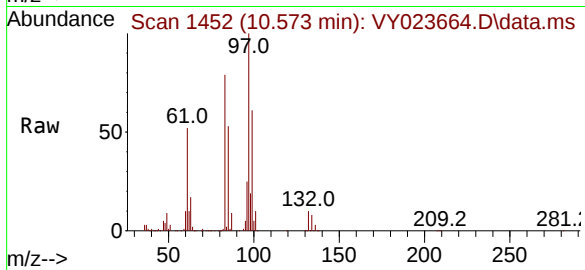
Ion Ratio Lower Upper

97 100

83 79.1 63.3 94.9

85 53.0 42.4 63.6

99 60.6 48.5 72.7



#56

Ethyl methacrylate

Concen: 52.139 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

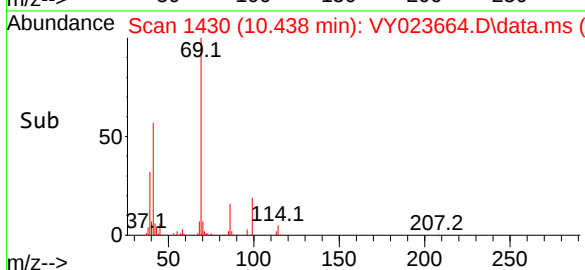
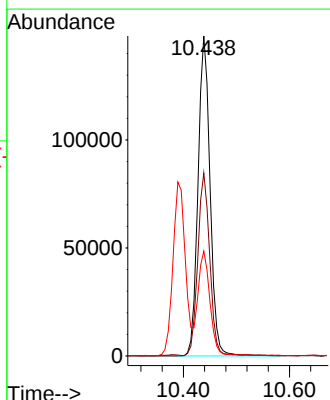
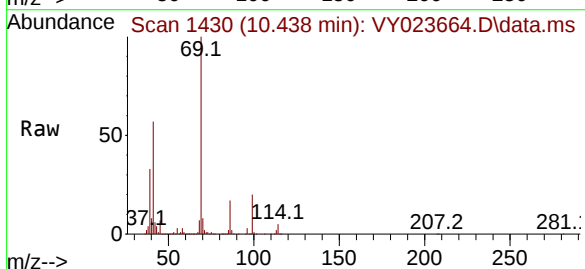
Tgt Ion: 69 Resp: 233410

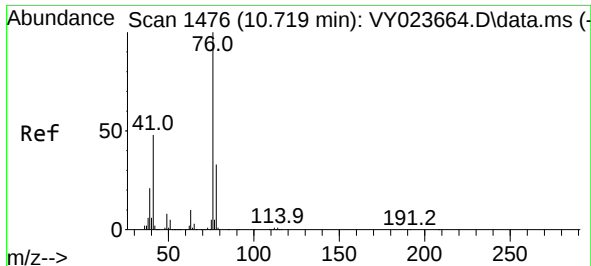
Ion Ratio Lower Upper

69 100

41 56.2 45.0 67.4

39 31.4 25.1 37.7





#57

1,3-Dichloropropane

Concen: 49.234 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

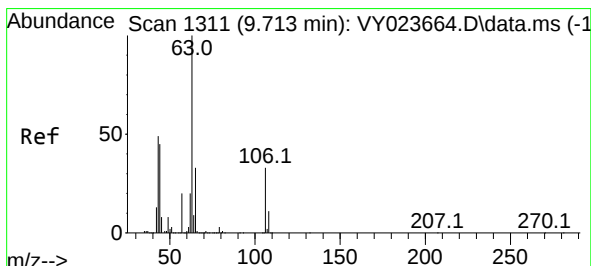
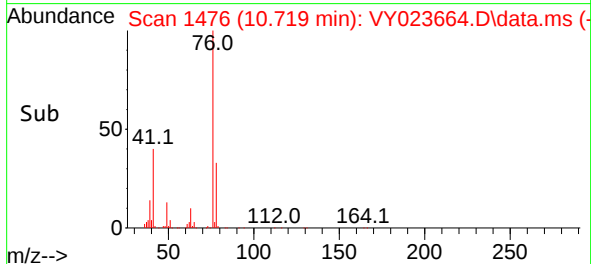
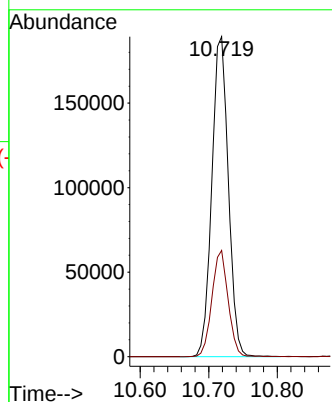
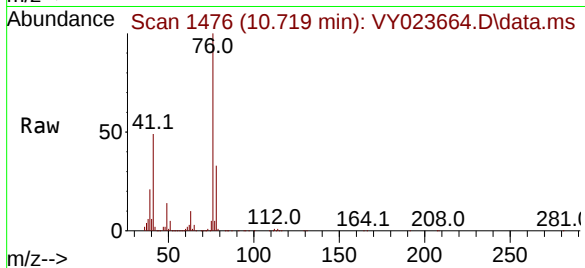
VSTDICCC050

Tgt Ion: 76 Resp: 317296

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 261.987 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023664.D

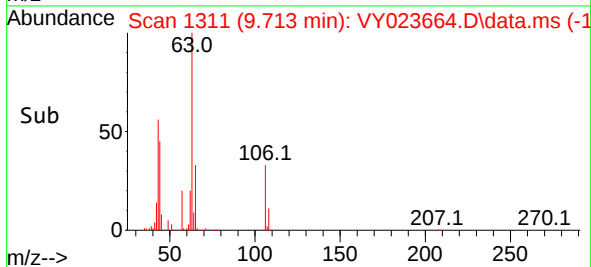
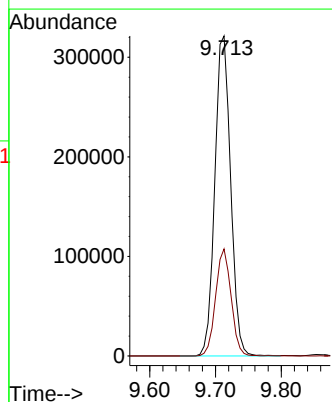
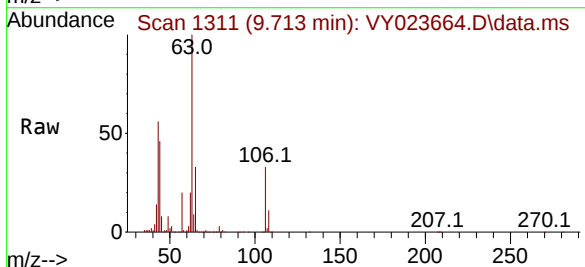
Acq: 04 Nov 2025 10:42

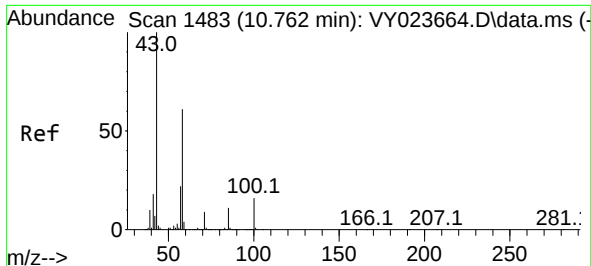
Tgt Ion: 63 Resp: 538181

Ion Ratio Lower Upper

63 100

106 32.7 26.2 39.2





#59

2-Hexanone

Concen: 242.927 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

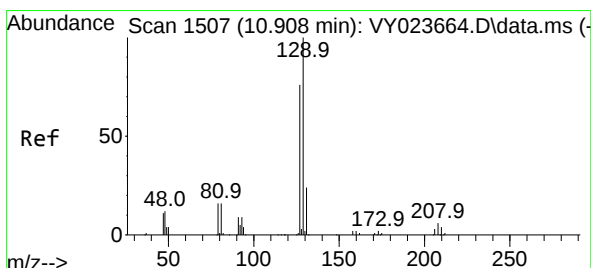
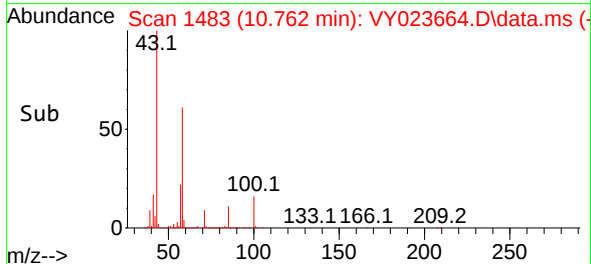
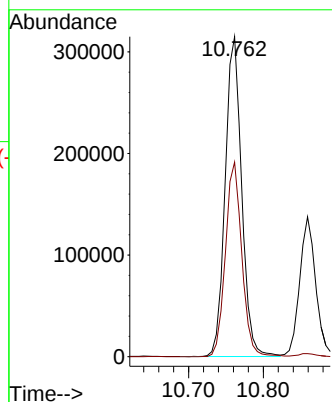
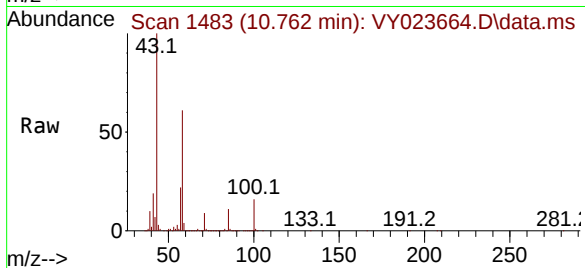
VSTDICCC050

Tgt Ion: 43 Resp: 483563

Ion Ratio Lower Upper

43 100

58 60.4 30.2 90.6



#60

Dibromochloromethane

Concen: 49.299 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023664.D

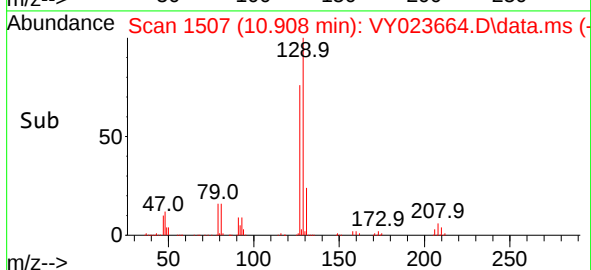
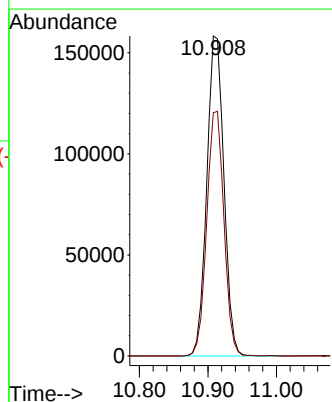
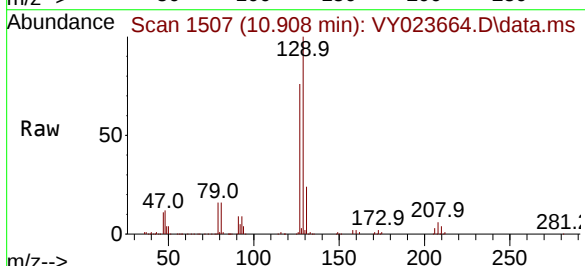
Acq: 04 Nov 2025 10:42

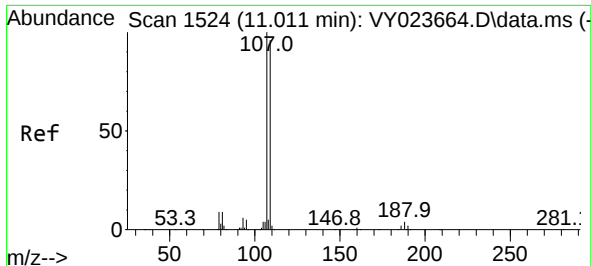
Tgt Ion:129 Resp: 275217

Ion Ratio Lower Upper

129 100

127 76.8 38.4 115.2

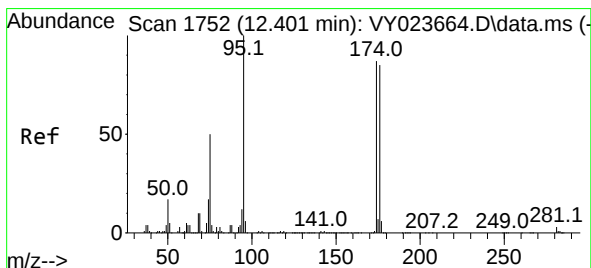
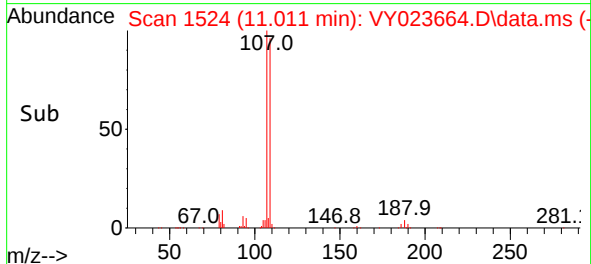
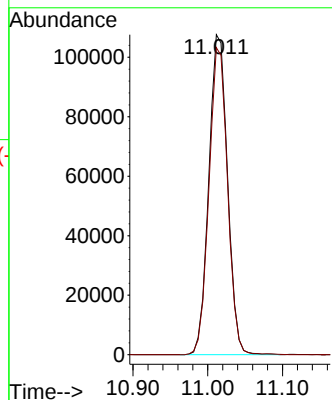
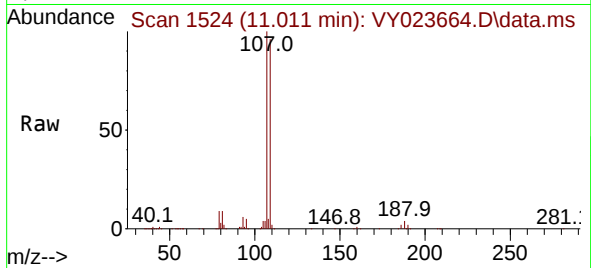




#61
1,2-Dibromoethane
Concen: 49.070 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

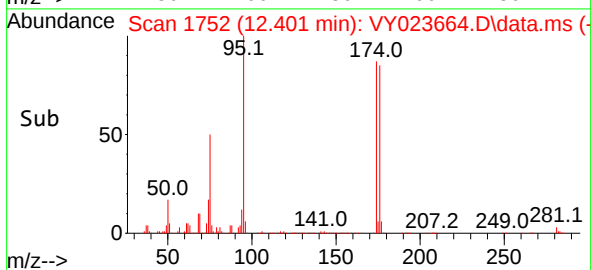
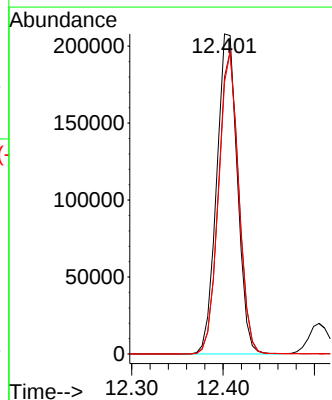
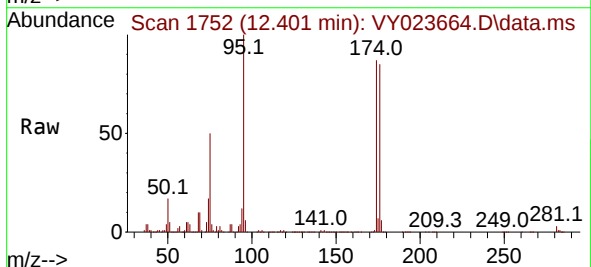
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

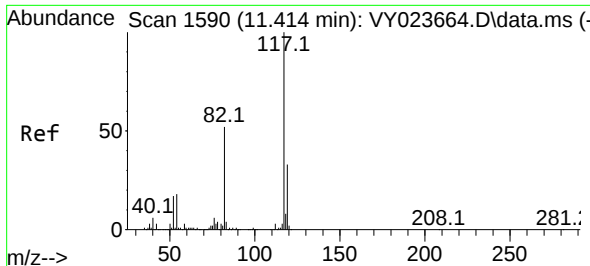
Tgt Ion:107 Resp: 187108
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 51.505 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 95 Resp: 327509
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.8
176 90.8 0.0 181.6

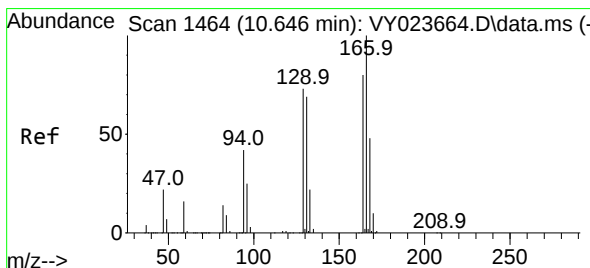
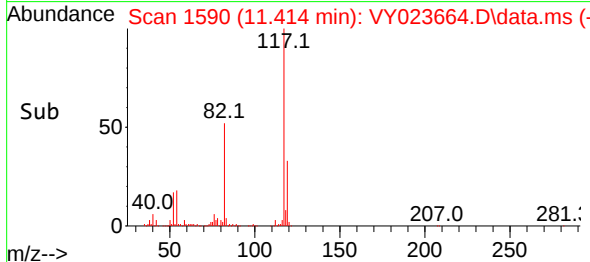
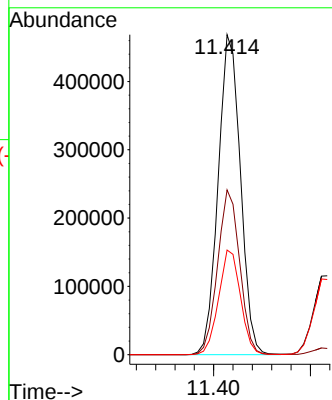
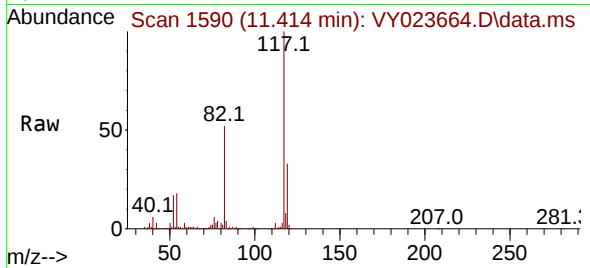




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

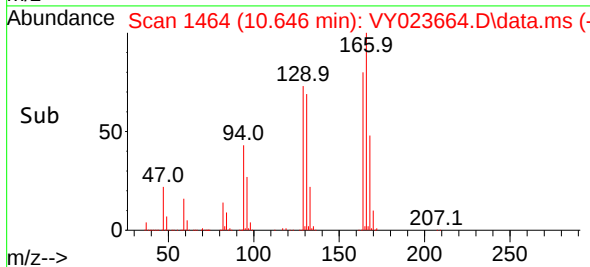
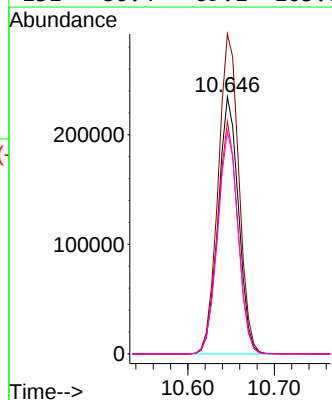
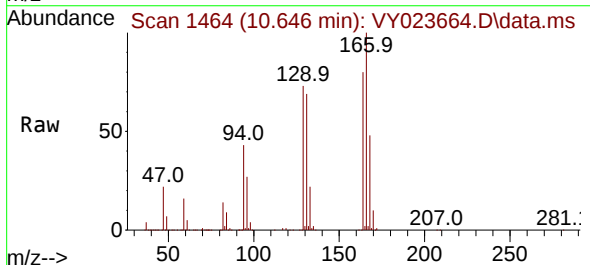
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

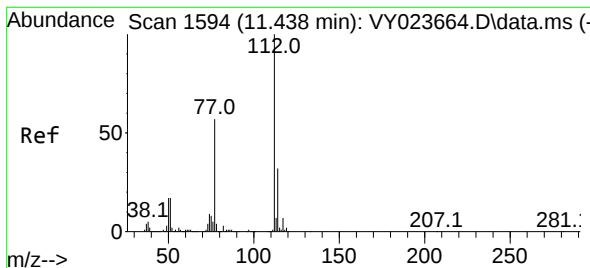
Tgt Ion:117 Resp: 748313
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 49.228 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:164 Resp: 383425
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 90.4 72.3 108.5
131 86.4 69.1 103.7

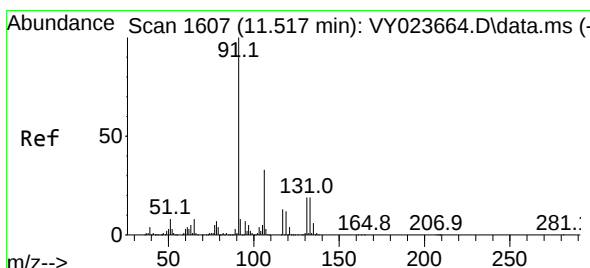
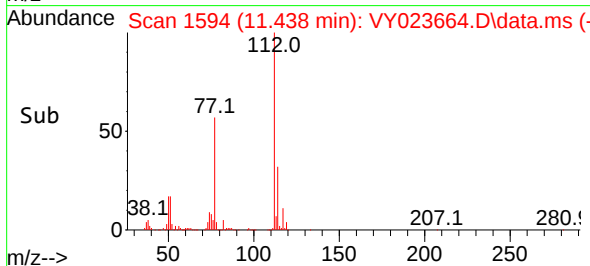
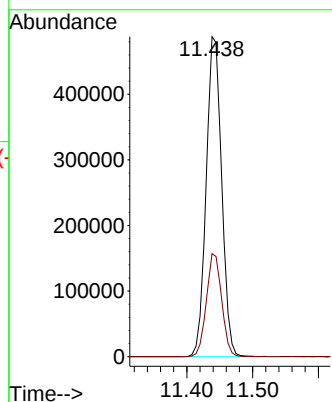
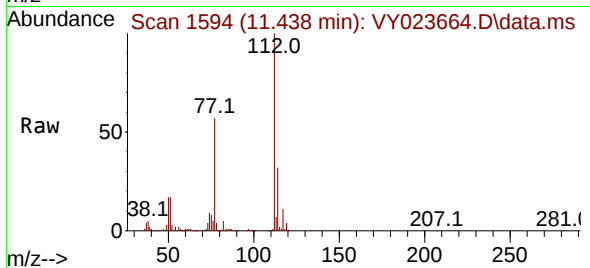




#65
Chlorobenzene
Concen: 49.008 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

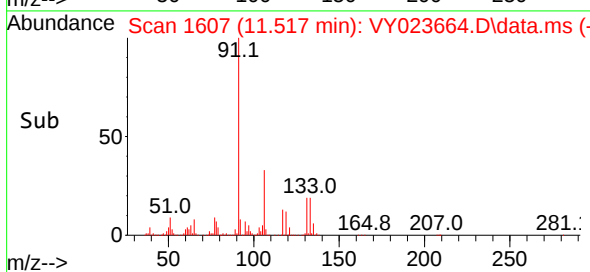
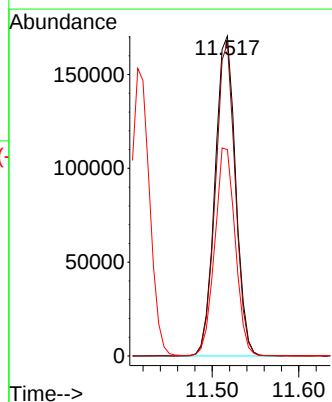
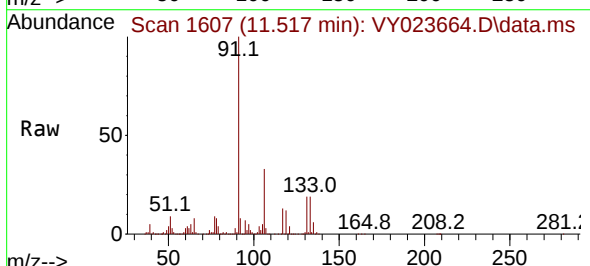
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

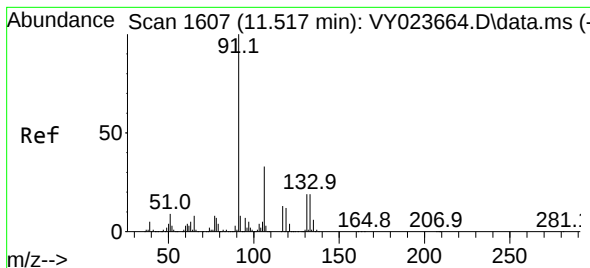
Tgt Ion:112 Resp: 798384
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.962 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:131 Resp: 282049
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 64.9 32.5 97.4

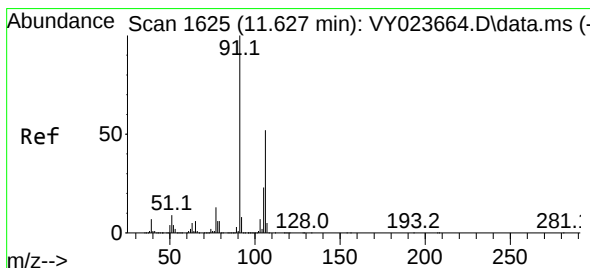
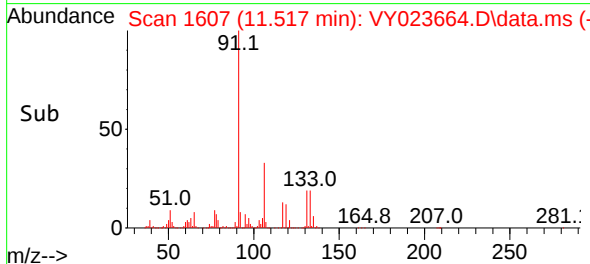
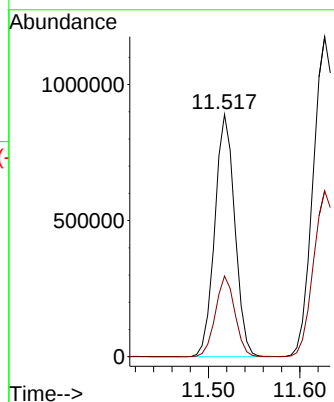
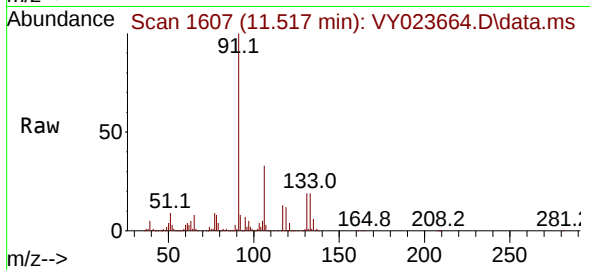




#67
Ethyl Benzene
Concen: 51.285 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

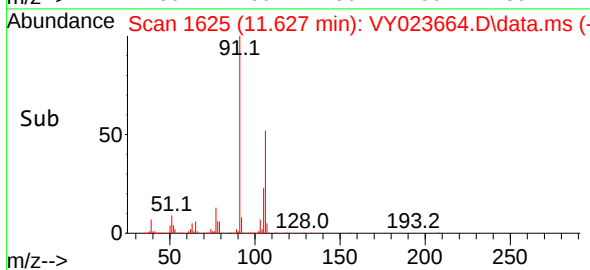
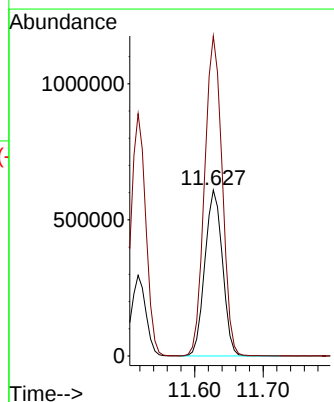
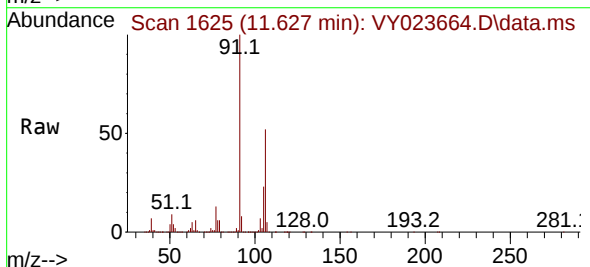
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

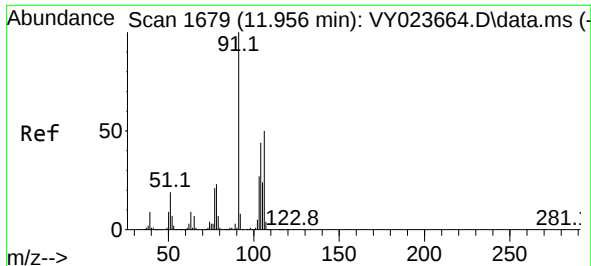
Tgt Ion: 91 Resp: 1352193
Ion Ratio Lower Upper
91 100
106 33.3 26.6 40.0



#68
m/p-Xylenes
Concen: 103.340 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:106 Resp: 1088606
Ion Ratio Lower Upper
106 100
91 192.9 154.3 231.5

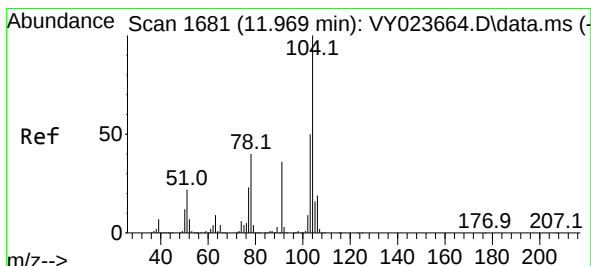
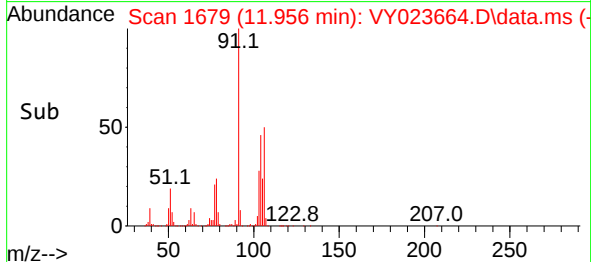
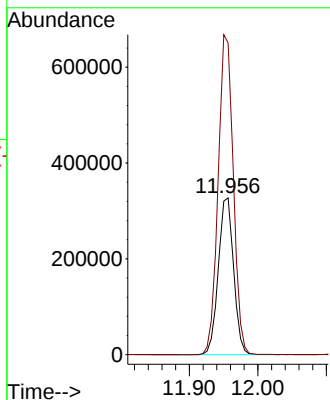
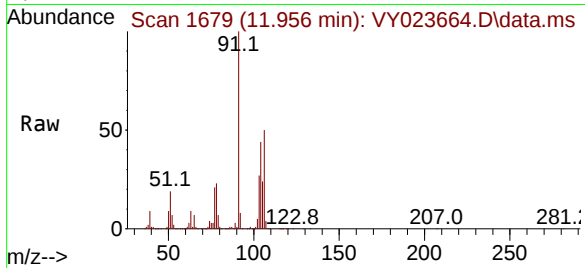




#69
o-Xylene
Concen: 51.824 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

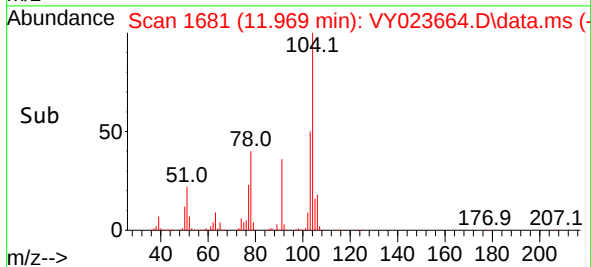
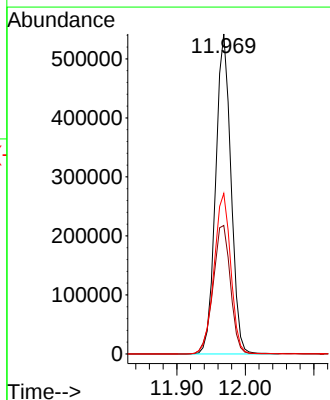
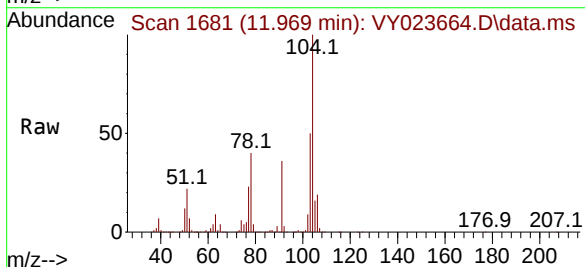
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

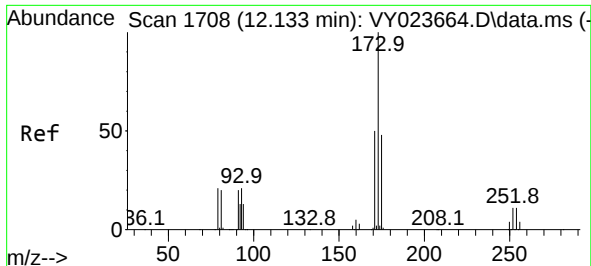
Tgt Ion:106 Resp: 504648
Ion Ratio Lower Upper
106 100
91 203.1 101.6 304.6



#70
Styrene
Concen: 52.208 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:104 Resp: 838808
Ion Ratio Lower Upper
104 100
78 45.6 36.5 54.7
103 54.6 43.7 65.5

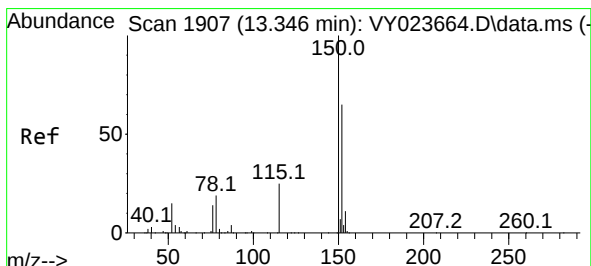
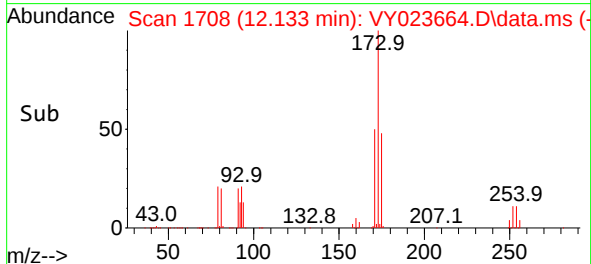
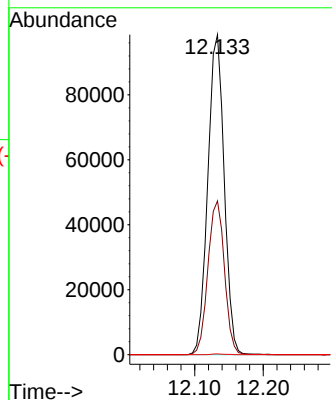
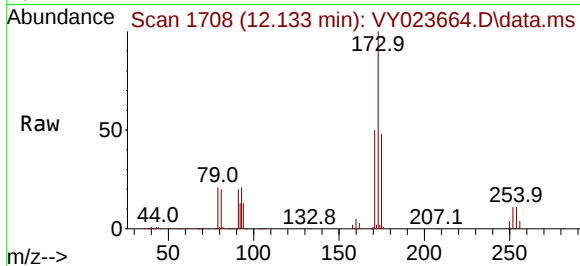




#71
Bromoform
Concen: 48.678 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

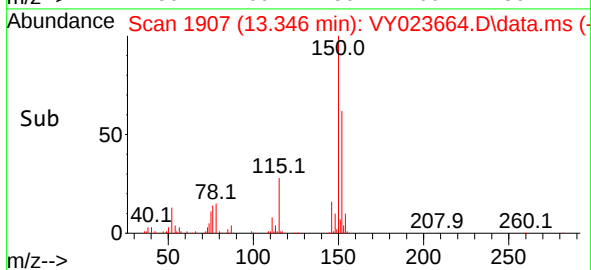
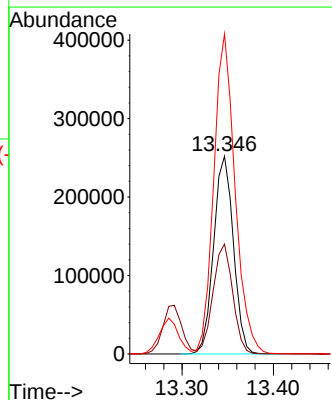
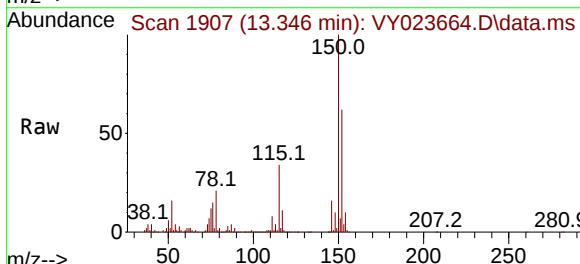
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

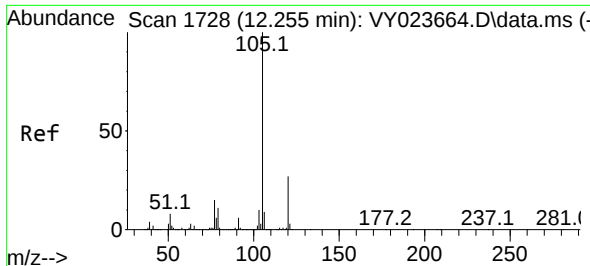
Tgt Ion:173 Resp: 163771
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:152 Resp: 378927
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.5
150 174.5 0.0 349.0

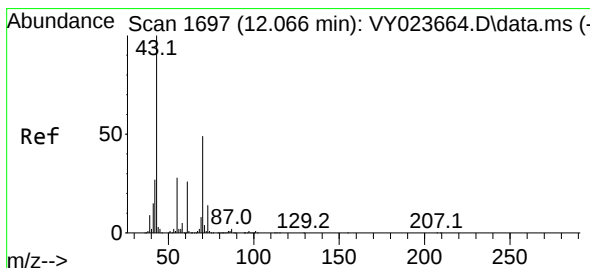
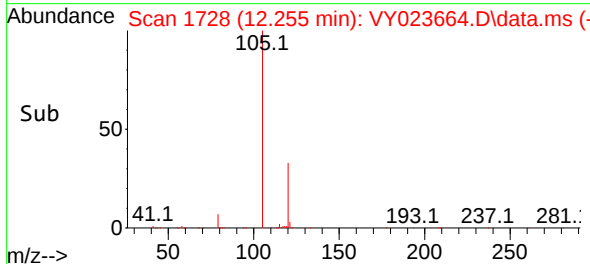
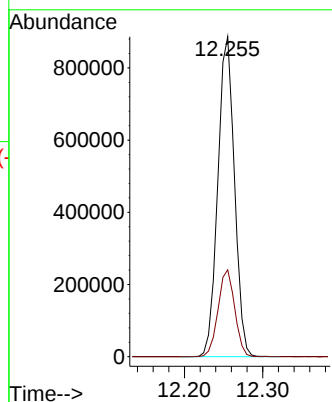
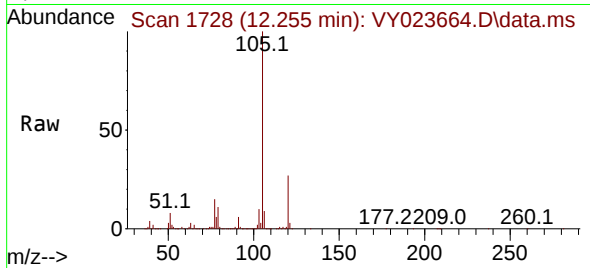




#73
Isopropylbenzene
Concen: 51.752 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

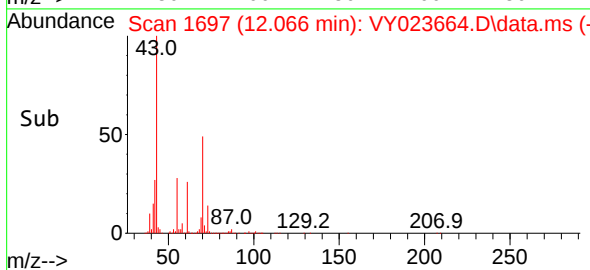
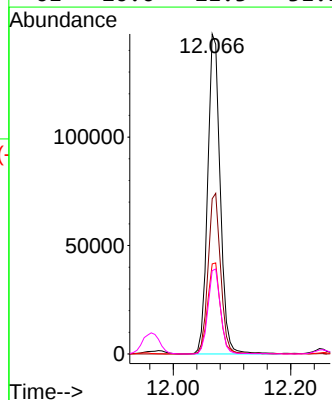
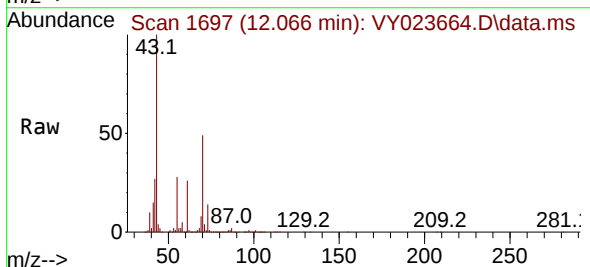
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

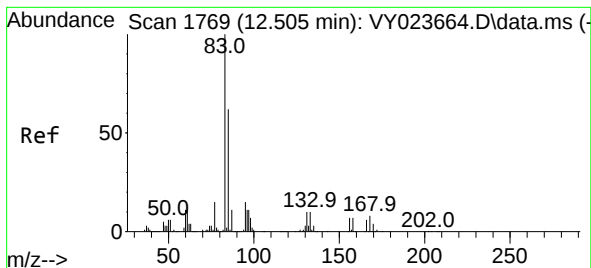
Tgt Ion:105 Resp: 1311582
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 50.962 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 43 Resp: 218665
Ion Ratio Lower Upper
43 100
70 50.1 40.1 60.1
55 28.8 23.0 34.6
61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.061 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

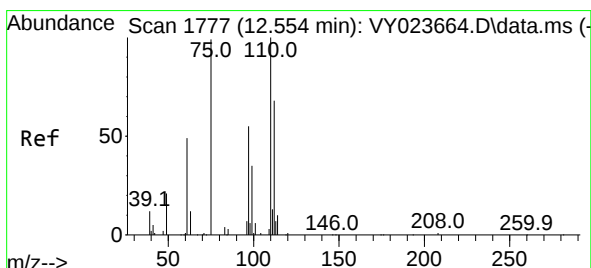
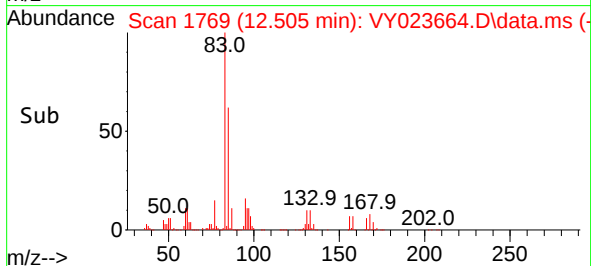
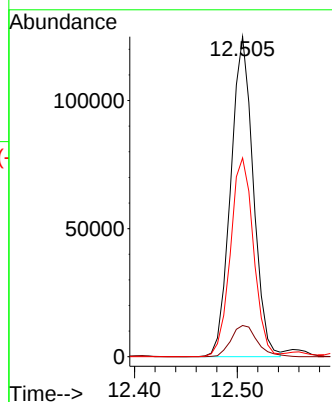
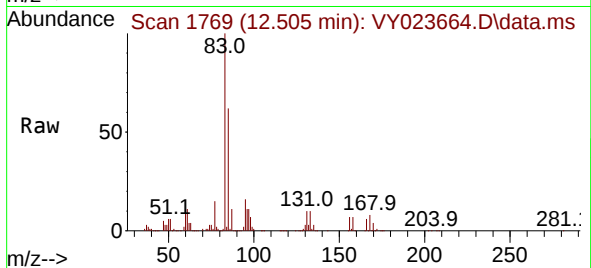
Tgt Ion: 83 Resp: 190486

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 86.109 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023664.D

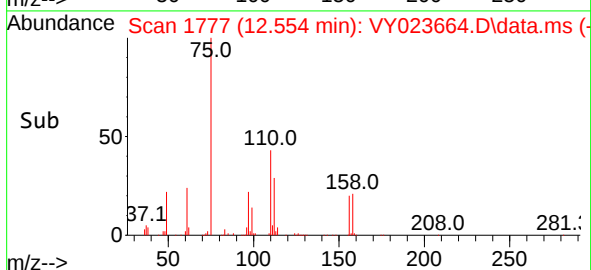
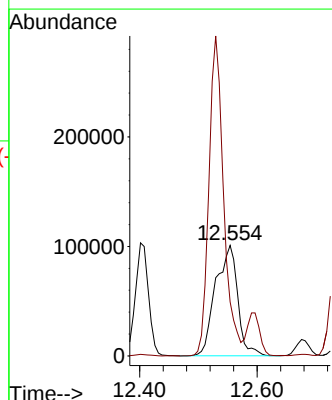
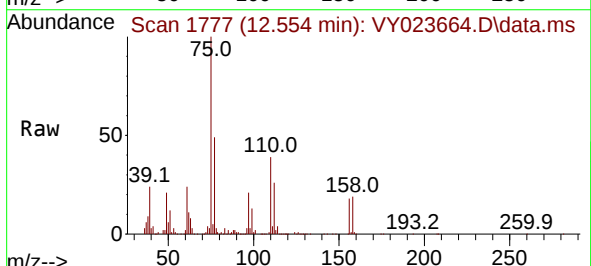
Acq: 04 Nov 2025 10:42

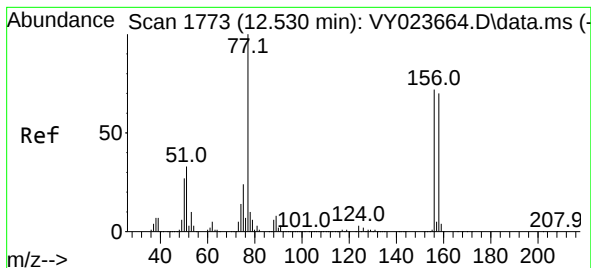
Tgt Ion: 75 Resp: 264071

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.702 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

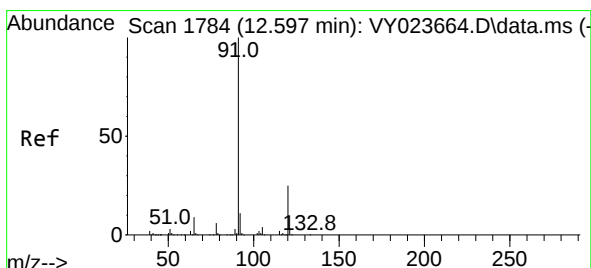
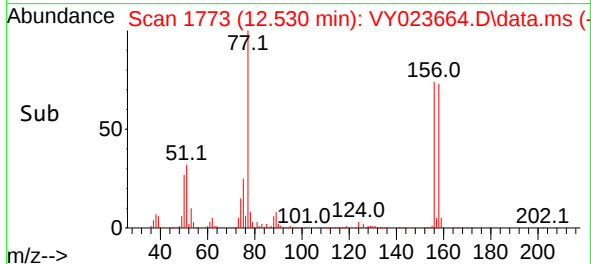
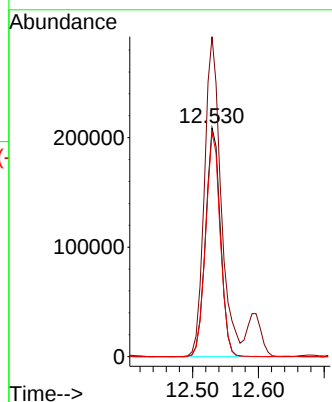
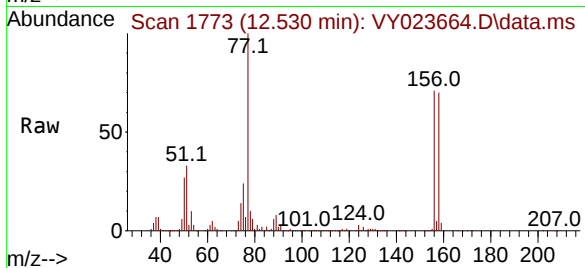
Tgt Ion:156 Resp: 326732

Ion Ratio Lower Upper

156 100

77 155.8 77.9 233.7

158 97.0 48.5 145.5



#78

n-propylbenzene

Concen: 51.929 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023664.D

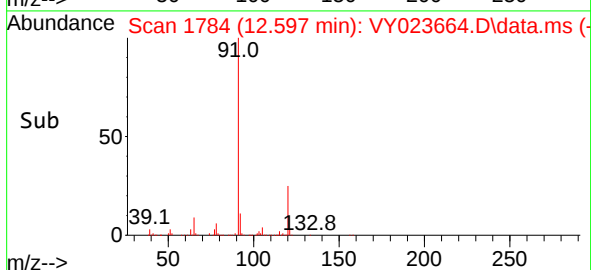
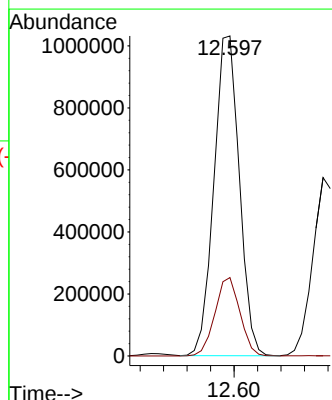
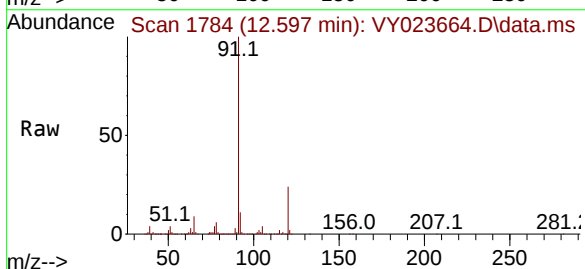
Acq: 04 Nov 2025 10:42

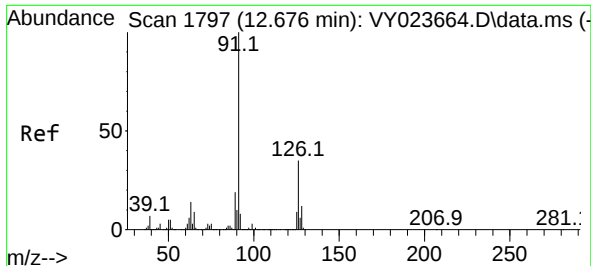
Tgt Ion: 91 Resp: 1548019

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1

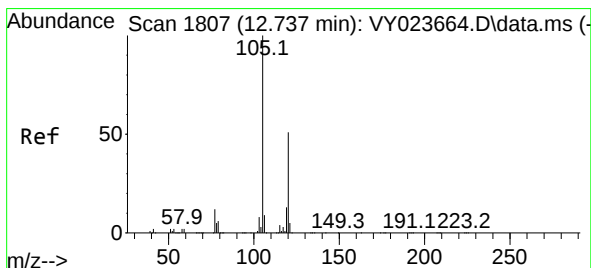
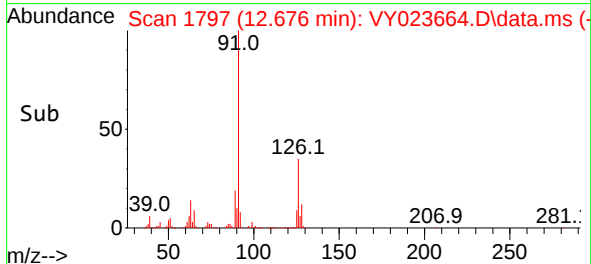
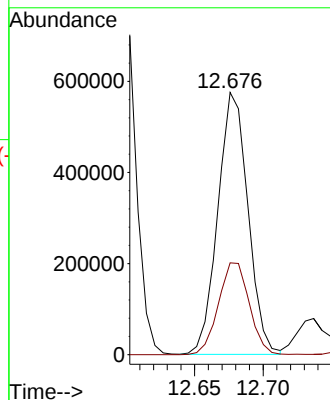
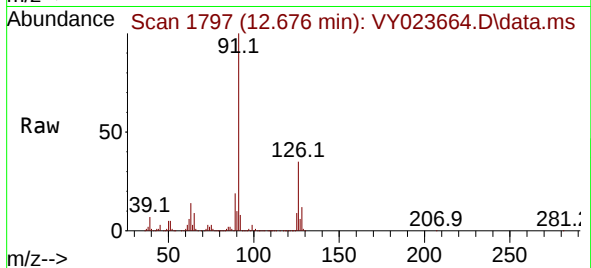




#79
2-Chlorotoluene
Concen: 50.938 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

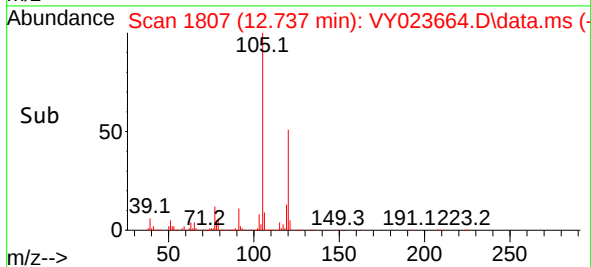
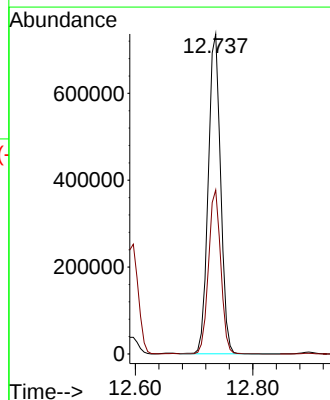
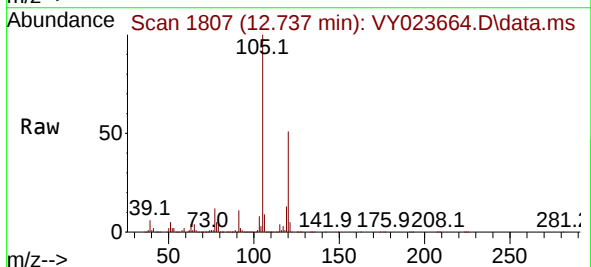
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

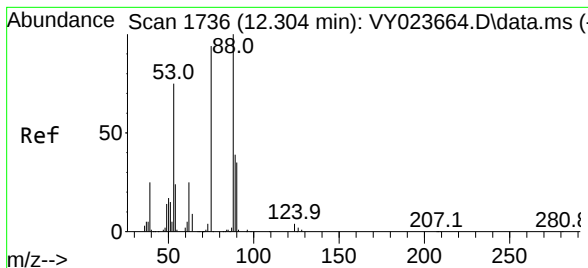
Tgt Ion: 91 Resp: 881152
Ion Ratio Lower Upper
91 100
126 36.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 52.144 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion:105 Resp: 1073705
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.2

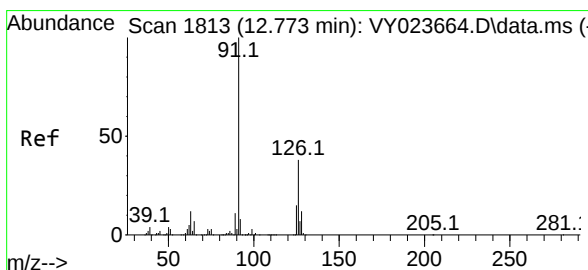
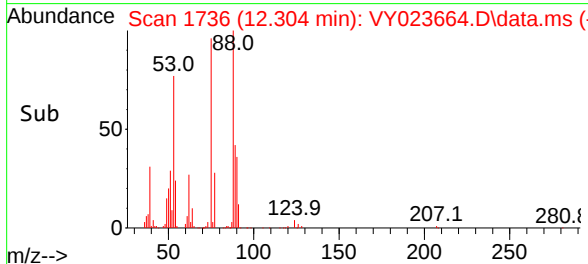
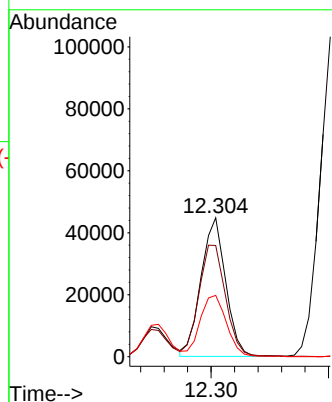
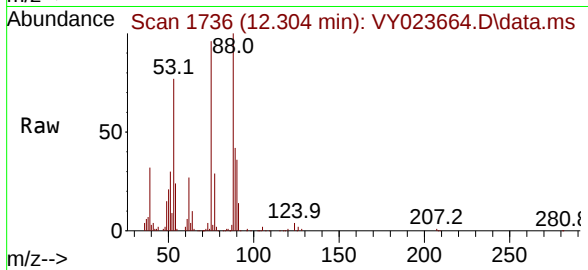




#81
trans-1,4-Dichloro-2-butene
Concen: 48.129 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

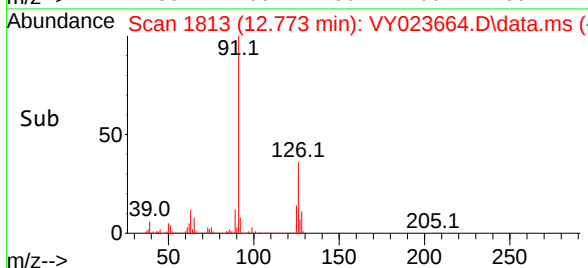
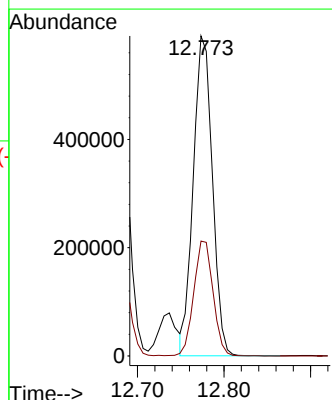
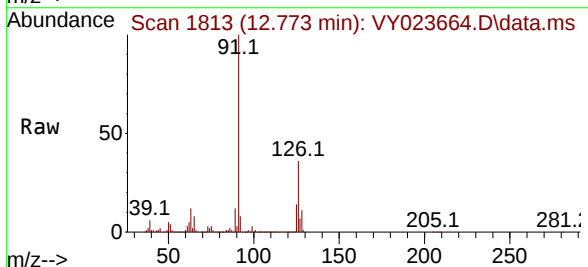
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

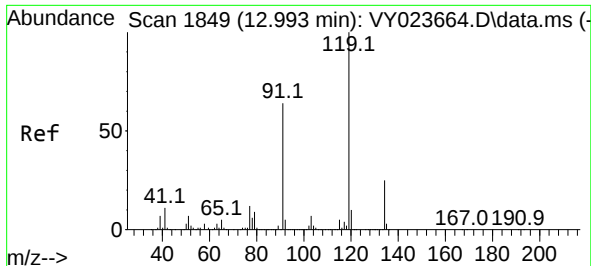
Tgt Ion: 75 Resp: 65310
Ion Ratio Lower Upper
75 100
53 87.0 69.6 104.4
89 47.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 50.699 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 91 Resp: 904469
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.4

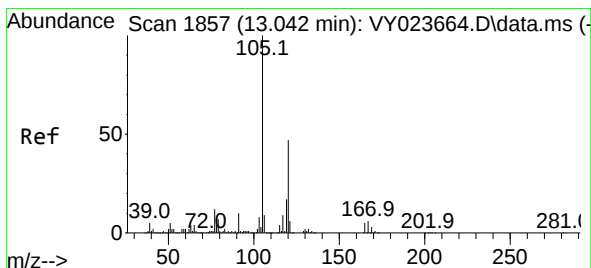
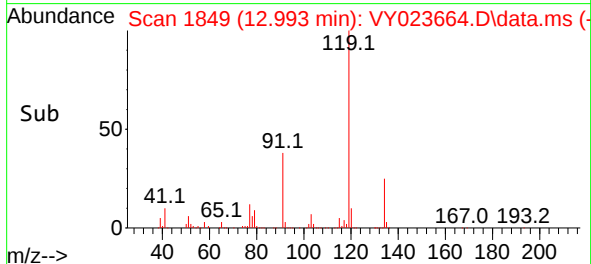
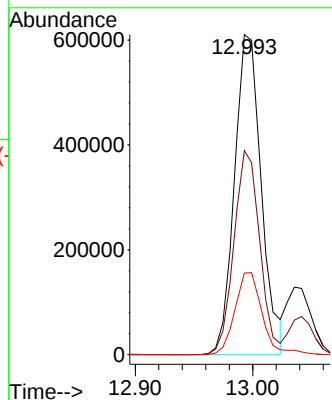
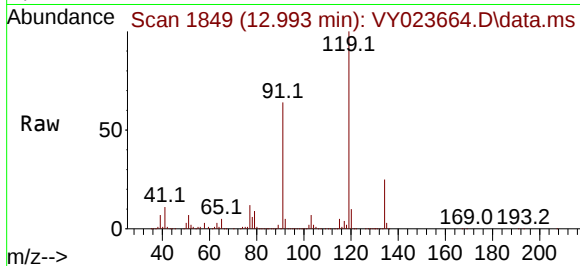




#83
 tert-Butylbenzene
 Concen: 51.686 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023664.D
 Acq: 04 Nov 2025 10:42

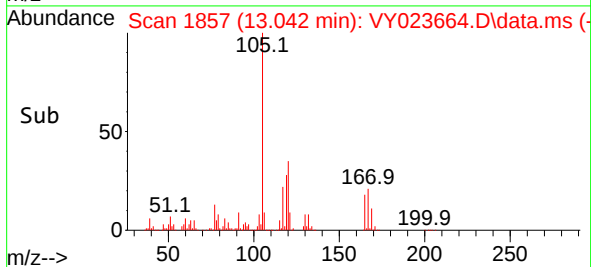
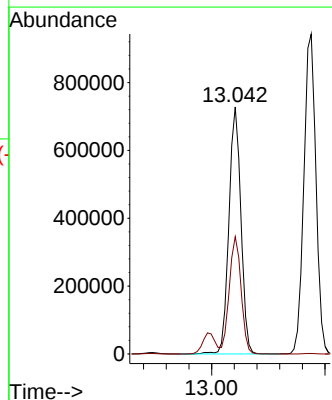
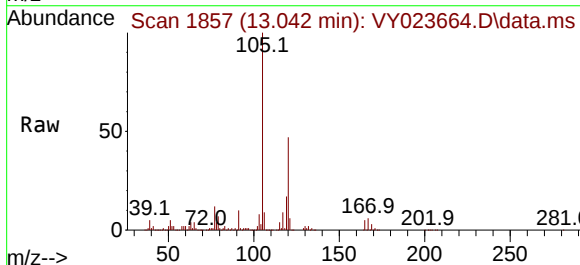
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

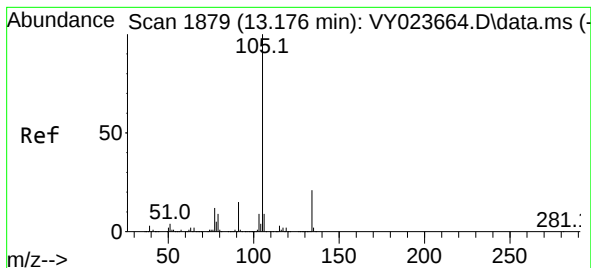
Tgt Ion:119 Resp: 969322
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.7 92.1
 134 26.1 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.367 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023664.D
 Acq: 04 Nov 2025 10:42

Tgt Ion:105 Resp: 1068009
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.485 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

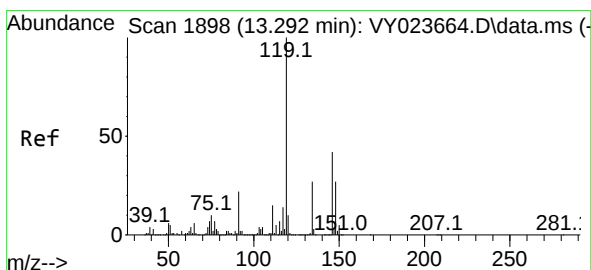
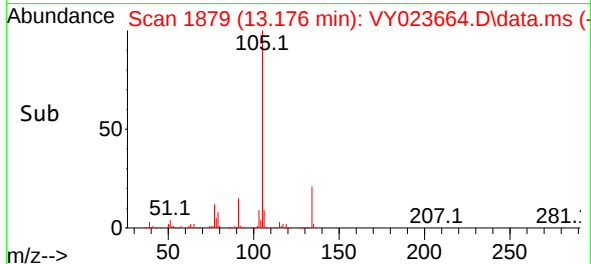
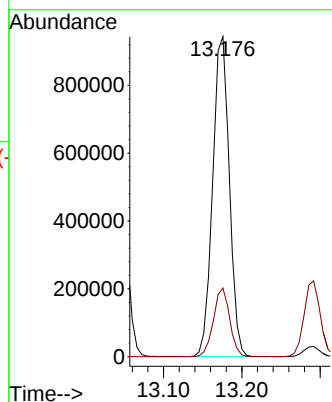
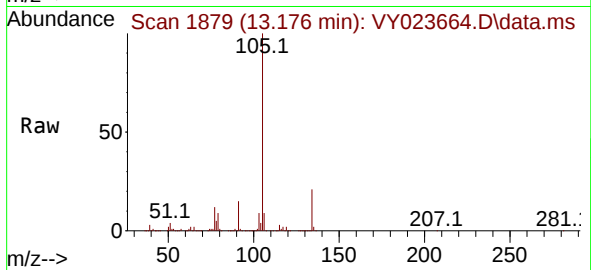
VSTDICCC050

Tgt Ion:105 Resp: 1392655

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 52.399 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

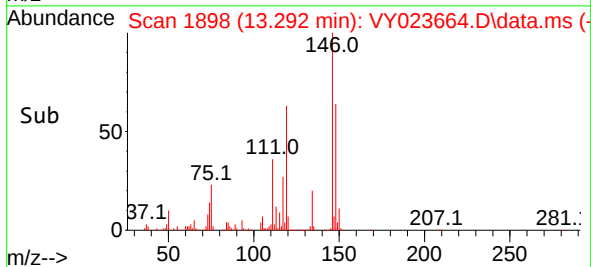
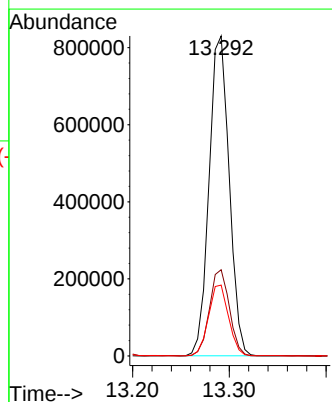
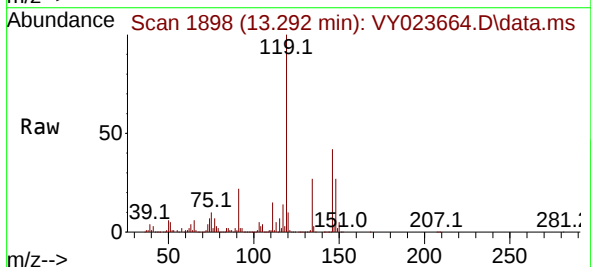
Tgt Ion:119 Resp: 1199869

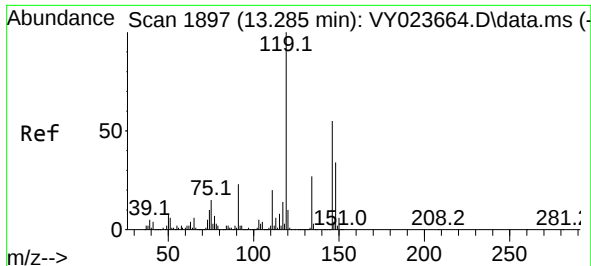
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 49.605 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

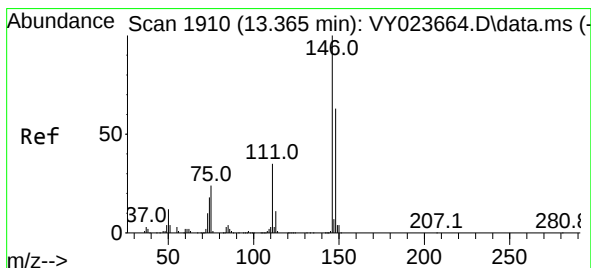
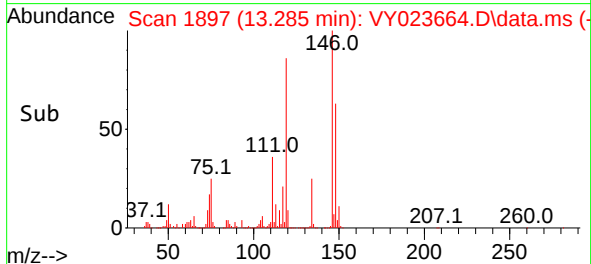
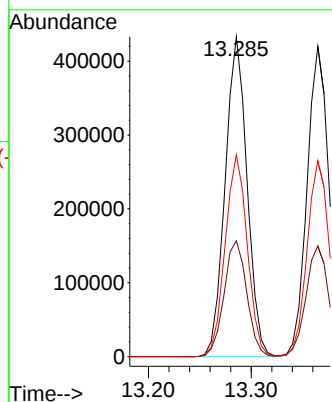
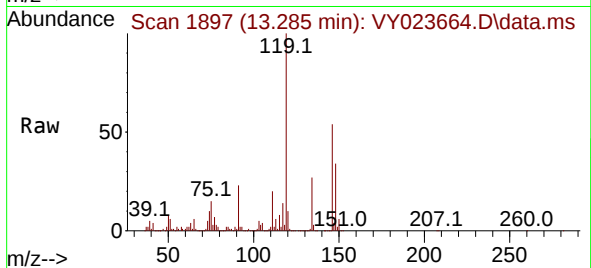
Tgt Ion:146 Resp: 641830

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.241 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

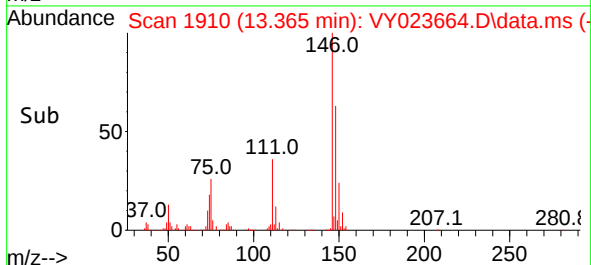
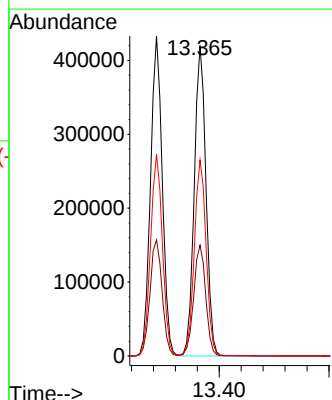
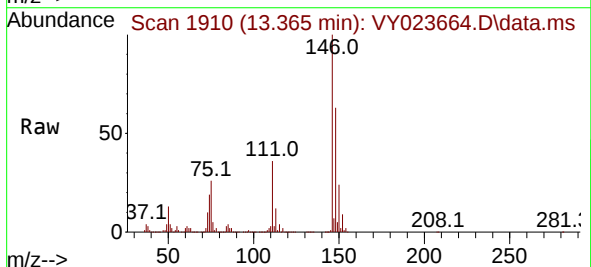
Tgt Ion:146 Resp: 625847

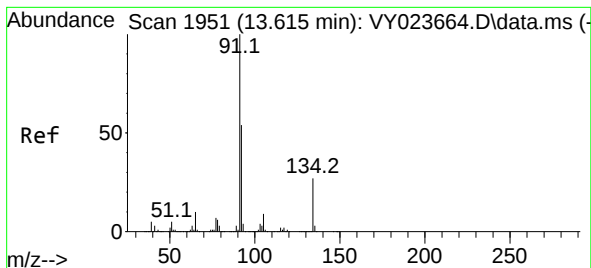
Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 52.370 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

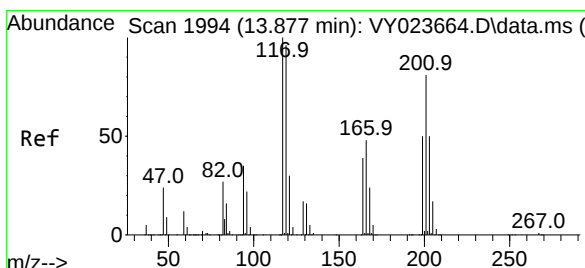
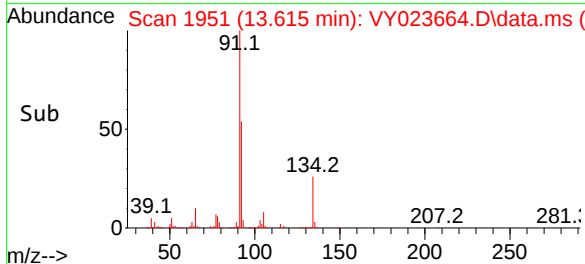
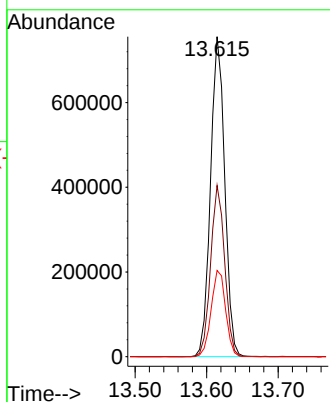
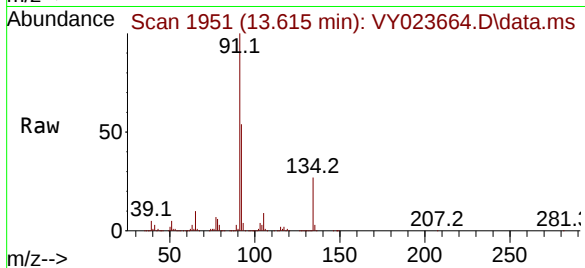
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1042799

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.4
134	27.4	13.7	41.1



#90

Hexachloroethane

Concen: 49.183 ug/l

RT: 13.877 min Scan# 1994

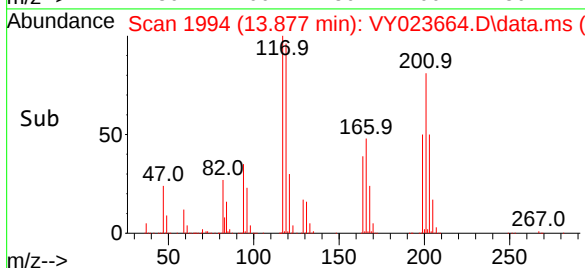
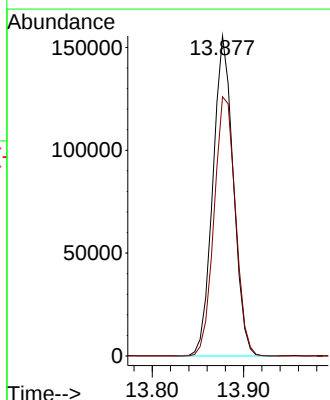
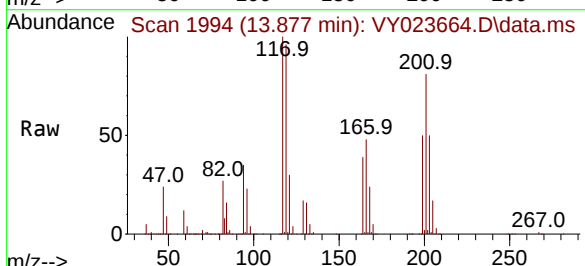
Delta R.T. 0.000 min

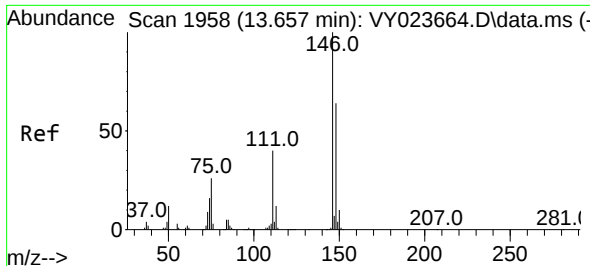
Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Tgt Ion: 117 Resp: 242026

Ion	Ratio	Lower	Upper
117	100		
201	84.5	42.3	126.8

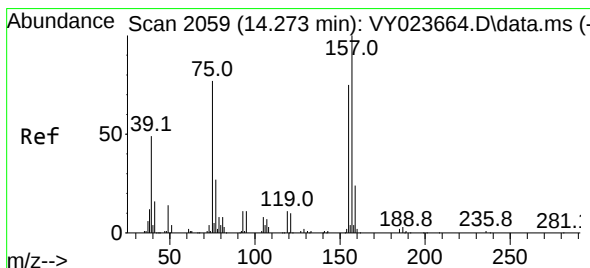
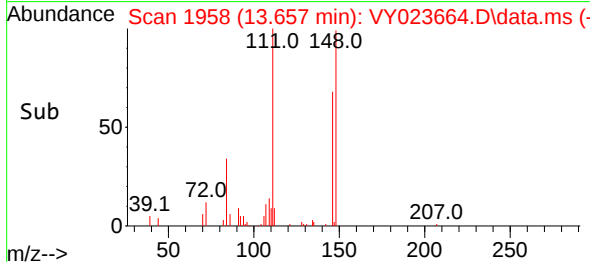
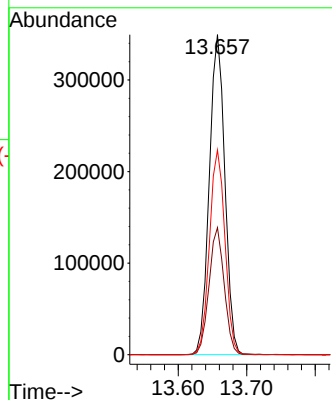
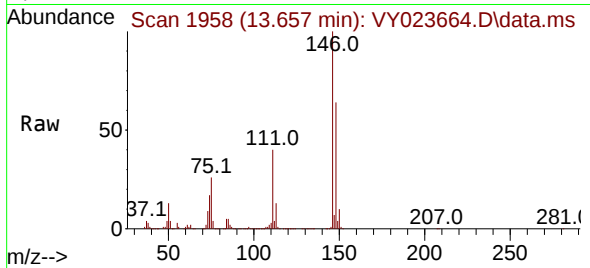




#91
1,2-Dichlorobenzene
Concen: 49.400 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

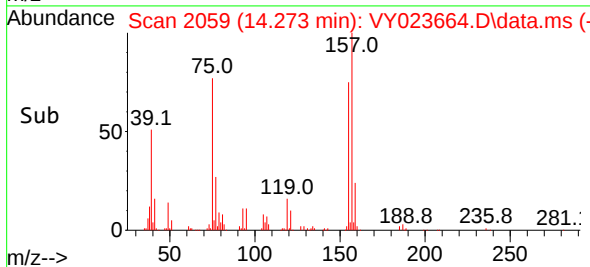
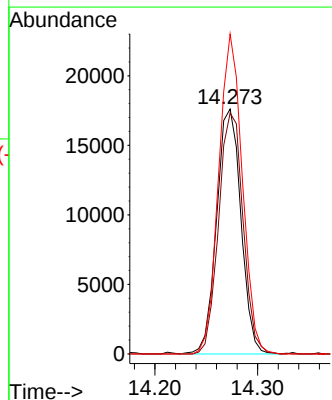
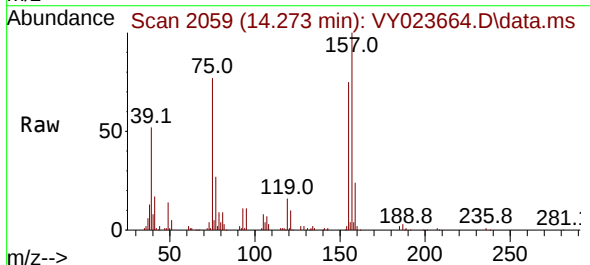
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

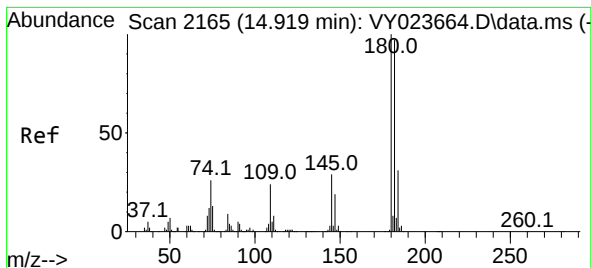
Tgt Ion:146 Resp: 550837
Ion Ratio Lower Upper
146 100
111 39.0 19.5 58.5
148 63.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.355 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023664.D
Acq: 04 Nov 2025 10:42

Tgt Ion: 75 Resp: 28889
Ion Ratio Lower Upper
75 100
155 98.8 49.4 148.2
157 126.5 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 50.677 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

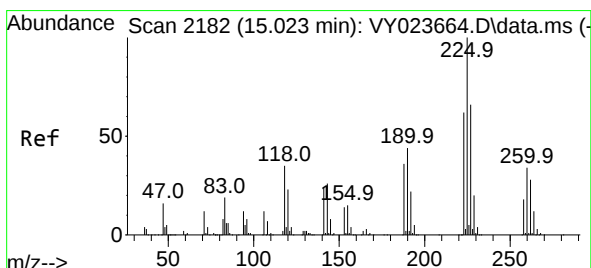
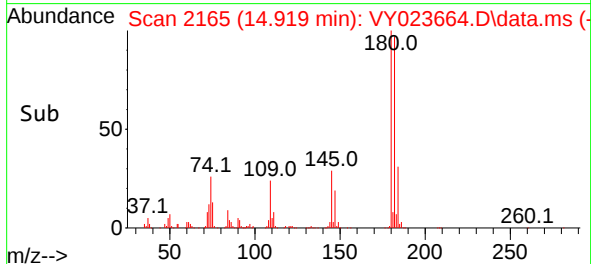
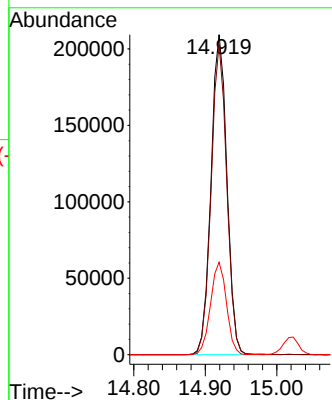
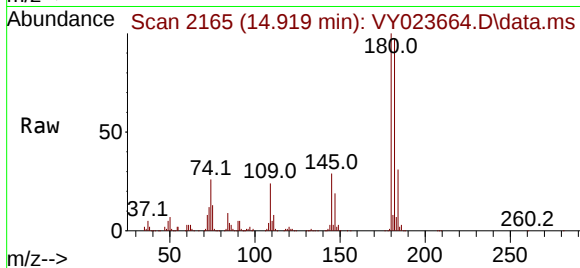
Tgt Ion:180 Resp: 323218

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 28.9 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.032 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

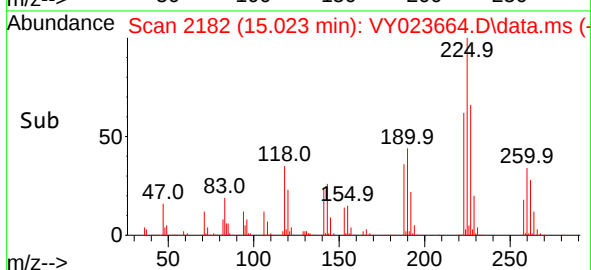
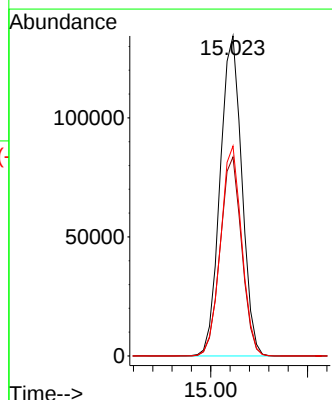
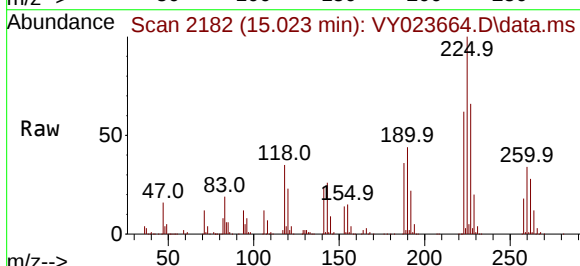
Tgt Ion:225 Resp: 209077

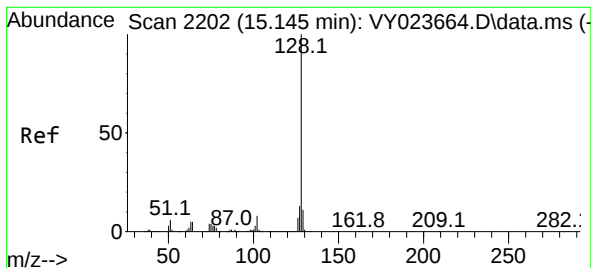
Ion Ratio Lower Upper

225 100

223 61.5 30.8 92.3

227 64.1 32.0 96.2





#95

Naphthalene

Concen: 44.734 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

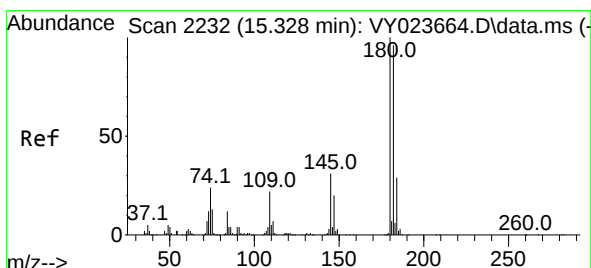
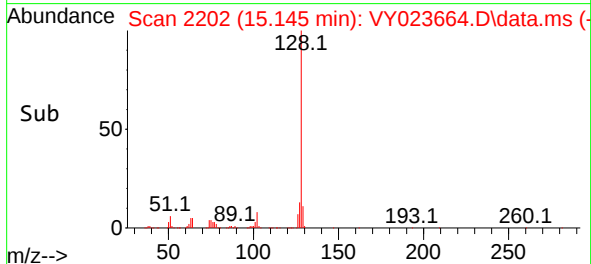
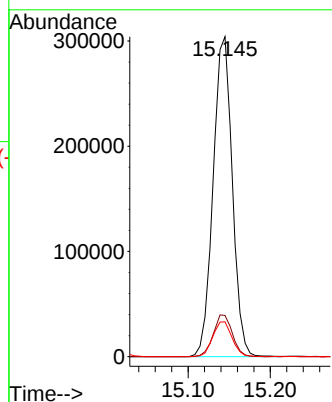
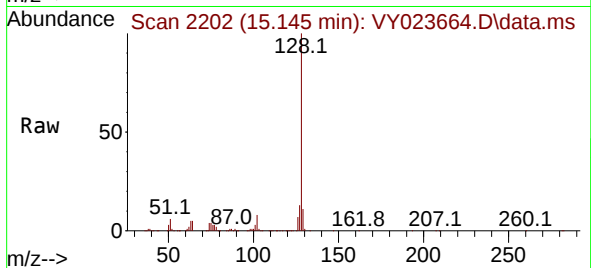
Tgt Ion:128 Resp: 491886

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.002 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023664.D

Acq: 04 Nov 2025 10:42

Tgt Ion:180 Resp: 271777

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 31.0 15.5 46.5

