

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023677.D
 Acq On : 04 Nov 2025 16:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 04:53:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	574983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	850327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	392784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	239180	48.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.640	113	260725	49.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.109	98	1011963	51.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.401	95	333117	52.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	165545	43.861	ug/l	99
3) Chloromethane	2.074	50	244605	46.312	ug/l	99
4) Vinyl Chloride	2.208	62	319076	46.426	ug/l	98
5) Bromomethane	2.598	94	257842	44.600	ug/l	100
6) Chloroethane	2.739	64	227436	47.880	ug/l	99
7) Trichlorofluoromethane	3.062	101	456931	47.206	ug/l	99
8) Diethyl Ether	3.458	74	130227	50.170	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	261678	49.068	ug/l	100
10) Methyl Iodide	4.007	142	333320	52.929	ug/l	99
11) Tert butyl alcohol	4.866	59	76058	240.495	ug/l	97
12) 1,1-Dichloroethene	3.793	96	257642	50.152	ug/l	97
13) Acrolein	3.659	56	89815	220.953	ug/l	99
14) Allyl chloride	4.391	41	326165	52.161	ug/l	98
15) Acrylonitrile	5.061	53	259099	261.197	ug/l	99
16) Acetone	3.872	43	273164	224.060	ug/l	100
17) Carbon Disulfide	4.110	76	778144	49.351	ug/l	99
18) Methyl Acetate	4.391	43	139773	51.978	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	633910	53.215	ug/l	99
20) Methylene Chloride	4.616	84	276273	46.942	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	290388	50.133	ug/l	97
22) Diisopropyl ether	6.025	45	741628	53.227	ug/l	99
23) Vinyl Acetate	5.964	43	1992642	267.995	ug/l	100
24) 1,1-Dichloroethane	5.921	63	465997	50.204	ug/l	99
25) 2-Butanone	6.896	43	344310	244.267	ug/l	100
26) 2,2-Dichloropropane	6.890	77	413764	48.460	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	335462	50.709	ug/l	100
28) Bromochloromethane	7.250	49	177640	49.982	ug/l	98
29) Tetrahydrofuran	7.262	42	204791	272.804	ug/l	98
30) Chloroform	7.427	83	520588	50.267	ug/l	99
31) Cyclohexane	7.707	56	402733	49.822	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	461465	49.855	ug/l	100
36) 1,1-Dichloropropene	7.841	75	361711	50.939	ug/l	99
37) Ethyl Acetate	6.988	43	142458	51.824	ug/l	99
38) Carbon Tetrachloride	7.823	117	419558	50.148	ug/l	100
39) Methylcyclohexane	9.109	83	482326	53.160	ug/l	98
40) Benzene	8.085	78	1141024	50.978	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	76701	51.118	ug/l	96
42) 1,2-Dichloroethane	8.158	62	282941	49.966	ug/l	99
43) Isopropyl Acetate	8.201	43	276761	53.585	ug/l	99
44) Trichloroethene	8.865	130	316867	49.289	ug/l	99
45) 1,2-Dichloropropane	9.146	63	254901	51.601	ug/l	98
46) Dibromomethane	9.231	93	155337	50.751	ug/l	100
47) Bromodichloromethane	9.426	83	392834	50.906	ug/l	98
48) Methyl methacrylate	9.219	41	134357	55.060	ug/l	99
49) 1,4-Dioxane	9.231	88	33763	1077.889	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	753270	274.243	ug/l	100
52) Toluene	10.170	92	752891	52.688	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	345901	52.975	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	405516	51.836	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	208778	51.042	ug/l	97
56) Ethyl methacrylate	10.438	69	256613	56.940	ug/l	100
57) 1,3-Dichloropropane	10.719	76	333494	51.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	578207	279.594	ug/l	99
59) 2-Hexanone	10.762	43	533991	266.471	ug/l	100
60) Dibromochloromethane	10.914	129	287307	51.121	ug/l	100
61) 1,2-Dibromoethane	11.018	107	198282	51.653	ug/l	99
64) Tetrachloroethene	10.646	164	388154	49.522	ug/l	98
65) Chlorobenzene	11.438	112	827112	50.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	293971	50.712	ug/l	100
67) Ethyl Benzene	11.517	91	1398716	52.717	ug/l	99
68) m/p-Xylenes	11.627	106	1115228	105.203	ug/l	99
69) o-Xylene	11.950	106	520377	53.104	ug/l	98
70) Styrene	11.969	104	863970	53.437	ug/l	99
71) Bromoform	12.133	173	175729	51.904	ug/l	100
73) Isopropylbenzene	12.255	105	1350497	51.408	ug/l	100
74) N-amyl acetate	12.072	43	241243	54.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	209787	50.001	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	282011	88.715	ug/l #	100
77) Bromobenzene	12.529	156	336896	49.440	ug/l	98
78) n-propylbenzene	12.597	91	1588255	51.399	ug/l	100
79) 2-Chlorotoluene	12.676	91	893483	49.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1101534	51.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69733	49.575	ug/l	100
82) 4-Chlorotoluene	12.773	91	922330	49.876	ug/l	99
83) tert-Butylbenzene	12.999	119	998874	51.383	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1086742	51.405	ug/l	100
85) sec-Butylbenzene	13.176	105	1436046	51.216	ug/l	100
86) p-Isopropyltoluene	13.292	119	1210199	50.985	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	645751	48.147	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	630313	47.843	ug/l	99
89) n-Butylbenzene	13.615	91	1055069	51.117	ug/l	99
90) Hexachloroethane	13.877	117	244422	47.918	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	563766	48.776	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32309	50.013	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	324865	49.139	ug/l	100
94) Hexachlorobutadiene	15.023	225	203316	46.937	ug/l	99
95) Naphthalene	15.145	128	526266	46.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	280203	50.728	ug/l	100

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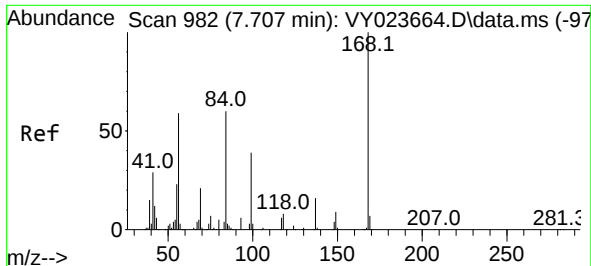
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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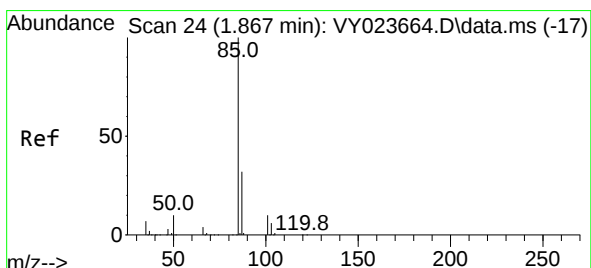
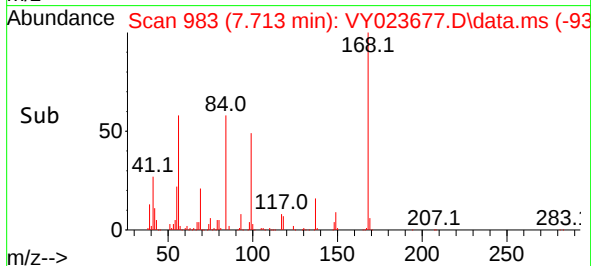
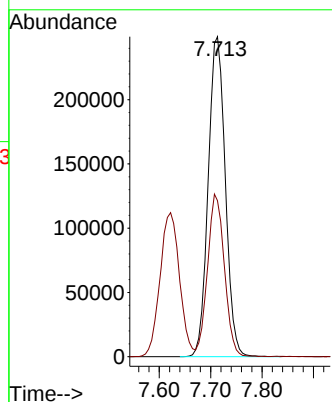
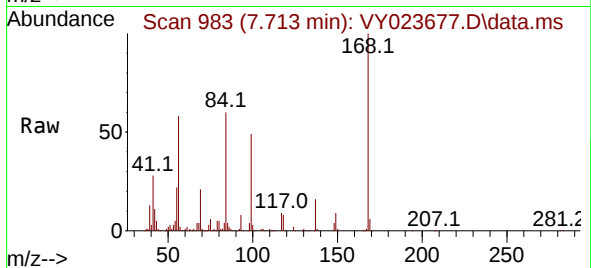




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023677.D
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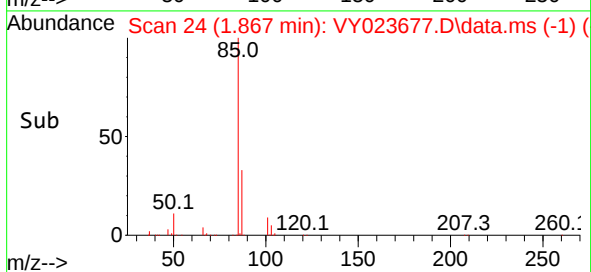
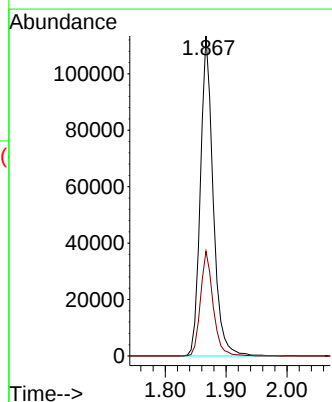
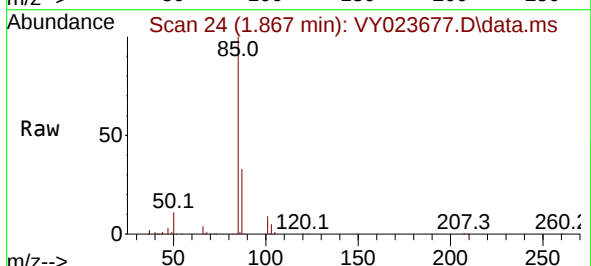
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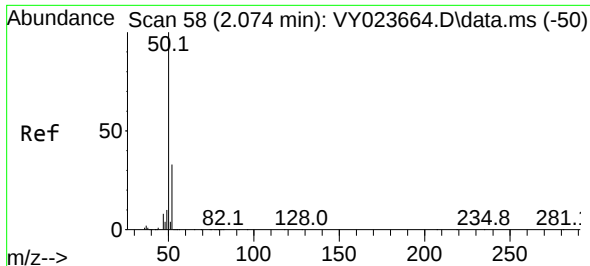
Tgt Ion:168 Resp: 574983
Ion Ratio Lower Upper
168 100
99 48.6 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 43.861 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 85 Resp: 165545
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6

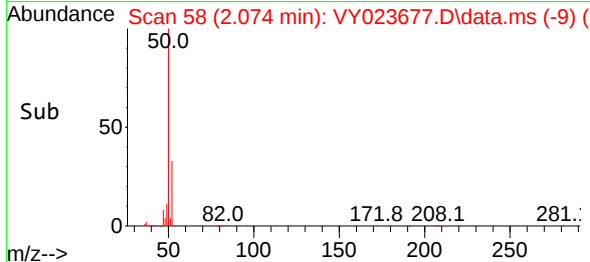
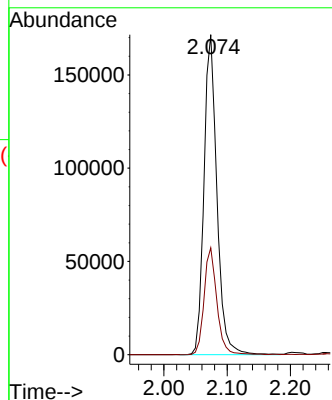
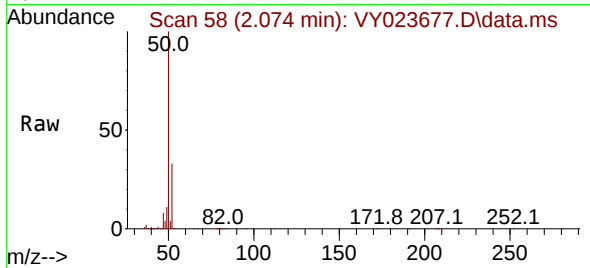




#3
Chloromethane
Concen: 46.312 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

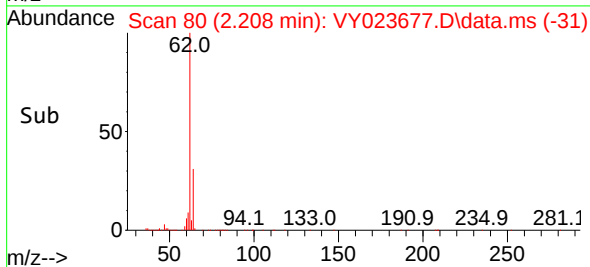
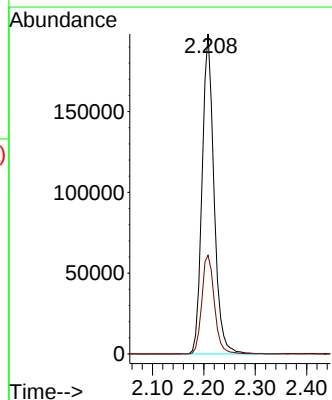
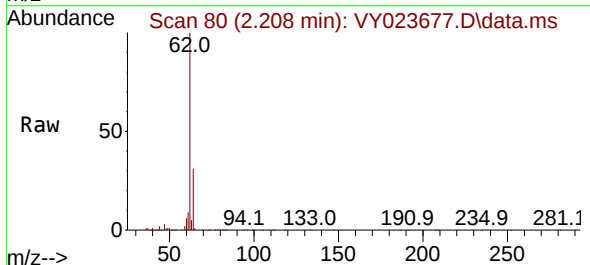
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ClientSampleId :
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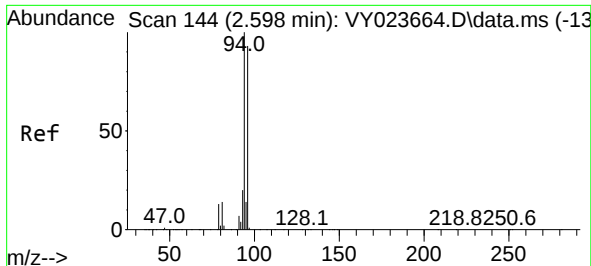
Tgt Ion: 50 Resp: 244605
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 46.426 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023677.D
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Tgt Ion: 62 Resp: 319076
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

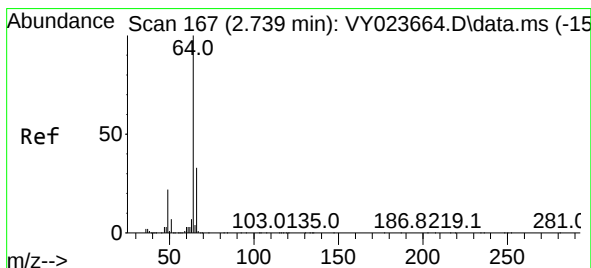
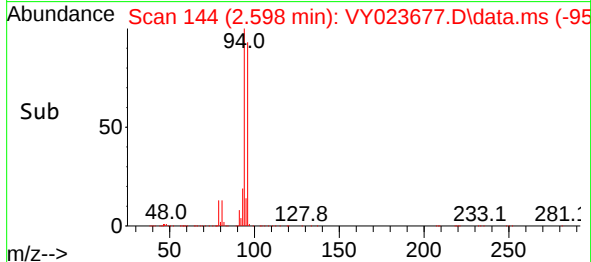
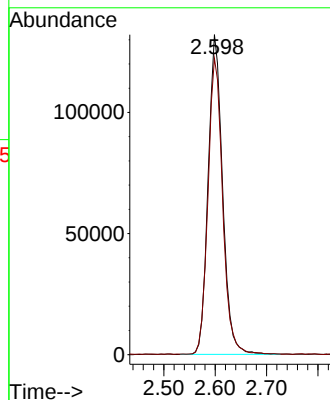
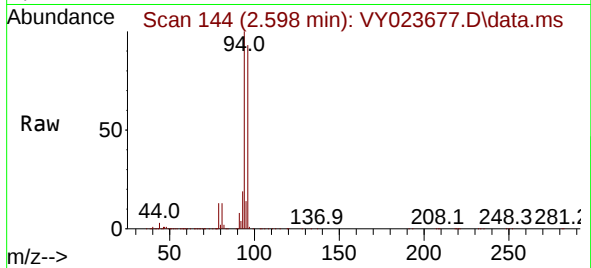




#5
Bromomethane
Concen: 44.600 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

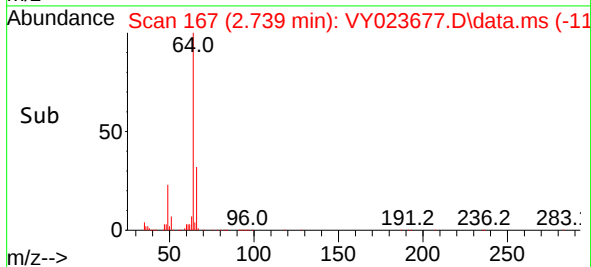
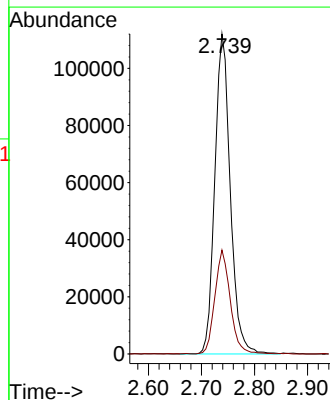
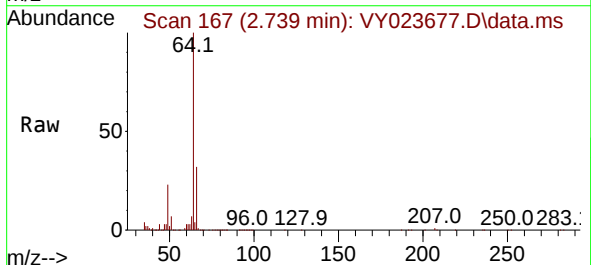
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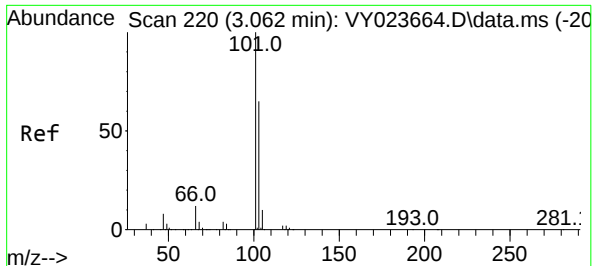
Tgt Ion: 94 Resp: 257842
Ion Ratio Lower Upper
94 100
96 92.5 74.4 111.6



#6
Chloroethane
Concen: 47.880 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 64 Resp: 227436
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

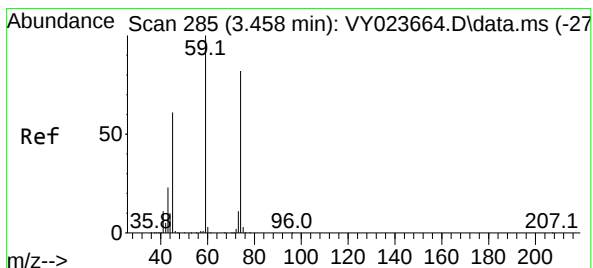
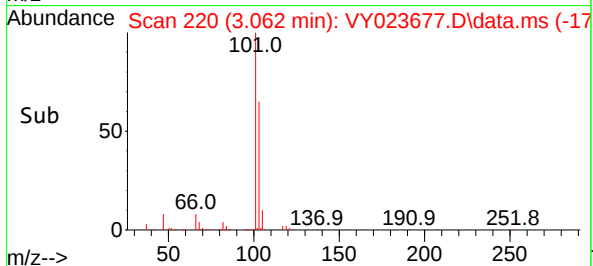
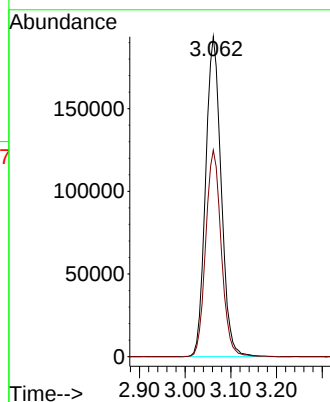
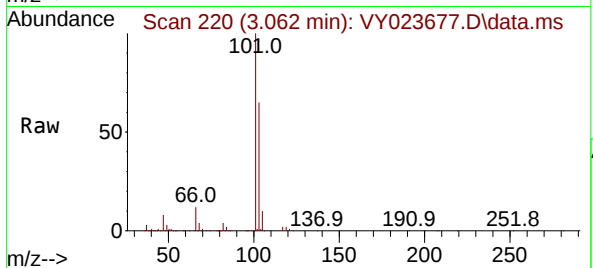




#7
Trichlorofluoromethane
Concen: 47.206 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023677.D
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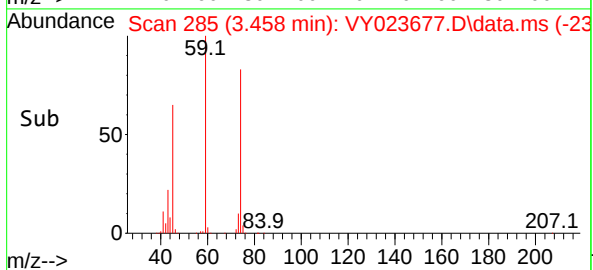
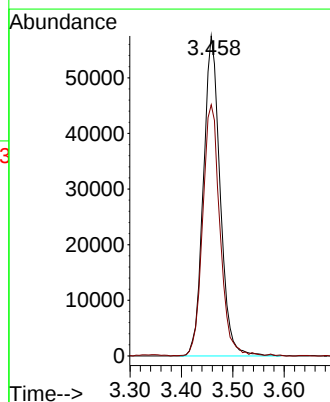
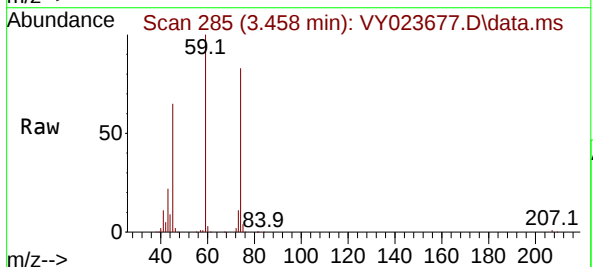
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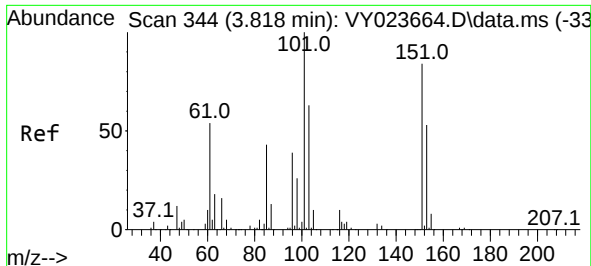
Tgt Ion:101 Resp: 456931
Ion Ratio Lower Upper
101 100
103 64.6 52.1 78.1



#8
Diethyl Ether
Concen: 50.170 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 74 Resp: 130227
Ion Ratio Lower Upper
74 100
45 81.0 40.6 121.7

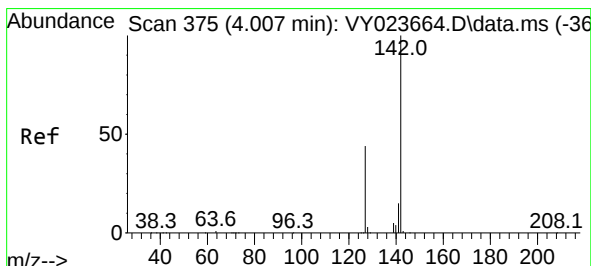
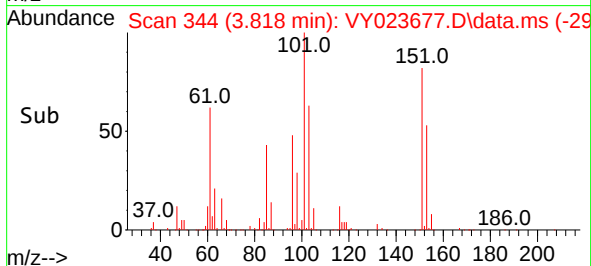
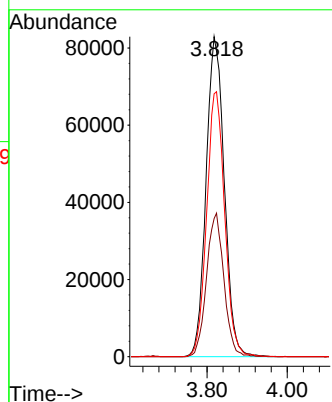
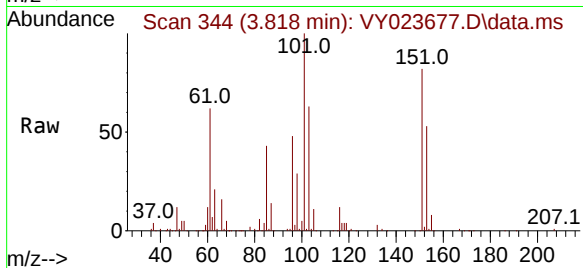




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.068 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
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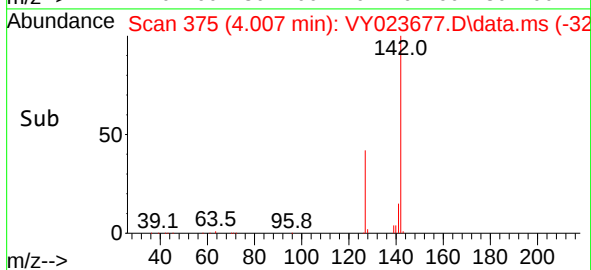
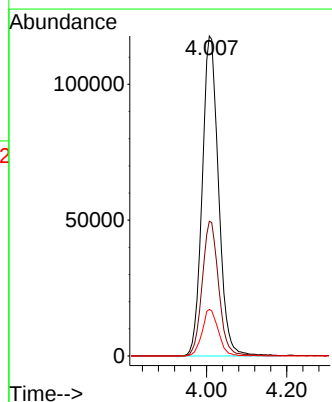
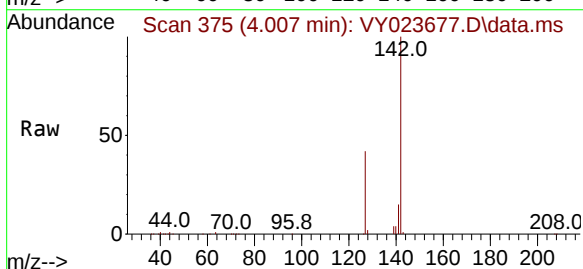
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

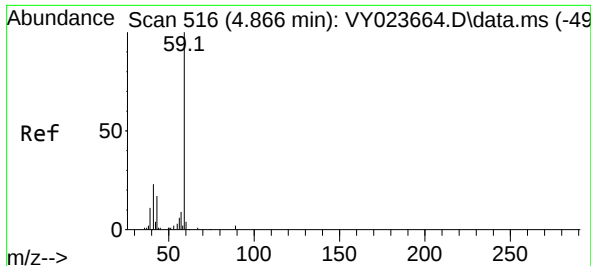
Tgt Ion:101 Resp: 261678
Ion Ratio Lower Upper
101 100
85 42.9 34.4 51.6
151 82.0 65.6 98.4



#10
Methyl Iodide
Concen: 52.929 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:142 Resp: 333320
Ion Ratio Lower Upper
142 100
127 42.3 34.6 51.8
141 14.4 11.6 17.4

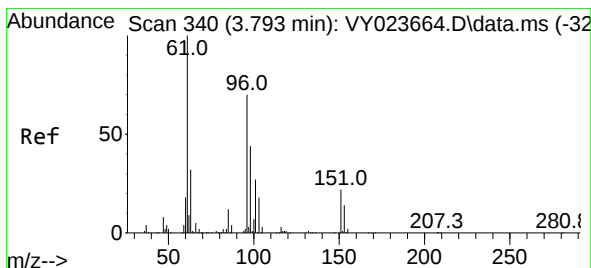
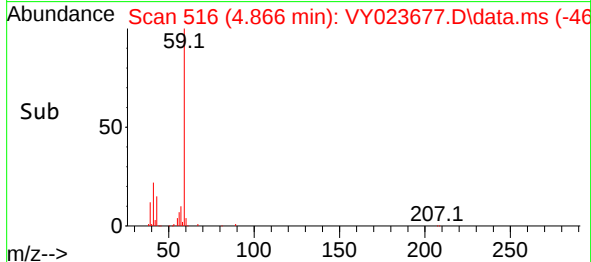
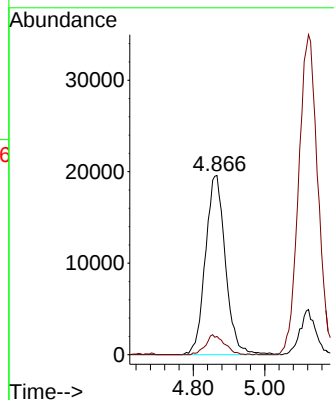
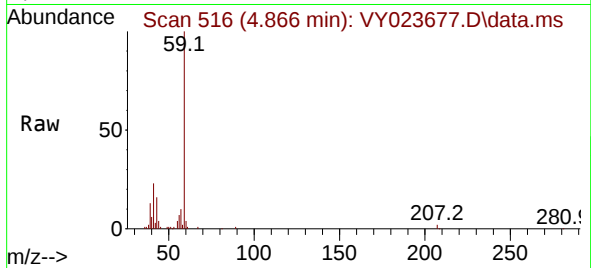




#11
Tert butyl alcohol
Concen: 240.495 ug/l
RT: 4.866 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

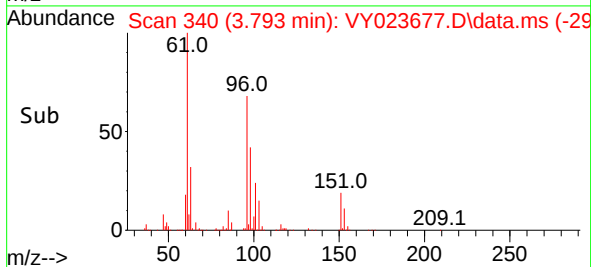
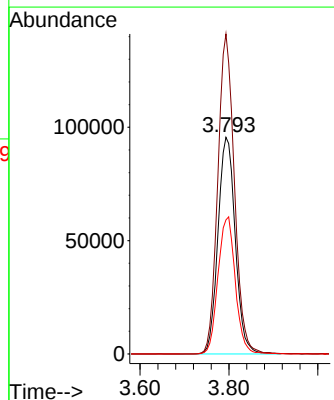
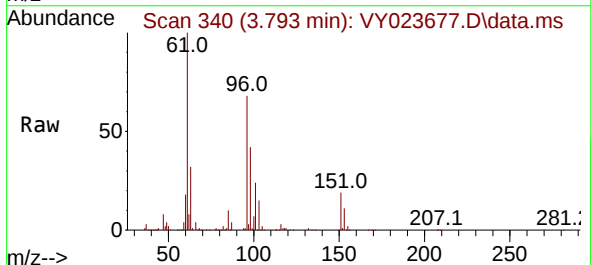
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

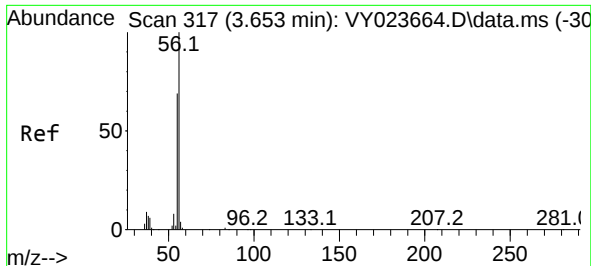
Tgt Ion: 59 Resp: 76058
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2



#12
1,1-Dichloroethene
Concen: 50.152 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 96 Resp: 257642
Ion Ratio Lower Upper
96 100
61 147.7 114.0 171.0
98 61.9 50.2 75.2

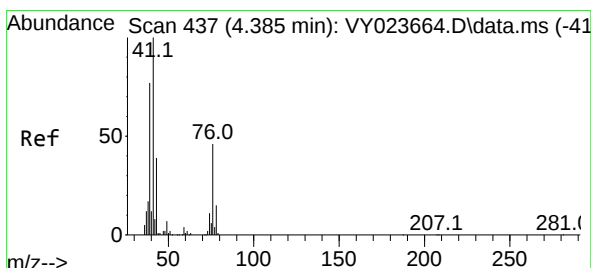
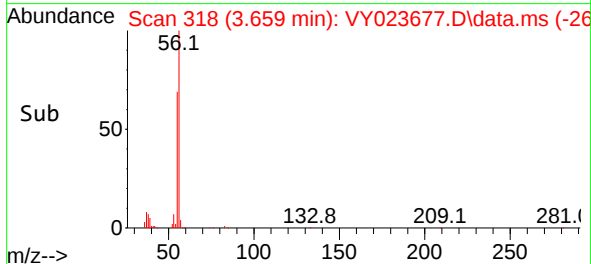
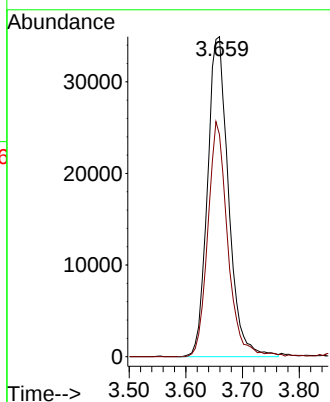
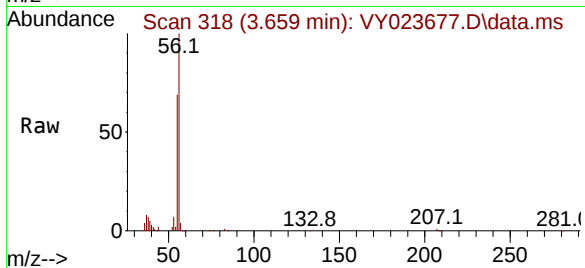




#13
Acrolein
Concen: 220.953 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

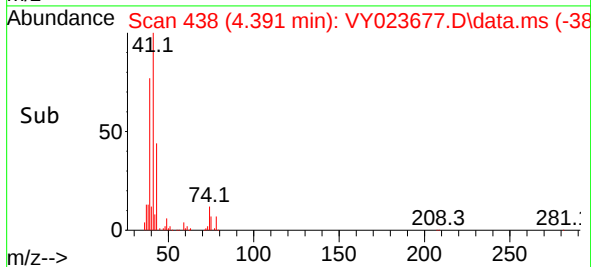
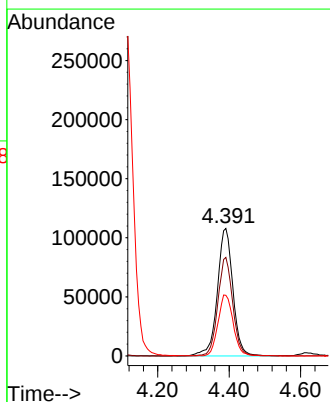
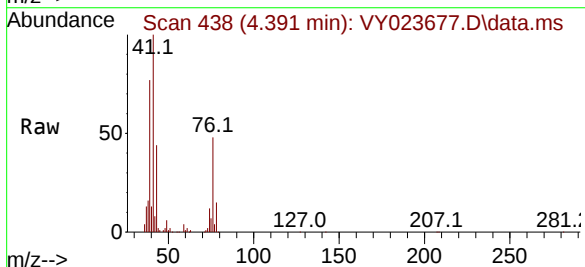
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

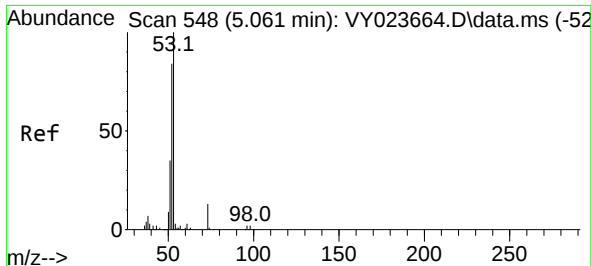
Tgt Ion: 56 Resp: 89815
Ion Ratio Lower Upper
56 100
55 69.5 56.6 84.8



#14
Allyl chloride
Concen: 52.161 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 41 Resp: 326165
Ion Ratio Lower Upper
41 100
39 74.2 60.4 90.6
76 46.3 38.0 57.0

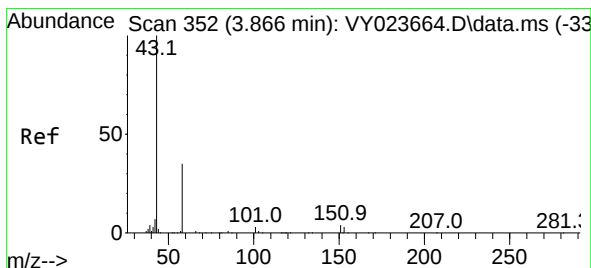
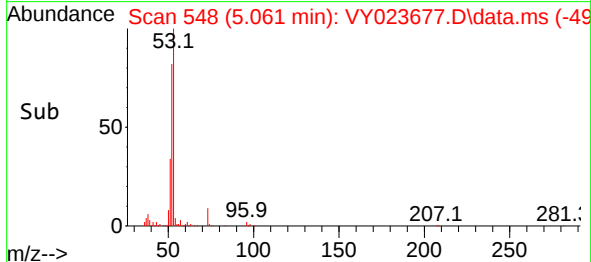
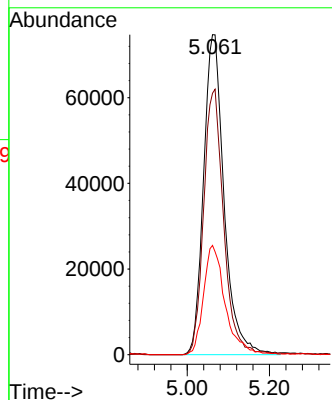
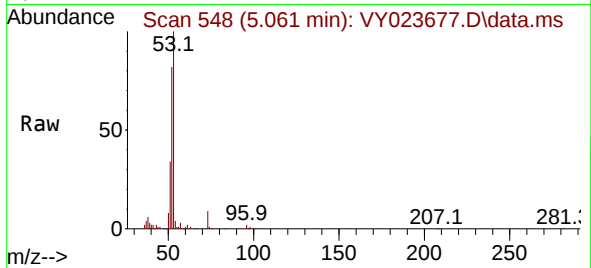




#15
Acrylonitrile
Concen: 261.197 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

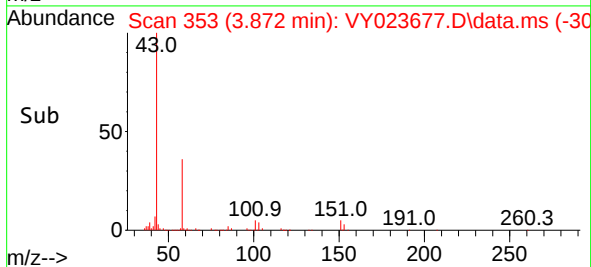
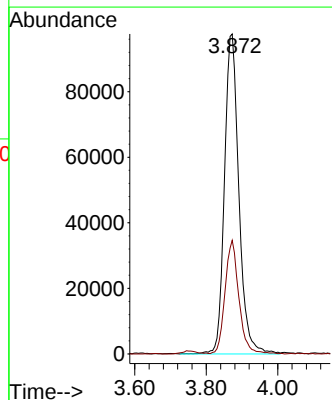
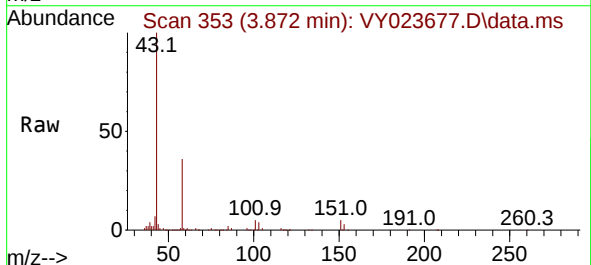
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

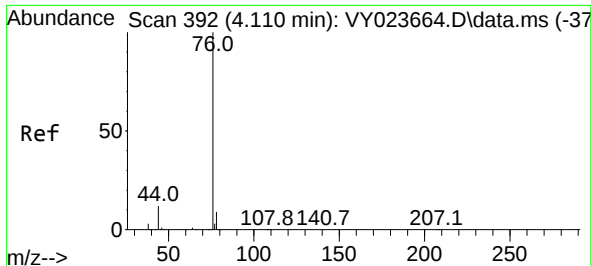
Tgt Ion: 53 Resp: 259099
Ion Ratio Lower Upper
53 100
52 80.8 64.9 97.3
51 36.1 29.4 44.0



#16
Acetone
Concen: 224.060 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 43 Resp: 273164
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4

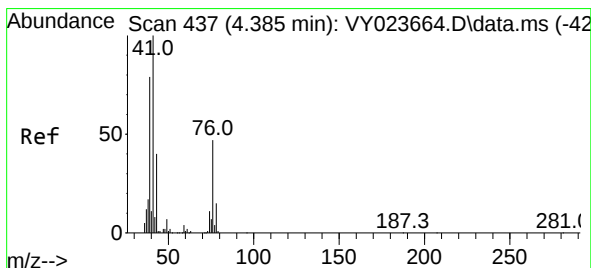
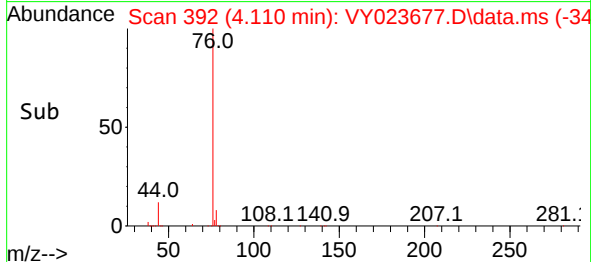
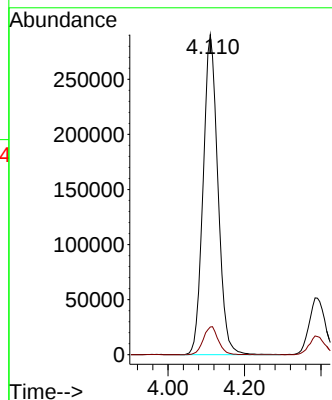
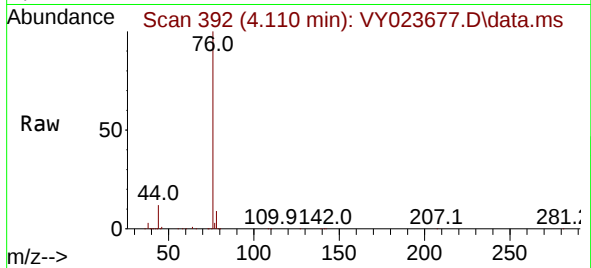




#17
Carbon Disulfide
Concen: 49.351 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

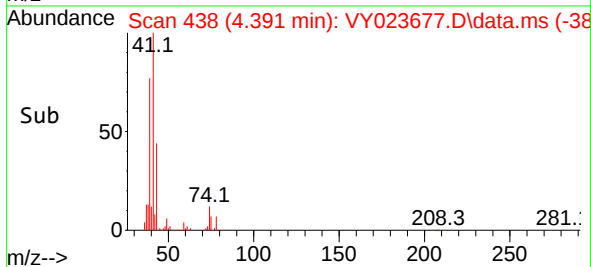
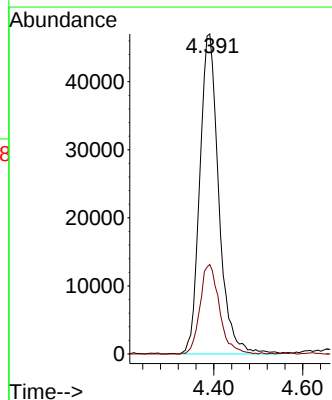
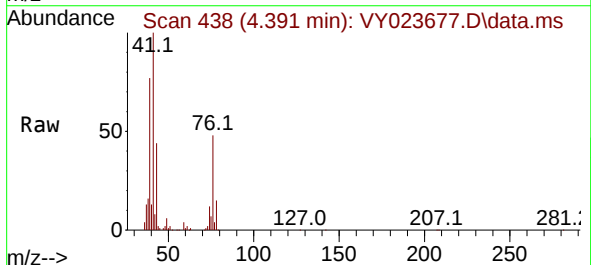
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 778144
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 51.978 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 43 Resp: 139773
Ion Ratio Lower Upper
43 100
74 28.6 22.5 33.7

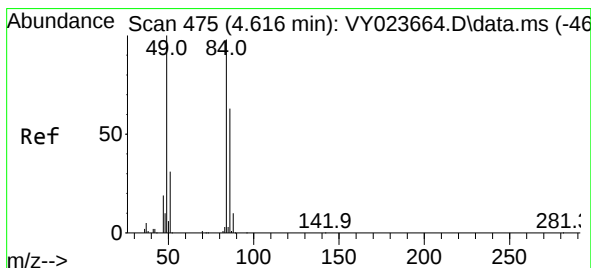
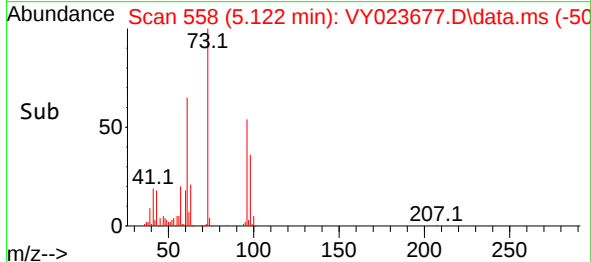
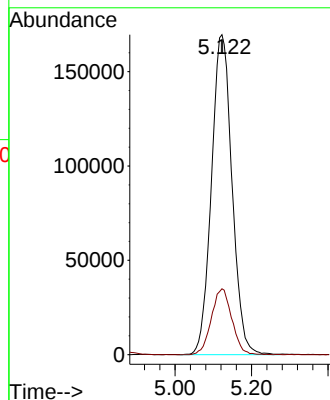
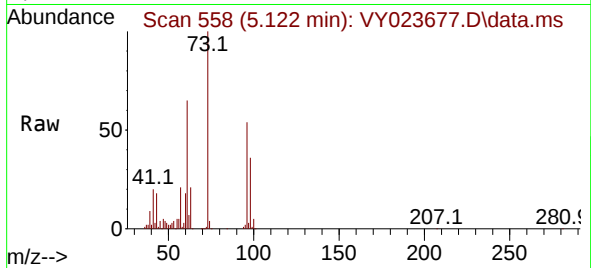




#19
Methyl tert-butyl Ether
Concen: 53.215 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

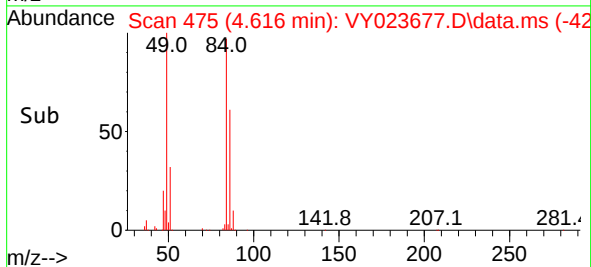
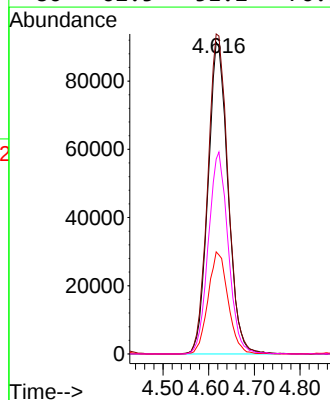
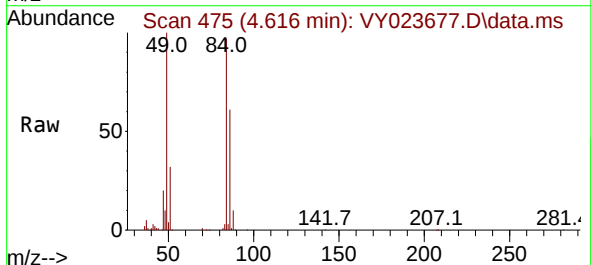
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

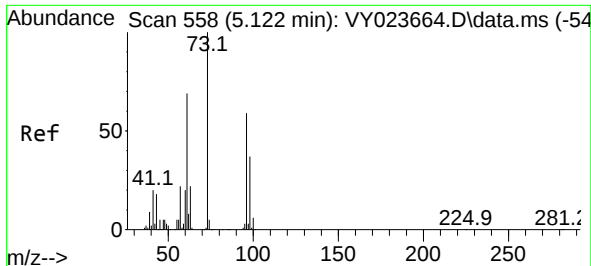
Tgt Ion: 73 Resp: 633910
Ion Ratio Lower Upper
73 100
57 20.6 16.1 24.1



#20
Methylene Chloride
Concen: 46.942 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 84 Resp: 276273
Ion Ratio Lower Upper
84 100
49 102.7 81.5 122.3
51 32.8 25.5 38.3
86 62.5 51.2 76.8

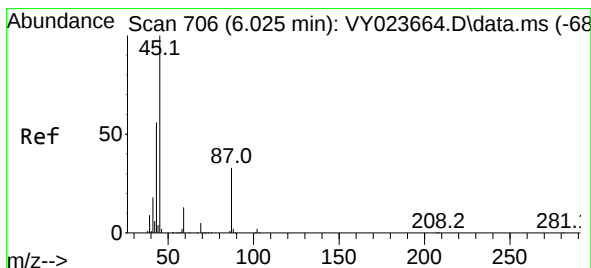
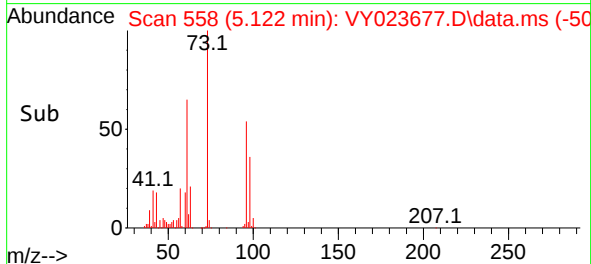
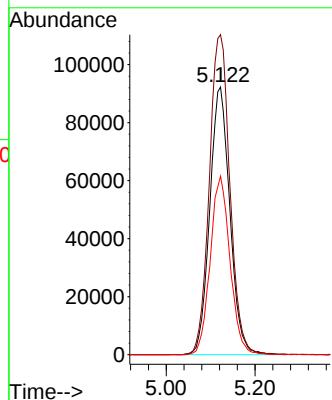
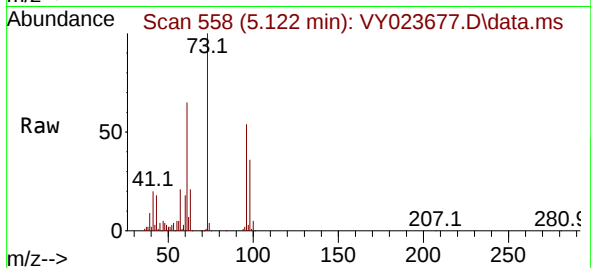




#21
trans-1,2-Dichloroethene
Concen: 50.133 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

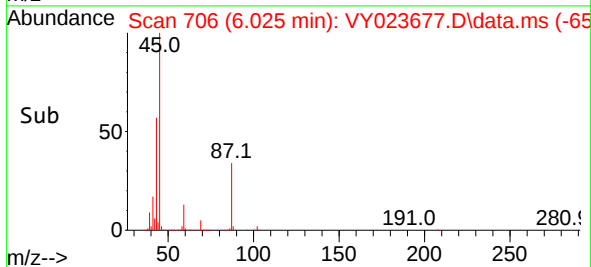
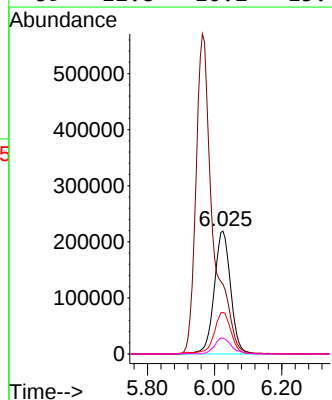
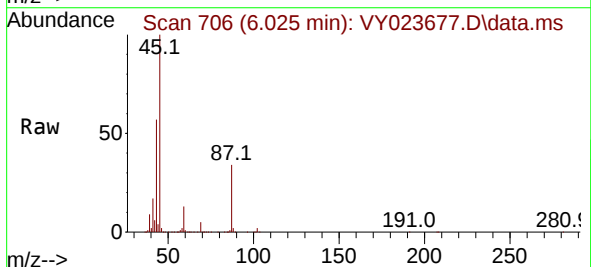
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

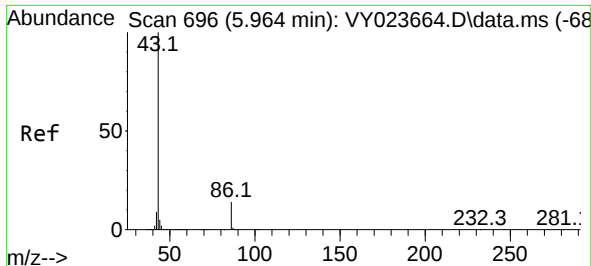
Tgt Ion: 96 Resp: 290388
Ion Ratio Lower Upper
96 100
61 119.5 93.3 139.9
98 66.7 50.6 75.8



#22
Diisopropyl ether
Concen: 53.227 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 45 Resp: 741628
Ion Ratio Lower Upper
45 100
43 56.5 44.7 67.1
87 33.8 27.2 40.8
59 12.8 10.2 15.4

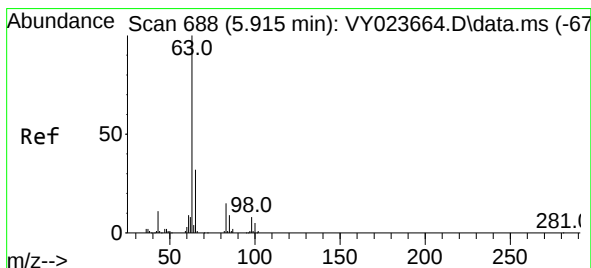
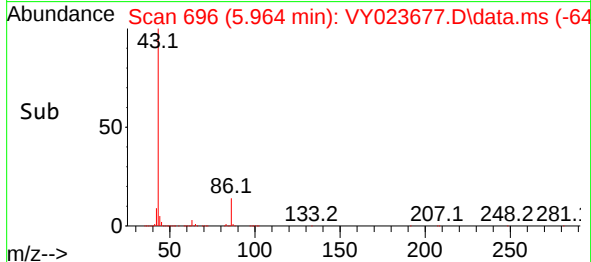
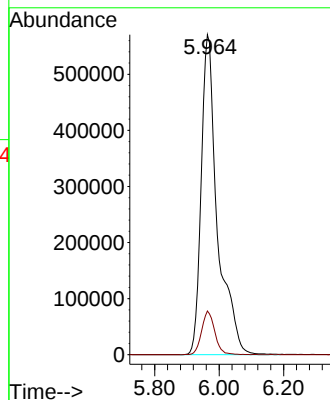
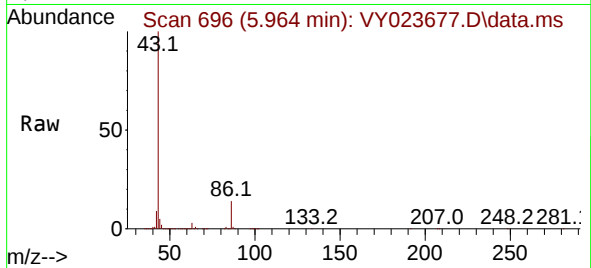




#23
 Vinyl Acetate
 Concen: 267.995 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023677.D
 Acq: 04 Nov 2025 16:26

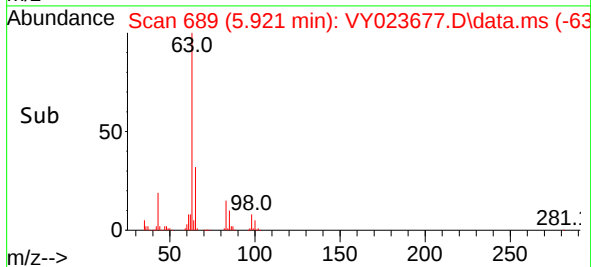
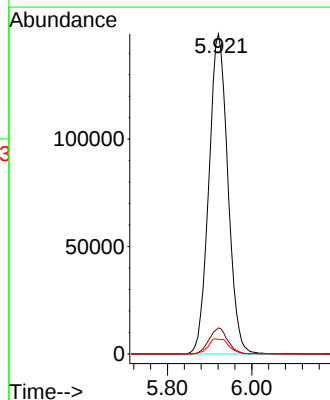
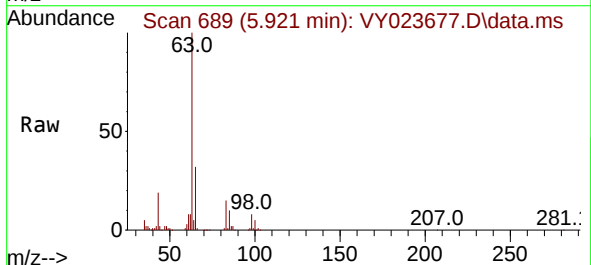
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

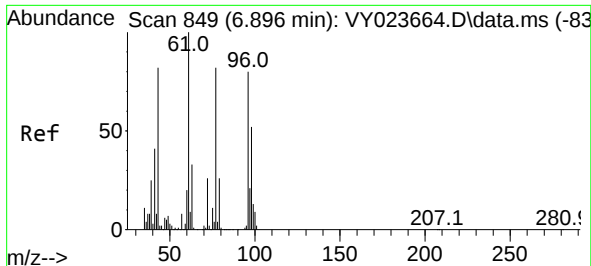
Tgt Ion: 43 Resp: 1992642
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 50.204 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023677.D
 Acq: 04 Nov 2025 16:26

Tgt Ion: 63 Resp: 465997
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 4.6 2.6 7.8





#25

2-Butanone

Concen: 244.267 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

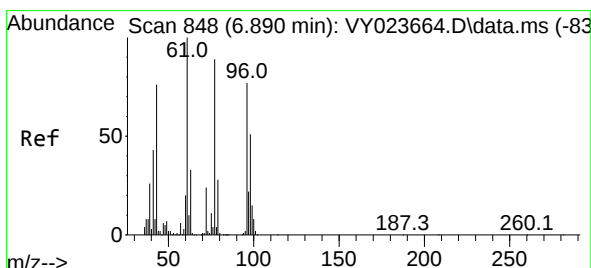
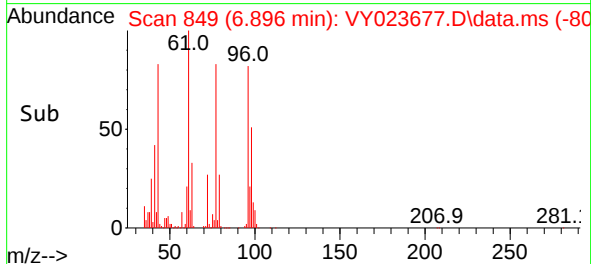
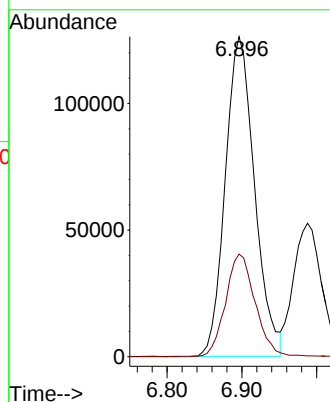
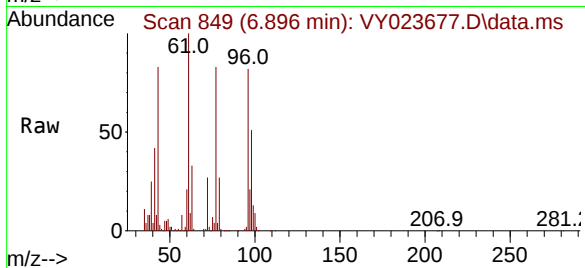
VSTDCCC050EC

Tgt Ion: 43 Resp: 344310

Ion Ratio Lower Upper

43 100

72 32.1 25.7 38.5



#26

2,2-Dichloropropane

Concen: 48.460 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023677.D

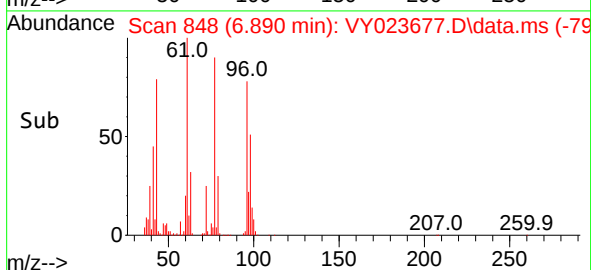
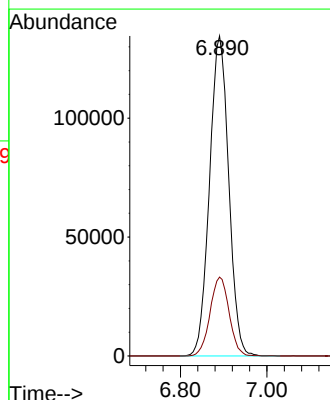
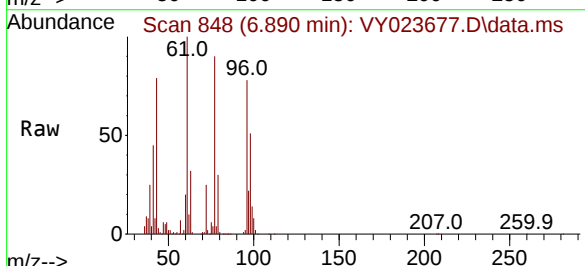
Acq: 04 Nov 2025 16:26

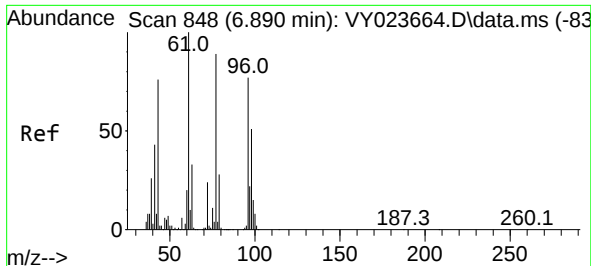
Tgt Ion: 77 Resp: 413764

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.709 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

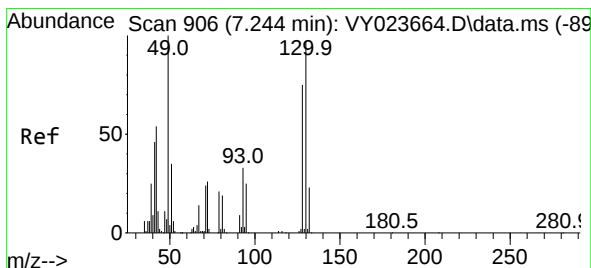
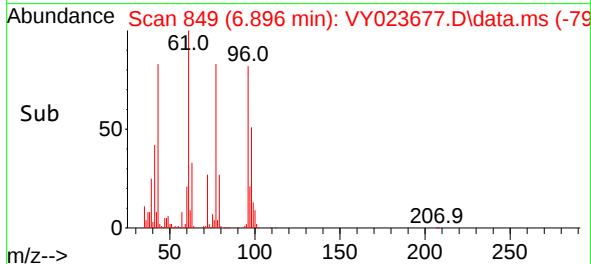
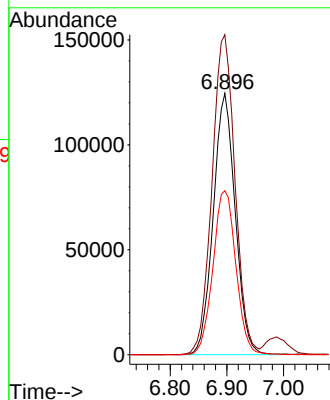
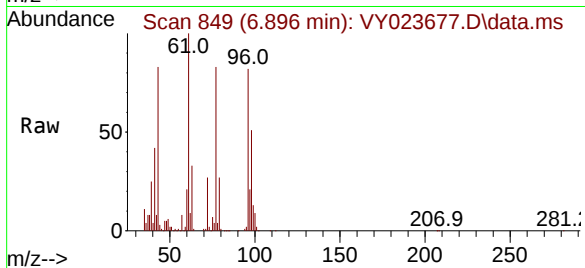
Tgt Ion: 96 Resp: 335462

Ion Ratio Lower Upper

96 100

61 127.9 0.0 255.0

98 65.5 0.0 129.8



#28

Bromochloromethane

Concen: 49.982 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

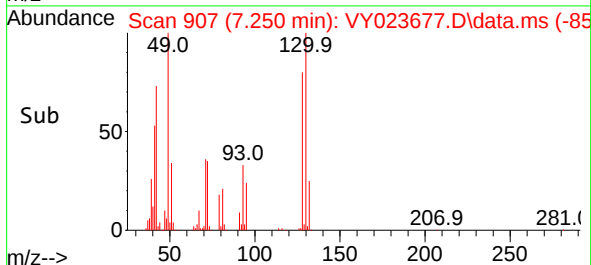
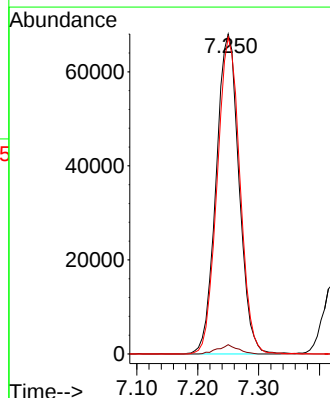
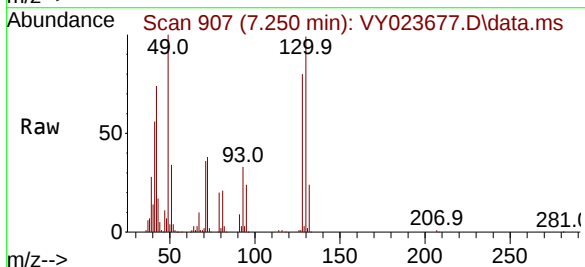
Tgt Ion: 49 Resp: 177640

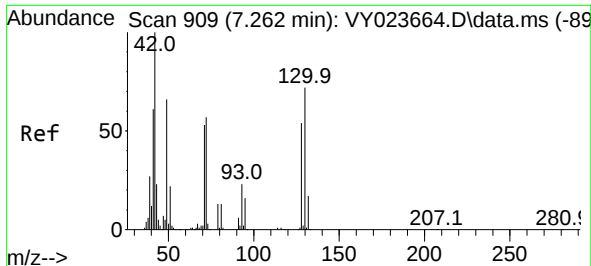
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 98.2 80.1 120.1





#29

Tetrahydrofuran

Concen: 272.804 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

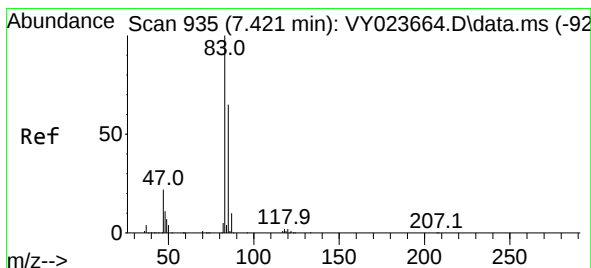
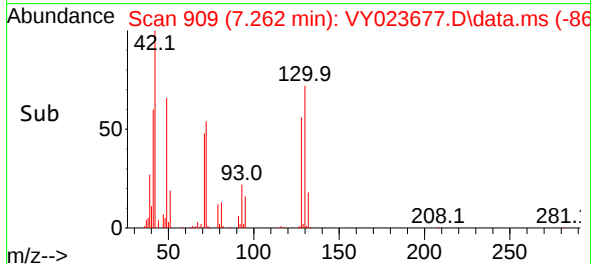
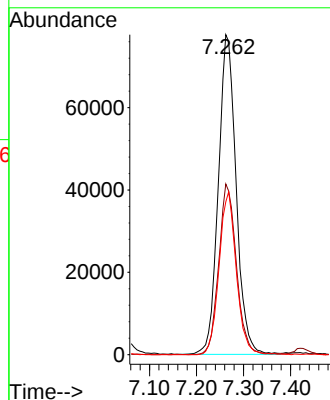
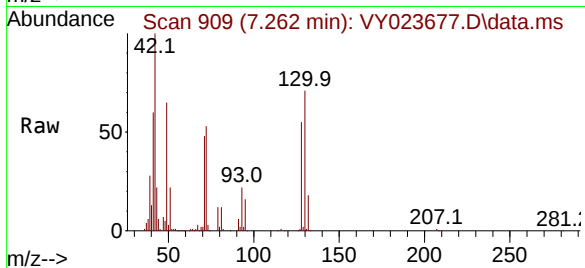
Tgt Ion: 42 Resp: 204791

Ion Ratio Lower Upper

42 100

72 53.1 43.4 65.2

71 49.2 40.7 61.1



#30

Chloroform

Concen: 50.267 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023677.D

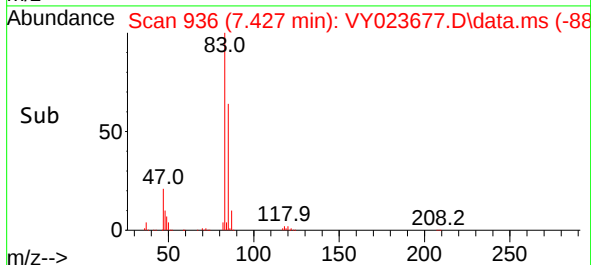
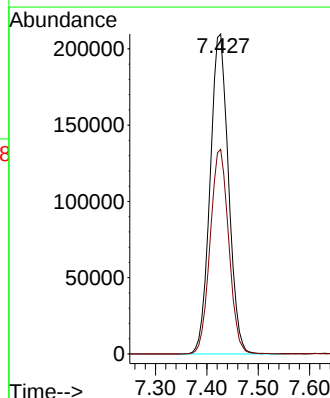
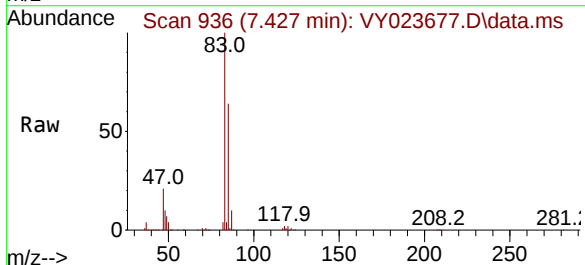
Acq: 04 Nov 2025 16:26

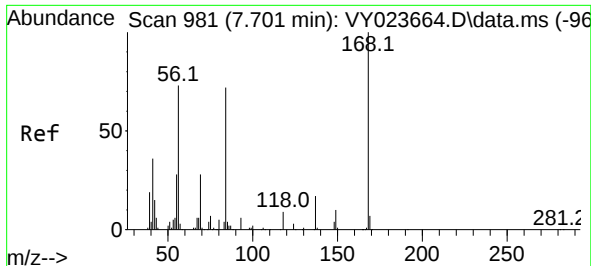
Tgt Ion: 83 Resp: 520588

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1

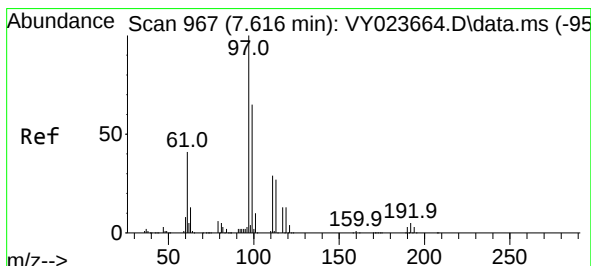
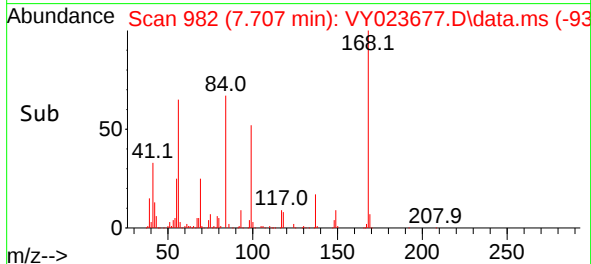
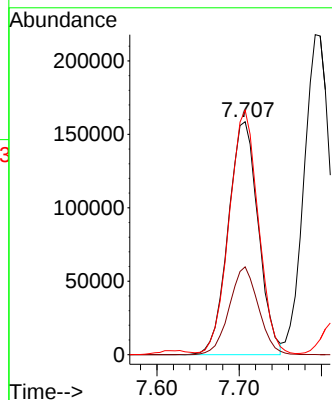
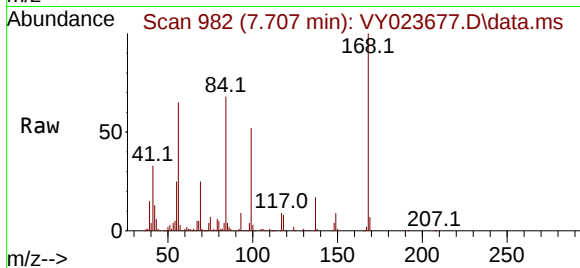




#31
Cyclohexane
Concen: 49.822 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

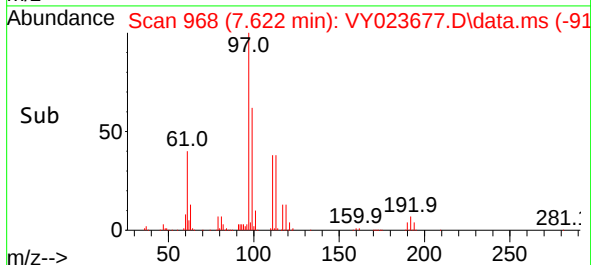
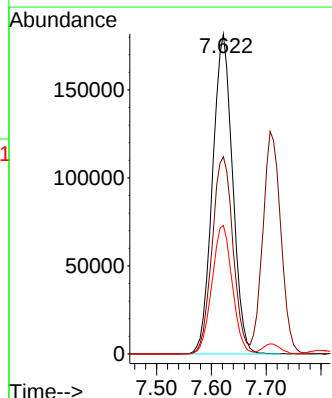
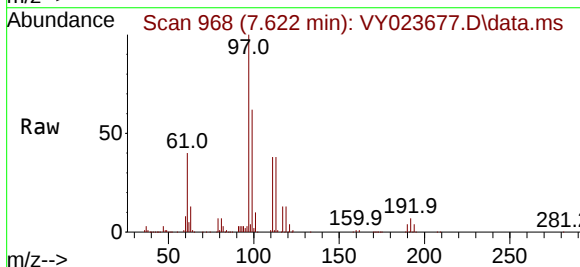
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

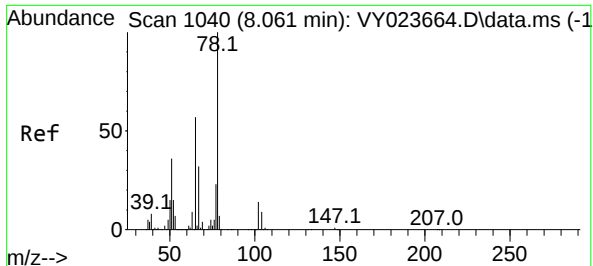
Tgt Ion: 56 Resp: 402733
Ion Ratio Lower Upper
56 100
69 37.7 30.5 45.7
84 103.1 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.855 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 97 Resp: 461465
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.7 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 48.766 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

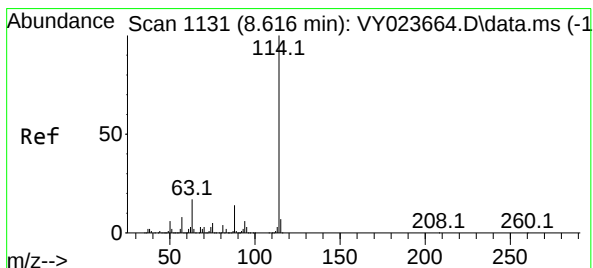
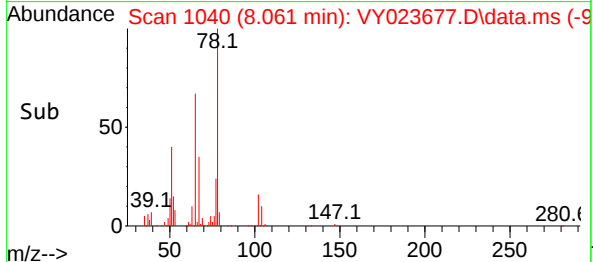
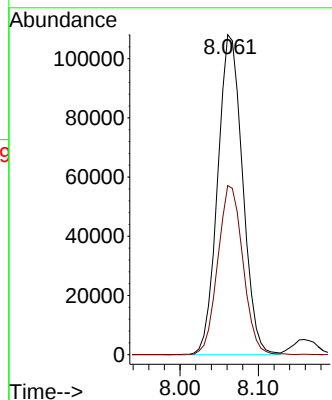
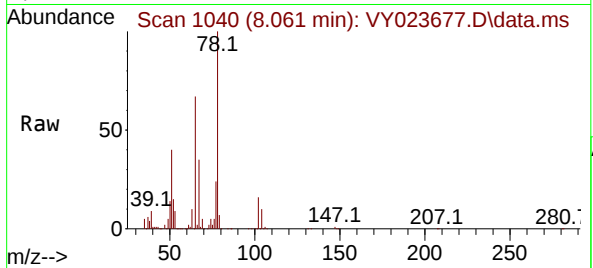
VSTDCCC050EC

Tgt Ion: 65 Resp: 239180

Ion Ratio Lower Upper

65 100

67 53.4 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: VY023677.D

Acq: 04 Nov 2025 16:26

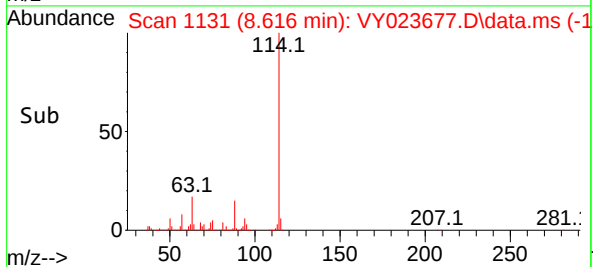
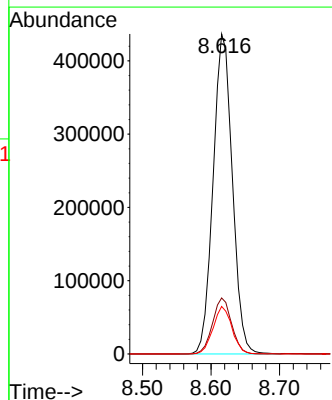
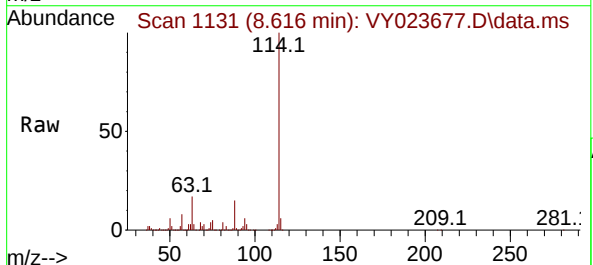
Tgt Ion: 114 Resp: 850327

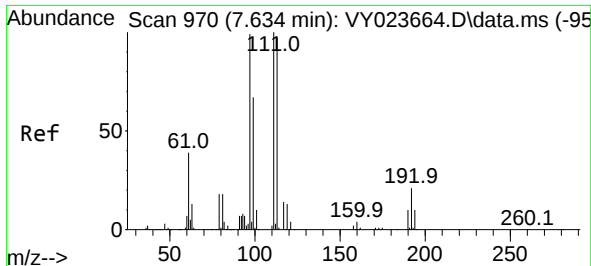
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.8 0.0 29.0

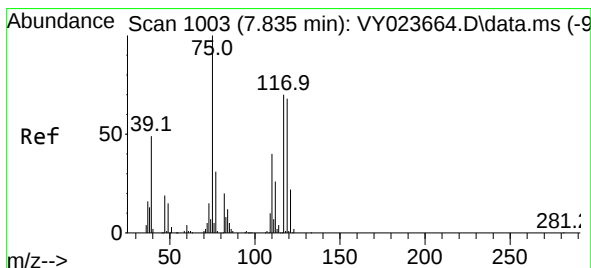
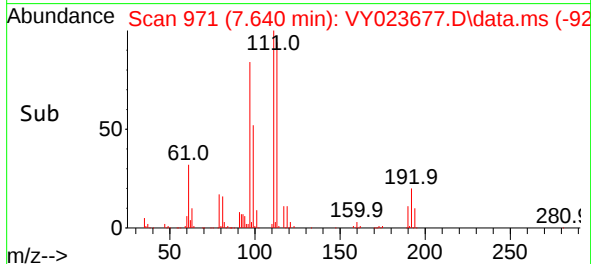
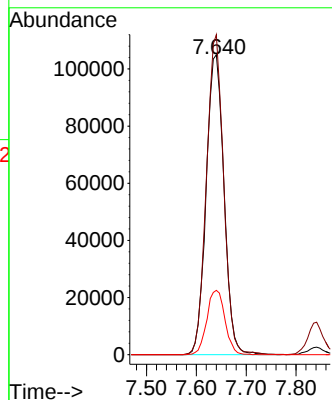
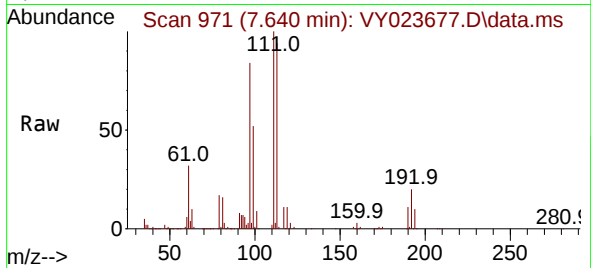




#35
Dibromofluoromethane
Concen: 49.064 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

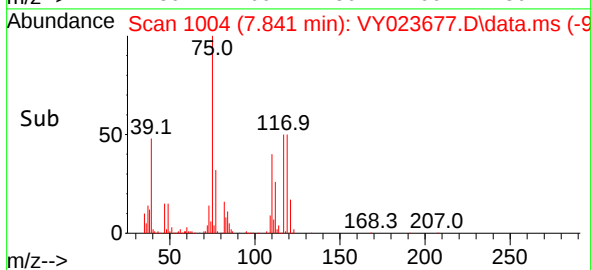
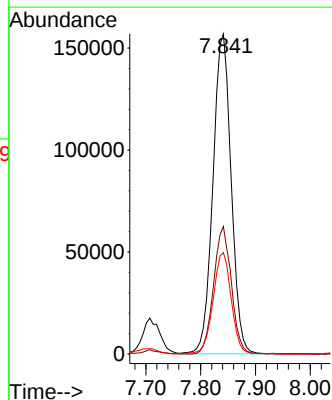
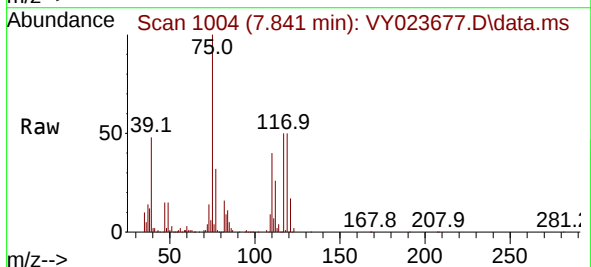
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 260725
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.8 17.3 25.9



#36
1,1-Dichloropropene
Concen: 50.939 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 75 Resp: 361711
Ion Ratio Lower Upper
75 100
110 38.7 19.7 59.0
77 31.7 25.2 37.8





#37

Ethyl Acetate

Concen: 51.824 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

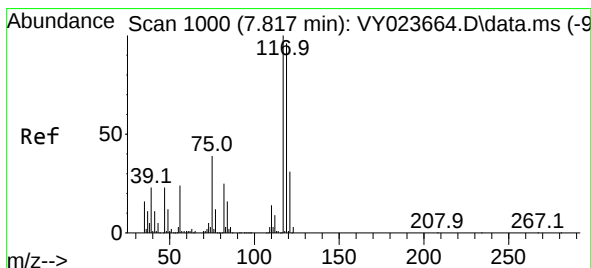
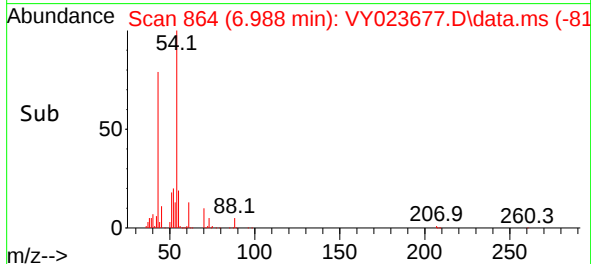
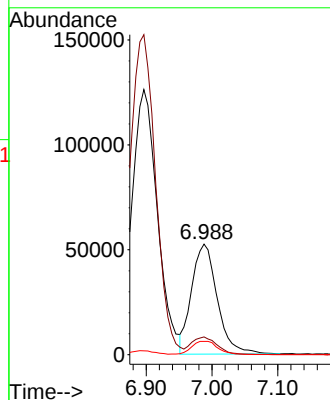
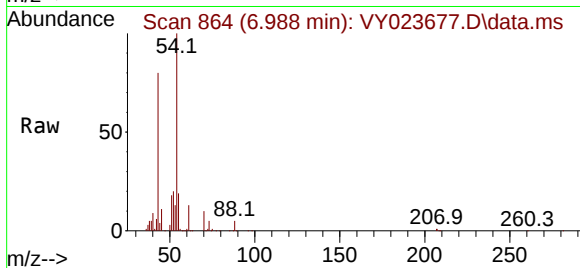
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 142458

Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.4	18.6
70	12.5	9.8	14.8



#38

Carbon Tetrachloride

Concen: 50.148 ug/l

RT: 7.823 min Scan# 1001

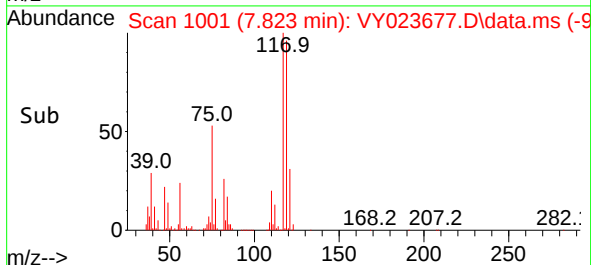
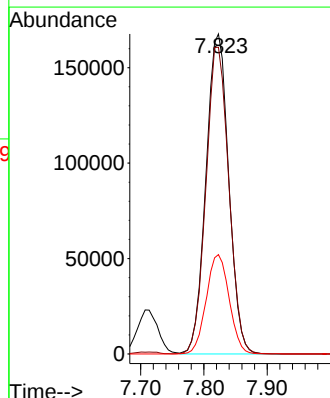
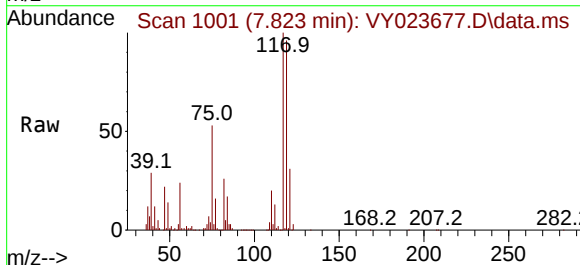
Delta R.T. 0.006 min

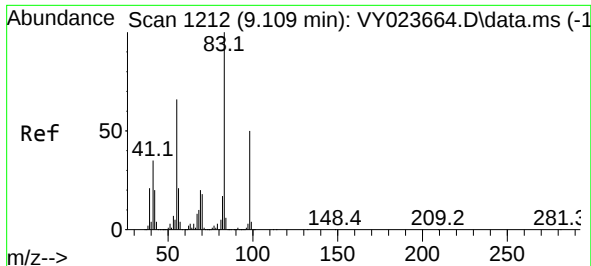
Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Tgt Ion: 117 Resp: 419558

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	31.0	24.8	37.2





#39

Methylcyclohexane

Concen: 53.160 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

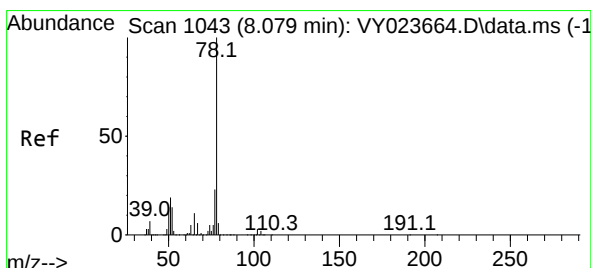
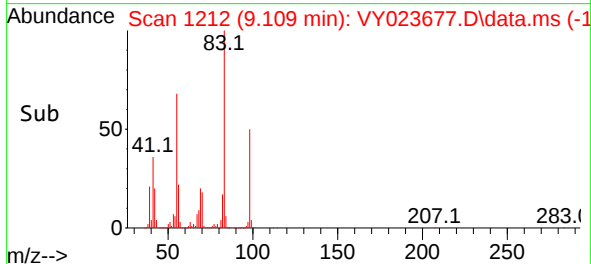
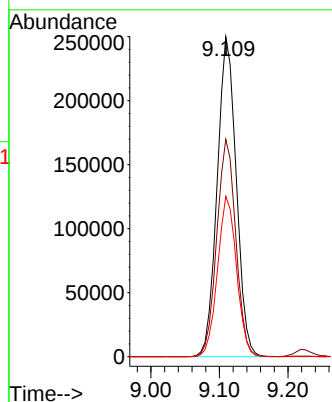
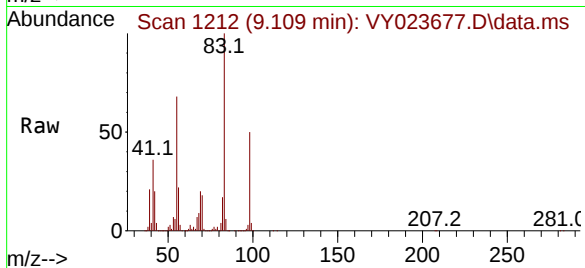
Tgt Ion: 83 Resp: 482326

Ion Ratio Lower Upper

83 100

55 67.9 52.6 78.8

98 50.1 39.7 59.5



#40

Benzene

Concen: 50.978 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023677.D

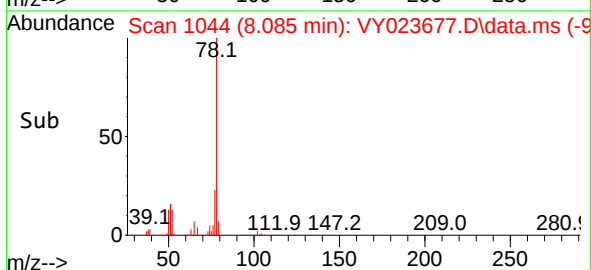
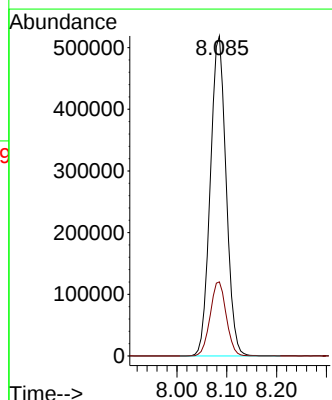
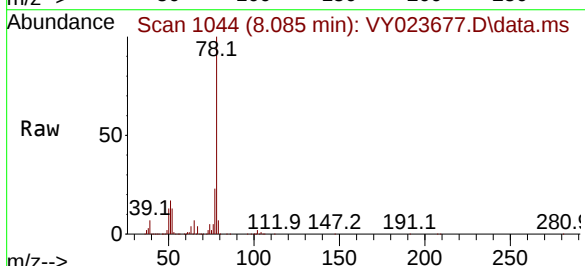
Acq: 04 Nov 2025 16:26

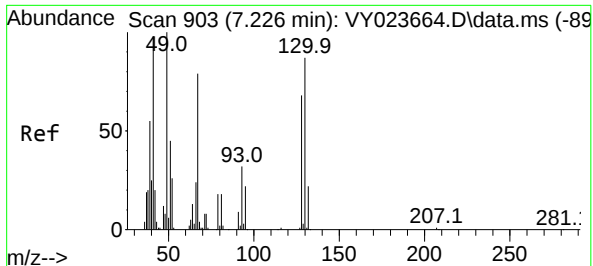
Tgt Ion: 78 Resp: 1141024

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2



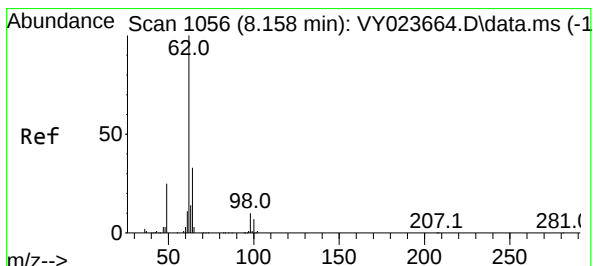
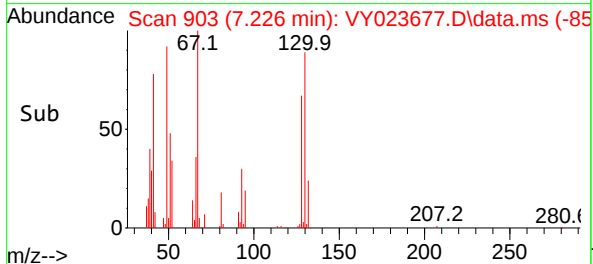
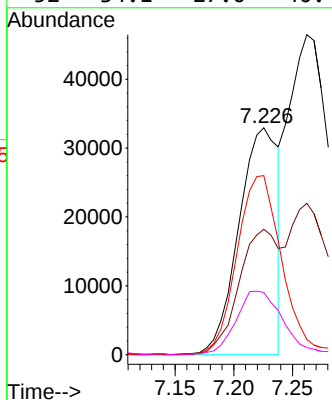
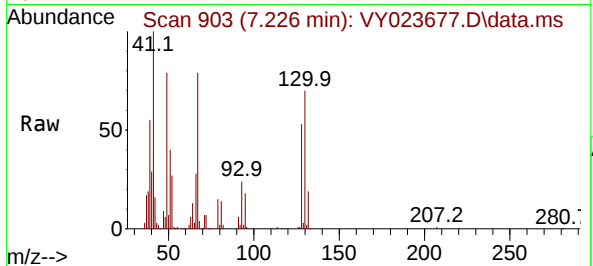


#41
Methacrylonitrile
Concen: 51.118 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 76701

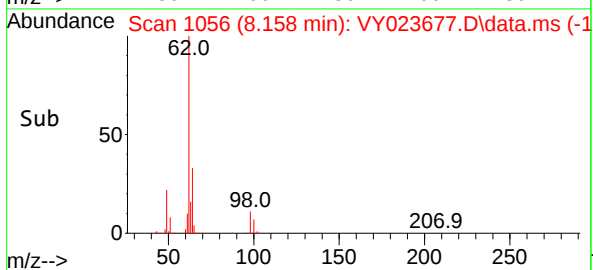
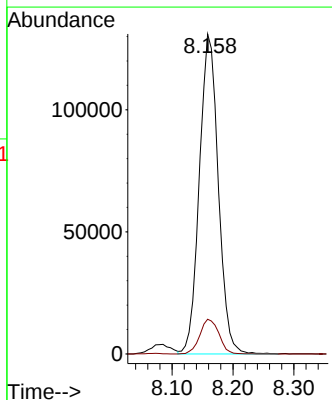
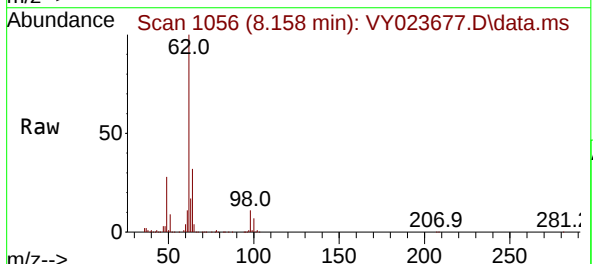
Ion	Ratio	Lower	Upper
41	100		
39	54.6	38.6	57.8
67	90.6	71.3	106.9
52	34.1	27.0	40.4

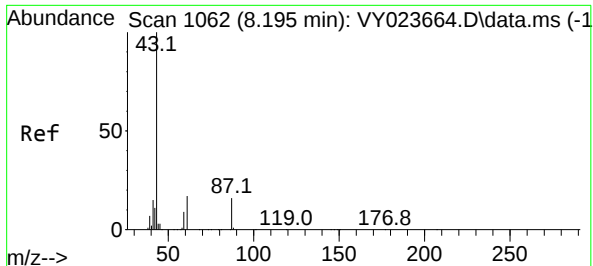


#42
1,2-Dichloroethane
Concen: 49.966 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 62 Resp: 282941

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.0

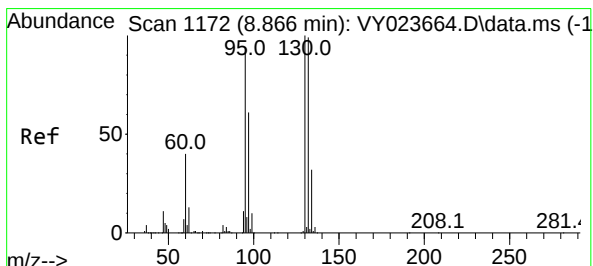
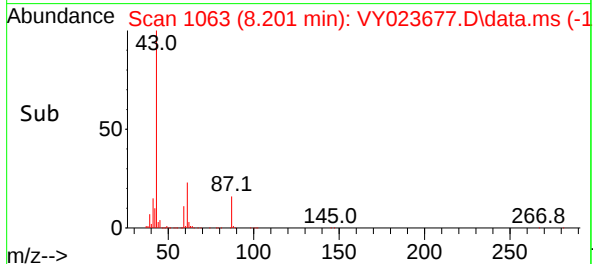
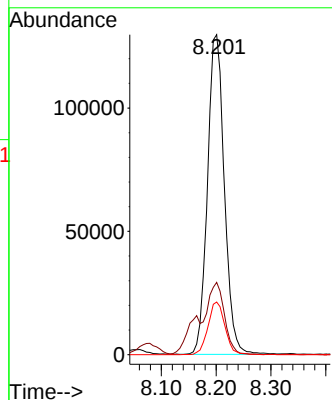
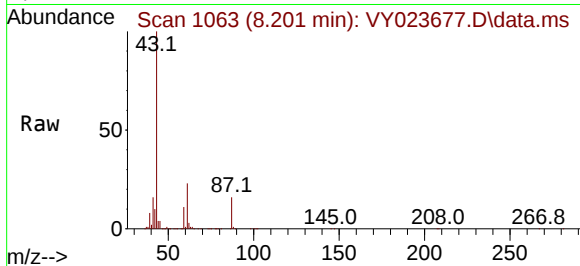




#43
Isopropyl Acetate
Concen: 53.585 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

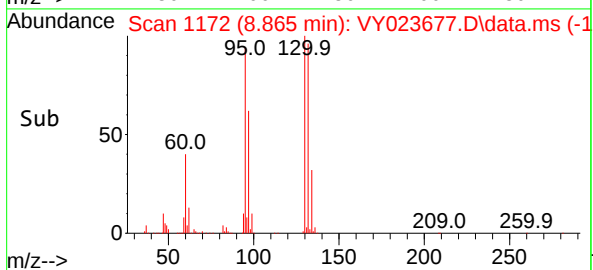
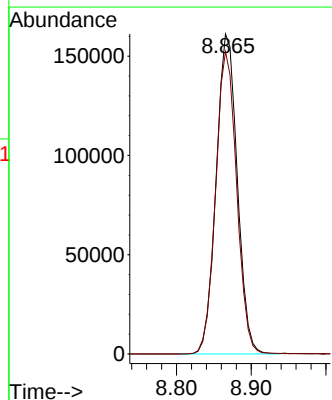
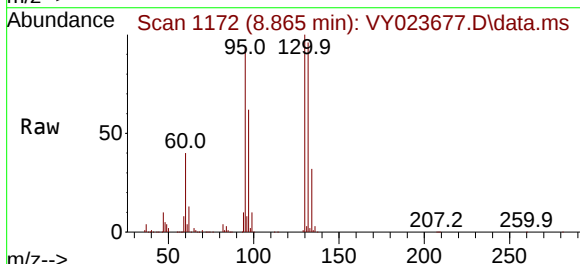
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

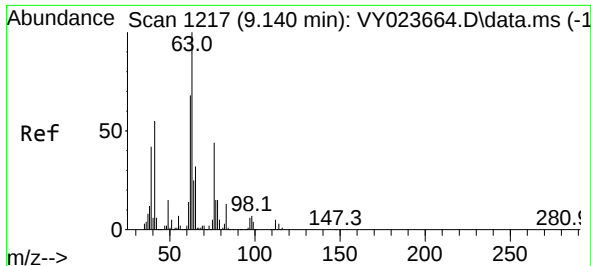
Tgt Ion: 43 Resp: 276761
Ion Ratio Lower Upper
43 100
61 23.6 18.2 27.2
87 16.6 13.3 19.9



#44
Trichloroethene
Concen: 49.289 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:130 Resp: 316867
Ion Ratio Lower Upper
130 100
95 94.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.601 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

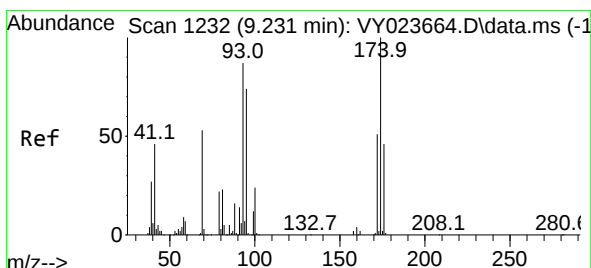
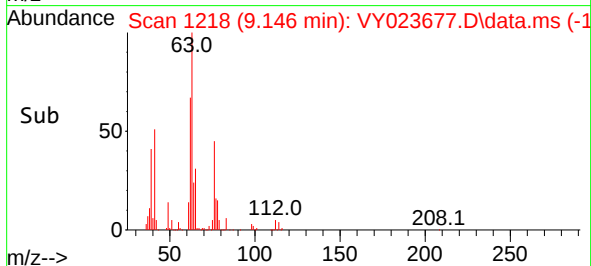
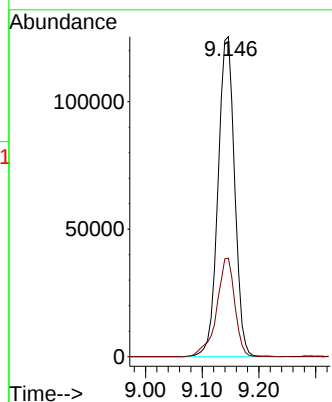
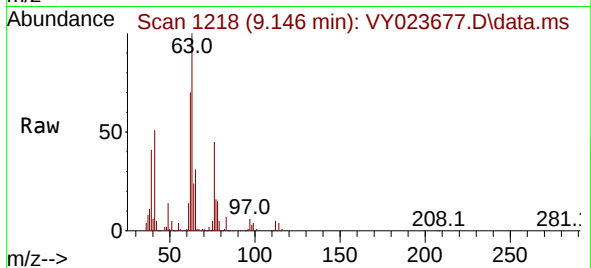
VSTDCCC050EC

Tgt Ion: 63 Resp: 254901

Ion Ratio Lower Upper

63 100

65 30.8 25.6 38.4



#46

Dibromomethane

Concen: 50.751 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

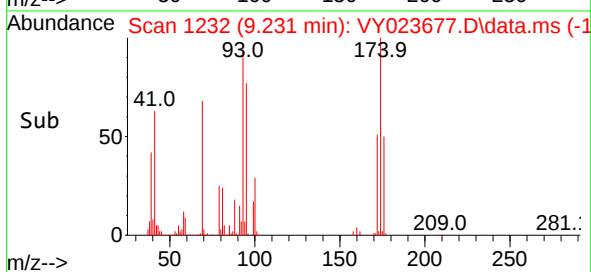
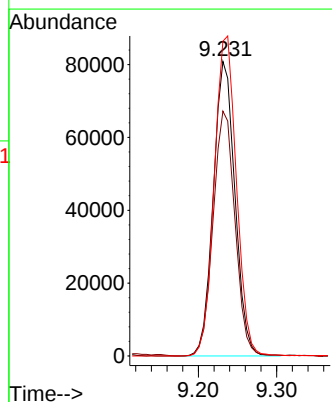
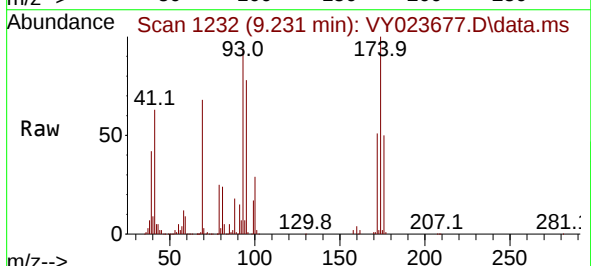
Tgt Ion: 93 Resp: 155337

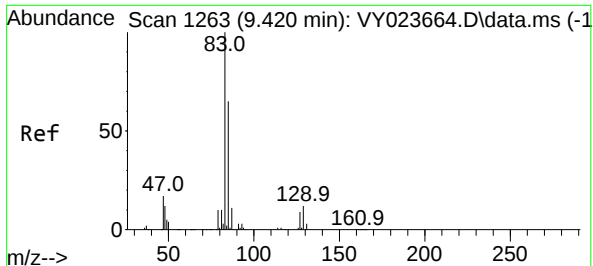
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

174 111.0 89.4 134.0





#47

Bromodichloromethane

Concen: 50.906 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

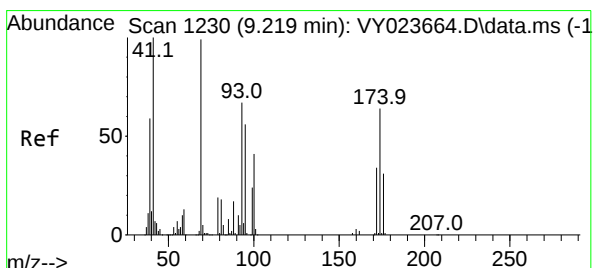
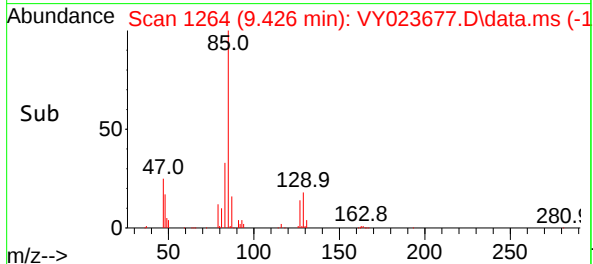
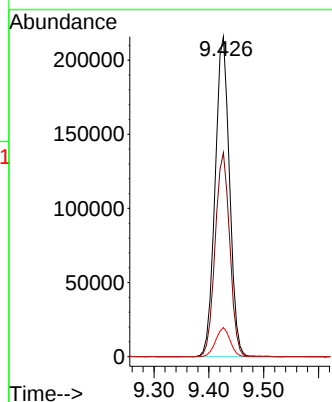
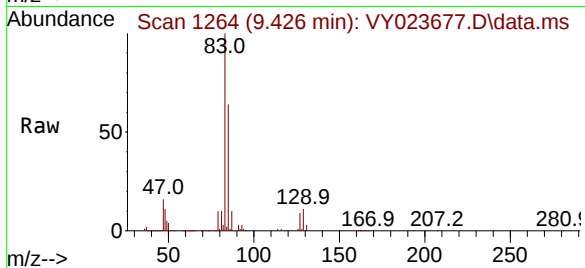
Tgt Ion: 83 Resp: 392834

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

127 9.1 7.5 11.3



#48

Methyl methacrylate

Concen: 55.060 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

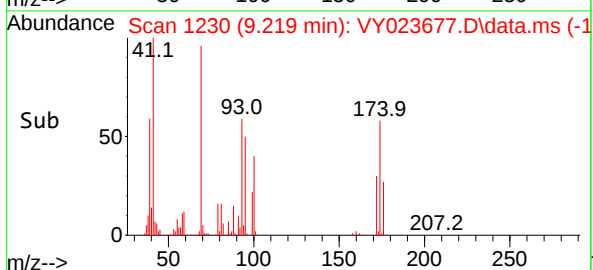
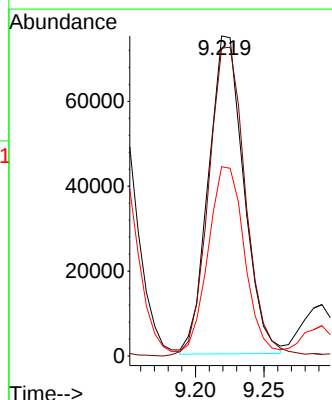
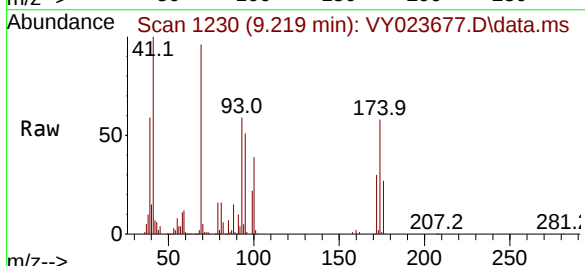
Tgt Ion: 41 Resp: 134357

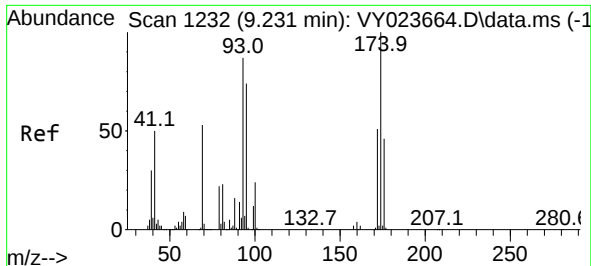
Ion Ratio Lower Upper

41 100

69 102.4 80.2 120.2

39 59.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1077.889 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

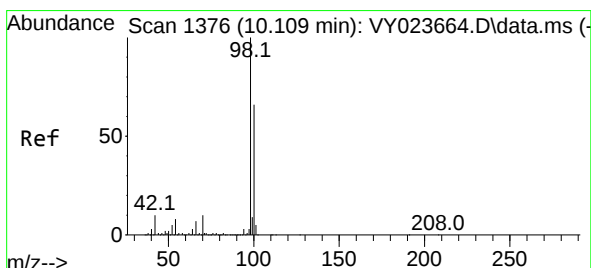
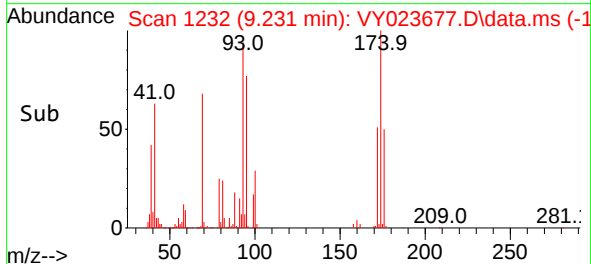
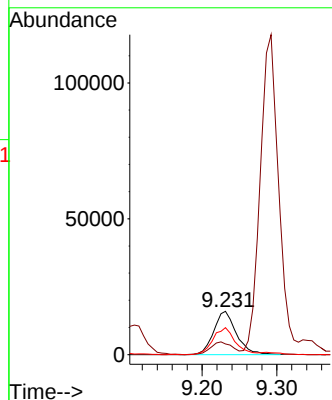
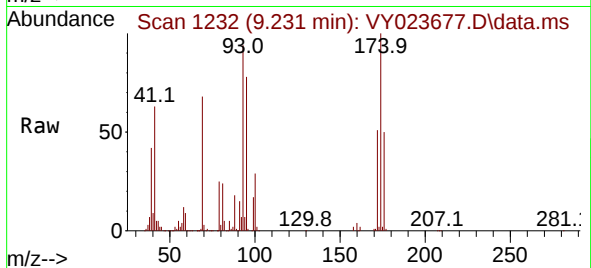
Tgt Ion: 88 Resp: 33763

Ion Ratio Lower Upper

88 100

43 28.1 22.0 33.0

58 61.2 47.8 71.8



#50

Toluene-d8

Concen: 51.122 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023677.D

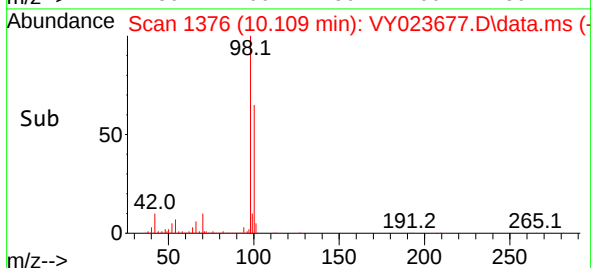
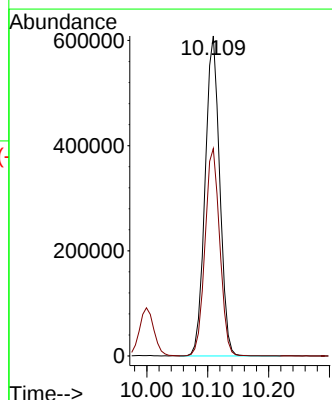
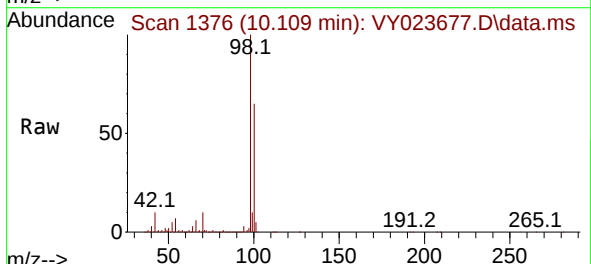
Acq: 04 Nov 2025 16:26

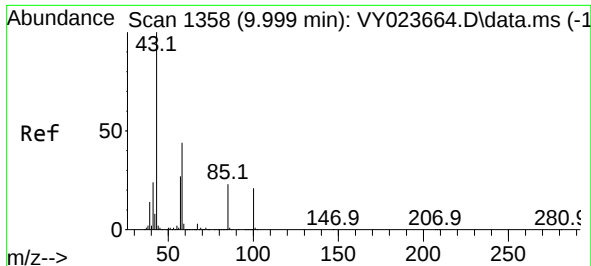
Tgt Ion: 98 Resp: 1011963

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 274.243 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

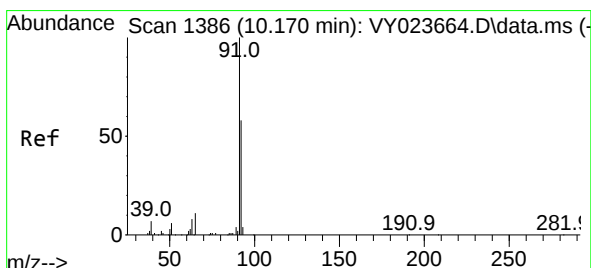
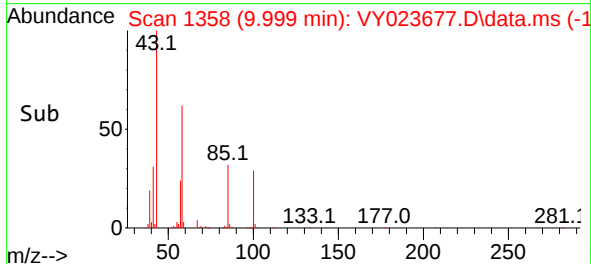
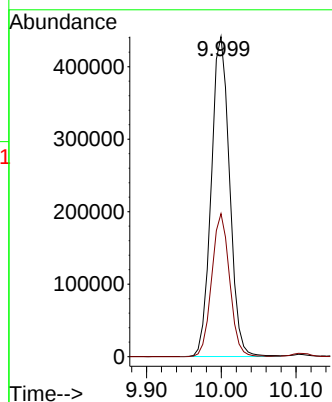
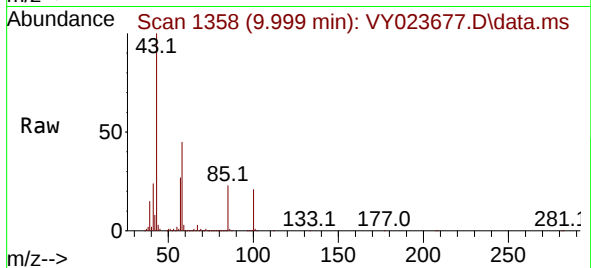
VSTDCCC050EC

Tgt Ion: 43 Resp: 753270

Ion Ratio Lower Upper

43 100

58 43.6 34.8 52.2



#52

Toluene

Concen: 52.688 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023677.D

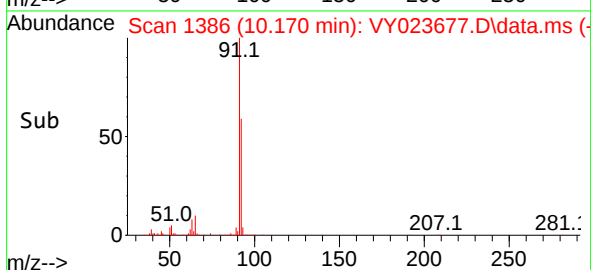
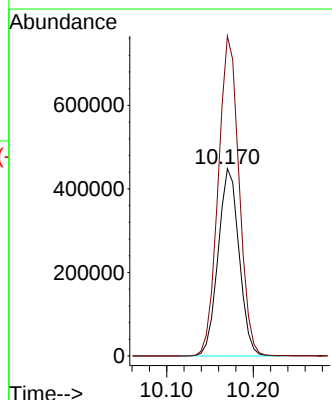
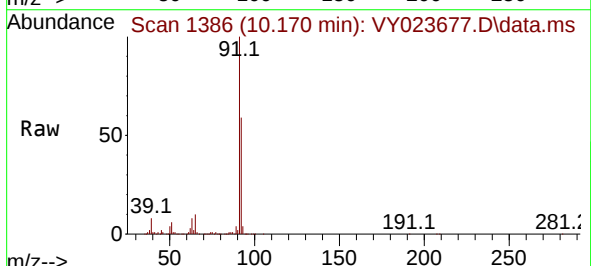
Acq: 04 Nov 2025 16:26

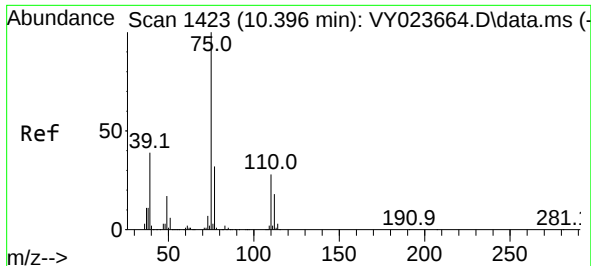
Tgt Ion: 92 Resp: 752891

Ion Ratio Lower Upper

92 100

91 170.2 137.8 206.8

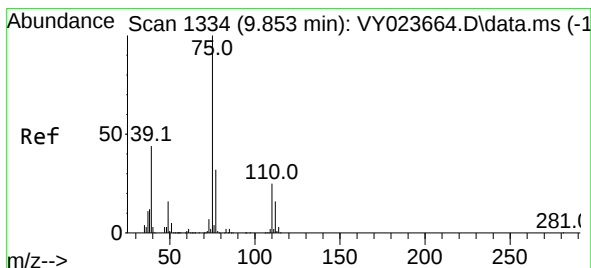
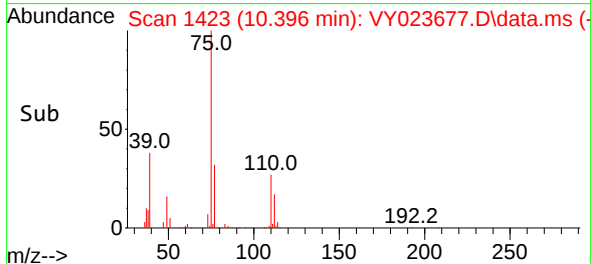
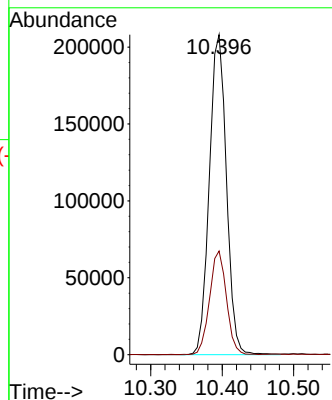
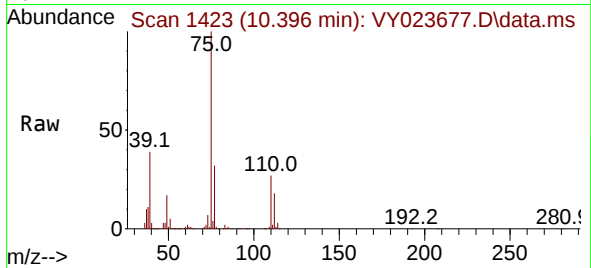




#53
t-1,3-Dichloropropene
Concen: 52.975 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

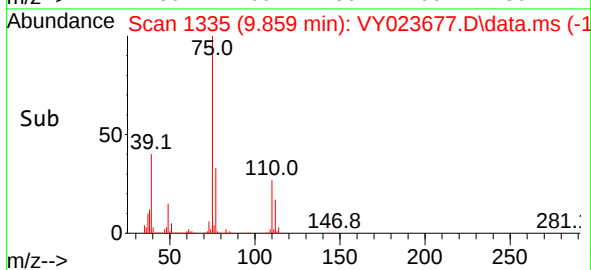
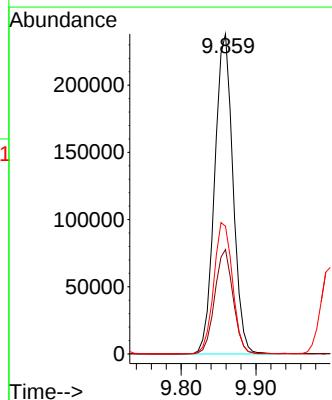
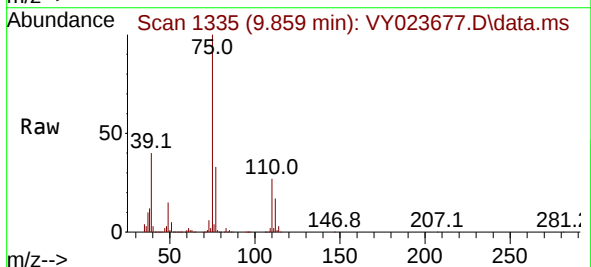
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

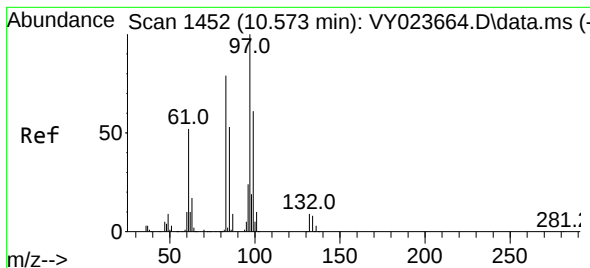
Tgt Ion: 75 Resp: 345901
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.836 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 75 Resp: 405516
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
39 39.8 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 51.042 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 208778

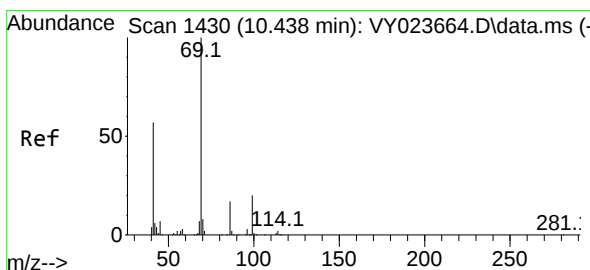
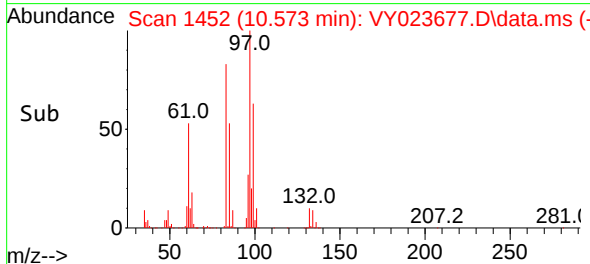
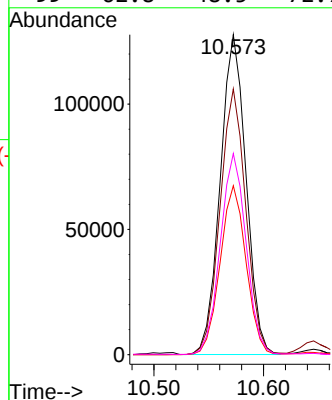
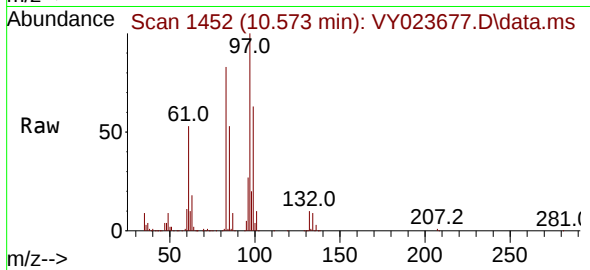
Ion Ratio Lower Upper

97 100

83 83.0 63.3 94.9

85 52.8 42.4 63.6

99 62.8 48.5 72.7



#56

Ethyl methacrylate

Concen: 56.940 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

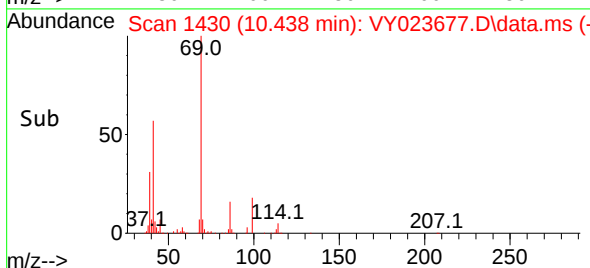
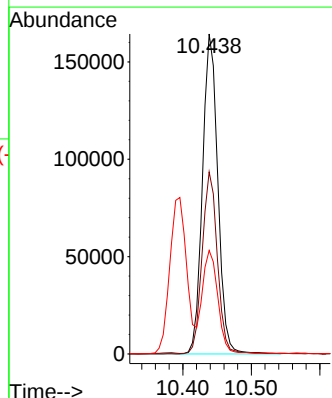
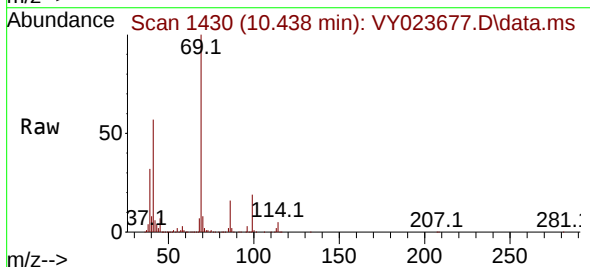
Tgt Ion: 69 Resp: 256613

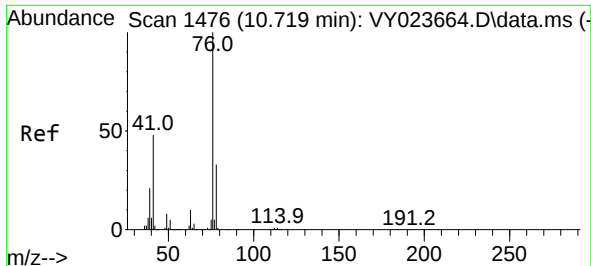
Ion Ratio Lower Upper

69 100

41 55.9 45.0 67.4

39 31.7 25.1 37.7





#57

1,3-Dichloropropane

Concen: 51.402 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

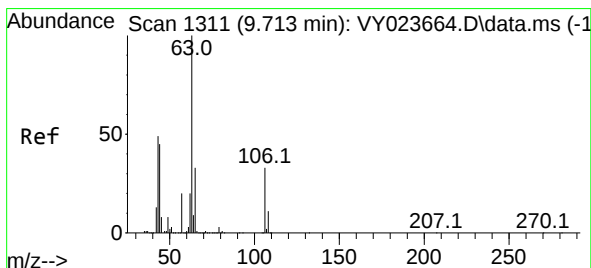
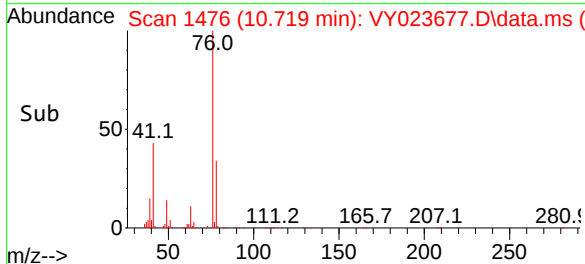
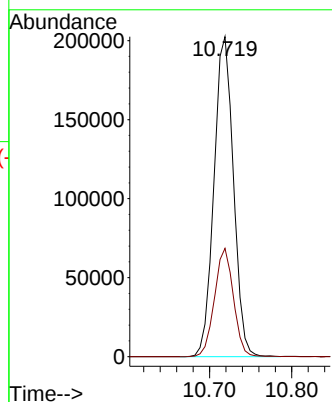
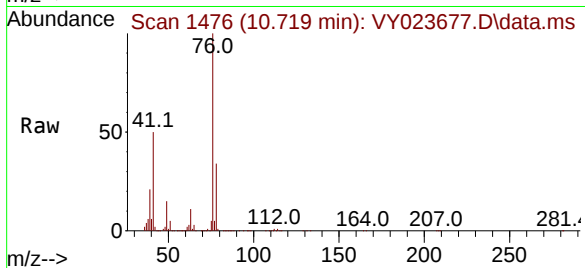
VSTDCCC050EC

Tgt Ion: 76 Resp: 333494

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 279.594 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023677.D

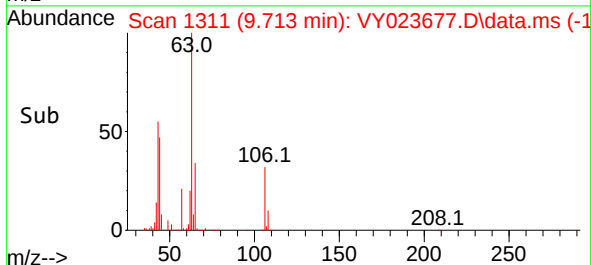
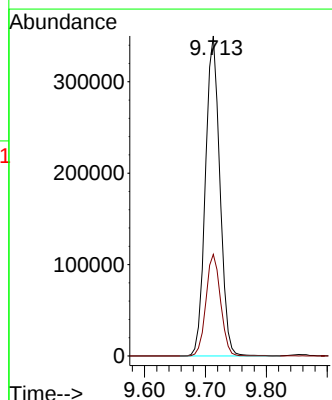
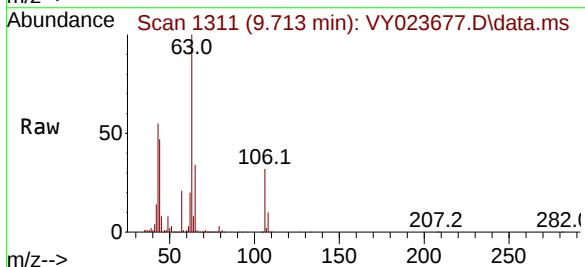
Acq: 04 Nov 2025 16:26

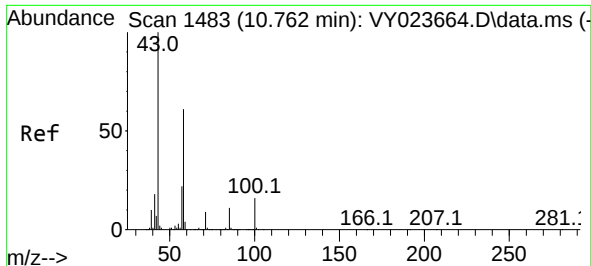
Tgt Ion: 63 Resp: 578207

Ion Ratio Lower Upper

63 100

106 31.9 26.2 39.2

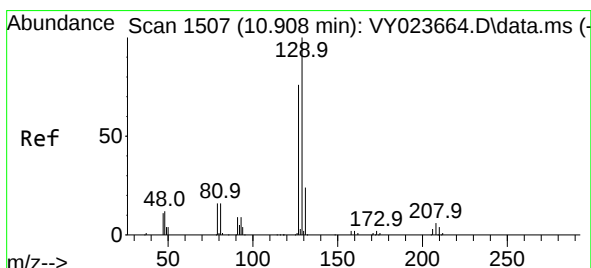
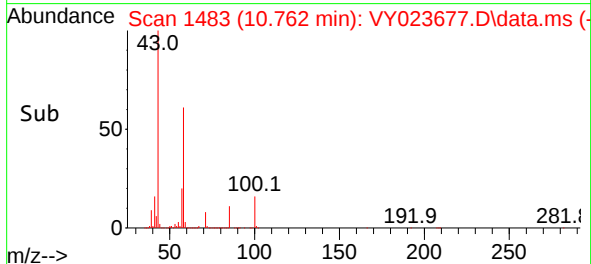
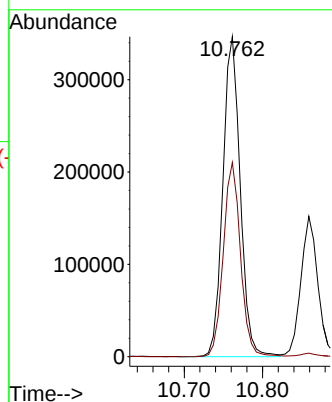
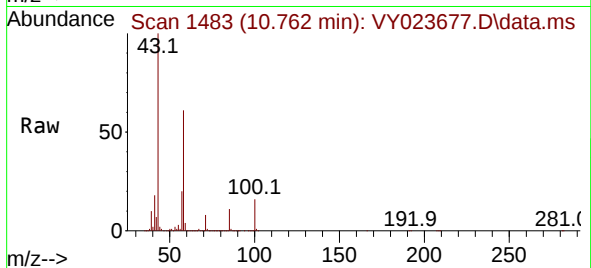




#59
2-Hexanone
Concen: 266.471 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

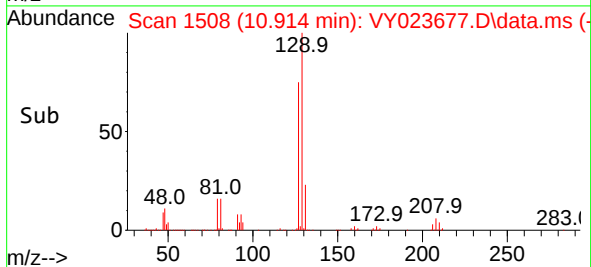
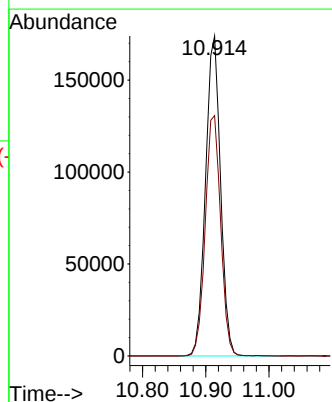
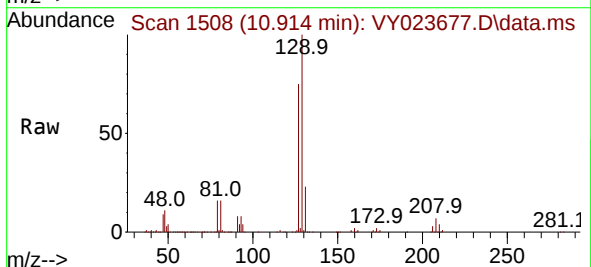
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

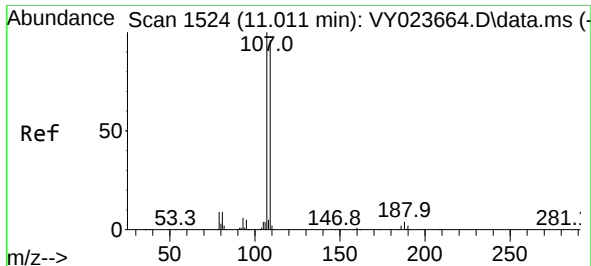
Tgt Ion: 43 Resp: 533991
Ion Ratio Lower Upper
43 100
58 60.3 30.2 90.6



#60
Dibromochloromethane
Concen: 51.121 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 129 Resp: 287307
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2

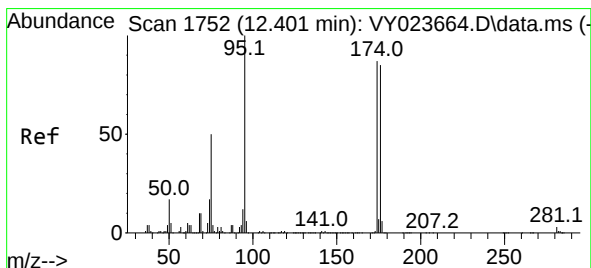
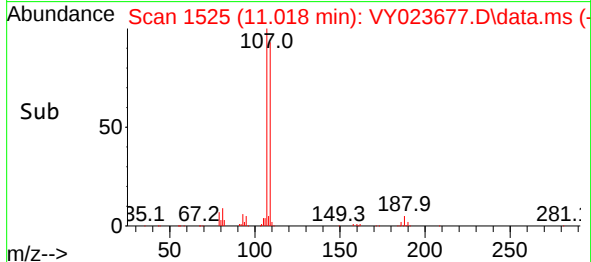
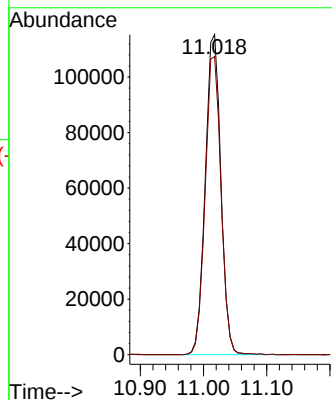
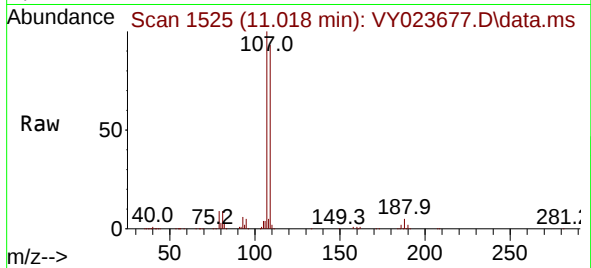




#61
1,2-Dibromoethane
Concen: 51.653 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

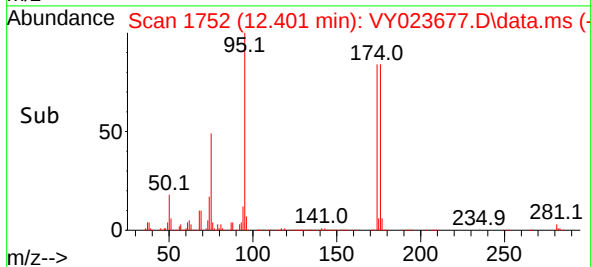
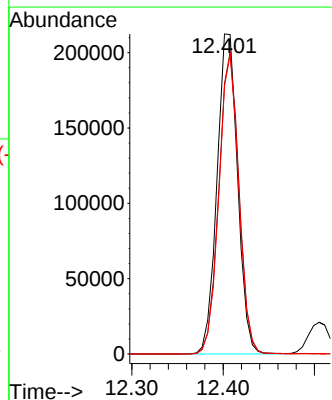
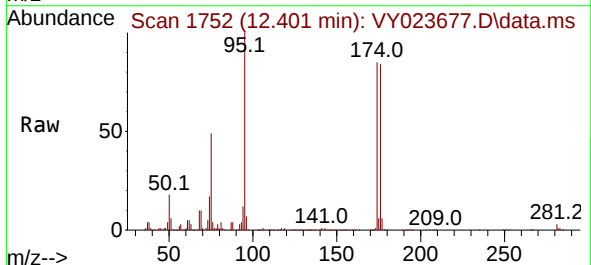
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

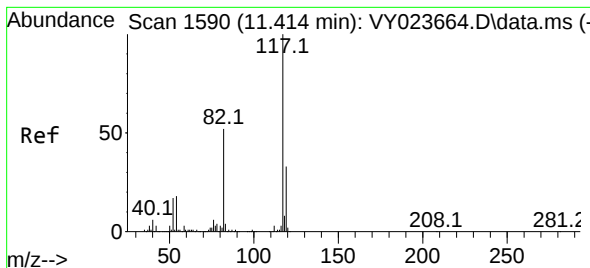
Tgt Ion:107 Resp: 198282
Ion Ratio Lower Upper
107 100
109 94.5 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 52.037 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 95 Resp: 333117
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.8
176 90.0 0.0 181.6

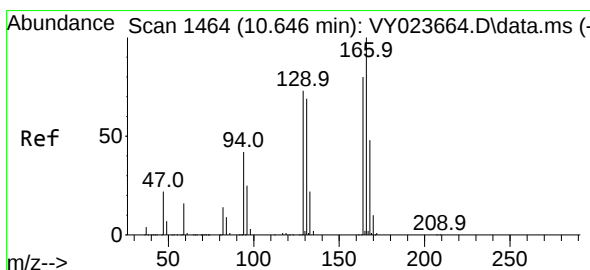
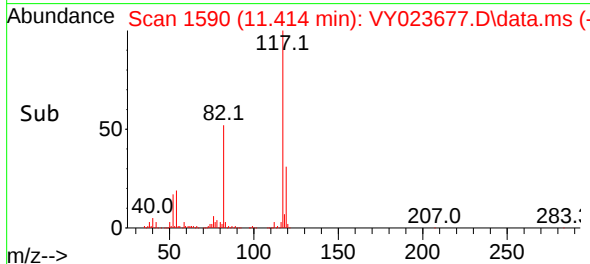
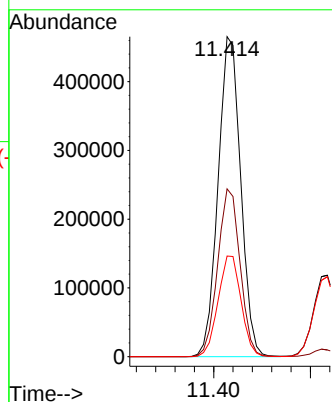
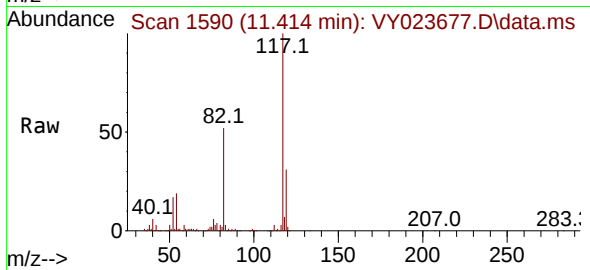




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

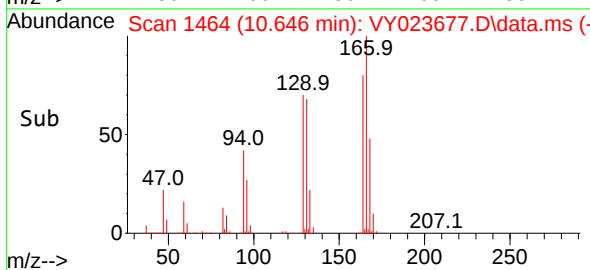
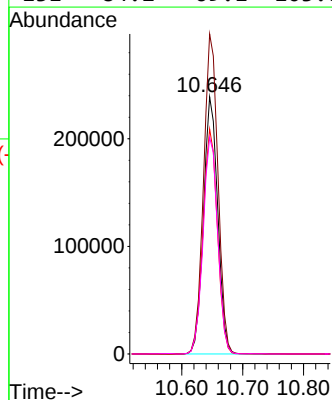
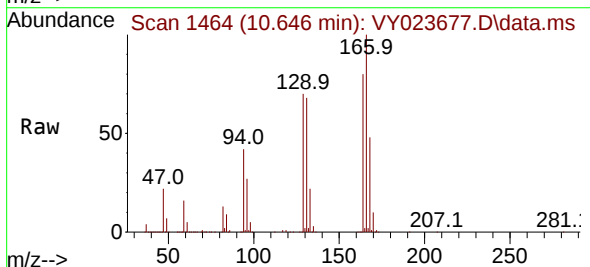
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

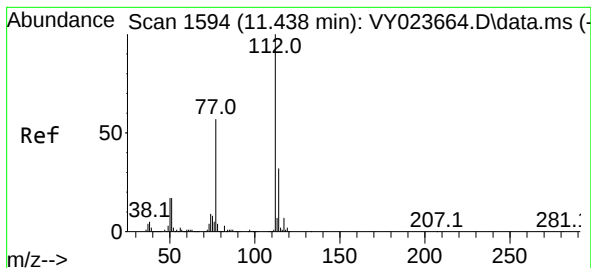
Tgt Ion:117 Resp: 753039
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 31.5 26.2 39.2



#64
Tetrachloroethene
Concen: 49.522 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:164 Resp: 388154
Ion Ratio Lower Upper
164 100
166 124.5 99.5 149.3
129 87.5 72.3 108.5
131 84.2 69.1 103.7





#65

Chlorobenzene

Concen: 50.453 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

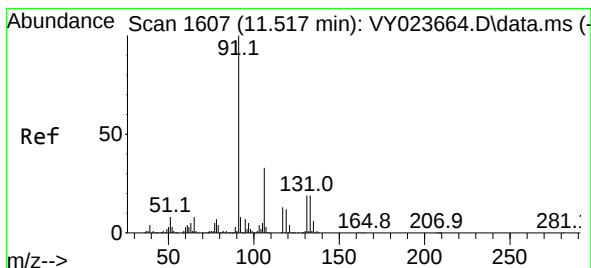
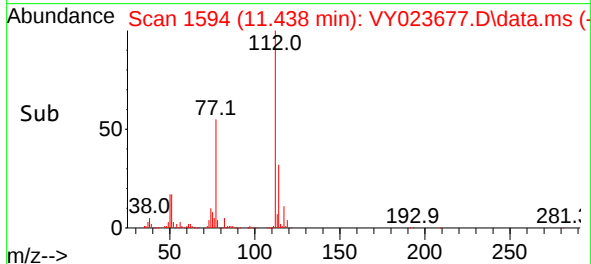
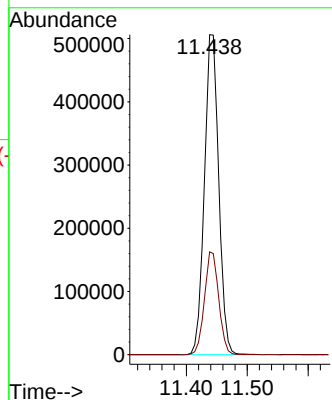
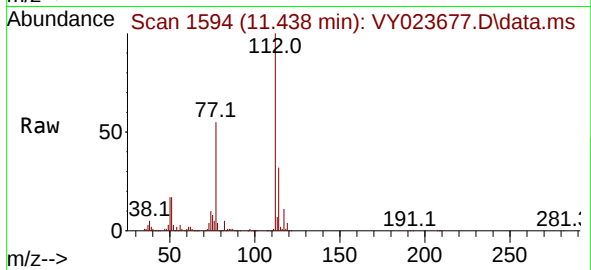
VSTDCCC050EC

Tgt Ion:112 Resp: 827112

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.712 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

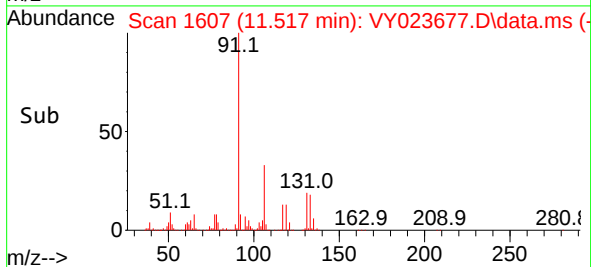
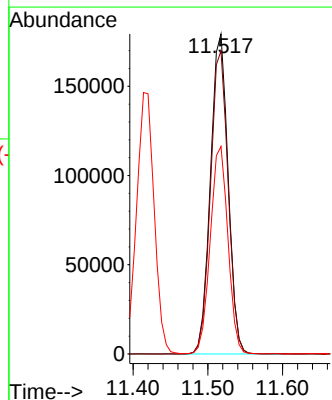
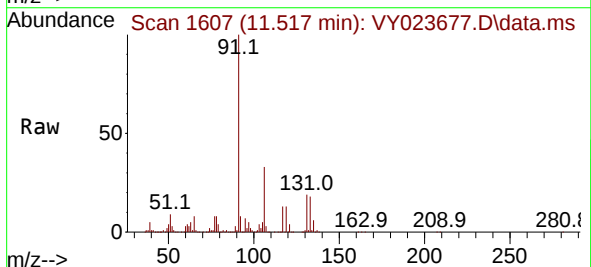
Tgt Ion:131 Resp: 293971

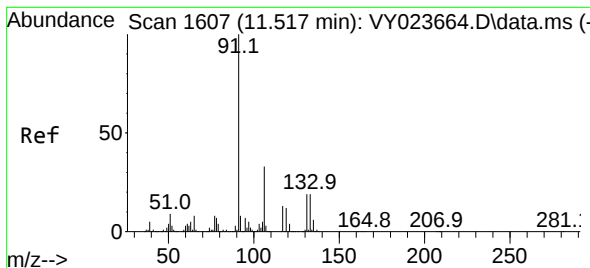
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.8

119 64.9 32.5 97.4

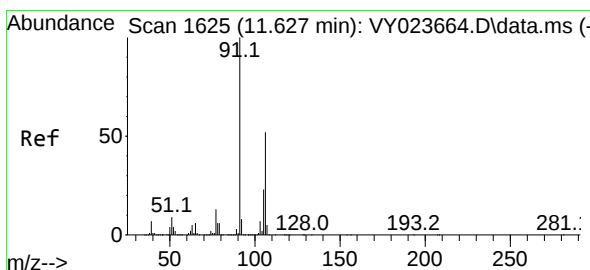
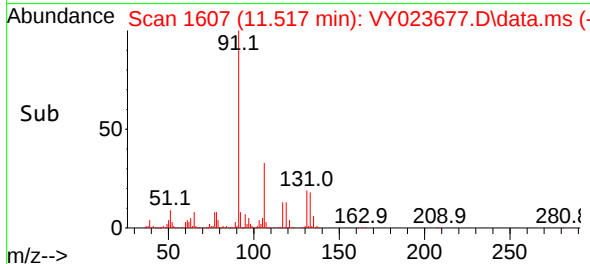
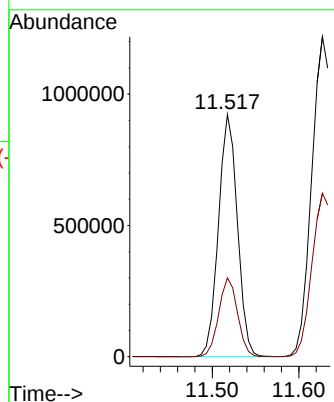
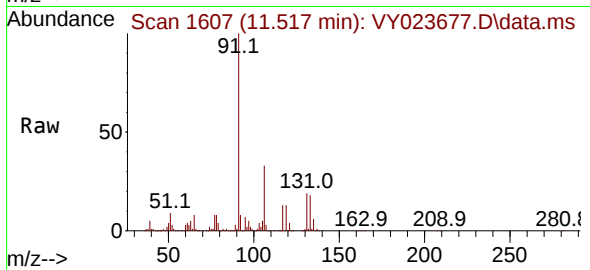




#67
Ethyl Benzene
Concen: 52.717 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

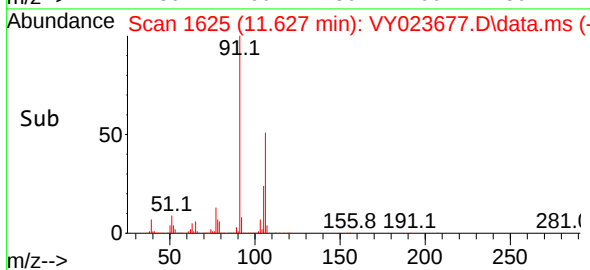
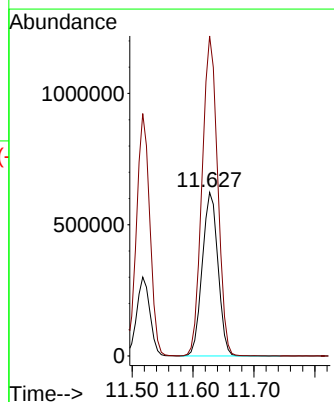
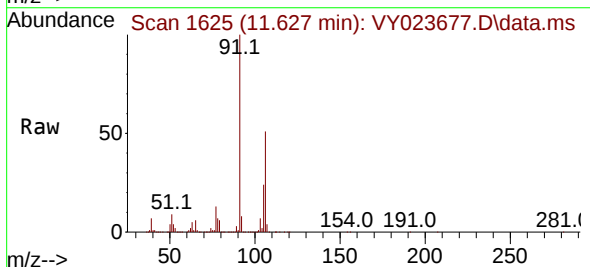
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

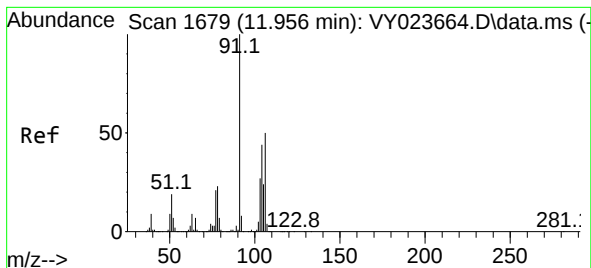
Tgt Ion: 91 Resp: 1398716
Ion Ratio Lower Upper
91 100
106 32.5 26.6 40.0



#68
m/p-Xylenes
Concen: 105.203 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:106 Resp: 1115228
Ion Ratio Lower Upper
106 100
91 194.3 154.3 231.5

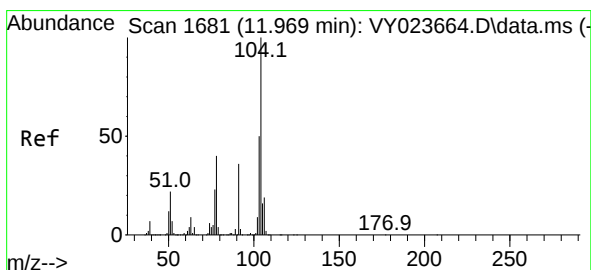
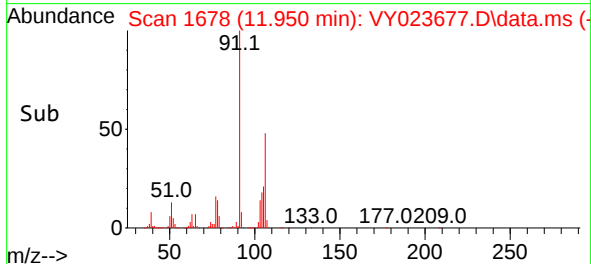
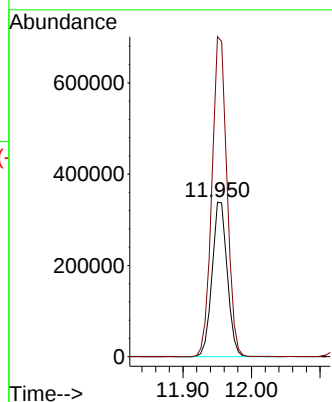
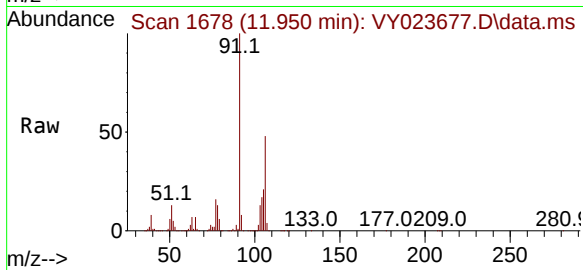




#69
o-Xylene
Concen: 53.104 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

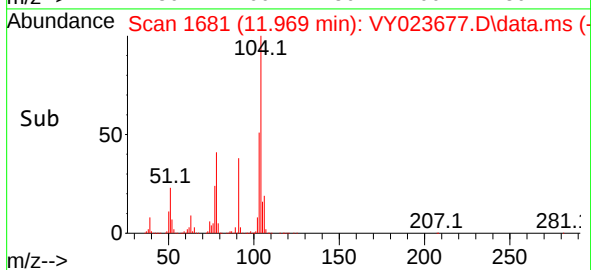
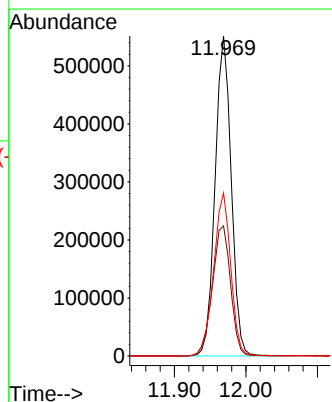
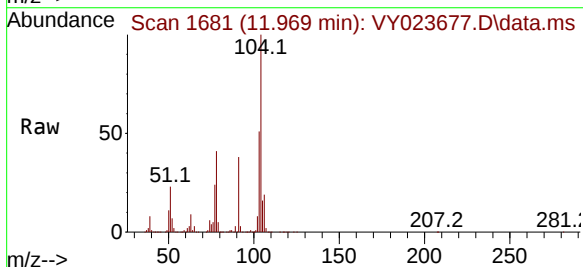
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

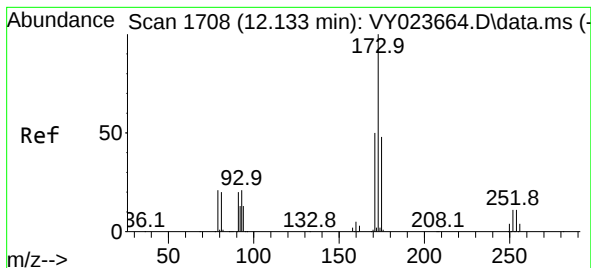
Tgt Ion:106 Resp: 520377
Ion Ratio Lower Upper
106 100
91 205.9 101.6 304.6



#70
Styrene
Concen: 53.437 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:104 Resp: 863970
Ion Ratio Lower Upper
104 100
78 46.0 36.5 54.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 51.904 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

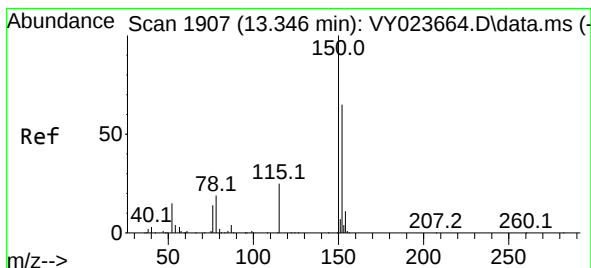
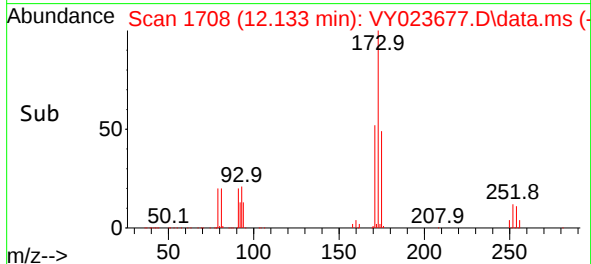
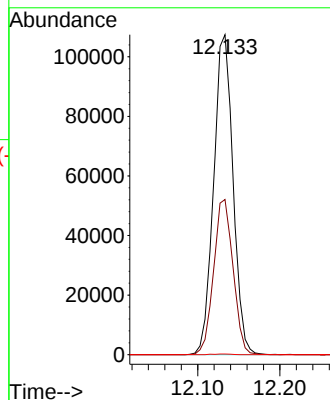
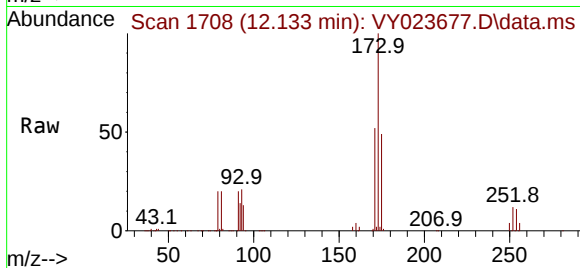
Tgt Ion:173 Resp: 175729

Ion Ratio Lower Upper

173 100

175 48.7 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: VY023677.D

Acq: 04 Nov 2025 16:26

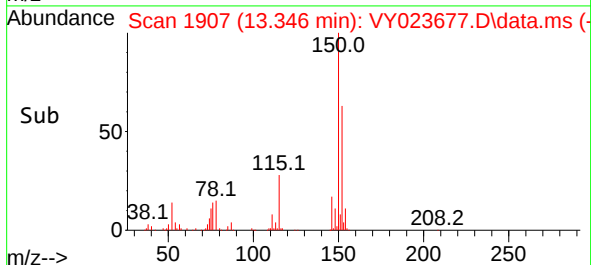
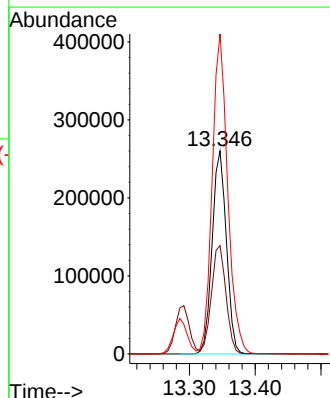
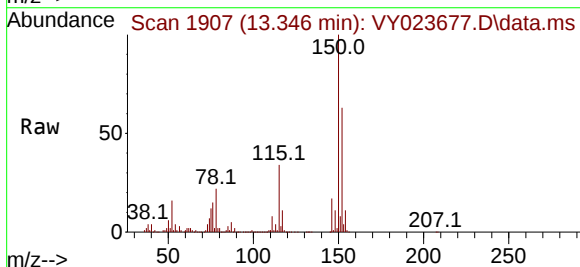
Tgt Ion:152 Resp: 392784

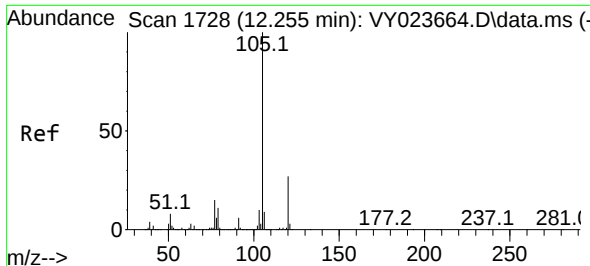
Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.5

150 170.9 0.0 349.0

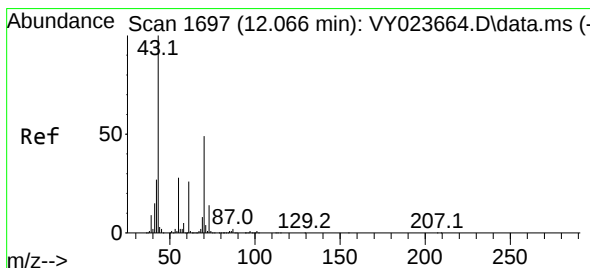
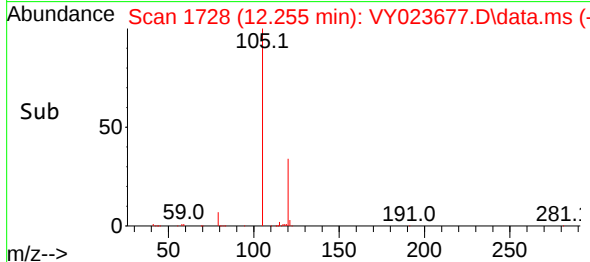
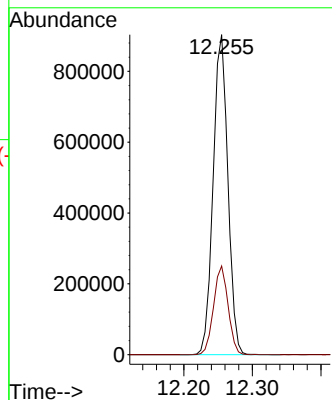
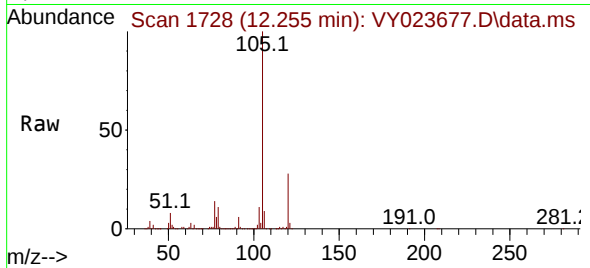




#73
Isopropylbenzene
Concen: 51.408 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

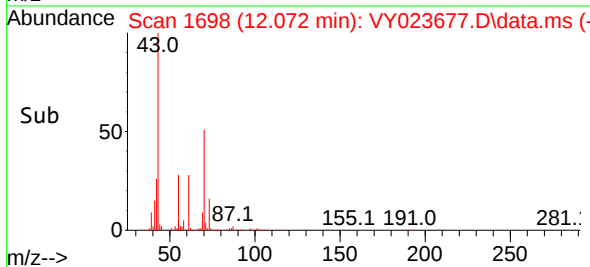
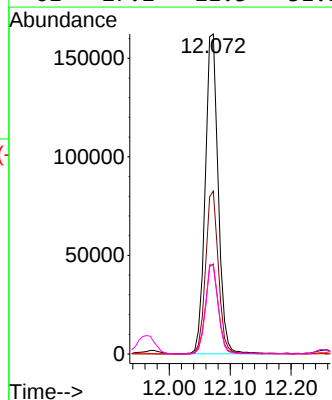
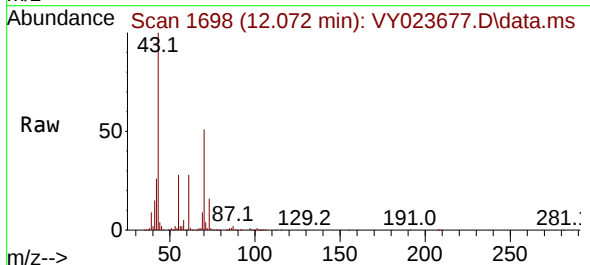
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

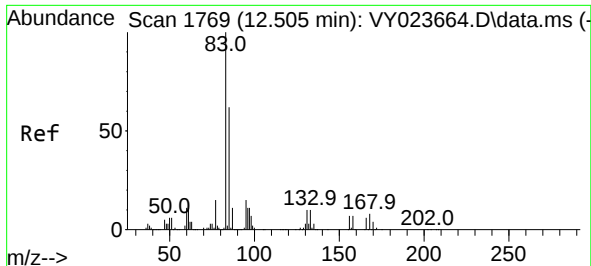
Tgt Ion:105 Resp: 1350497
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#74
N-ethyl acetate
Concen: 54.240 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 43 Resp: 241243
Ion Ratio Lower Upper
43 100
70 50.3 40.1 60.1
55 28.2 23.0 34.6
61 27.2 21.3 31.9

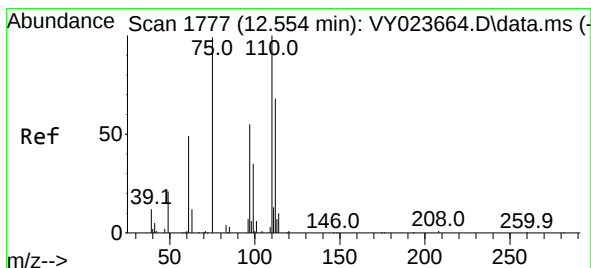
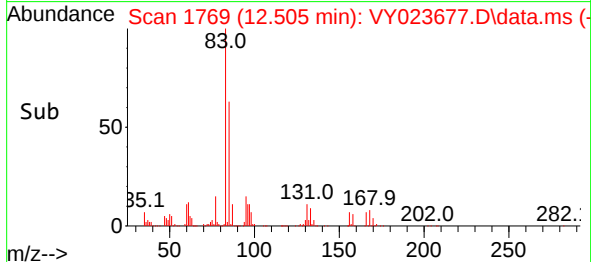
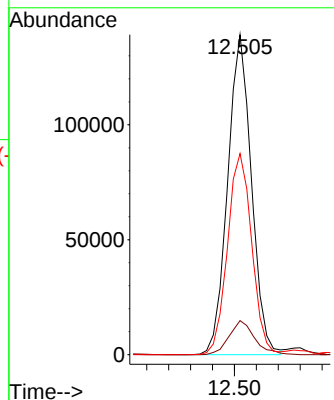
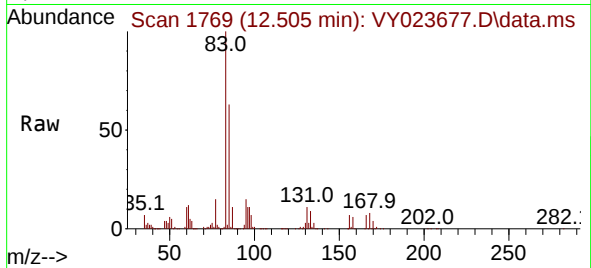




#75
1,1,2-Tetrachloroethane
Concen: 50.001 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

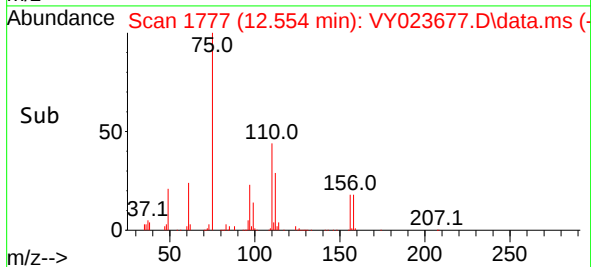
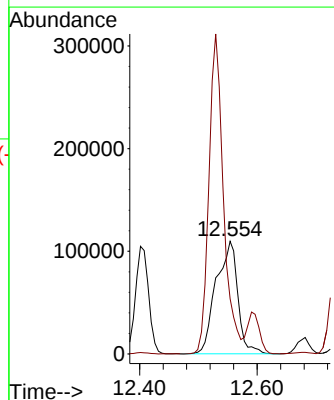
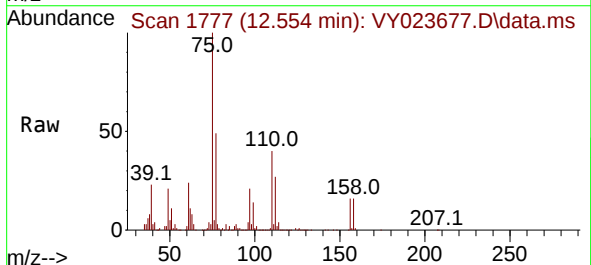
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

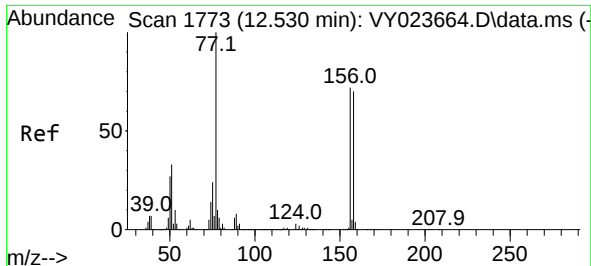
Tgt Ion: 83 Resp: 209787
Ion Ratio Lower Upper
83 100
131 11.4 5.7 17.0
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 88.715 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 75 Resp: 282011
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

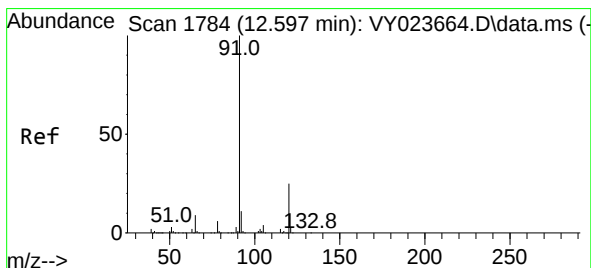
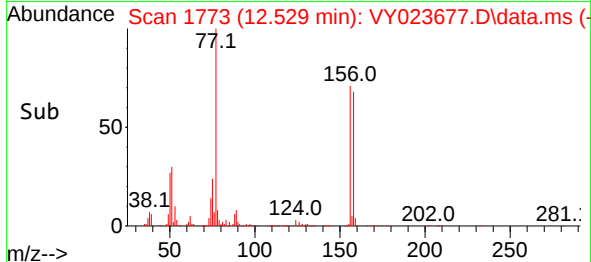
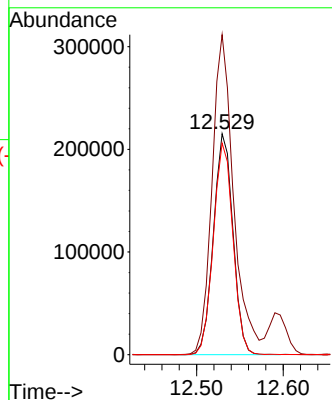
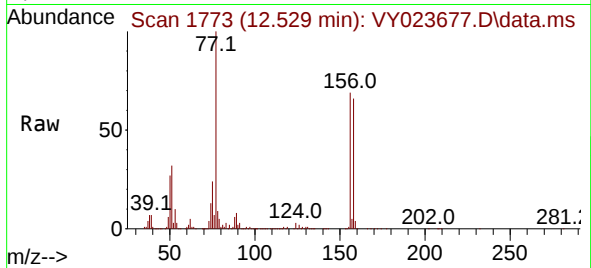




#77
Bromobenzene
Concen: 49.440 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

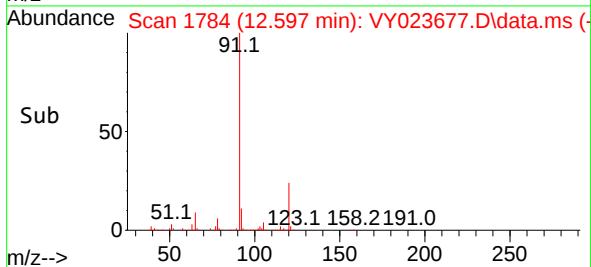
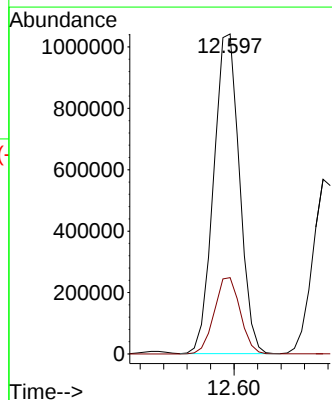
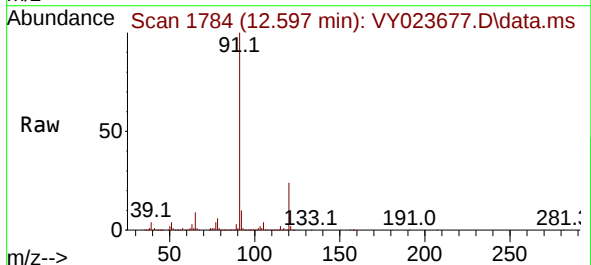
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

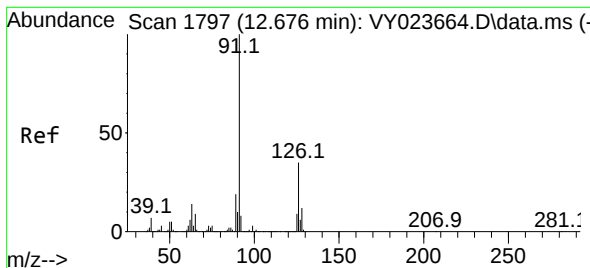
Tgt Ion:156 Resp: 336896
Ion Ratio Lower Upper
156 100
77 159.3 77.9 233.7
158 96.4 48.5 145.5



#78
n-propylbenzene
Concen: 51.399 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 91 Resp: 1588255
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1

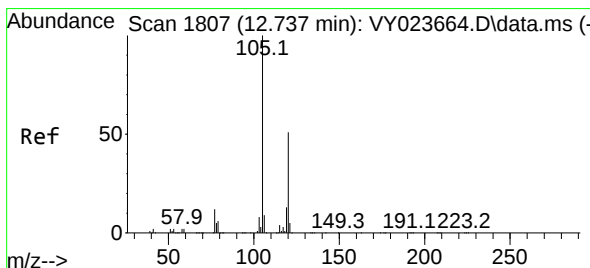
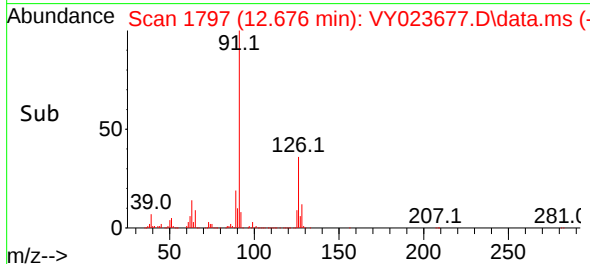
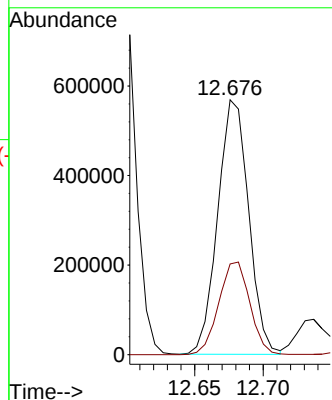
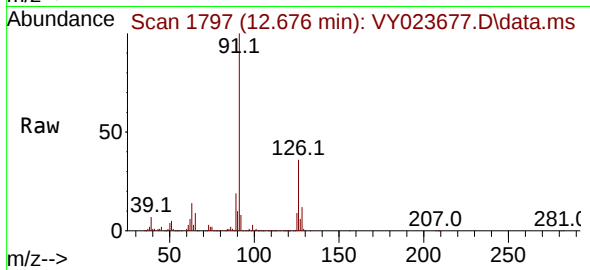




#79
2-Chlorotoluene
Concen: 49.829 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

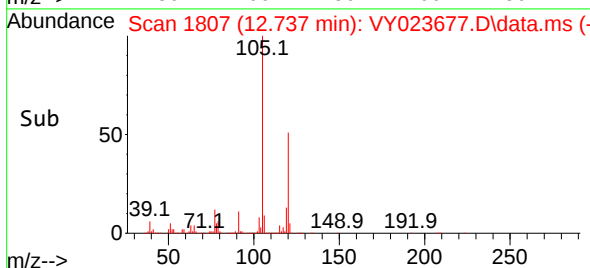
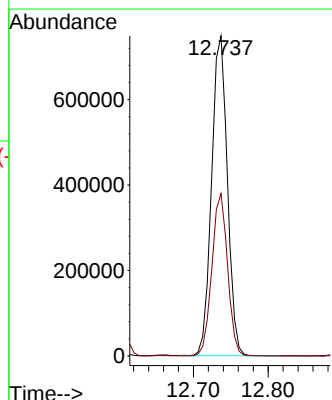
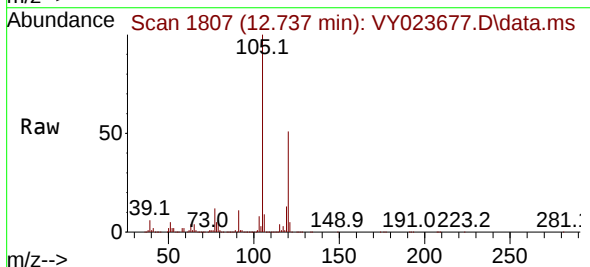
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

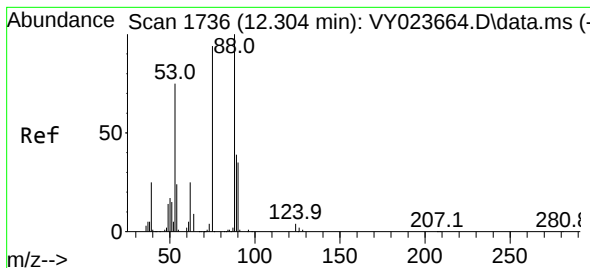
Tgt Ion: 91 Resp: 893483
Ion Ratio Lower Upper
91 100
126 36.7 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 51.608 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 105 Resp: 1101534
Ion Ratio Lower Upper
105 100
120 50.3 25.4 76.2

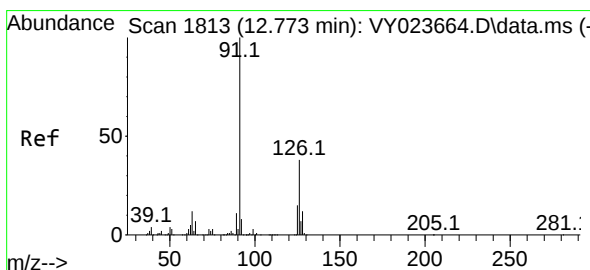
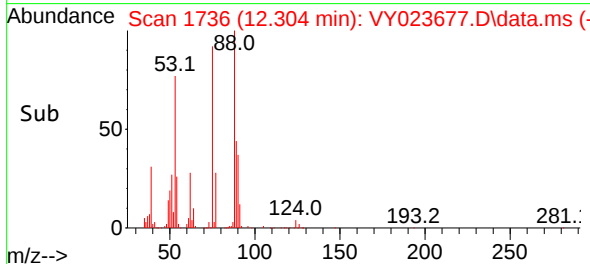
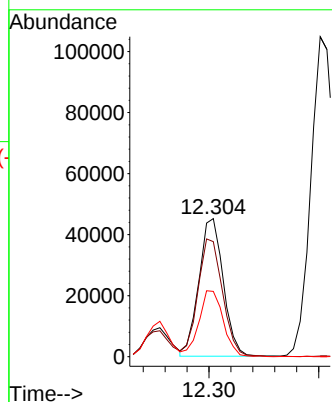
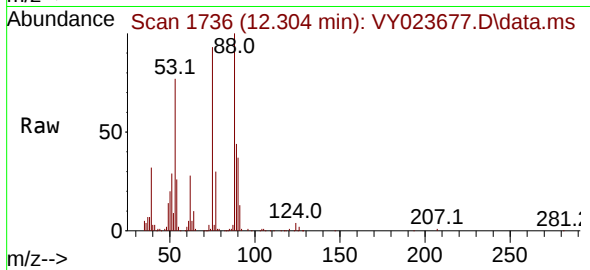




#81
trans-1,4-Dichloro-2-butene
Concen: 49.575 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

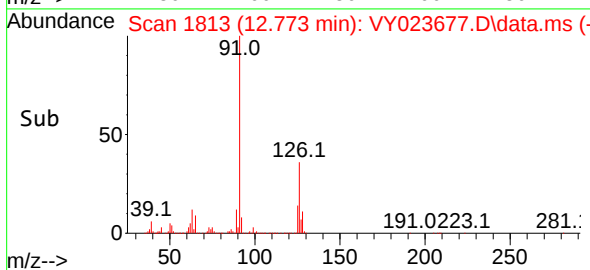
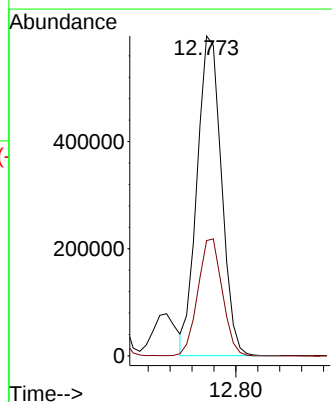
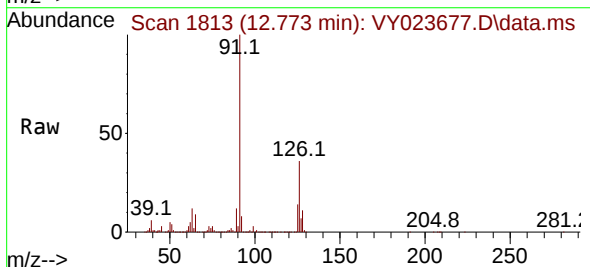
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

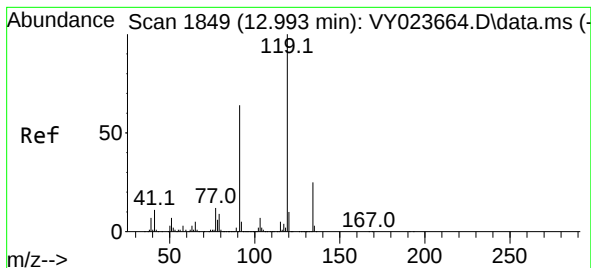
Tgt Ion: 75 Resp: 69733
Ion Ratio Lower Upper
75 100
53 86.6 69.6 104.4
89 47.8 38.2 57.4



#82
4-Chlorotoluene
Concen: 49.876 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 91 Resp: 922330
Ion Ratio Lower Upper
91 100
126 36.9 18.1 54.4





#83

tert-Butylbenzene

Concen: 51.383 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

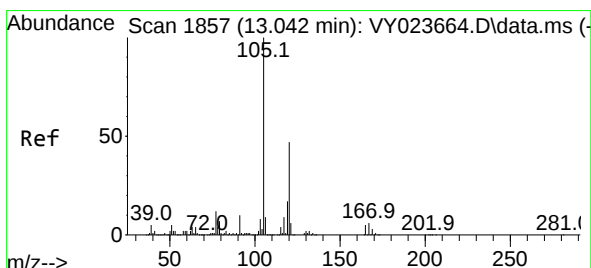
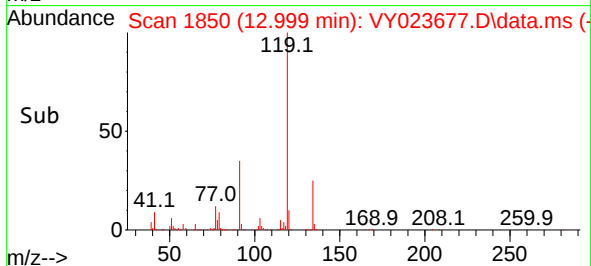
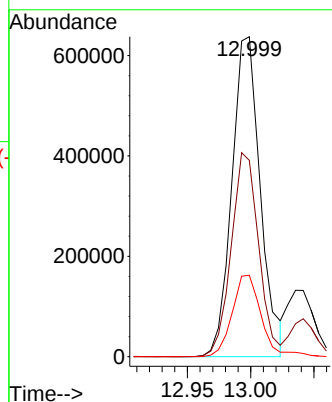
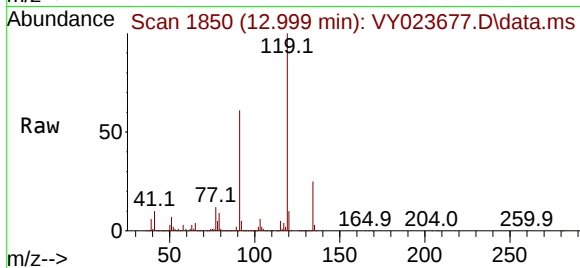
Tgt Ion:119 Resp: 998874

Ion Ratio Lower Upper

119 100

91 61.5 30.7 92.1

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 51.405 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023677.D

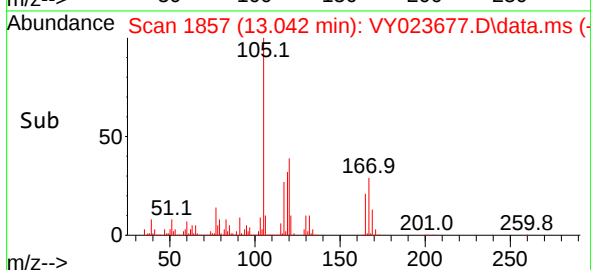
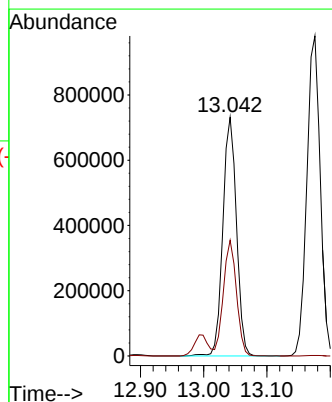
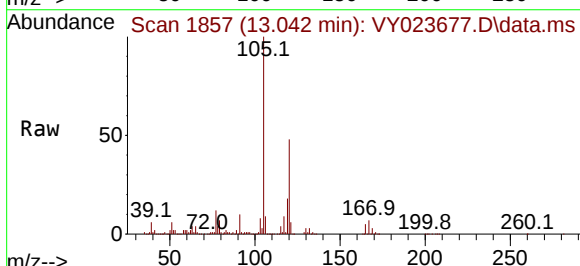
Acq: 04 Nov 2025 16:26

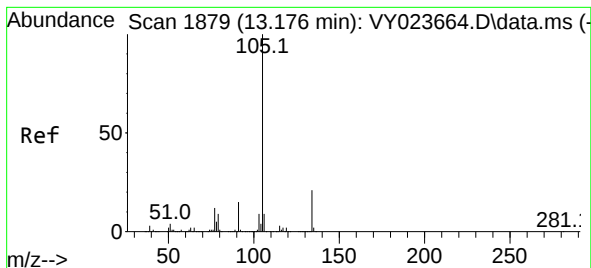
Tgt Ion:105 Resp: 1086742

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.216 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

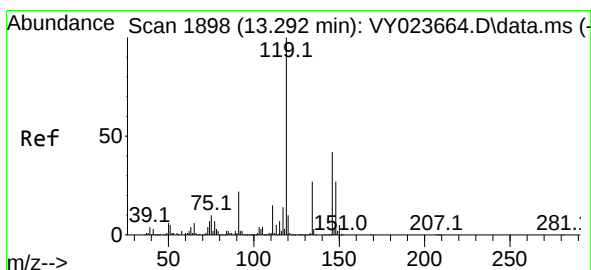
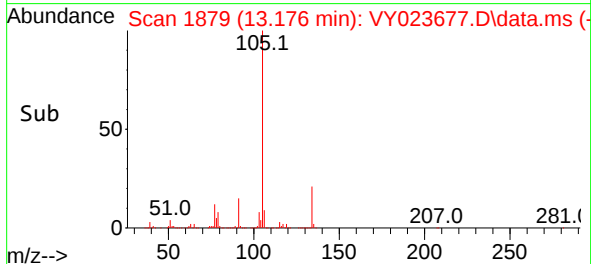
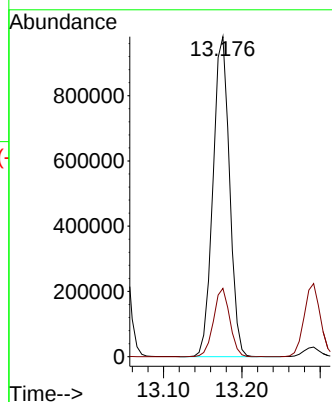
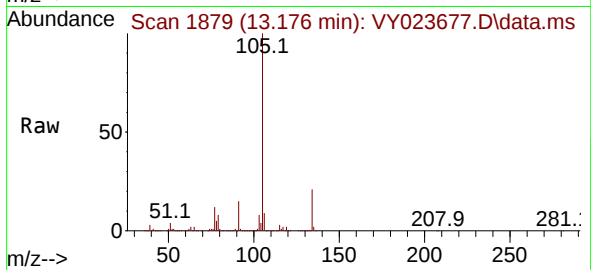
VSTDCCC050EC

Tgt Ion:105 Resp: 1436046

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.985 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

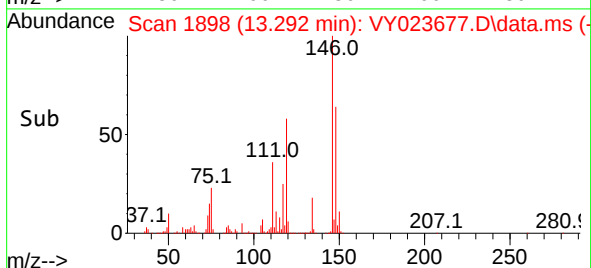
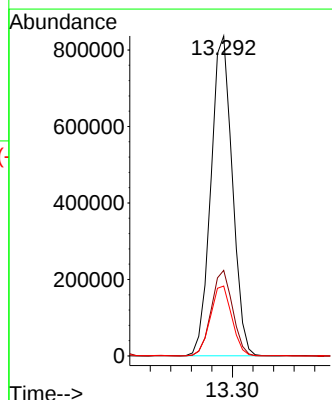
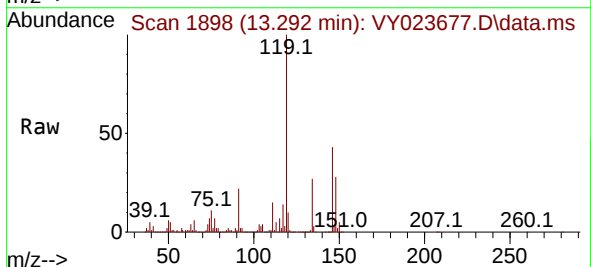
Tgt Ion:119 Resp: 1210199

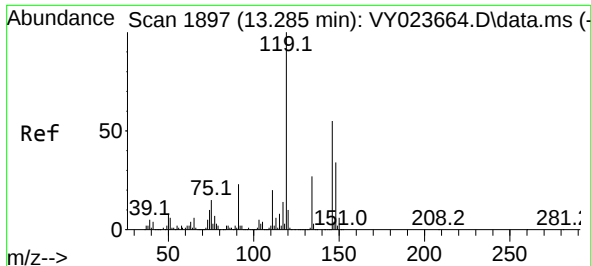
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 48.147 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

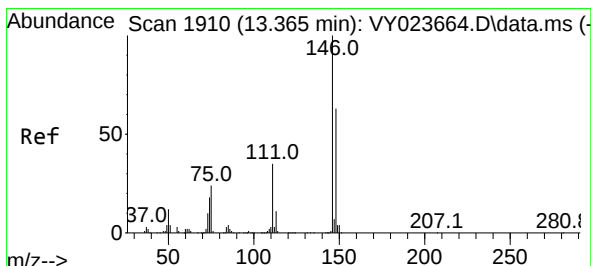
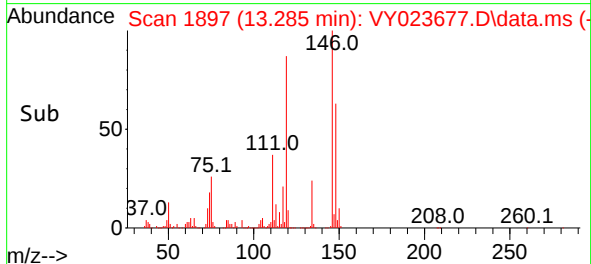
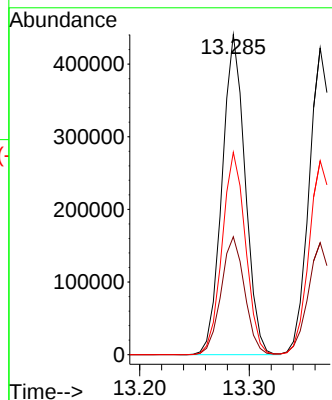
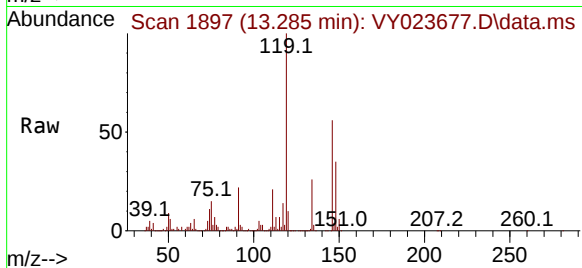
Tgt Ion:146 Resp: 645751

Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.3

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.843 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

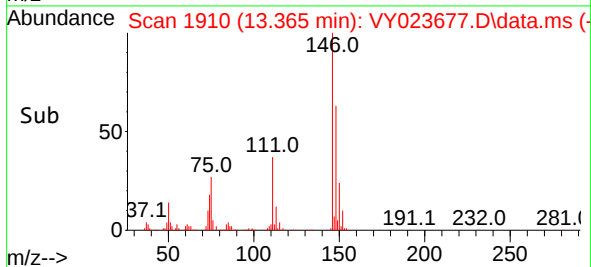
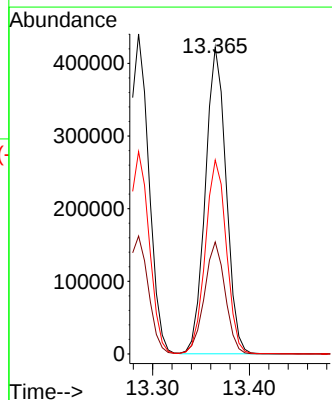
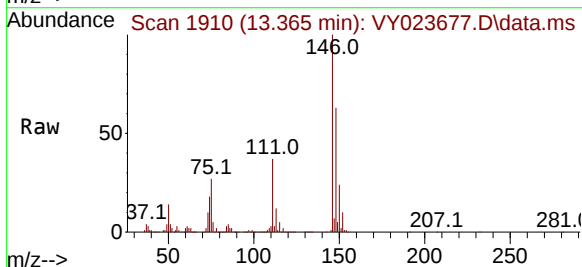
Tgt Ion:146 Resp: 630313

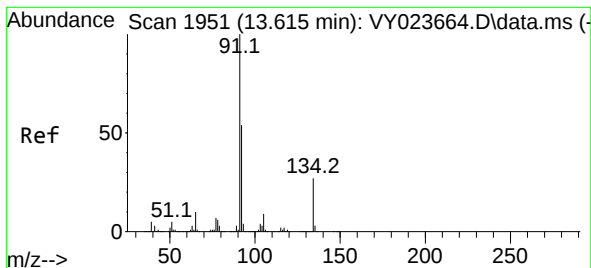
Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 51.117 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

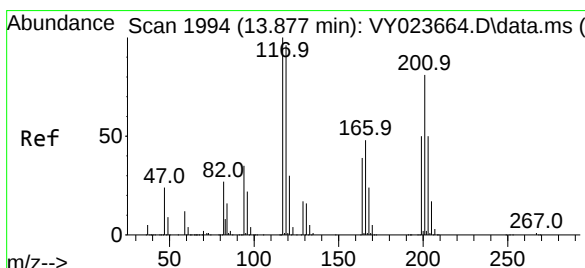
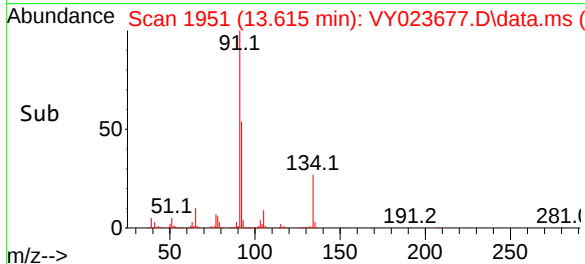
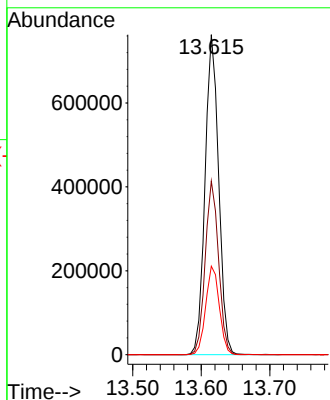
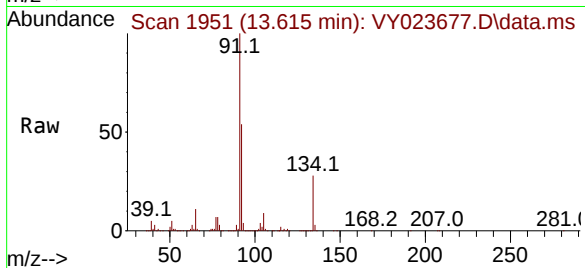
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1055069

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.4
134	27.7	13.7	41.1



#90

Hexachloroethane

Concen: 47.918 ug/l

RT: 13.877 min Scan# 1994

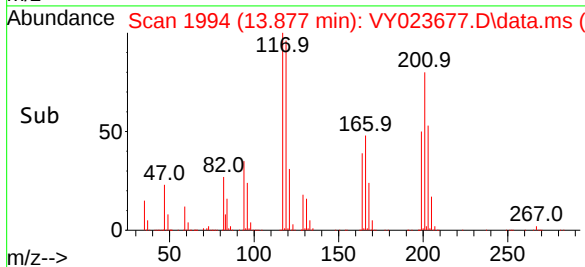
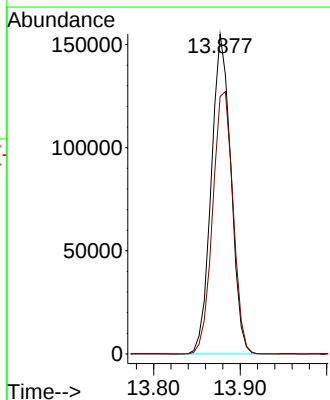
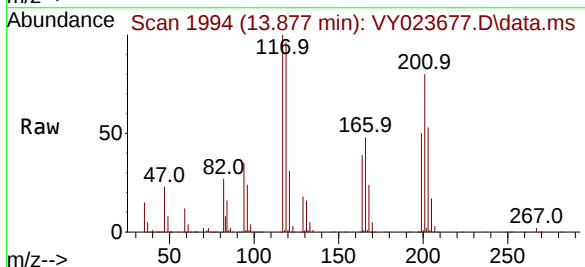
Delta R.T. -0.000 min

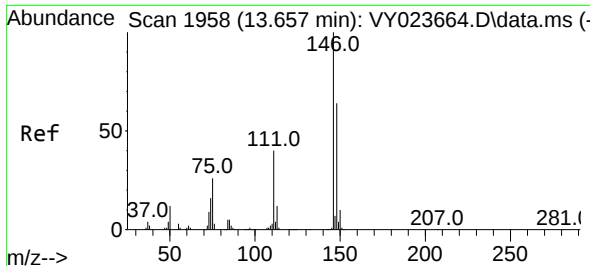
Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Tgt Ion: 117 Resp: 244422

Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.3	126.8

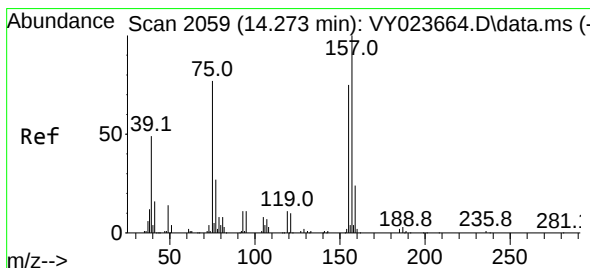
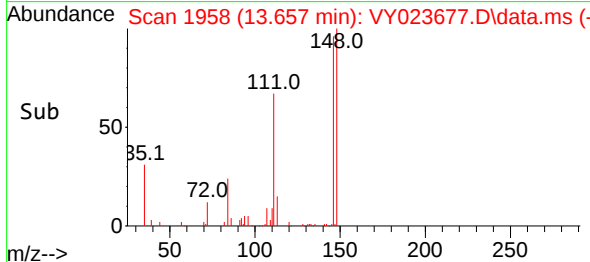
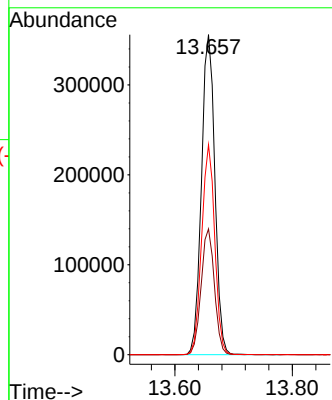
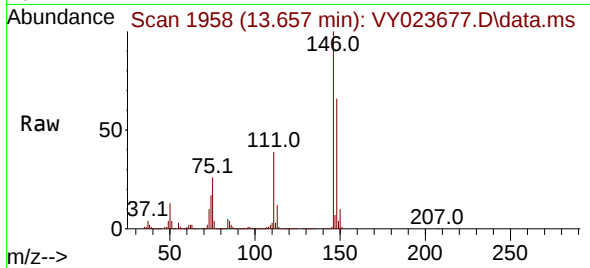




#91
1,2-Dichlorobenzene
Concen: 48.776 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

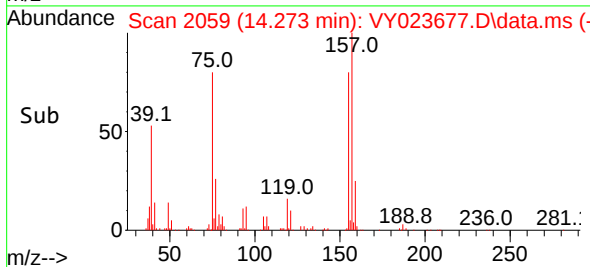
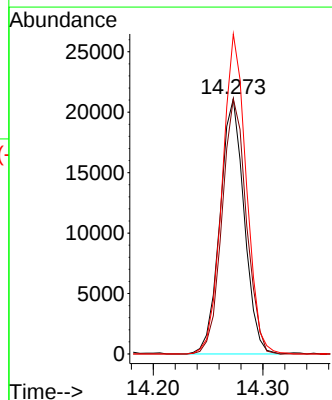
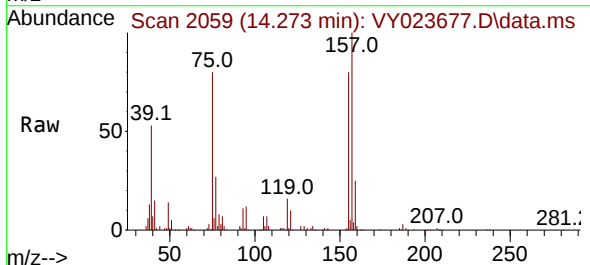
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

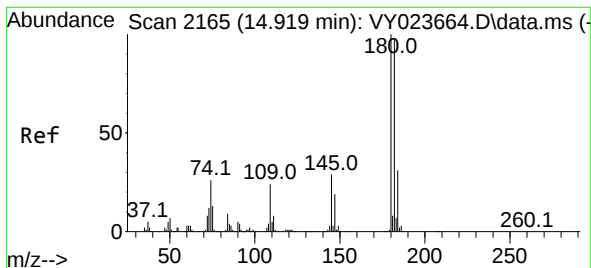
Tgt Ion:146 Resp: 563766
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.013 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion: 75 Resp: 32309
Ion Ratio Lower Upper
75 100
155 100.4 49.4 148.2
157 124.2 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 49.139 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

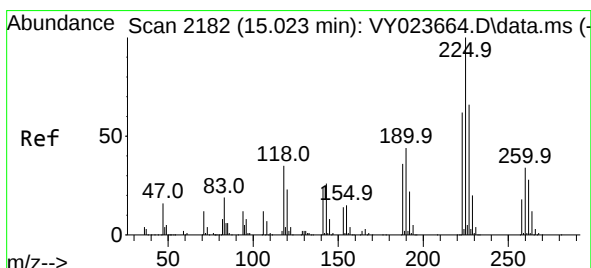
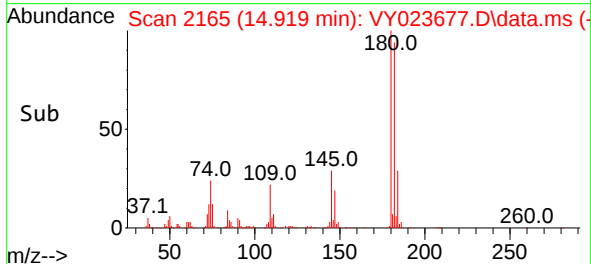
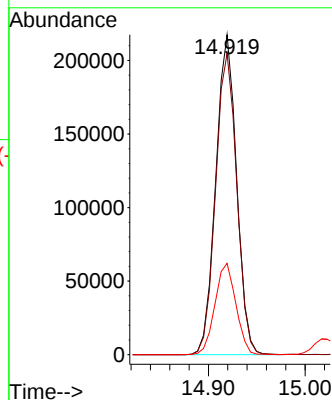
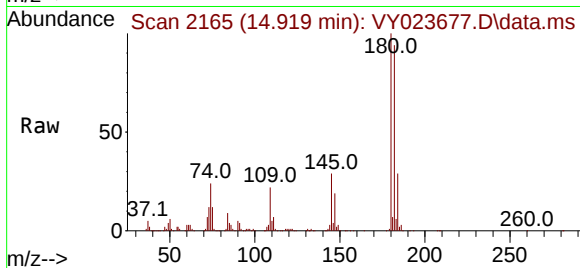
Tgt Ion:180 Resp: 324865

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 28.8 14.4 43.4



#94

Hexachlorobutadiene

Concen: 46.937 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023677.D

Acq: 04 Nov 2025 16:26

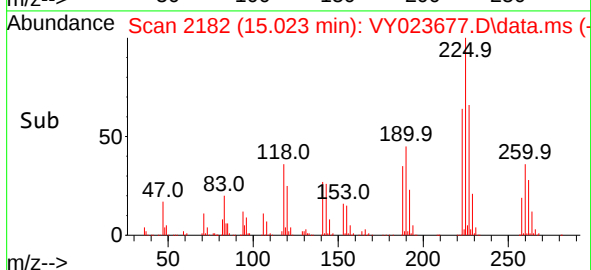
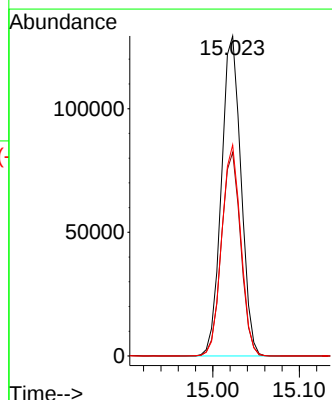
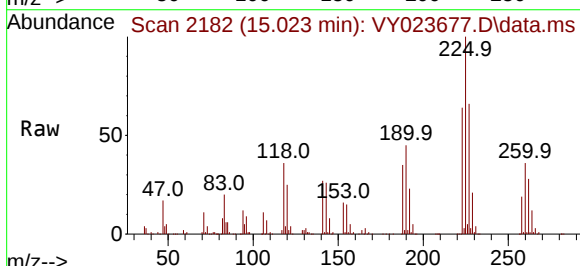
Tgt Ion:225 Resp: 203316

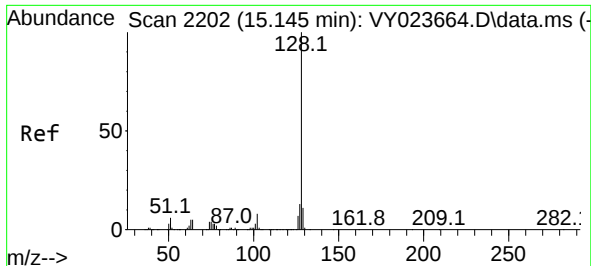
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 64.2 32.0 96.2

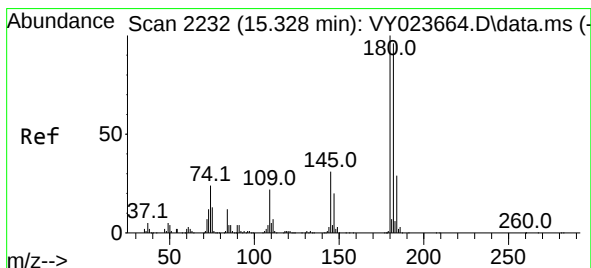
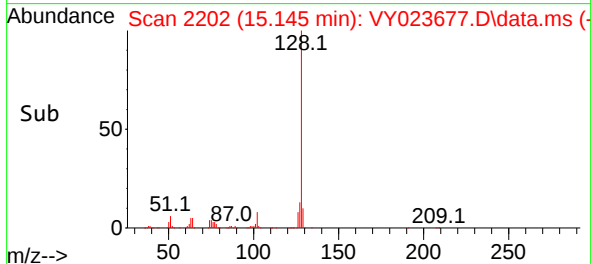
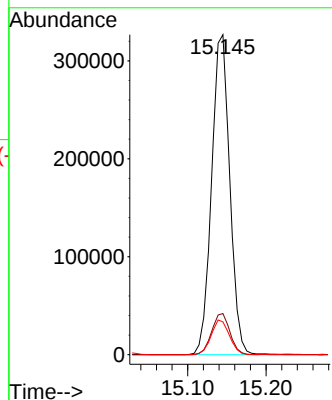
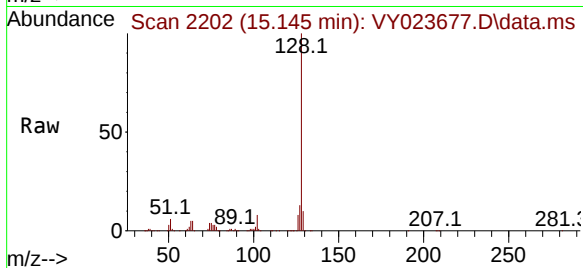




#95
Naphthalene
Concen: 46.003 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 526266
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.728 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023677.D
Acq: 04 Nov 2025 16:26

Tgt Ion:180 Resp: 280203
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 30.3 15.5 46.5

