

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023636.D
 Acq On : 31 Oct 2025 08:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 03:19:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	461906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	665068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	595630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	189963	49.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.640	113	215281	52.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.360%
50) Toluene-d8	10.109	98	789930	51.905	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.408	95	266906	53.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135552	40.771	ug/l	99
3) Chloromethane	2.074	50	193781	42.785	ug/l	98
4) Vinyl Chloride	2.208	62	257370	43.628	ug/l	100
5) Bromomethane	2.605	94	213008	43.027	ug/l	100
6) Chloroethane	2.739	64	193188	48.042	ug/l	98
7) Trichlorofluoromethane	3.062	101	380303	46.430	ug/l	99
8) Diethyl Ether	3.458	74	102337	47.814	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	217973	51.283	ug/l	99
10) Methyl Iodide	4.007	142	273590	57.819	ug/l	100
11) Tert butyl alcohol	4.860	59	63427	220.731	ug/l	99
12) 1,1-Dichloroethene	3.793	96	204537	49.641	ug/l	94
13) Acrolein	3.653	56	17244	42.470	ug/l	99
14) Allyl chloride	4.391	41	267846	53.340	ug/l	98
15) Acrylonitrile	5.061	53	200628	244.939	ug/l	99
16) Acetone	3.866	43	236639	257.343	ug/l	98
17) Carbon Disulfide	4.110	76	541395	45.909	ug/l	99
18) Methyl Acetate	4.391	43	135072	55.996	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	503670	50.861	ug/l	97
20) Methylene Chloride	4.622	84	236416	47.546	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	237635	52.385	ug/l	95
22) Diisopropyl ether	6.025	45	624784	56.249	ug/l	98
23) Vinyl Acetate	5.964	43	1504905	250.309	ug/l	99
24) 1,1-Dichloroethane	5.921	63	403888	54.894	ug/l	98
25) 2-Butanone	6.896	43	264989	236.045	ug/l	97
26) 2,2-Dichloropropane	6.890	77	374320	55.444	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	287368	54.841	ug/l	99
28) Bromochloromethane	7.250	49	132281	48.160	ug/l	96
29) Tetrahydrofuran	7.262	42	146424	230.008	ug/l	99
30) Chloroform	7.427	83	451866	55.898	ug/l	99
31) Cyclohexane	7.707	56	305251	47.507	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	397925	54.167	ug/l	99
36) 1,1-Dichloropropene	7.841	75	294628	54.459	ug/l	99
37) Ethyl Acetate	6.988	43	100526	46.901	ug/l	99
38) Carbon Tetrachloride	7.823	117	356470	54.339	ug/l	97
39) Methylcyclohexane	9.116	83	364277	51.714	ug/l	97
40) Benzene	8.085	78	958091	55.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	50075	43.198	ug/l	91
42) 1,2-Dichloroethane	8.158	62	236144	53.442	ug/l	99
43) Isopropyl Acetate	8.201	43	204043	47.742	ug/l	99
44) Trichloroethene	8.872	130	270820	54.004	ug/l	99
45) 1,2-Dichloropropane	9.140	63	217532	57.482	ug/l	98
46) Dibromomethane	9.231	93	128116	53.538	ug/l	98
47) Bromodichloromethane	9.426	83	341977	56.743	ug/l	99
48) Methyl methacrylate	9.225	41	98890	49.252	ug/l	97
49) 1,4-Dioxane	9.231	88	25774	928.969	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	552309	250.121	ug/l	99
52) Toluene	10.170	92	631102	56.731	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	284401	54.271	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	343580	55.551	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	175179	54.438	ug/l	97
56) Ethyl methacrylate	10.438	69	195993	52.801	ug/l	99
57) 1,3-Dichloropropane	10.719	76	278103	54.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	434206	261.121	ug/l	98
59) 2-Hexanone	10.762	43	392649	248.819	ug/l	99
60) Dibromochloromethane	10.914	129	244248	54.138	ug/l	99
61) 1,2-Dibromoethane	11.018	107	161019	52.467	ug/l	99
64) Tetrachloroethene	10.646	164	330471	53.734	ug/l	96
65) Chlorobenzene	11.444	112	710474	54.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	256006	55.455	ug/l	98
67) Ethyl Benzene	11.518	91	1201554	57.300	ug/l	99
68) m/p-Xylenes	11.627	106	954497	113.484	ug/l	98
69) o-Xylene	11.956	106	442584	56.100	ug/l	98
70) Styrene	11.969	104	743016	57.272	ug/l	99
71) Bromoform	12.133	173	144743	50.547	ug/l	99
73) Isopropylbenzene	12.255	105	1174672	57.452	ug/l	99
74) N-amyl acetate	12.072	43	169550	46.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	166253	49.715	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	230819	84.324	ug/l #	100
77) Bromobenzene	12.530	156	290562	53.455	ug/l	98
78) n-propylbenzene	12.597	91	1387644	58.648	ug/l	99
79) 2-Chlorotoluene	12.682	91	790048	57.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	968283	58.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	55268	49.512	ug/l	97
82) 4-Chlorotoluene	12.780	91	818071	57.330	ug/l	99
83) tert-Butylbenzene	12.999	119	876173	57.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	955742	57.963	ug/l	99
85) sec-Butylbenzene	13.176	105	1263491	57.738	ug/l	99
86) p-Isopropyltoluene	13.292	119	1078678	57.895	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	577534	54.562	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	554490	53.040	ug/l	99
89) n-Butylbenzene	13.615	91	939971	57.900	ug/l	99
90) Hexachloroethane	13.883	117	221593	55.297	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	495479	53.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	25290	46.090	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	280352	48.459	ug/l	99
94) Hexachlorobutadiene	15.023	225	186418	51.691	ug/l	99
95) Naphthalene	15.145	128	401468	43.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	230552	46.008	ug/l	99

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ClientSampleId :
VSTDCCC050

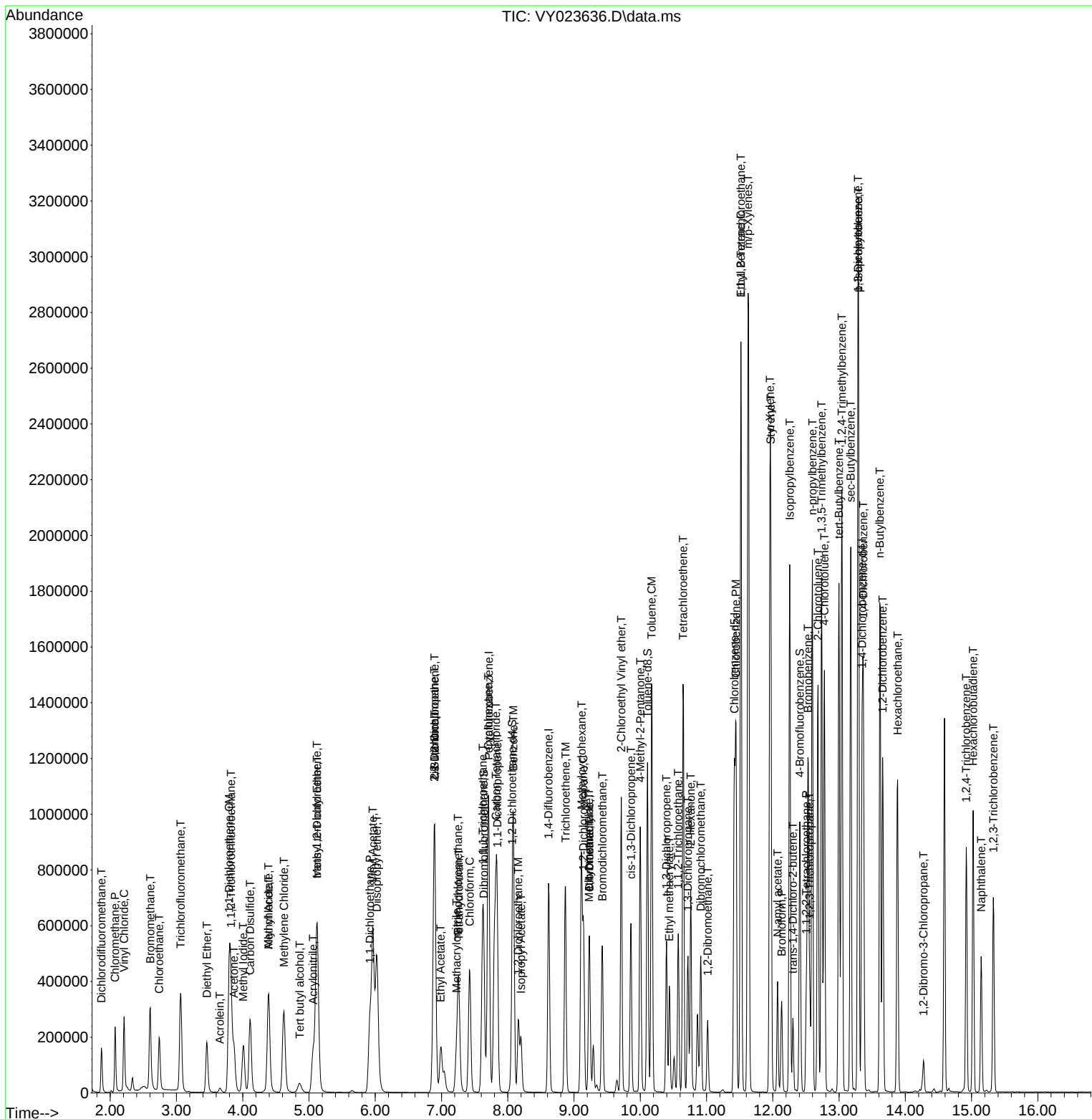
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

Instrument :
MSVOA_Y
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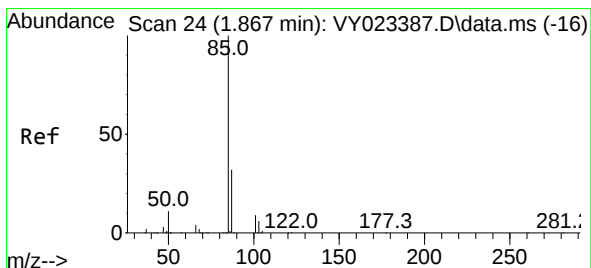
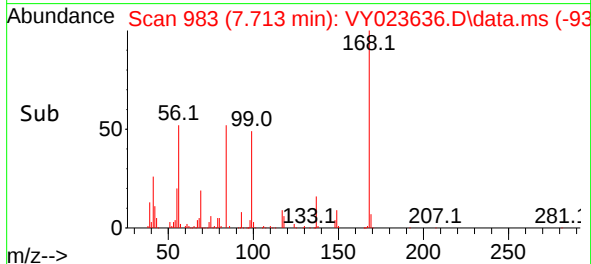
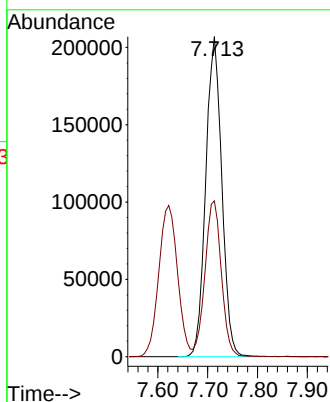
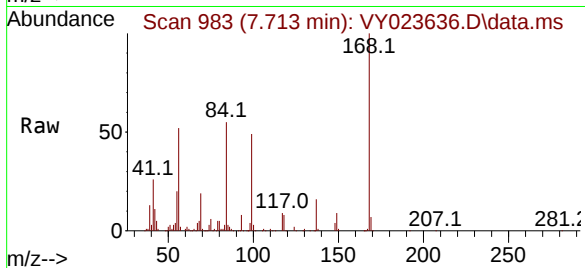




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

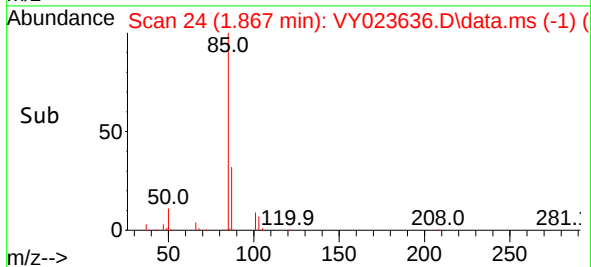
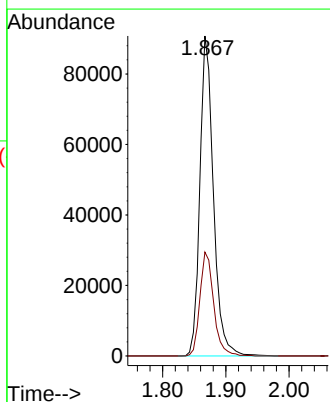
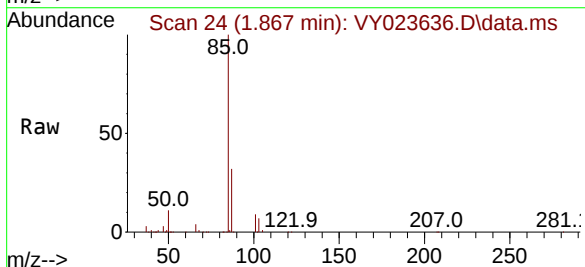
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

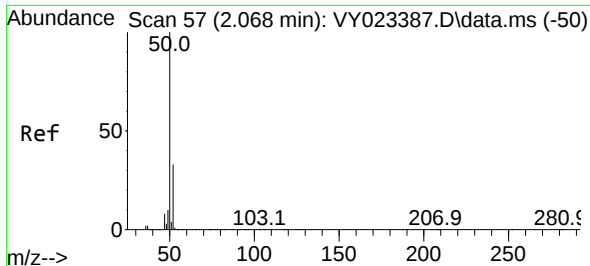
Tgt Ion:168 Resp: 461906
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 40.771 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 85 Resp: 135552
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9

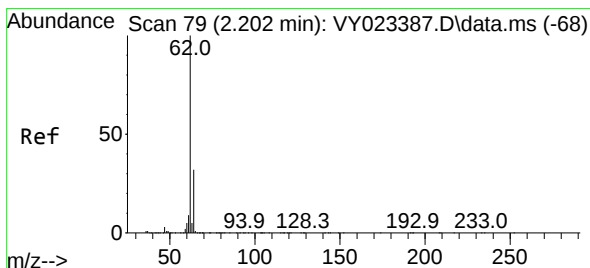
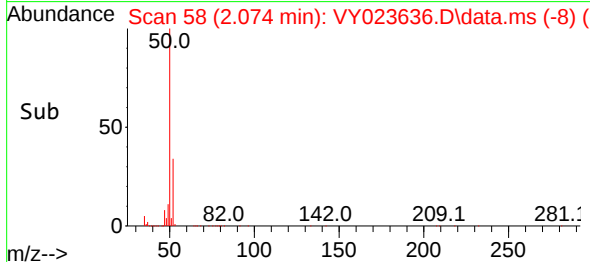
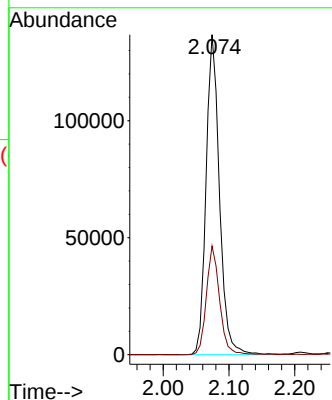
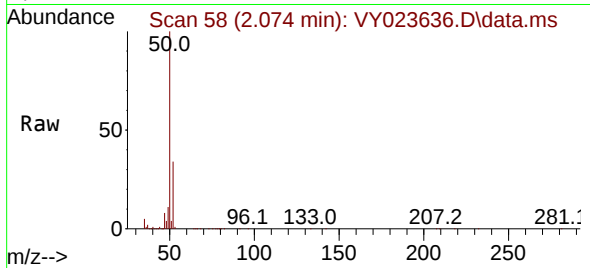




#3
Chloromethane
Concen: 42.785 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

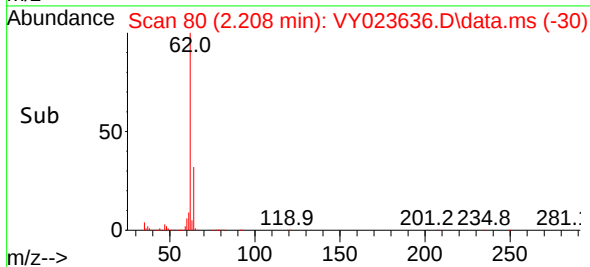
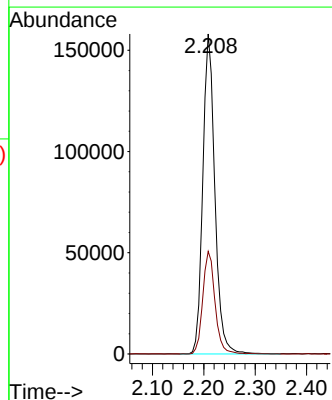
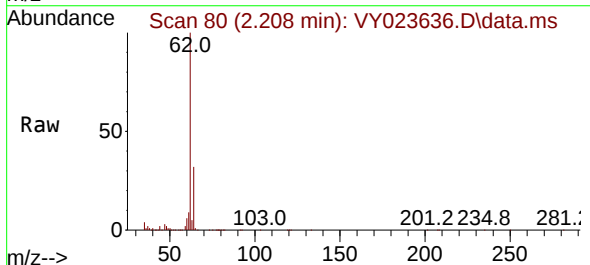
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 193781
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2



#4
Vinyl Chloride
Concen: 43.628 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 62 Resp: 257370
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8

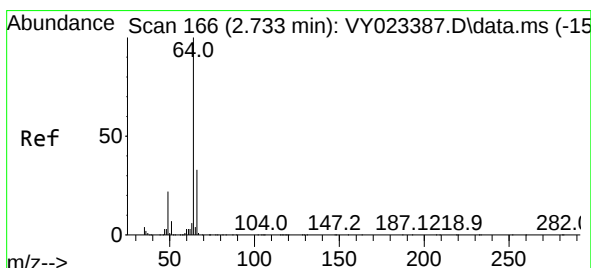
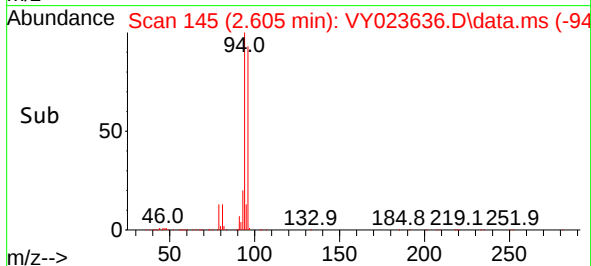
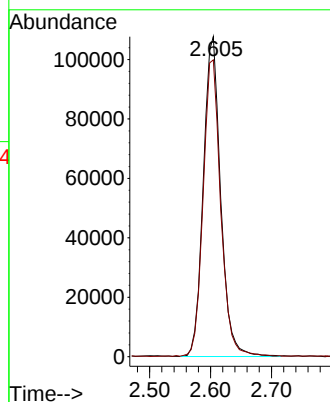
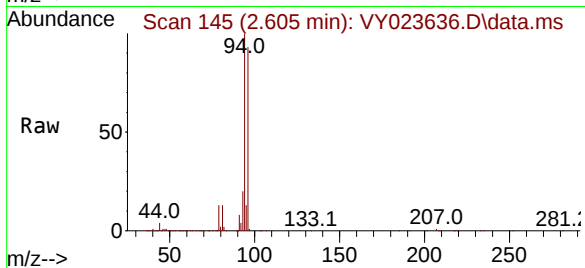




#5
Bromomethane
Concen: 43.027 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

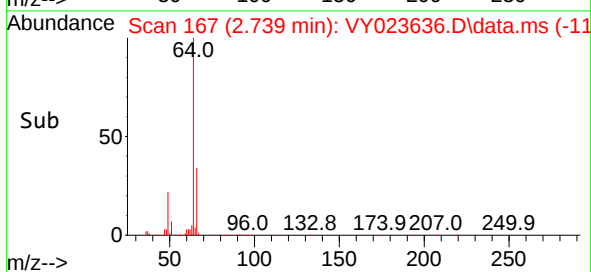
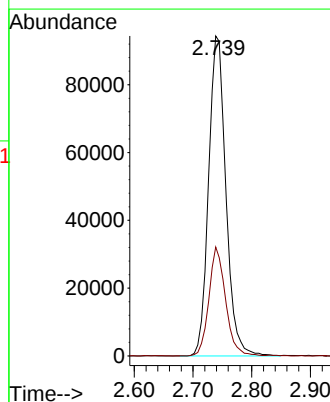
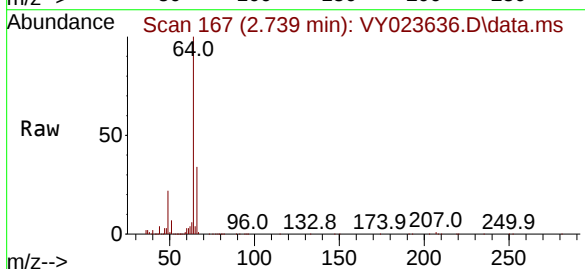
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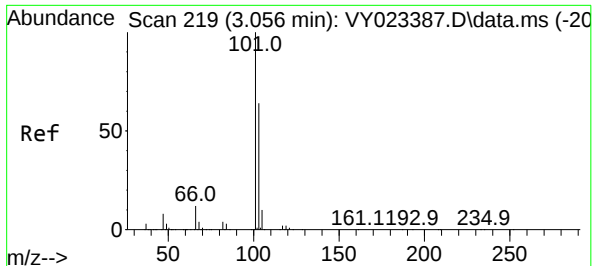
Tgt Ion: 94 Resp: 213008
Ion Ratio Lower Upper
94 100
96 92.6 74.5 111.7



#6
Chloroethane
Concen: 48.042 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 64 Resp: 193188
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4

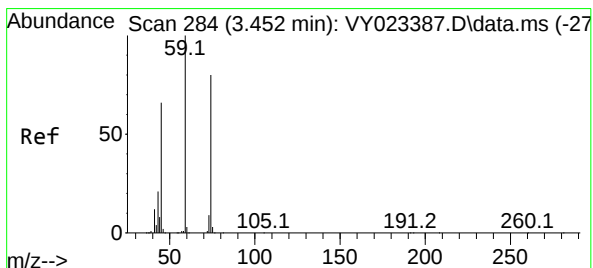
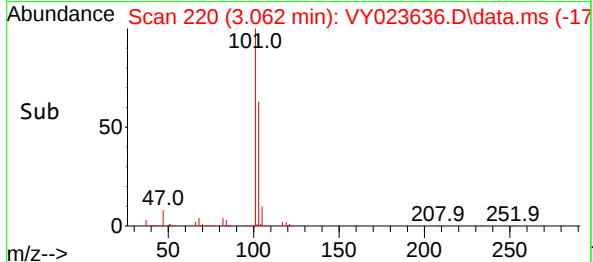
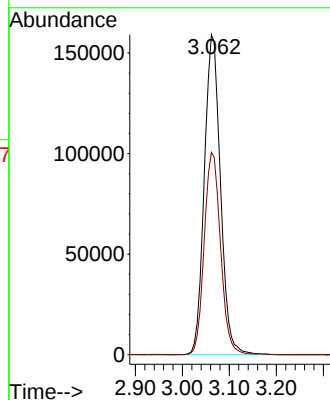
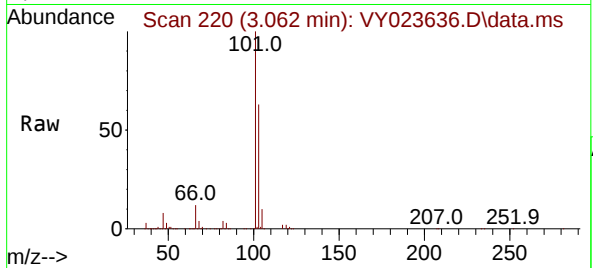




#7
Trichlorofluoromethane
Concen: 46.430 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023636.D
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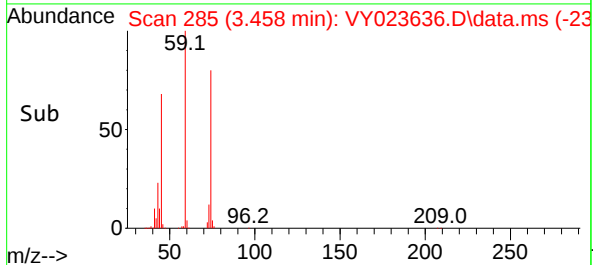
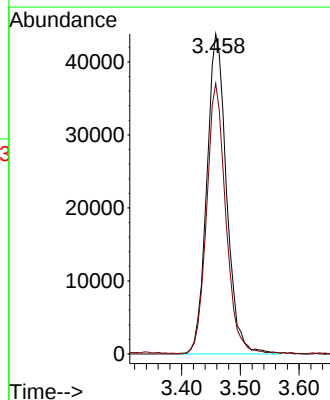
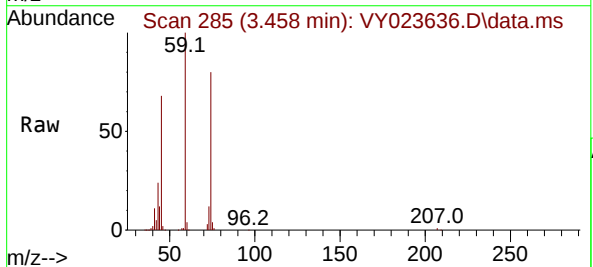
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 380303
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9



#8
Diethyl Ether
Concen: 47.814 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 74 Resp: 102337
Ion Ratio Lower Upper
74 100
45 81.7 39.9 119.7

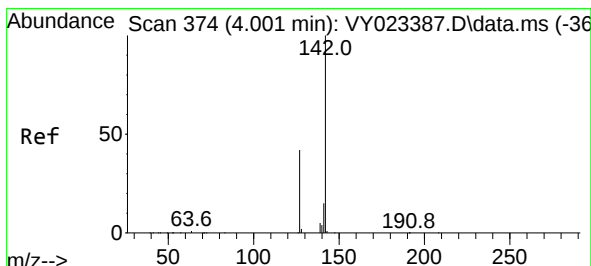
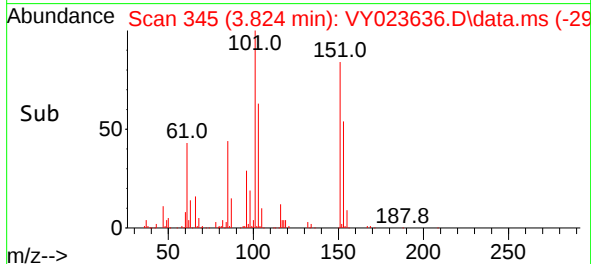
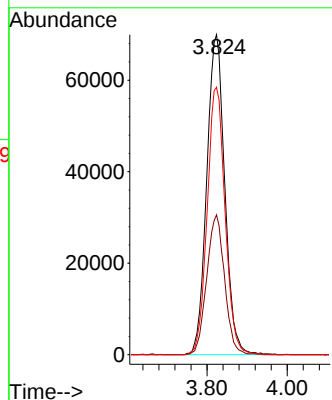
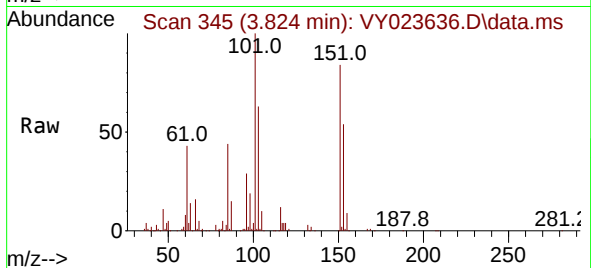




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.283 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023636.D
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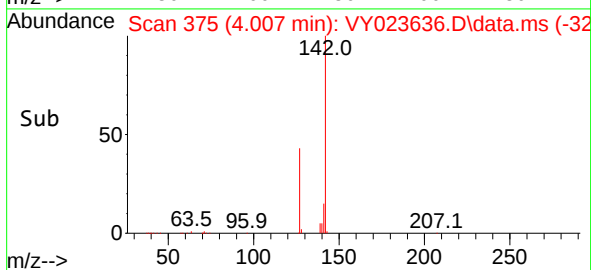
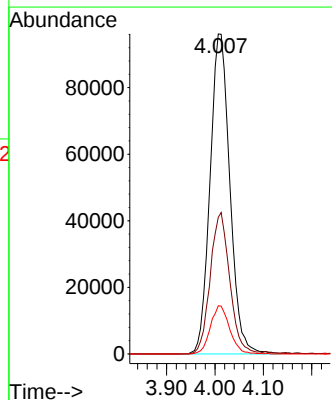
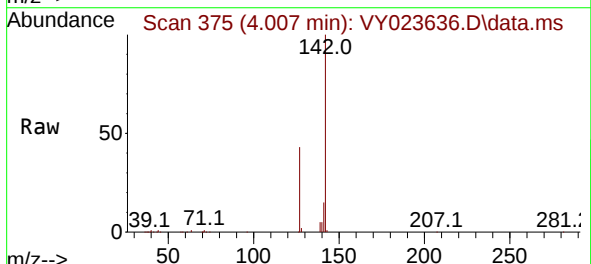
Instrument :
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Tgt Ion:101 Resp: 217973
Ion Ratio Lower Upper
101 100
85 43.4 34.6 51.8
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 57.819 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:142 Resp: 273590
Ion Ratio Lower Upper
142 100
127 43.5 34.8 52.2
141 14.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 220.731 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

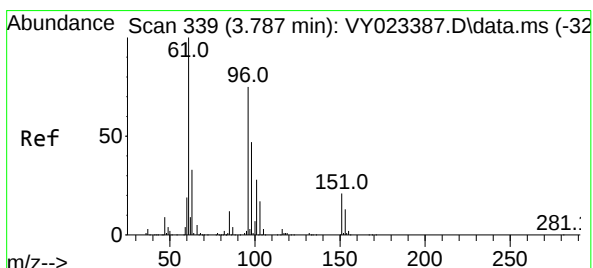
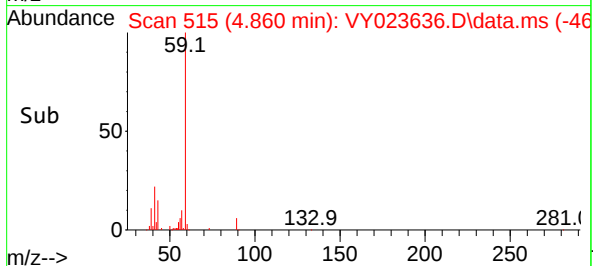
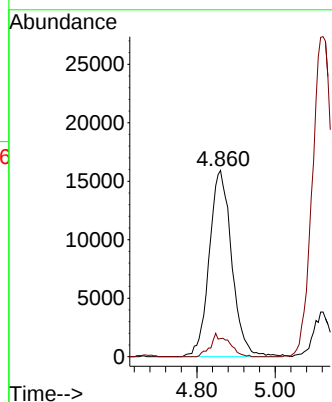
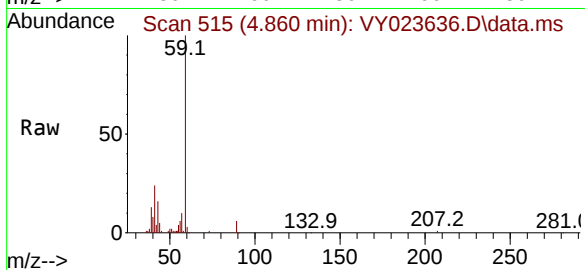
VSTDCCC050

Tgt Ion: 59 Resp: 63427

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 49.641 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

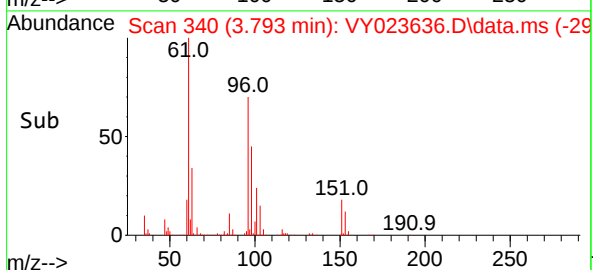
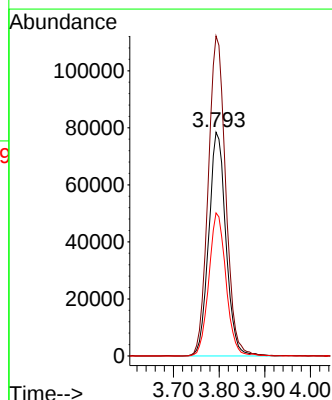
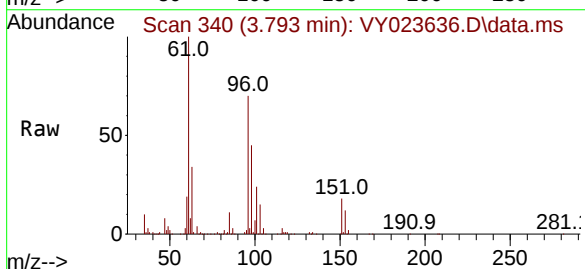
Tgt Ion: 96 Resp: 204537

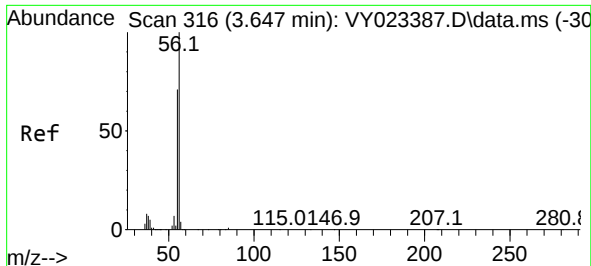
Ion Ratio Lower Upper

96 100

61 143.1 106.7 160.1

98 64.0 50.2 75.4

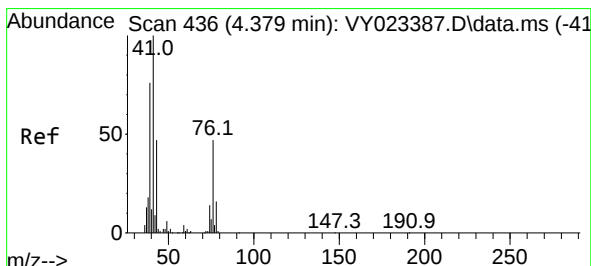
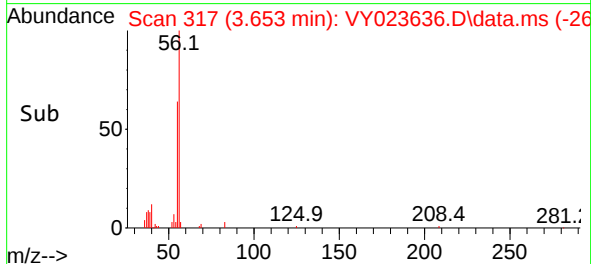
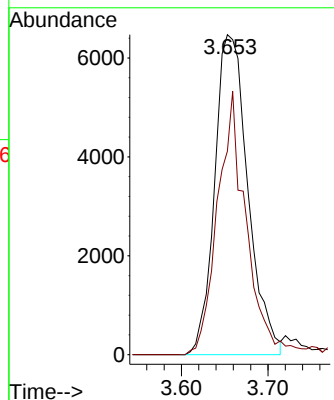
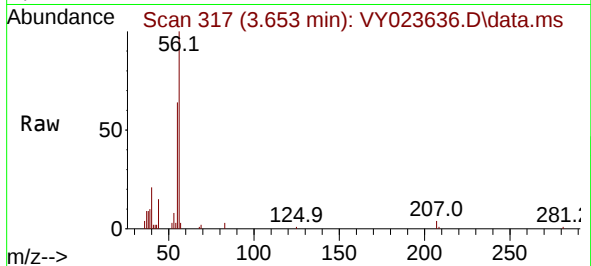




#13
Acrolein
Concen: 42.470 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

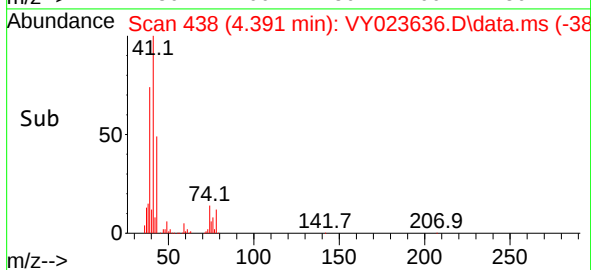
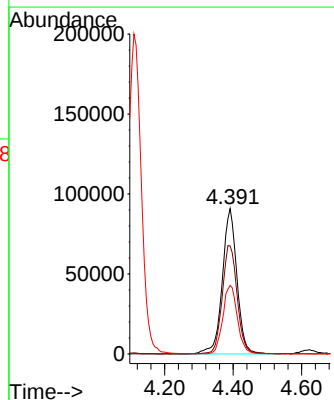
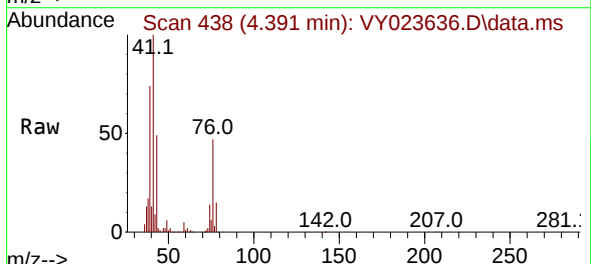
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

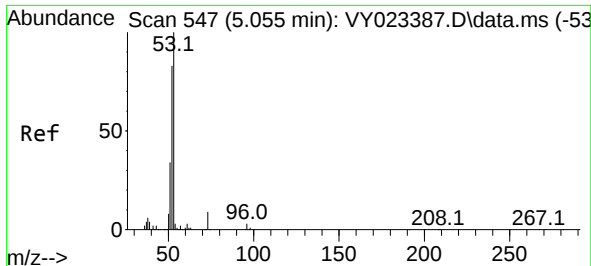
Tgt Ion: 56 Resp: 17244
Ion Ratio Lower Upper
56 100
55 70.9 56.1 84.1



#14
Allyl chloride
Concen: 53.340 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 41 Resp: 267846
Ion Ratio Lower Upper
41 100
39 76.4 59.9 89.9
76 46.7 38.0 57.0

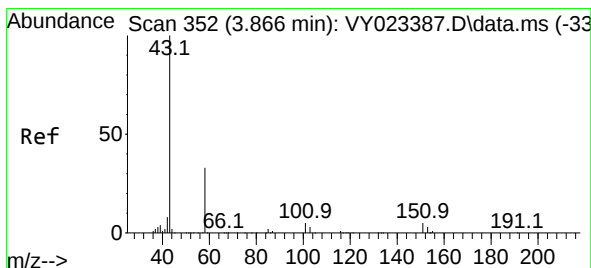
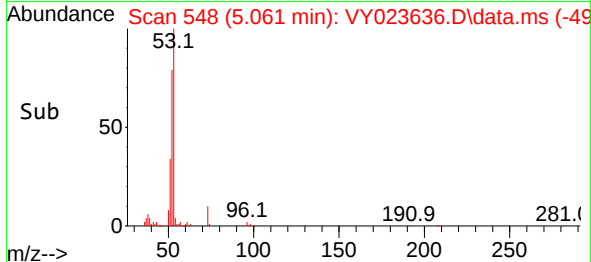
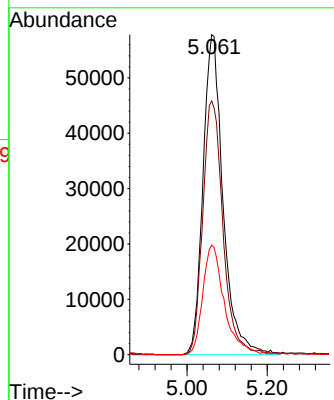
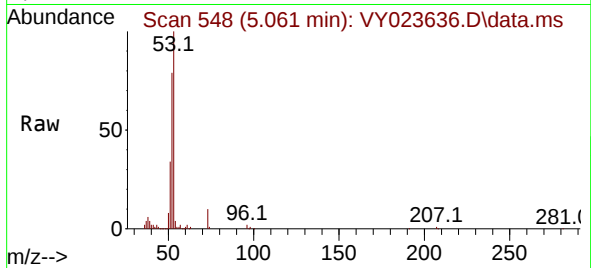




#15
Acrylonitrile
Concen: 244.939 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

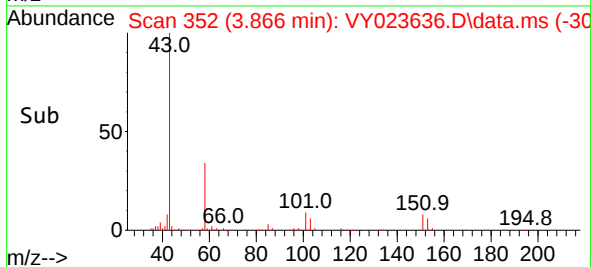
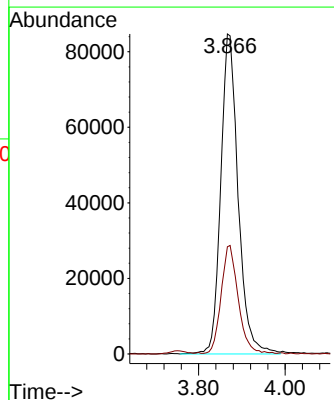
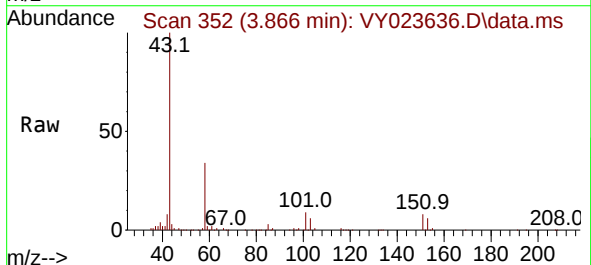
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

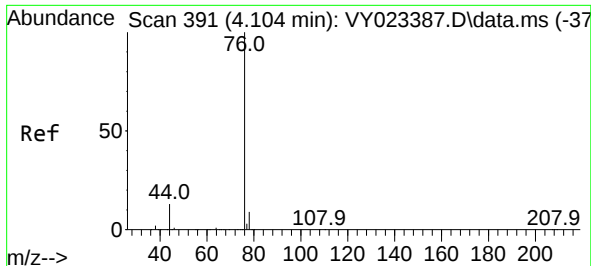
Tgt Ion: 53 Resp: 200628
Ion Ratio Lower Upper
53 100
52 79.8 64.6 97.0
51 36.6 29.5 44.3



#16
Acetone
Concen: 257.343 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 43 Resp: 236639
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5

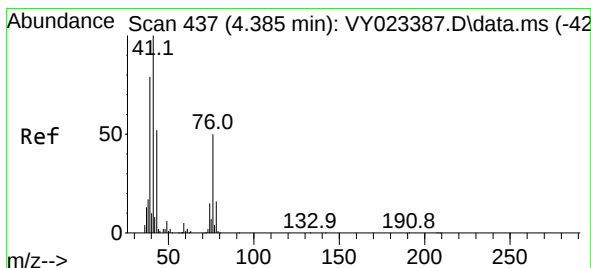
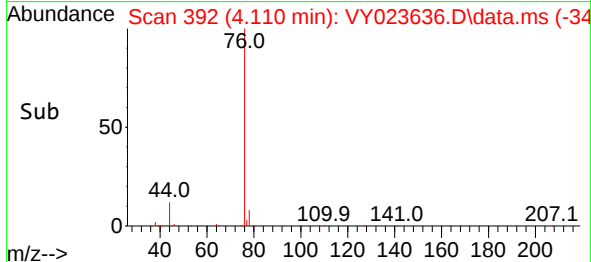
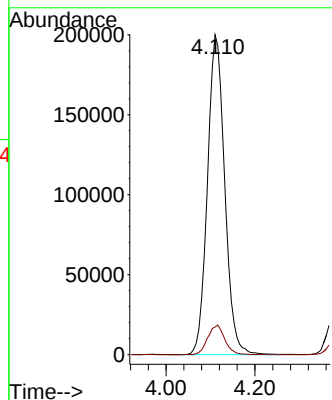
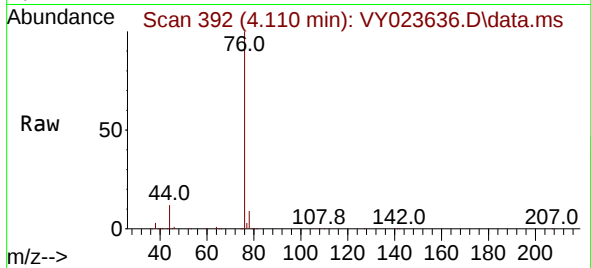




#17
Carbon Disulfide
Concen: 45.909 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

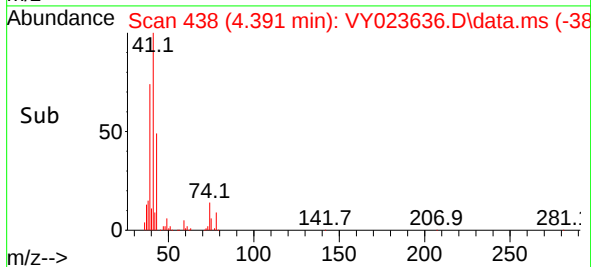
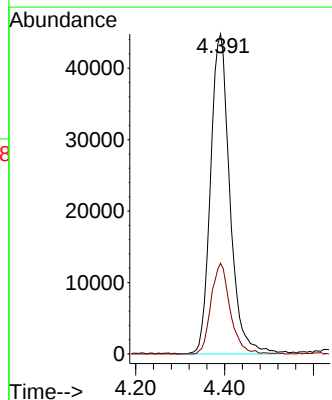
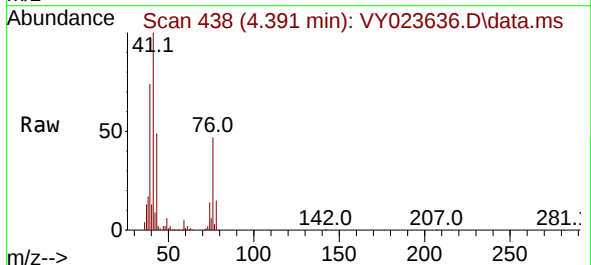
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 541395
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 55.996 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 43 Resp: 135072
Ion Ratio Lower Upper
43 100
74 28.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 50.861 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

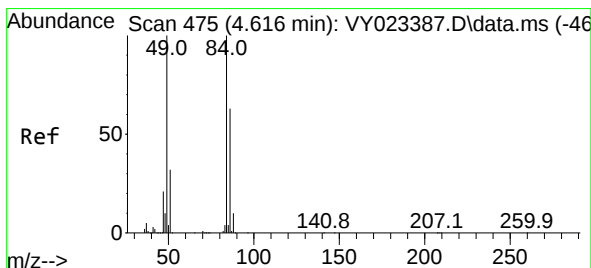
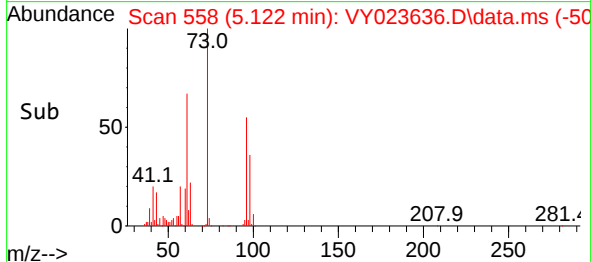
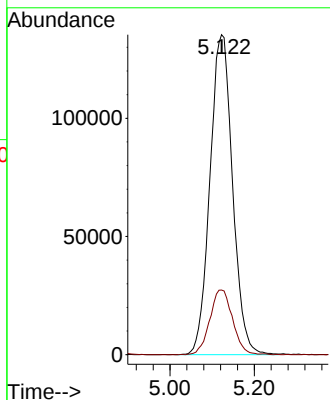
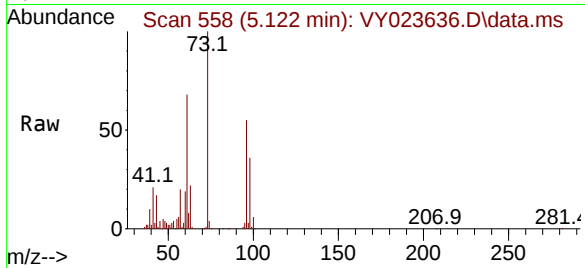
VSTDCCC050

Tgt Ion: 73 Resp: 503670

Ion Ratio Lower Upper

73 100

57 20.2 17.4 26.0



#20

Methylene Chloride

Concen: 47.546 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion: 84 Resp: 236416

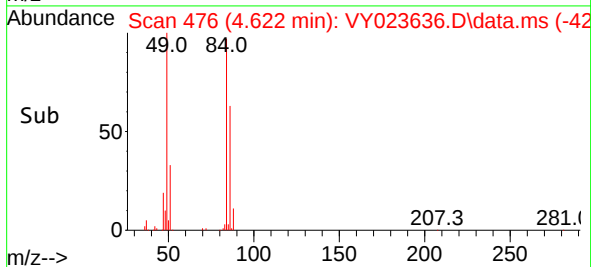
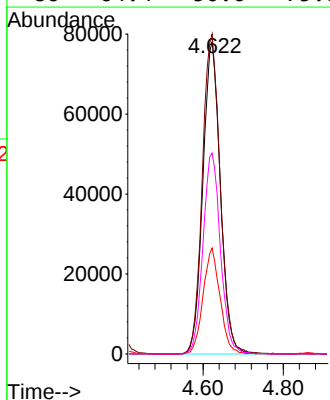
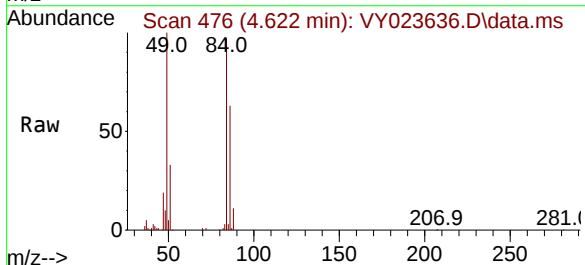
Ion Ratio Lower Upper

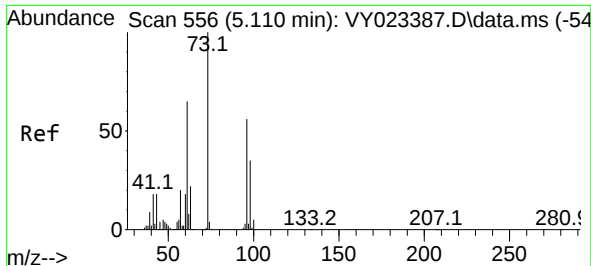
84 100

49 102.6 80.2 120.4

51 34.0 25.9 38.9

86 64.4 50.6 75.8

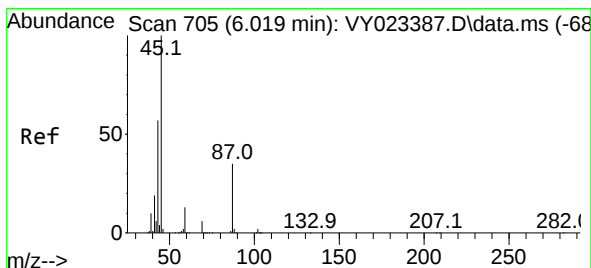
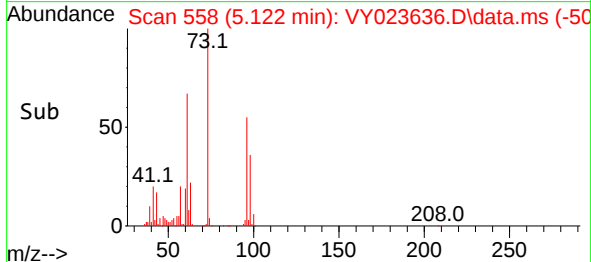
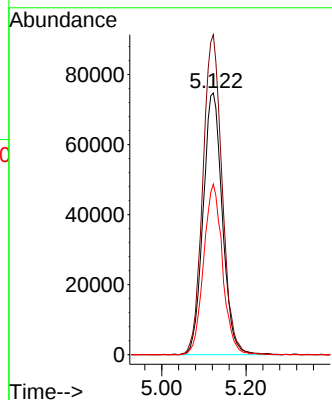
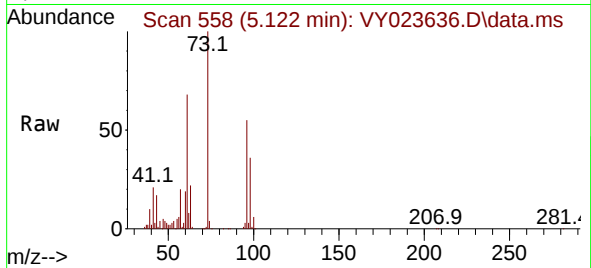




#21
trans-1,2-Dichloroethene
Concen: 52.385 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

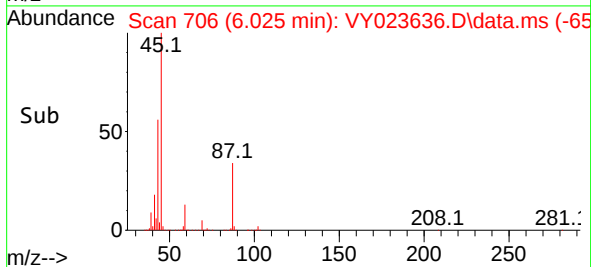
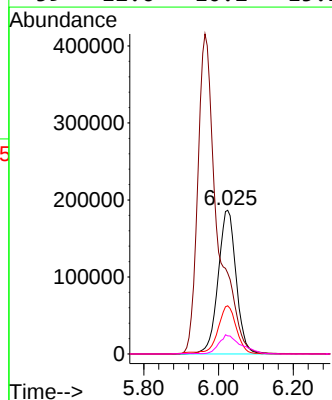
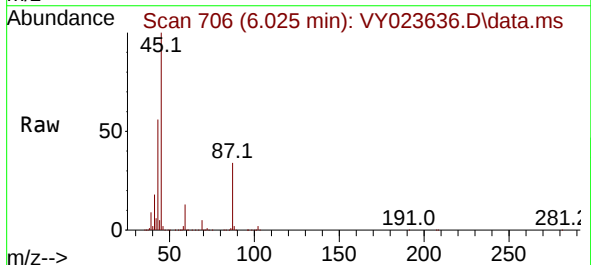
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 237635
Ion Ratio Lower Upper
96 100
61 122.2 92.7 139.1
98 65.1 49.7 74.5



#22
Diisopropyl ether
Concen: 56.249 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 45 Resp: 624784
Ion Ratio Lower Upper
45 100
43 56.1 45.6 68.4
87 33.5 28.1 42.1
59 12.6 10.2 15.2

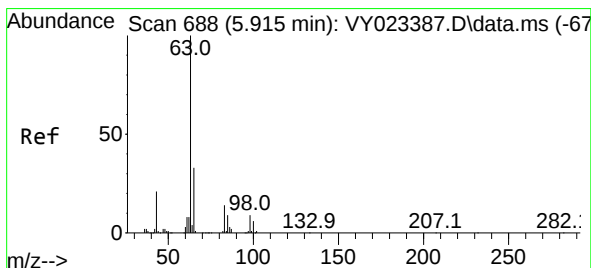
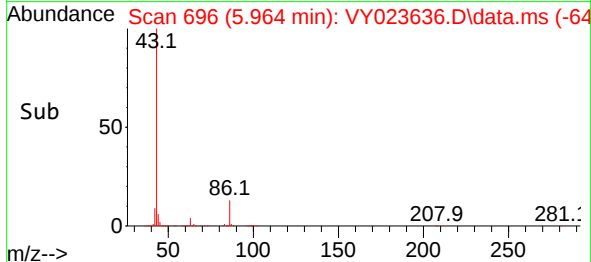
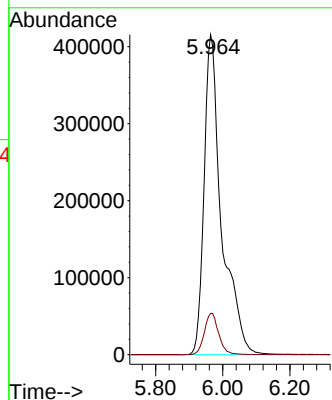
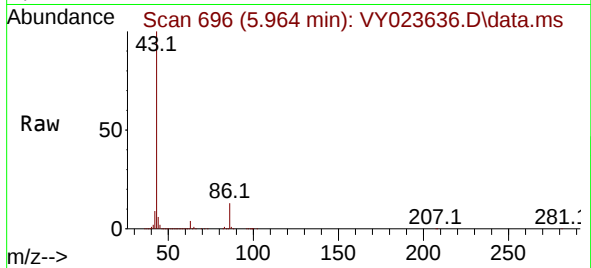




#23
 Vinyl Acetate
 Concen: 250.309 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

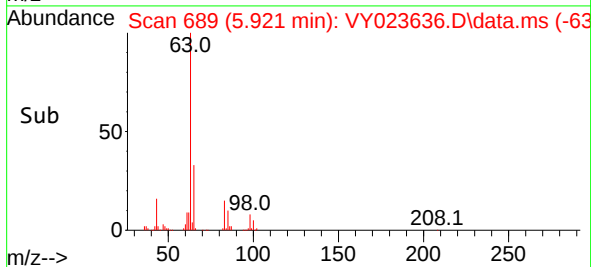
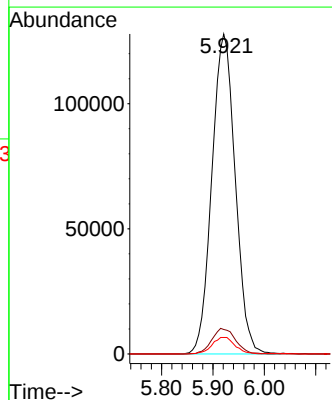
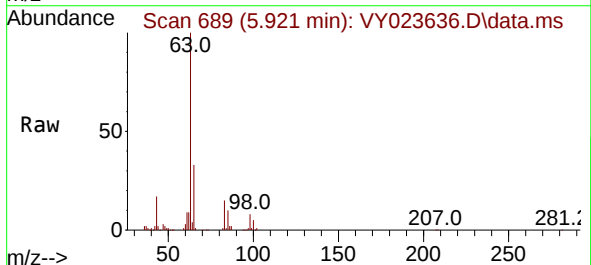
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1504905
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 54.894 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

Tgt Ion: 63 Resp: 403888
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 13.1
 100 5.2 2.8 8.4





#25

2-Butanone

Concen: 236.045 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

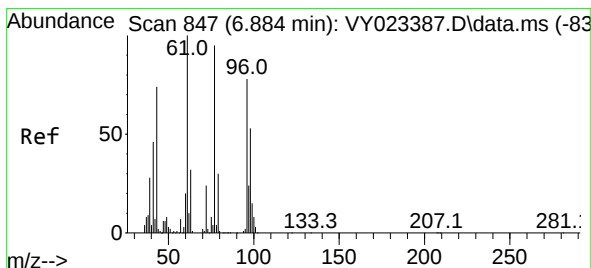
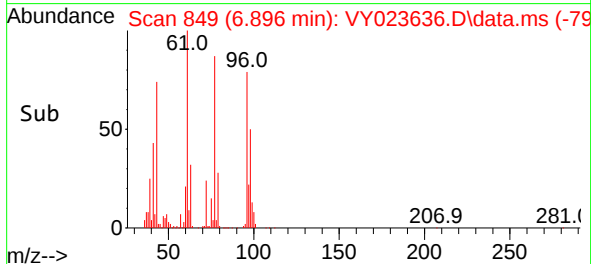
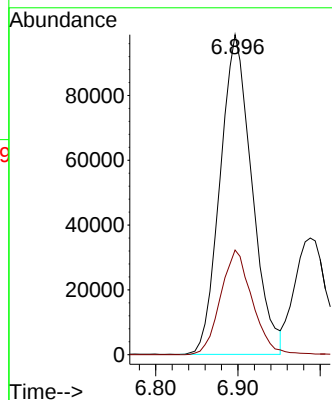
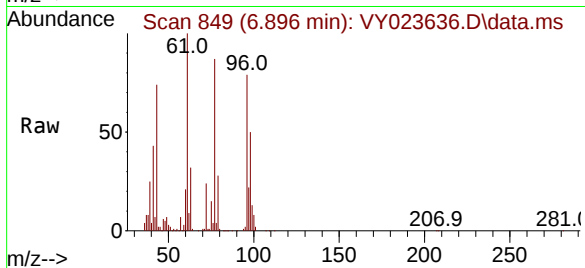
VSTDCCC050

Tgt Ion: 43 Resp: 264989

Ion Ratio Lower Upper

43 100

72 32.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 55.444 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023636.D

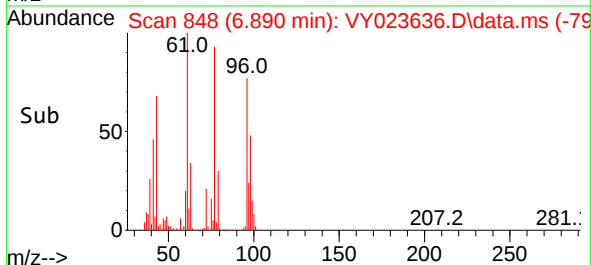
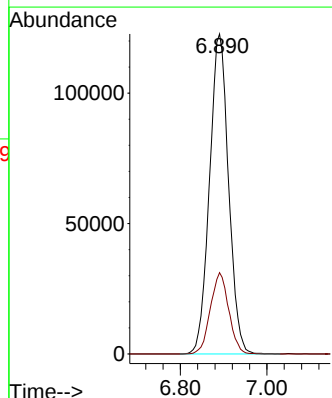
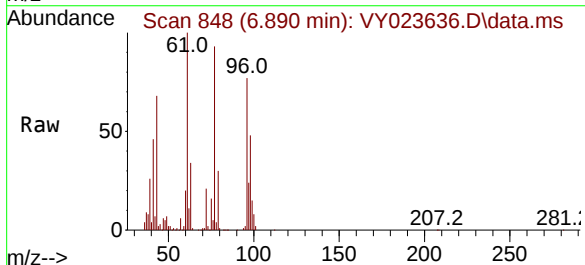
Acq: 31 Oct 2025 08:50

Tgt Ion: 77 Resp: 374320

Ion Ratio Lower Upper

77 100

97 24.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 54.841 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

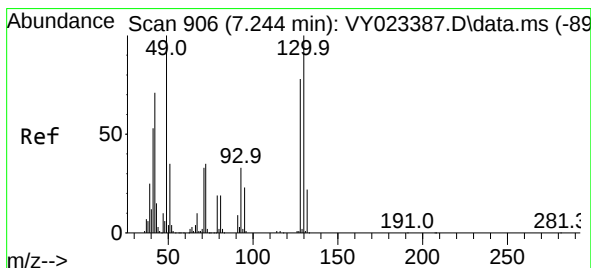
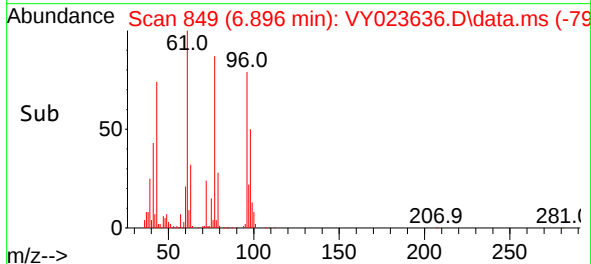
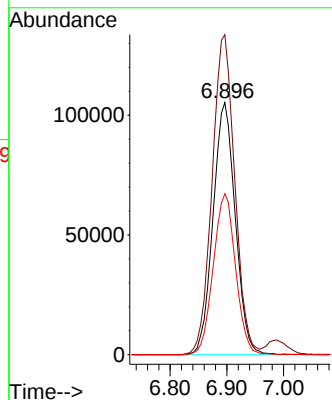
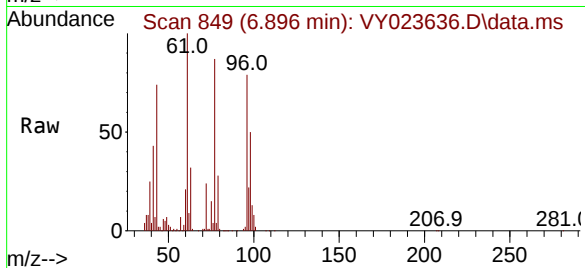
Tgt Ion: 96 Resp: 287368

Ion Ratio Lower Upper

96 100

61 129.1 0.0 258.2

98 63.9 0.0 132.0



#28

Bromochloromethane

Concen: 48.160 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

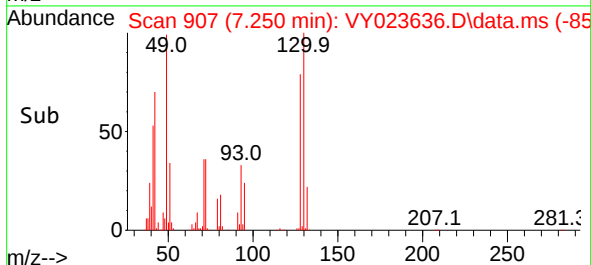
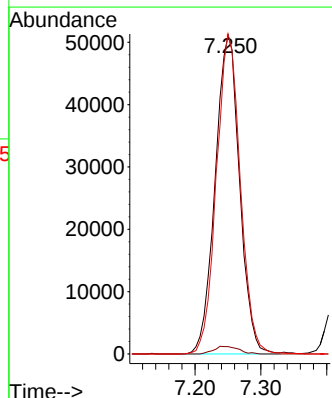
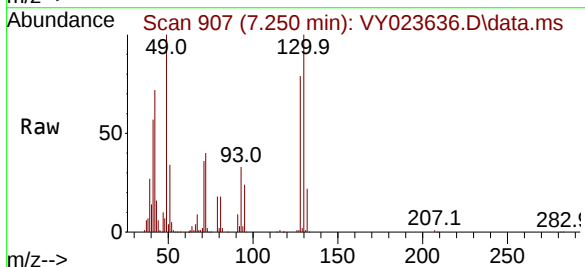
Tgt Ion: 49 Resp: 132281

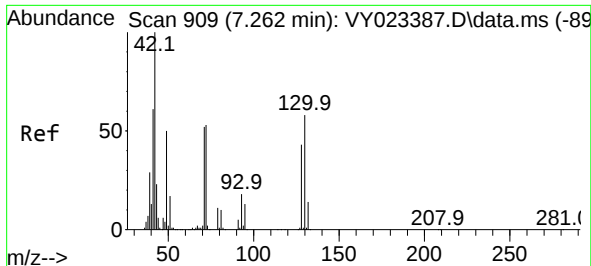
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.6

130 98.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 230.008 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

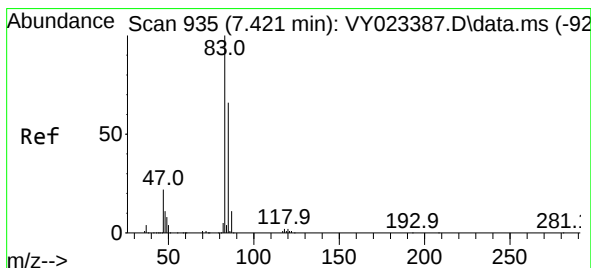
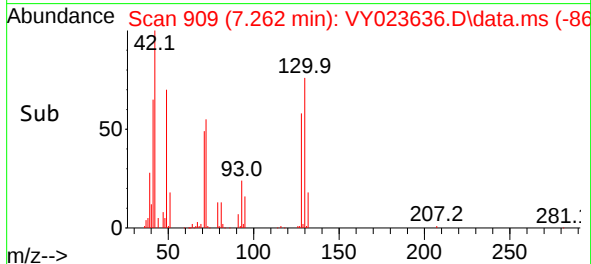
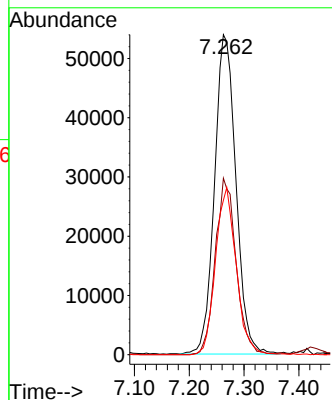
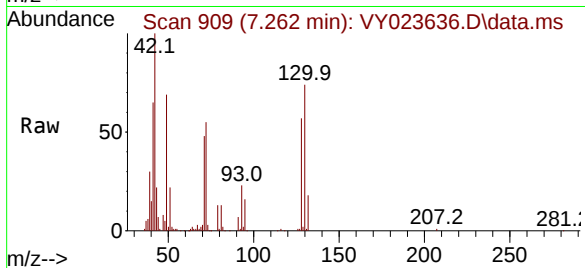
Tgt Ion: 42 Resp: 146424

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.6

71 50.7 40.1 60.1



#30

Chloroform

Concen: 55.898 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023636.D

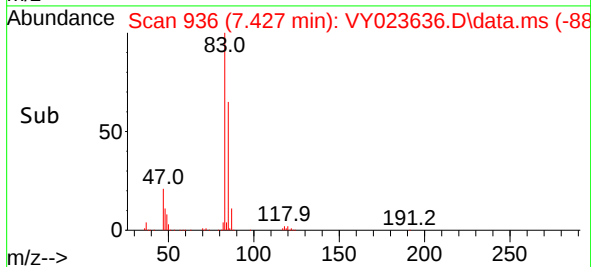
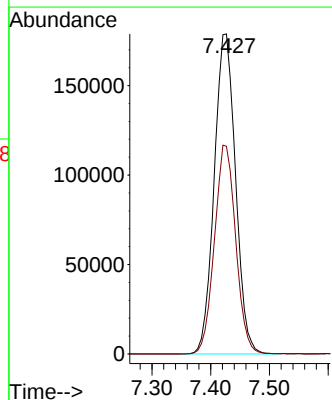
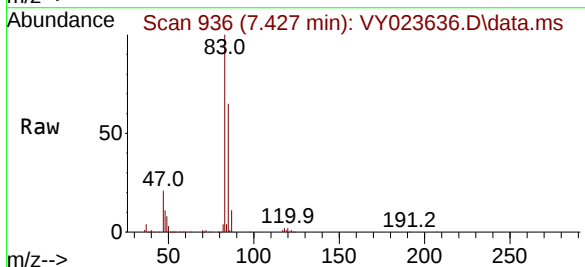
Acq: 31 Oct 2025 08:50

Tgt Ion: 83 Resp: 451866

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7

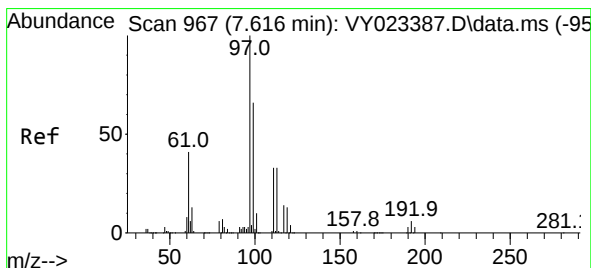
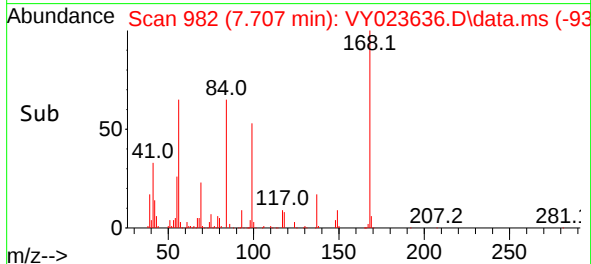
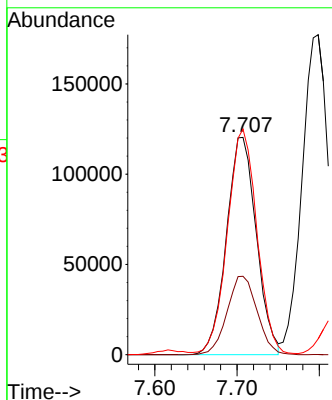
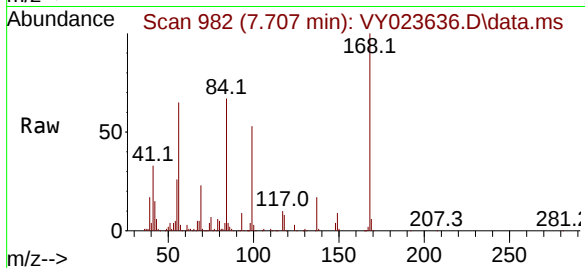




#31
Cyclohexane
Concen: 47.507 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

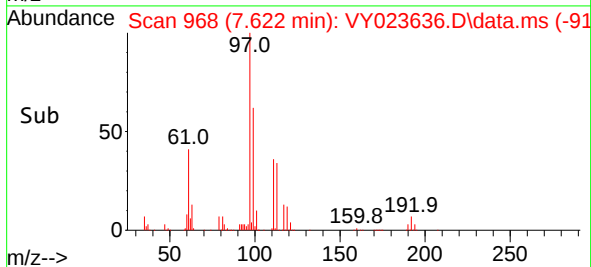
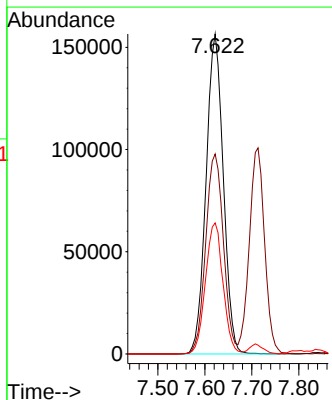
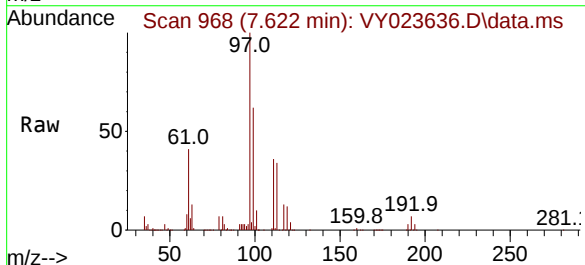
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 305251
Ion Ratio Lower Upper
56 100
69 36.1 30.0 45.0
84 102.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 54.167 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 97 Resp: 397925
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 41.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.181 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

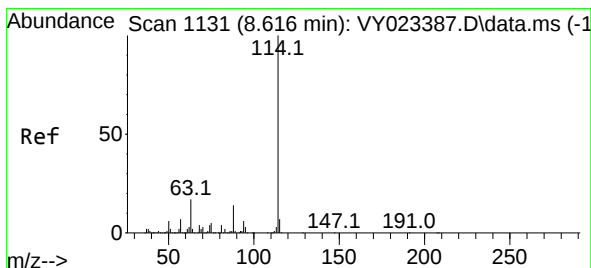
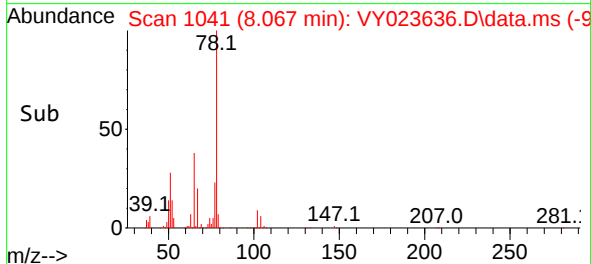
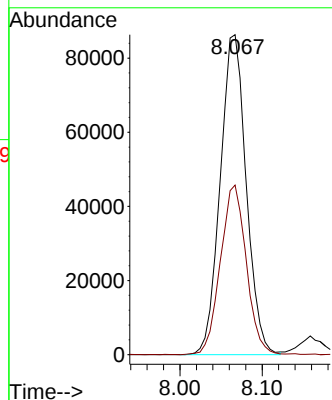
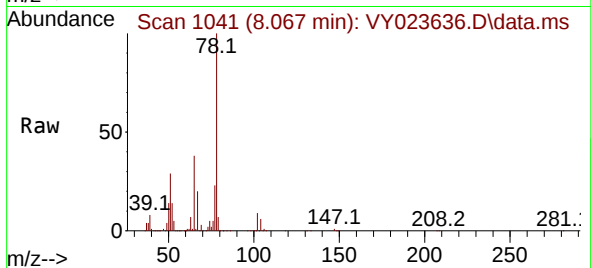
VSTDCCC050

Tgt Ion: 65 Resp: 189963

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

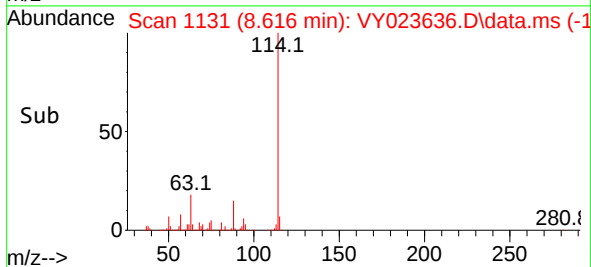
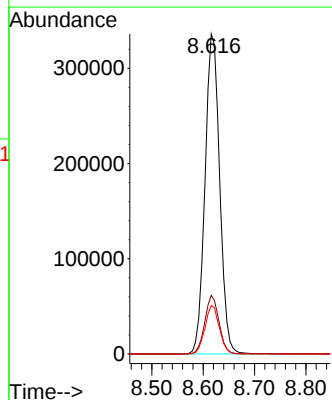
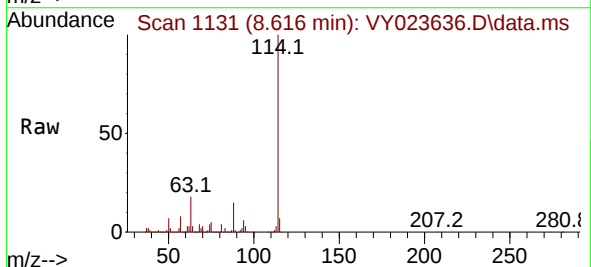
Tgt Ion: 114 Resp: 665068

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.2

88 15.1 0.0 28.4

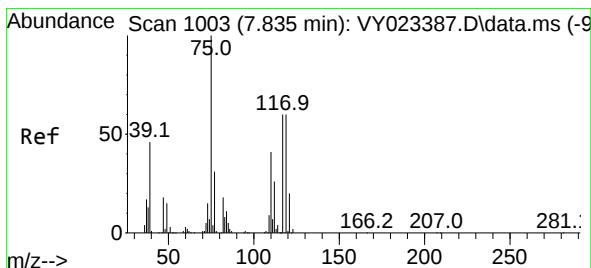
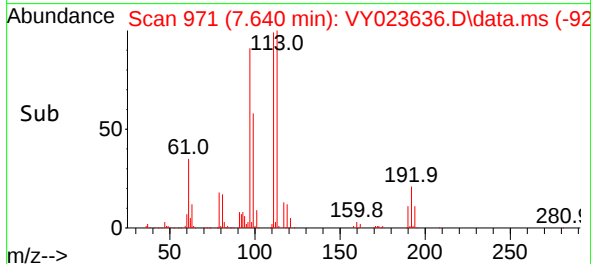
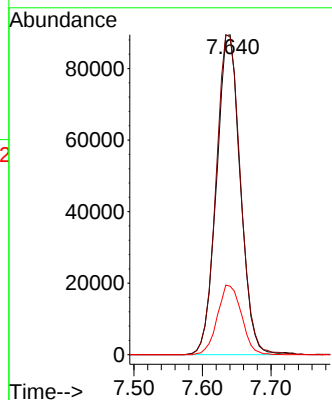
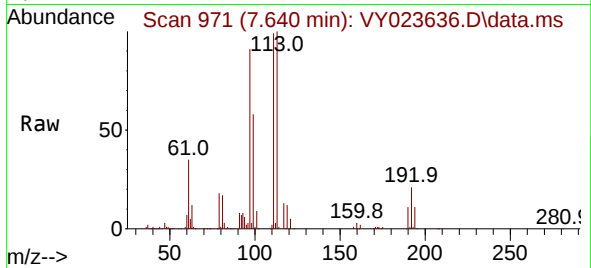




#35
Dibromofluoromethane
Concen: 52.681 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

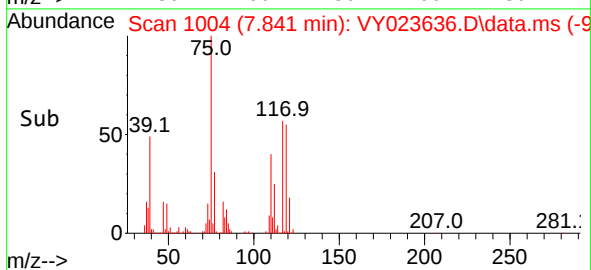
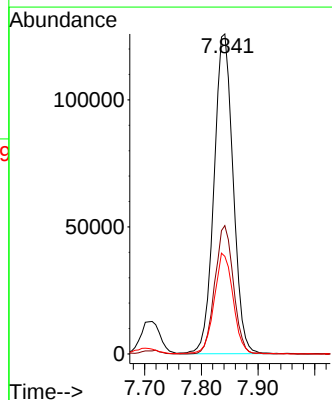
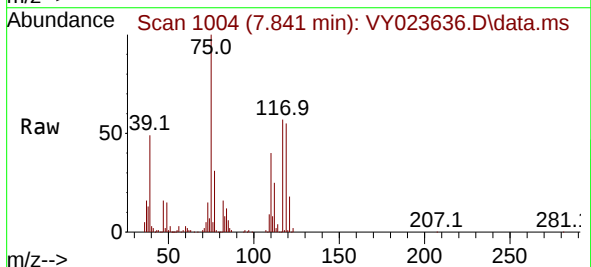
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

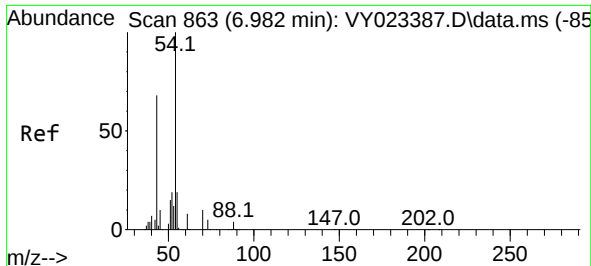
Tgt Ion:113 Resp: 215281
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 54.459 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 75 Resp: 294628
Ion Ratio Lower Upper
75 100
110 39.1 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 46.901 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

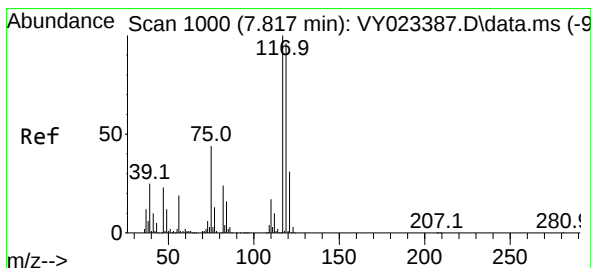
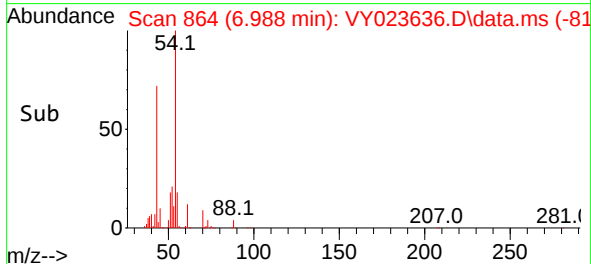
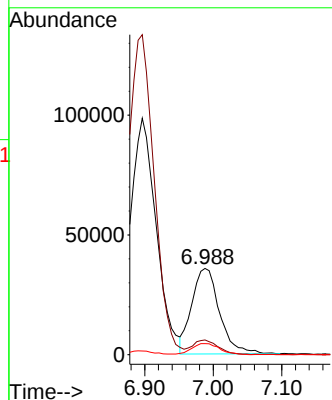
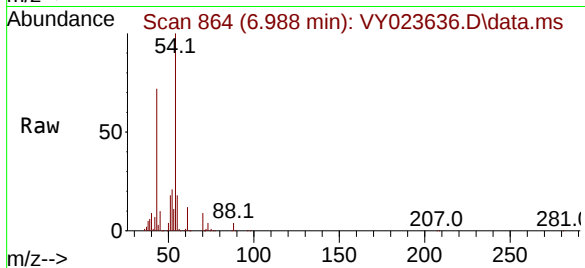
Tgt Ion: 43 Resp: 100526

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.8

70 13.0 10.5 15.7



#38

Carbon Tetrachloride

Concen: 54.339 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

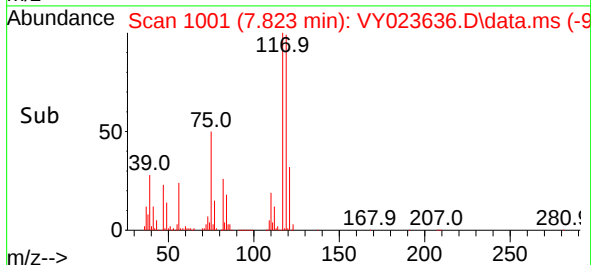
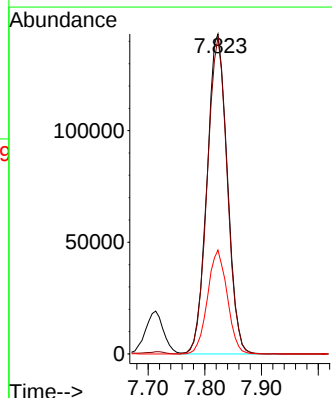
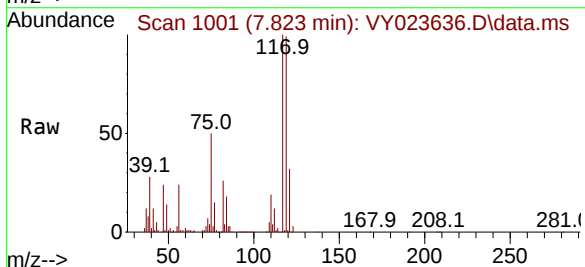
Tgt Ion: 117 Resp: 356470

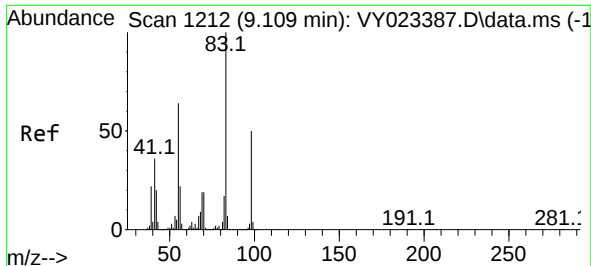
Ion Ratio Lower Upper

117 100

119 98.9 76.8 115.2

121 32.5 24.5 36.7





#39

Methylcyclohexane

Concen: 51.714 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

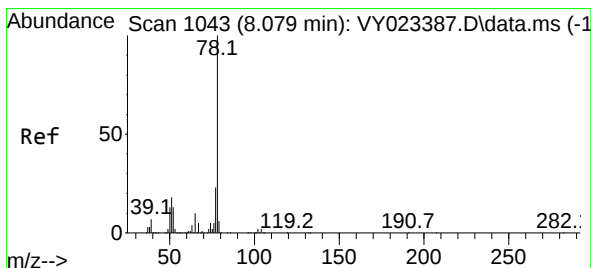
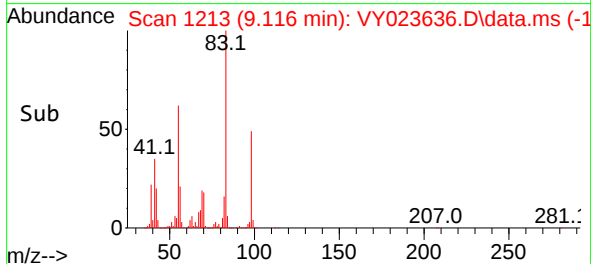
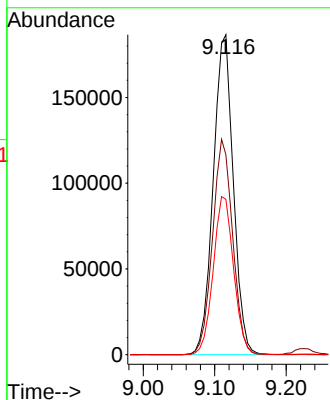
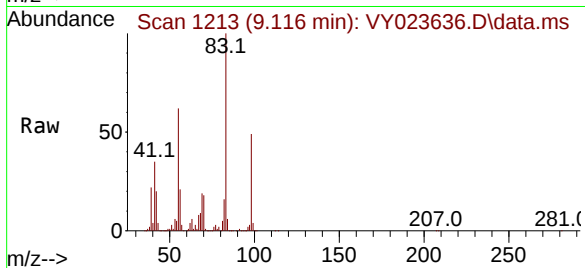
Tgt Ion: 83 Resp: 364277

Ion Ratio Lower Upper

83 100

55 62.5 51.4 77.2

98 48.5 40.4 60.6



#40

Benzene

Concen: 55.919 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023636.D

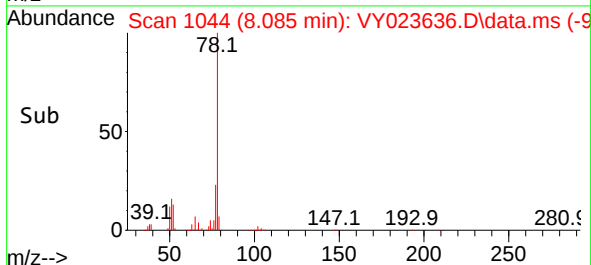
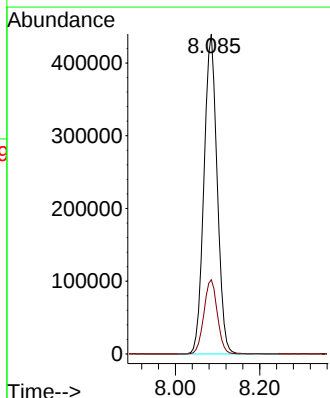
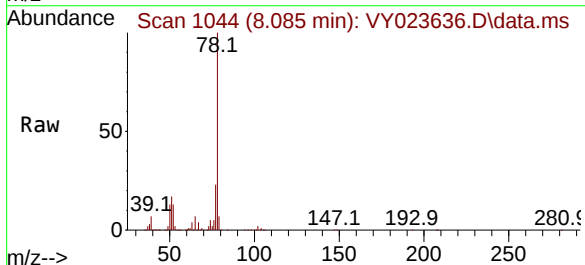
Acq: 31 Oct 2025 08:50

Tgt Ion: 78 Resp: 958091

Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5

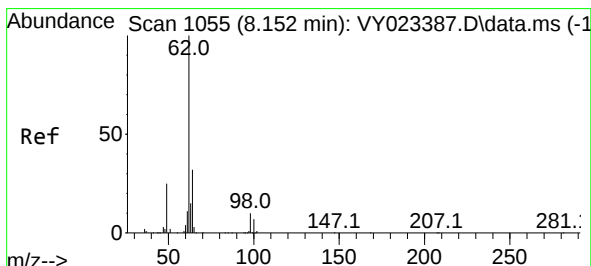
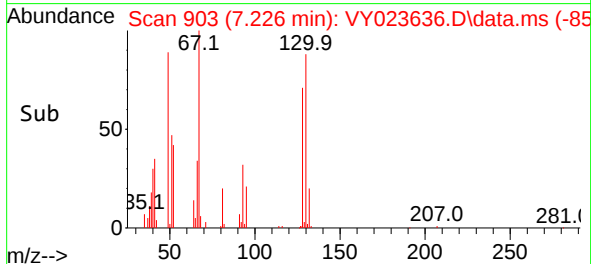
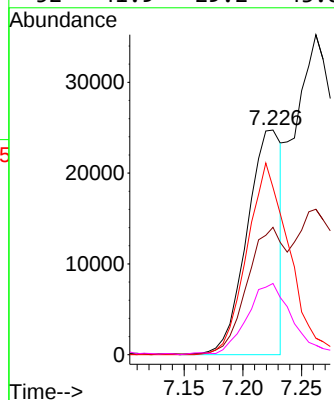
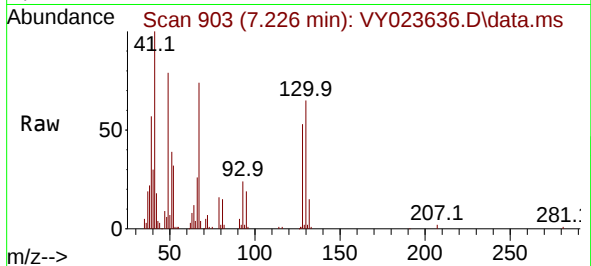




#41
Methacrylonitrile
Concen: 43.198 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

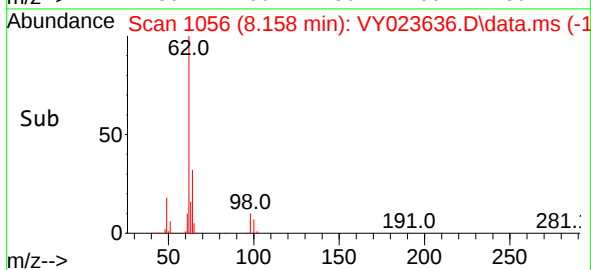
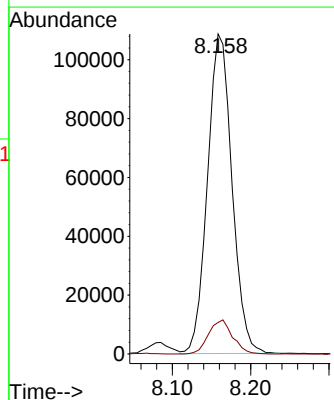
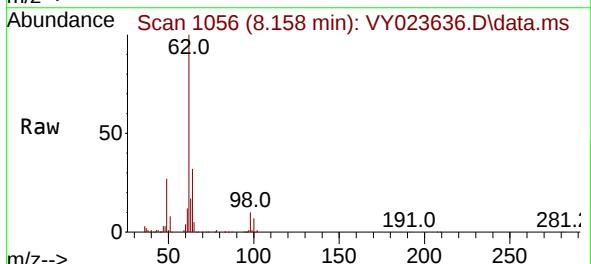
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

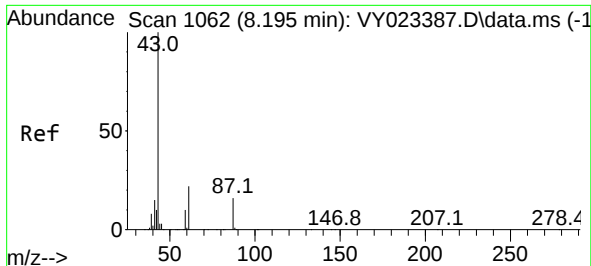
Tgt Ion:	41	Resp:	50075
Ion	Ratio	Lower	Upper
41	100		
39	63.5	52.2	78.4
67	105.8	74.9	112.3
52	41.9	29.2	43.8



#42
1,2-Dichloroethane
Concen: 53.442 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:	62	Resp:	236144
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.6

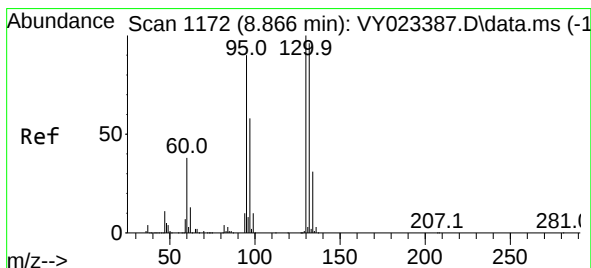
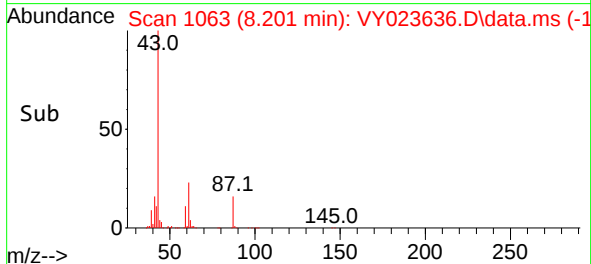
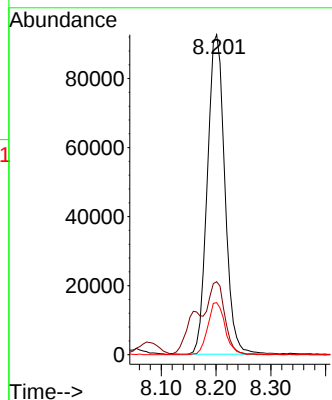
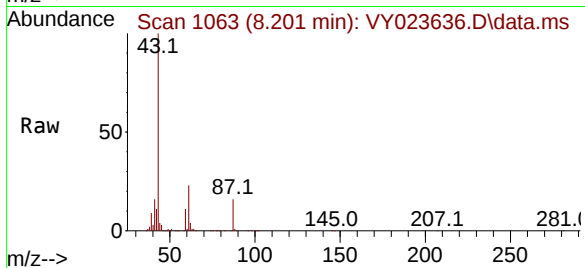




#43
Isopropyl Acetate
Concen: 47.742 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

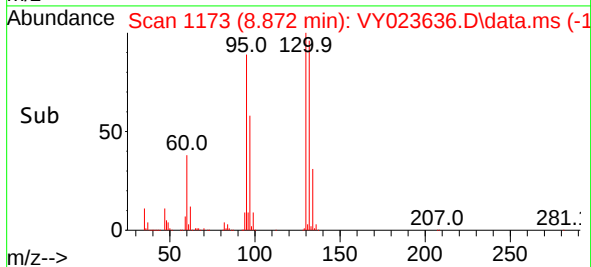
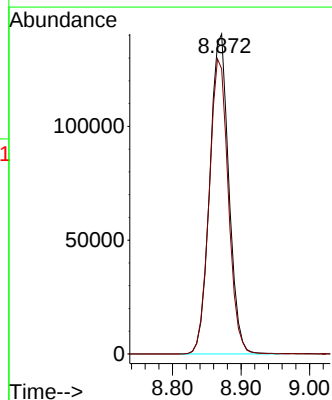
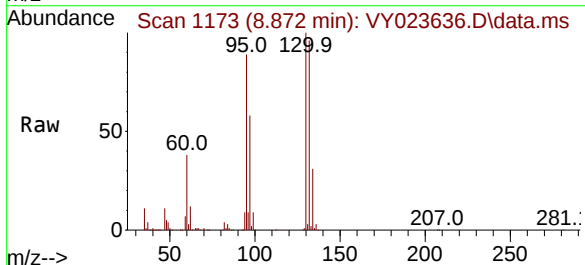
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

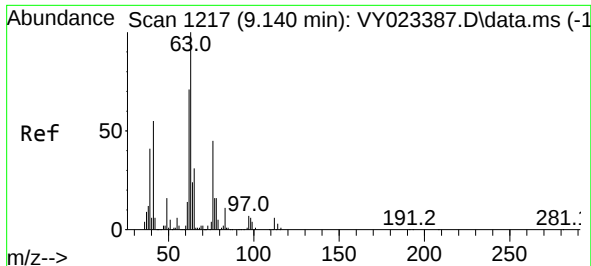
Tgt Ion: 43 Resp: 204043
Ion Ratio Lower Upper
43 100
61 22.0 18.1 27.1
87 16.2 13.5 20.3



#44
Trichloroethene
Concen: 54.004 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:130 Resp: 270820
Ion Ratio Lower Upper
130 100
95 89.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 57.482 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

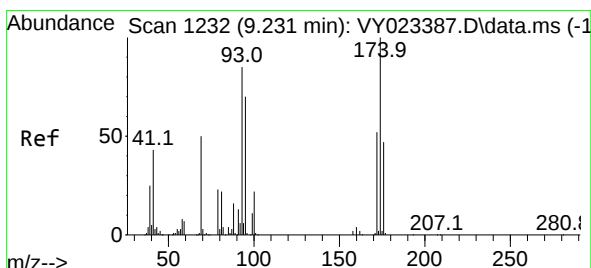
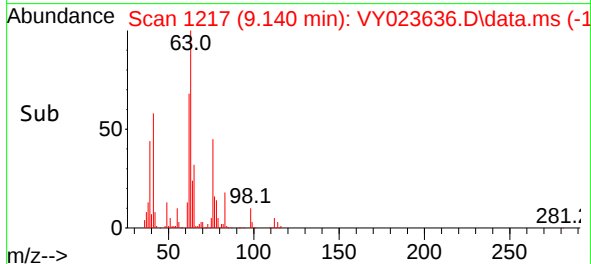
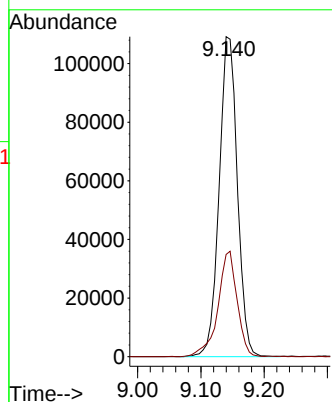
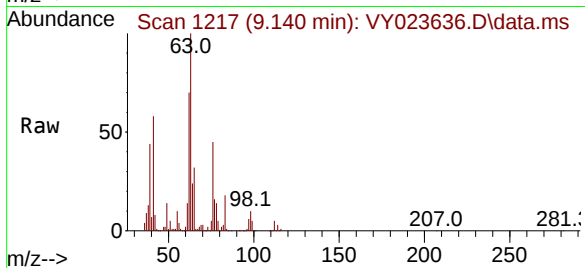
VSTDCCC050

Tgt Ion: 63 Resp: 217532

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 53.538 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

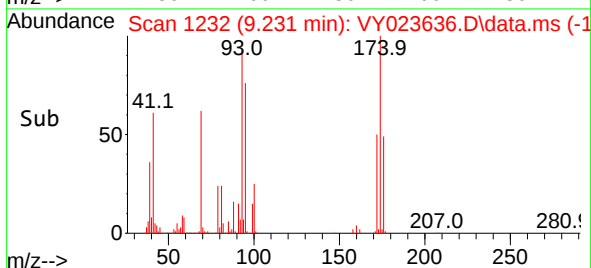
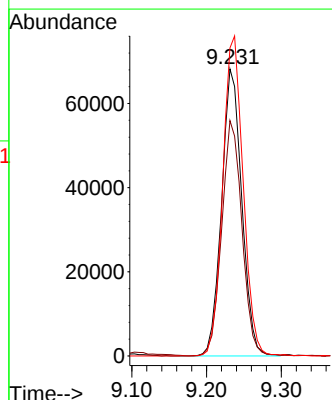
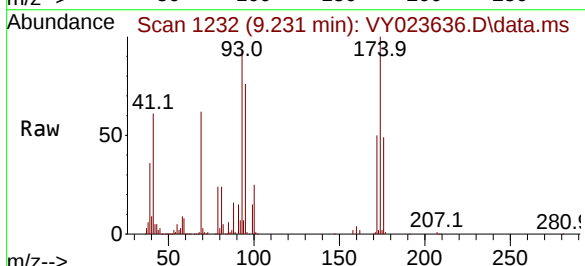
Tgt Ion: 93 Resp: 128116

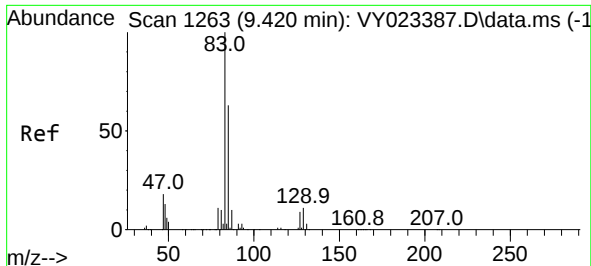
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.0

174 112.6 92.9 139.3





#47

Bromodichloromethane

Concen: 56.743 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

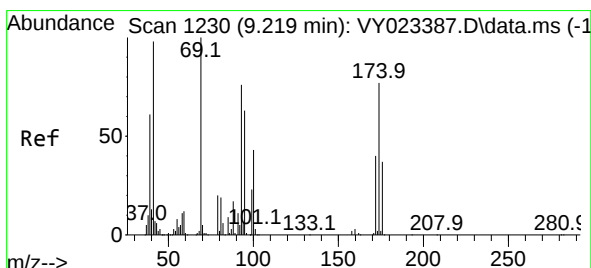
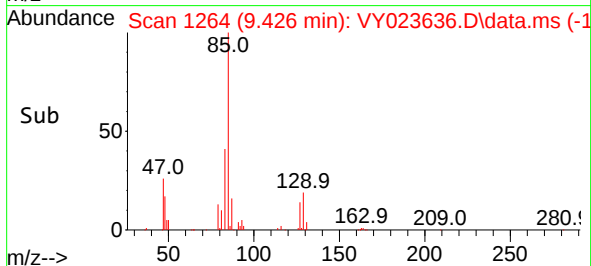
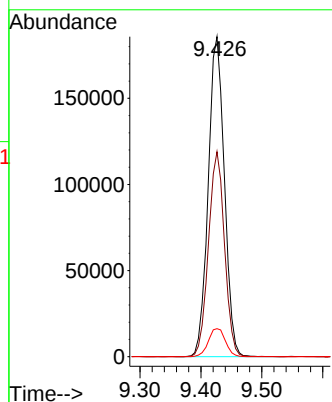
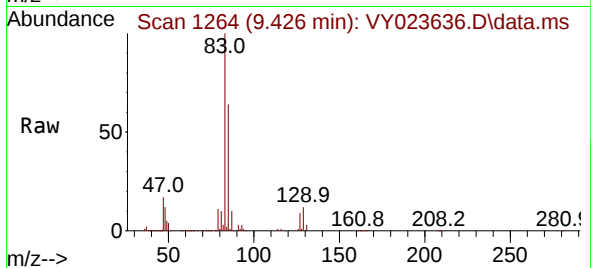
Tgt Ion: 83 Resp: 341977

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

127 8.8 7.4 11.2



#48

Methyl methacrylate

Concen: 49.252 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

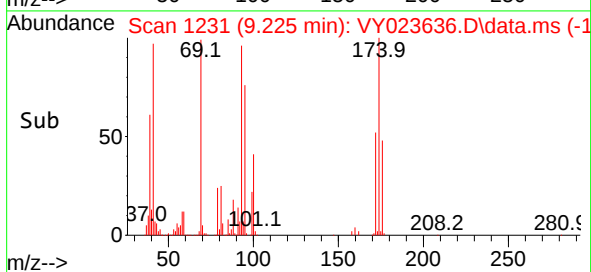
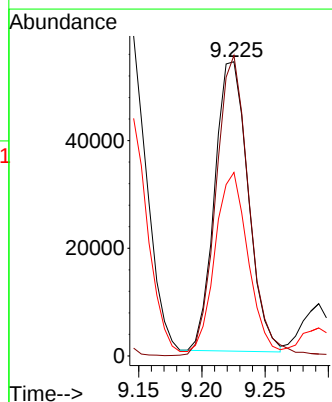
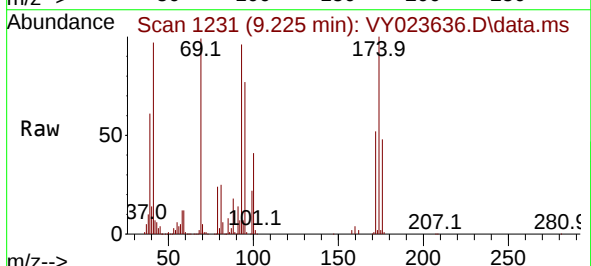
Tgt Ion: 41 Resp: 98890

Ion Ratio Lower Upper

41 100

69 102.8 81.0 121.4

39 63.4 48.2 72.4





#49

1,4-Dioxane

Concen: 928.969 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

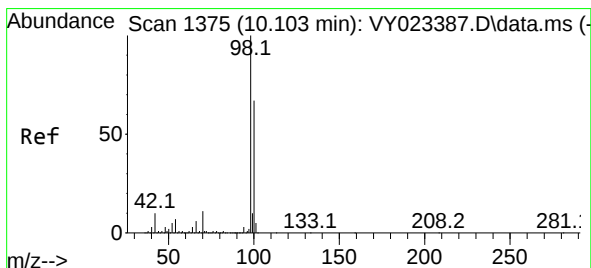
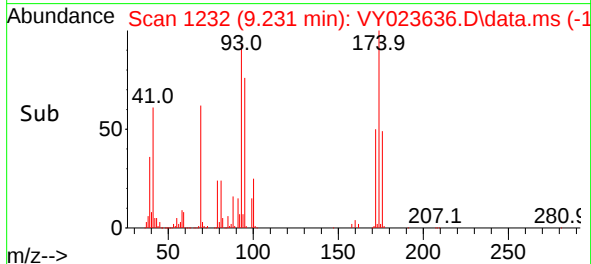
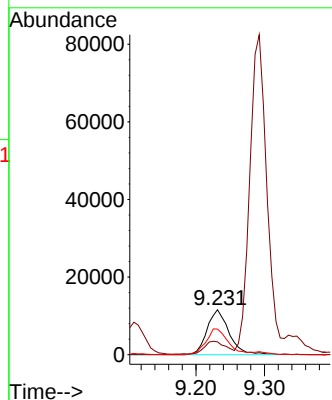
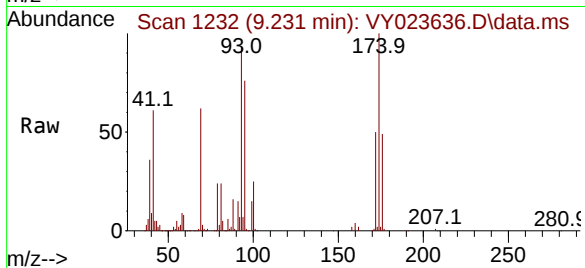
Tgt Ion: 88 Resp: 25774

Ion Ratio Lower Upper

88 100

43 28.1 21.8 32.8

58 57.6 46.8 70.2



#50

Toluene-d8

Concen: 51.905 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023636.D

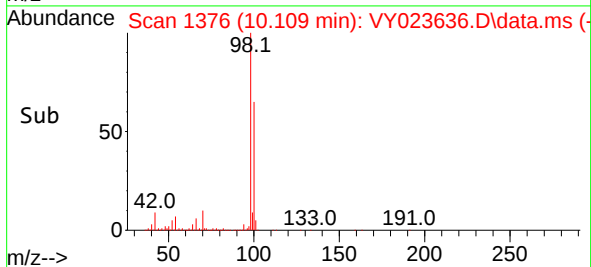
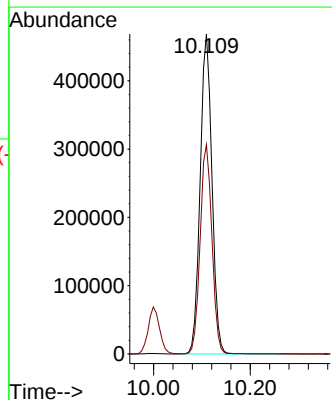
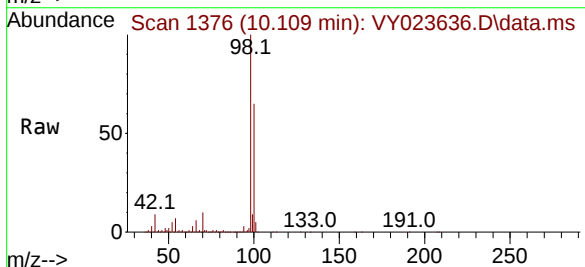
Acq: 31 Oct 2025 08:50

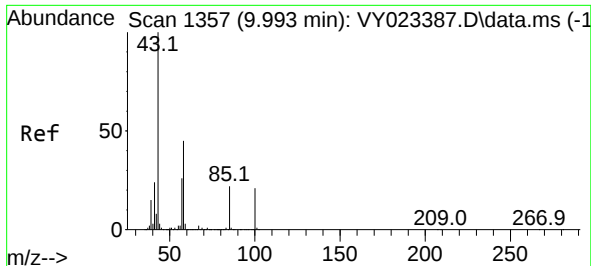
Tgt Ion: 98 Resp: 789930

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 250.121 ug/l

RT: 10.000 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

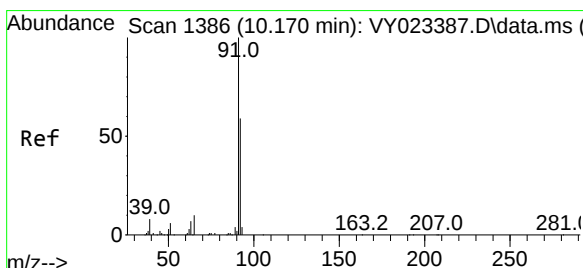
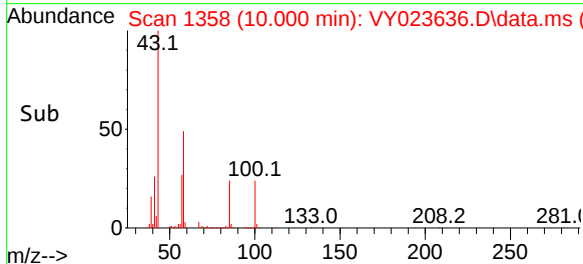
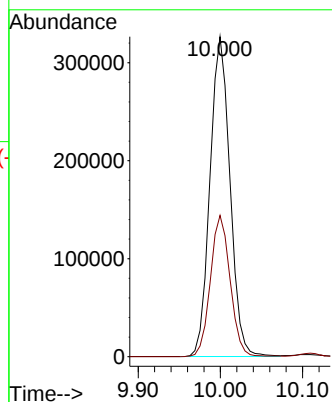
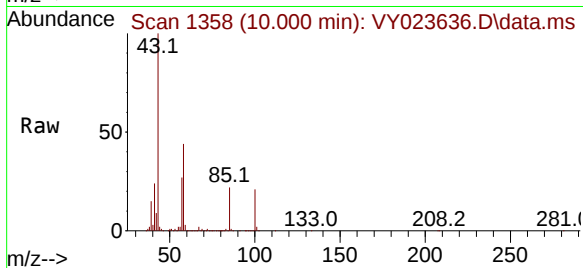
VSTDCCC050

Tgt Ion: 43 Resp: 552309

Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9



#52

Toluene

Concen: 56.731 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023636.D

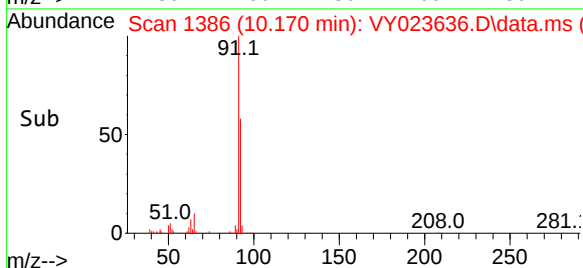
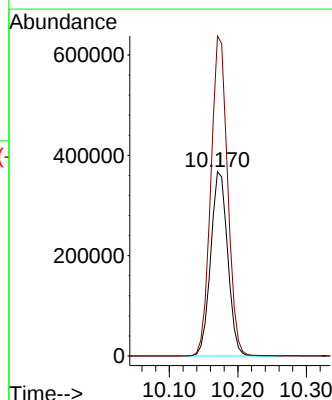
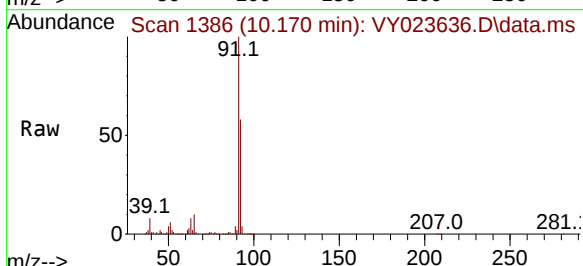
Acq: 31 Oct 2025 08:50

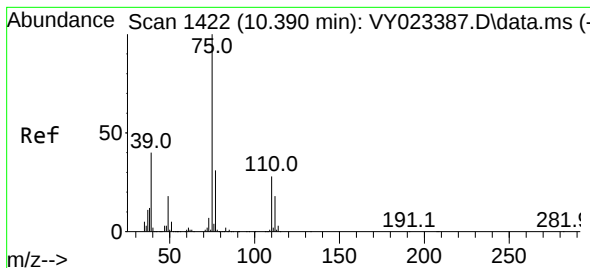
Tgt Ion: 92 Resp: 631102

Ion Ratio Lower Upper

92 100

91 171.8 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 54.271 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

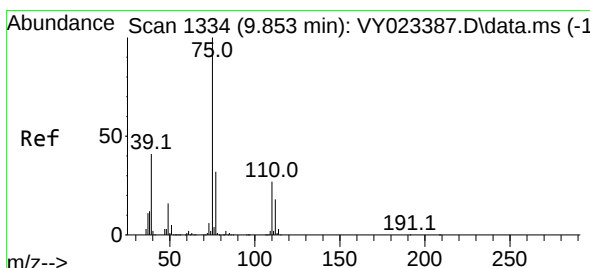
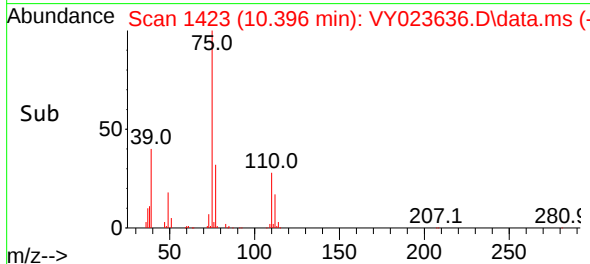
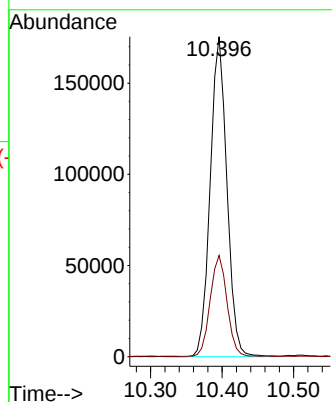
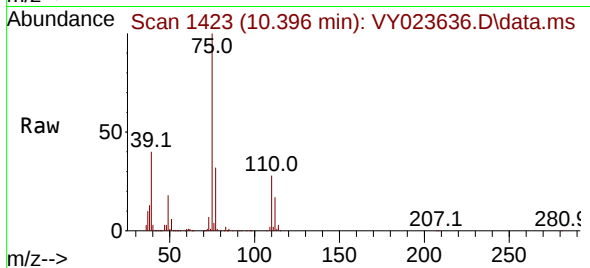
VSTDCCC050

Tgt Ion: 75 Resp: 284401

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.551 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

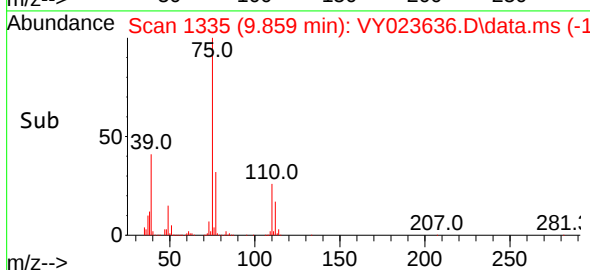
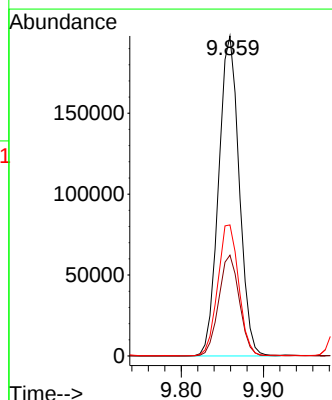
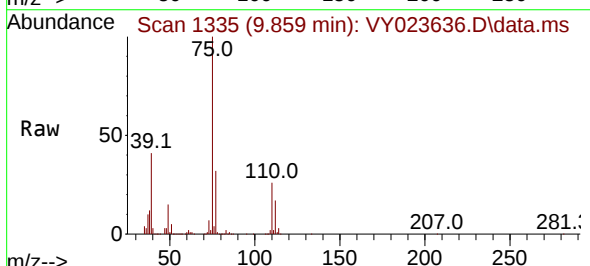
Tgt Ion: 75 Resp: 343580

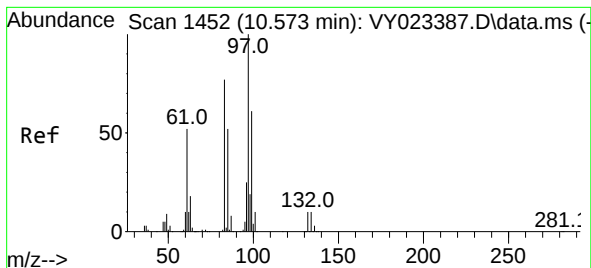
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 40.9 32.8 49.2

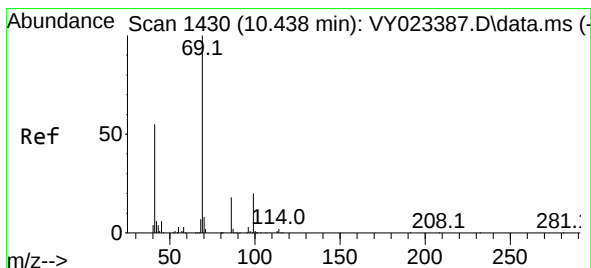
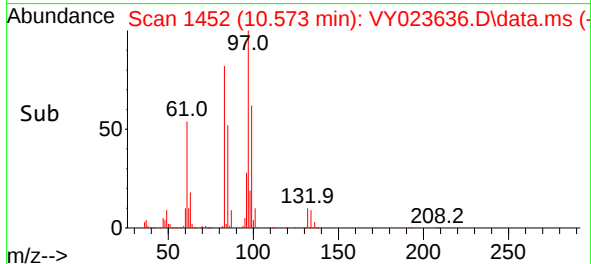
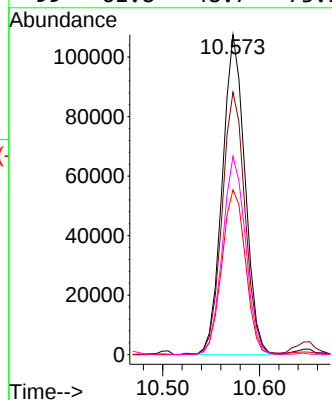
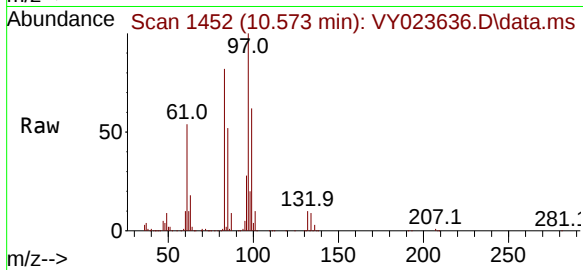




#55
1,1,2-Trichloroethane
Concen: 54.438 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

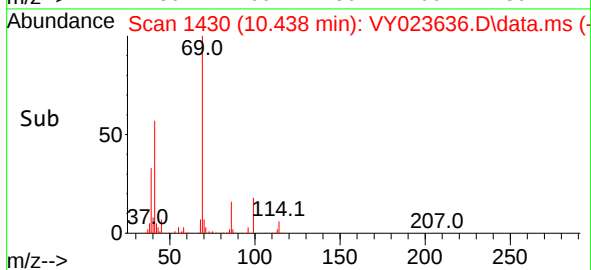
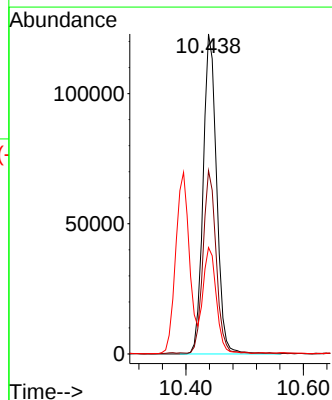
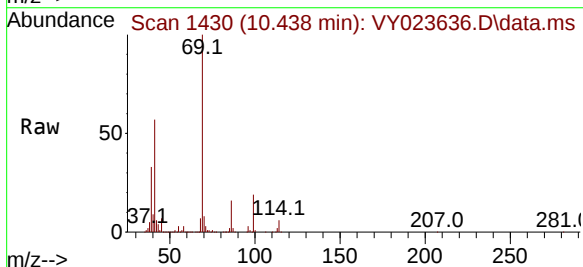
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

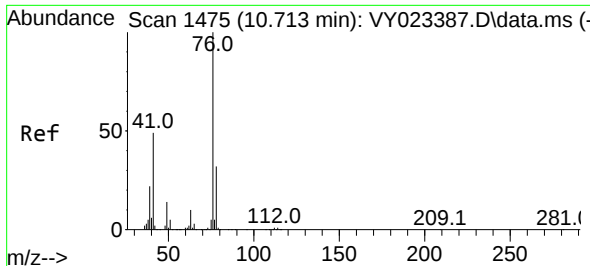
Tgt Ion:	97	Resp:	175179
Ion	Ratio	Lower	Upper
97	100		
83	82.0	61.8	92.6
85	51.4	41.3	61.9
99	61.8	48.7	73.1



#56
Ethyl methacrylate
Concen: 52.801 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:	69	Resp:	195993
Ion	Ratio	Lower	Upper
69	100		
41	55.5	44.6	67.0
39	32.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 54.539 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

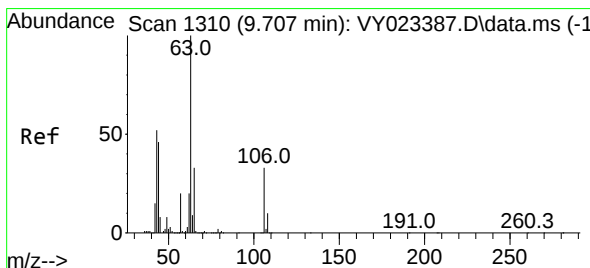
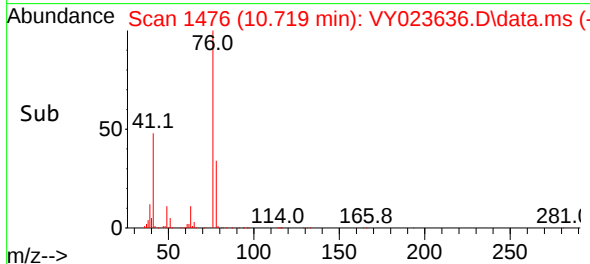
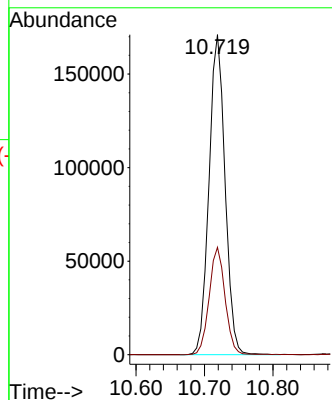
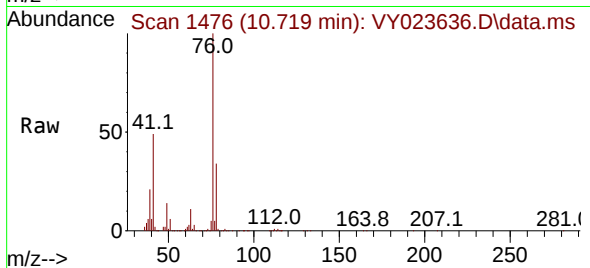
VSTDCCC050

Tgt Ion: 76 Resp: 278103

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 261.121 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023636.D

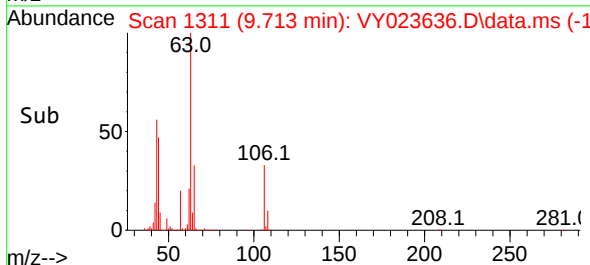
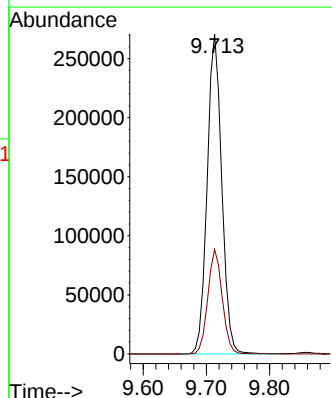
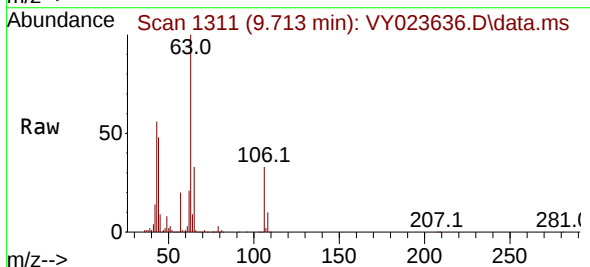
Acq: 31 Oct 2025 08:50

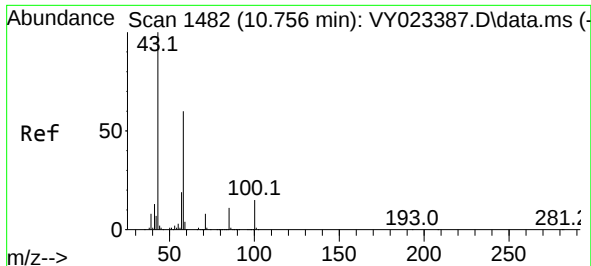
Tgt Ion: 63 Resp: 434206

Ion Ratio Lower Upper

63 100

106 32.3 26.6 39.8





#59

2-Hexanone

Concen: 248.819 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

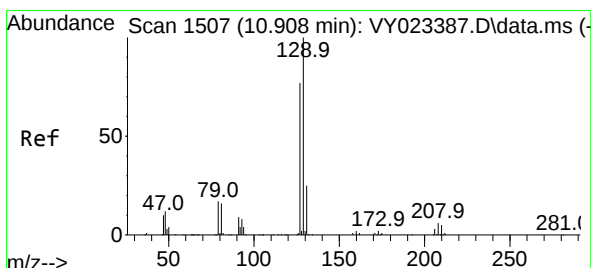
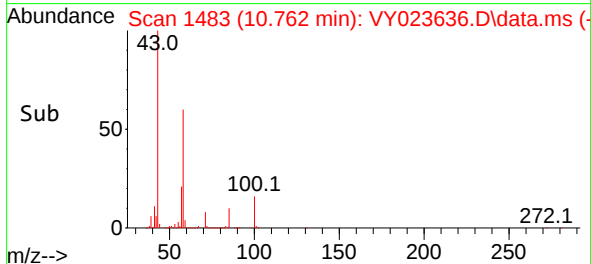
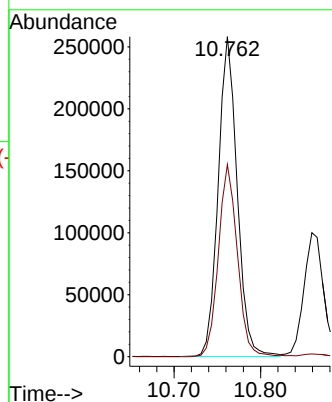
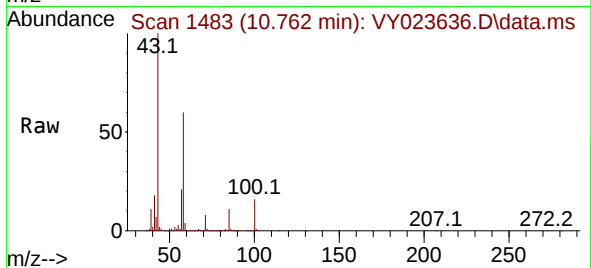
VSTDCCC050

Tgt Ion: 43 Resp: 392649

Ion Ratio Lower Upper

43 100

58 60.2 30.5 91.5



#60

Dibromochloromethane

Concen: 54.138 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023636.D

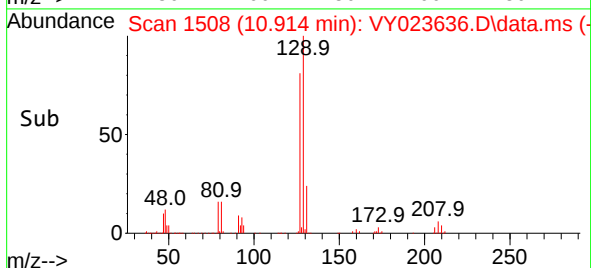
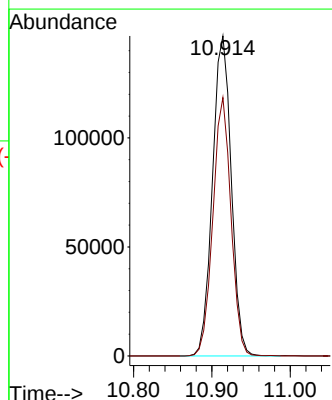
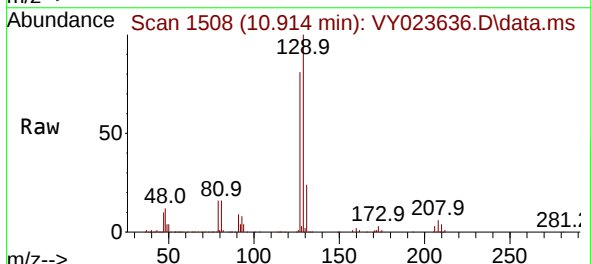
Acq: 31 Oct 2025 08:50

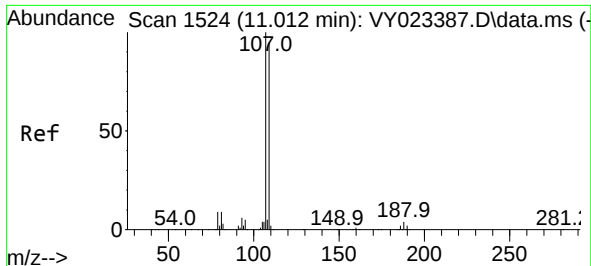
Tgt Ion:129 Resp: 244248

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.7

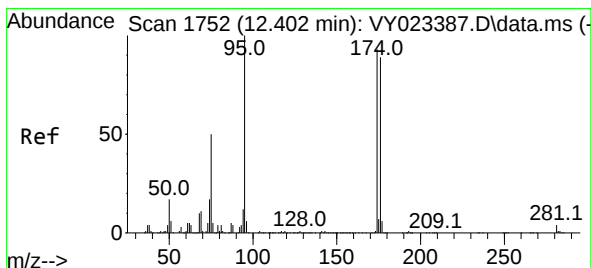
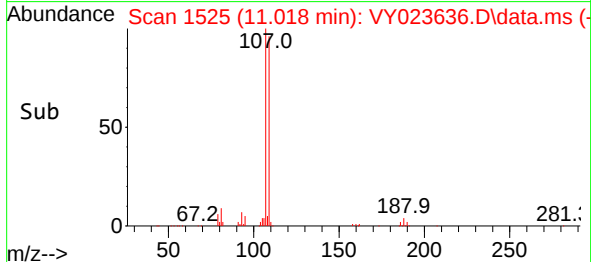
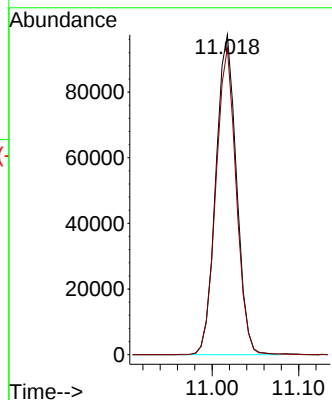
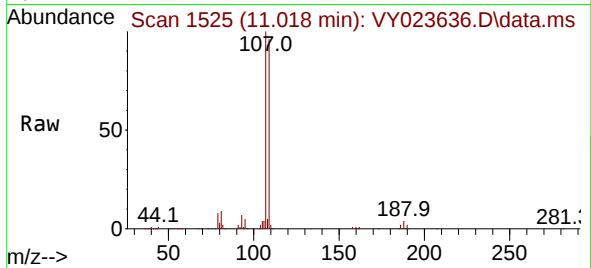




#61
1,2-Dibromoethane
Concen: 52.467 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

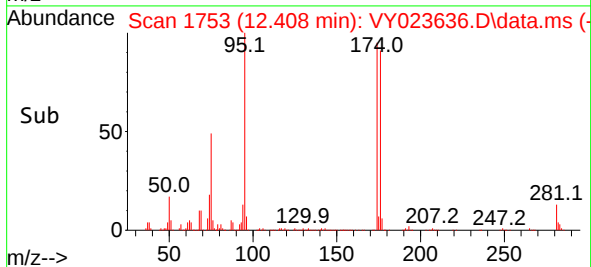
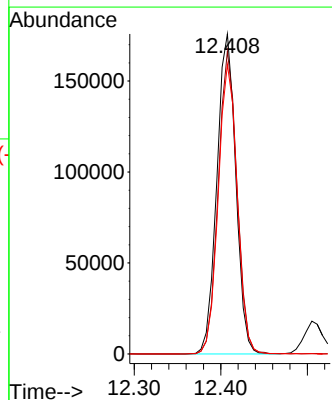
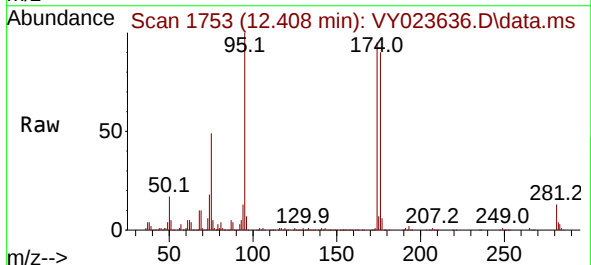
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 161019
Ion Ratio Lower Upper
107 100
109 94.5 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 53.122 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 95 Resp: 266906
Ion Ratio Lower Upper
95 100
174 94.0 0.0 192.8
176 90.8 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

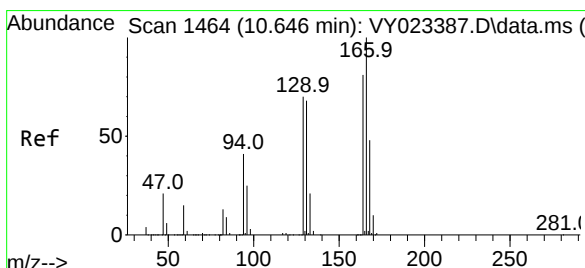
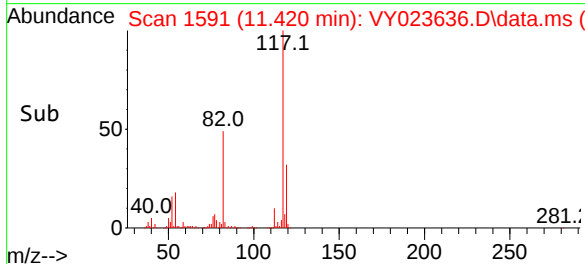
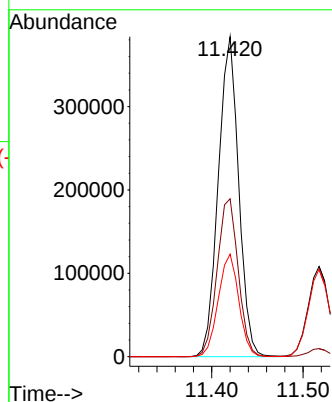
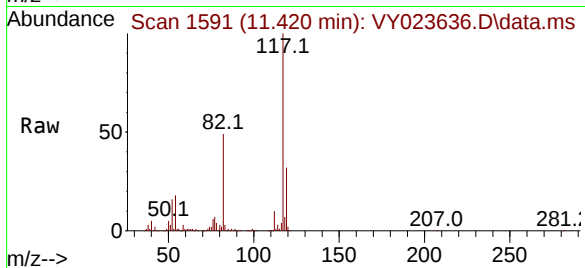
Tgt Ion:117 Resp: 595630

Ion Ratio Lower Upper

117 100

82 49.3 41.0 61.4

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 53.734 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion:164 Resp: 330471

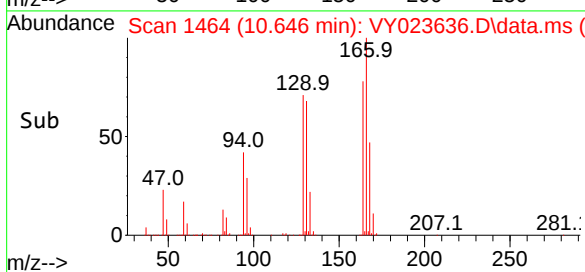
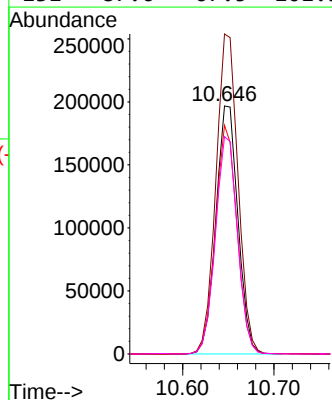
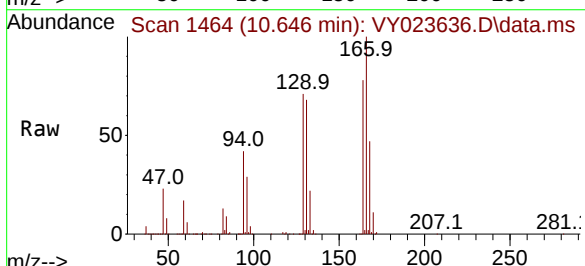
Ion Ratio Lower Upper

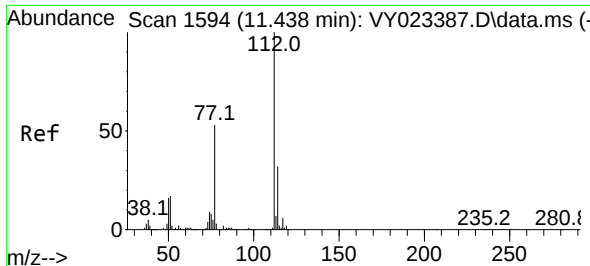
164 100

166 129.0 99.4 149.0

129 92.2 69.4 104.2

131 87.6 67.5 101.3

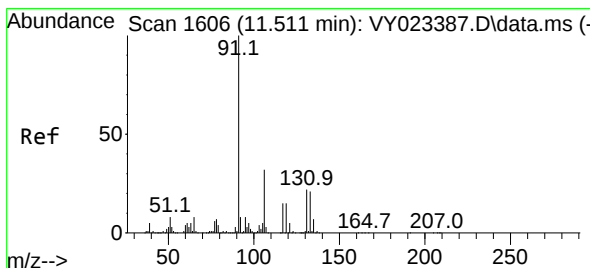
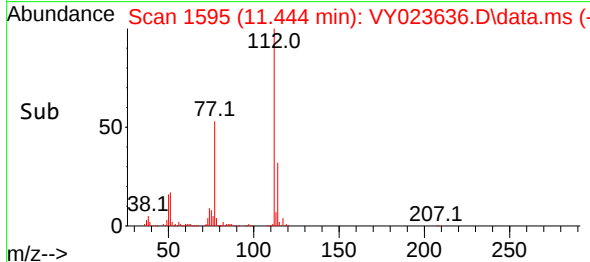
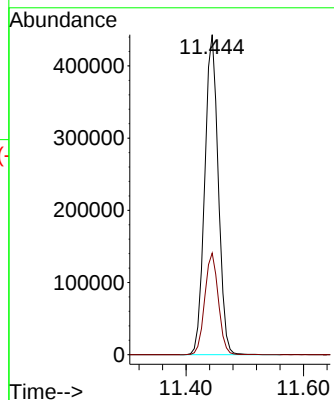
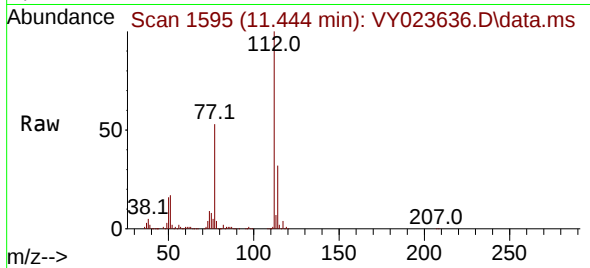




#65
Chlorobenzene
Concen: 54.843 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

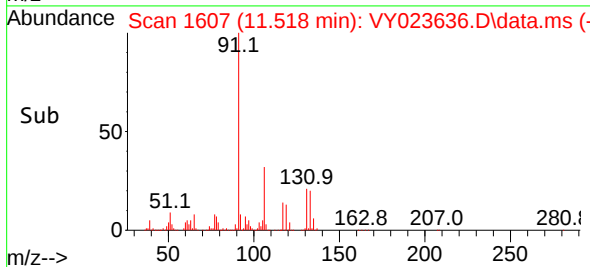
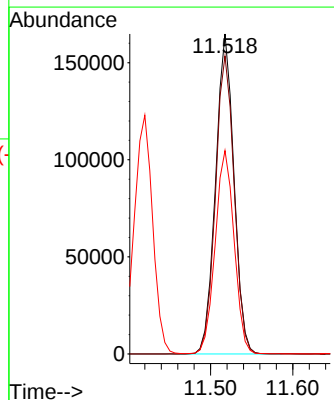
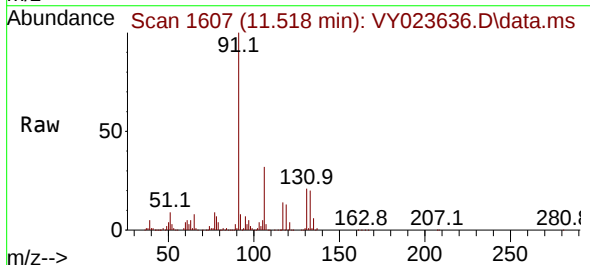
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

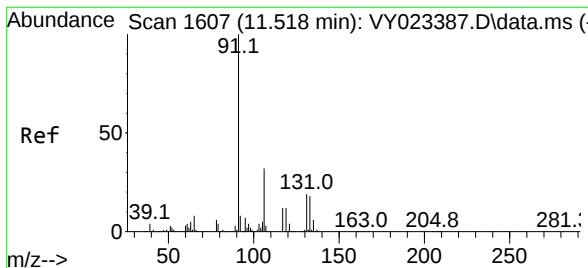
Tgt Ion:112 Resp: 710474
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.455 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:131 Resp: 256006
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.2
119 65.5 32.4 97.2

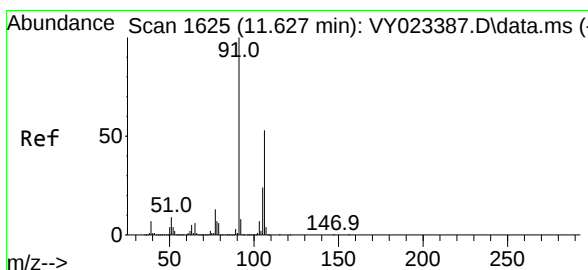
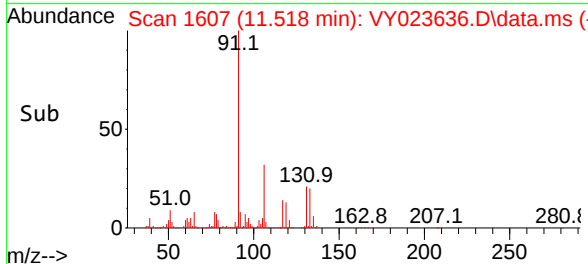
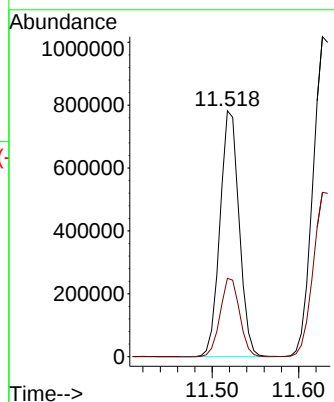
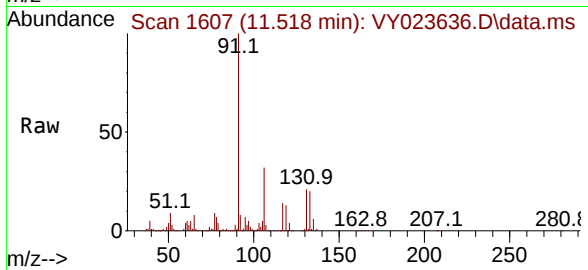




#67
Ethyl Benzene
Concen: 57.300 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

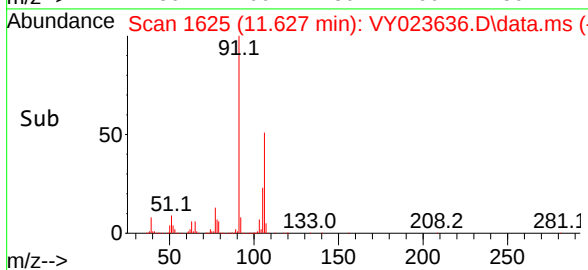
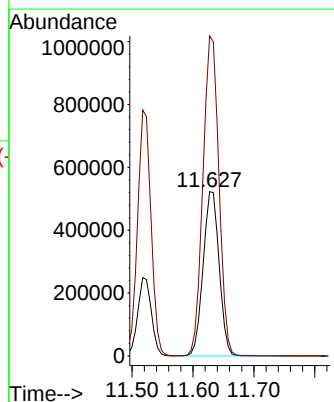
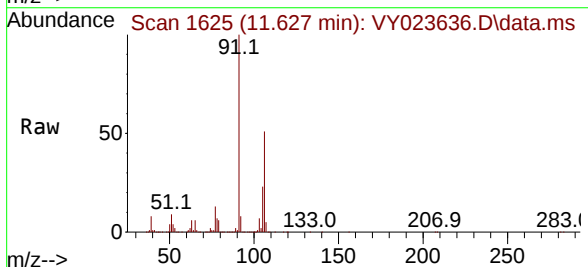
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

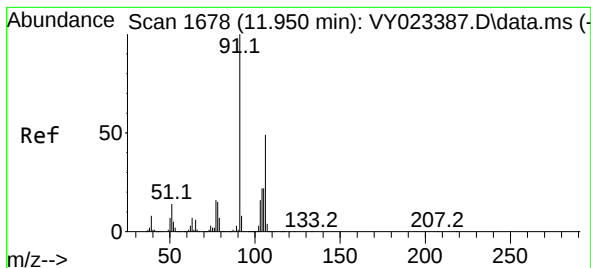
Tgt Ion: 91 Resp: 1201554
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 113.484 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:106 Resp: 954497
Ion Ratio Lower Upper
106 100
91 193.9 152.6 229.0





#69

o-Xylene

Concen: 56.100 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

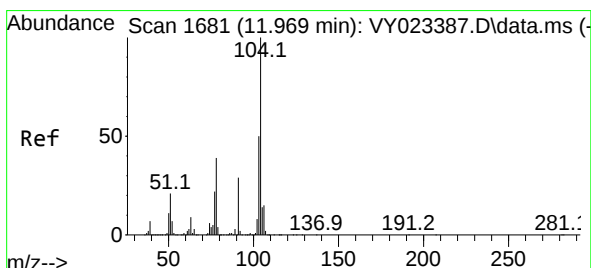
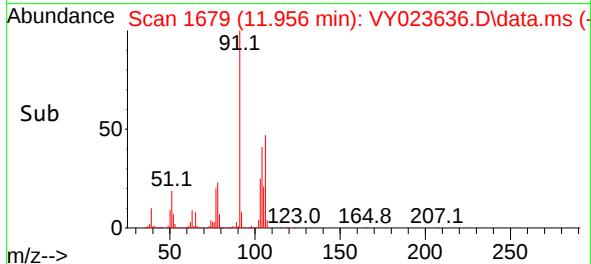
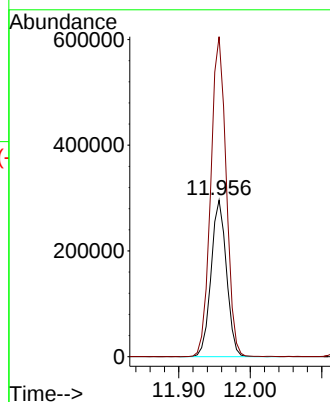
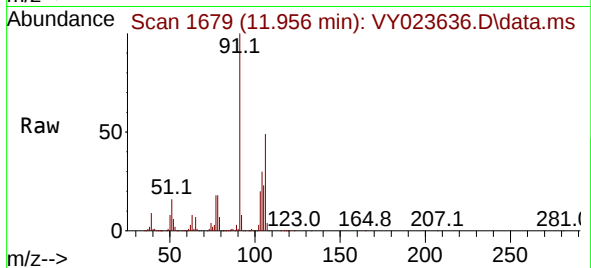
VSTDCCC050

Tgt Ion:106 Resp: 442584

Ion Ratio Lower Upper

106 100

91 205.7 101.4 304.1



#70

Styrene

Concen: 57.272 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

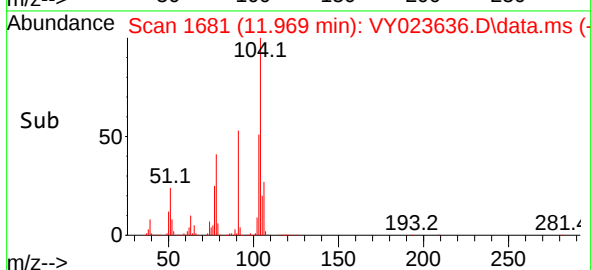
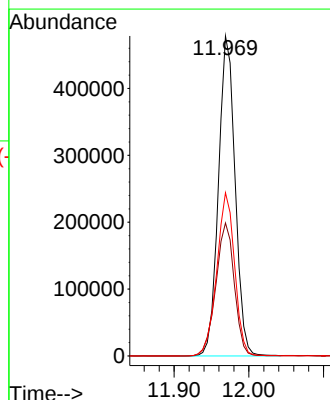
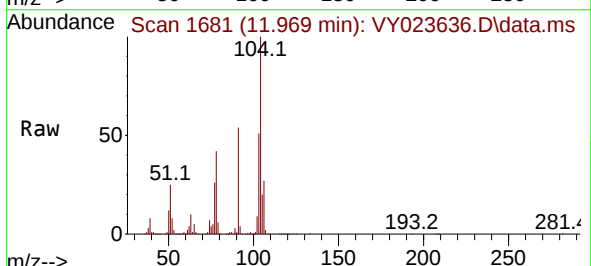
Tgt Ion:104 Resp: 743016

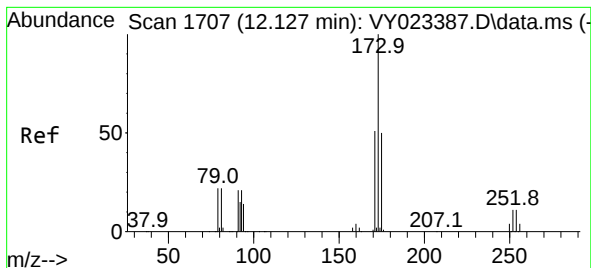
Ion Ratio Lower Upper

104 100

78 46.0 36.1 54.1

103 54.6 43.2 64.8





#71

Bromoform

Concen: 50.547 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

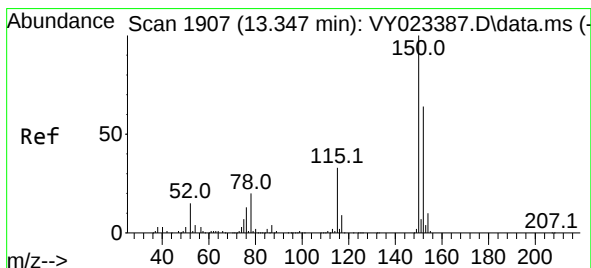
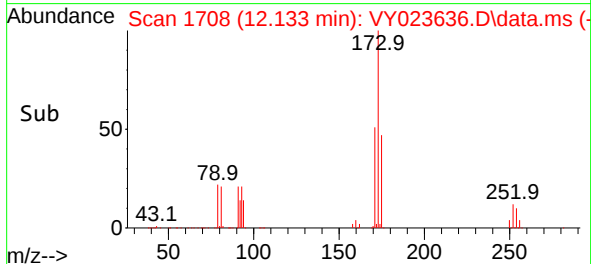
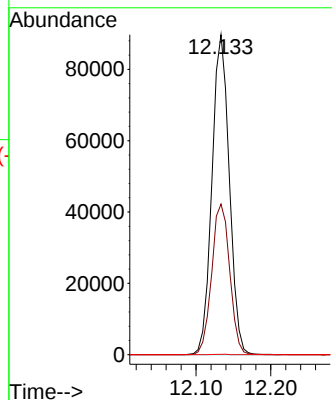
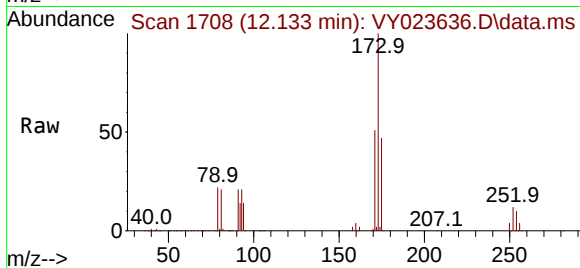
Tgt Ion:173 Resp: 144743

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

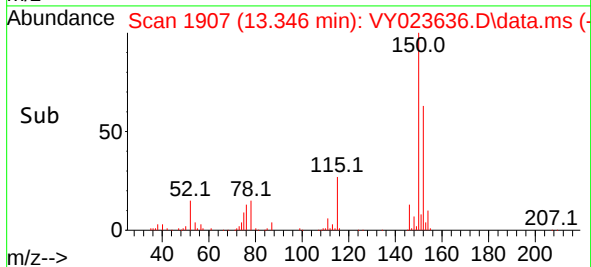
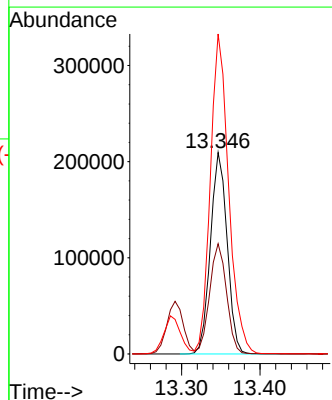
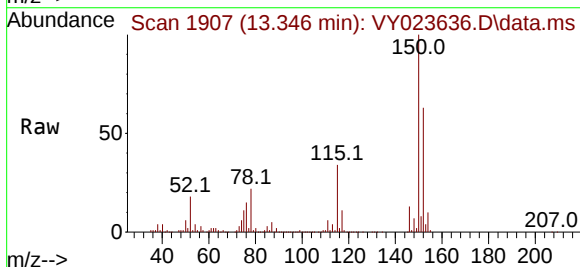
Tgt Ion:152 Resp: 310256

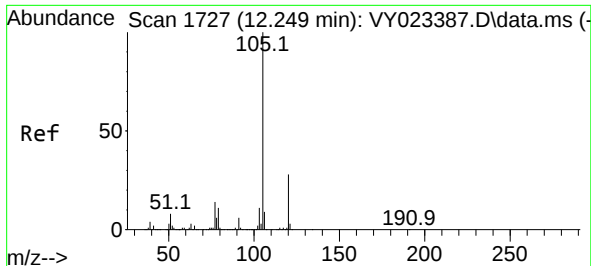
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.2

150 174.3 0.0 347.4

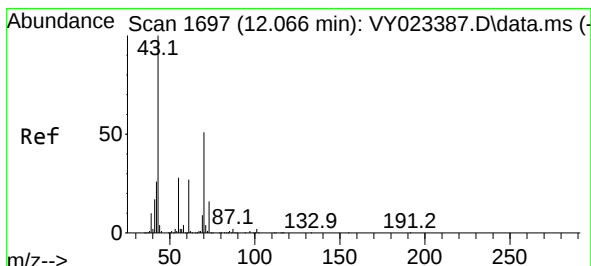
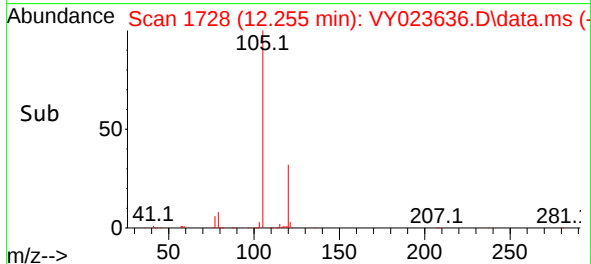
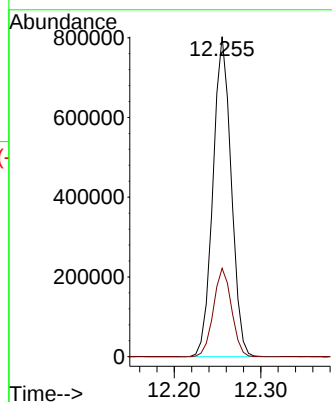
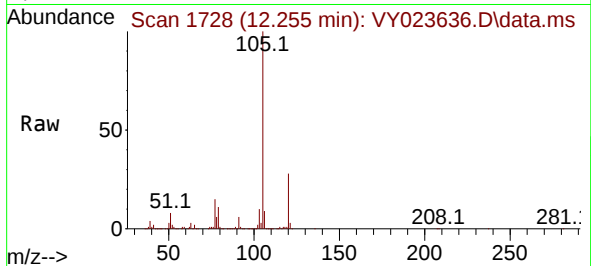




#73
Isopropylbenzene
Concen: 57.452 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

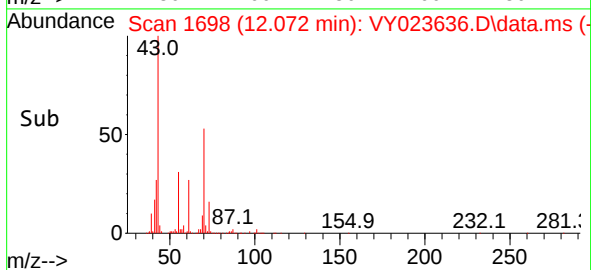
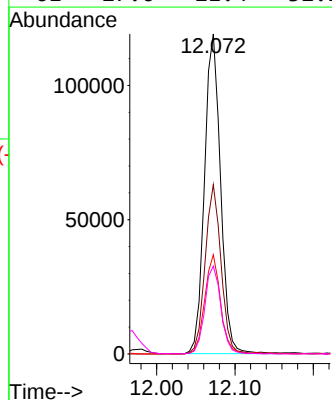
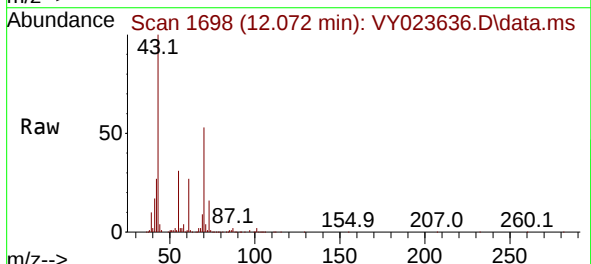
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

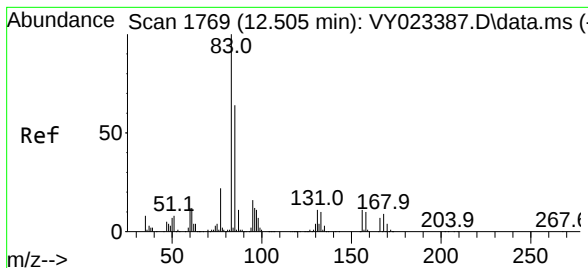
Tgt Ion:105 Resp: 1174672
Ion Ratio Lower Upper
105 100
120 27.4 13.9 41.7



#74
N-ethyl acetate
Concen: 46.168 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 43 Resp: 169550
Ion Ratio Lower Upper
43 100
70 52.4 41.1 61.7
55 30.5 23.0 34.6
61 27.6 21.4 32.2

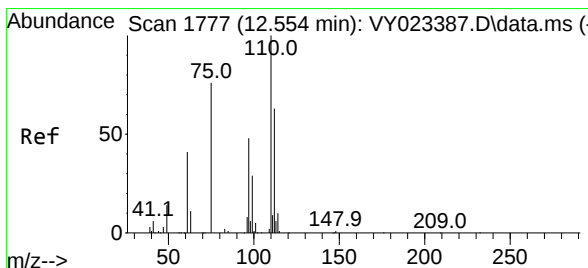
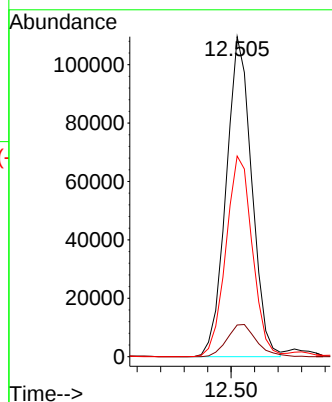
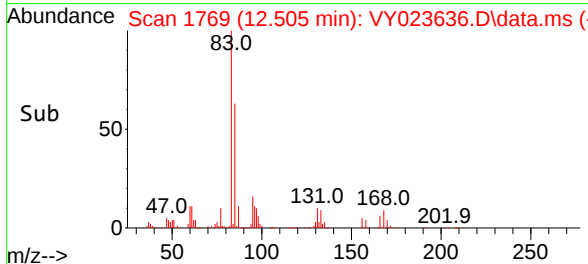
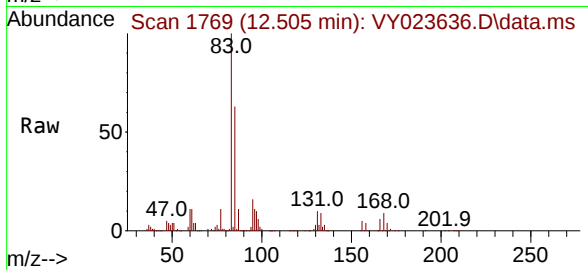




#75
1,1,2-Tetrachloroethane
Concen: 49.715 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

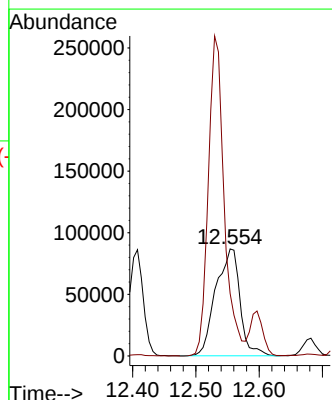
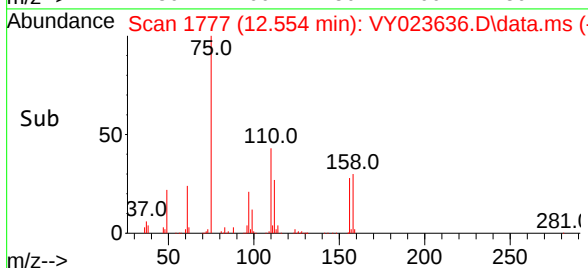
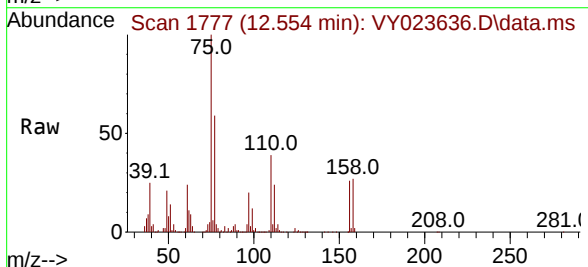
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

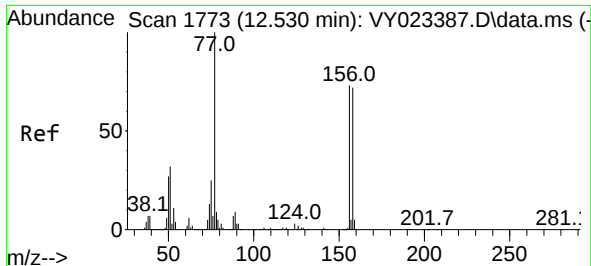
Tgt Ion: 83 Resp: 166253
Ion Ratio Lower Upper
83 100
131 11.6 5.9 17.6
85 64.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 84.324 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 75 Resp: 230819
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

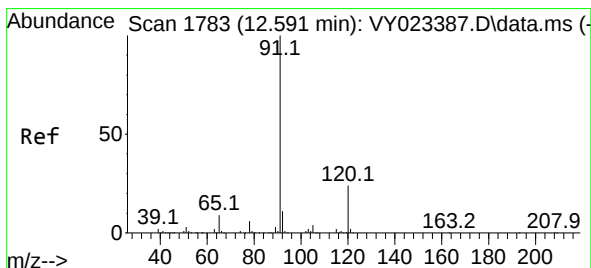
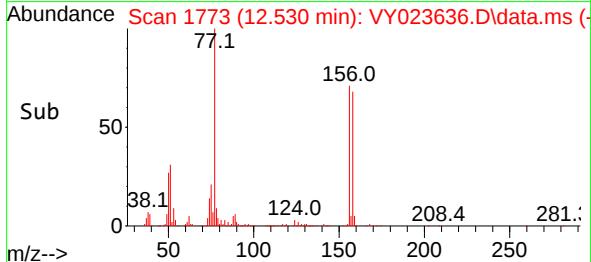
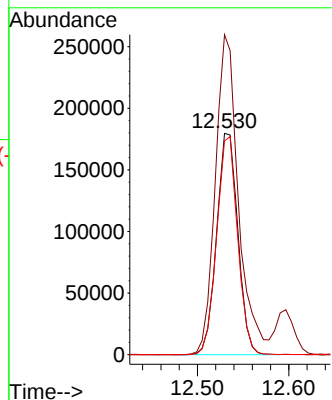
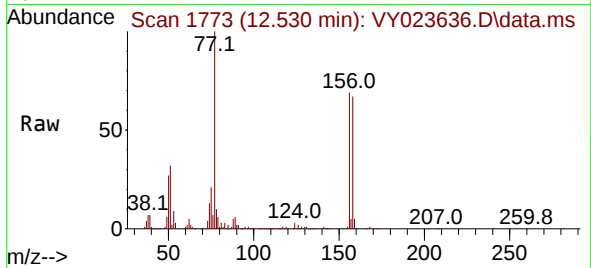




#77
Bromobenzene
Concen: 53.455 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

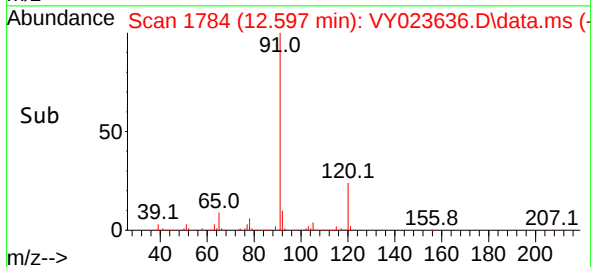
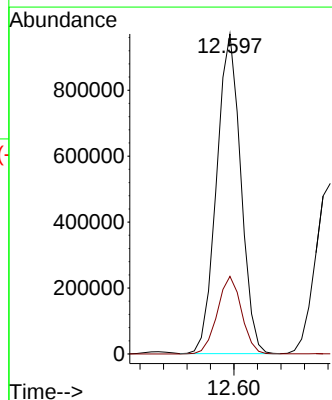
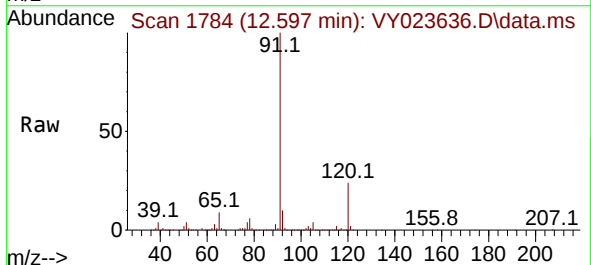
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

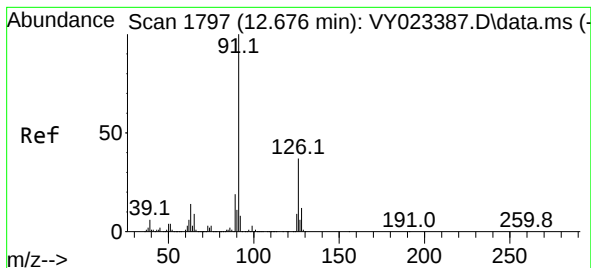
Tgt Ion:156 Resp: 290562
Ion Ratio Lower Upper
156 100
77 157.5 76.8 230.5
158 97.0 49.0 147.2



#78
n-propylbenzene
Concen: 58.648 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 91 Resp: 1387644
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 57.020 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

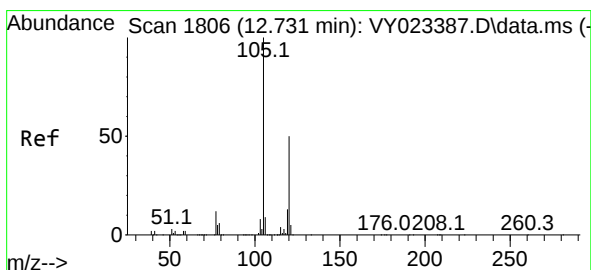
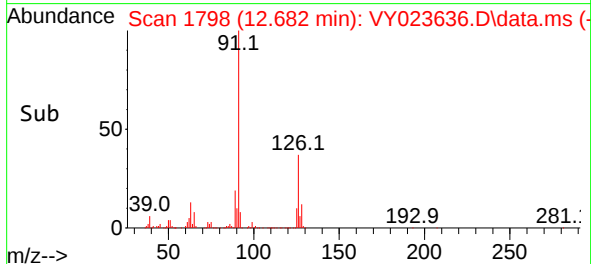
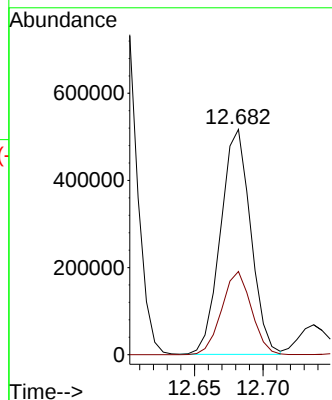
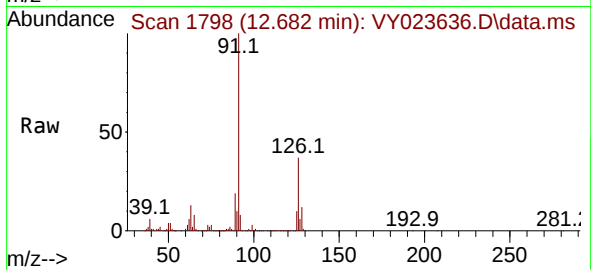
VSTDCCC050

Tgt Ion: 91 Resp: 790048

Ion Ratio Lower Upper

91 100

126 36.4 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 58.605 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023636.D

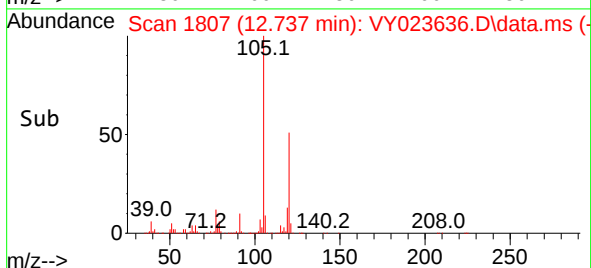
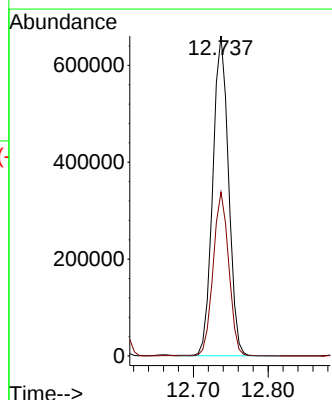
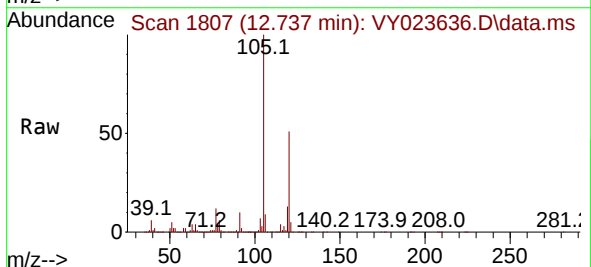
Acq: 31 Oct 2025 08:50

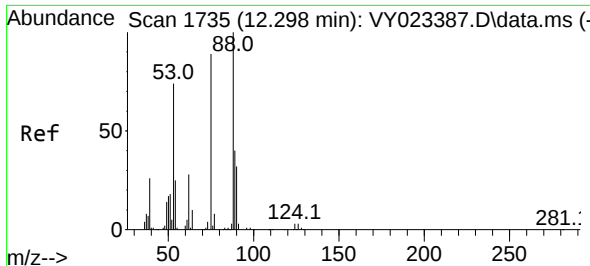
Tgt Ion: 105 Resp: 968283

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.4

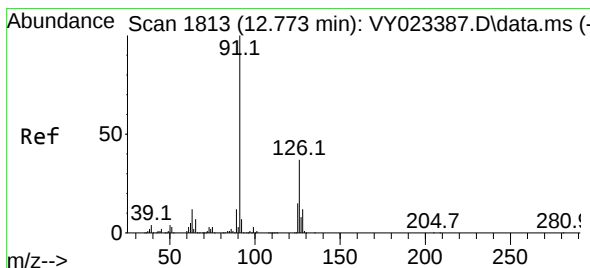
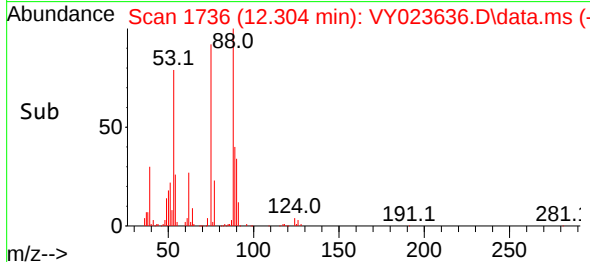
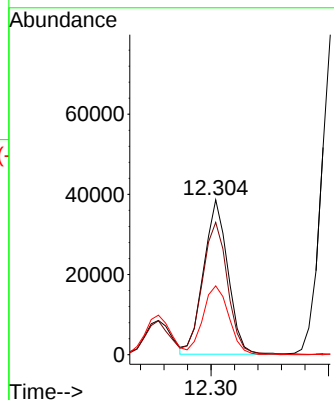
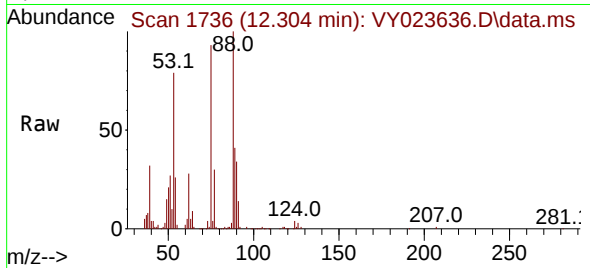




#81
trans-1,4-Dichloro-2-butene
Concen: 49.512 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

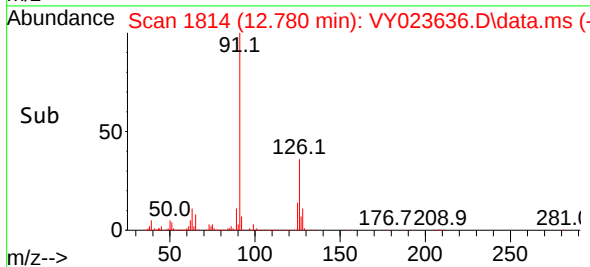
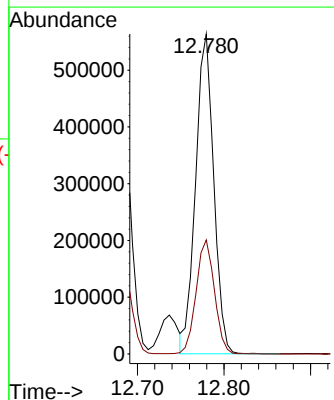
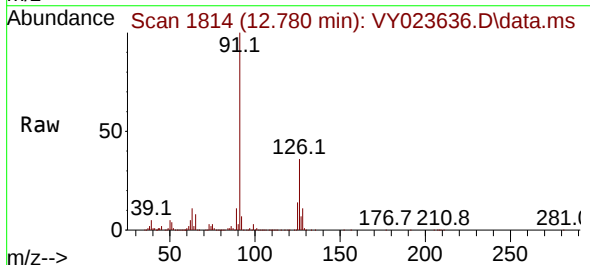
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

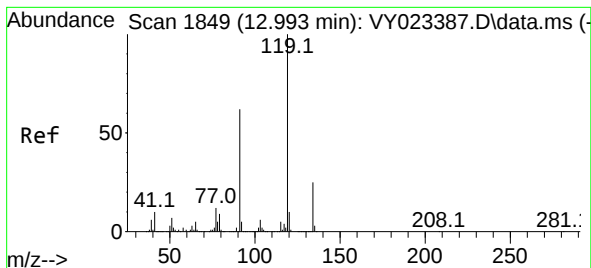
Tgt Ion: 75 Resp: 55268
Ion Ratio Lower Upper
75 100
53 89.7 68.6 102.8
89 47.5 39.0 58.4



#82
4-Chlorotoluene
Concen: 57.330 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 91 Resp: 818071
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.4





#83

tert-Butylbenzene

Concen: 57.435 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

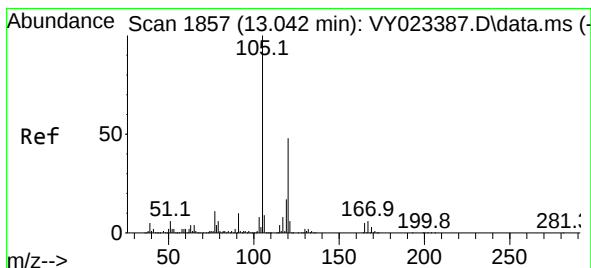
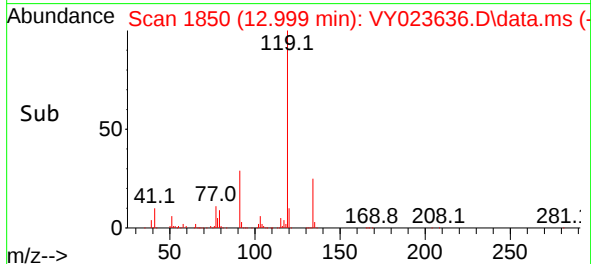
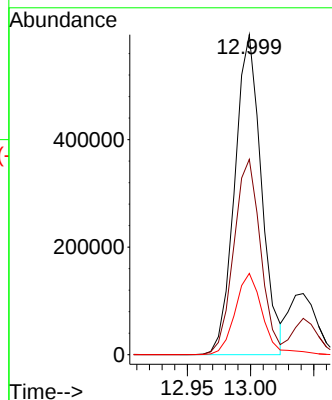
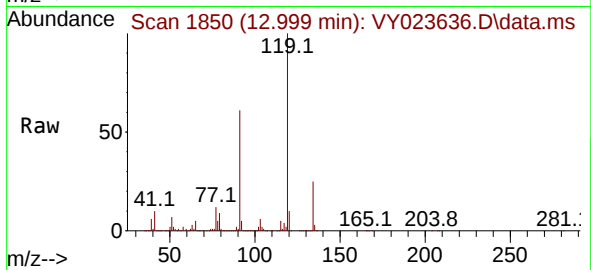
Tgt Ion:119 Resp: 876173

Ion Ratio Lower Upper

119 100

91 61.1 29.9 89.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 57.963 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023636.D

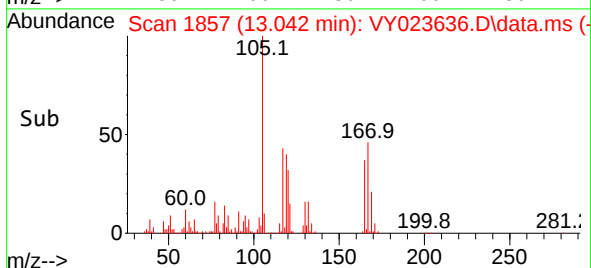
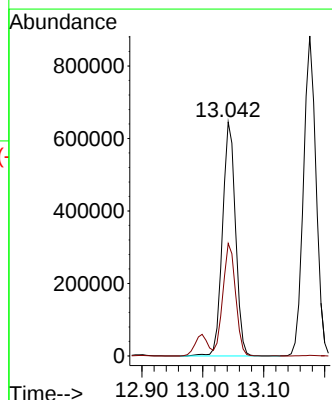
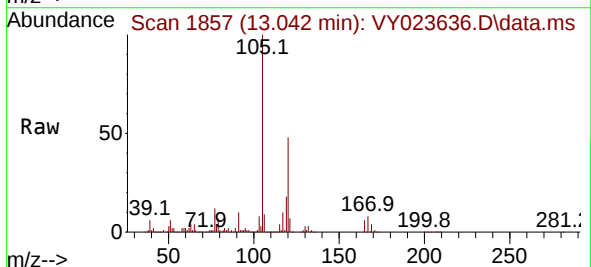
Acq: 31 Oct 2025 08:50

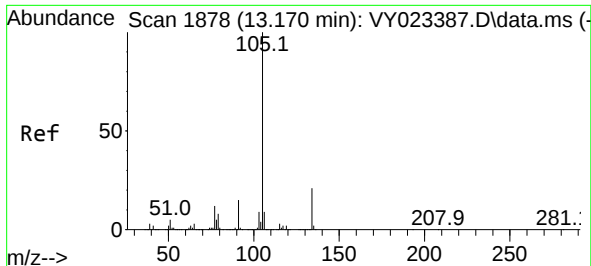
Tgt Ion:105 Resp: 955742

Ion Ratio Lower Upper

105 100

120 46.9 23.8 71.2

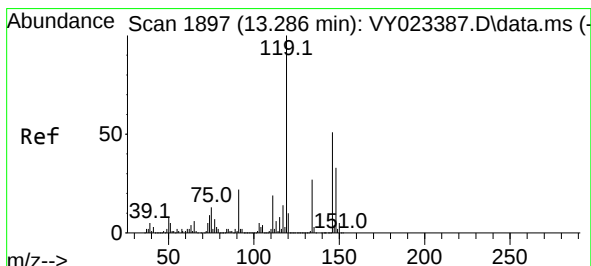
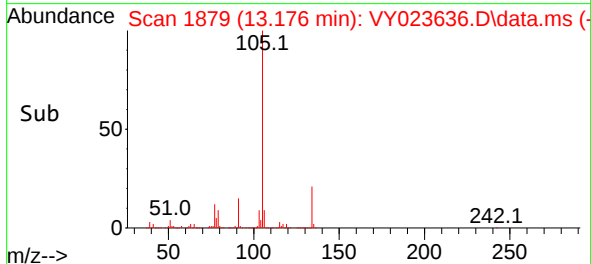
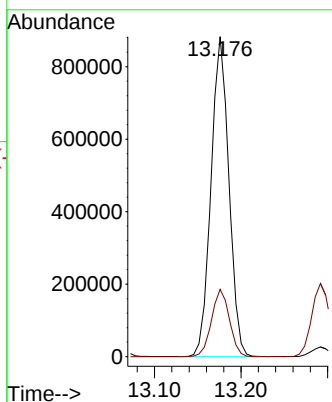
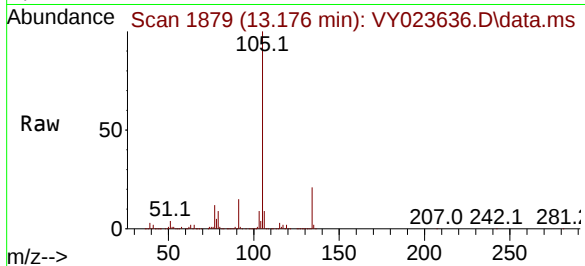




#85
 sec-Butylbenzene
 Concen: 57.738 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

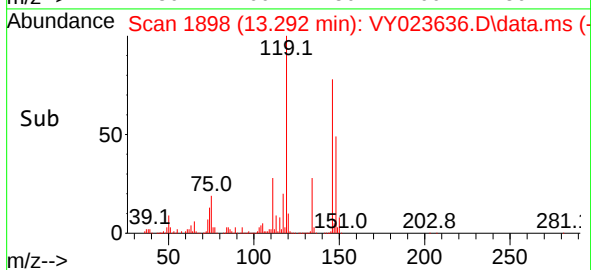
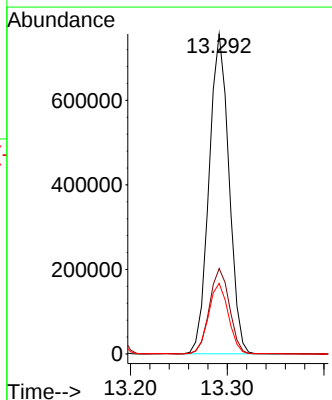
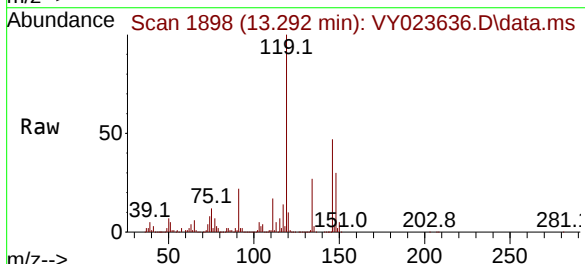
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

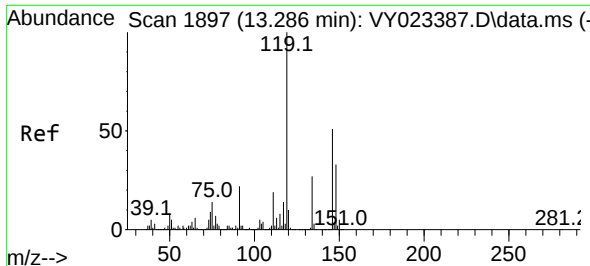
Tgt Ion:105 Resp: 1263491
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 57.895 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

Tgt Ion:119 Resp: 1078678
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.0 10.9 32.9

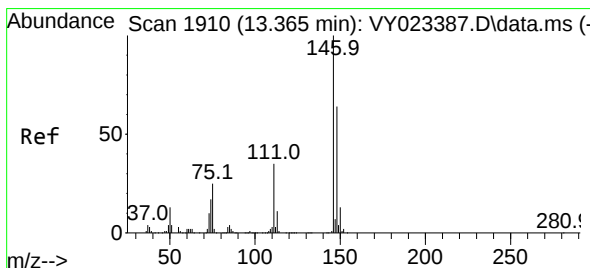
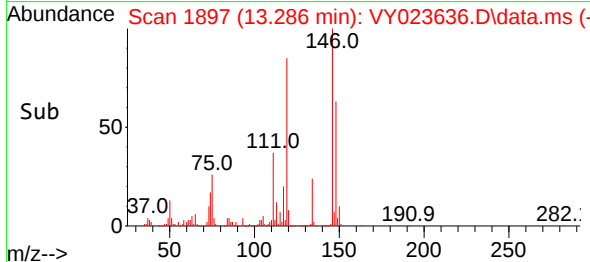
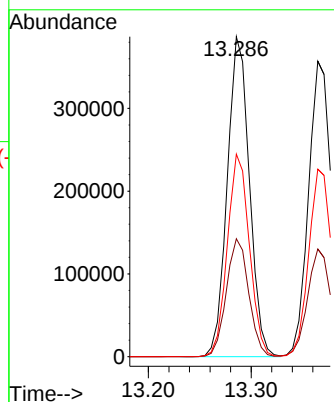
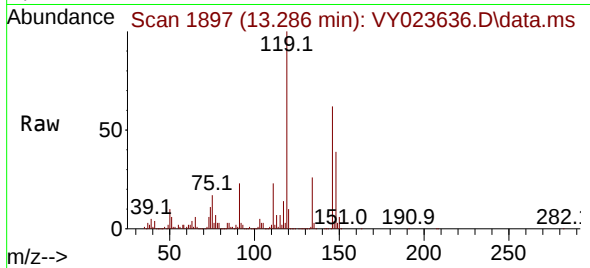




#87
1,3-Dichlorobenzene
Concen: 54.562 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

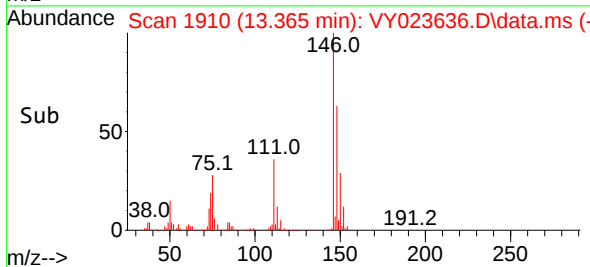
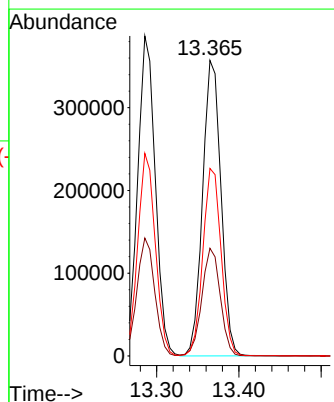
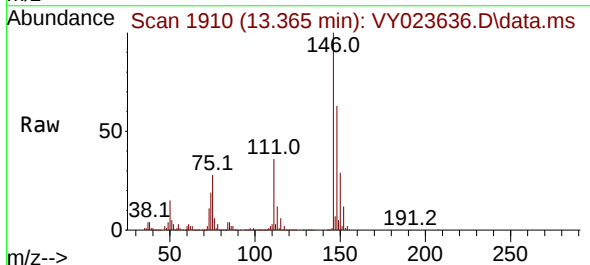
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

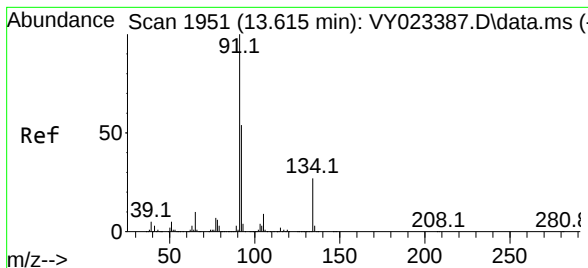
Tgt Ion:146 Resp: 577534
Ion Ratio Lower Upper
146 100
111 37.3 18.7 56.1
148 63.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 53.040 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion:146 Resp: 554490
Ion Ratio Lower Upper
146 100
111 36.7 18.0 54.0
148 63.0 31.9 95.7

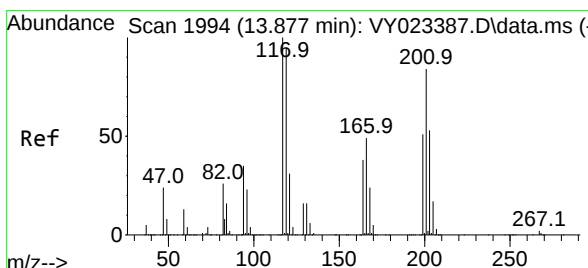
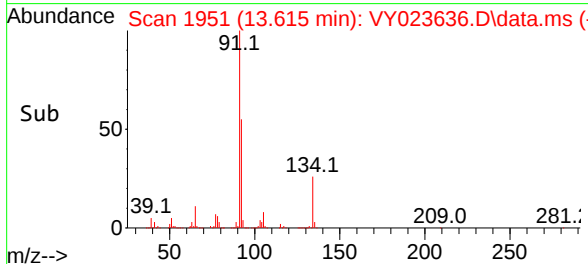
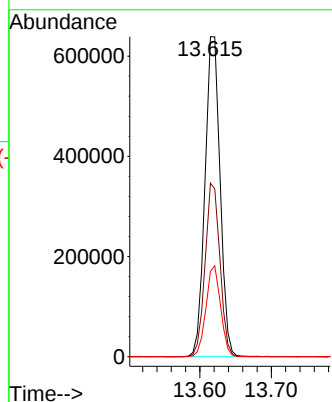
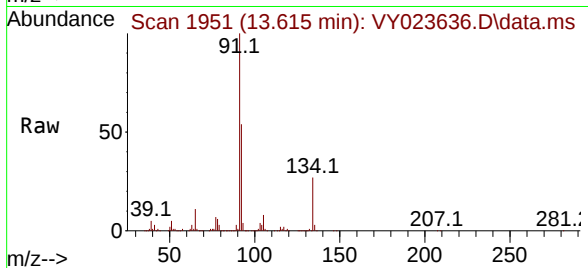




#89
n-Butylbenzene
Concen: 57.900 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

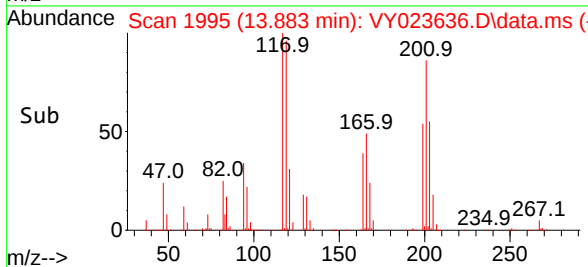
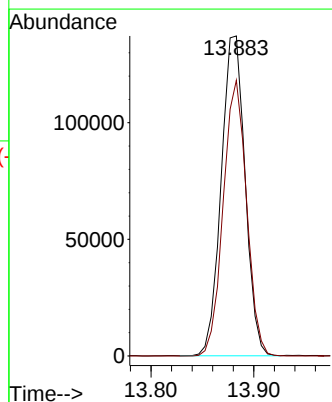
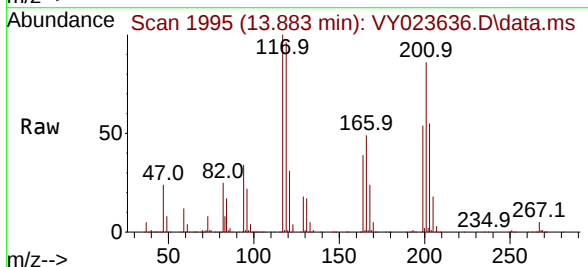
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

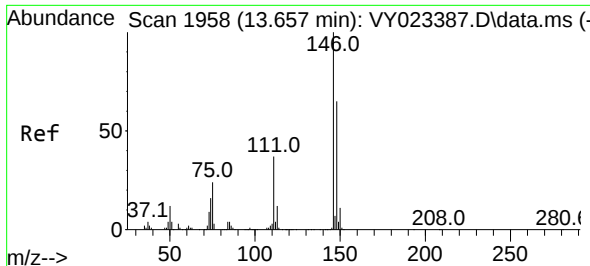
Tgt Ion: 91 Resp: 939971
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.5 14.1 42.2



#90
Hexachloroethane
Concen: 55.297 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023636.D
Acq: 31 Oct 2025 08:50

Tgt Ion: 117 Resp: 221593
Ion Ratio Lower Upper
117 100
201 84.1 43.8 131.4

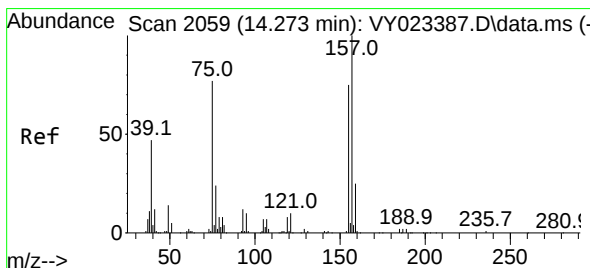
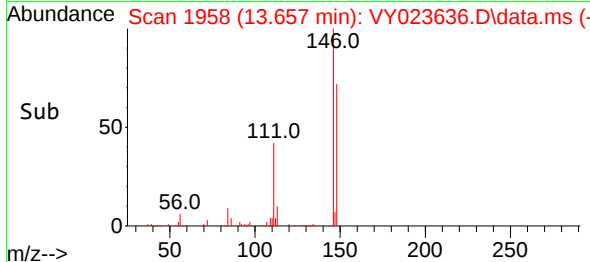
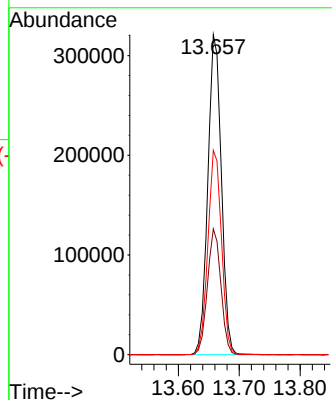
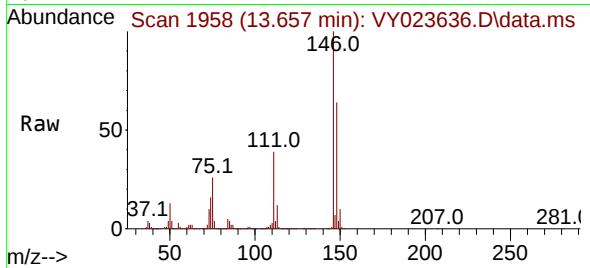




#91
 1,2-Dichlorobenzene
 Concen: 53.392 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

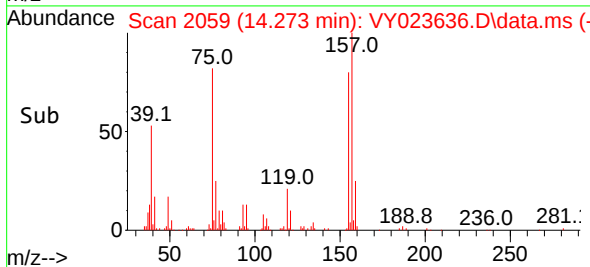
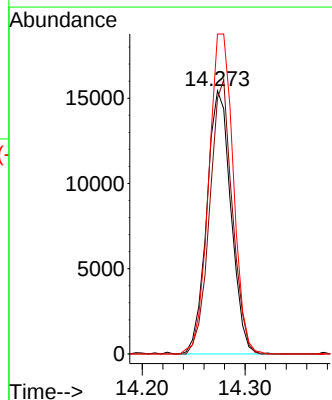
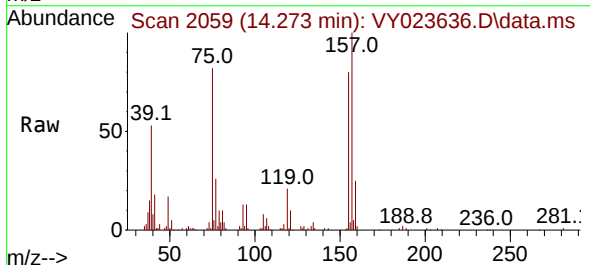
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 495479
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.090 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023636.D
 Acq: 31 Oct 2025 08:50

Tgt Ion: 75 Resp: 25290
 Ion Ratio Lower Upper
 75 100
 155 96.8 50.0 150.0
 157 123.0 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 48.459 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

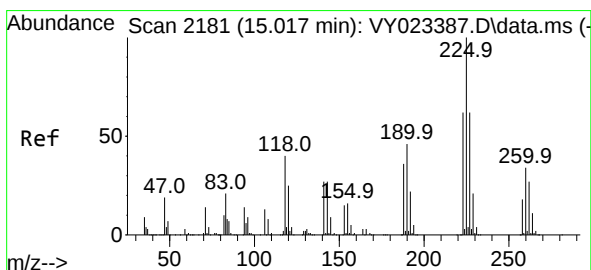
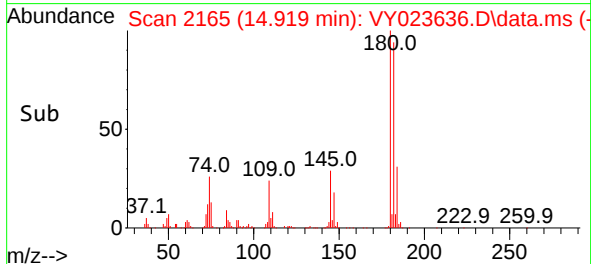
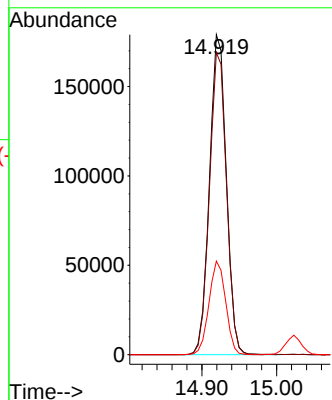
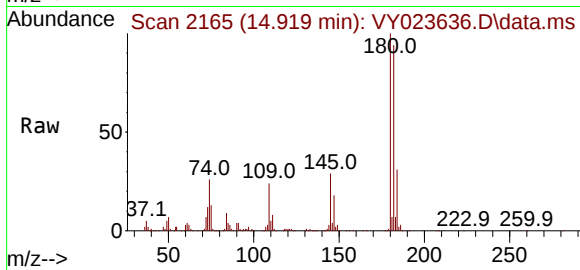
Tgt Ion:180 Resp: 280352

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 29.0 14.7 44.1



#94

Hexachlorobutadiene

Concen: 51.691 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

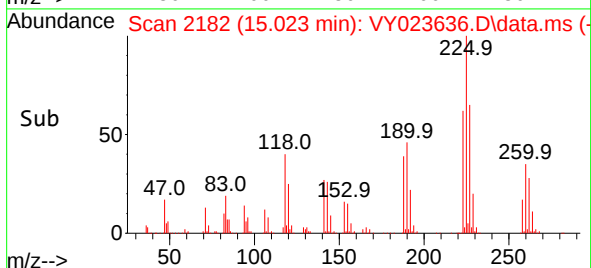
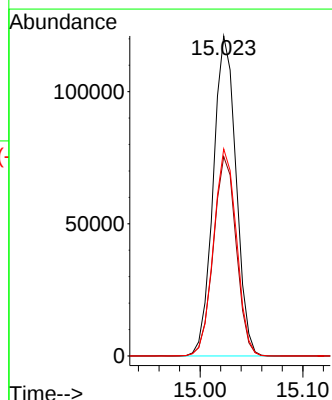
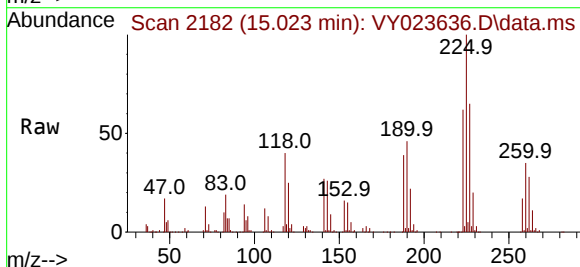
Tgt Ion:225 Resp: 186418

Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 65.1 31.9 95.7





#95

Naphthalene

Concen: 43.578 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

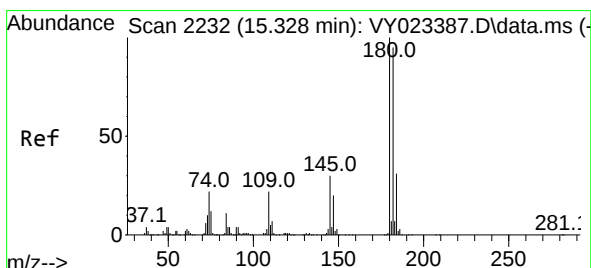
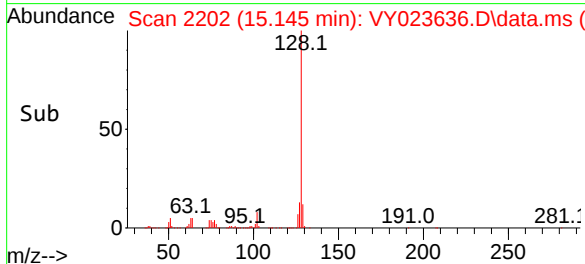
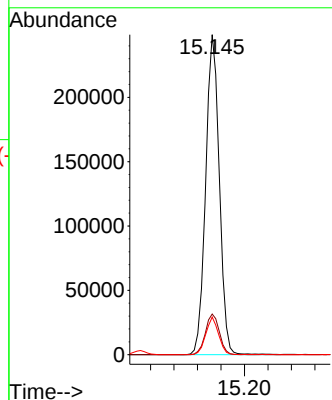
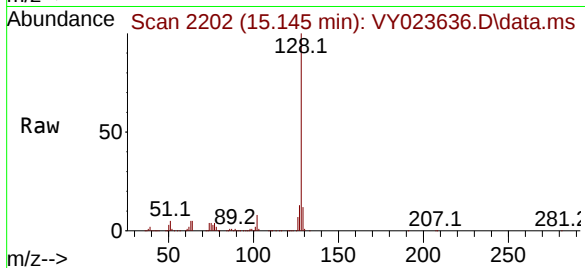
Tgt Ion:128 Resp: 401468

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 46.008 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023636.D

Acq: 31 Oct 2025 08:50

Tgt Ion:180 Resp: 230552

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.8

145 30.5 15.3 45.9

