

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023111.D
 Acq On : 15 Aug 2025 08:39
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 18 02:22:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	443799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	696916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	607348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	306948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	212960	50.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.700%	
35) Dibromofluoromethane	7.634	113	215688	51.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.103	98	840812	51.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.402	95	262368	50.079	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	147210	40.637	ug/l	97
3) Chloromethane	2.068	50	288876	49.235	ug/l	97
4) Vinyl Chloride	2.202	62	388634	53.584	ug/l	99
5) Bromomethane	2.598	94	292335	53.970	ug/l	100
6) Chloroethane	2.733	64	266036	55.172	ug/l	99
7) Trichlorofluoromethane	3.050	101	435783	49.413	ug/l	97
8) Diethyl Ether	3.458	74	109033	46.730	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	214906	49.394	ug/l	98
10) Methyl Iodide	4.001	142	251096	53.482	ug/l	96
11) Tert butyl alcohol	4.866	59	59139	204.058	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	209124	48.899	ug/l	94
13) Acrolein	3.647	56	67121	158.141	ug/l	99
14) Allyl chloride	4.379	41	305726	48.583	ug/l	98
15) Acrylonitrile	5.061	53	226259	238.524	ug/l	99
16) Acetone	3.866	43	257167	280.645	ug/l	99
17) Carbon Disulfide	4.104	76	674565	48.375	ug/l	100
18) Methyl Acetate	4.385	43	131808	48.336	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	536488	48.411	ug/l	99
20) Methylene Chloride	4.610	84	241025	50.654	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	243549	50.676	ug/l	99
22) Diisopropyl ether	6.012	45	696767	50.954	ug/l	94
23) Vinyl Acetate	5.958	43	1859565	245.935	ug/l	99
24) 1,1-Dichloroethane	5.915	63	429668	51.394	ug/l	99
25) 2-Butanone	6.890	43	316503	253.961	ug/l	98
26) 2,2-Dichloropropane	6.884	77	379004	52.538	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	285339	51.356	ug/l	99
28) Bromochloromethane	7.244	49	175456	52.898	ug/l	97
29) Tetrahydrofuran	7.262	42	183118	237.044	ug/l	98
30) Chloroform	7.421	83	451255	52.336	ug/l	99
31) Cyclohexane	7.701	56	375108	47.613	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	394056	51.507	ug/l	99
36) 1,1-Dichloropropene	7.835	75	317586	51.245	ug/l	99
37) Ethyl Acetate	6.982	43	125483	48.201	ug/l	100
38) Carbon Tetrachloride	7.817	117	352681	52.395	ug/l	98
39) Methylcyclohexane	9.109	83	406063	49.756	ug/l	97
40) Benzene	8.079	78	1014264	53.099	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023111.D
 Acq On : 15 Aug 2025 08:39
 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: Aug 18 02:22:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	56915	37.881	ug/l #	75
42) 1,2-Dichloroethane	8.158	62	258937	52.122	ug/l	100
43) Isopropyl Acetate	8.195	43	250740	47.653	ug/l #	85
44) Trichloroethene	8.866	130	255103	51.680	ug/l	97
45) 1,2-Dichloropropane	9.140	63	233639	53.160	ug/l	99
46) Dibromomethane	9.225	93	131880	52.280	ug/l	99
47) Bromodichloromethane	9.420	83	345709	53.260	ug/l	98
48) Methyl methacrylate	9.219	41	121834	48.387	ug/l	96
49) 1,4-Dioxane	9.225	88	28081	949.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	674267	248.424	ug/l	100
52) Toluene	10.170	92	646468	53.288	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	302783	51.512	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	364333	52.418	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	175309	51.936	ug/l	98
56) Ethyl methacrylate	10.438	69	213704	49.477	ug/l	98
57) 1,3-Dichloropropane	10.713	76	293968	51.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	531531	260.887	ug/l	100
59) 2-Hexanone	10.756	43	471343	255.032	ug/l	98
60) Dibromochloromethane	10.908	129	231138	51.895	ug/l	100
61) 1,2-Dibromoethane	11.012	107	160069	50.454	ug/l	100
64) Tetrachloroethene	10.646	164	284630	52.484	ug/l	99
65) Chlorobenzene	11.438	112	693667	52.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	239263	53.813	ug/l	98
67) Ethyl Benzene	11.518	91	1219913	54.111	ug/l	99
68) m/p-Xylenes	11.627	106	953446	108.283	ug/l	99
69) o-Xylene	11.950	106	446920	54.193	ug/l	100
70) Styrene	11.969	104	752144	55.770	ug/l	99
71) Bromoform	12.127	173	128745	49.544	ug/l #	99
73) Isopropylbenzene	12.249	105	1146162	52.906	ug/l	100
74) N-amyl acetate	12.066	43	226300	49.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	182753	49.405	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	249491	84.220	ug/l #	100
77) Bromobenzene	12.530	156	262726	50.833	ug/l	98
78) n-propylbenzene	12.591	91	1396330	54.137	ug/l	100
79) 2-Chlorotoluene	12.676	91	783125	52.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	943980	53.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	59917	48.961	ug/l	99
82) 4-Chlorotoluene	12.773	91	806542	52.611	ug/l	100
83) tert-Butylbenzene	12.993	119	825002	52.171	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	946009	54.277	ug/l	99
85) sec-Butylbenzene	13.170	105	1234484	53.143	ug/l	99
86) p-Isopropyltoluene	13.286	119	1047646	54.334	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	536529	52.641	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	520698	51.501	ug/l	99
89) n-Butylbenzene	13.615	91	955218	53.939	ug/l	98
90) Hexachloroethane	13.877	117	209441	53.061	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	460235	51.489	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27552	47.839	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	243376	46.042	ug/l	98
94) Hexachlorobutadiene	15.017	225	144679	46.578	ug/l	99
95) Naphthalene	15.139	128	408671	45.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	208542	45.784	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
Data File : VY023111.D
Acq On : 15 Aug 2025 08:39
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: Aug 18 02:22:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

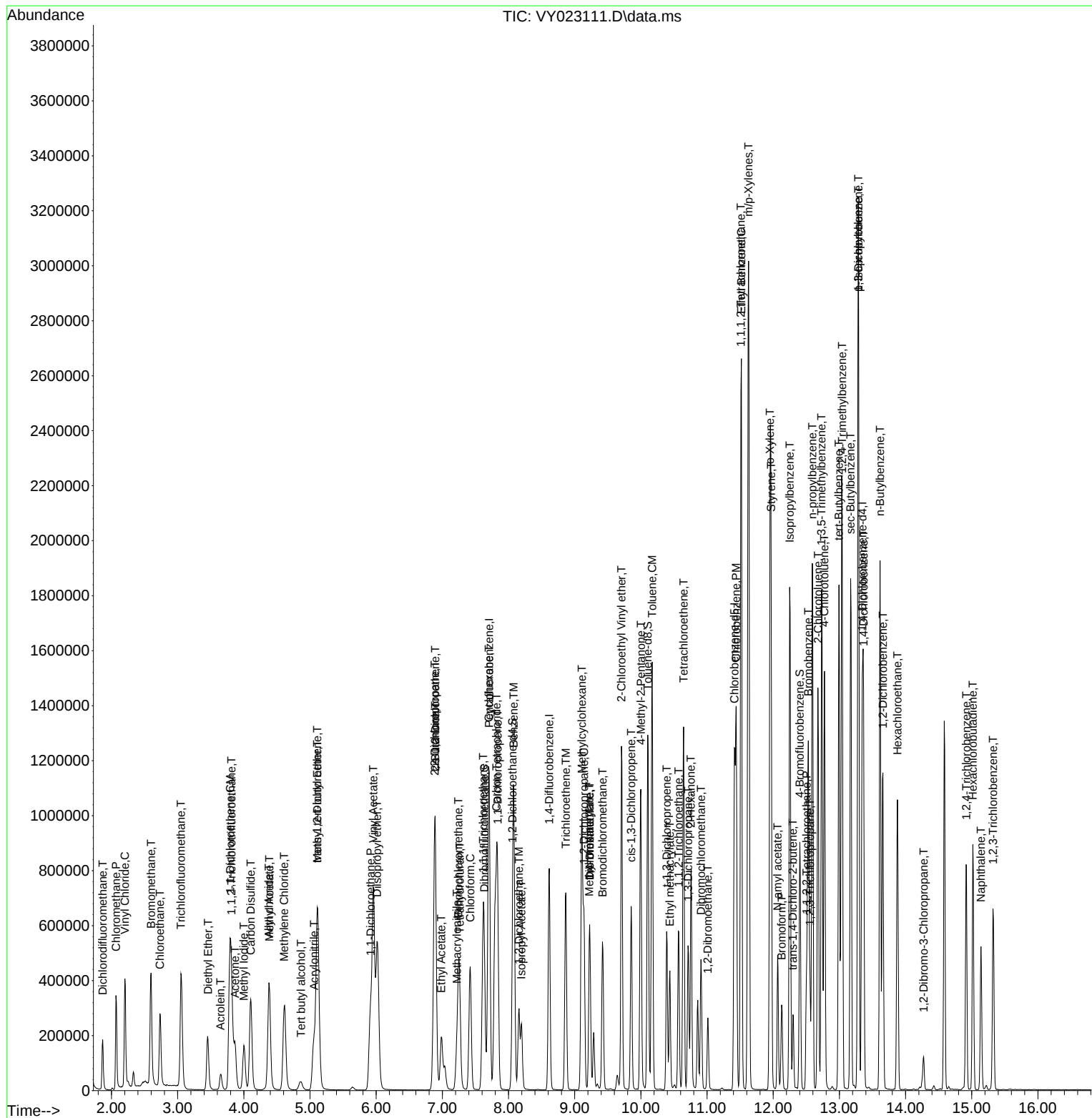
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023111.D
 Acq On : 15 Aug 2025 08:39
 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: Aug 18 02:22:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

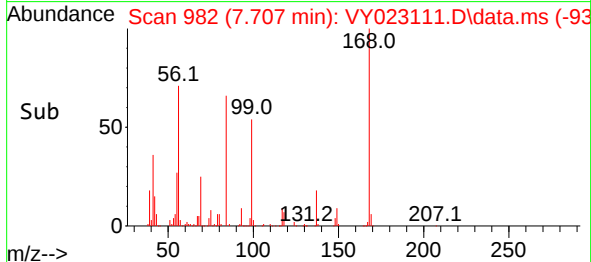
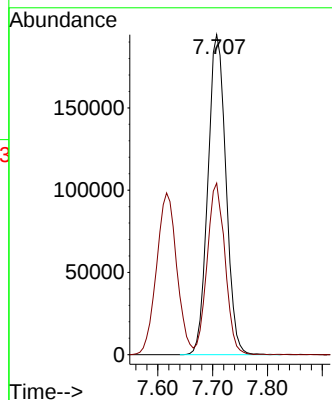
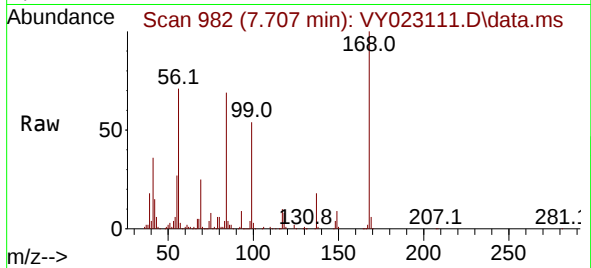




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

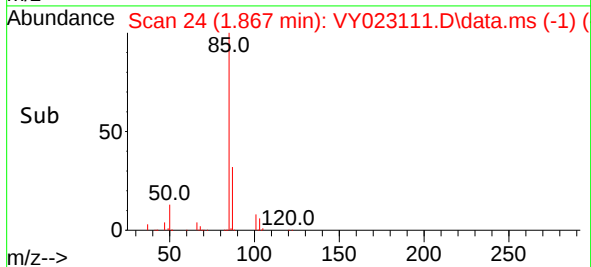
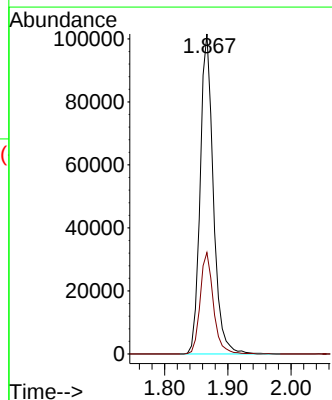
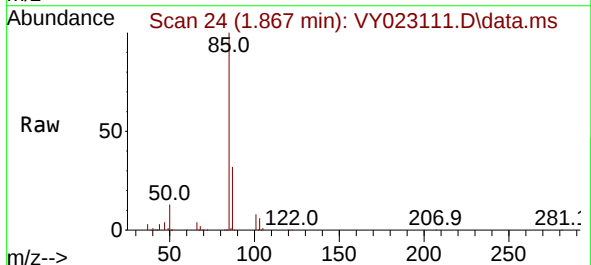
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 443799
Ion Ratio Lower Upper
168 100
99 53.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 40.637 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 85 Resp: 147210
Ion Ratio Lower Upper
85 100
87 31.7 16.6 49.8

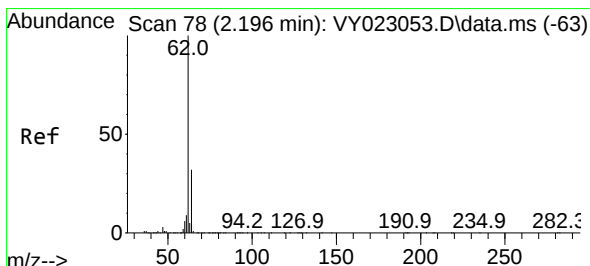
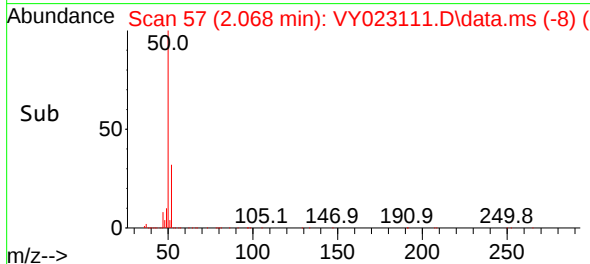
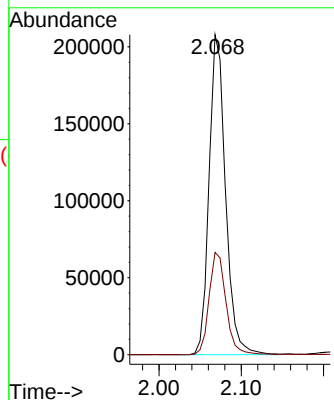
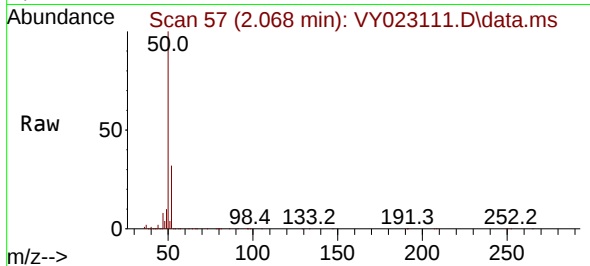




#3
Chloromethane
Concen: 49.235 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

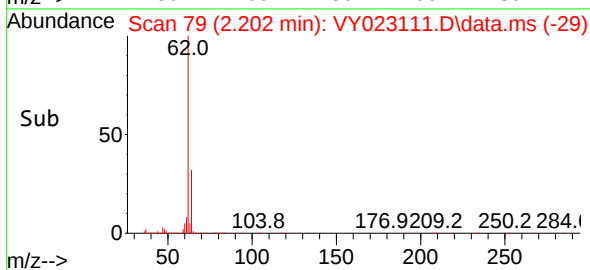
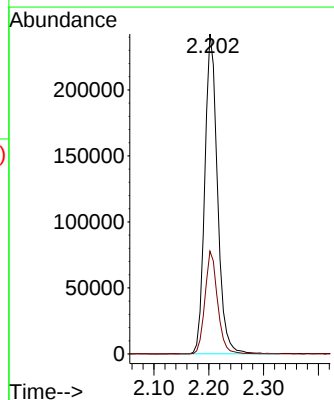
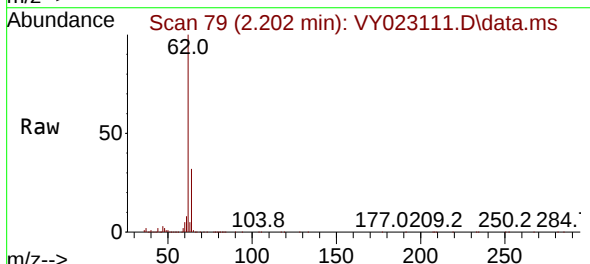
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 288876
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 53.584 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 62 Resp: 388634
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

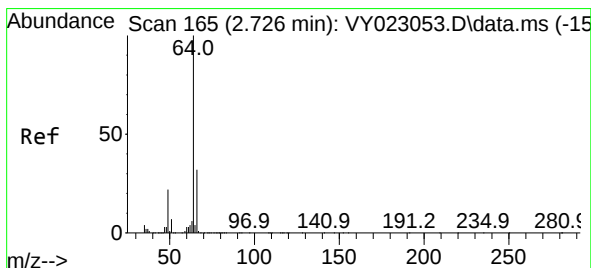
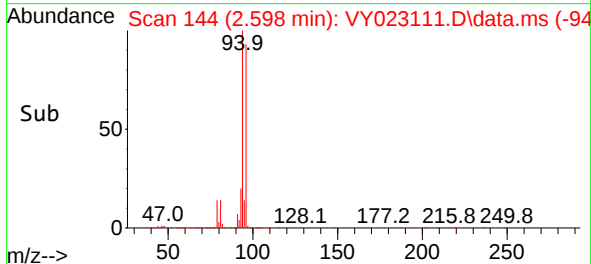
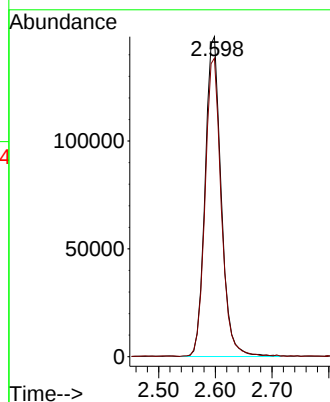
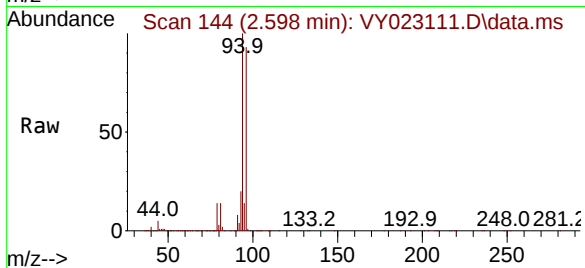




#5
Bromomethane
Concen: 53.970 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

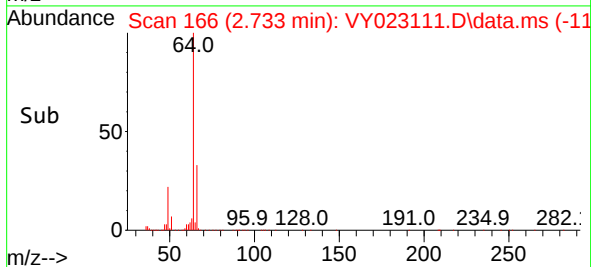
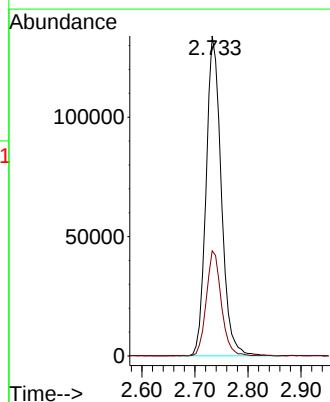
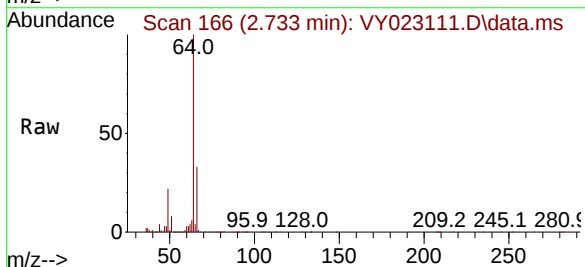
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

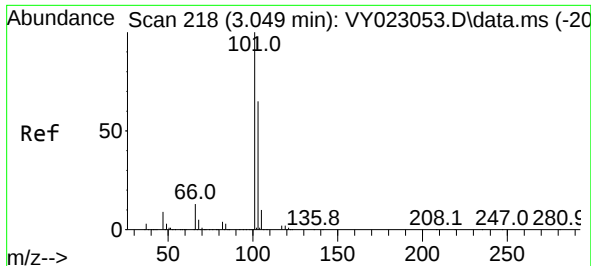
Tgt Ion: 94 Resp: 292335
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0



#6
Chloroethane
Concen: 55.172 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 64 Resp: 266036
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6

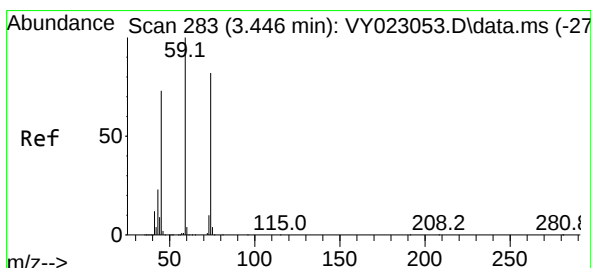
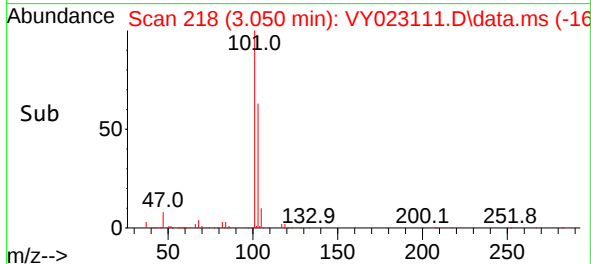
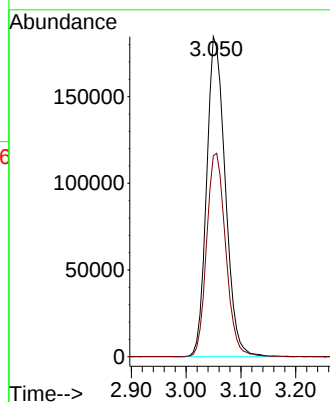
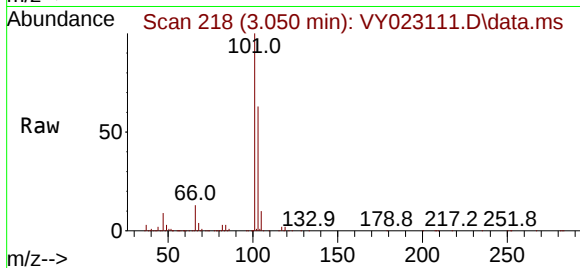




#7
Trichlorofluoromethane
Concen: 49.413 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

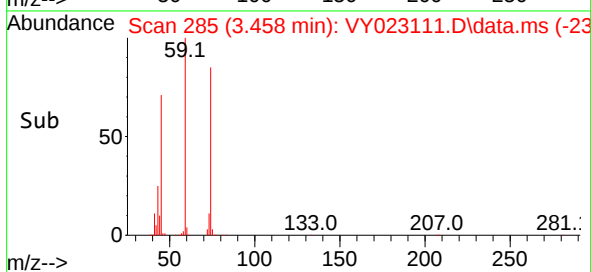
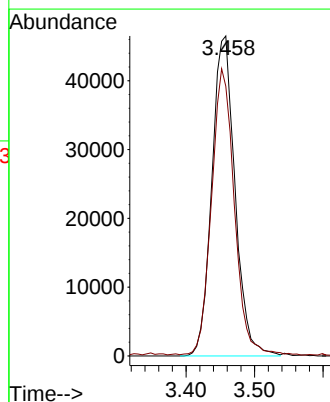
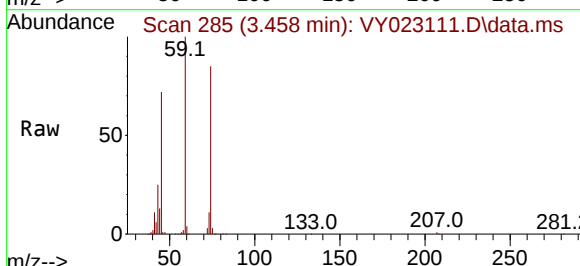
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

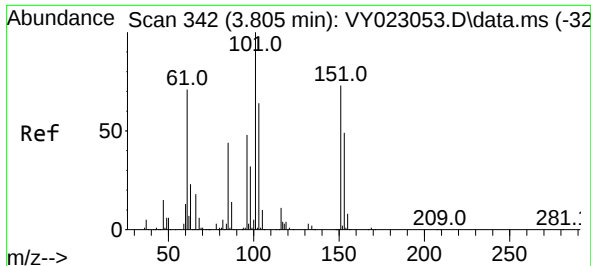
Tgt Ion:101 Resp: 435783
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9



#8
Diethyl Ether
Concen: 46.730 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 74 Resp: 109033
Ion Ratio Lower Upper
74 100
45 88.3 44.4 133.2

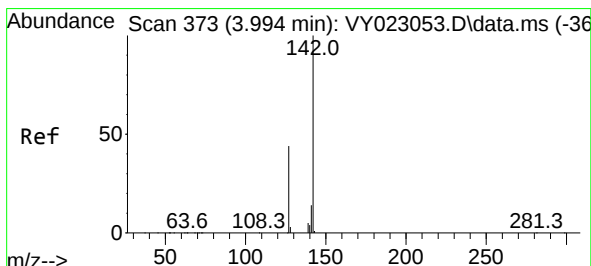
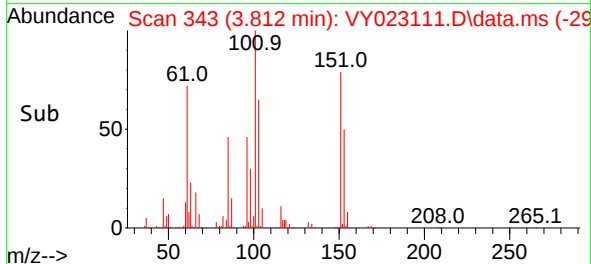
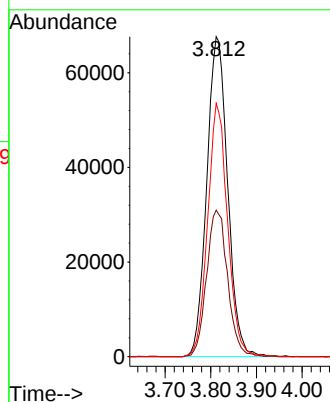
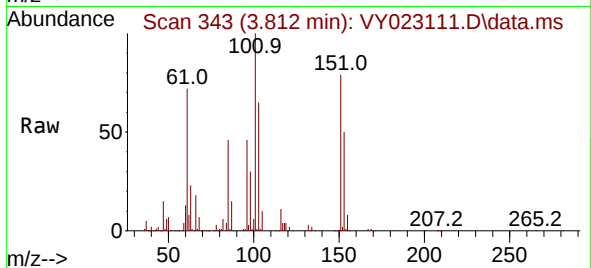




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.394 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

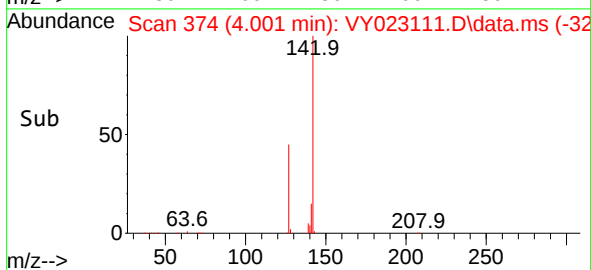
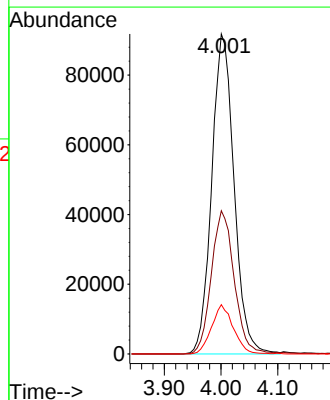
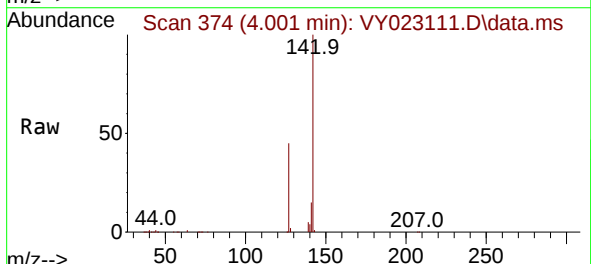
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 214906
Ion Ratio Lower Upper
101 100
85 46.1 36.3 54.5
151 75.4 61.5 92.3



#10
Methyl Iodide
Concen: 53.482 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:142 Resp: 251096
Ion Ratio Lower Upper
142 100
127 46.2 34.9 52.3
141 15.0 11.3 16.9

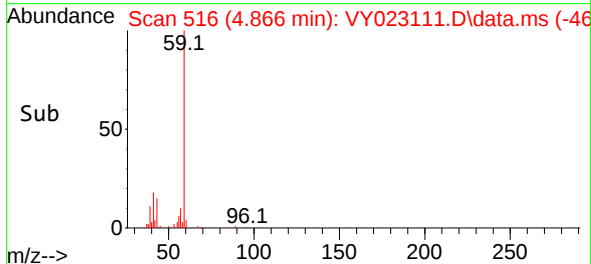
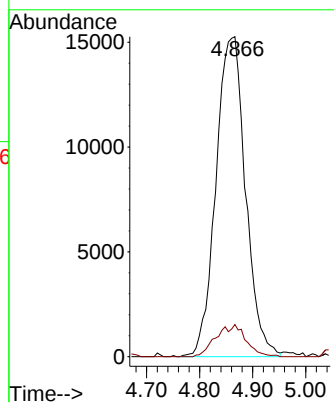
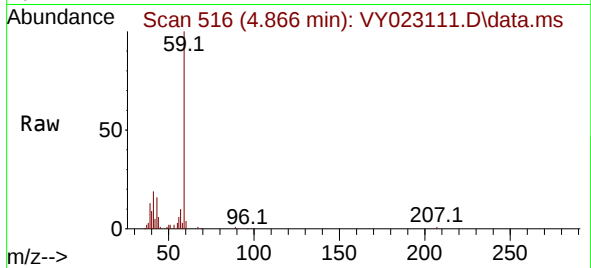




#11
Tert butyl alcohol
Concen: 204.058 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

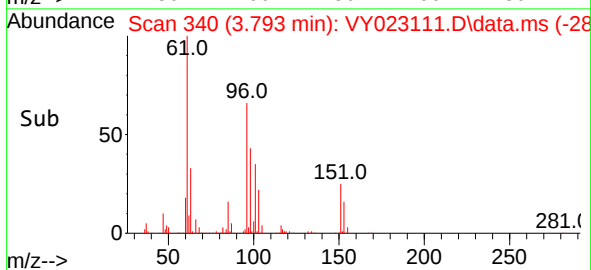
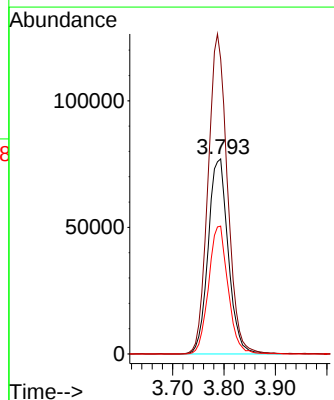
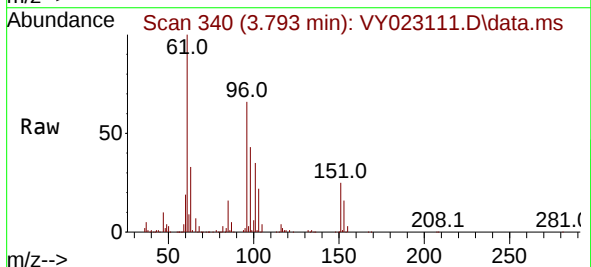
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 59139
Ion Ratio Lower Upper
59 100
57 4.9 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 48.899 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 96 Resp: 209124
Ion Ratio Lower Upper
96 100
61 151.1 129.4 194.2
98 65.5 52.8 79.2

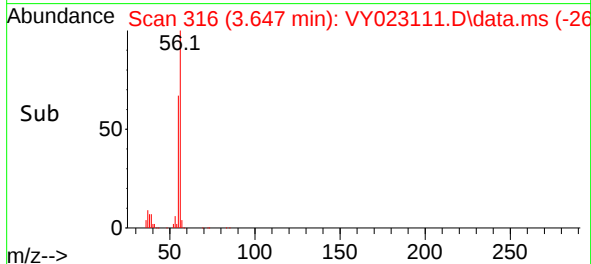
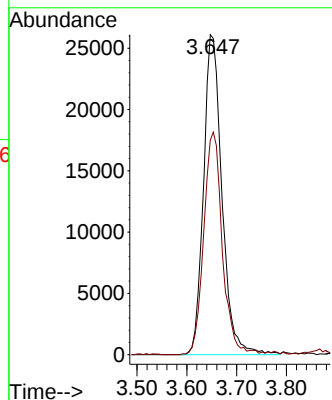
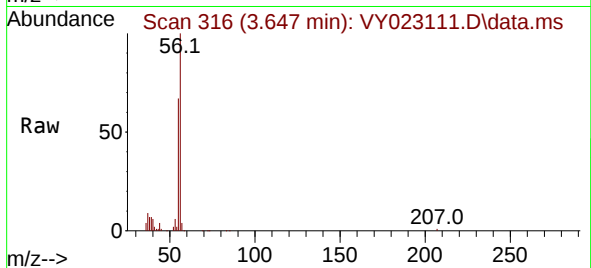




#13
Acrolein
Concen: 158.141 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

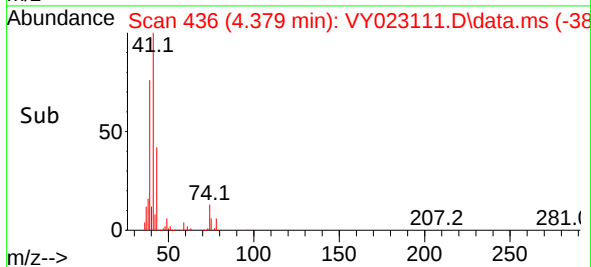
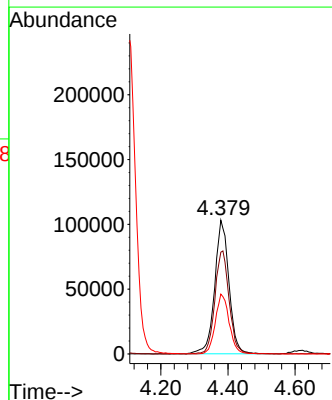
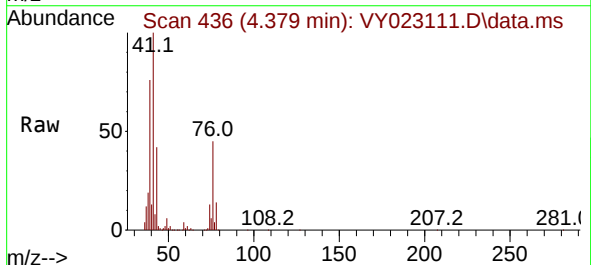
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

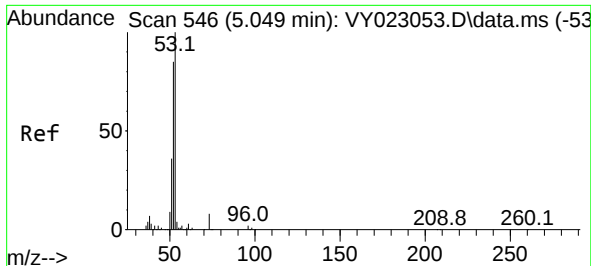
Tgt Ion: 56 Resp: 67121
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8



#14
Allyl chloride
Concen: 48.583 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 41 Resp: 305726
Ion Ratio Lower Upper
41 100
39 76.2 59.8 89.6
76 43.2 33.7 50.5

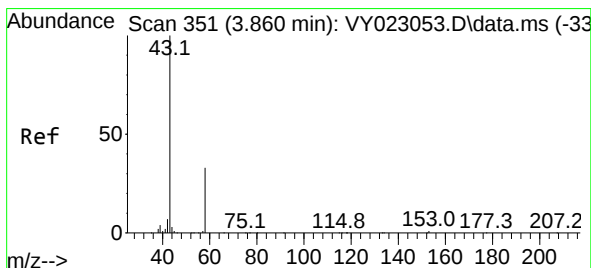
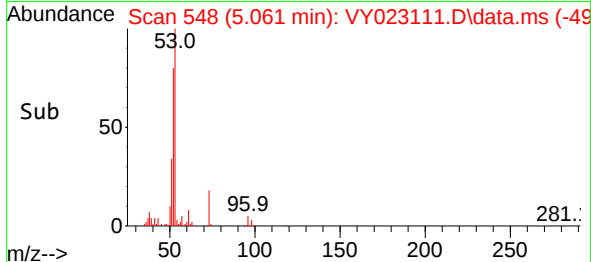
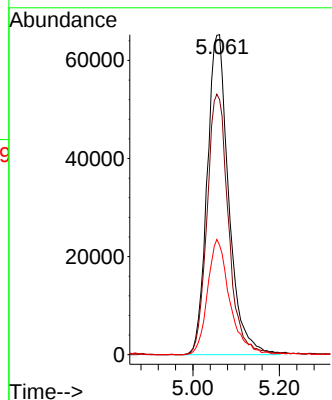
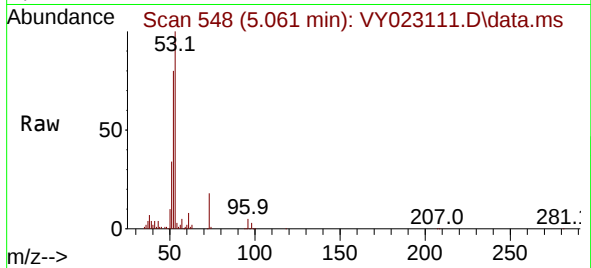




#15
Acrylonitrile
Concen: 238.524 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

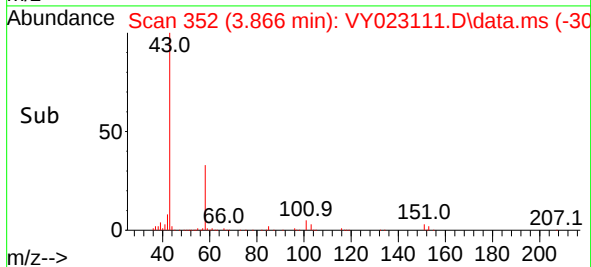
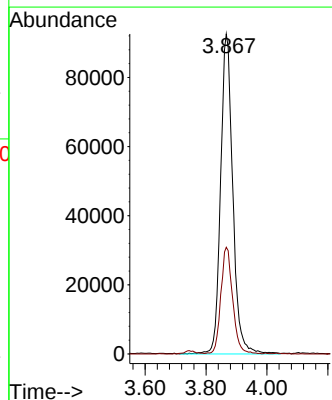
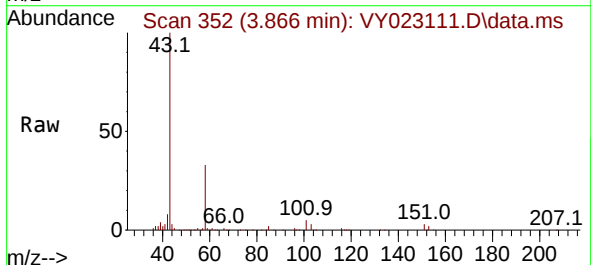
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

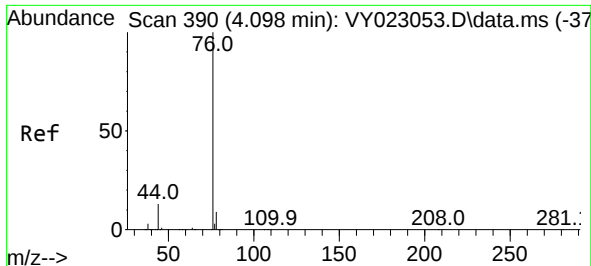
Tgt Ion: 53 Resp: 226259
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 37.1 29.5 44.3



#16
Acetone
Concen: 280.645 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 43 Resp: 257167
Ion Ratio Lower Upper
43 100
58 33.3 27.1 40.7

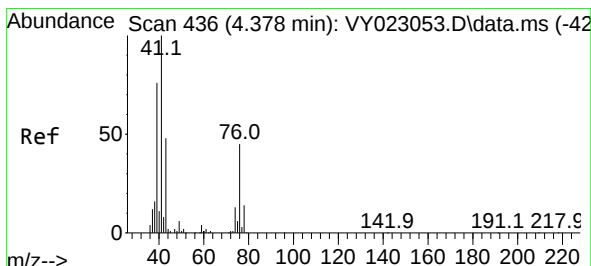
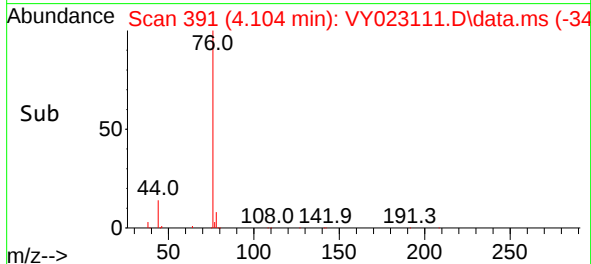
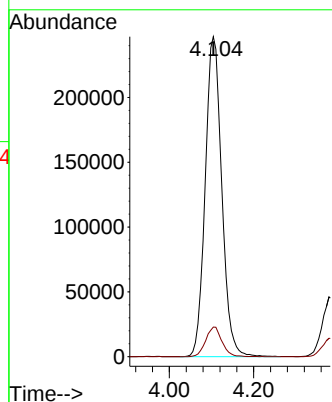
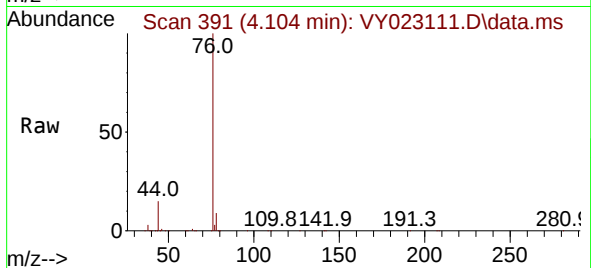




#17
Carbon Disulfide
Concen: 48.375 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

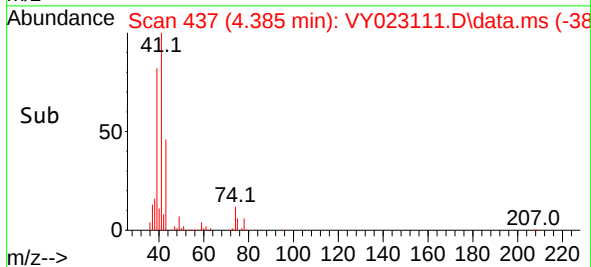
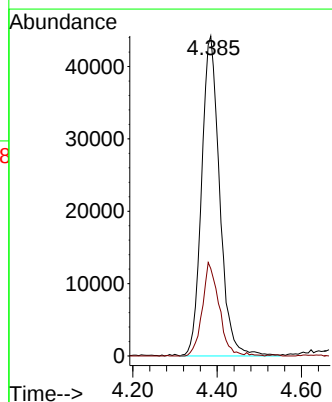
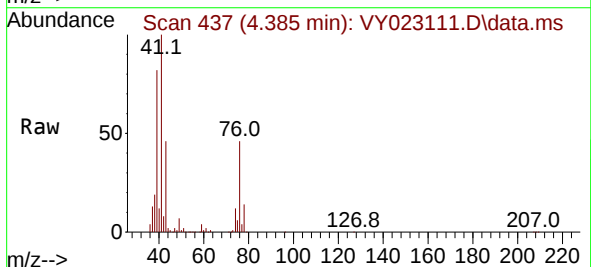
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

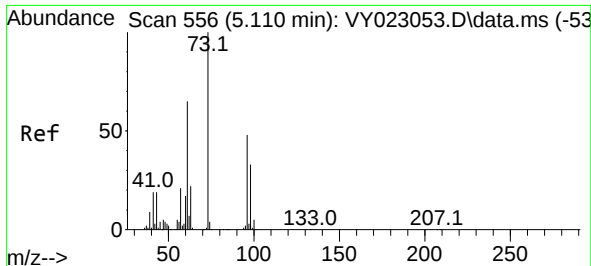
Tgt Ion: 76 Resp: 674565
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 48.336 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 43 Resp: 131808
Ion Ratio Lower Upper
43 100
74 26.9 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 48.411 ug/l

RT: 5.110 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

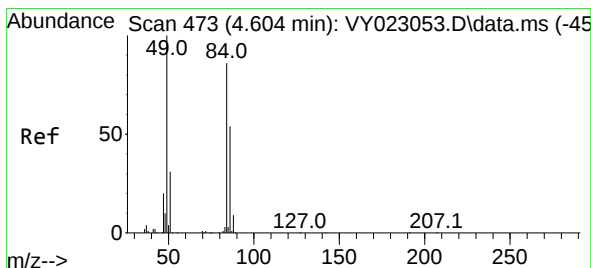
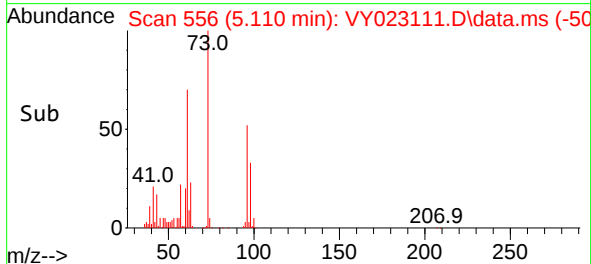
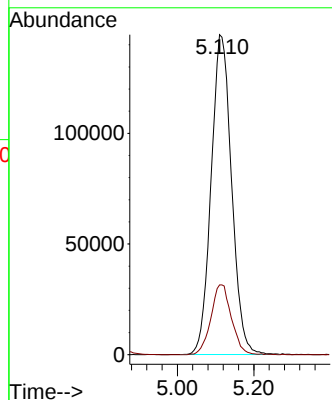
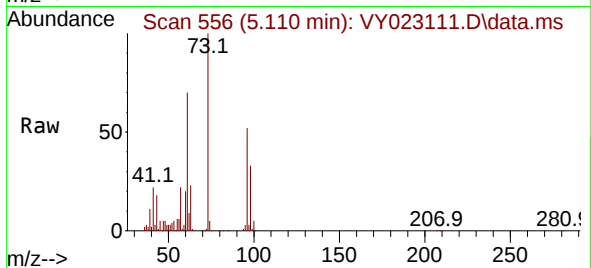
VSTDCCC050

Tgt Ion: 73 Resp: 536488

Ion Ratio Lower Upper

73 100

57 21.8 17.1 25.7



#20

Methylene Chloride

Concen: 50.654 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Tgt Ion: 84 Resp: 241025

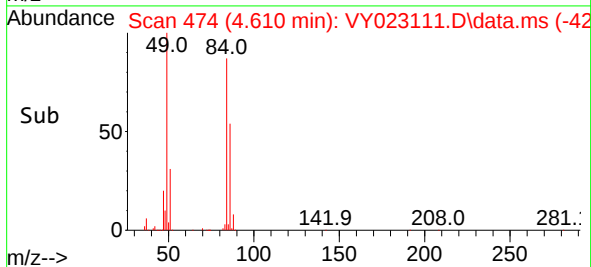
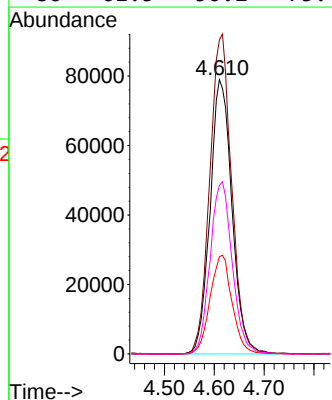
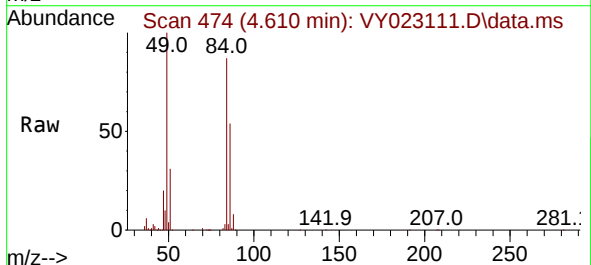
Ion Ratio Lower Upper

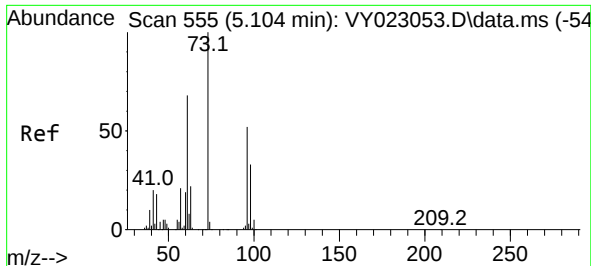
84 100

49 114.5 93.0 139.6

51 35.4 29.0 43.4

86 61.5 50.2 75.4

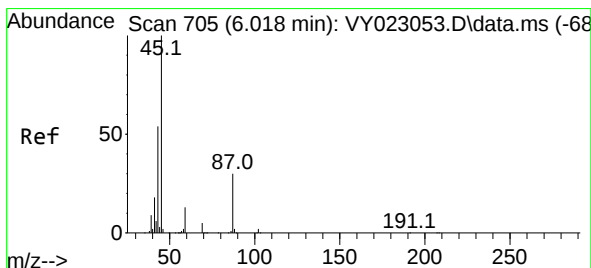
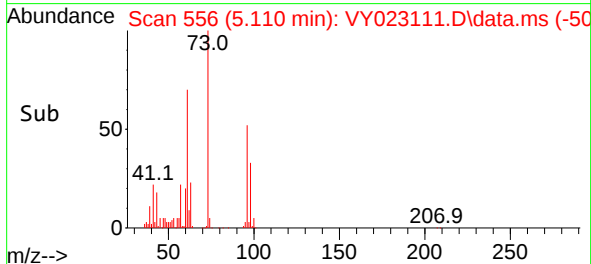
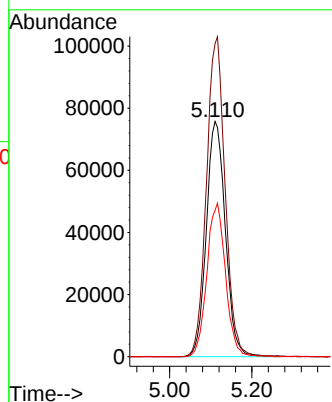
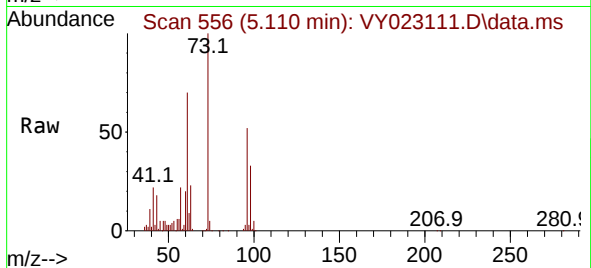




#21
trans-1,2-Dichloroethene
Concen: 50.676 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

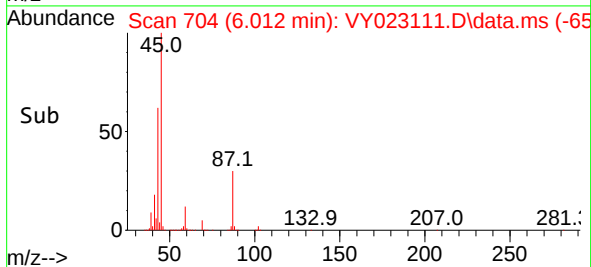
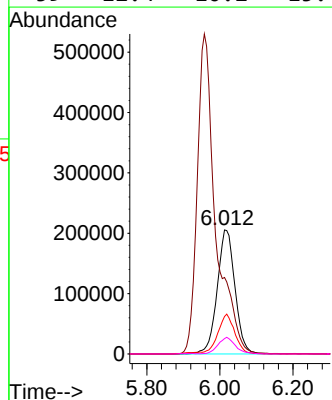
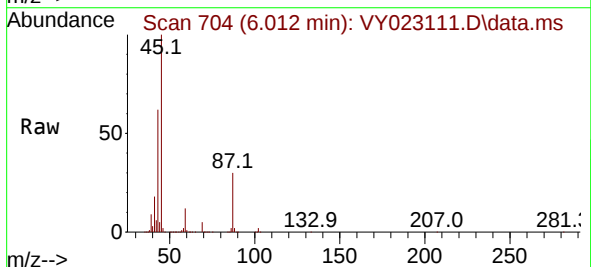
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 243549
Ion Ratio Lower Upper
96 100
61 133.1 104.8 157.2
98 62.2 50.1 75.1



#22
Diisopropyl ether
Concen: 50.954 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 45 Resp: 696767
Ion Ratio Lower Upper
45 100
43 61.4 43.4 65.0
87 30.2 24.4 36.6
59 12.4 10.2 15.4

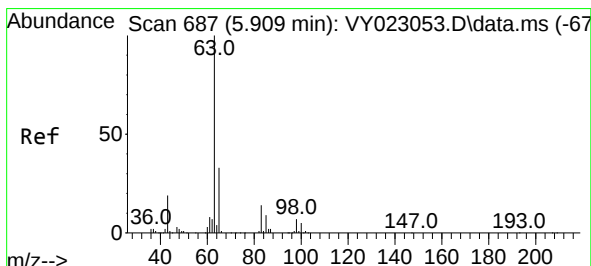
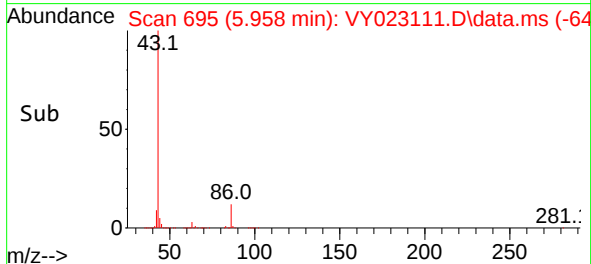
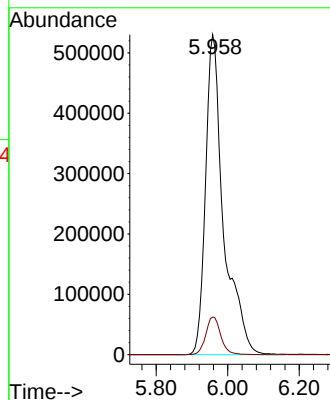
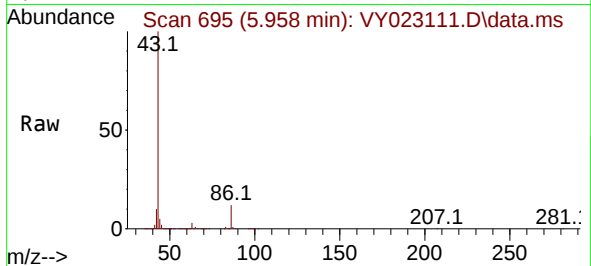




#23
 Vinyl Acetate
 Concen: 245.935 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY023111.D
 Acq: 15 Aug 2025 08:39

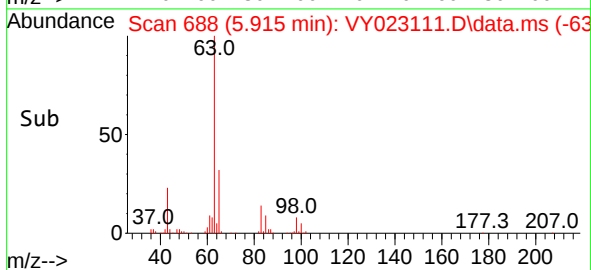
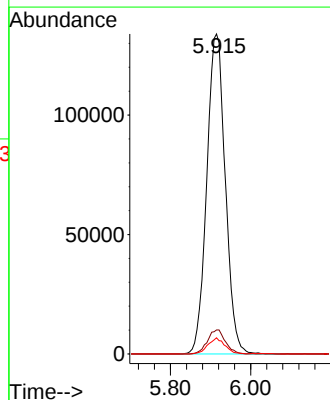
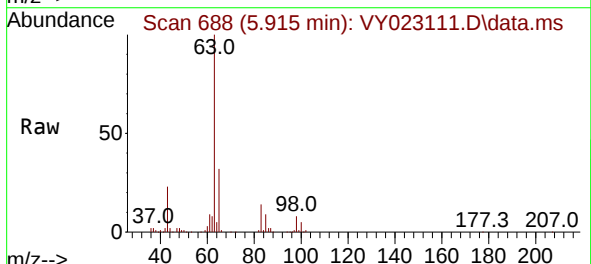
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

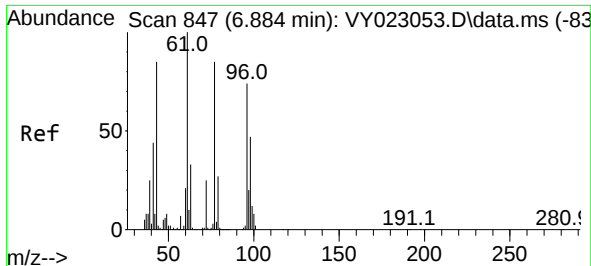
Tgt Ion: 43 Resp: 1859565
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 51.394 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023111.D
 Acq: 15 Aug 2025 08:39

Tgt Ion: 63 Resp: 429668
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 5.1 2.4 7.1

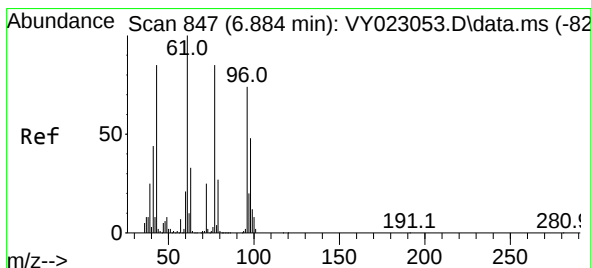
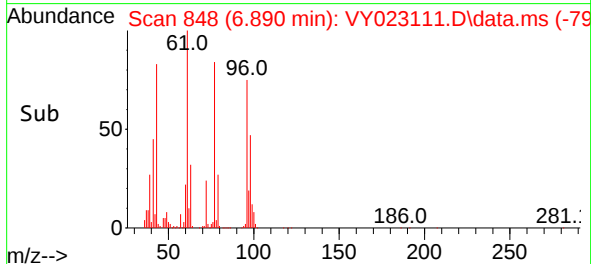
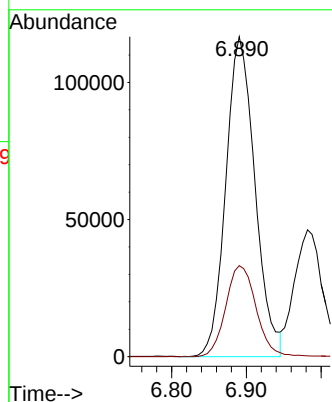
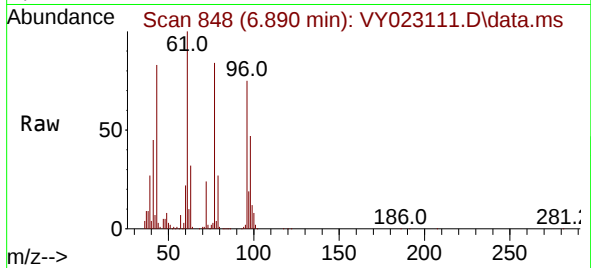




#25
2-Butanone
Concen: 253.961 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

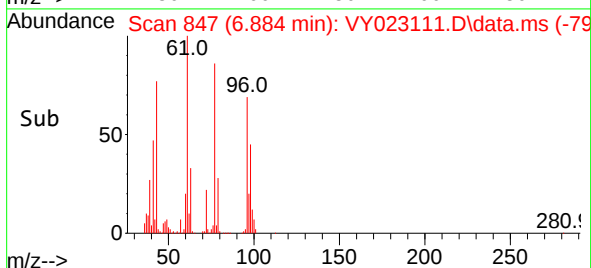
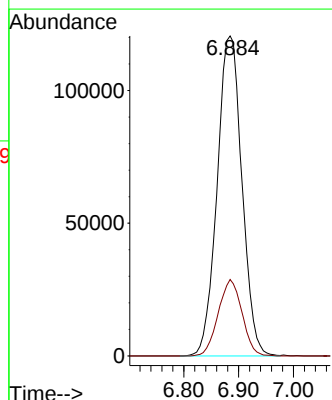
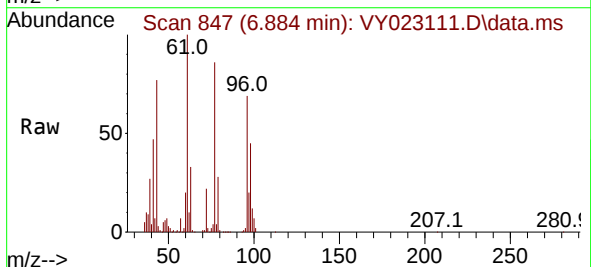
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

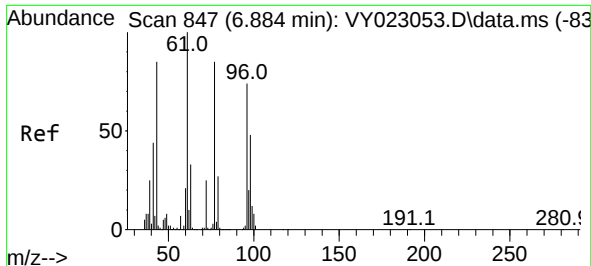
Tgt Ion: 43 Resp: 316503
Ion Ratio Lower Upper
43 100
72 28.4 23.5 35.3



#26
2,2-Dichloropropane
Concen: 52.538 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 77 Resp: 379004
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.356 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

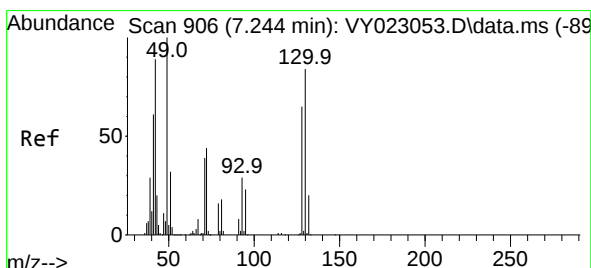
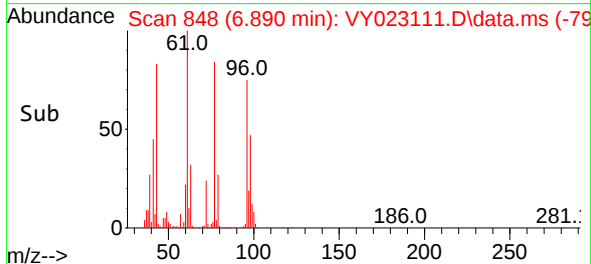
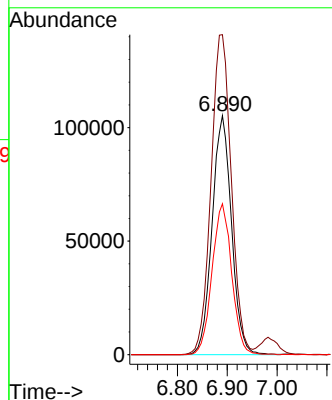
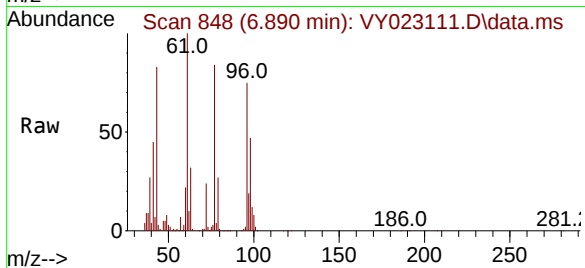
Tgt Ion: 96 Resp: 285339

Ion Ratio Lower Upper

96 100

61 139.9 0.0 278.6

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 52.898 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

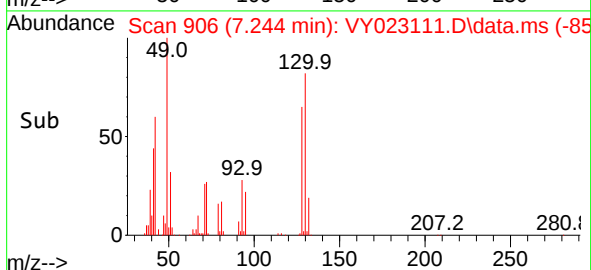
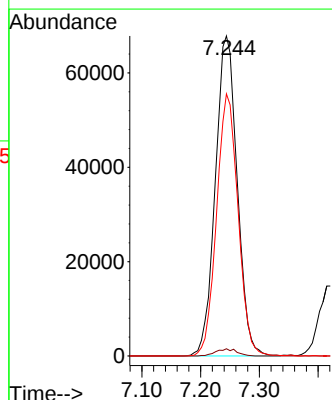
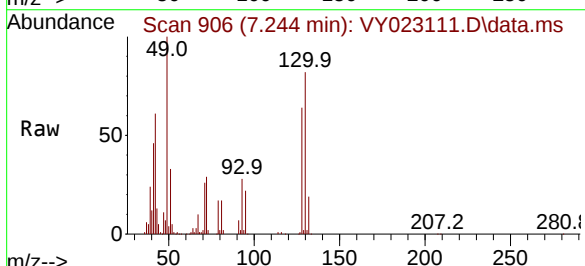
Tgt Ion: 49 Resp: 175456

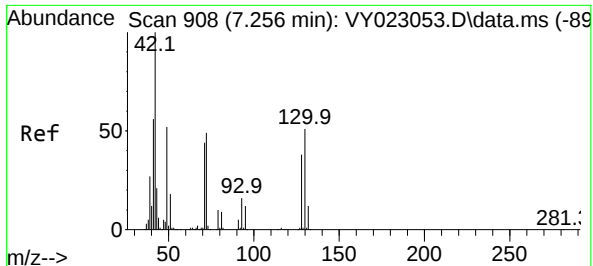
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 80.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 237.044 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

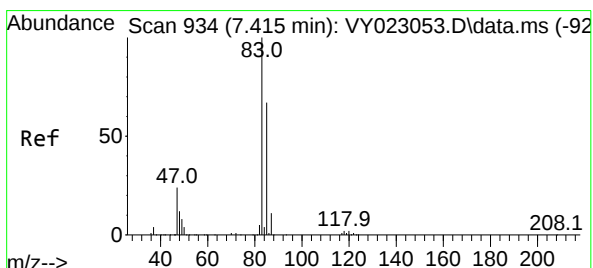
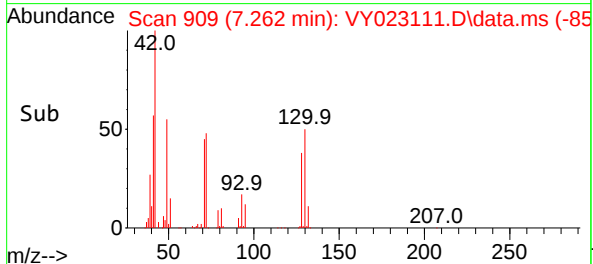
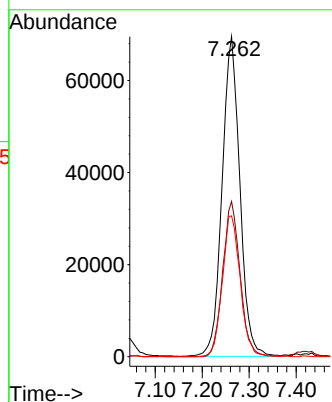
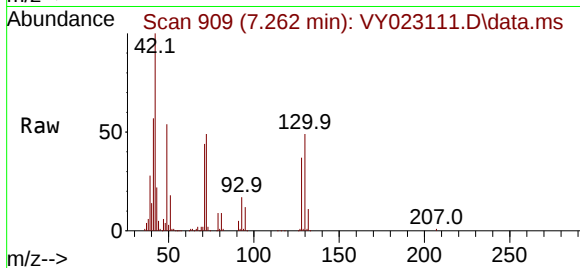
Tgt Ion: 42 Resp: 183118

Ion Ratio Lower Upper

42 100

72 47.4 39.4 59.2

71 44.2 36.5 54.7



#30

Chloroform

Concen: 52.336 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023111.D

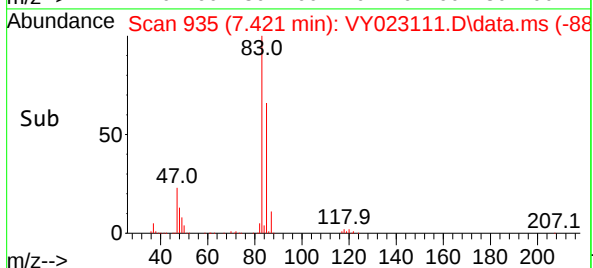
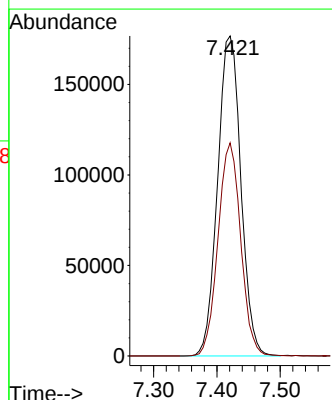
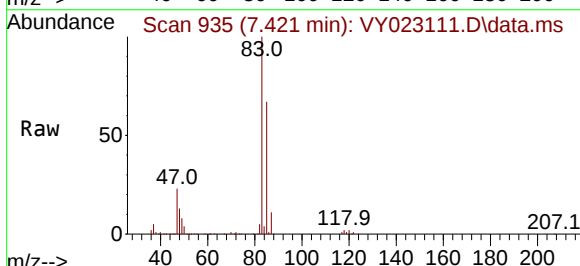
Acq: 15 Aug 2025 08:39

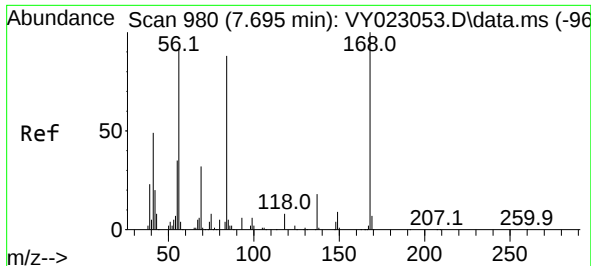
Tgt Ion: 83 Resp: 451255

Ion Ratio Lower Upper

83 100

85 66.6 53.8 80.8

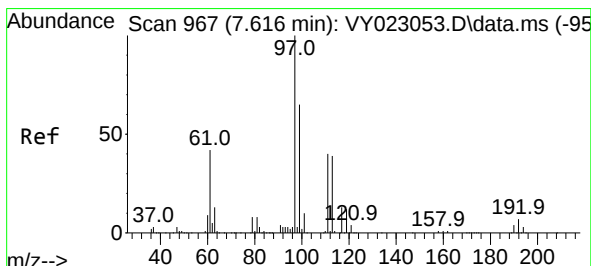
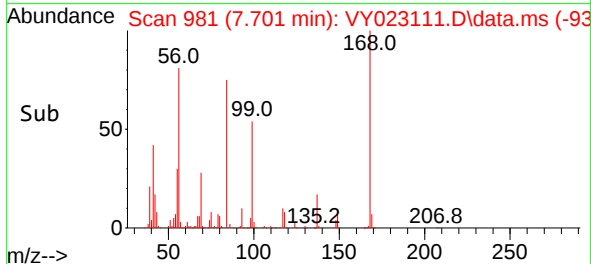
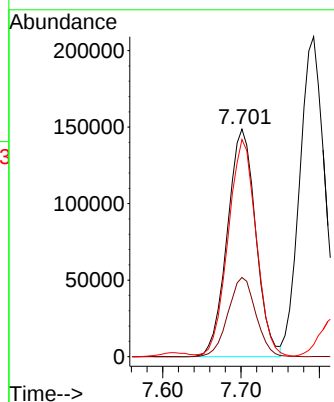
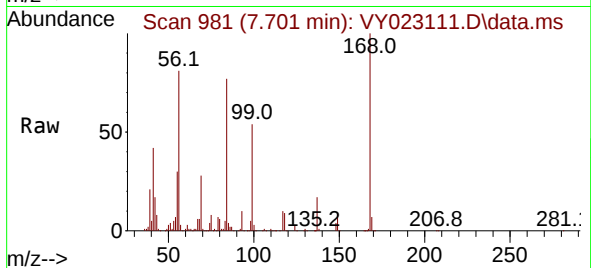




#31
Cyclohexane
Concen: 47.613 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

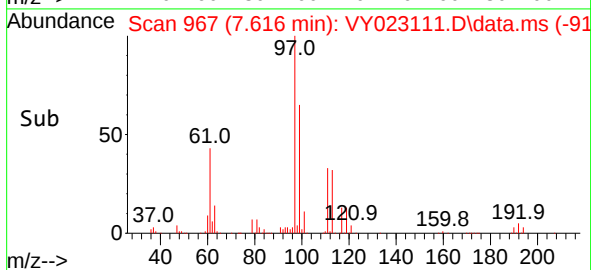
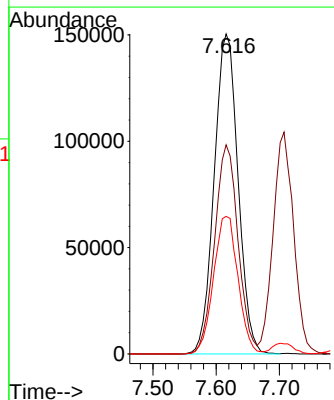
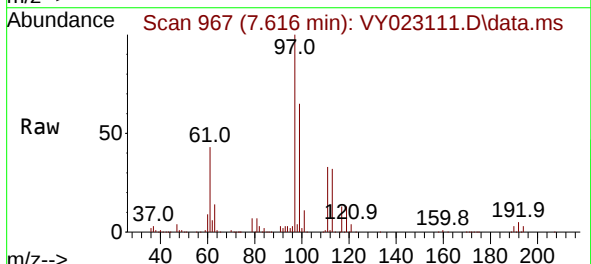
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 375108
Ion Ratio Lower Upper
56 100
69 34.8 28.2 42.2
84 94.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 51.507 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 97 Resp: 394056
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 44.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.349 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

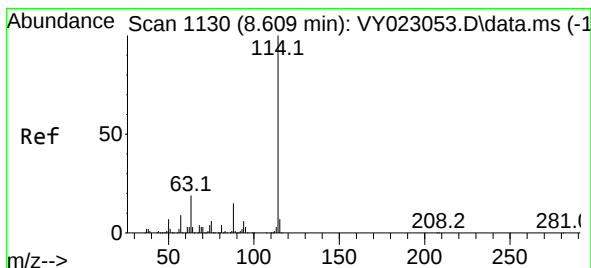
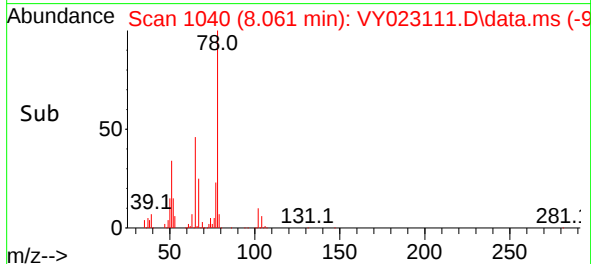
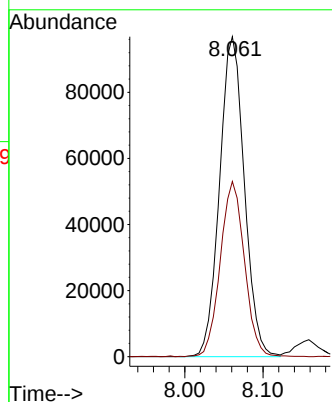
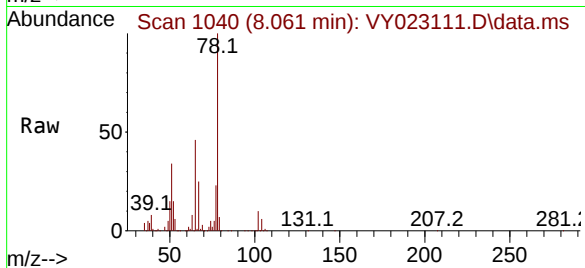
VSTDCCC050

Tgt Ion: 65 Resp: 212960

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

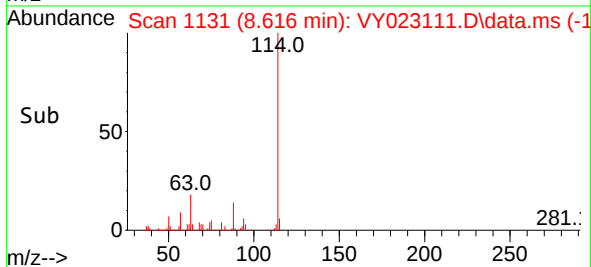
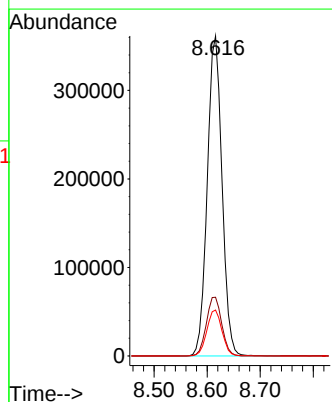
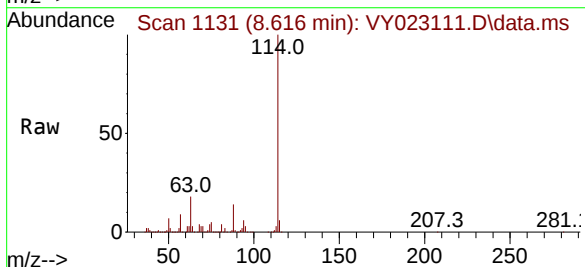
Tgt Ion: 114 Resp: 696916

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.4 0.0 30.0

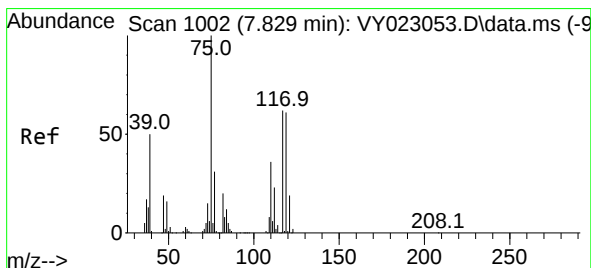
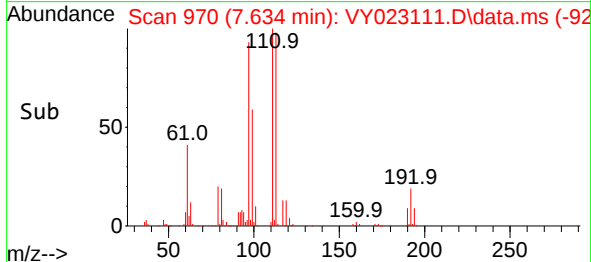
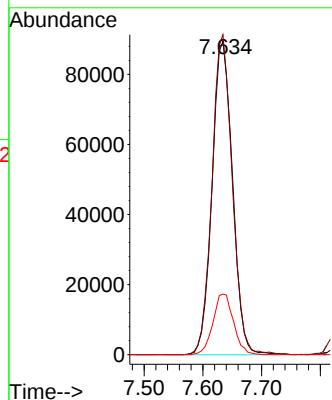
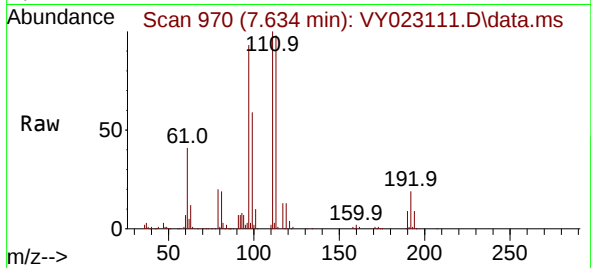




#35
Dibromofluoromethane
Concen: 51.722 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

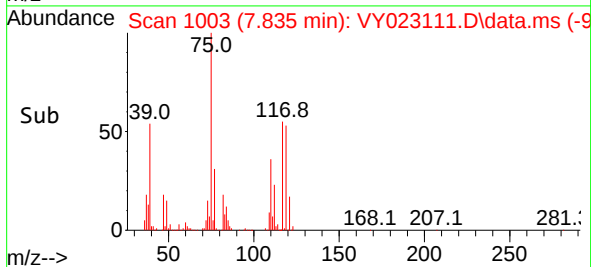
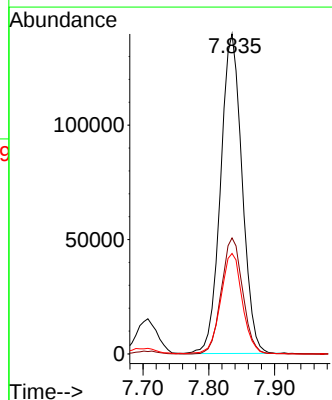
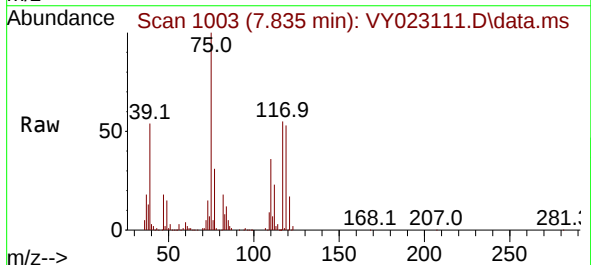
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

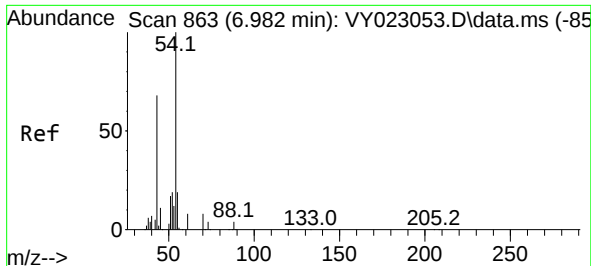
Tgt Ion:113 Resp: 215688
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 51.245 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 75 Resp: 317586
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.4
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 48.201 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

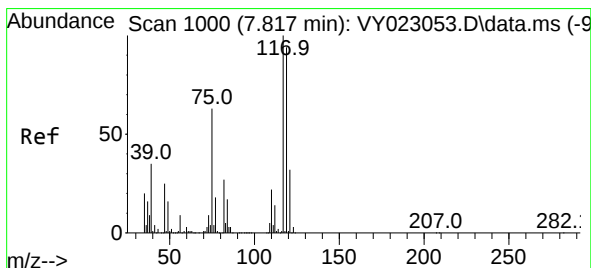
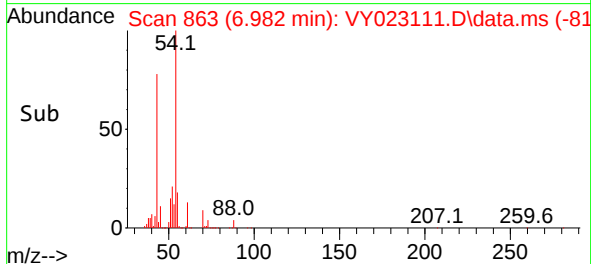
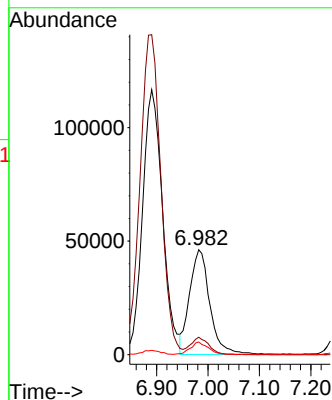
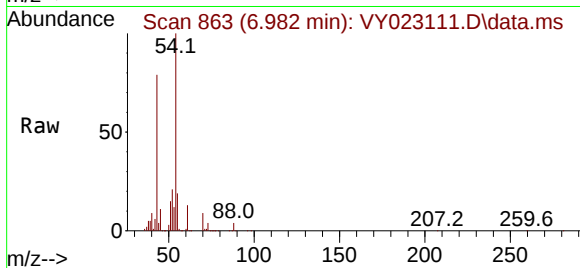
Tgt Ion: 43 Resp: 125483

Ion Ratio Lower Upper

43 100

61 14.8 11.9 17.9

70 10.8 8.8 13.2



#38

Carbon Tetrachloride

Concen: 52.395 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

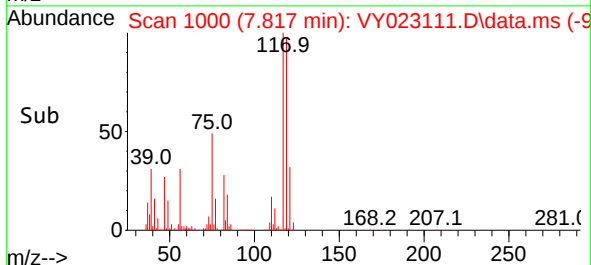
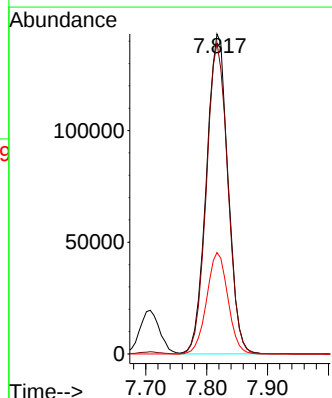
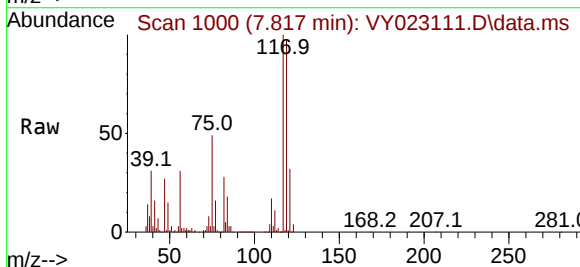
Tgt Ion: 117 Resp: 352681

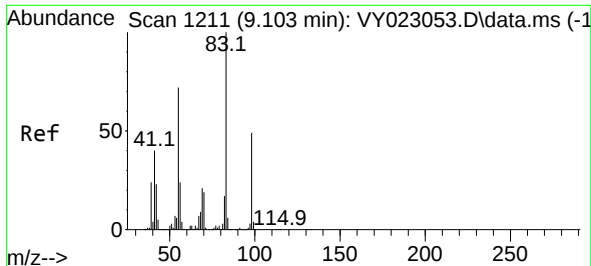
Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

121 31.7 25.8 38.8





#39

Methylcyclohexane

Concen: 49.756 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

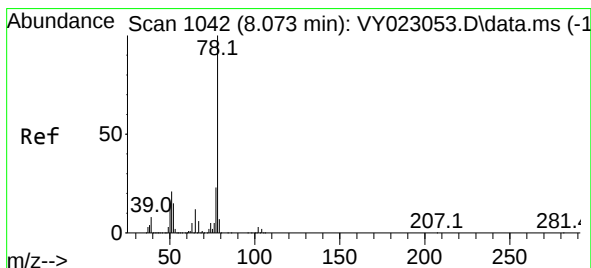
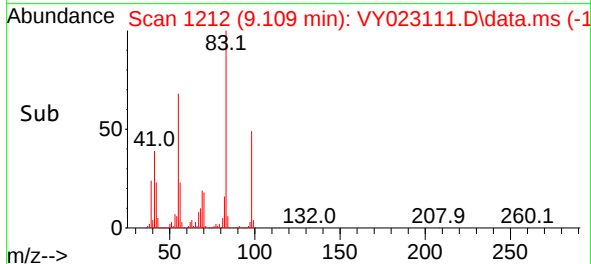
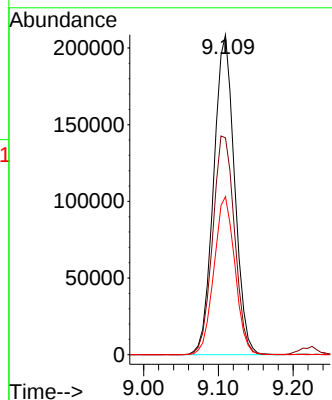
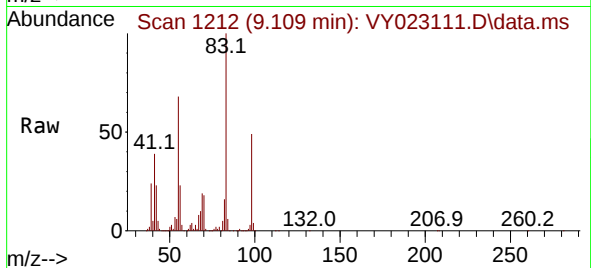
Tgt Ion: 83 Resp: 406063

Ion Ratio Lower Upper

83 100

55 67.7 57.6 86.4

98 49.4 39.2 58.8



#40

Benzene

Concen: 53.099 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023111.D

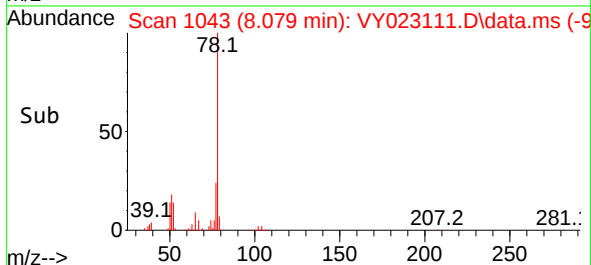
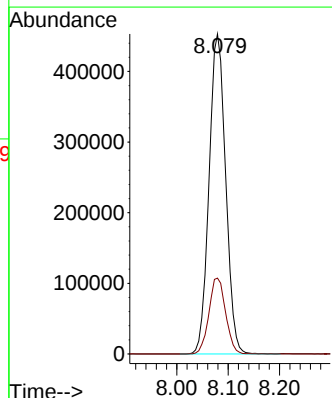
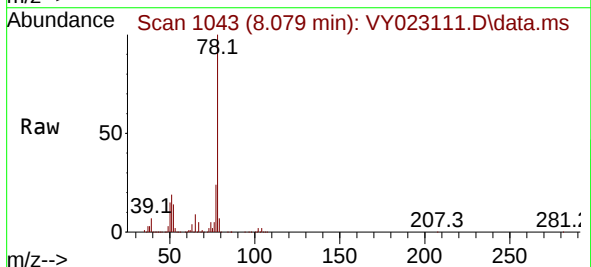
Acq: 15 Aug 2025 08:39

Tgt Ion: 78 Resp: 1014264

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

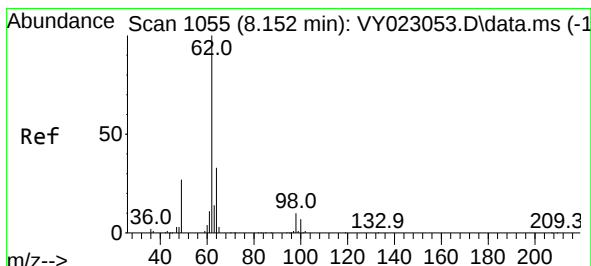
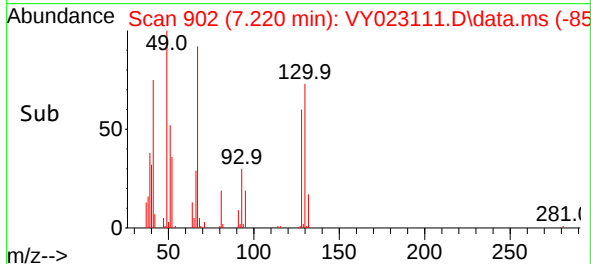
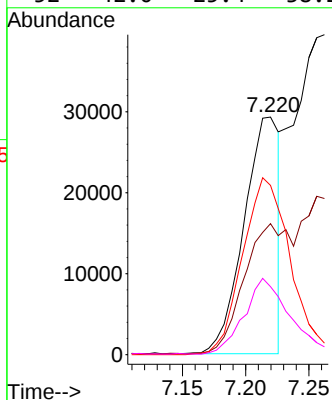
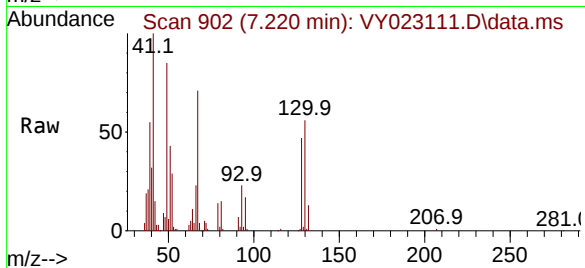




#41
Methacrylonitrile
Concen: 37.881 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

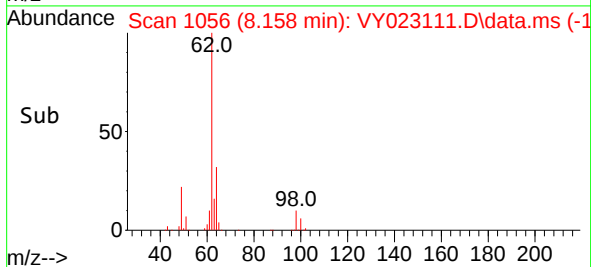
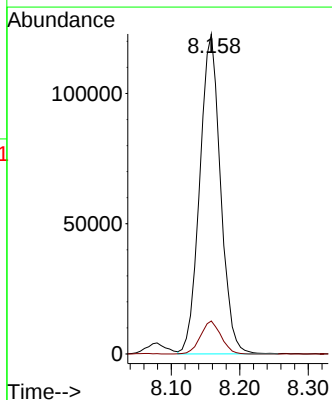
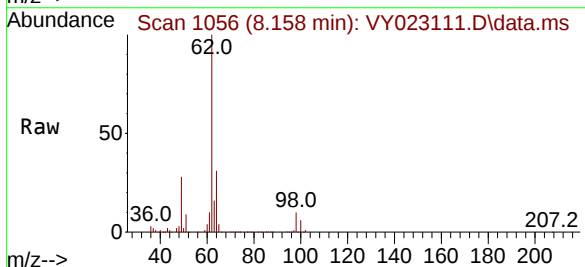
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	56915
Ion	Ratio	Lower	Upper
41	100		
39	73.3	43.4	65.2#
67	102.6	63.6	95.4#
52	42.0	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 52.122 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:	62	Resp:	258937
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6

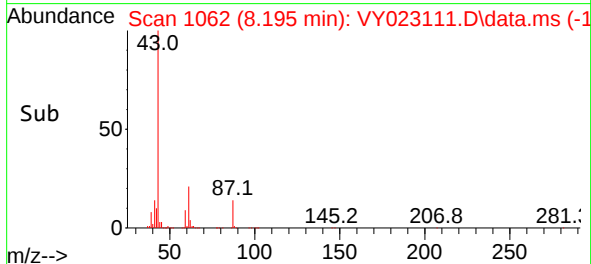
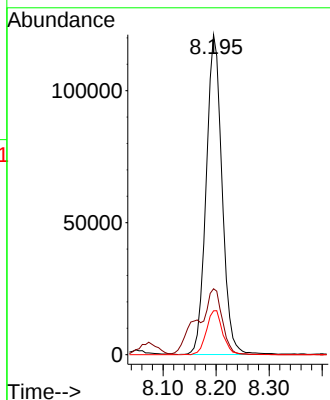
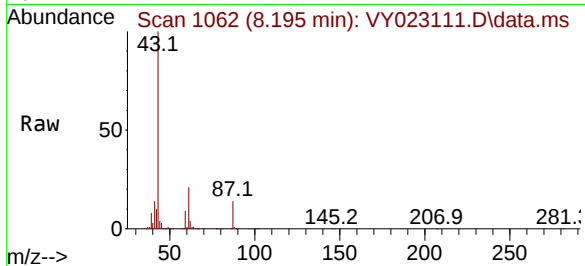




#43
Isopropyl Acetate
Concen: 47.653 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

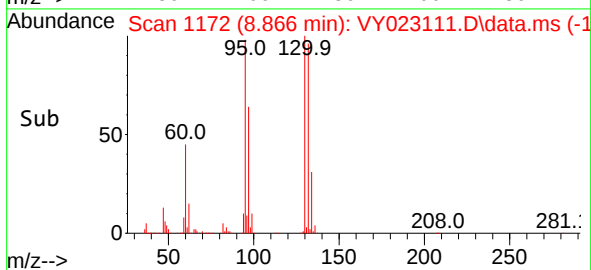
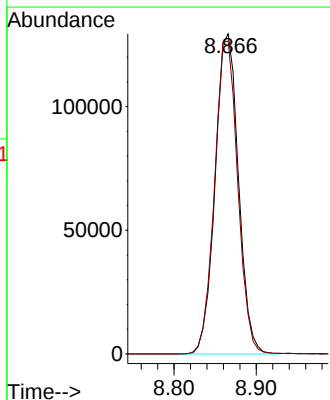
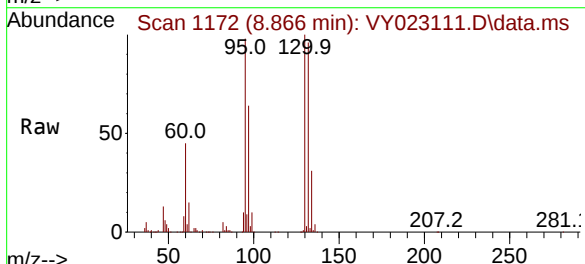
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

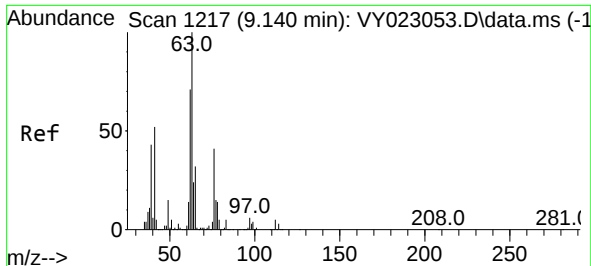
Tgt Ion: 43 Resp: 250740
Ion Ratio Lower Upper
43 100
61 31.8 16.4 24.6#
87 14.3 11.8 17.6



#44
Trichloroethene
Concen: 51.680 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:130 Resp: 255103
Ion Ratio Lower Upper
130 100
95 97.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 53.160 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

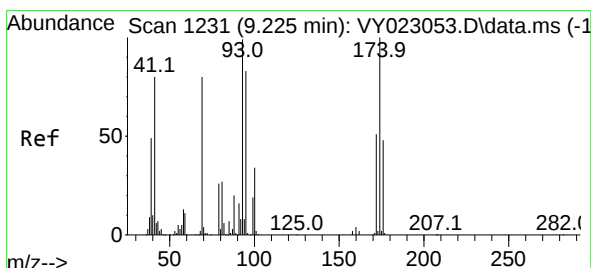
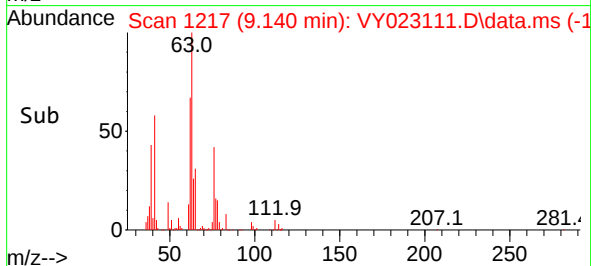
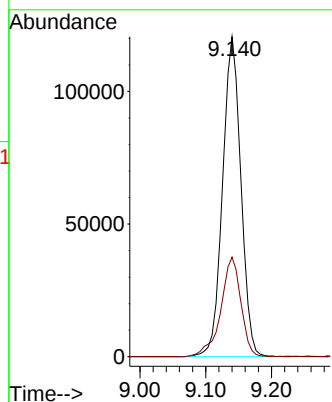
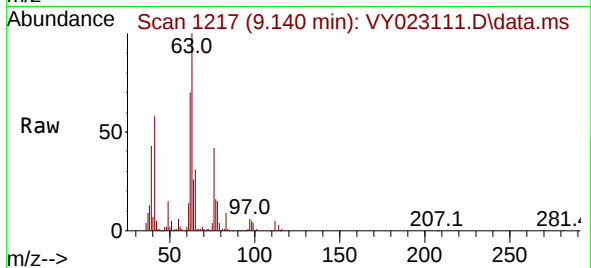
VSTDCCC050

Tgt Ion: 63 Resp: 233639

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 52.280 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

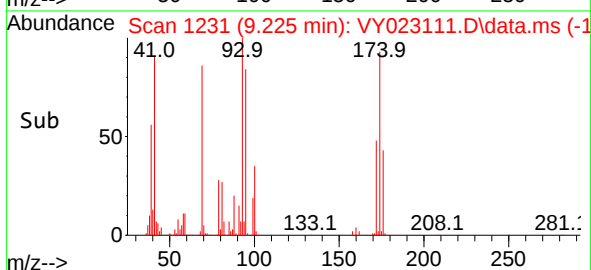
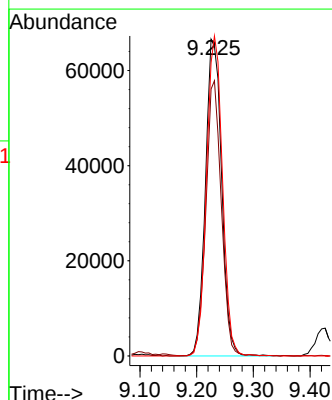
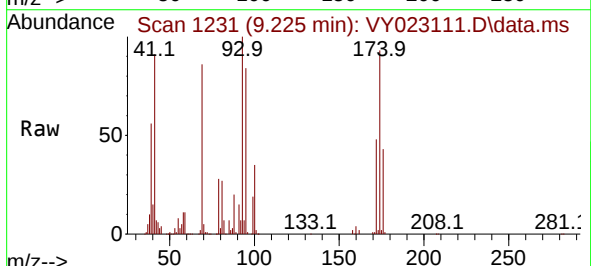
Tgt Ion: 93 Resp: 131880

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 99.7 81.8 122.8

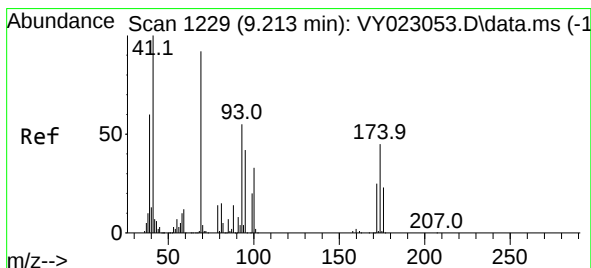
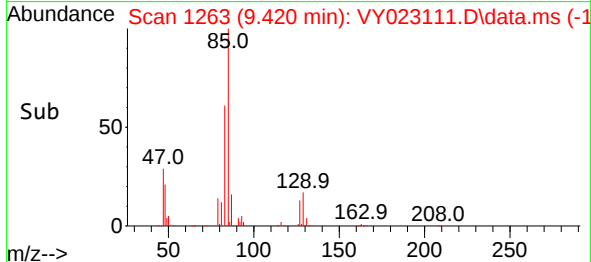
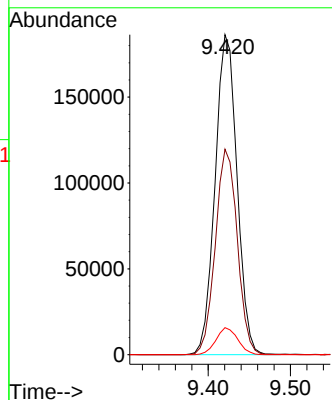
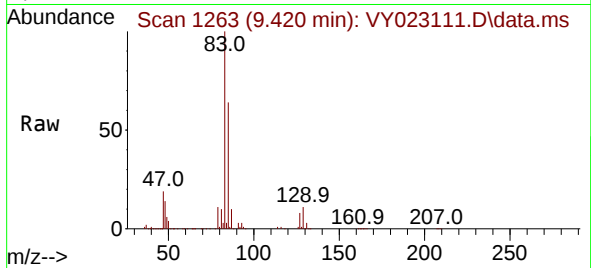




#47
Bromodichloromethane
Concen: 53.260 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

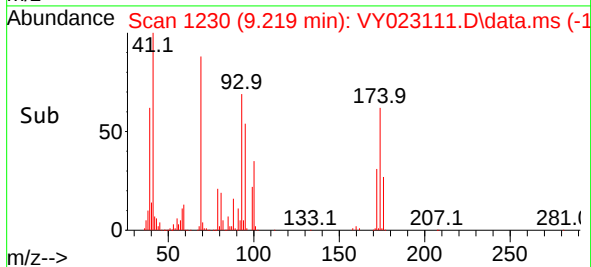
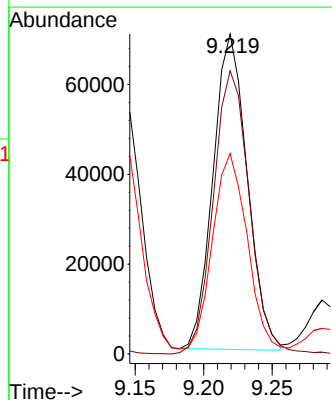
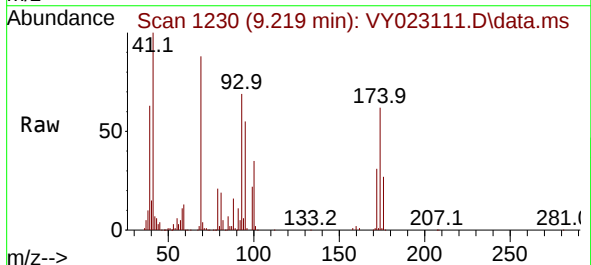
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

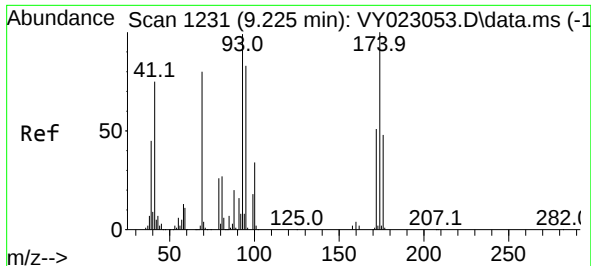
Tgt Ion: 83 Resp: 345709
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 48.387 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 41 Resp: 121834
Ion Ratio Lower Upper
41 100
69 94.8 73.2 109.8
39 62.6 47.0 70.4





#49

1,4-Dioxane

Concen: 949.382 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

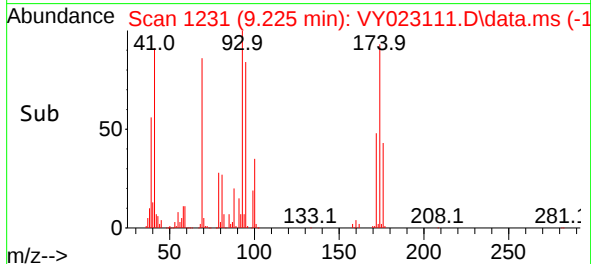
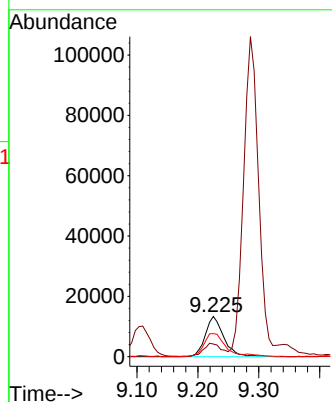
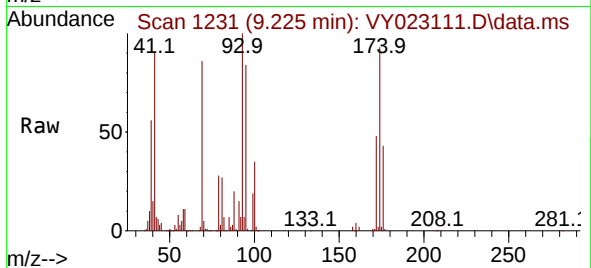
Tgt Ion: 88 Resp: 28081

Ion Ratio Lower Upper

88 100

43 31.4 24.3 36.5

58 64.6 55.4 83.0



#50

Toluene-d8

Concen: 51.612 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023111.D

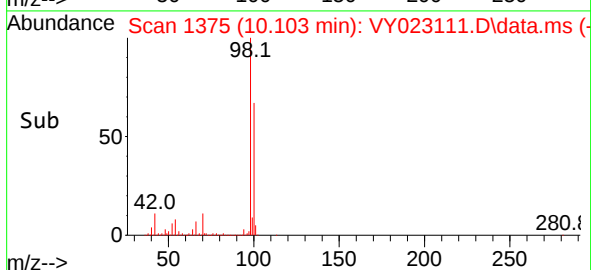
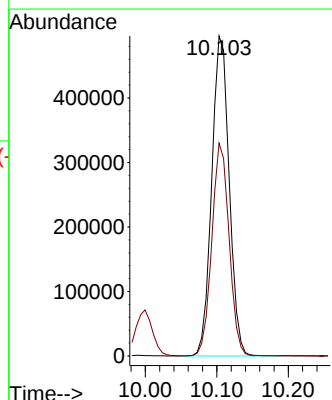
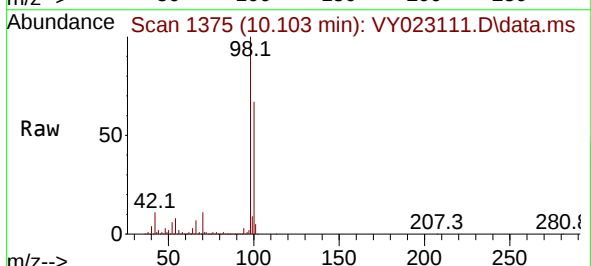
Acq: 15 Aug 2025 08:39

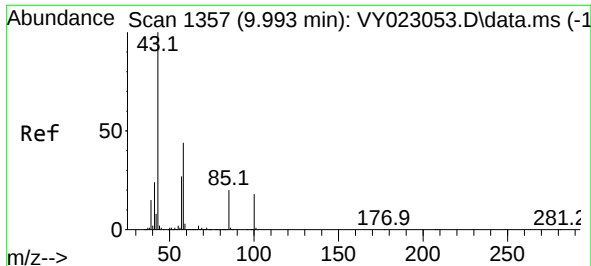
Tgt Ion: 98 Resp: 840812

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 248.424 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

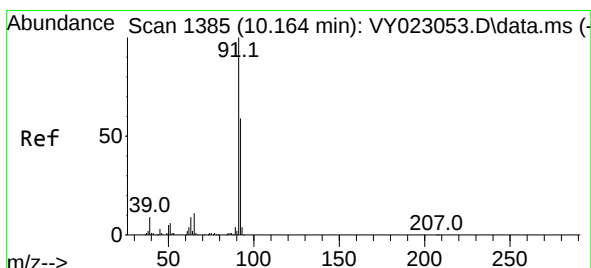
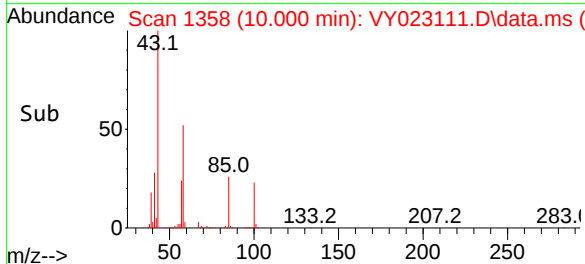
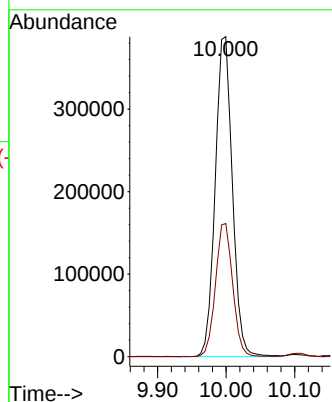
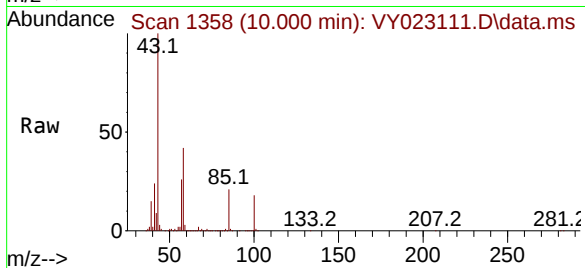
VSTDCCC050

Tgt Ion: 43 Resp: 674267

Ion Ratio Lower Upper

43 100

58 41.7 33.5 50.3



#52

Toluene

Concen: 53.288 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023111.D

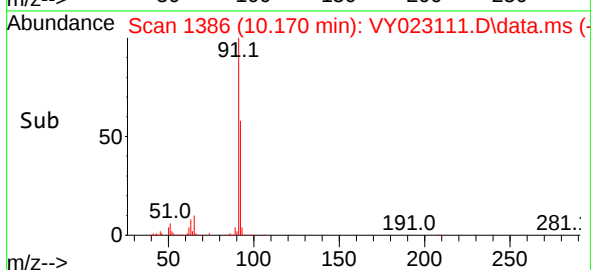
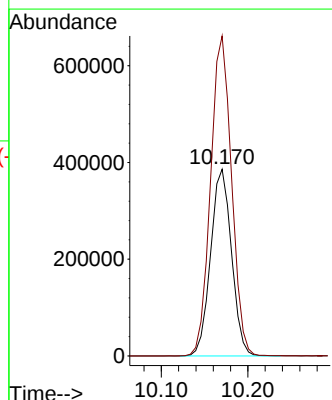
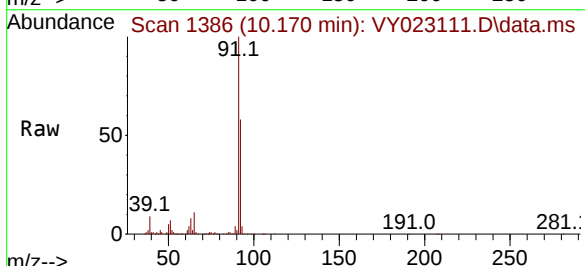
Acq: 15 Aug 2025 08:39

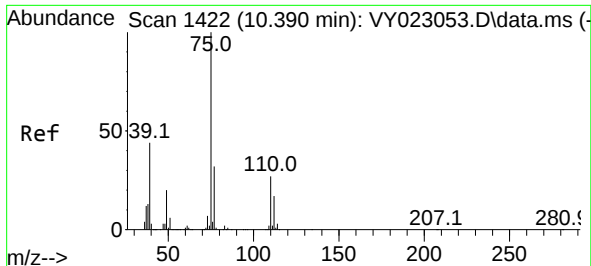
Tgt Ion: 92 Resp: 646468

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6

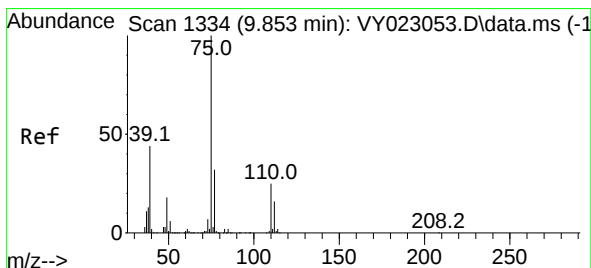
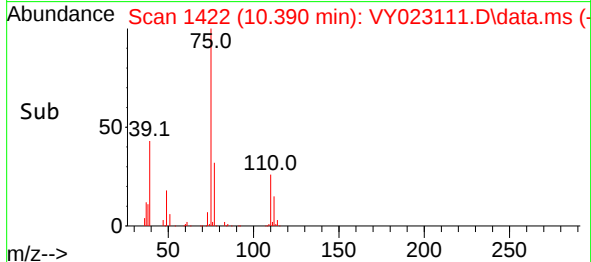
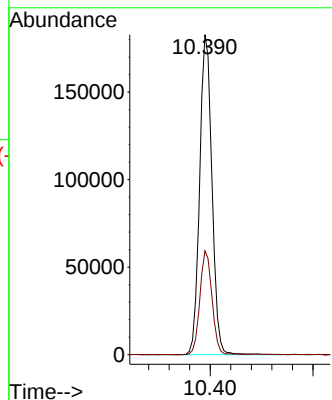
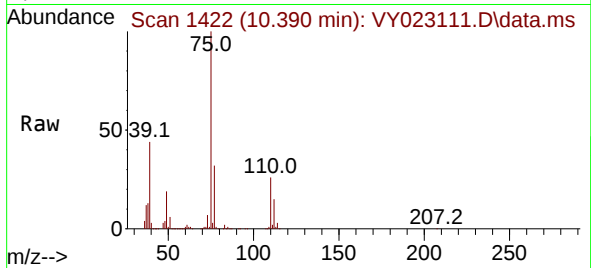




#53
t-1,3-Dichloropropene
Concen: 51.512 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

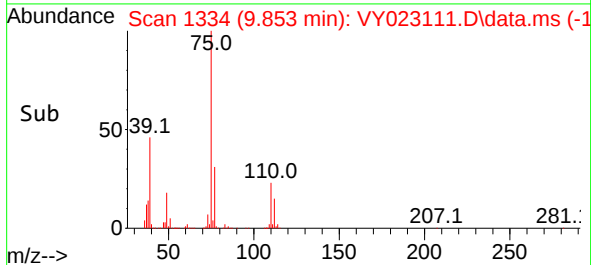
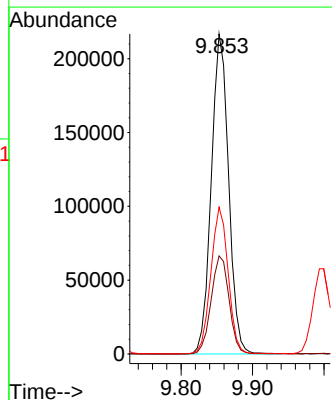
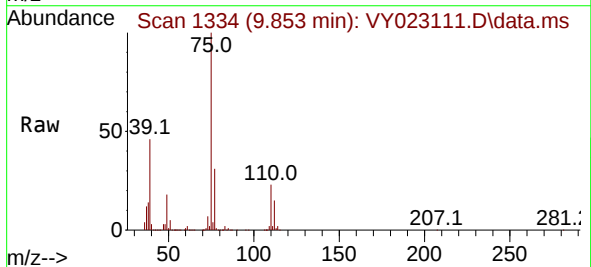
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

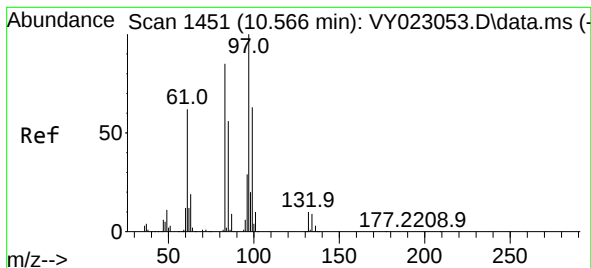
Tgt Ion: 75 Resp: 302783
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 52.418 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 75 Resp: 364333
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 45.8 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 51.936 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 175309

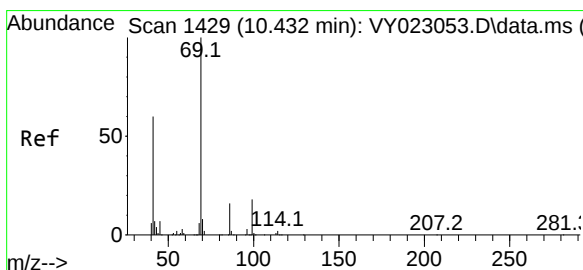
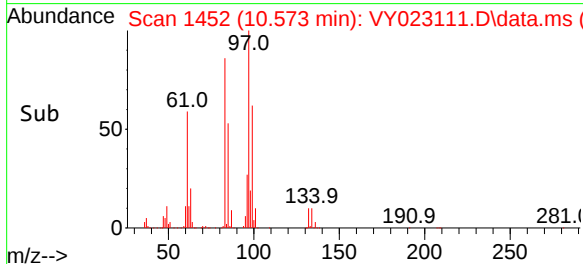
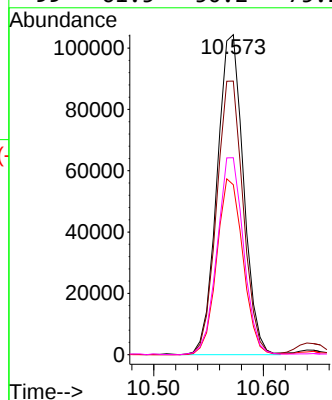
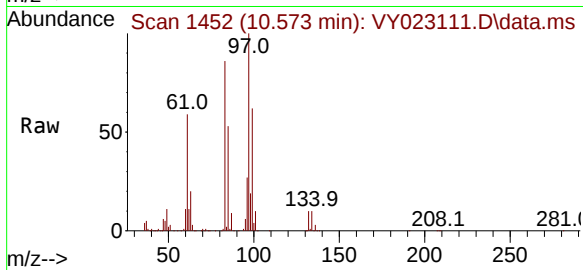
Ion Ratio Lower Upper

97 100

83 85.5 67.7 101.5

85 53.1 44.5 66.7

99 61.5 50.2 75.2



#56

Ethyl methacrylate

Concen: 49.477 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

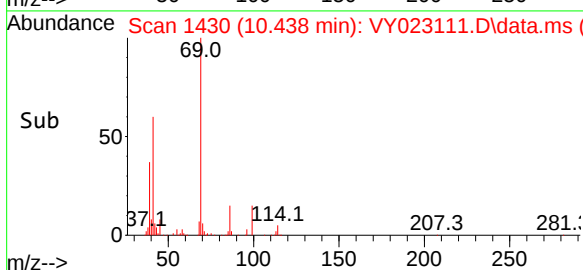
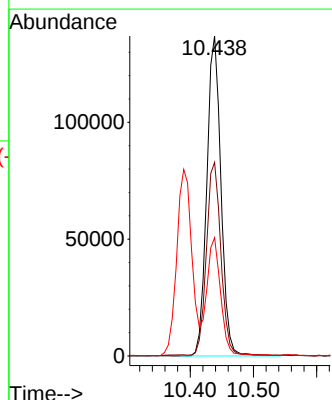
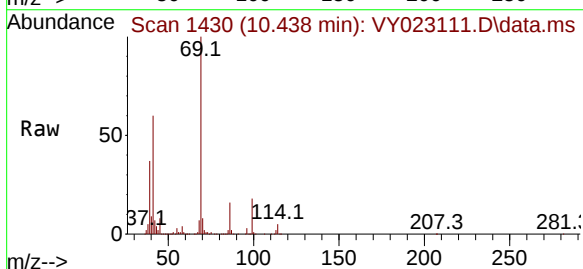
Tgt Ion: 69 Resp: 213704

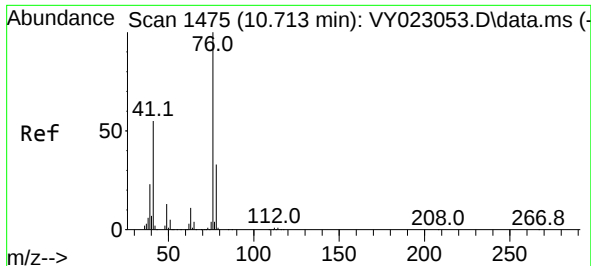
Ion Ratio Lower Upper

69 100

41 61.2 48.6 72.8

39 35.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 51.352 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

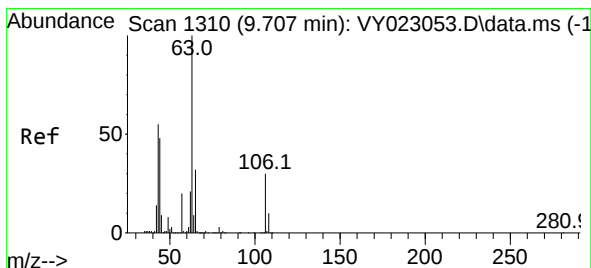
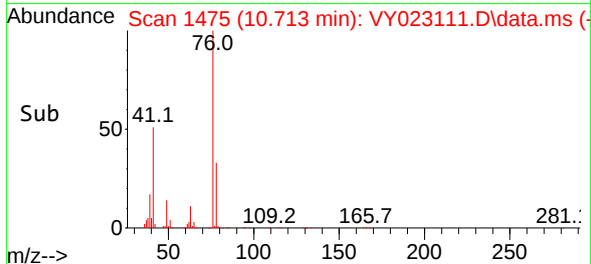
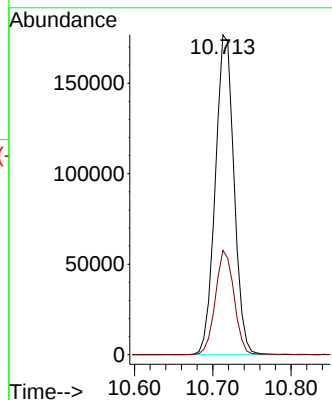
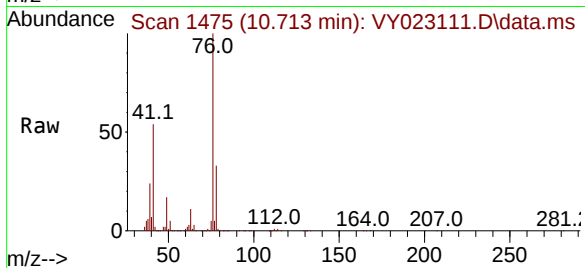
VSTDCCC050

Tgt Ion: 76 Resp: 293968

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.887 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023111.D

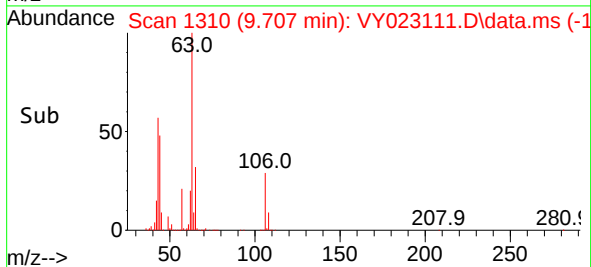
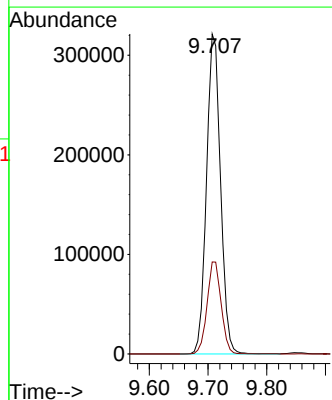
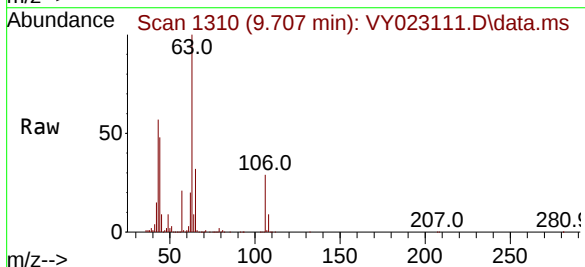
Acq: 15 Aug 2025 08:39

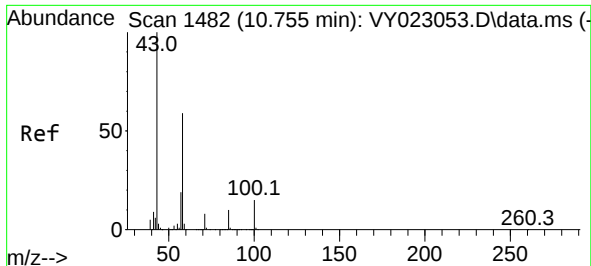
Tgt Ion: 63 Resp: 531531

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8

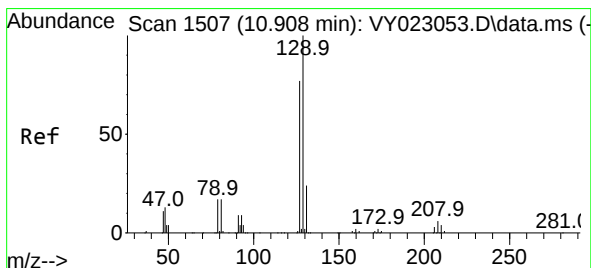
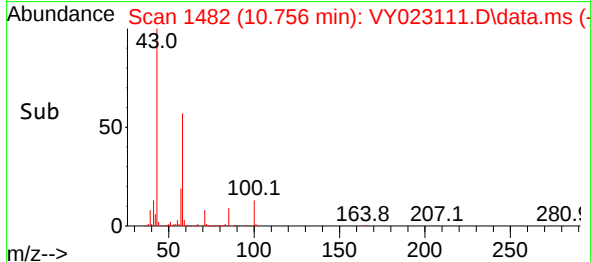
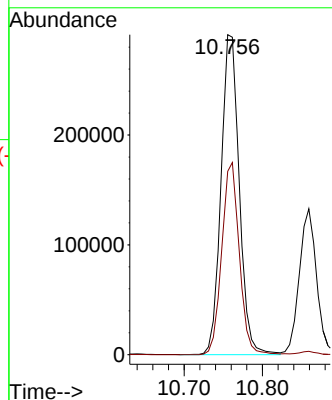
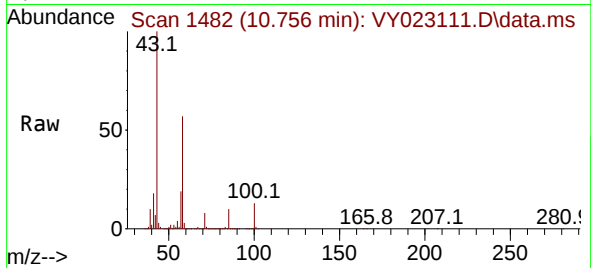




#59
2-Hexanone
Concen: 255.032 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

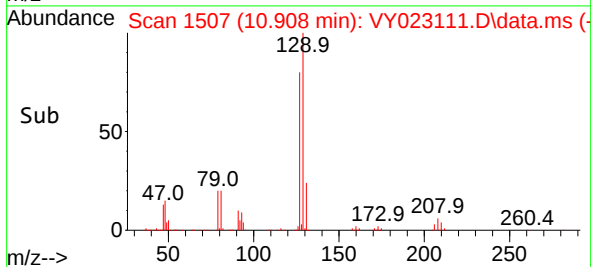
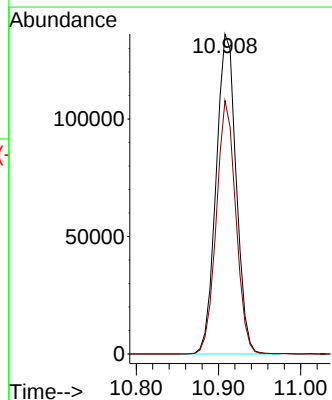
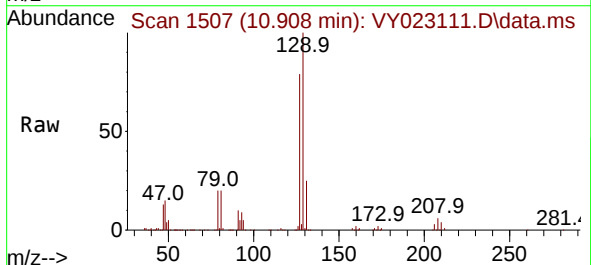
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

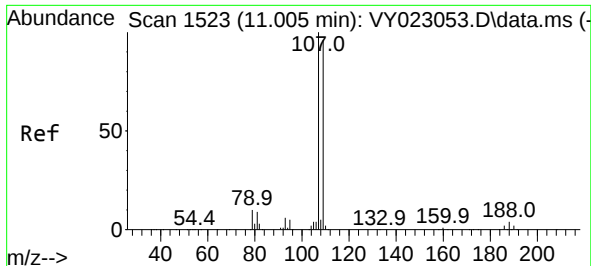
Tgt Ion: 43 Resp: 471343
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.5



#60
Dibromochloromethane
Concen: 51.895 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 129 Resp: 231138
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

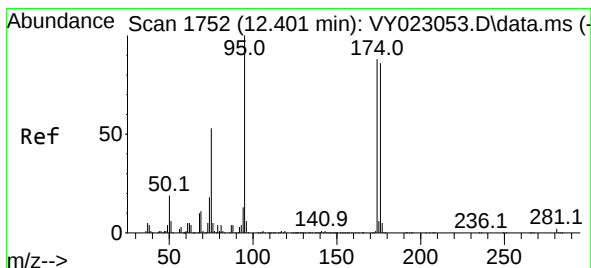
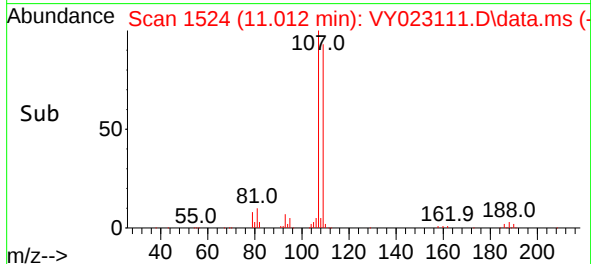
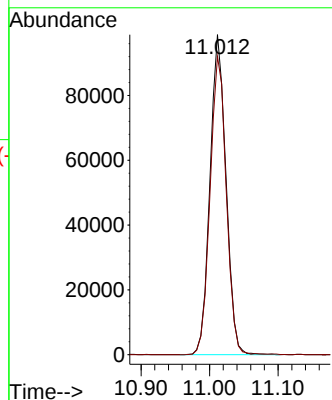
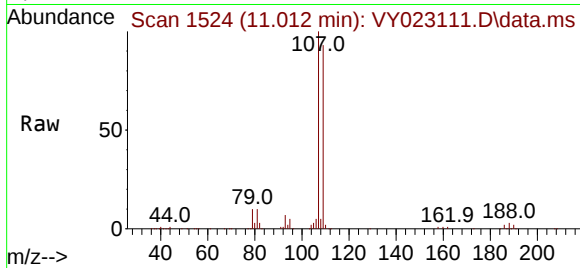




#61
1,2-Dibromoethane
Concen: 50.454 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

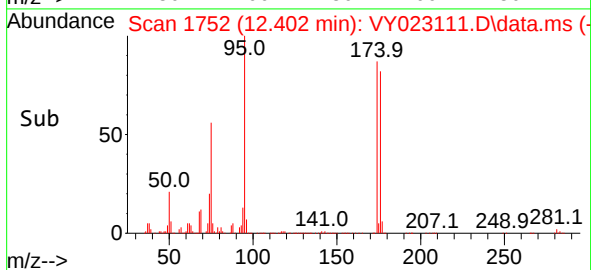
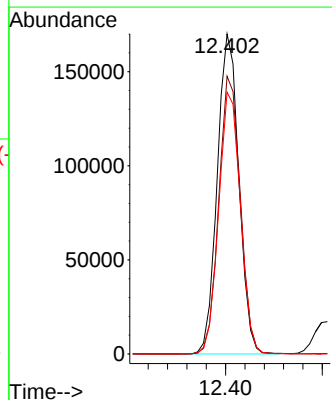
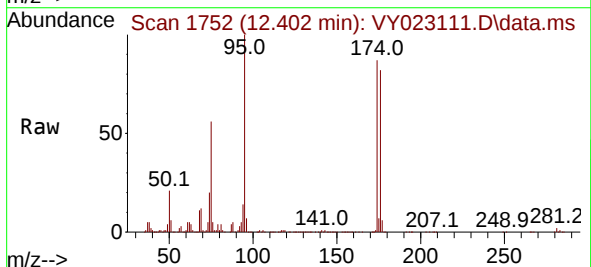
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

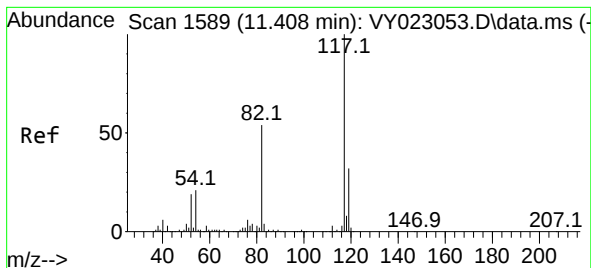
Tgt Ion:107 Resp: 160069
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.079 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 95 Resp: 262368
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 82.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

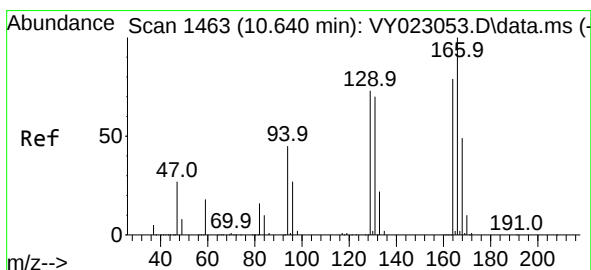
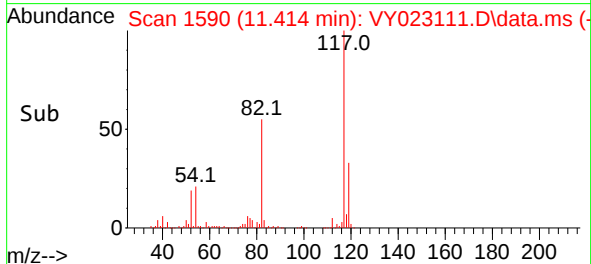
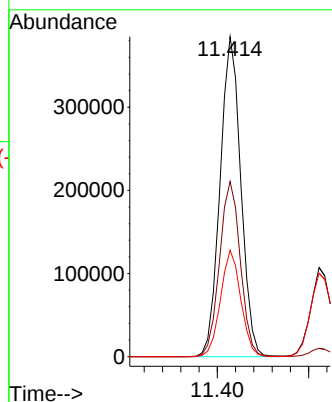
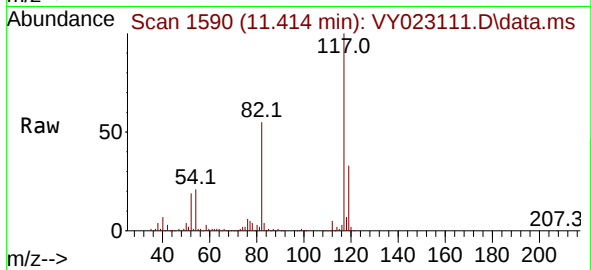
Tgt Ion:117 Resp: 607348

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 33.3 25.6 38.4



#64

Tetrachloroethene

Concen: 52.484 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Tgt Ion:164 Resp: 284630

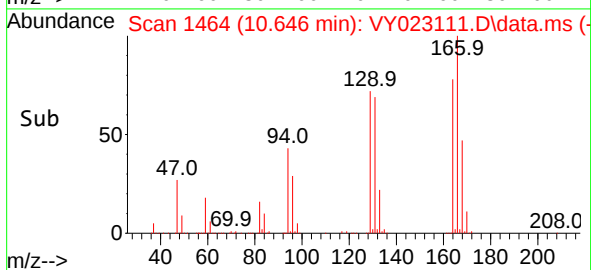
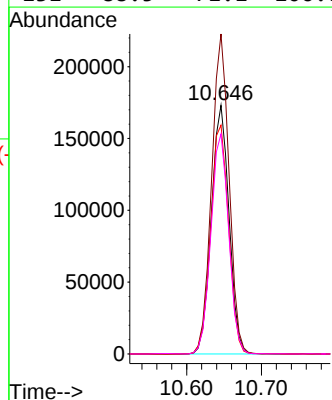
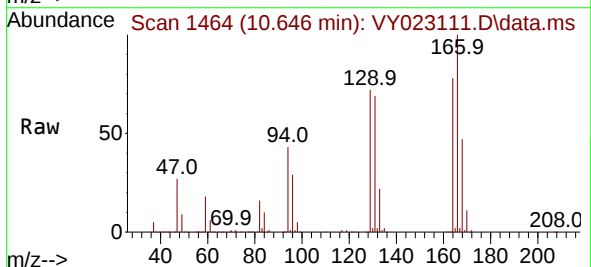
Ion Ratio Lower Upper

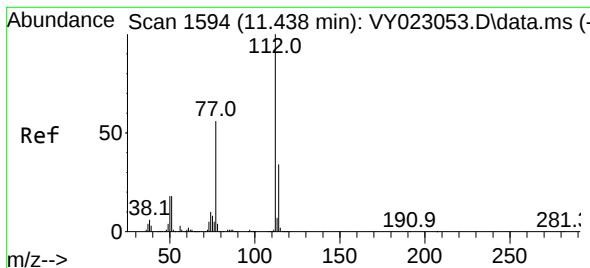
164 100

166 128.7 101.1 151.7

129 92.0 74.0 111.0

131 88.5 71.1 106.7

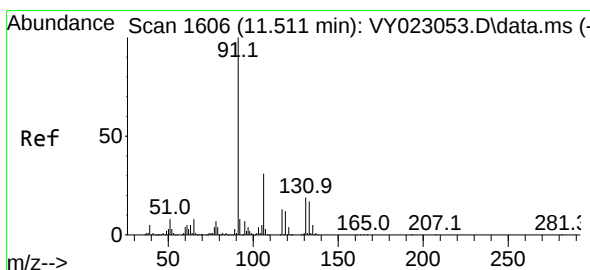
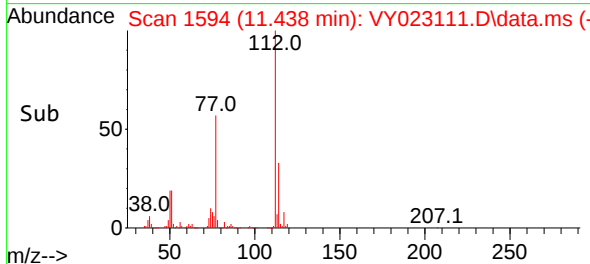
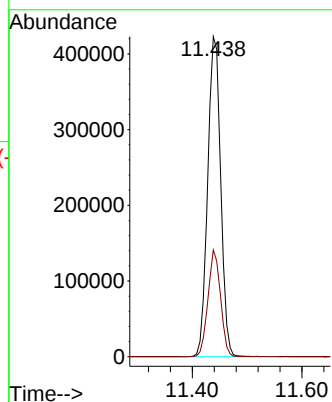
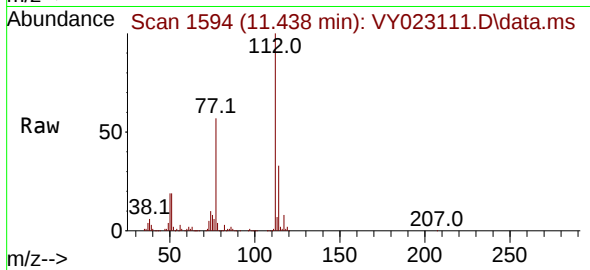




#65
Chlorobenzene
Concen: 52.949 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

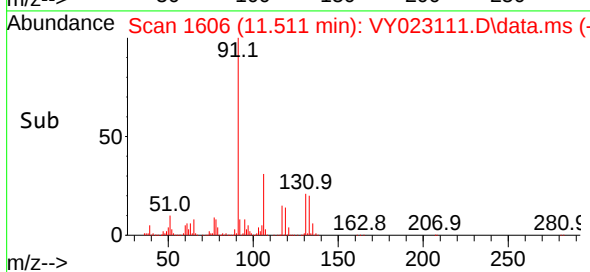
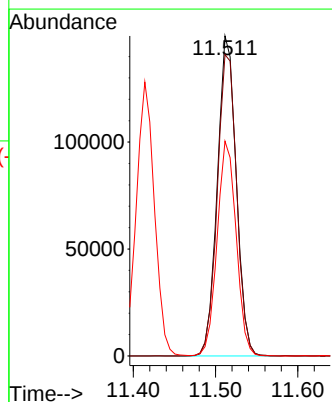
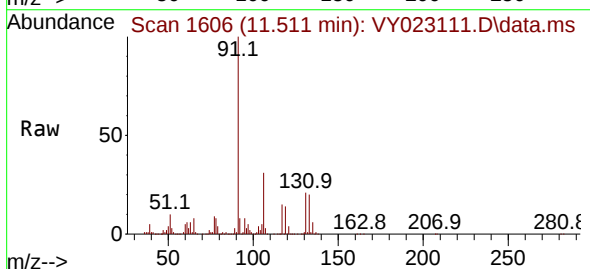
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

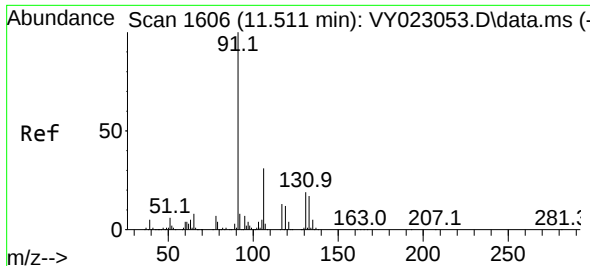
Tgt Ion:112 Resp: 693667
Ion Ratio Lower Upper
112 100
114 33.3 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.813 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:131 Resp: 239263
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.6
119 67.6 33.2 99.6





#67

Ethyl Benzene

Concen: 54.111 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

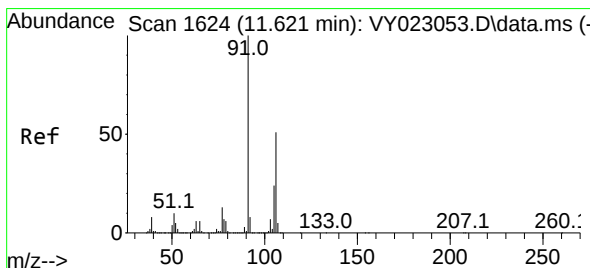
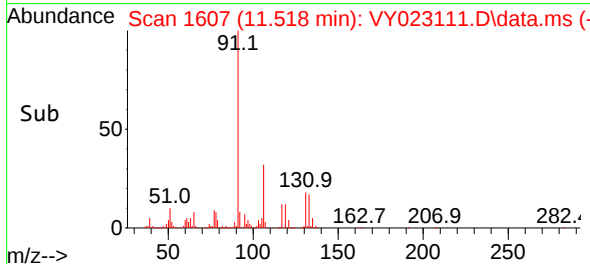
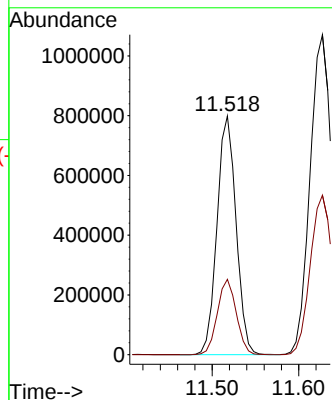
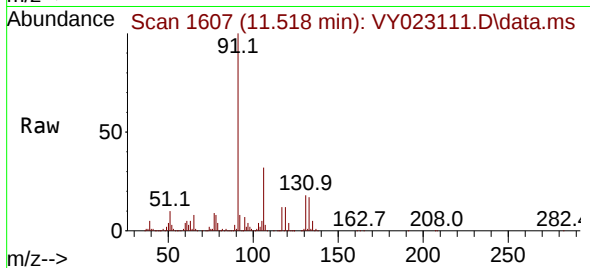
VSTDCCC050

Tgt Ion: 91 Resp: 1219913

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 108.283 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023111.D

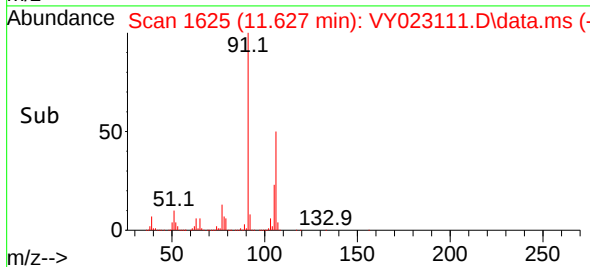
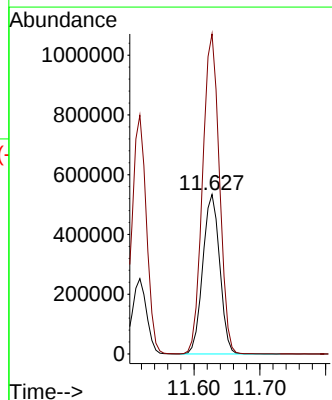
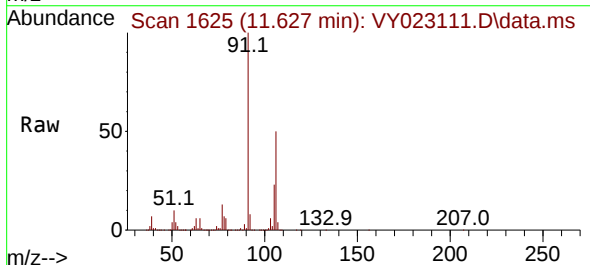
Acq: 15 Aug 2025 08:39

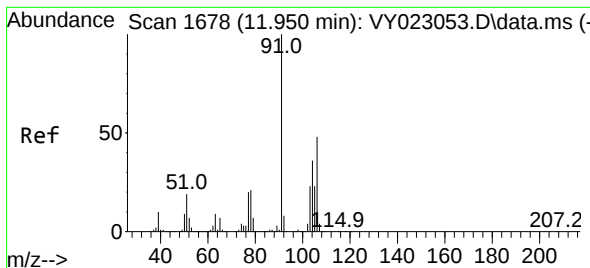
Tgt Ion:106 Resp: 953446

Ion Ratio Lower Upper

106 100

91 199.4 158.6 238.0

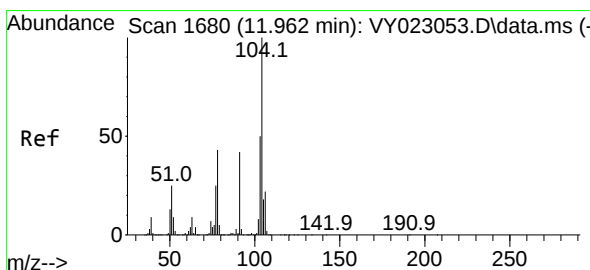
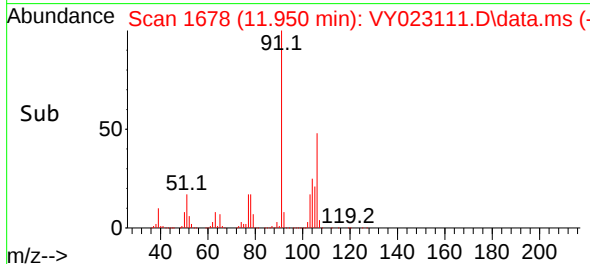
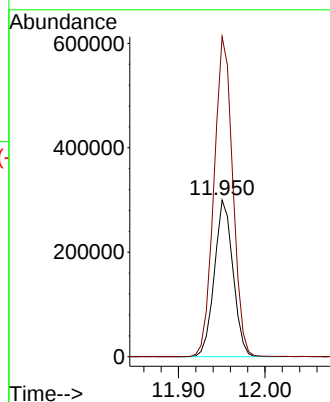
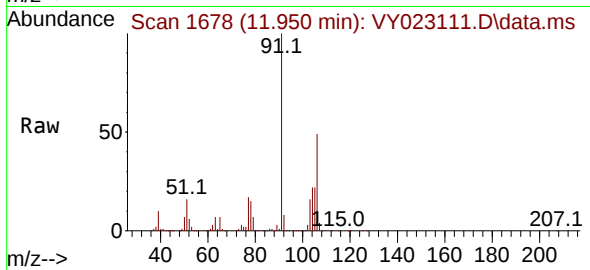




#69
o-Xylene
Concen: 54.193 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

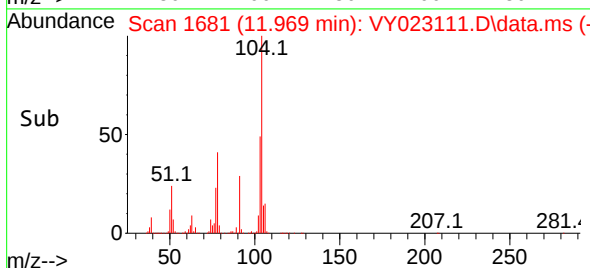
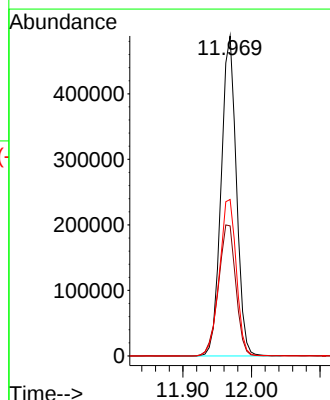
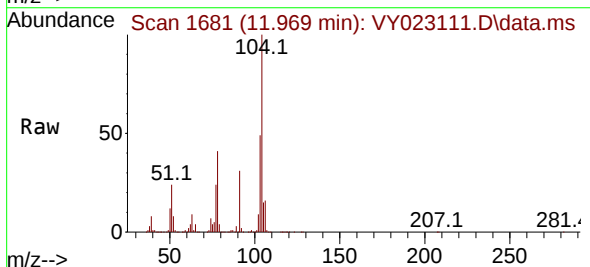
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

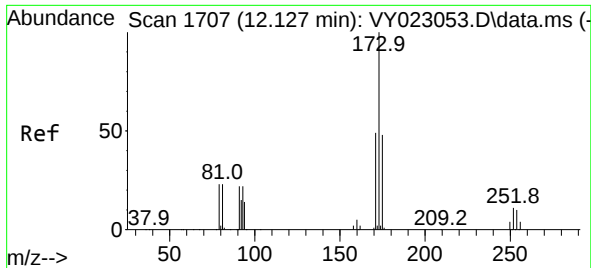
Tgt Ion:106 Resp: 446920
Ion Ratio Lower Upper
106 100
91 206.9 103.2 309.4



#70
Styrene
Concen: 55.770 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:104 Resp: 752144
Ion Ratio Lower Upper
104 100
78 46.7 38.5 57.7
103 54.3 43.7 65.5

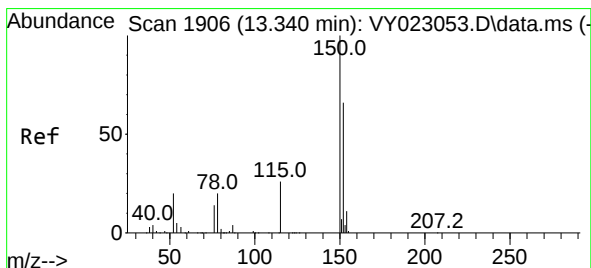
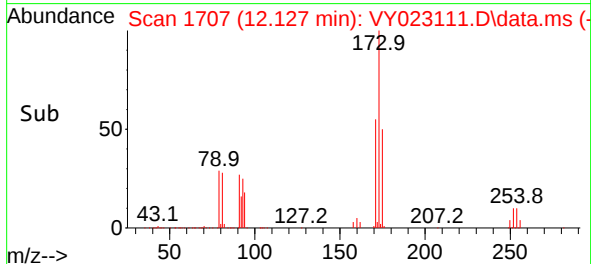
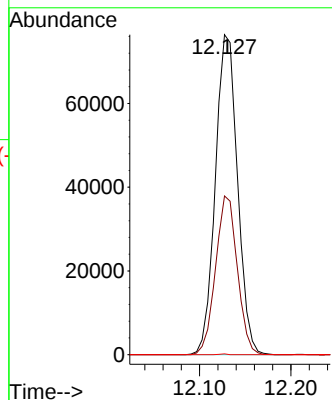
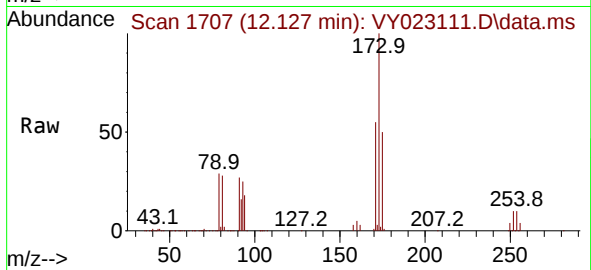




#71
Bromoform
Concen: 49.544 ug/l
RT: 12.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

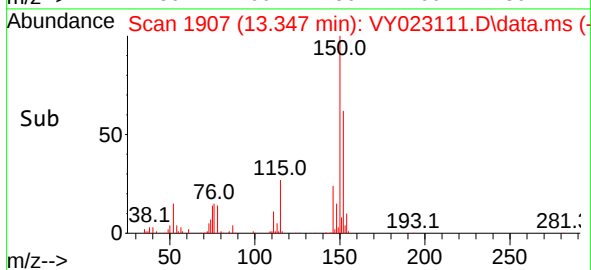
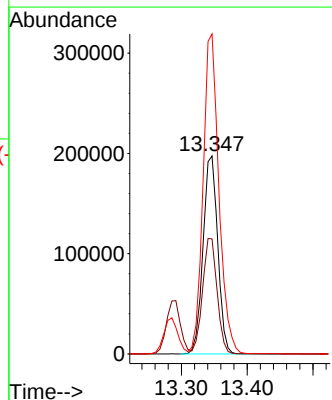
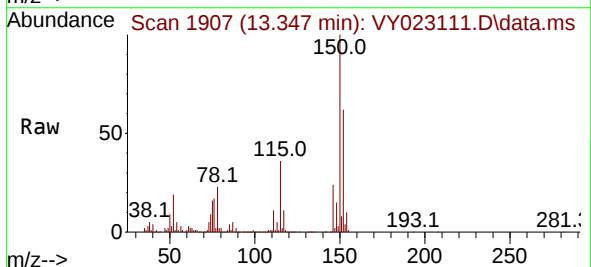
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

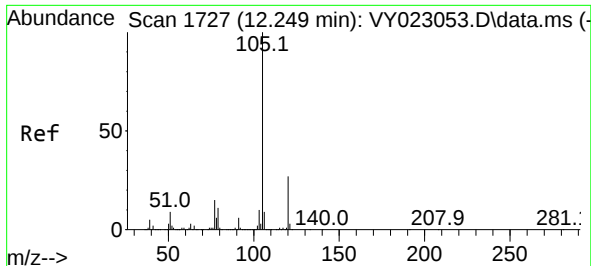
Tgt Ion:173 Resp: 128745
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:152 Resp: 306948
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.6
150 174.0 0.0 348.0

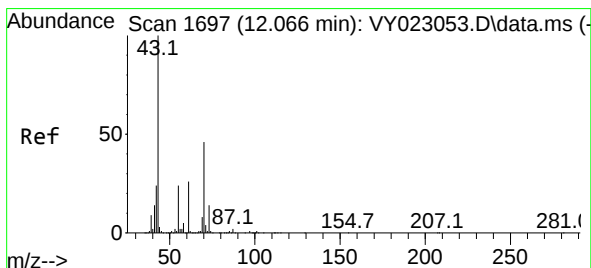
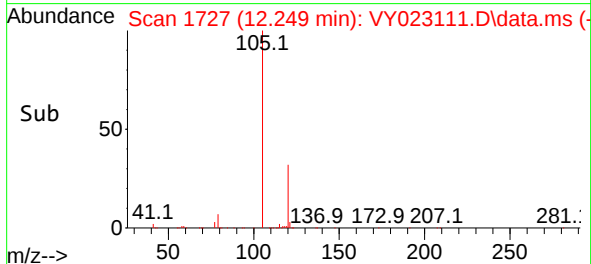
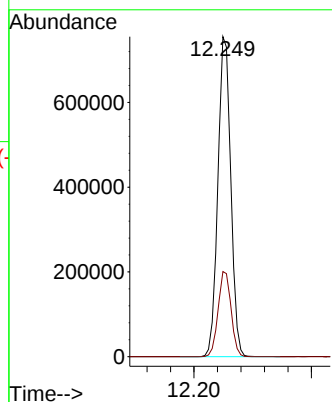
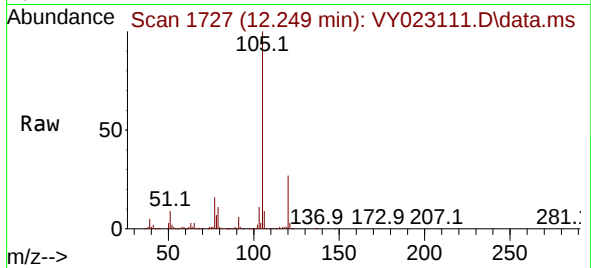




#73
Isopropylbenzene
Concen: 52.906 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

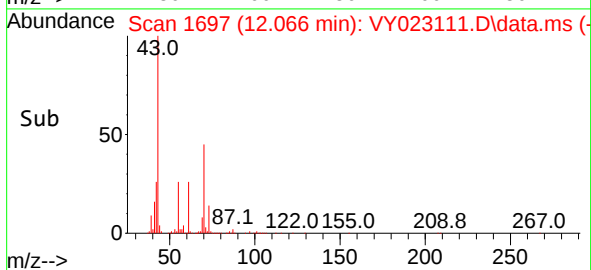
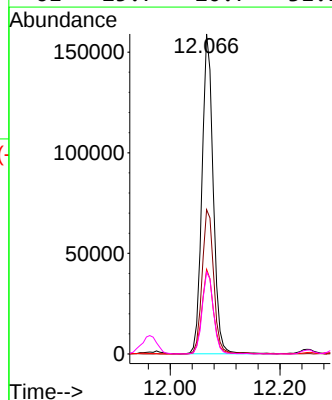
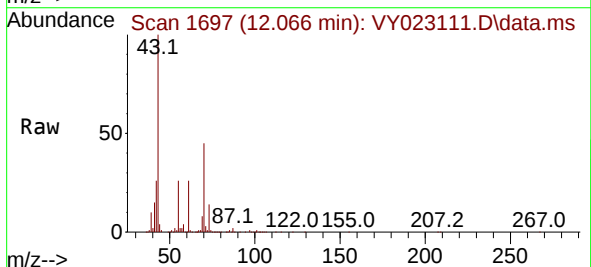
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

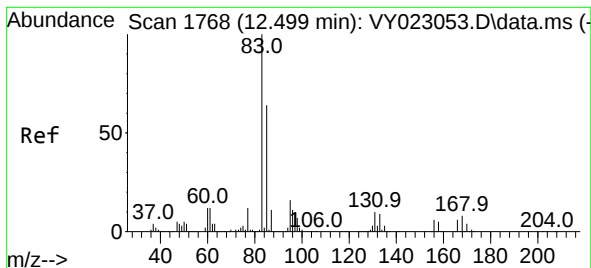
Tgt Ion:105 Resp: 1146162
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 49.257 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 43 Resp: 226300
Ion Ratio Lower Upper
43 100
70 46.7 37.5 56.3
55 26.9 20.7 31.1
61 25.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.405 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

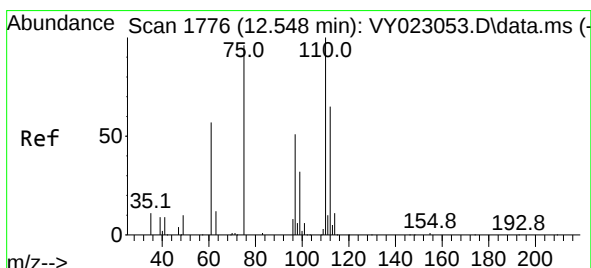
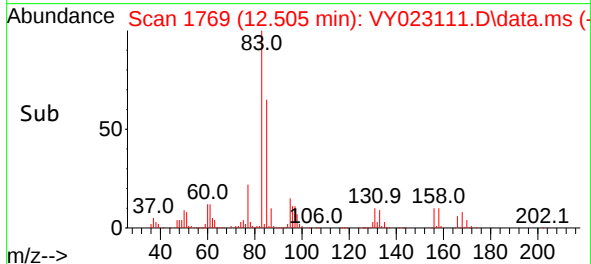
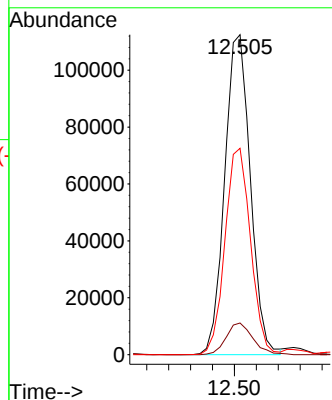
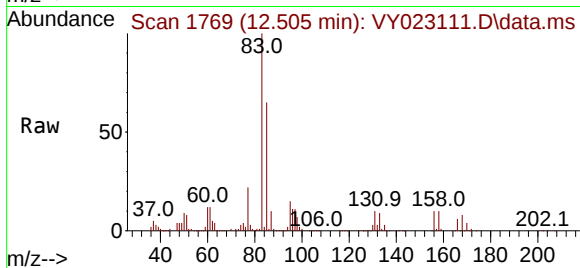
Tgt Ion: 83 Resp: 182753

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 64.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 84.220 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023111.D

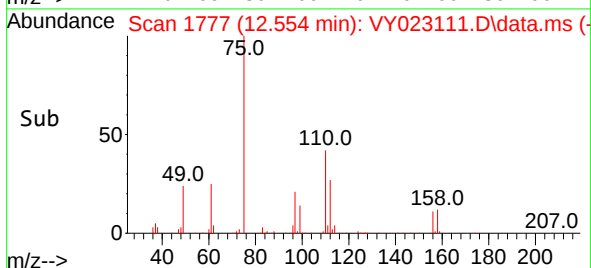
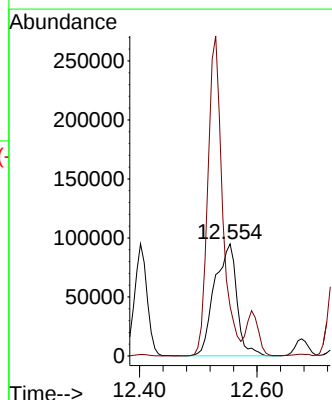
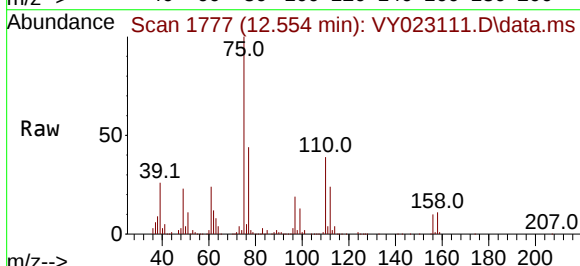
Acq: 15 Aug 2025 08:39

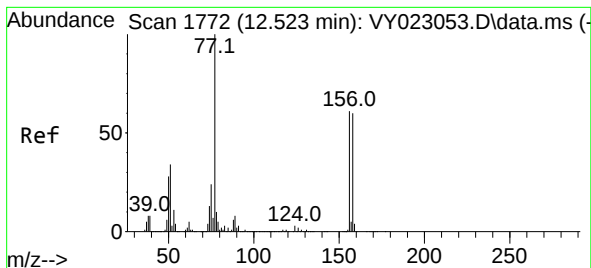
Tgt Ion: 75 Resp: 249491

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.833 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

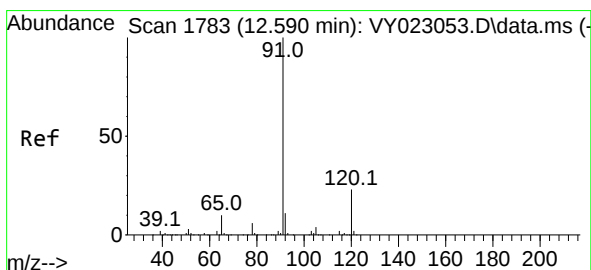
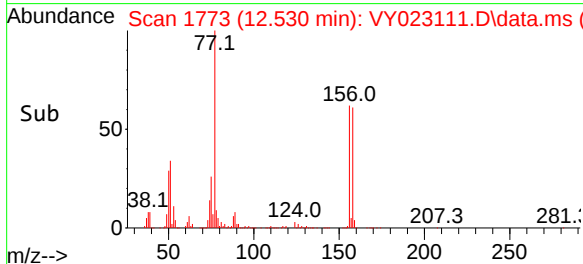
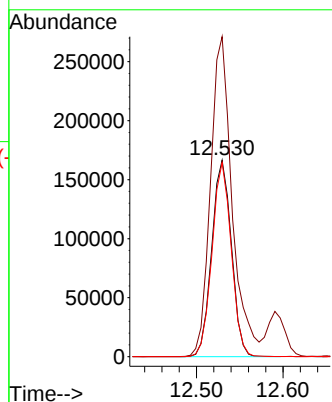
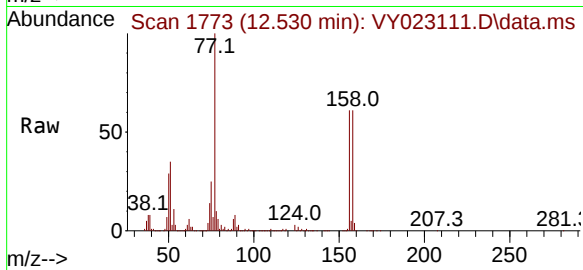
Tgt Ion:156 Resp: 262726

Ion Ratio Lower Upper

156 100

77 179.1 88.1 264.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 54.137 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023111.D

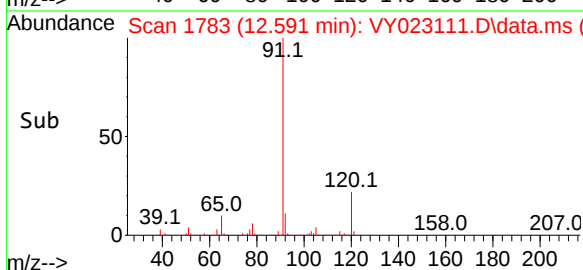
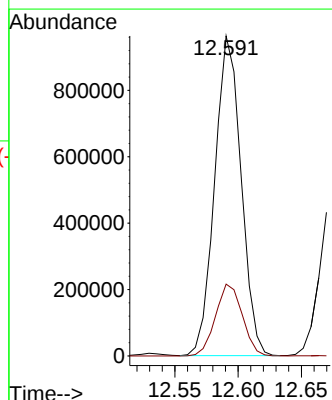
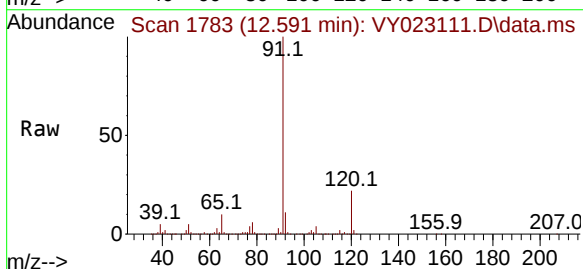
Acq: 15 Aug 2025 08:39

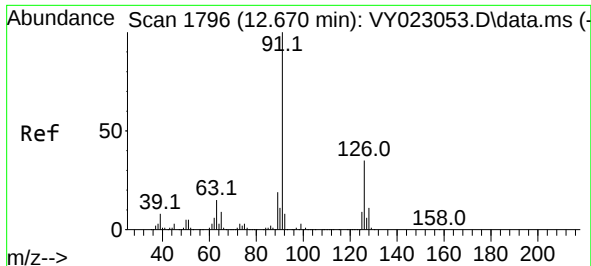
Tgt Ion: 91 Resp: 1396330

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

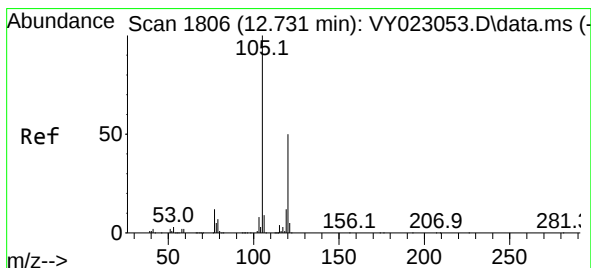
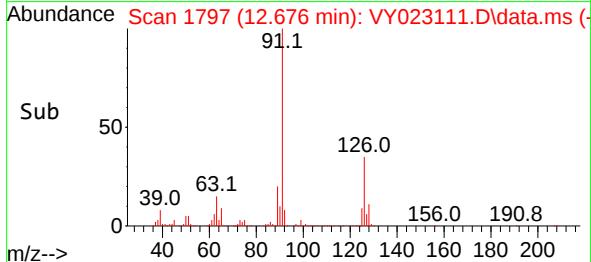
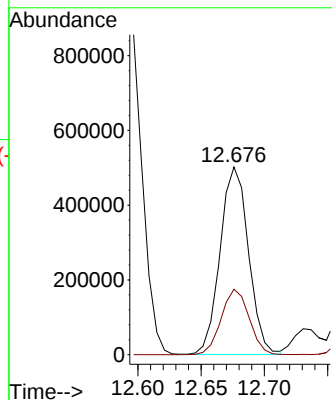
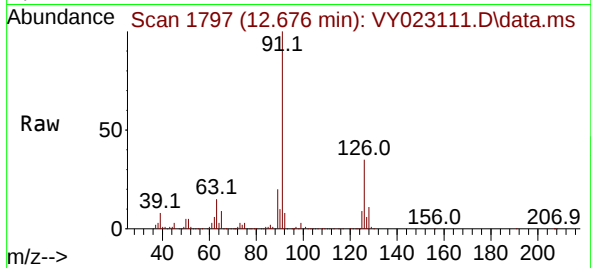




#79
2-Chlorotoluene
Concen: 52.993 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

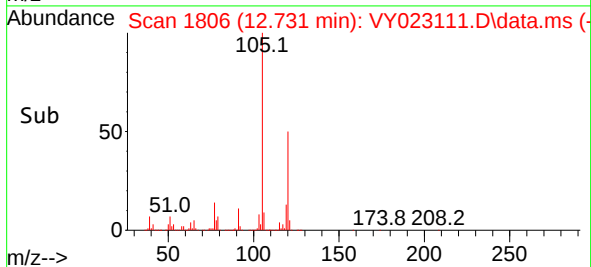
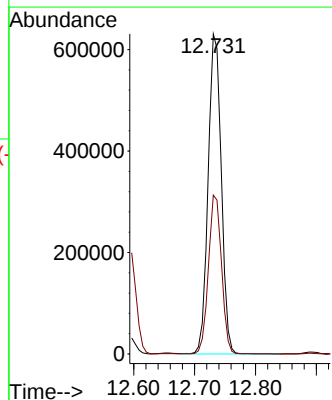
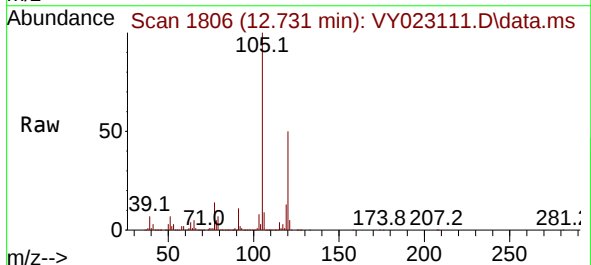
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

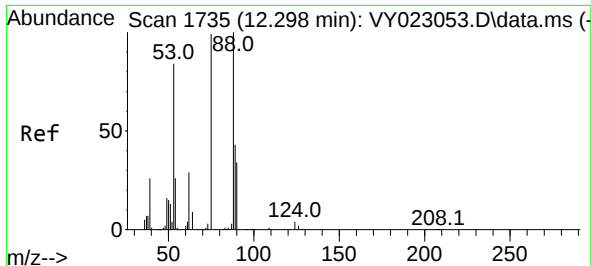
Tgt Ion: 91 Resp: 783125
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 53.915 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 105 Resp: 943980
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

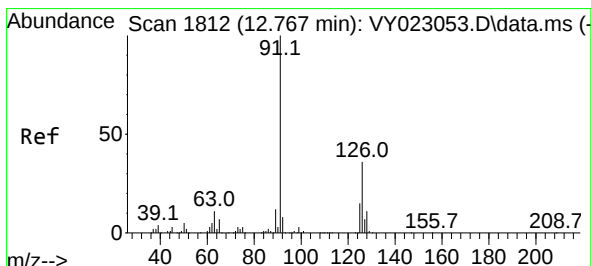
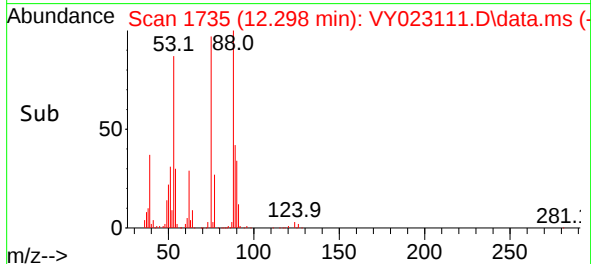
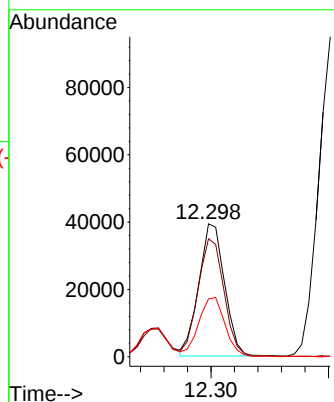
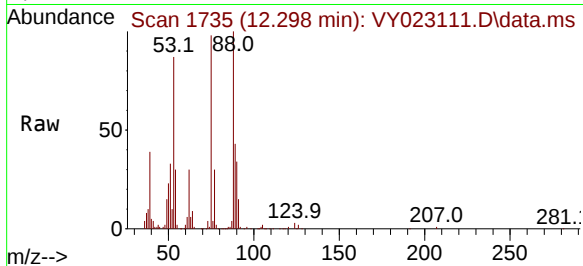




#81
trans-1,4-Dichloro-2-butene
Concen: 48.961 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

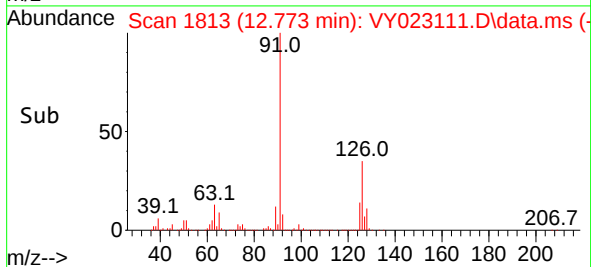
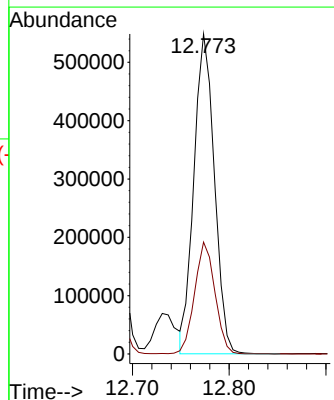
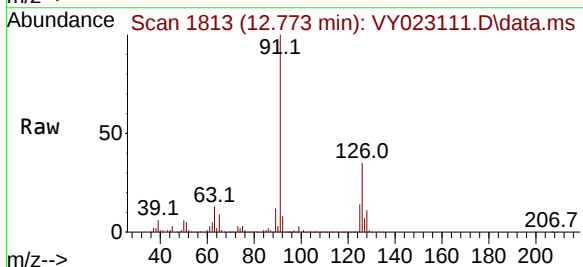
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

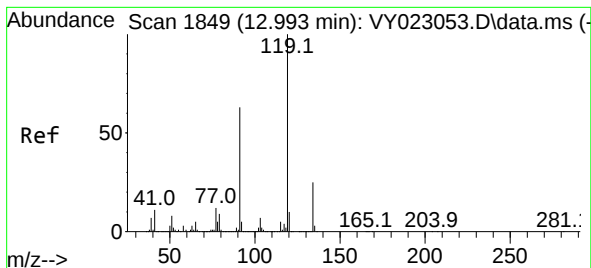
Tgt Ion: 75 Resp: 59917
Ion Ratio Lower Upper
75 100
53 89.0 70.8 106.2
89 45.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 52.611 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion: 91 Resp: 806542
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 52.171 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

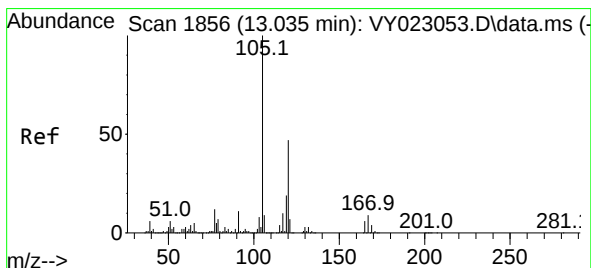
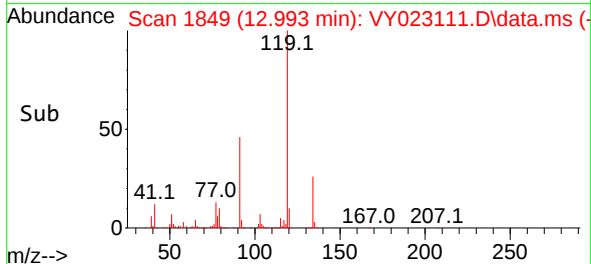
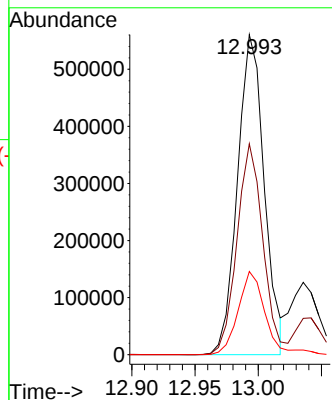
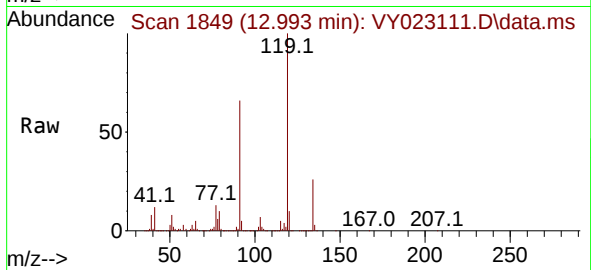
Tgt Ion:119 Resp: 825002

Ion Ratio Lower Upper

119 100

91 64.4 31.6 94.8

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 54.277 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023111.D

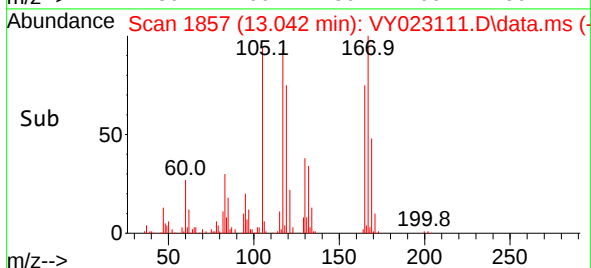
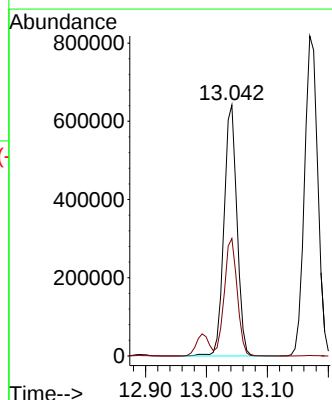
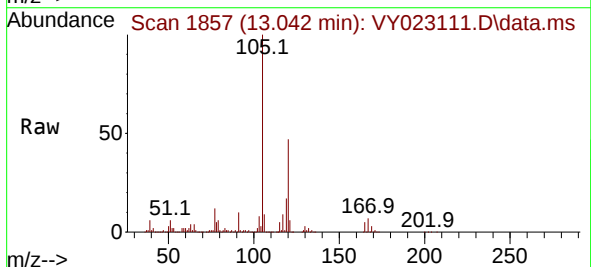
Acq: 15 Aug 2025 08:39

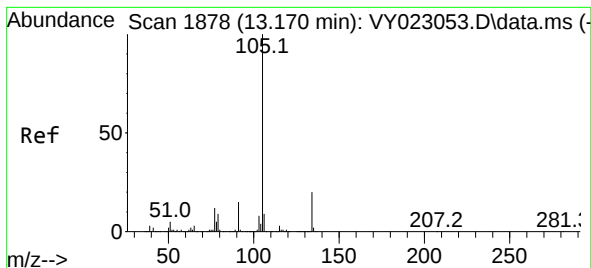
Tgt Ion:105 Resp: 946009

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.143 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

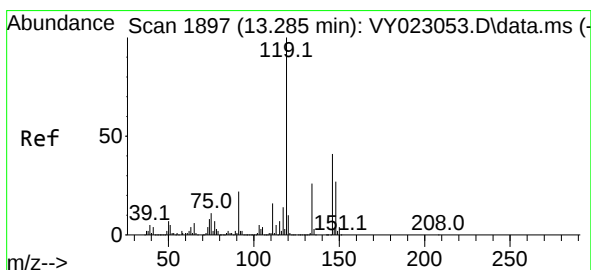
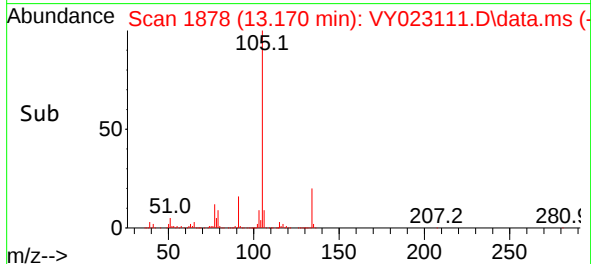
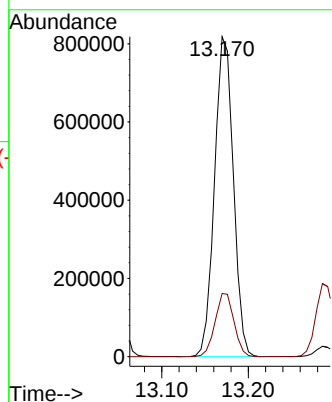
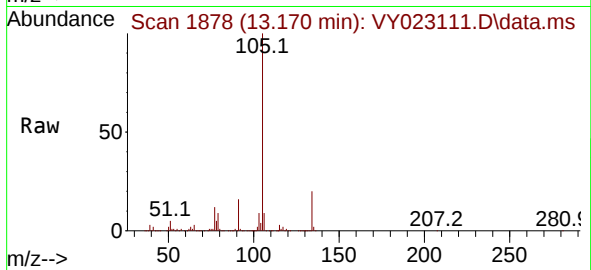
VSTDCCC050

Tgt Ion:105 Resp: 1234484

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.334 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

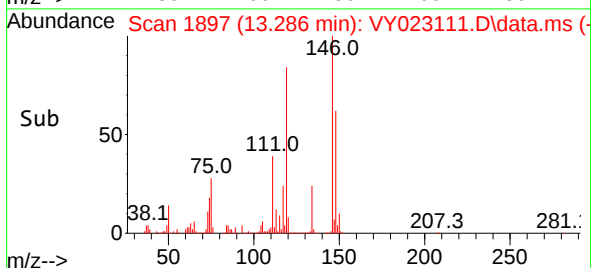
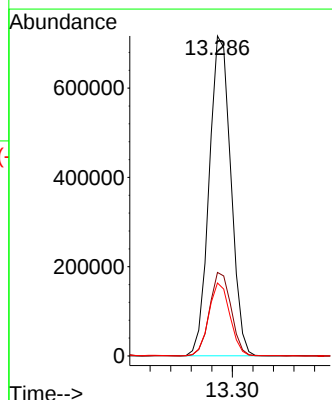
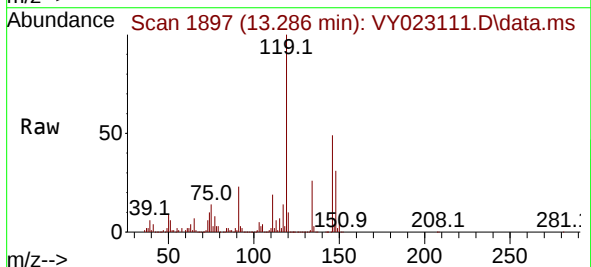
Tgt Ion:119 Resp: 1047646

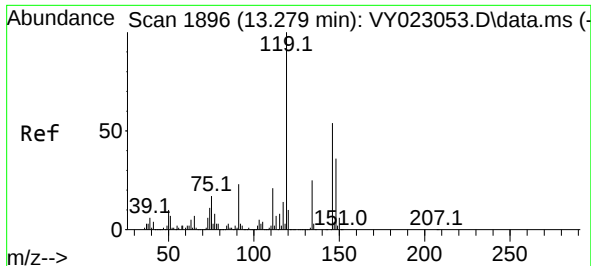
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.6

91 22.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 52.641 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

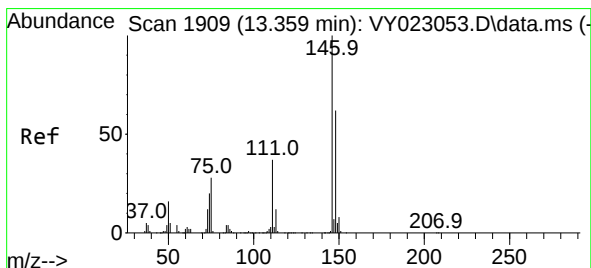
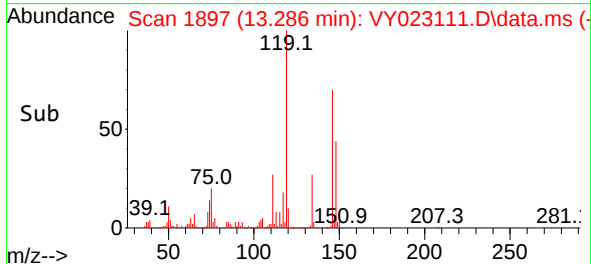
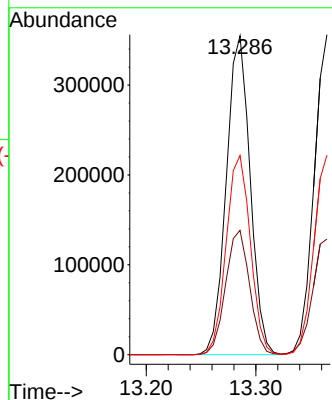
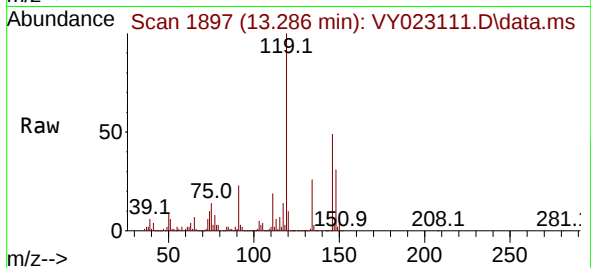
Tgt Ion:146 Resp: 536529

Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.7

148 63.4 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 51.501 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

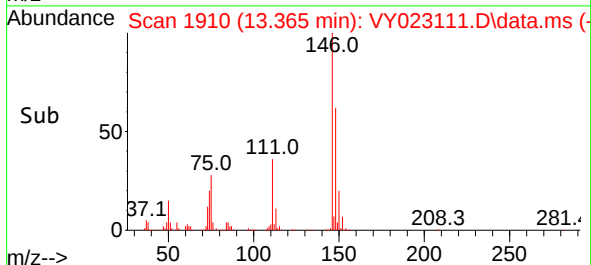
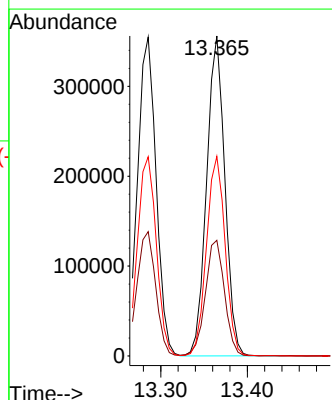
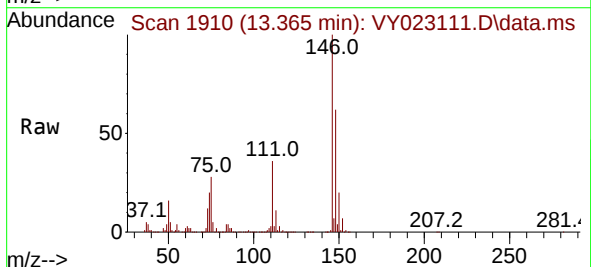
Tgt Ion:146 Resp: 520698

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.1

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 53.939 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

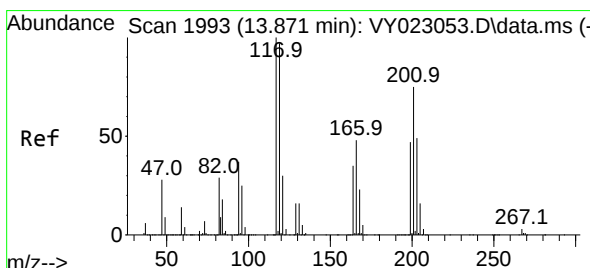
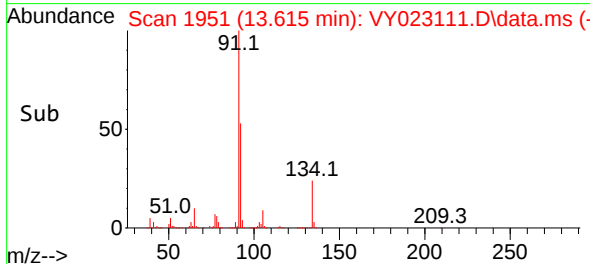
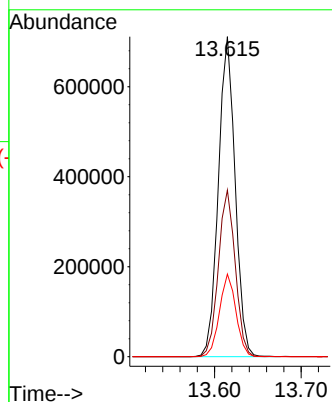
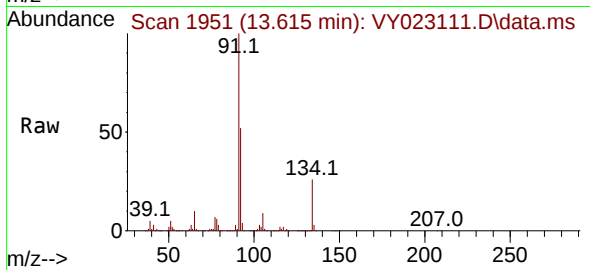
Tgt Ion: 91 Resp: 955218

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.7

134 25.4 13.2 39.5



#90

Hexachloroethane

Concen: 53.061 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023111.D

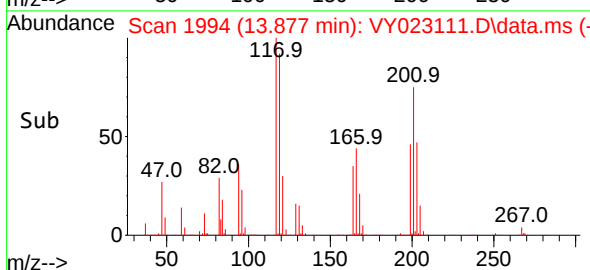
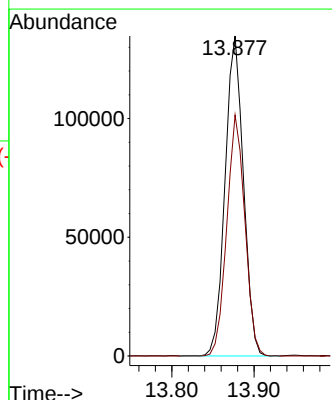
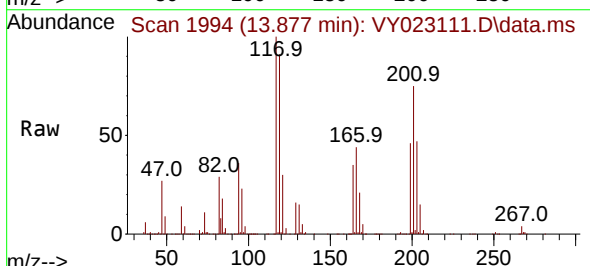
Acq: 15 Aug 2025 08:39

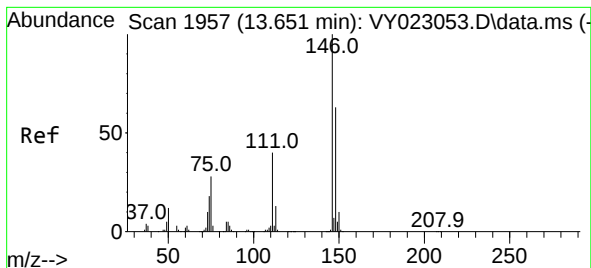
Tgt Ion: 117 Resp: 209441

Ion Ratio Lower Upper

117 100

201 74.2 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 51.489 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

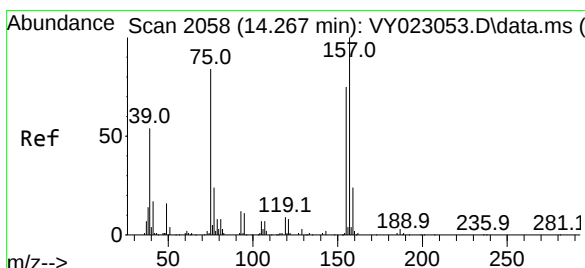
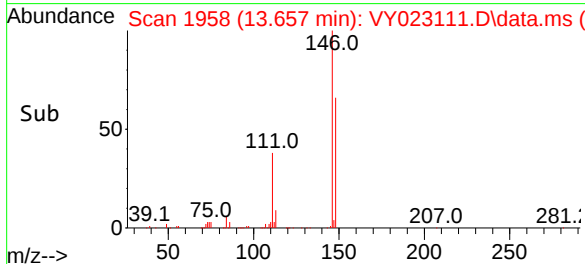
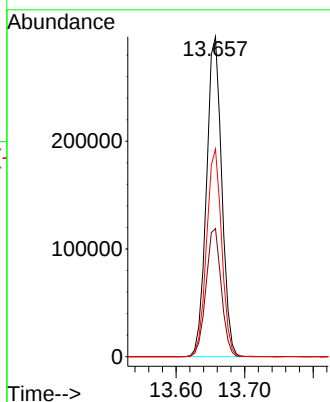
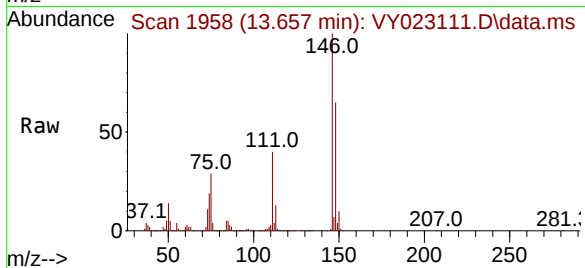
Tgt Ion:146 Resp: 460235

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 64.3 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.839 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

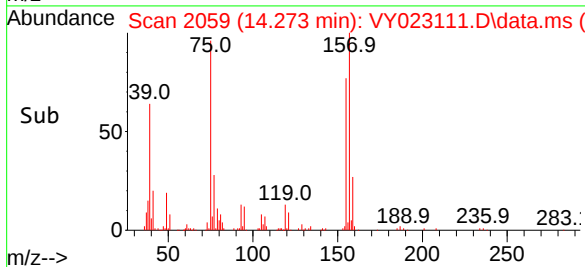
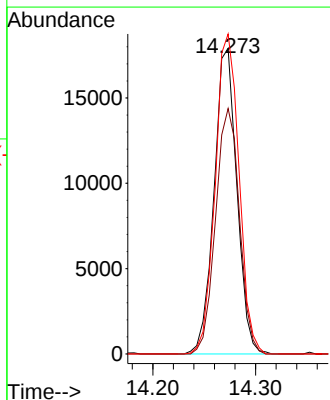
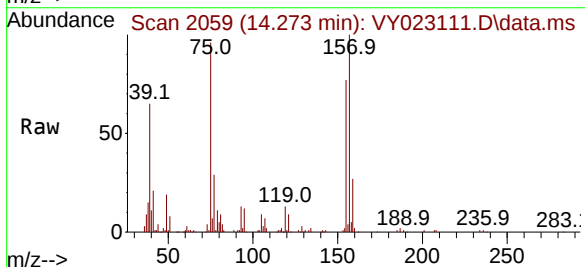
Tgt Ion: 75 Resp: 27552

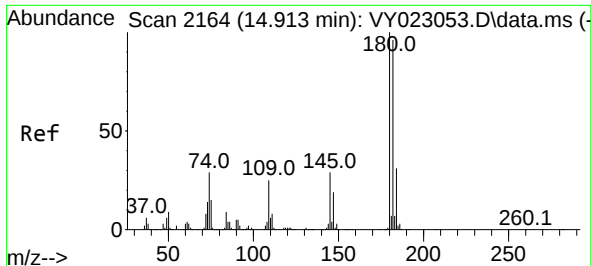
Ion Ratio Lower Upper

75 100

155 83.9 43.9 131.6

157 109.1 57.2 171.6

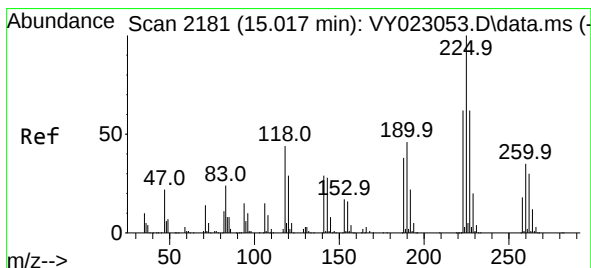
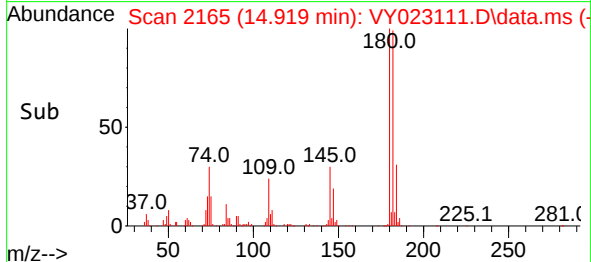
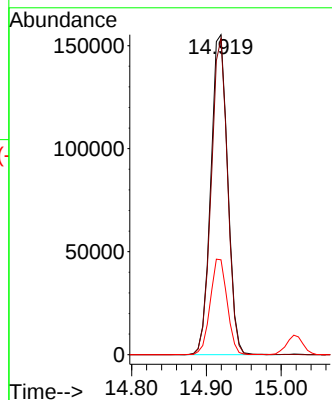
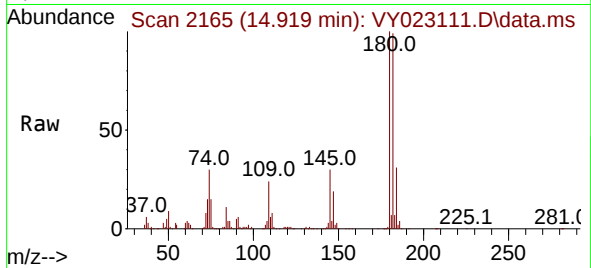




#93
1,2,4-Trichlorobenzene
Concen: 46.042 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

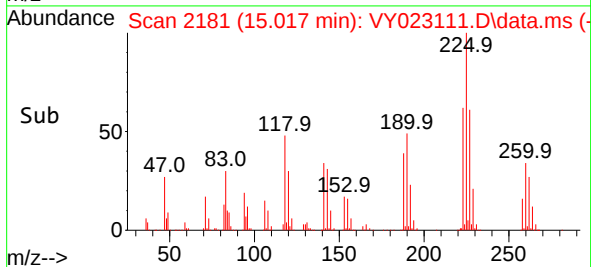
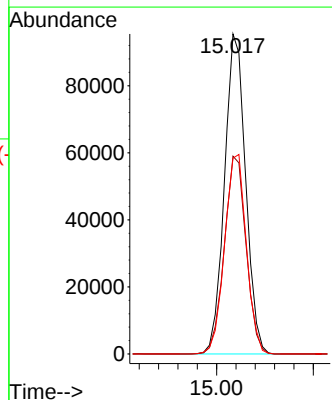
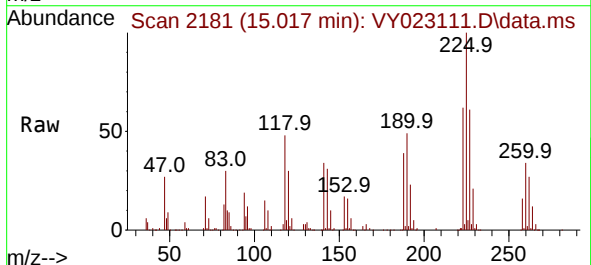
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

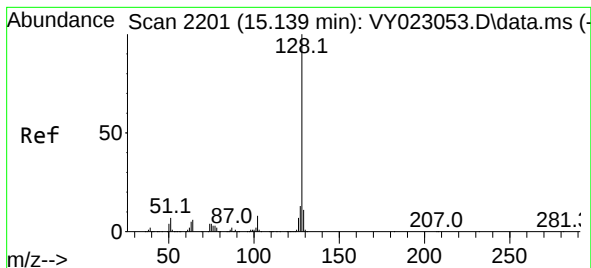
Tgt Ion:180 Resp: 243376
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.4
145 29.9 14.4 43.4



#94
Hexachlorobutadiene
Concen: 46.578 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023111.D
Acq: 15 Aug 2025 08:39

Tgt Ion:225 Resp: 144679
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 64.2 31.5 94.5





#95

Naphthalene

Concen: 45.340 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

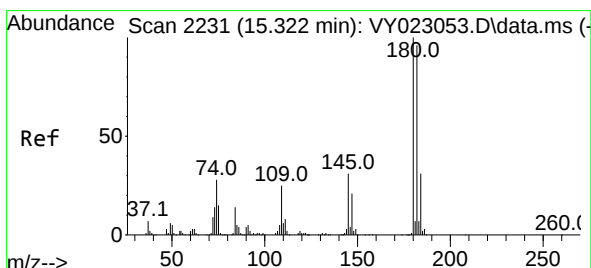
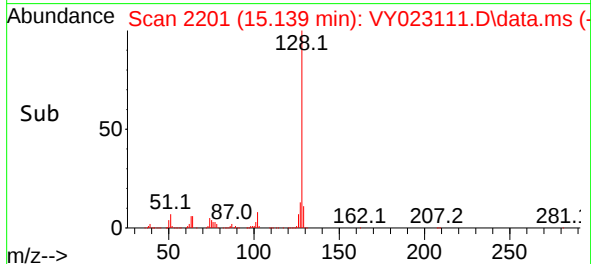
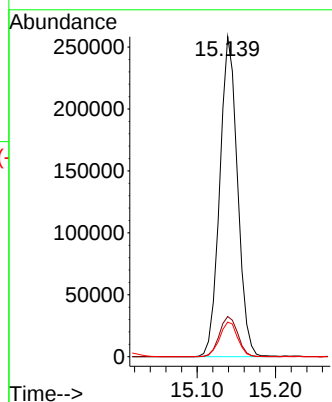
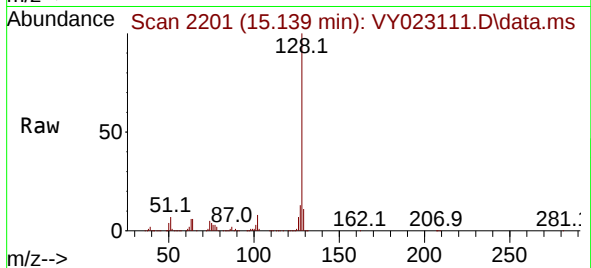
Tgt Ion:128 Resp: 408671

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 45.784 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023111.D

Acq: 15 Aug 2025 08:39

Tgt Ion:180 Resp: 208542

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 31.0 15.9 47.7

