

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023137.D
 Acq On : 19 Aug 2025 09:11
 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 20 01:22:53 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	7.713	168	560294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	876189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	761785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	392533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	241668	45.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.520%
35) Dibromofluoromethane	7.634	113	256133	48.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.109	98	1008048	49.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.401	95	326827	49.618	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	190057	41.557	ug/l	98
3) Chloromethane	2.074	50	316334	42.705	ug/l	99
4) Vinyl Chloride	2.208	62	416548	45.491	ug/l	100
5) Bromomethane	2.598	94	324698	47.481	ug/l	99
6) Chloroethane	2.739	64	284191	46.683	ug/l	100
7) Trichlorofluoromethane	3.056	101	508922	45.708	ug/l	100
8) Diethyl Ether	3.458	74	135802	46.102	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	266790	48.569	ug/l	99
10) Methyl Iodide	4.007	142	325506	54.916	ug/l	98
11) Tert butyl alcohol	4.866	59	79834	218.191	ug/l	99
12) 1,1-Dichloroethene	3.793	96	267212	49.491	ug/l	90
13) Acrolein	3.653	56	60662	113.207	ug/l	93
14) Allyl chloride	4.385	41	361978	45.563	ug/l	96
15) Acrylonitrile	5.061	53	279904	233.725	ug/l	99
16) Acetone	3.866	43	316768	273.812	ug/l	99
17) Carbon Disulfide	4.110	76	811887	46.117	ug/l	100
18) Methyl Acetate	4.385	43	147420	42.821	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	679197	48.545	ug/l	99
20) Methylene Chloride	4.616	84	287656	47.727	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	299764	49.404	ug/l	96
22) Diisopropyl ether	6.025	45	825090	47.793	ug/l	99
23) Vinyl Acetate	5.964	43	2298296	240.761	ug/l	100
24) 1,1-Dichloroethane	5.921	63	508733	48.199	ug/l	99
25) 2-Butanone	6.896	43	384462	244.351	ug/l	97
26) 2,2-Dichloropropane	6.890	77	468257	51.414	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	351019	50.042	ug/l	98
28) Bromochloromethane	7.244	49	186381	44.509	ug/l	95
29) Tetrahydrofuran	7.262	42	221133	226.737	ug/l	96
30) Chloroform	7.421	83	536519	49.287	ug/l	95
31) Cyclohexane	7.701	56	460210	46.269	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	483961	50.106	ug/l	100
36) 1,1-Dichloropropene	7.835	75	395952	50.818	ug/l	99
37) Ethyl Acetate	6.988	43	157126	48.006	ug/l	99
38) Carbon Tetrachloride	7.817	117	436510	51.581	ug/l	99
39) Methylcyclohexane	9.109	83	531826	51.832	ug/l	97
40) Benzene	8.079	78	1210380	50.401	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	75919	40.191	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	300070	48.044	ug/l	100
43) Isopropyl Acetate	8.201	43	308955	46.703	ug/l #	84
44) Trichloroethene	8.866	130	319381	51.463	ug/l	100
45) 1,2-Dichloropropane	9.146	63	276520	50.044	ug/l	97
46) Dibromomethane	9.231	93	157422	49.637	ug/l	99
47) Bromodichloromethane	9.426	83	406246	49.781	ug/l	97
48) Methyl methacrylate	9.219	41	152020	48.023	ug/l	97
49) 1,4-Dioxane	9.231	88	34759	934.713	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	822061	240.906	ug/l	98
52) Toluene	10.170	92	788070	51.669	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	377708	51.112	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	441435	50.516	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	213063	50.206	ug/l	97
56) Ethyl methacrylate	10.438	69	276182	50.859	ug/l	99
57) 1,3-Dichloropropane	10.719	76	354628	49.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	622022	242.835	ug/l	97
59) 2-Hexanone	10.762	43	592202	254.865	ug/l	98
60) Dibromochloromethane	10.914	129	285374	50.963	ug/l	99
61) 1,2-Dibromoethane	11.018	107	201073	50.411	ug/l	100
64) Tetrachloroethene	10.646	164	342427	50.340	ug/l	98
65) Chlorobenzene	11.444	112	858367	52.238	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	295011	52.900	ug/l	99
67) Ethyl Benzene	11.517	91	1494465	52.850	ug/l	99
68) m/p-Xylenes	11.627	106	1186104	107.397	ug/l	98
69) o-Xylene	11.956	106	557951	53.940	ug/l	100
70) Styrene	11.969	104	930498	55.007	ug/l	98
71) Bromoform	12.133	173	166298	51.022	ug/l	99
73) Isopropylbenzene	12.255	105	1455261	52.528	ug/l	99
74) N-amyl acetate	12.072	43	285441	48.584	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	230085	48.639	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	307699	81.222	ug/l #	100
77) Bromobenzene	12.529	156	336874	50.968	ug/l	97
78) n-propylbenzene	12.597	91	1741756	52.806	ug/l	99
79) 2-Chlorotoluene	12.676	91	975057	51.594	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1191826	53.229	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	77577	49.570	ug/l	98
82) 4-Chlorotoluene	12.773	91	1000547	51.036	ug/l	99
83) tert-Butylbenzene	12.993	119	1091125	53.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1191535	53.459	ug/l	100
85) sec-Butylbenzene	13.176	105	1594423	53.673	ug/l	100
86) p-Isopropyltoluene	13.292	119	1357746	55.063	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	680781	52.231	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	663039	51.281	ug/l	99
89) n-Butylbenzene	13.615	91	1231645	54.384	ug/l	99
90) Hexachloroethane	13.877	117	264268	52.354	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	588570	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34676	47.081	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	345818	51.158	ug/l	99
94) Hexachlorobutadiene	15.023	225	202124	50.885	ug/l	99
95) Naphthalene	15.145	128	590257	51.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	288433	49.517	ug/l	99

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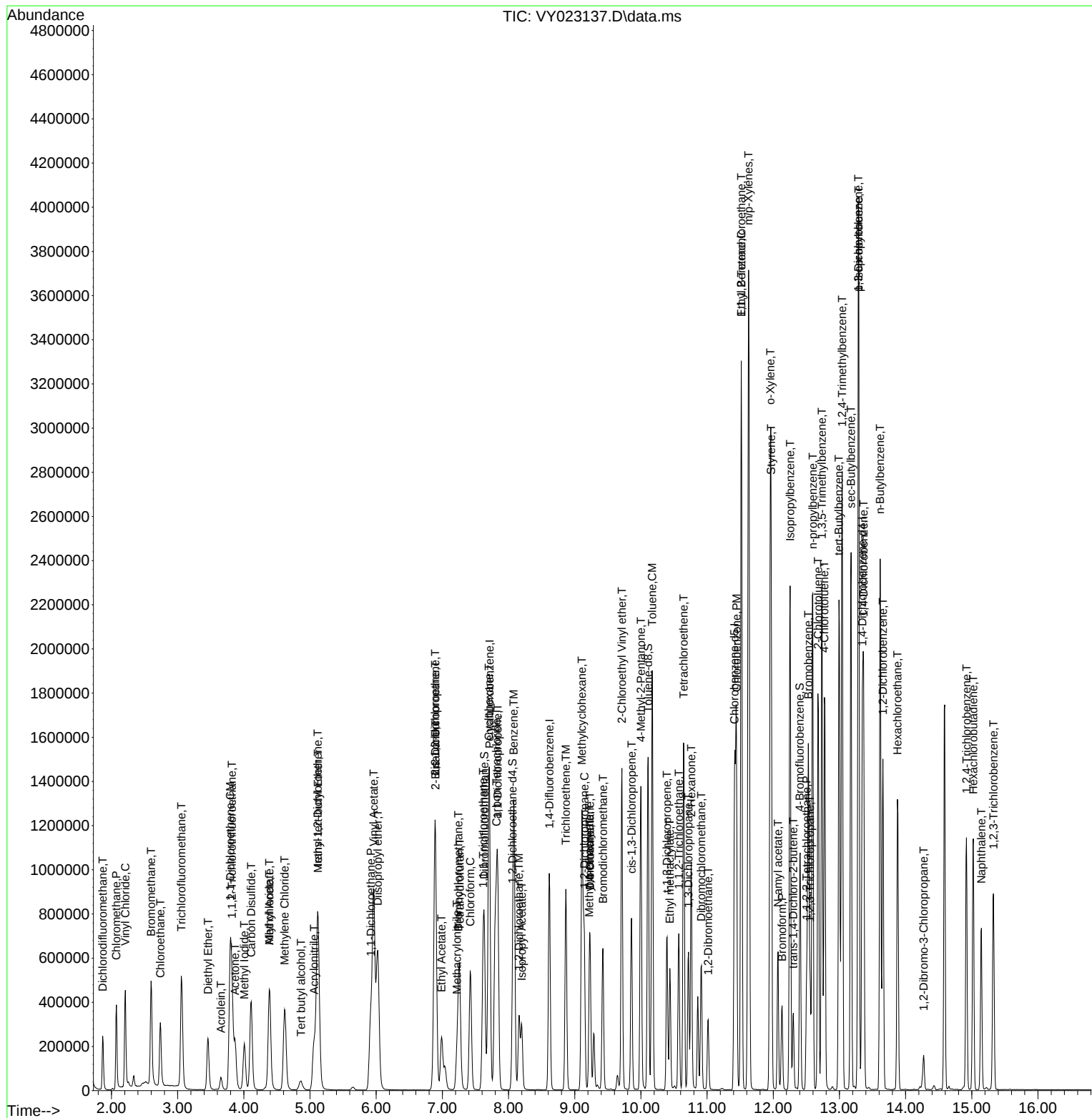
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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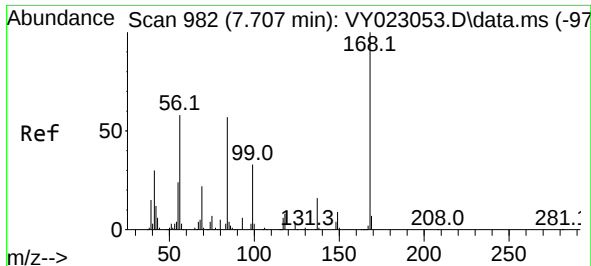
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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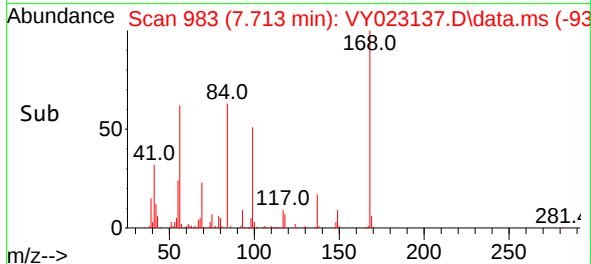
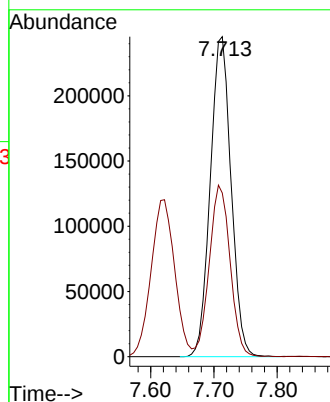
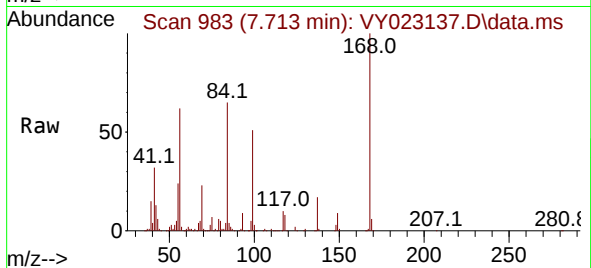




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023137.D
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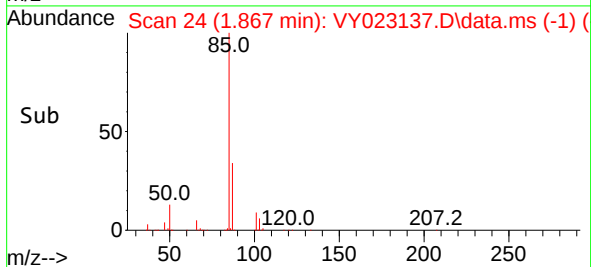
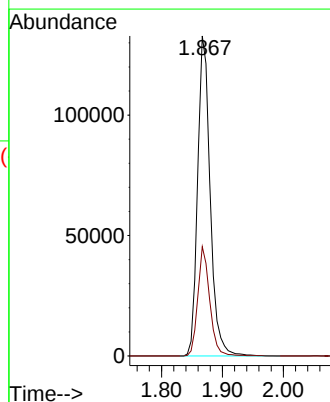
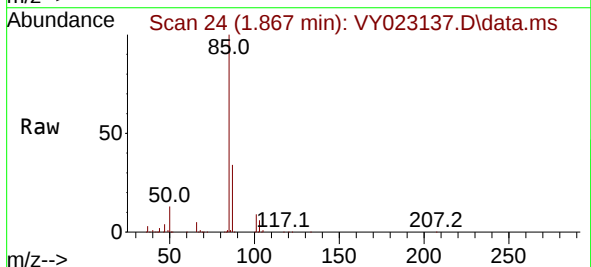
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 560294
Ion Ratio Lower Upper
168 100
99 51.1 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.557 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 85 Resp: 190057
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8

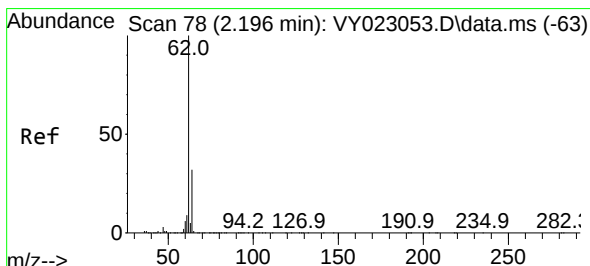
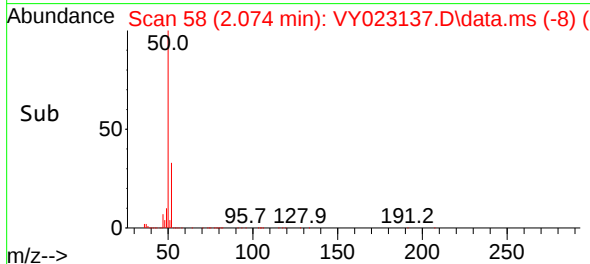
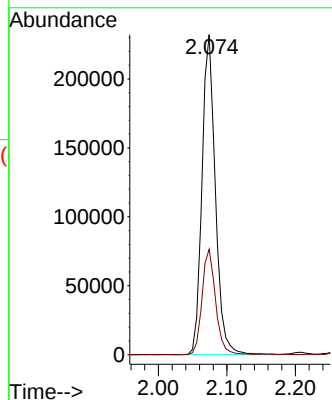
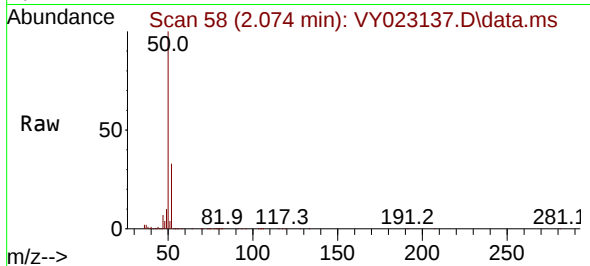




#3
Chloromethane
Concen: 42.705 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

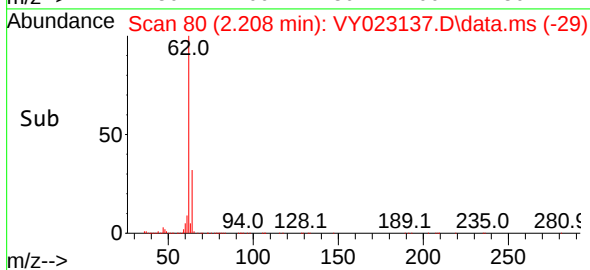
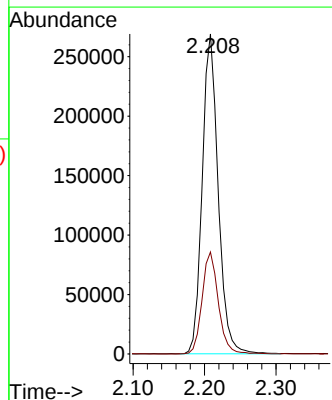
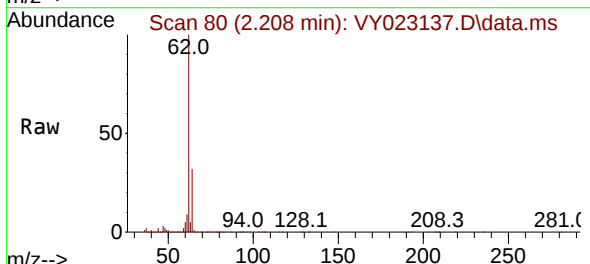
Instrument :
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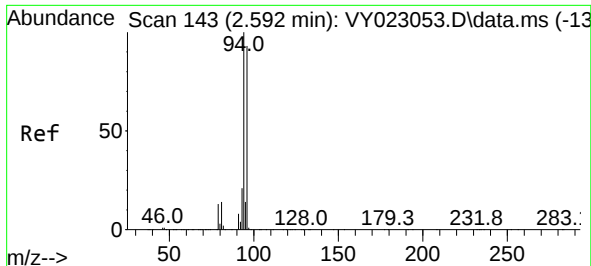
Tgt Ion: 50 Resp: 316334
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 45.491 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 62 Resp: 416548
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

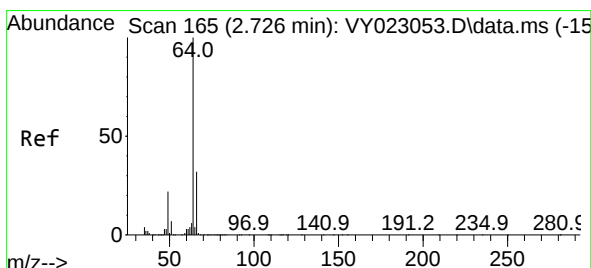
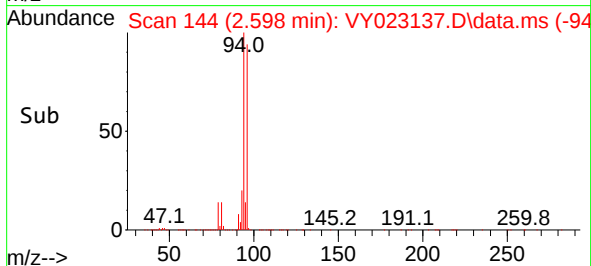
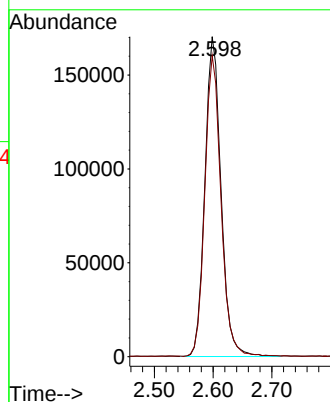
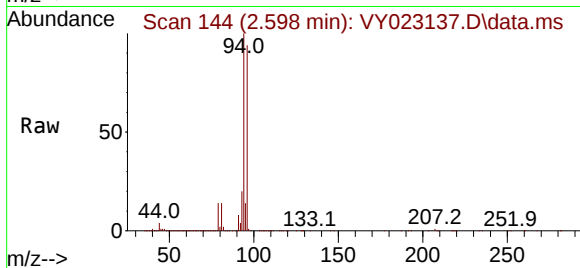




#5
Bromomethane
Concen: 47.481 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

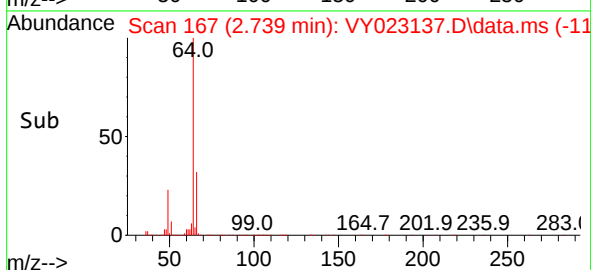
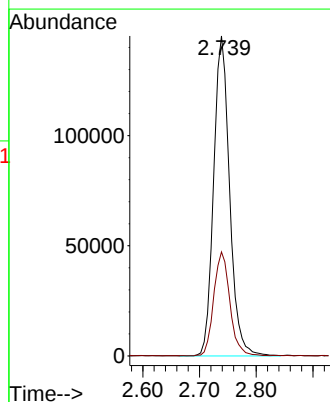
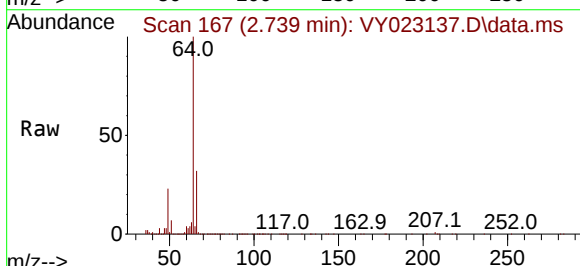
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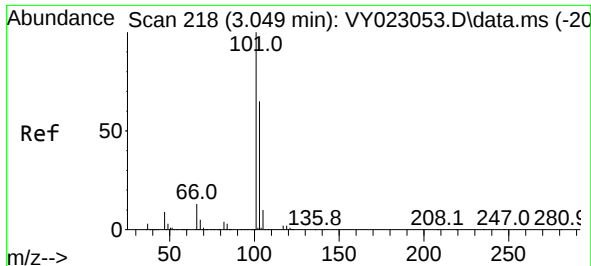
Tgt Ion: 94 Resp: 324698
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0



#6
Chloroethane
Concen: 46.683 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 64 Resp: 284191
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.6

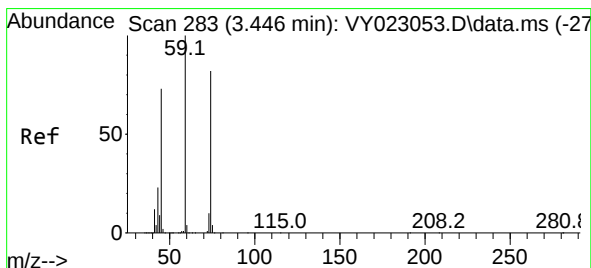
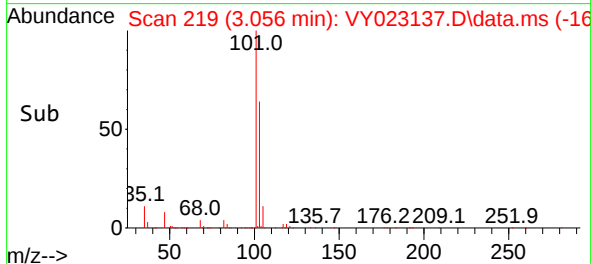
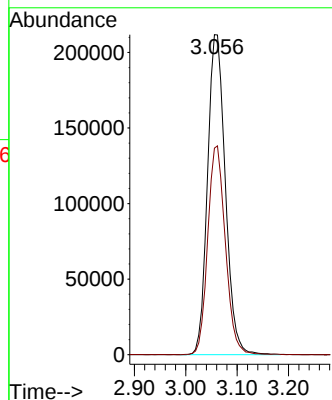
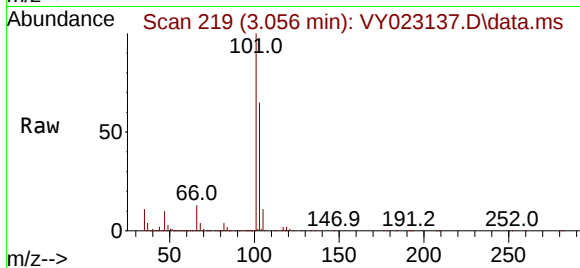




#7
Trichlorofluoromethane
Concen: 45.708 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

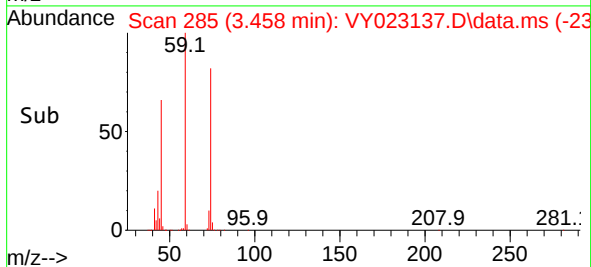
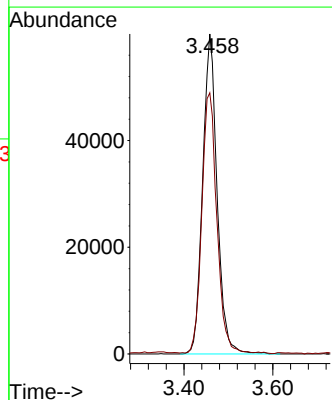
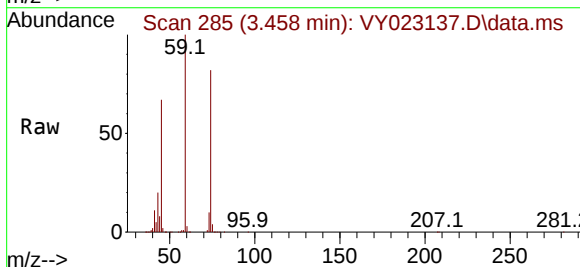
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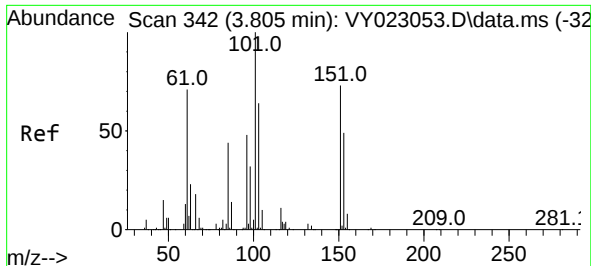
Tgt Ion:101 Resp: 508922
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9



#8
Diethyl Ether
Concen: 46.102 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 74 Resp: 135802
Ion Ratio Lower Upper
74 100
45 84.4 44.4 133.2

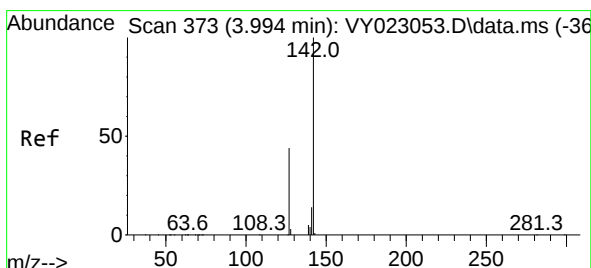
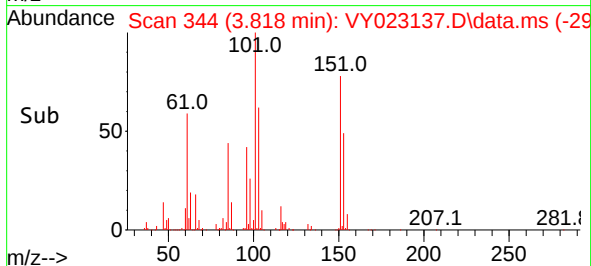
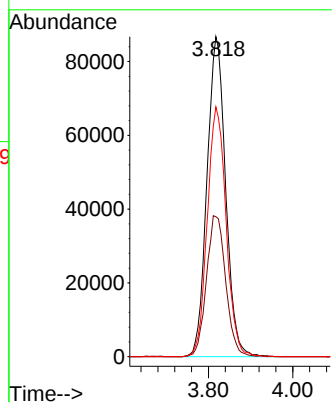
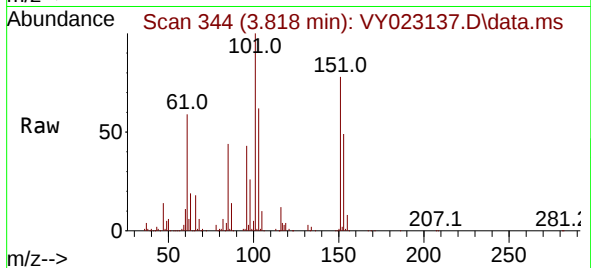




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.569 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

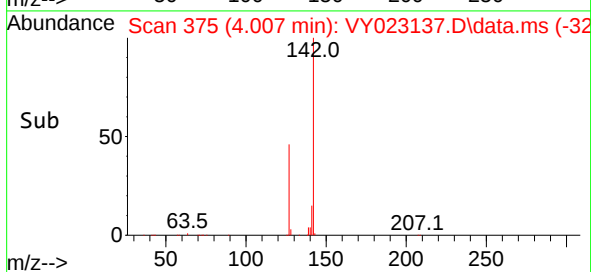
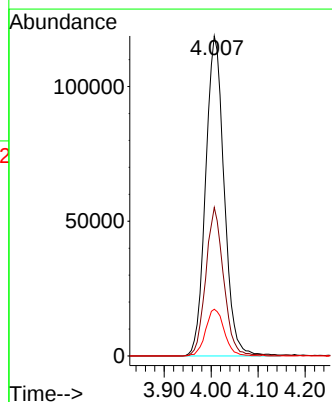
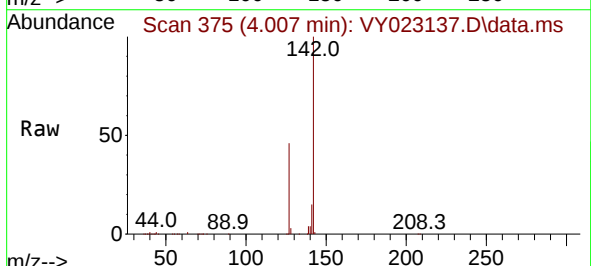
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

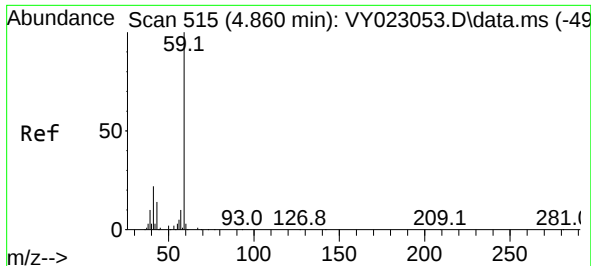
Tgt Ion:101 Resp: 266790
Ion Ratio Lower Upper
101 100
85 45.5 36.3 54.5
151 78.8 61.5 92.3



#10
Methyl Iodide
Concen: 54.916 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion:142 Resp: 325506
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 14.7 11.3 16.9

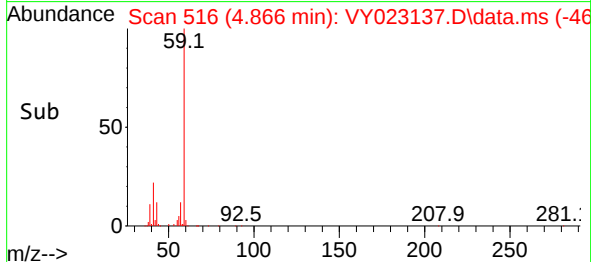
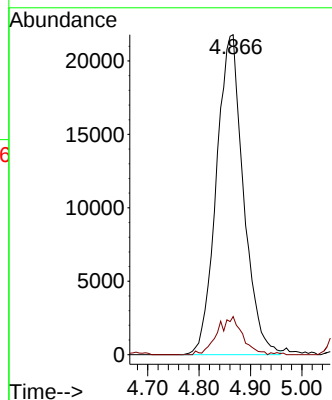
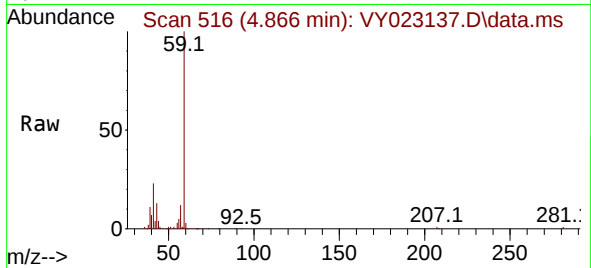




#11
Tert butyl alcohol
Concen: 218.191 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

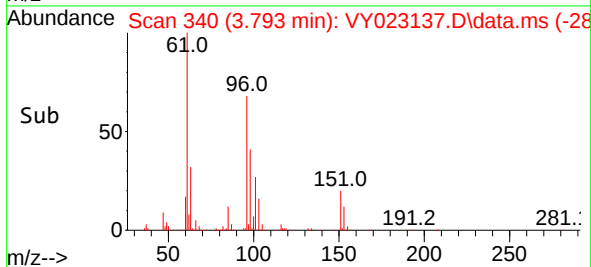
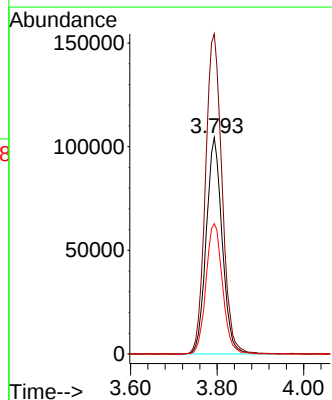
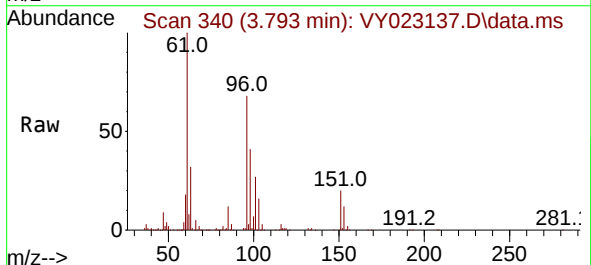
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

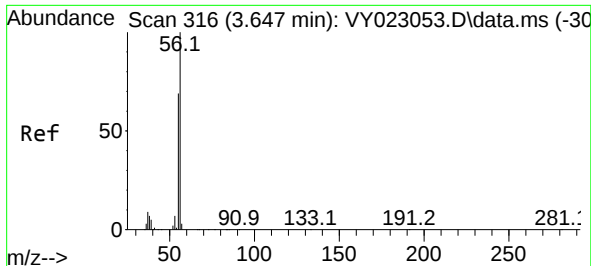
Tgt Ion: 59 Resp: 79834
Ion Ratio Lower Upper
59 100
57 11.0 8.6 13.0



#12
1,1-Dichloroethene
Concen: 49.491 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 96 Resp: 267212
Ion Ratio Lower Upper
96 100
61 148.0 129.4 194.2
98 60.2 52.8 79.2

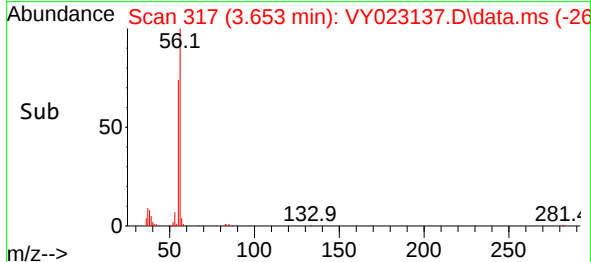
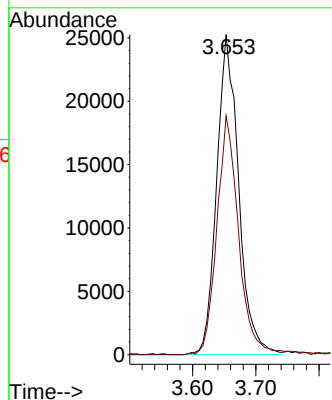
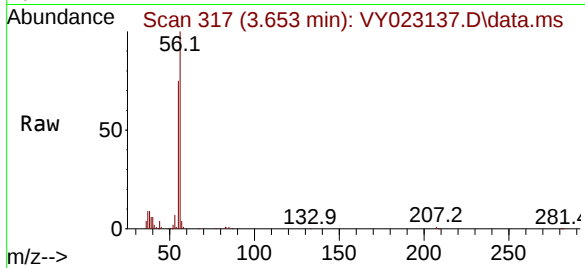




#13
Acrolein
Concen: 113.207 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

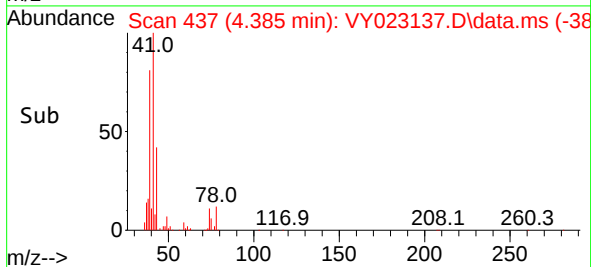
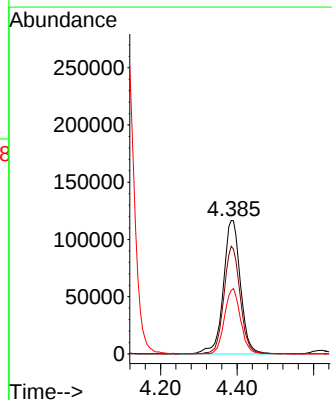
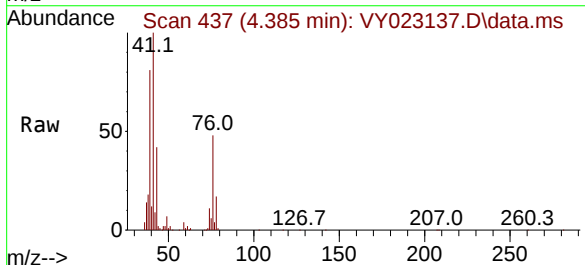
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

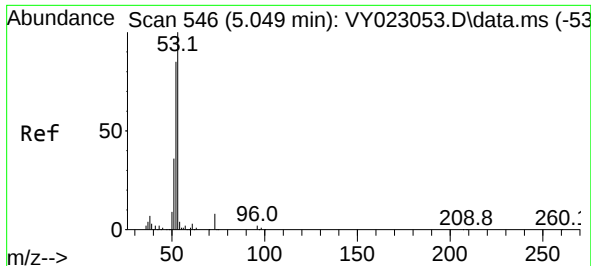
Tgt Ion: 56 Resp: 60662
Ion Ratio Lower Upper
56 100
55 74.5 55.2 82.8



#14
Allyl chloride
Concen: 45.563 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 41 Resp: 361978
Ion Ratio Lower Upper
41 100
39 76.6 59.8 89.6
76 46.0 33.7 50.5

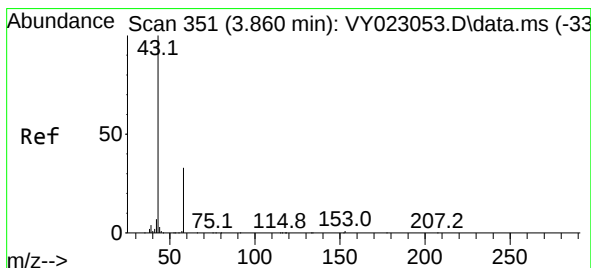
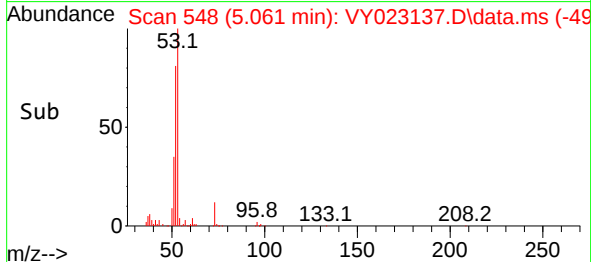
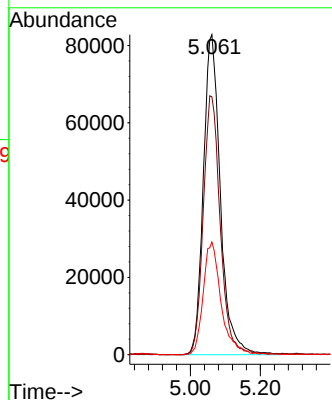
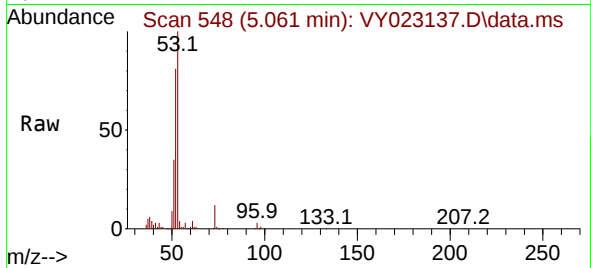




#15
Acrylonitrile
Concen: 233.725 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

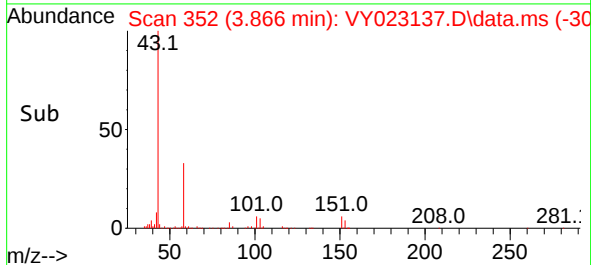
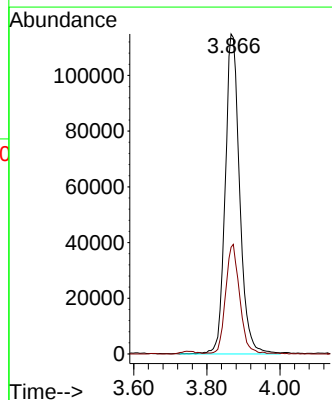
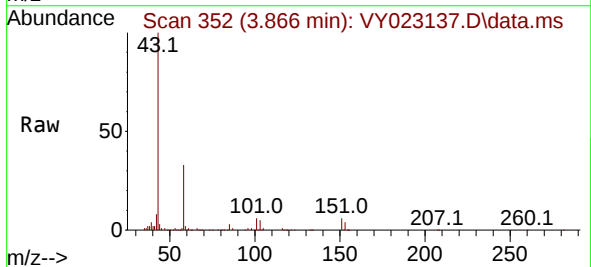
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

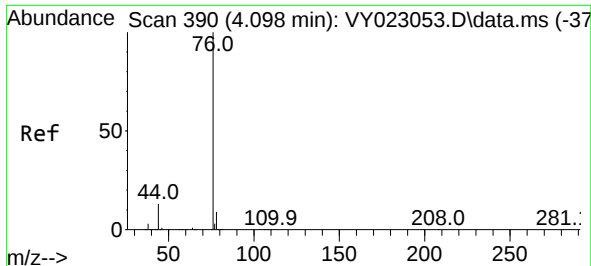
Tgt Ion: 53 Resp: 279904
Ion Ratio Lower Upper
53 100
52 80.2 65.3 97.9
51 36.9 29.5 44.3



#16
Acetone
Concen: 273.812 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 43 Resp: 316768
Ion Ratio Lower Upper
43 100
58 33.2 27.1 40.7

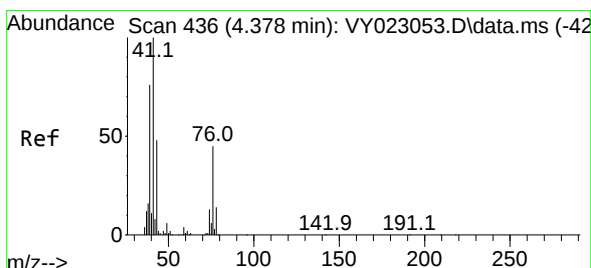
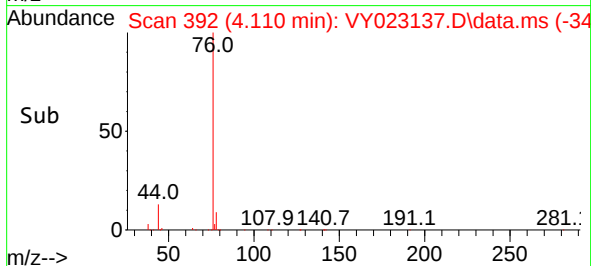
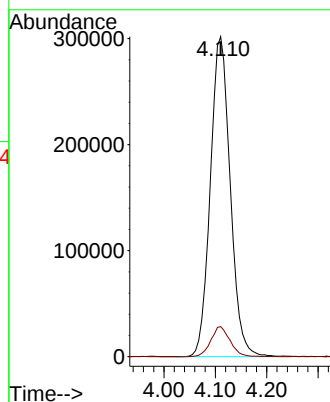
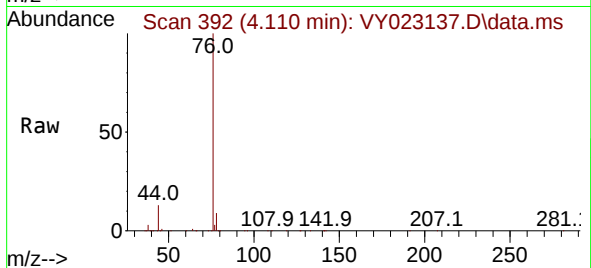




#17
Carbon Disulfide
Concen: 46.117 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

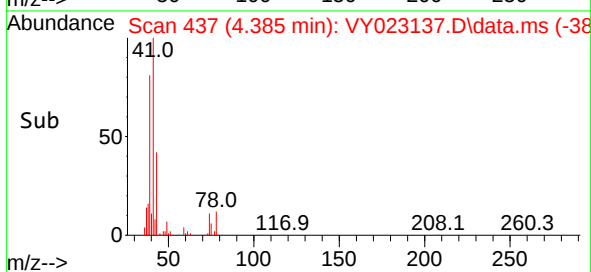
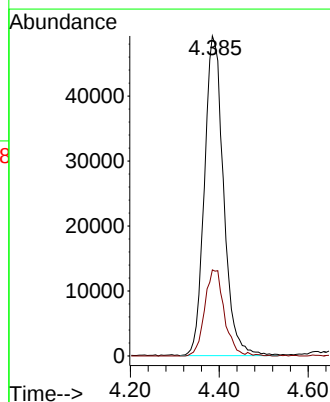
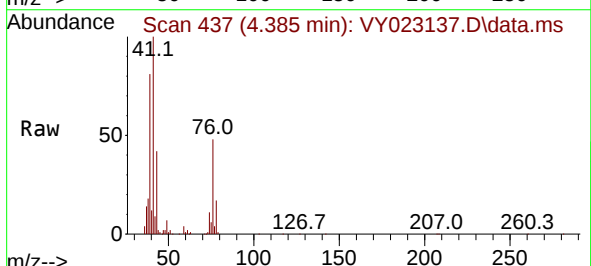
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

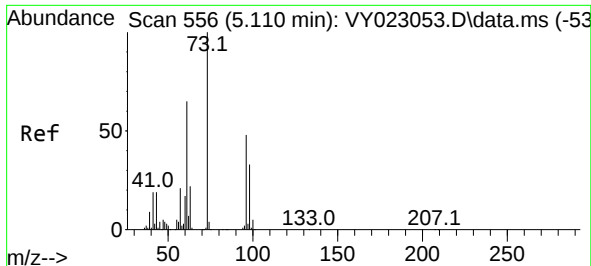
Tgt Ion: 76 Resp: 811887
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 42.821 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 43 Resp: 147420
Ion Ratio Lower Upper
43 100
74 27.3 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 48.545 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

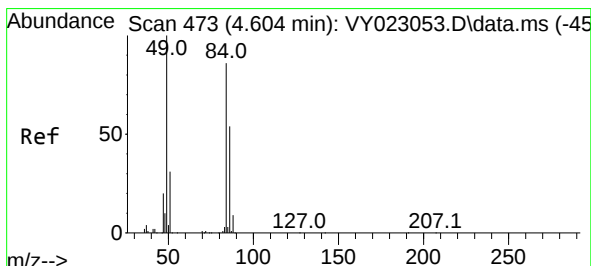
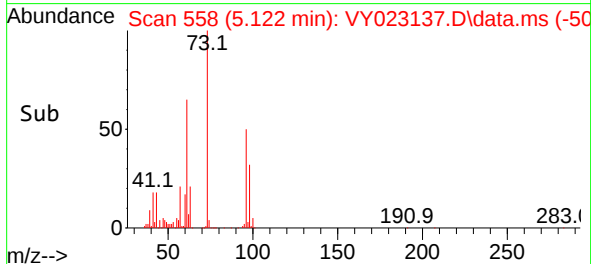
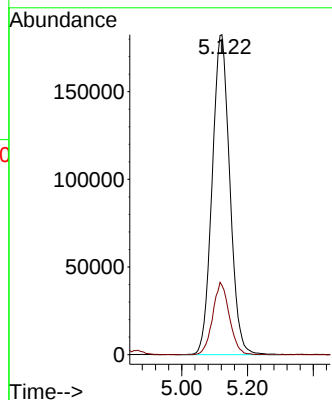
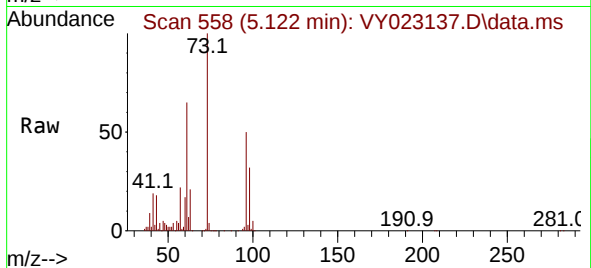
VSTDCCC050

Tgt Ion: 73 Resp: 679197

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 47.727 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Tgt Ion: 84 Resp: 287656

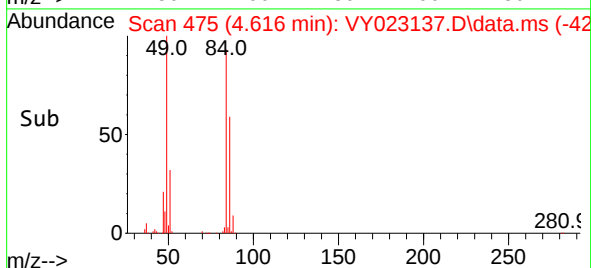
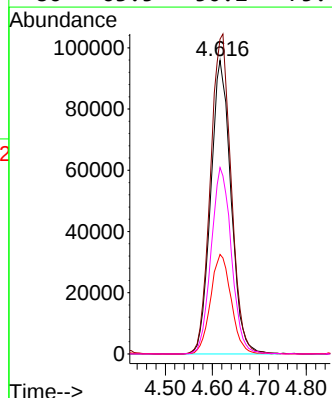
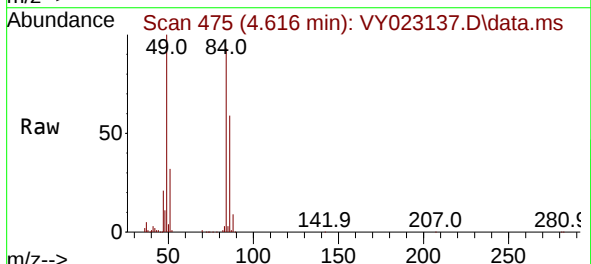
Ion Ratio Lower Upper

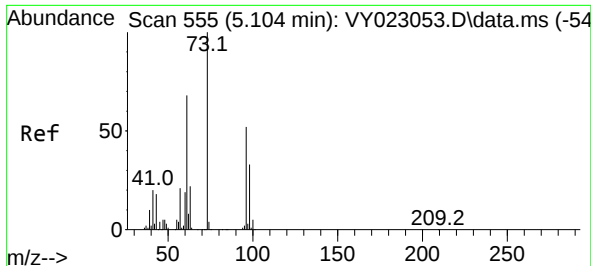
84 100

49 107.3 93.0 139.6

51 33.9 29.0 43.4

86 63.5 50.2 75.4

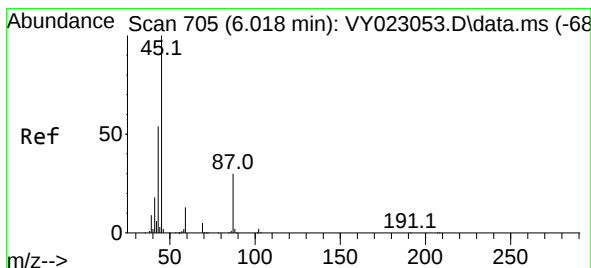
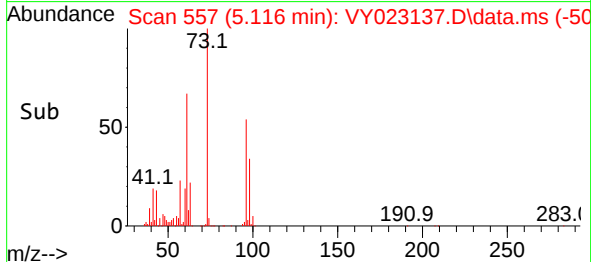
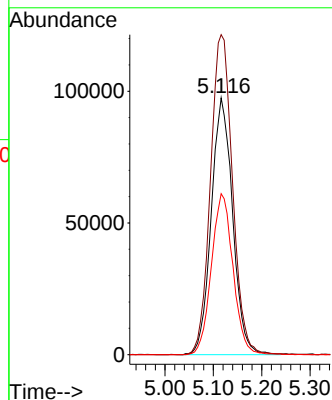
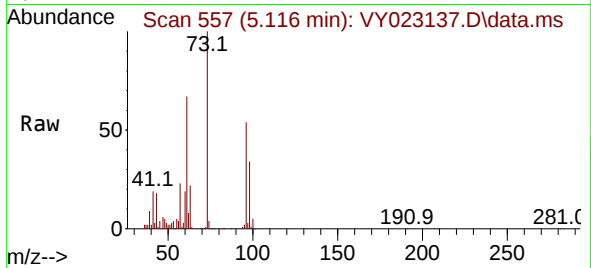




#21
trans-1,2-Dichloroethene
Concen: 49.404 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

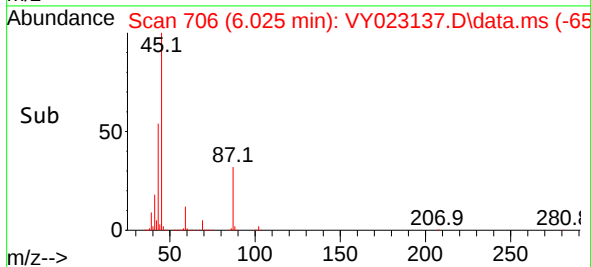
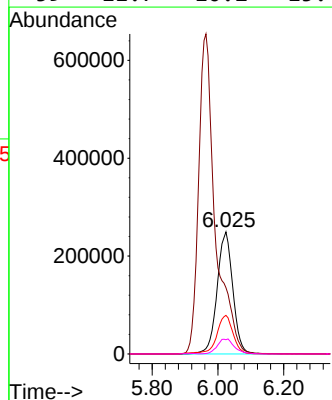
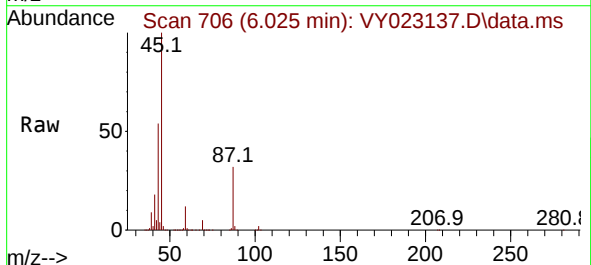
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

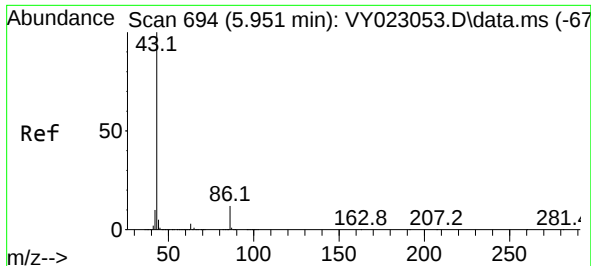
Tgt Ion: 96 Resp: 299764
Ion Ratio Lower Upper
96 100
61 124.6 104.8 157.2
98 62.6 50.1 75.1



#22
Diisopropyl ether
Concen: 47.793 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 45 Resp: 825090
Ion Ratio Lower Upper
45 100
43 54.3 43.4 65.0
87 31.6 24.4 36.6
59 11.7 10.2 15.4

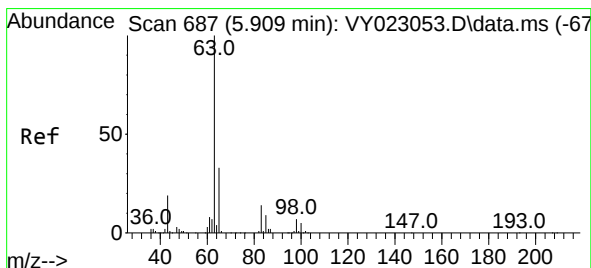
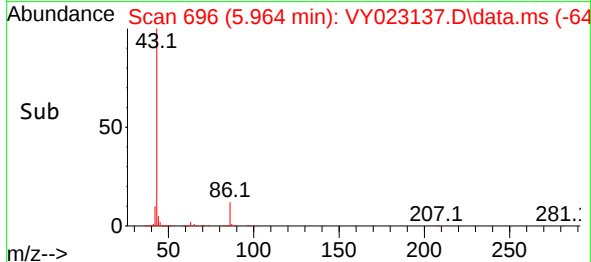
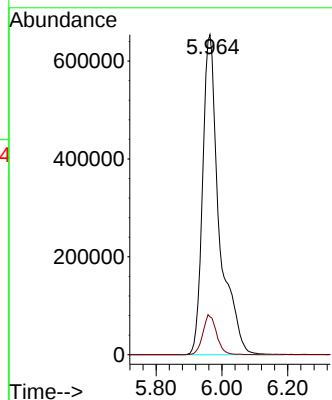
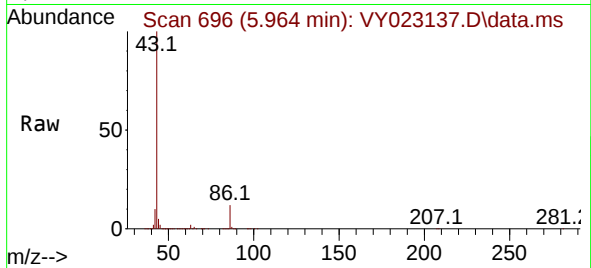




#23
 Vinyl Acetate
 Concen: 240.761 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

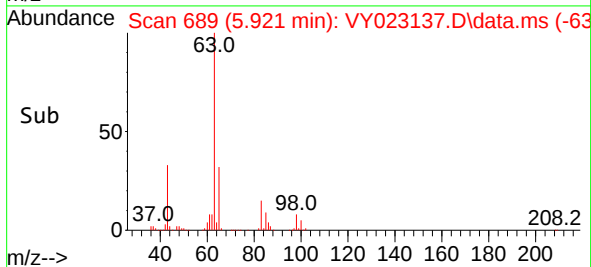
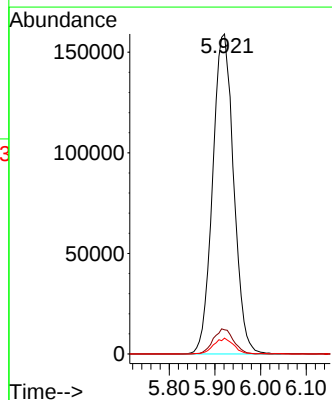
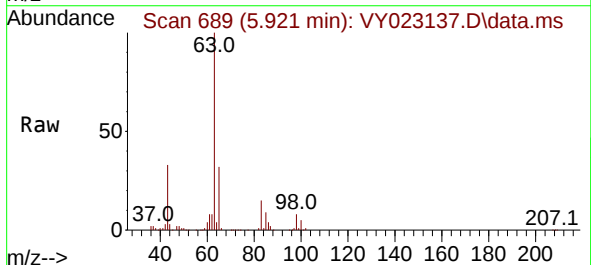
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

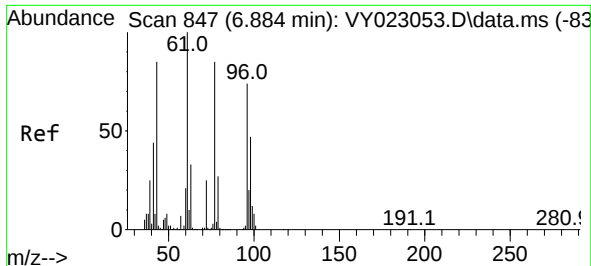
Tgt Ion: 43 Resp: 2298296
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.199 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

Tgt Ion: 63 Resp: 508733
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 244.351 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

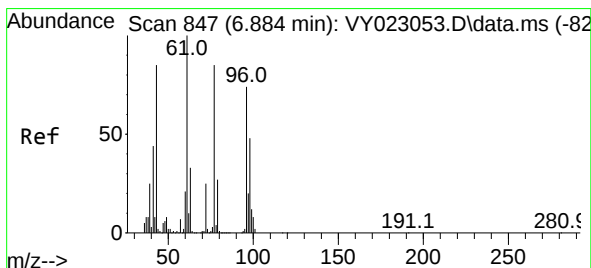
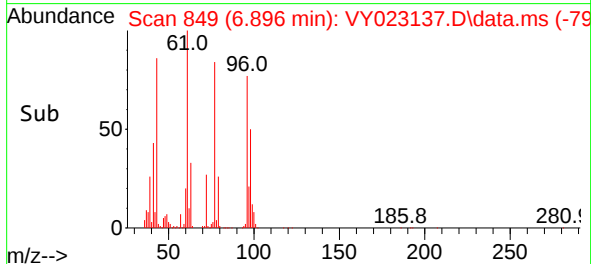
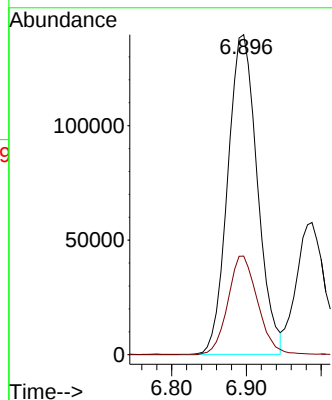
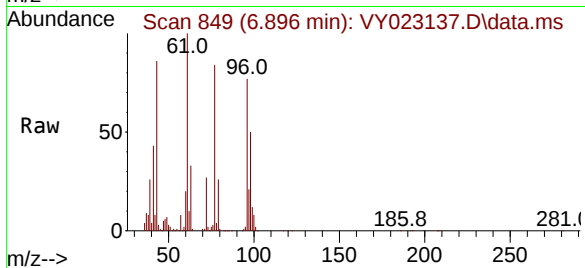
VSTDCCC050

Tgt Ion: 43 Resp: 384462

Ion Ratio Lower Upper

43 100

72 30.8 23.5 35.3



#26

2,2-Dichloropropane

Concen: 51.414 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023137.D

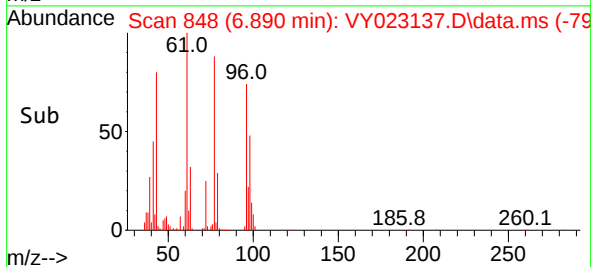
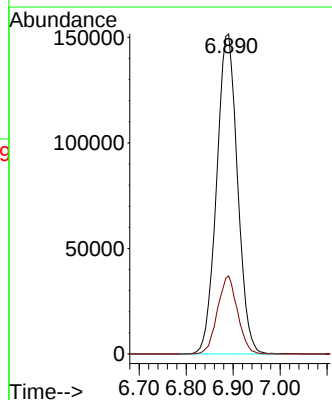
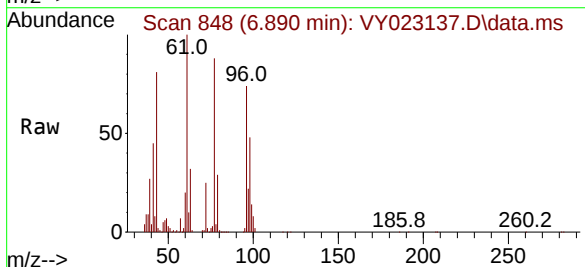
Acq: 19 Aug 2025 09:11

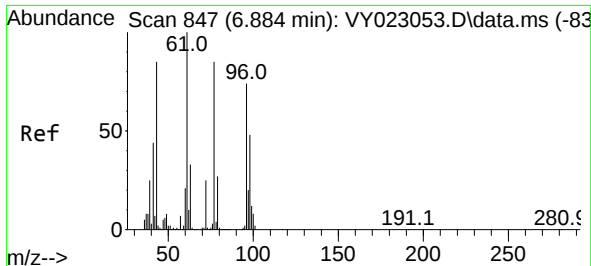
Tgt Ion: 77 Resp: 468257

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8

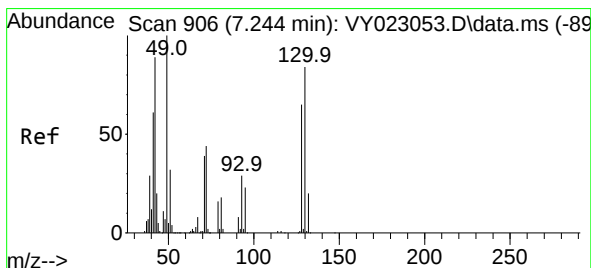
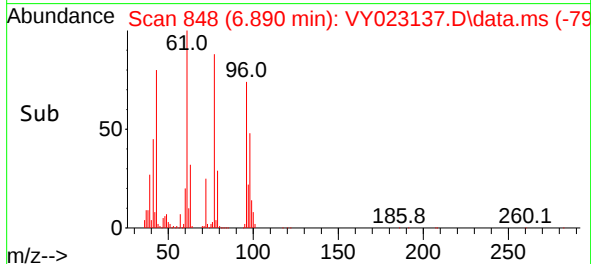
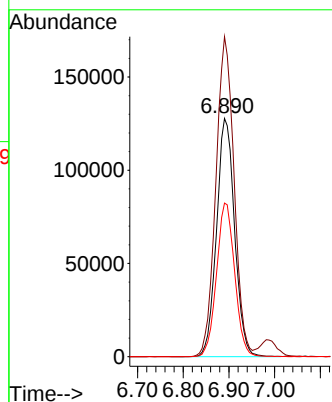
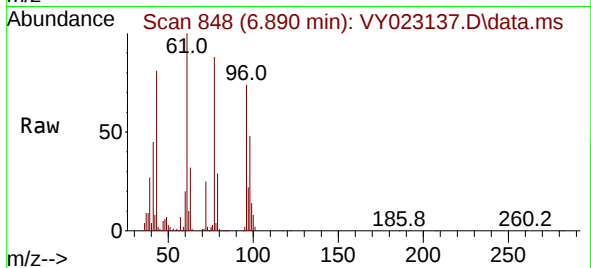




#27
 cis-1,2-Dichloroethene
 Concen: 50.042 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

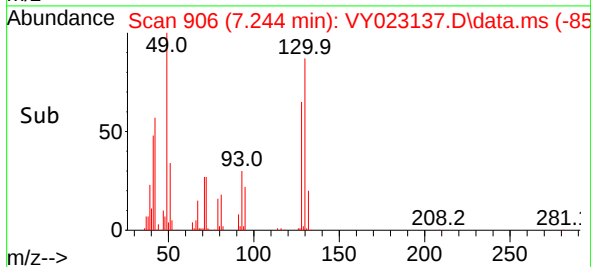
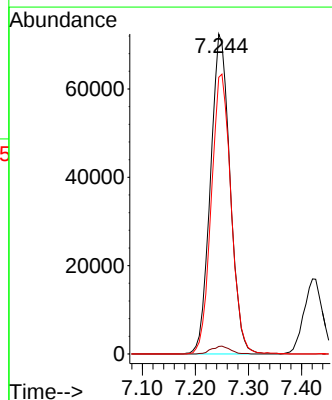
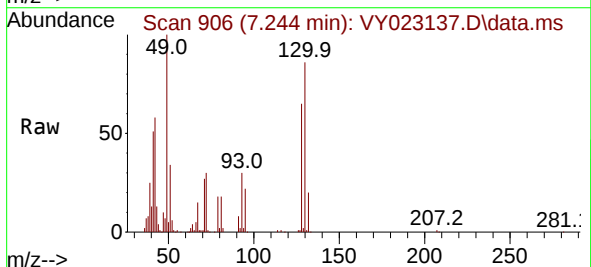
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 351019
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 278.6
 98 64.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 44.509 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

Tgt Ion: 49 Resp: 186381
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 87.8 66.4 99.6





#29

Tetrahydrofuran

Concen: 226.737 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

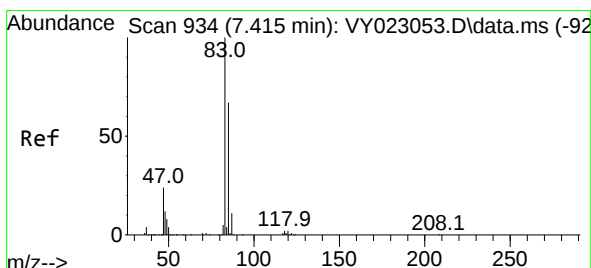
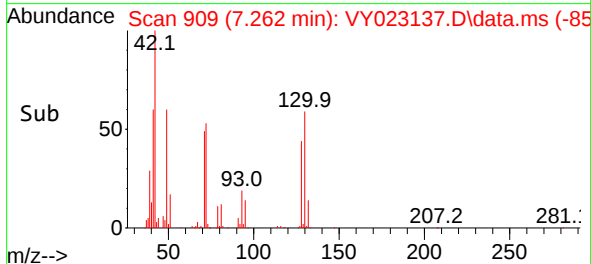
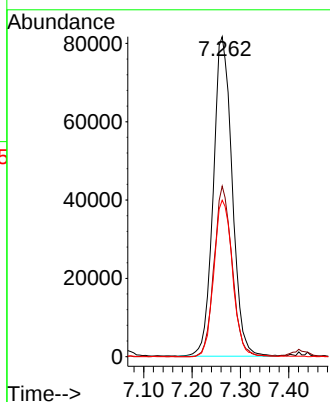
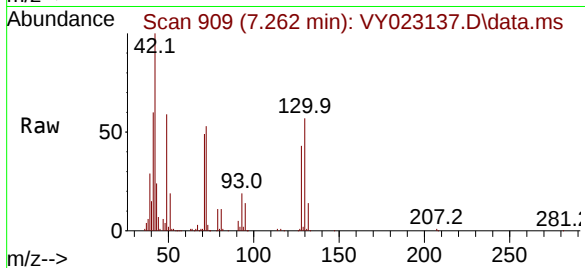
Tgt Ion: 42 Resp: 221133

Ion Ratio Lower Upper

42 100

72 51.1 39.4 59.2

71 48.6 36.5 54.7



#30

Chloroform

Concen: 49.287 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023137.D

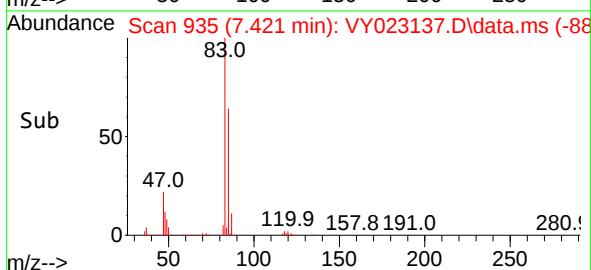
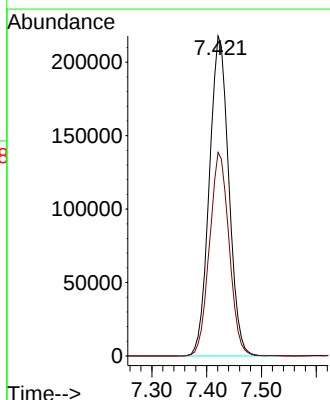
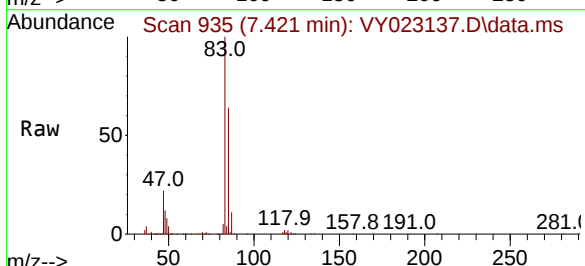
Acq: 19 Aug 2025 09:11

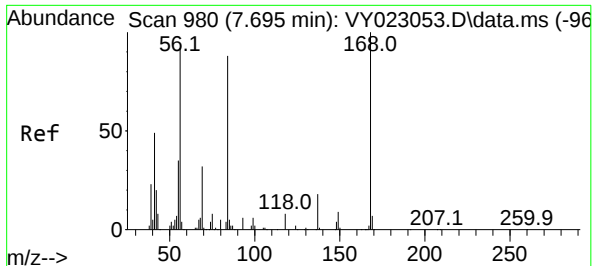
Tgt Ion: 83 Resp: 536519

Ion Ratio Lower Upper

83 100

85 63.6 53.8 80.8

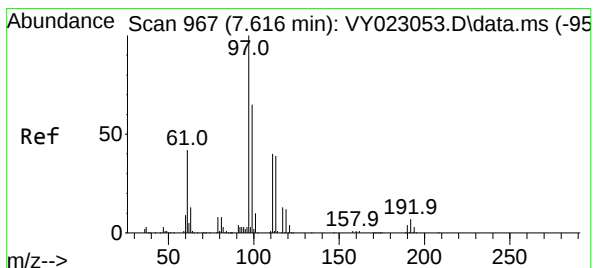
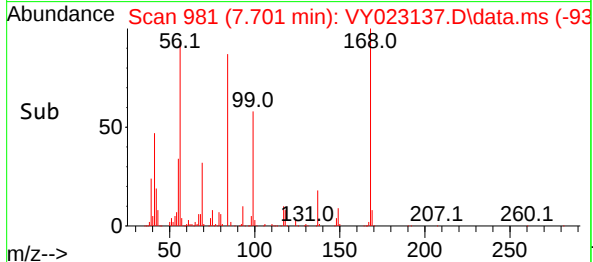
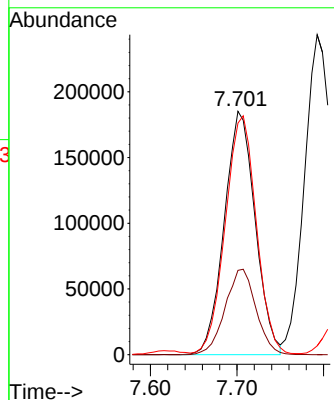
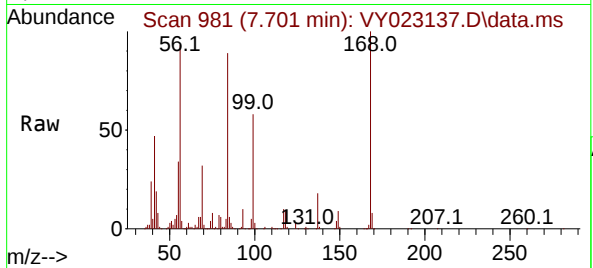




#31
Cyclohexane
Concen: 46.269 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

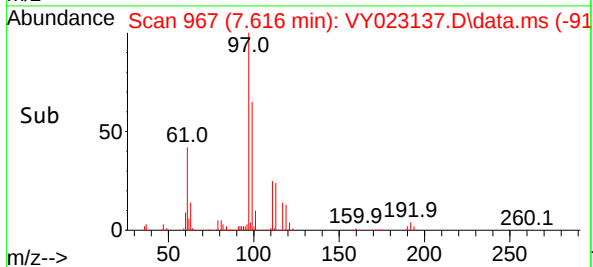
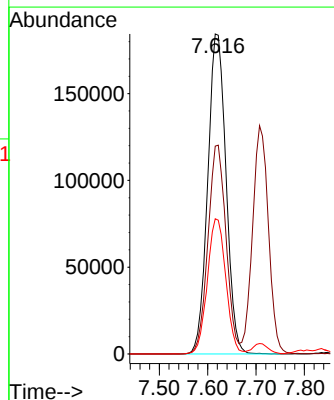
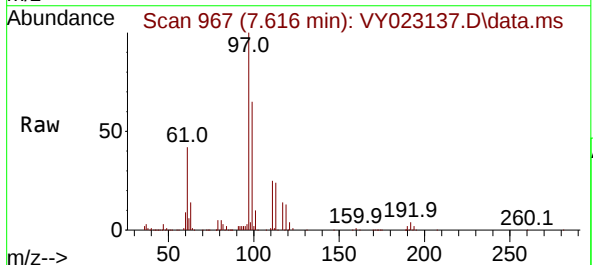
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 460210
Ion Ratio Lower Upper
56 100
69 34.6 28.2 42.2
84 94.2 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 50.106 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 97 Resp: 483961
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.256 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

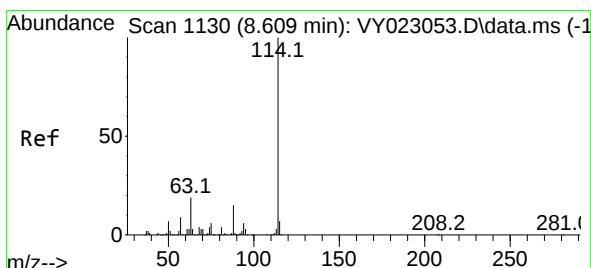
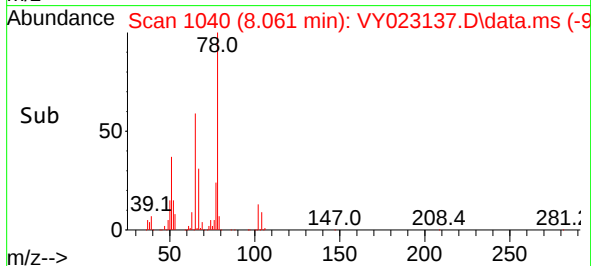
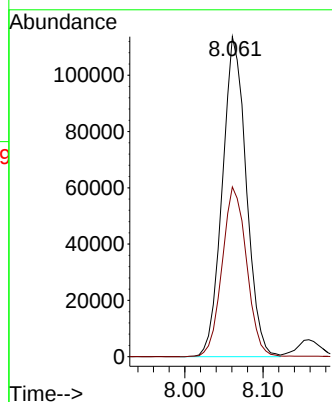
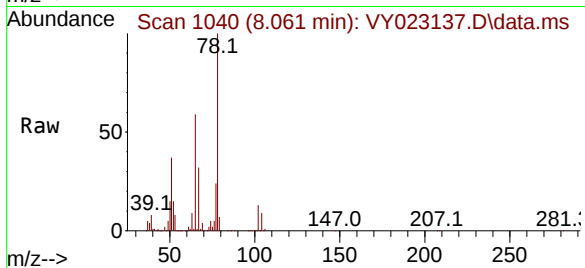
VSTDCCC050

Tgt Ion: 65 Resp: 241668

Ion Ratio Lower Upper

65 100

67 54.3 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: VY023137.D

Acq: 19 Aug 2025 09:11

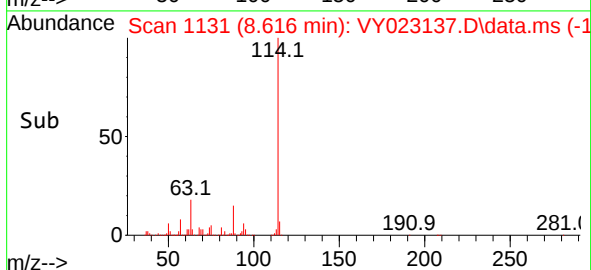
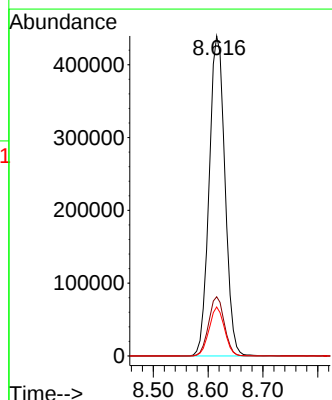
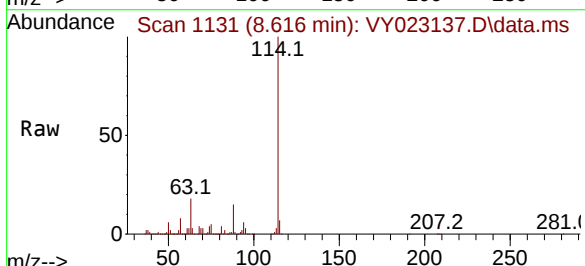
Tgt Ion: 114 Resp: 876189

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.3 0.0 30.0

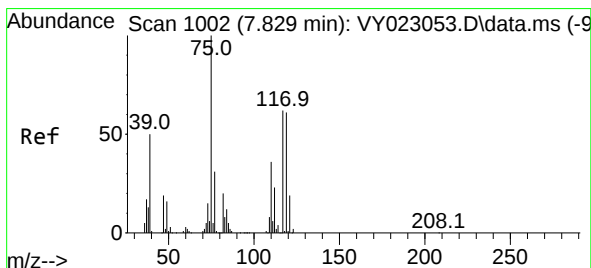
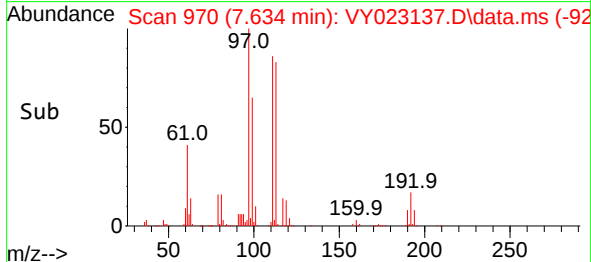
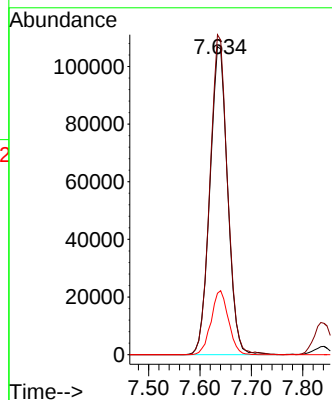
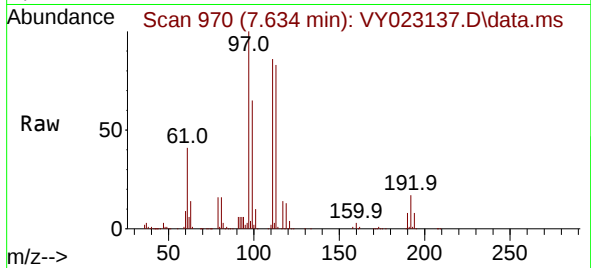




#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

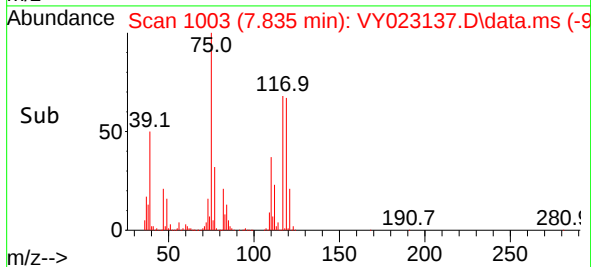
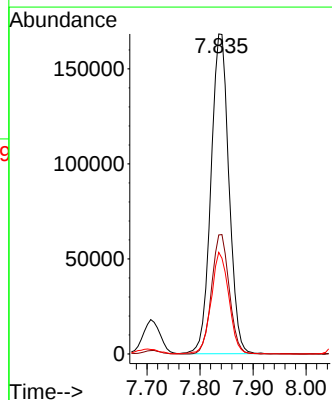
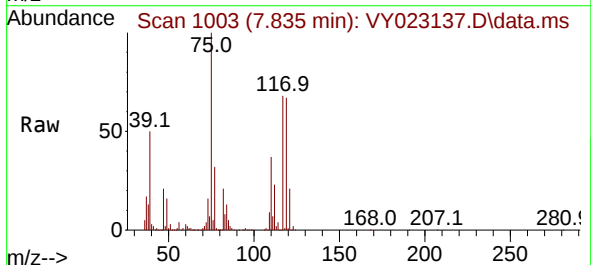
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

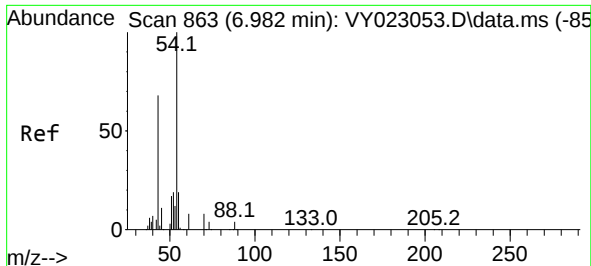
Tgt Ion:113 Resp: 256133
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.818 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 75 Resp: 395952
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 48.006 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

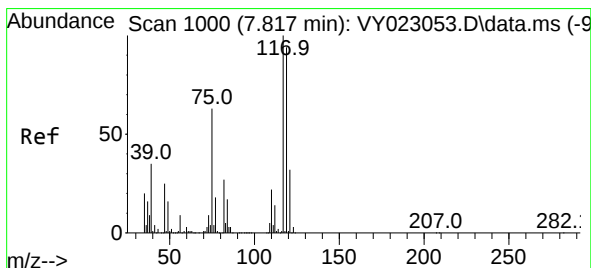
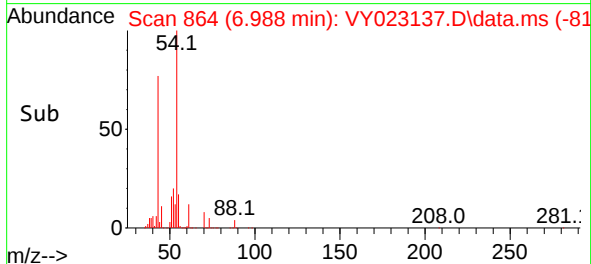
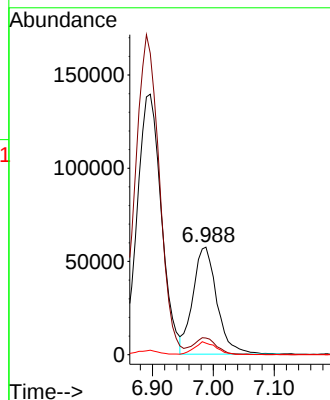
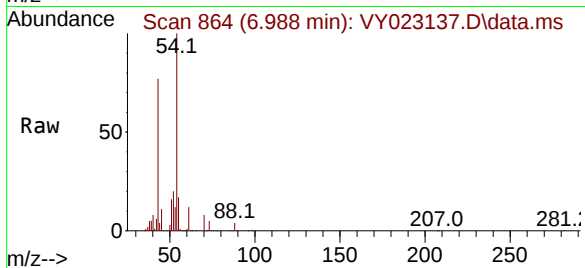
Tgt Ion: 43 Resp: 157126

Ion Ratio Lower Upper

43 100

61 14.5 11.9 17.9

70 11.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 51.581 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

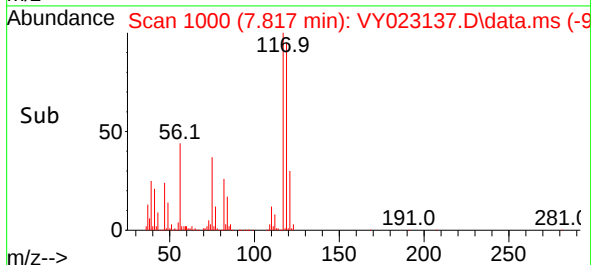
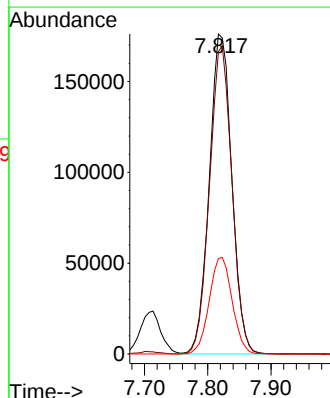
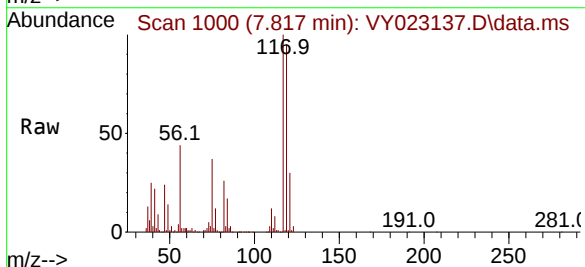
Tgt Ion: 117 Resp: 436510

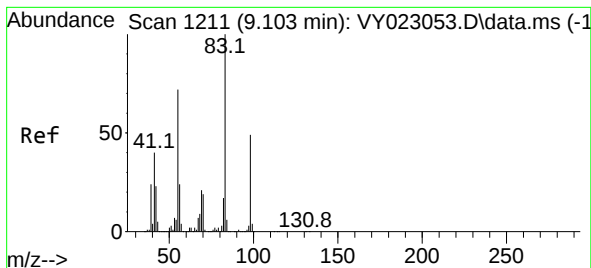
Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

121 29.8 25.8 38.8





#39

Methylcyclohexane

Concen: 51.832 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

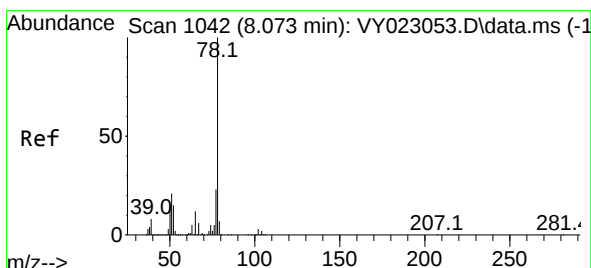
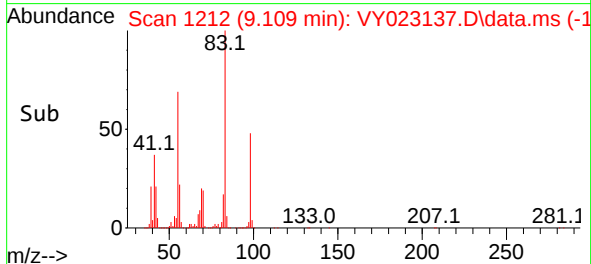
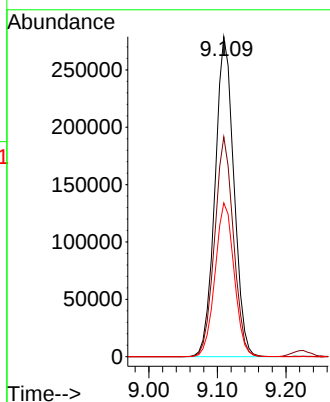
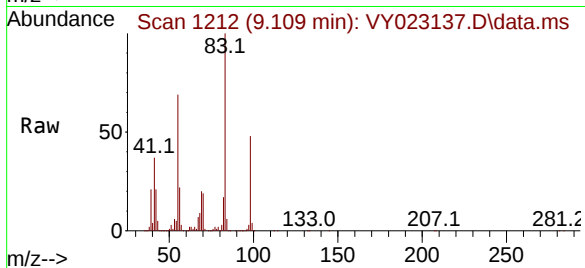
Tgt Ion: 83 Resp: 531826

Ion Ratio Lower Upper

83 100

55 68.7 57.6 86.4

98 48.0 39.2 58.8



#40

Benzene

Concen: 50.401 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023137.D

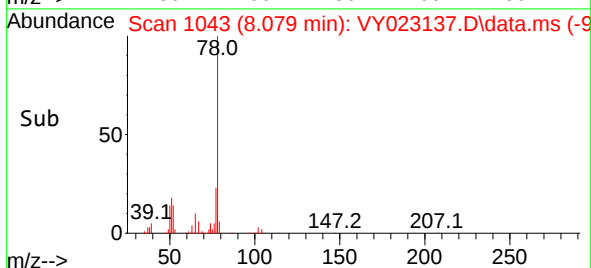
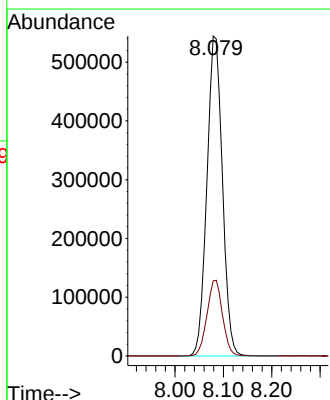
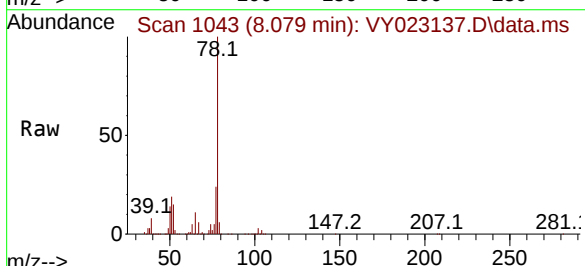
Acq: 19 Aug 2025 09:11

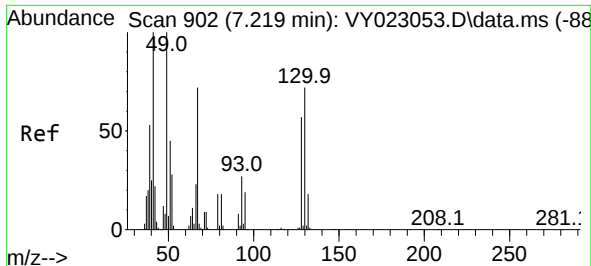
Tgt Ion: 78 Resp: 1210380

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



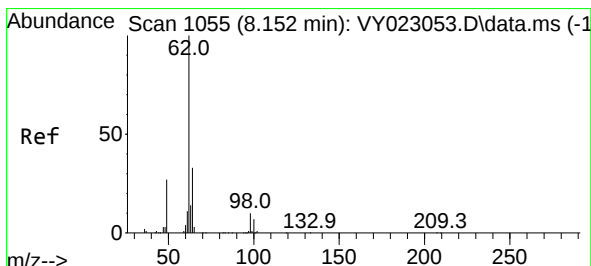
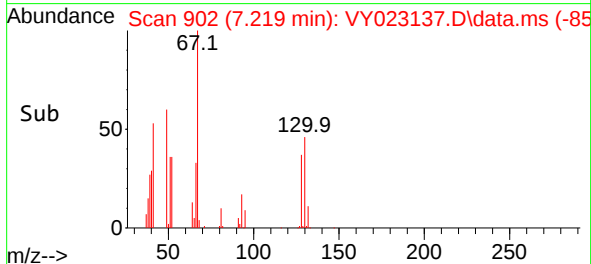
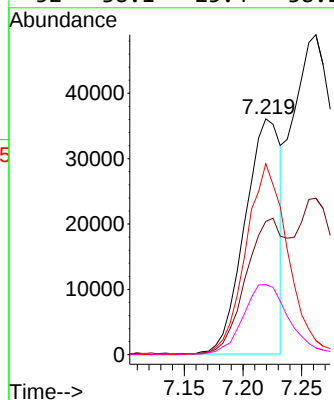
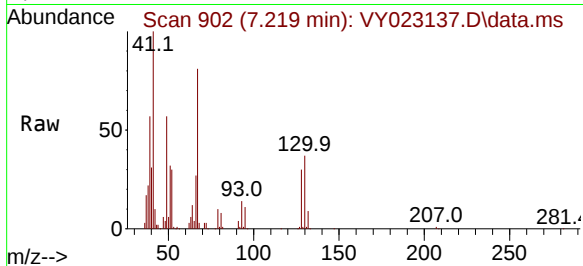


#41
Methacrylonitrile
Concen: 40.191 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 75919

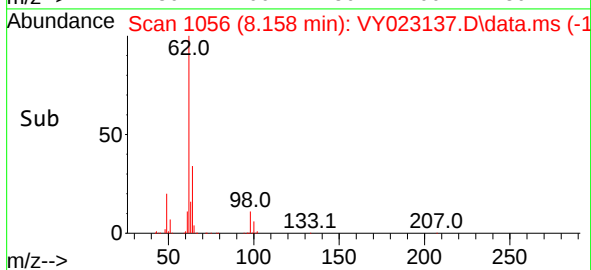
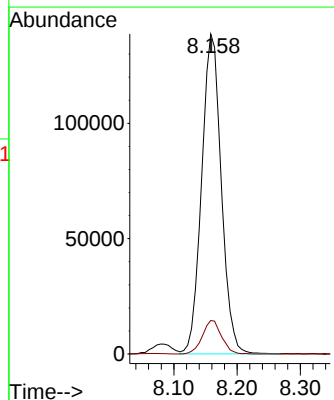
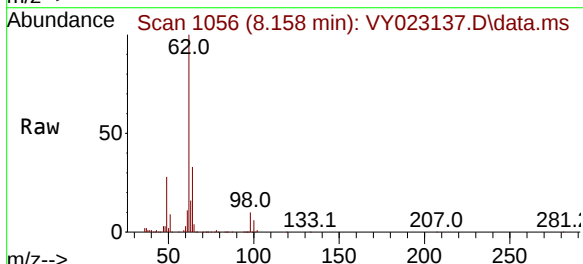
Ion	Ratio	Lower	Upper
41	100		
39	65.0	43.4	65.2
67	96.5	63.6	95.4
52	38.1	25.4	38.2



#42
1,2-Dichloroethane
Concen: 48.044 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 62 Resp: 300070

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6

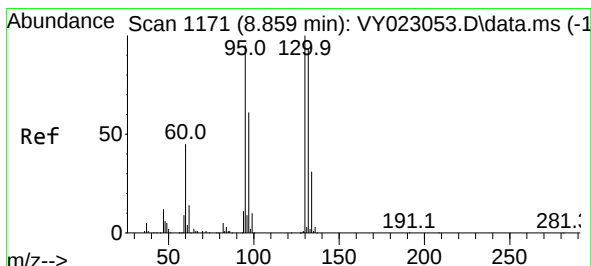
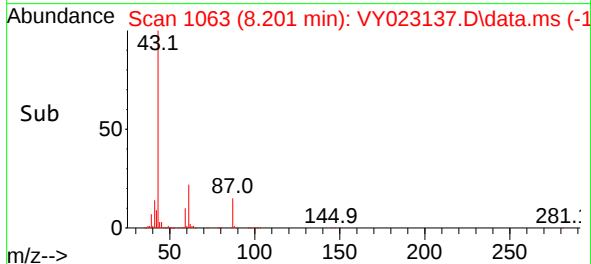
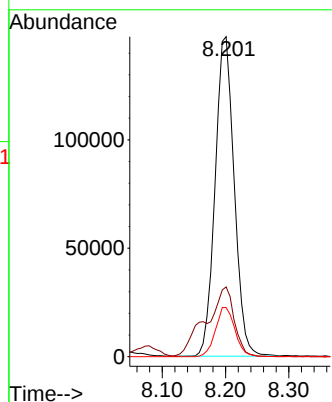
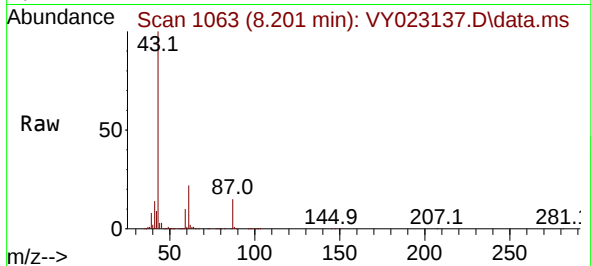




#43
Isopropyl Acetate
Concen: 46.703 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

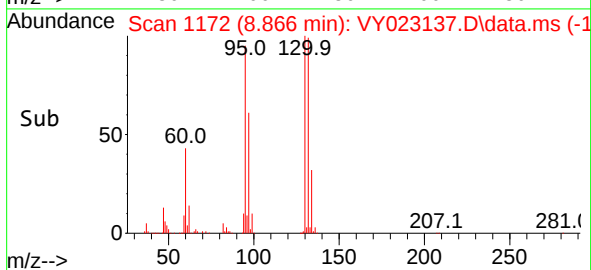
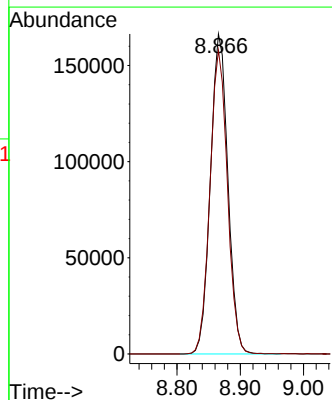
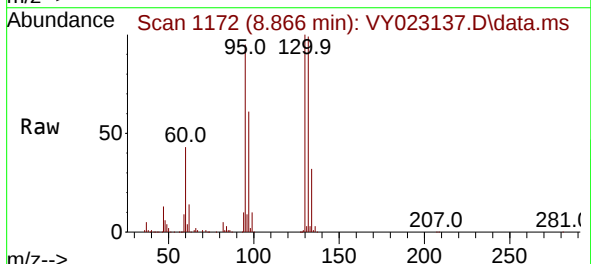
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

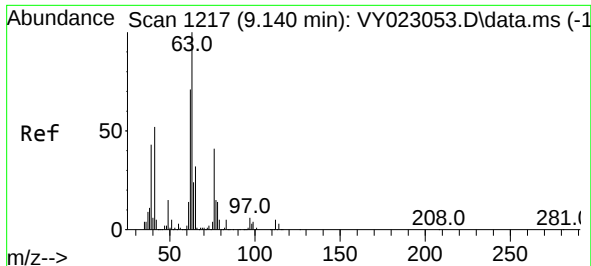
Tgt Ion: 43 Resp: 308955
Ion Ratio Lower Upper
43 100
61 32.2 16.4 24.6#
87 15.7 11.8 17.6



#44
Trichloroethene
Concen: 51.463 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion:130 Resp: 319381
Ion Ratio Lower Upper
130 100
95 95.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

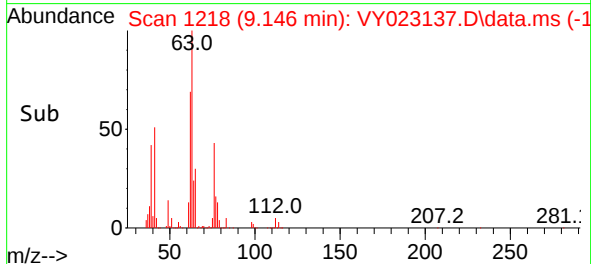
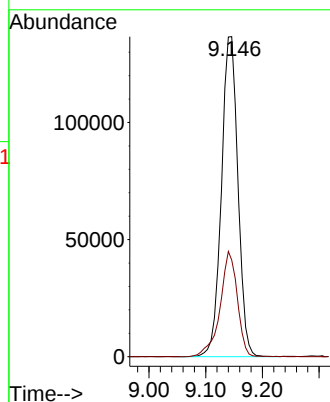
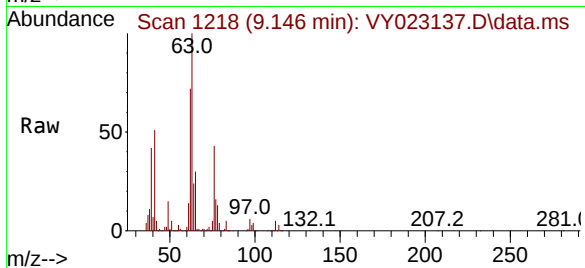
VSTDCCC050

Tgt Ion: 63 Resp: 276520

Ion Ratio Lower Upper

63 100

65 30.2 25.3 37.9



#46

Dibromomethane

Concen: 49.637 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

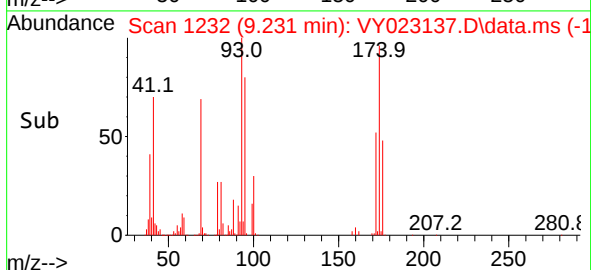
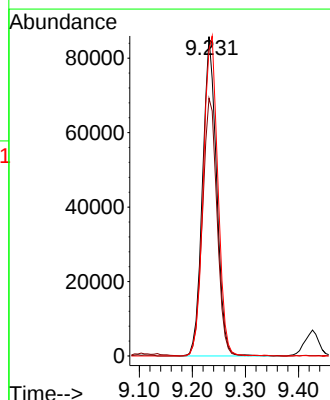
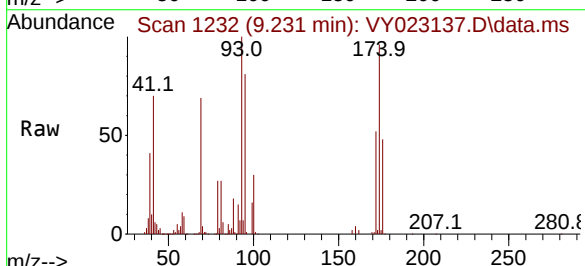
Tgt Ion: 93 Resp: 157422

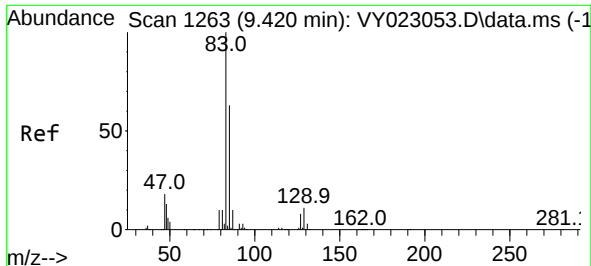
Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

174 103.7 81.8 122.8

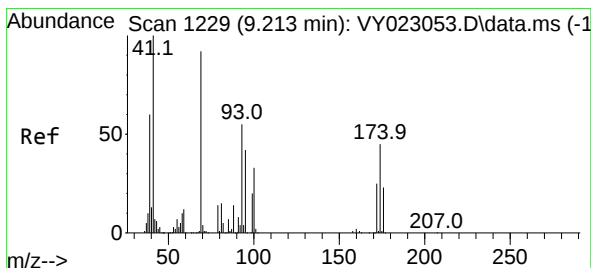
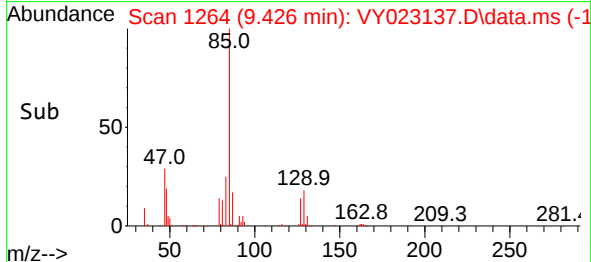
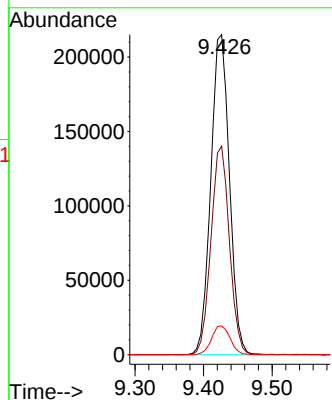
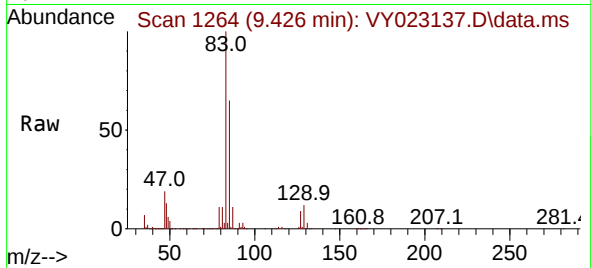




#47
Bromodichloromethane
Concen: 49.781 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

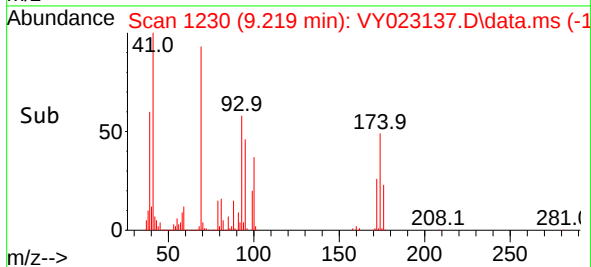
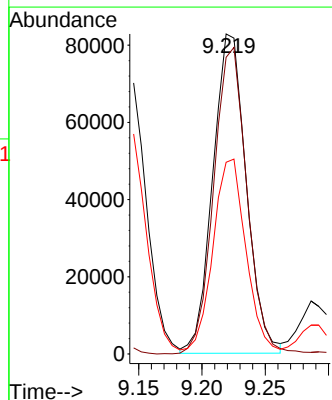
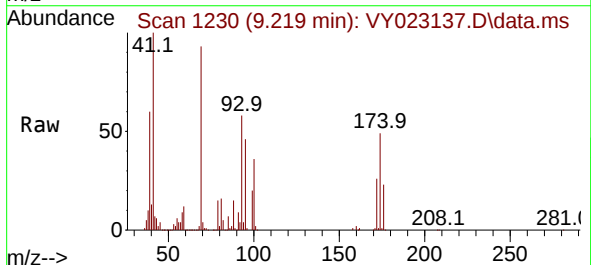
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 406246
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 48.023 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 41 Resp: 152020
Ion Ratio Lower Upper
41 100
69 95.3 73.2 109.8
39 58.1 47.0 70.4





#49

1,4-Dioxane

Concen: 934.713 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

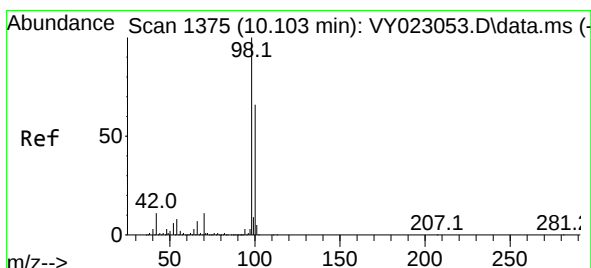
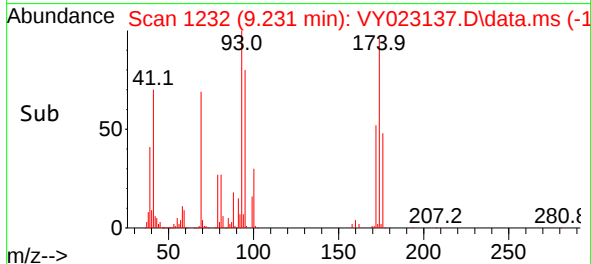
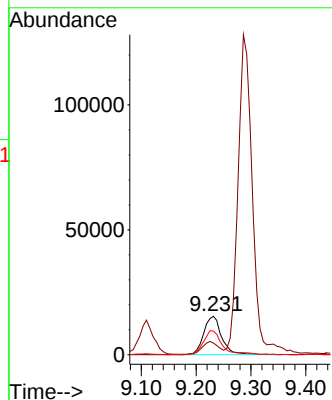
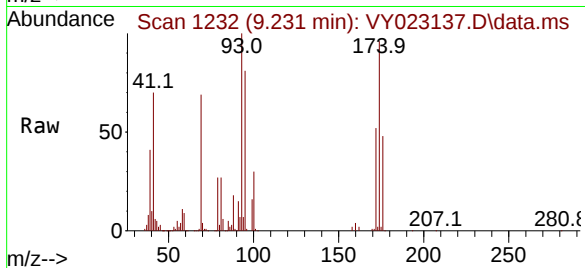
Tgt Ion: 88 Resp: 34759

Ion Ratio Lower Upper

88 100

43 30.0 24.3 36.5

58 65.6 55.4 83.0



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023137.D

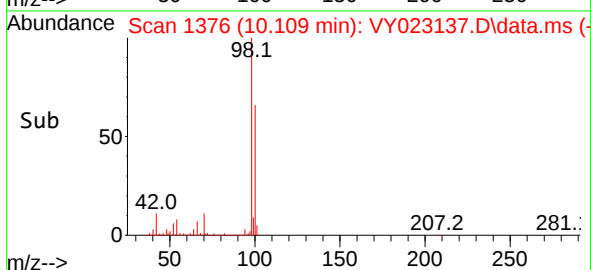
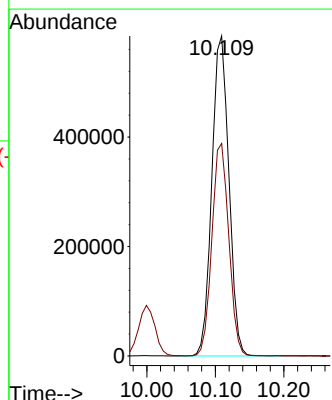
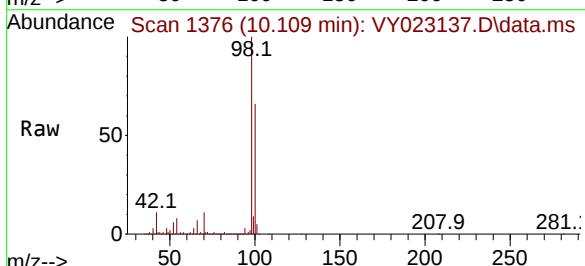
Acq: 19 Aug 2025 09:11

Tgt Ion: 98 Resp: 1008048

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 240.906 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

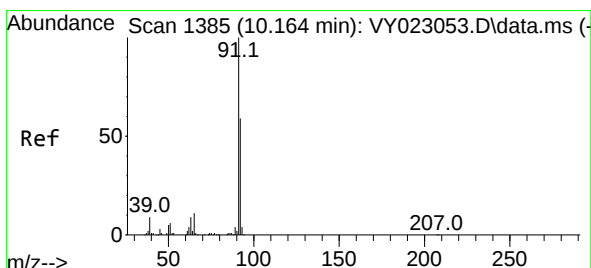
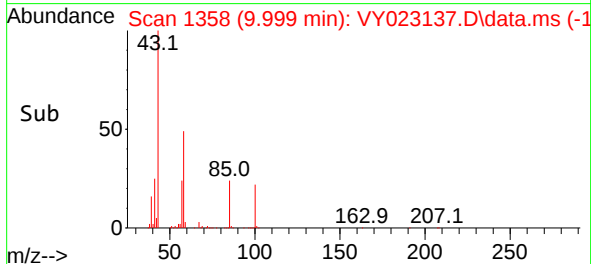
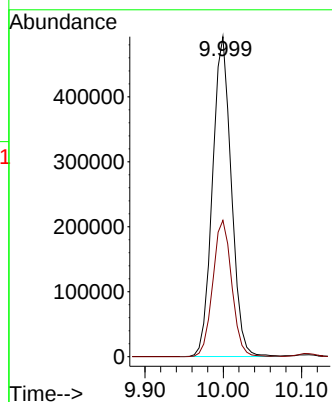
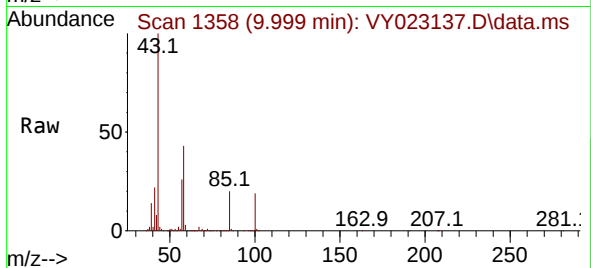
VSTDCCC050

Tgt Ion: 43 Resp: 822061

Ion Ratio Lower Upper

43 100

58 43.0 33.5 50.3



#52

Toluene

Concen: 51.669 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023137.D

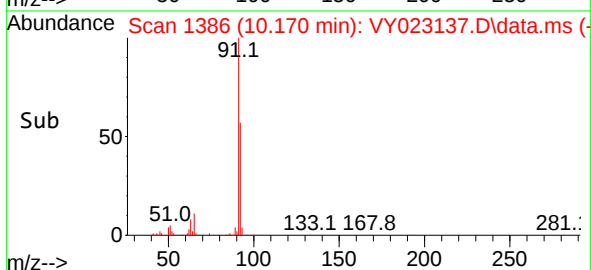
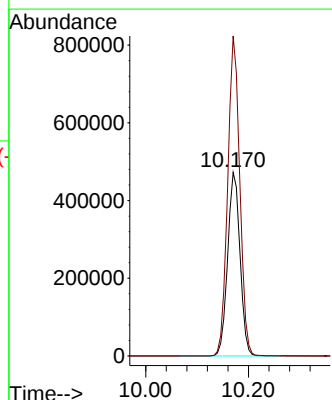
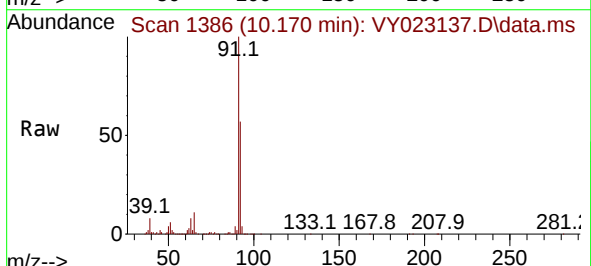
Acq: 19 Aug 2025 09:11

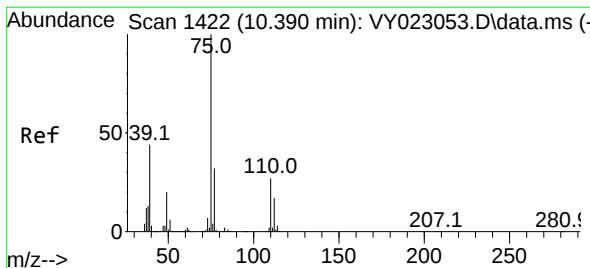
Tgt Ion: 92 Resp: 788070

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6

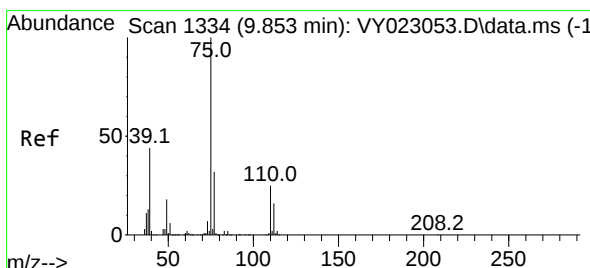
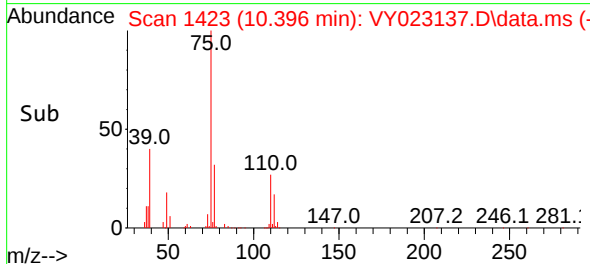
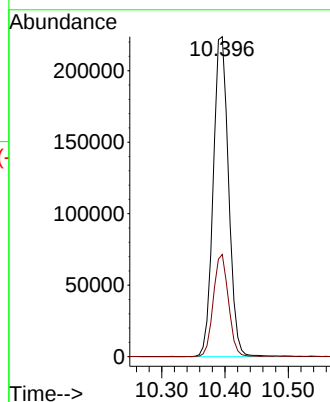
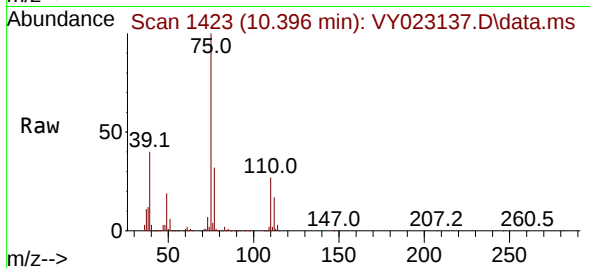




#53
t-1,3-Dichloropropene
Concen: 51.112 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

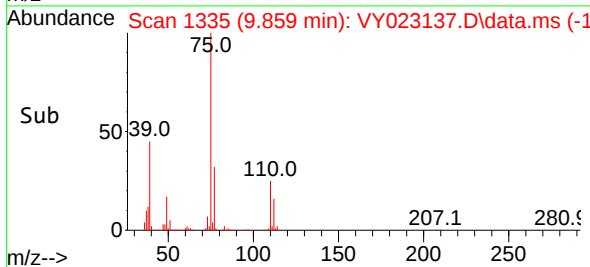
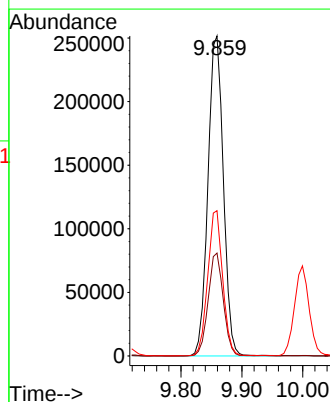
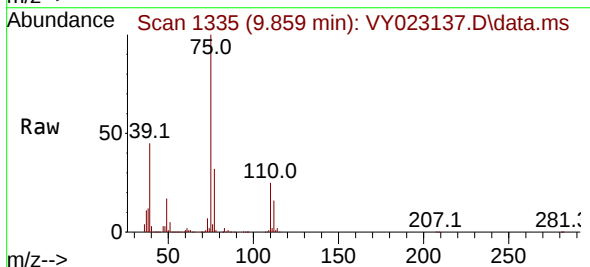
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

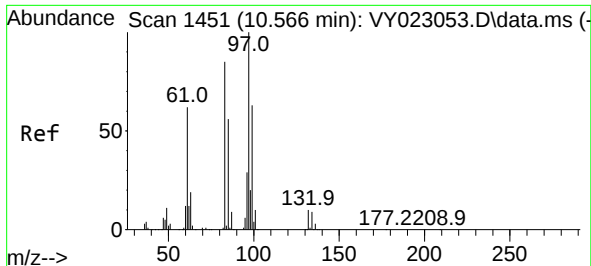
Tgt Ion: 75 Resp: 377708
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.516 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 75 Resp: 441435
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 45.3 35.6 53.4



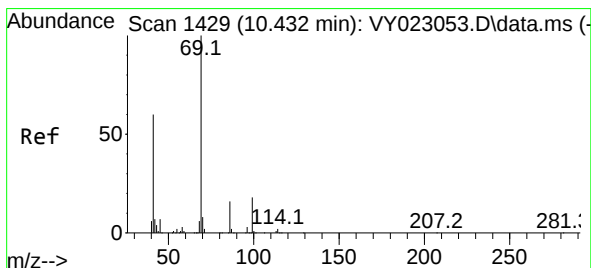
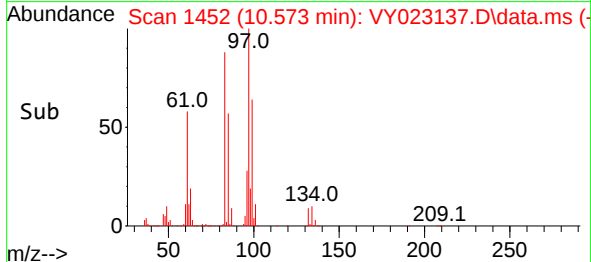
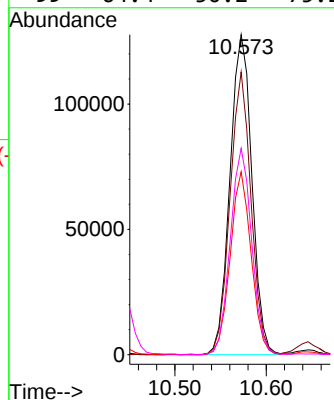
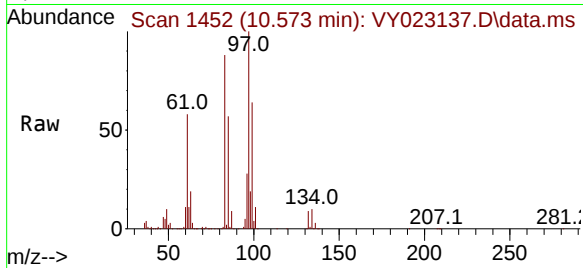


#55
1,1,2-Trichloroethane
Concen: 50.206 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 213063

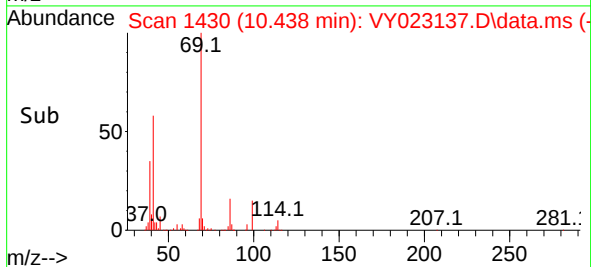
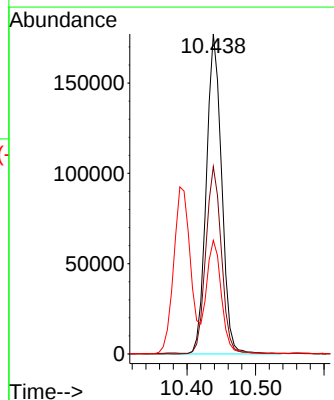
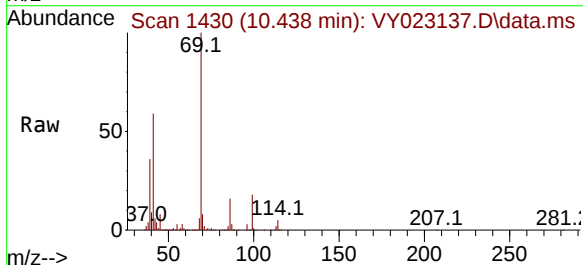
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.7	101.5
85	57.1	44.5	66.7
99	64.4	50.2	75.2

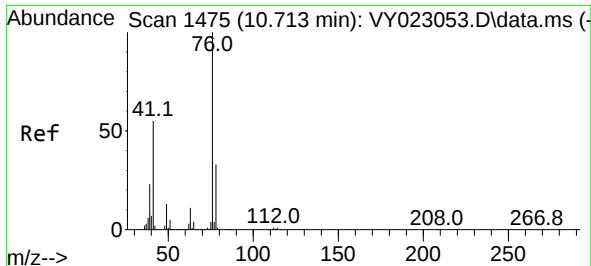


#56
Ethyl methacrylate
Concen: 50.859 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 69 Resp: 276182

Ion	Ratio	Lower	Upper
69	100		
41	59.0	48.6	72.8
39	33.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.273 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

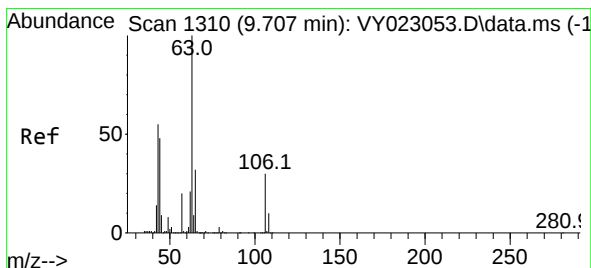
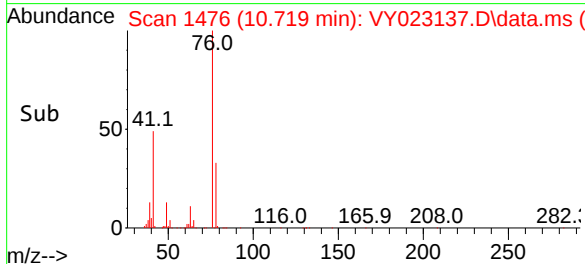
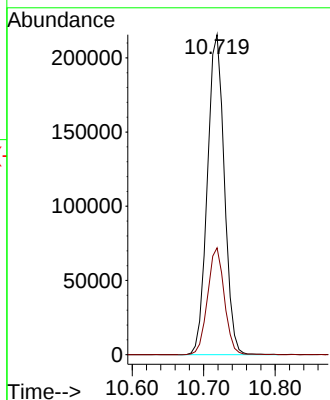
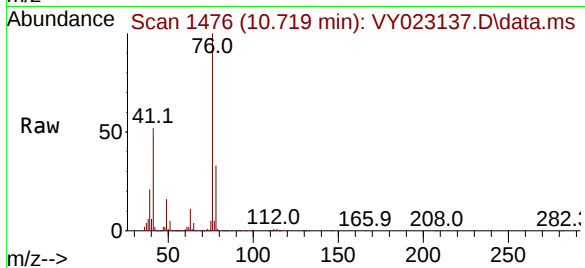
VSTDCCC050

Tgt Ion: 76 Resp: 354628

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 242.835 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023137.D

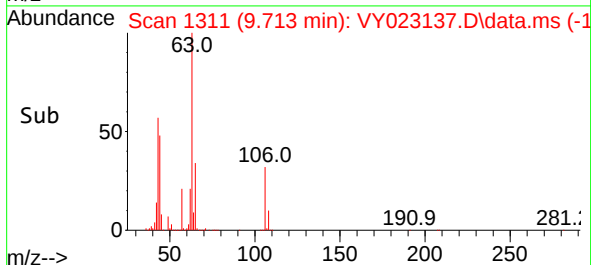
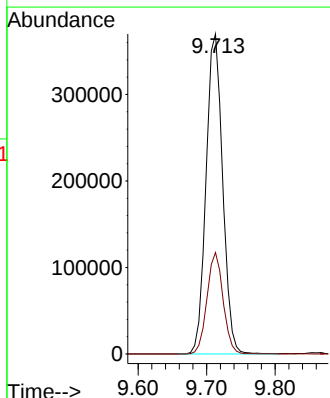
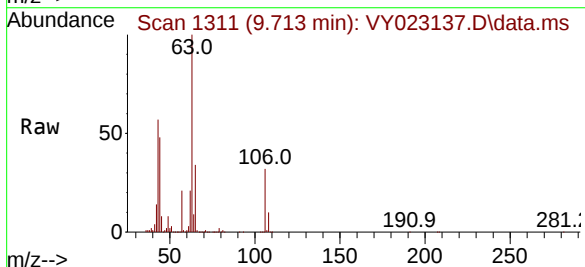
Acq: 19 Aug 2025 09:11

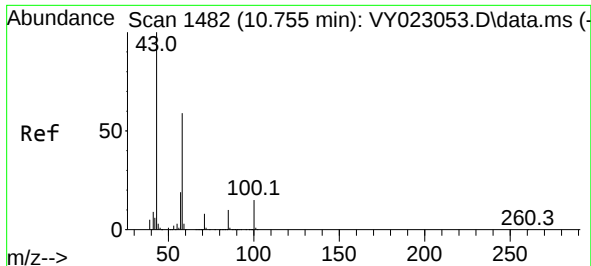
Tgt Ion: 63 Resp: 622022

Ion Ratio Lower Upper

63 100

106 30.8 23.2 34.8

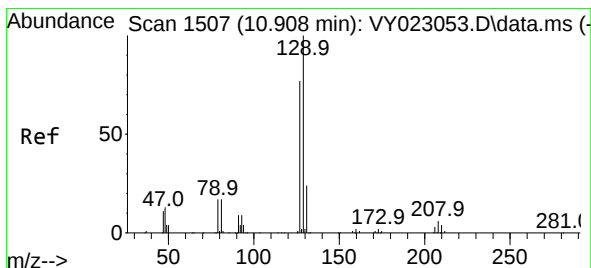
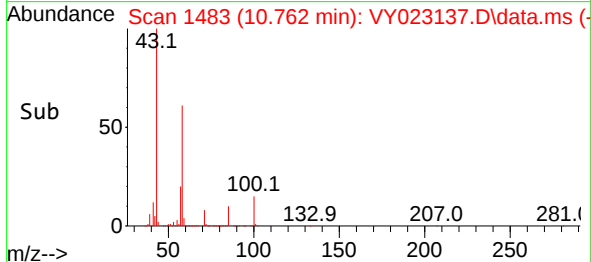
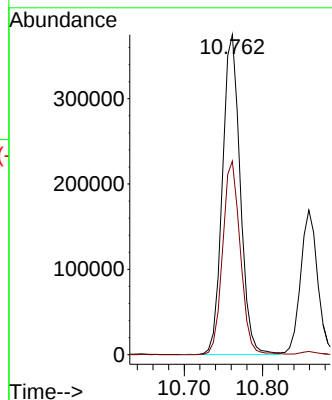
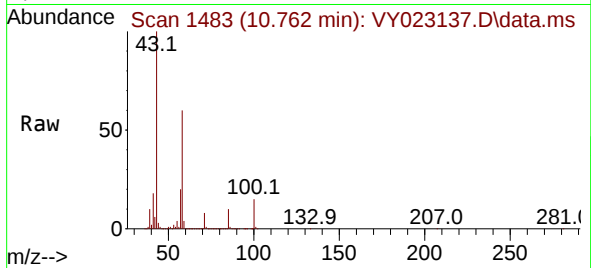




#59
2-Hexanone
Concen: 254.865 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

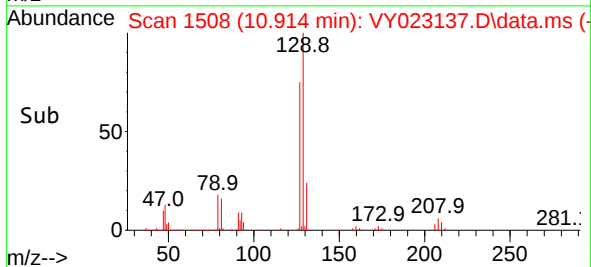
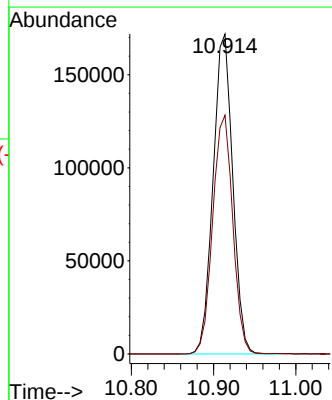
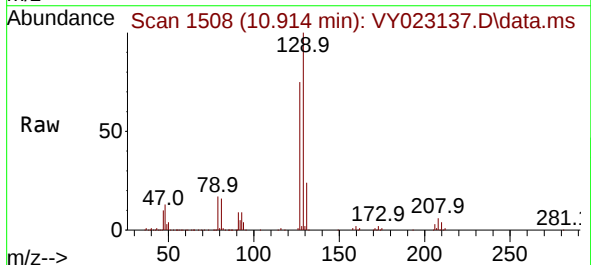
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

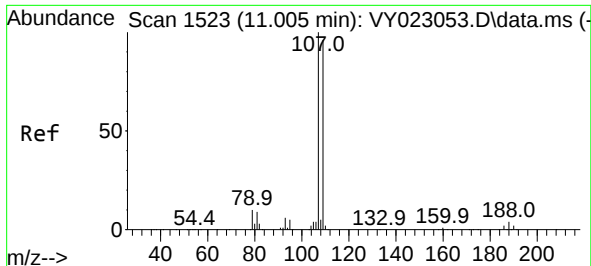
Tgt Ion: 43 Resp: 592202
Ion Ratio Lower Upper
43 100
58 60.2 29.5 88.5



#60
Dibromochloromethane
Concen: 50.963 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 129 Resp: 285374
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

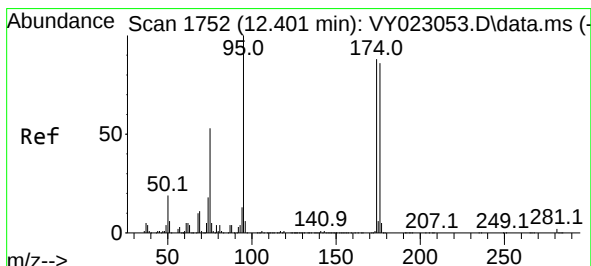
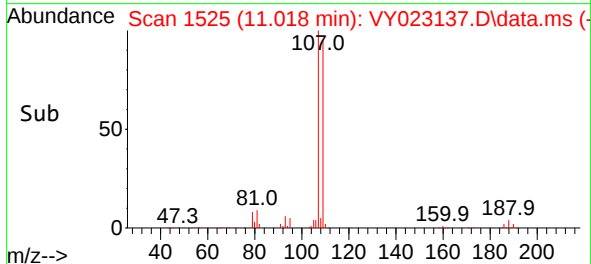
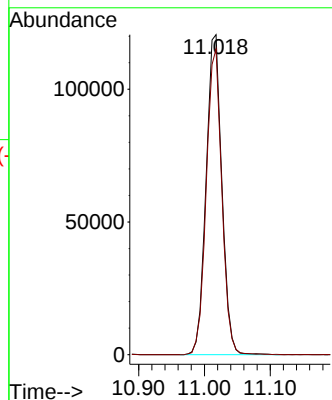
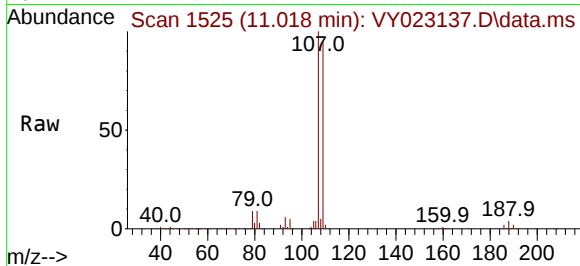




#61
1,2-Dibromoethane
Concen: 50.411 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

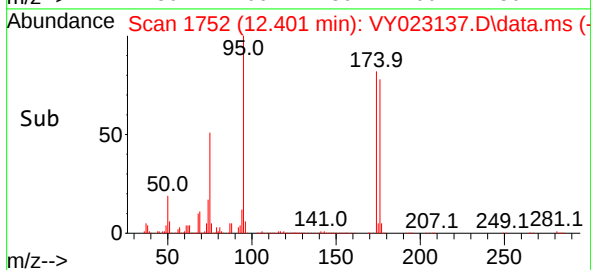
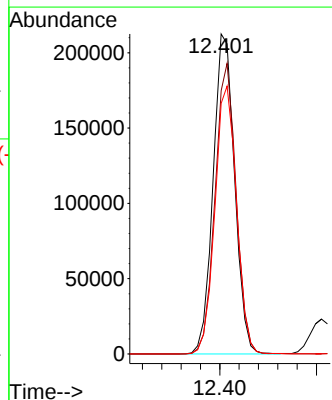
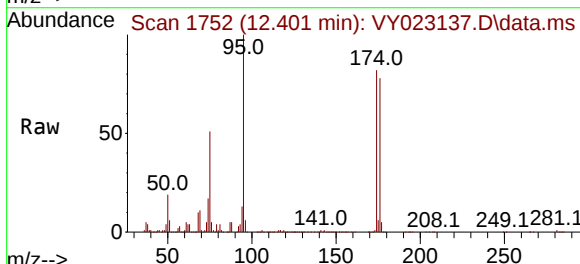
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

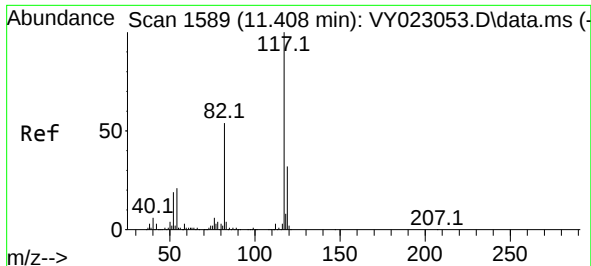
Tgt Ion:107 Resp: 201073
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.618 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 95 Resp: 326827
Ion Ratio Lower Upper
95 100
174 89.2 0.0 171.6
176 84.4 0.0 167.6

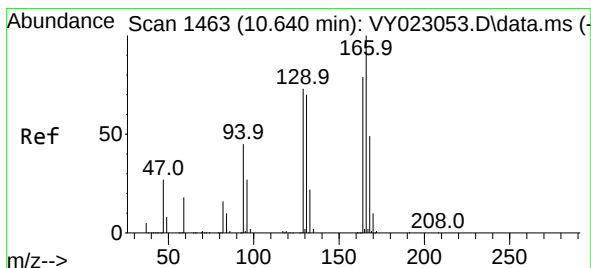
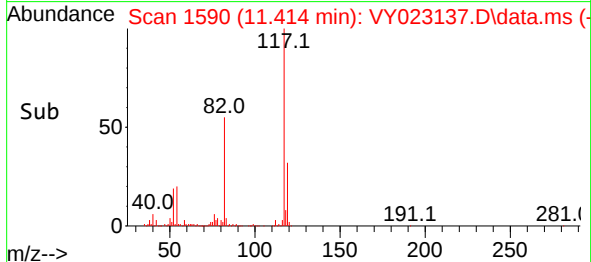
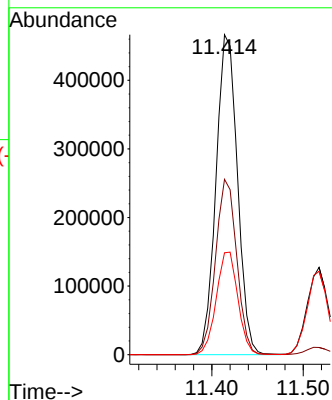
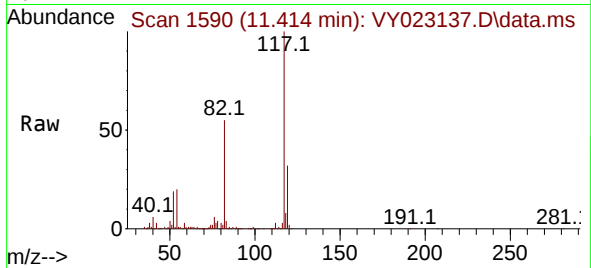




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

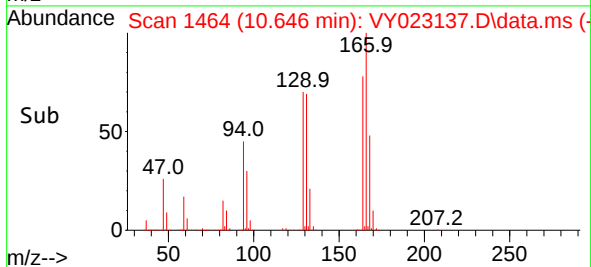
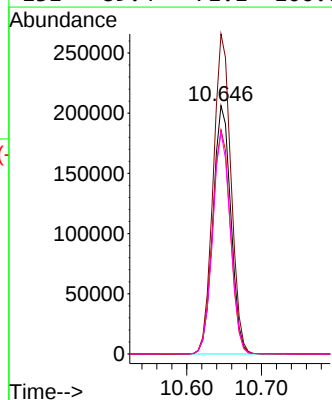
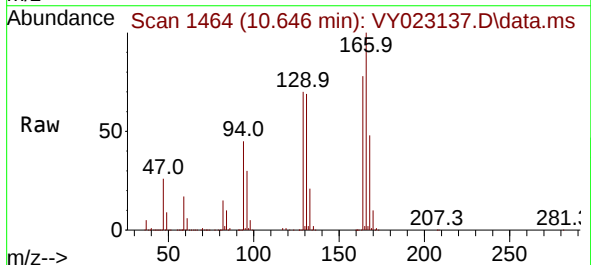
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

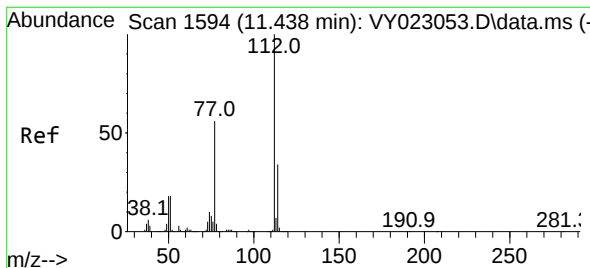
Tgt Ion:117 Resp: 761785
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 50.340 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion:164 Resp: 342427
Ion Ratio Lower Upper
164 100
166 128.9 101.1 151.7
129 90.3 74.0 111.0
131 89.4 71.1 106.7





#65

Chlorobenzene

Concen: 52.238 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

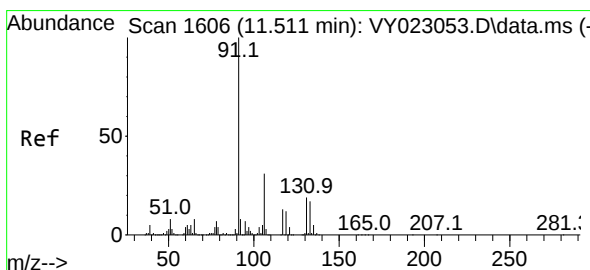
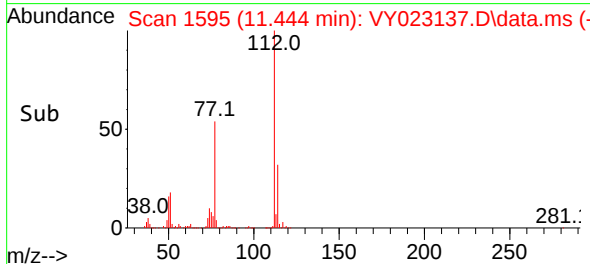
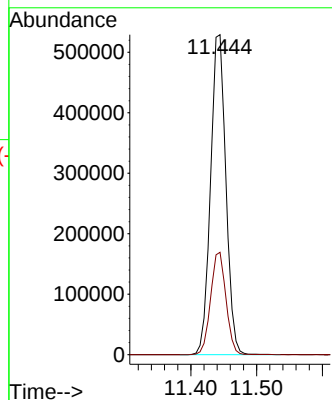
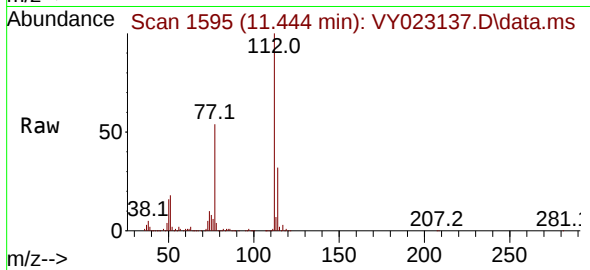
VSTDCCC050

Tgt Ion:112 Resp: 858367

Ion Ratio Lower Upper

112 100

114 32.0 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.900 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

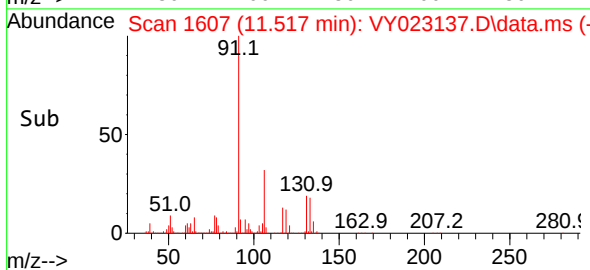
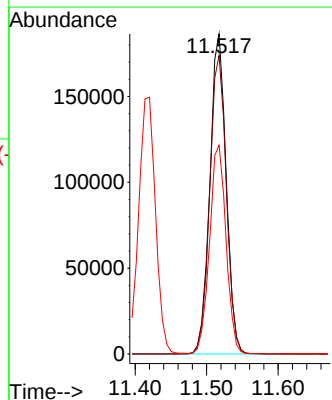
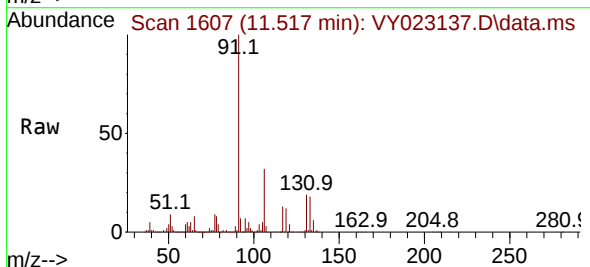
Tgt Ion:131 Resp: 295011

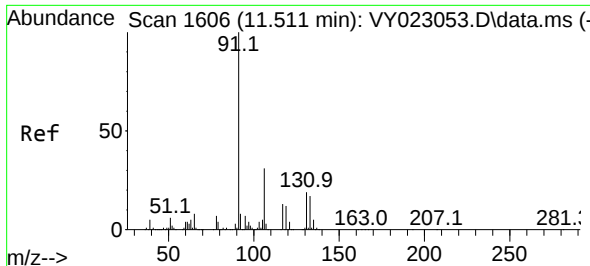
Ion Ratio Lower Upper

131 100

133 94.9 46.9 140.6

119 66.2 33.2 99.6





#67

Ethyl Benzene

Concen: 52.850 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

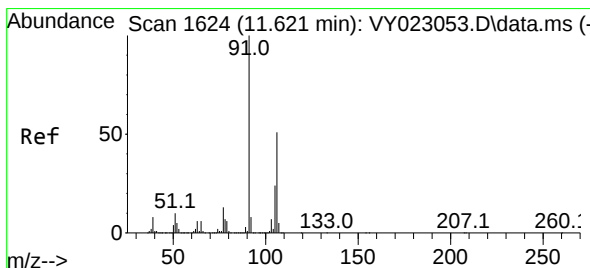
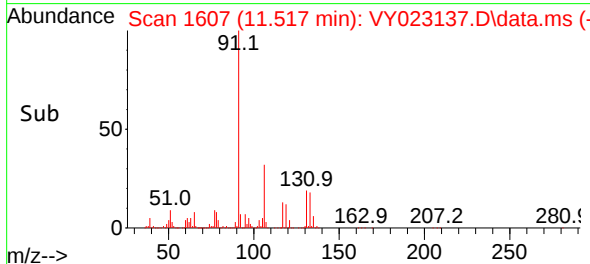
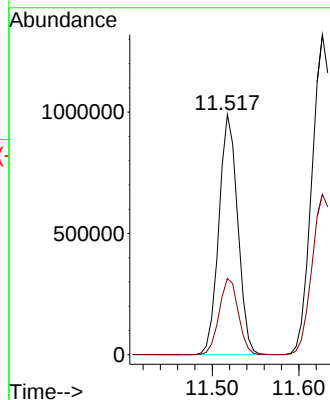
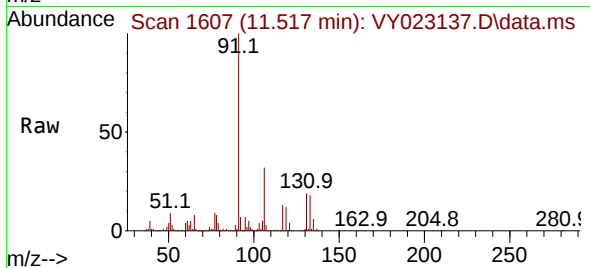
VSTDCCC050

Tgt Ion: 91 Resp: 1494465

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 107.397 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023137.D

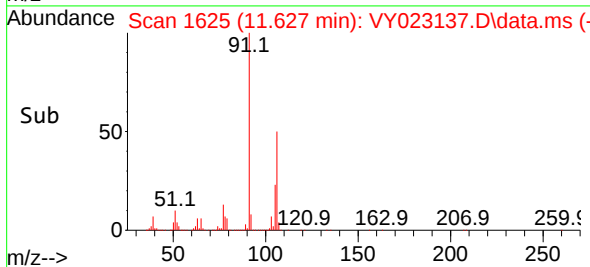
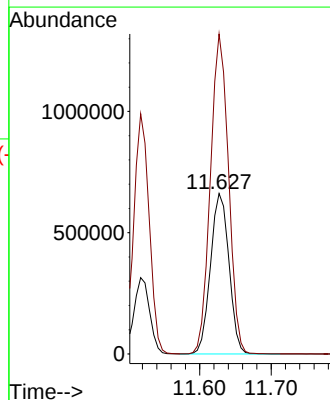
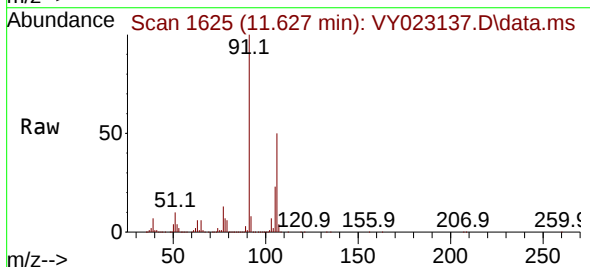
Acq: 19 Aug 2025 09:11

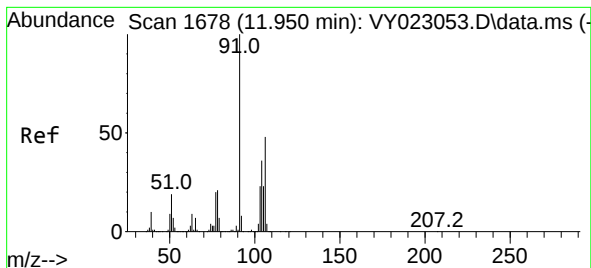
Tgt Ion:106 Resp: 1186104

Ion Ratio Lower Upper

106 100

91 195.6 158.6 238.0

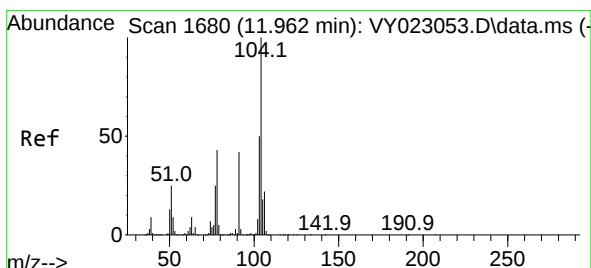
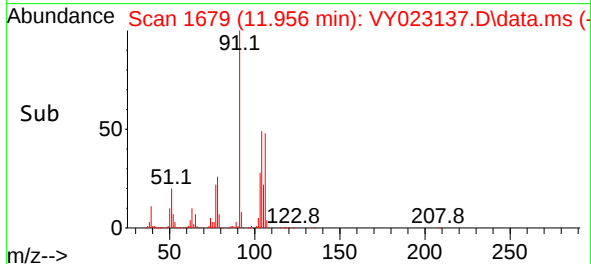
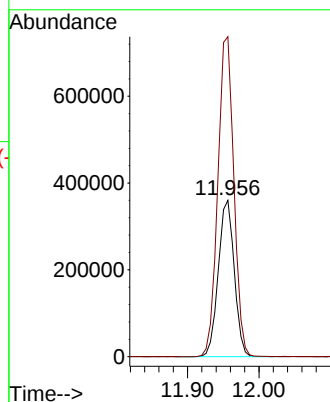
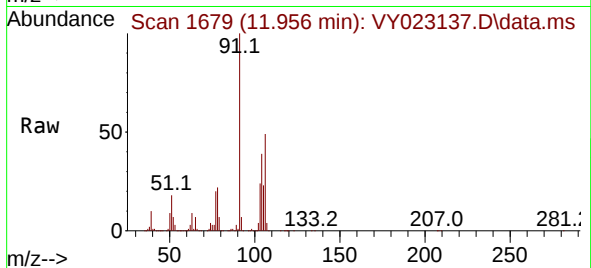




#69
o-Xylene
Concen: 53.940 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

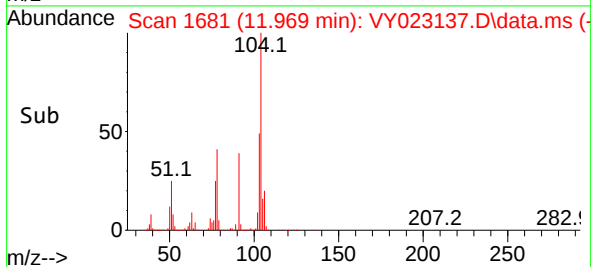
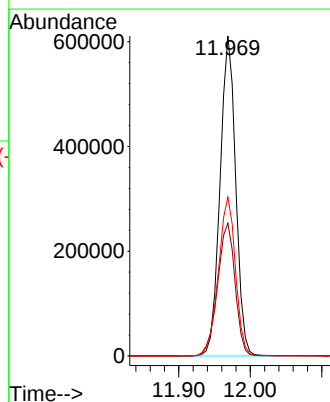
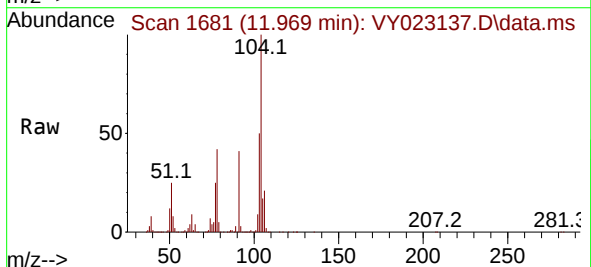
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

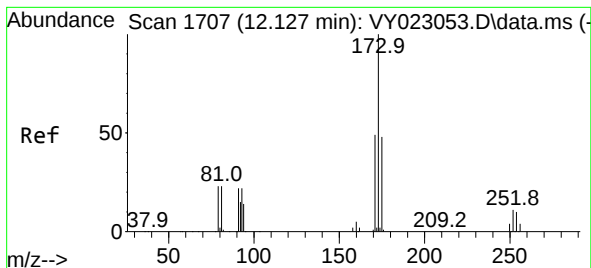
Tgt Ion:106 Resp: 557951
Ion Ratio Lower Upper
106 100
91 205.8 103.2 309.4



#70
Styrene
Concen: 55.007 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion:104 Resp: 930498
Ion Ratio Lower Upper
104 100
78 46.3 38.5 57.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 51.022 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

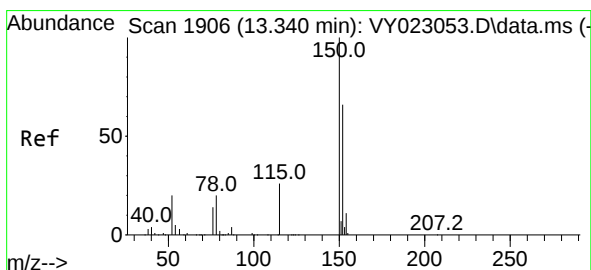
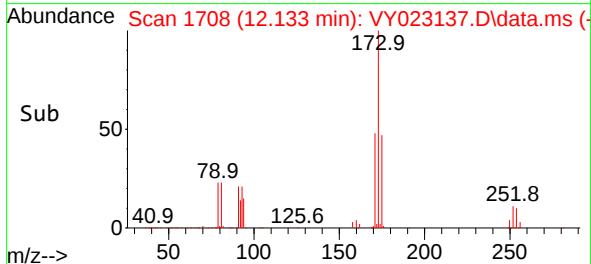
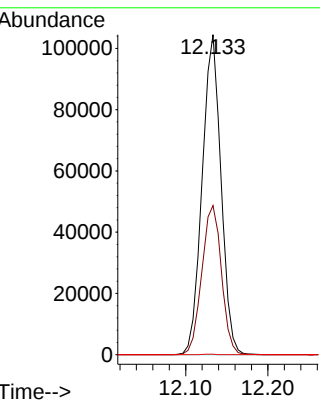
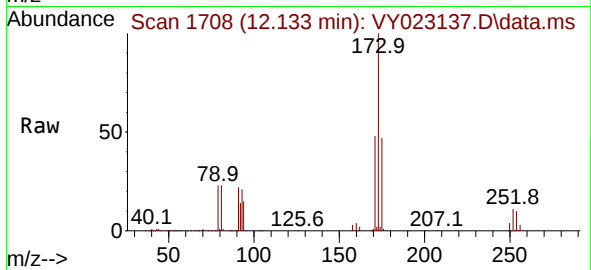
Tgt Ion:173 Resp: 166298

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

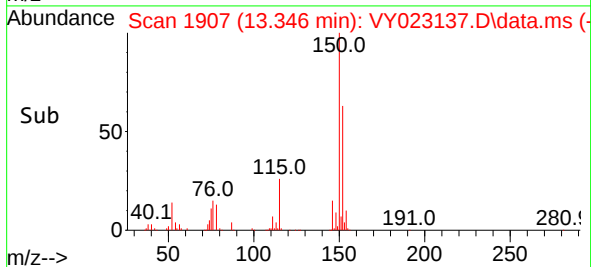
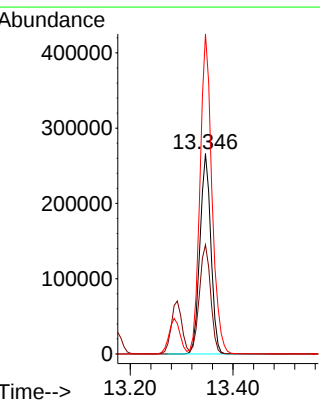
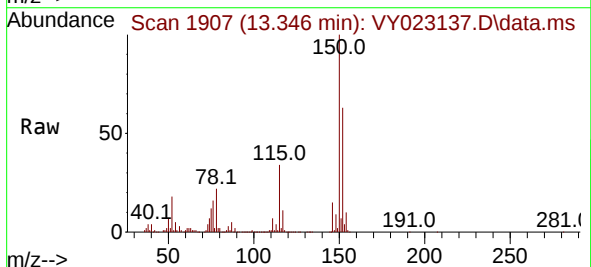
Tgt Ion:152 Resp: 392533

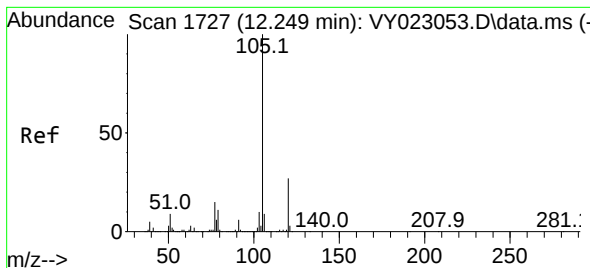
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.6

150 173.7 0.0 348.0





#73

Isopropylbenzene

Concen: 52.528 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

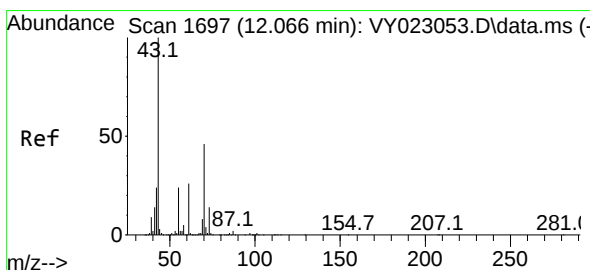
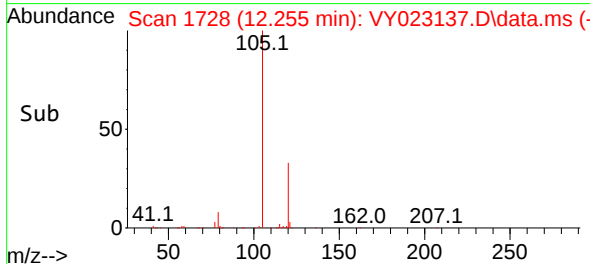
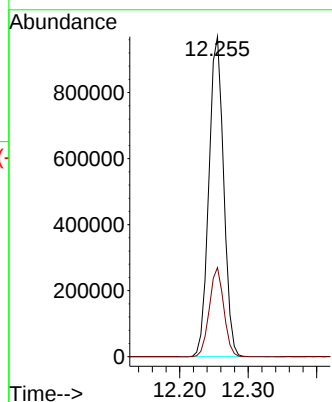
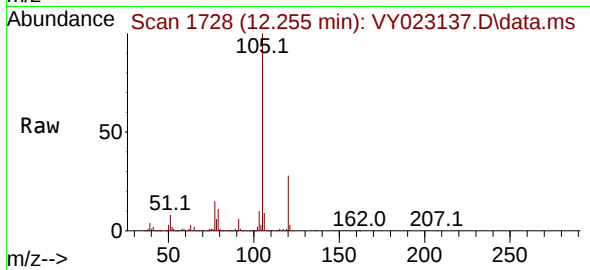
VSTDCCC050

Tgt Ion:105 Resp: 1455261

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-amy1 acetate

Concen: 48.584 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Tgt Ion: 43 Resp: 285441

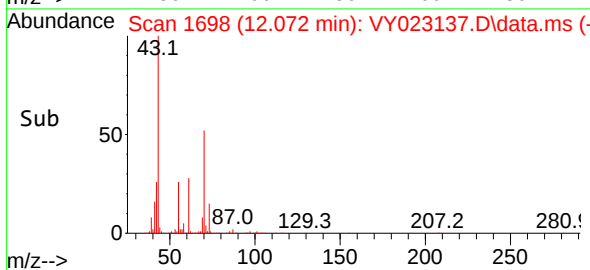
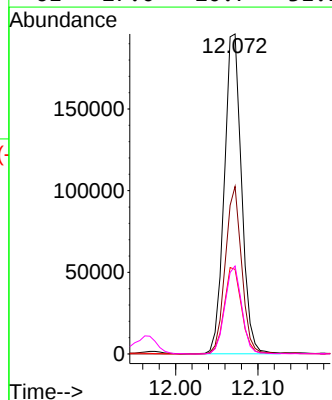
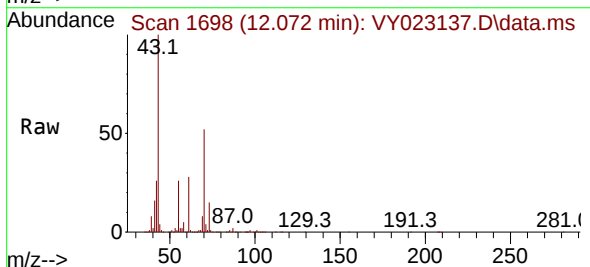
Ion Ratio Lower Upper

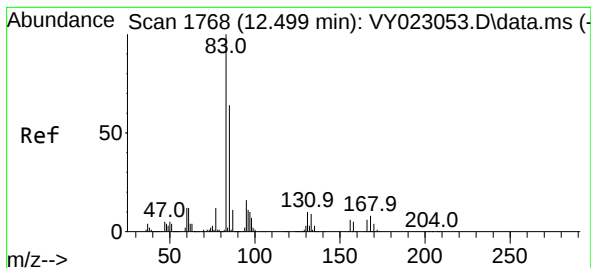
43 100

70 49.8 37.5 56.3

55 27.3 20.7 31.1

61 27.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.639 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

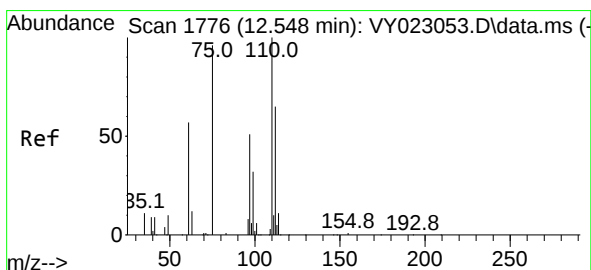
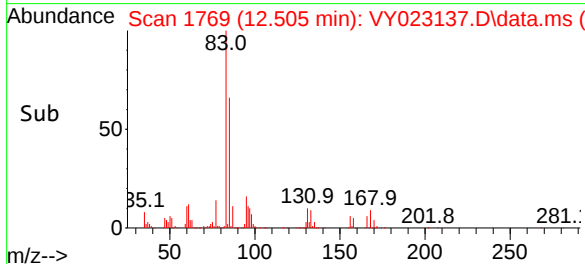
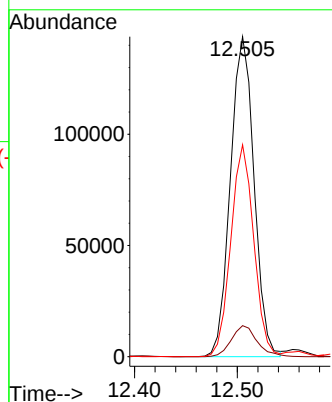
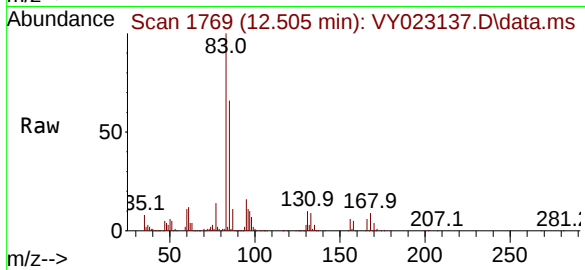
Tgt Ion: 83 Resp: 230085

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 81.222 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023137.D

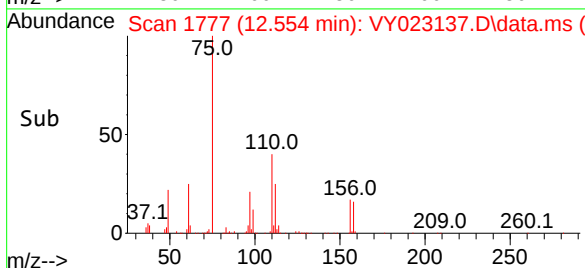
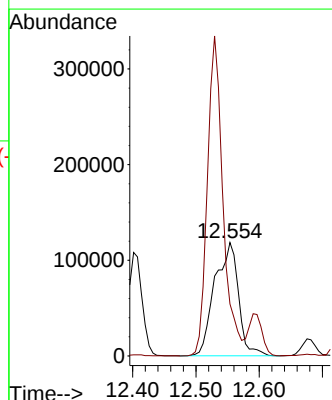
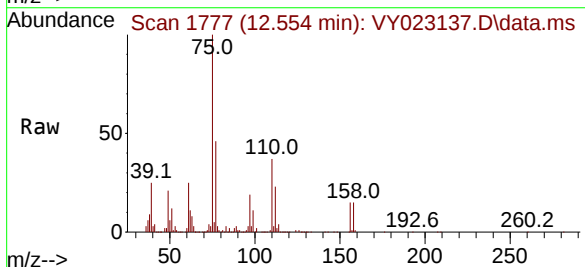
Acq: 19 Aug 2025 09:11

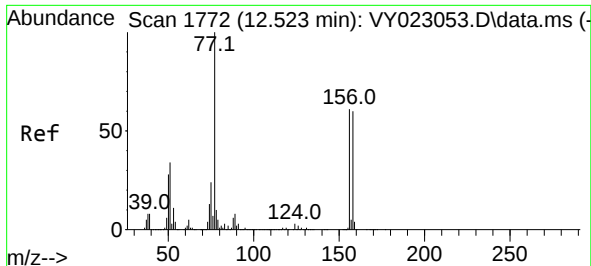
Tgt Ion: 75 Resp: 307699

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

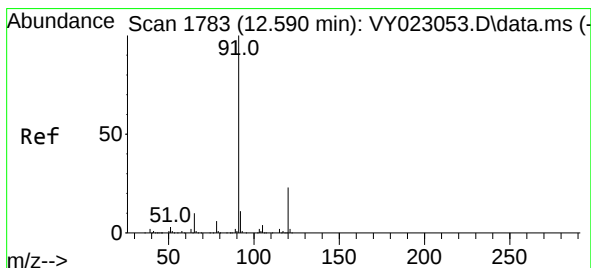
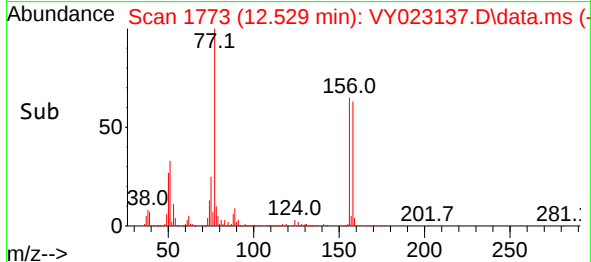
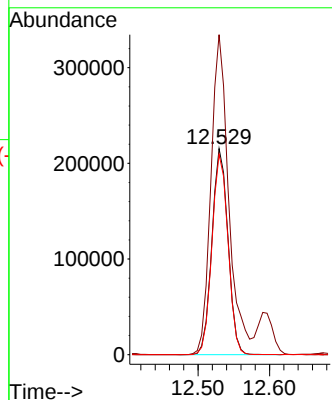
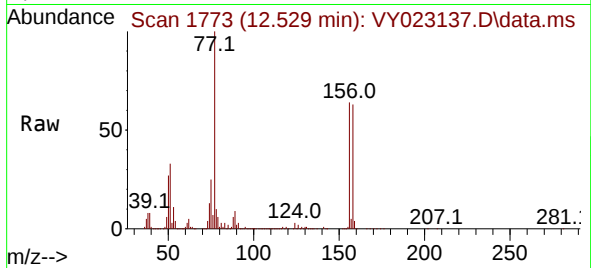




#77
Bromobenzene
Concen: 50.968 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

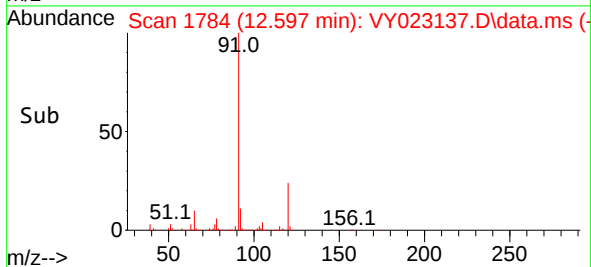
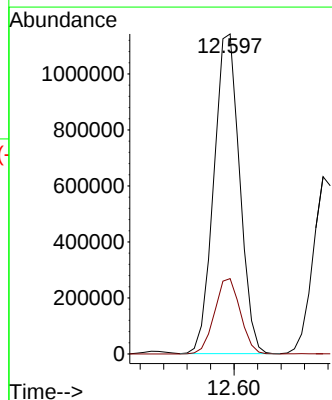
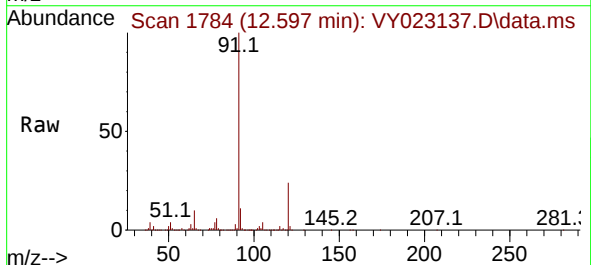
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

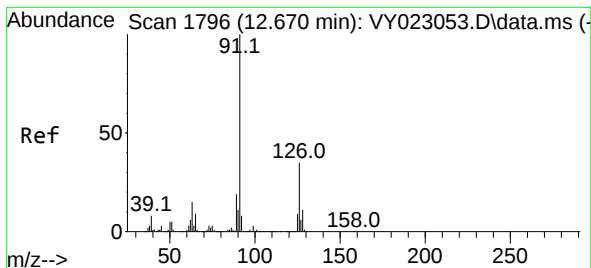
Tgt Ion:156 Resp: 336874
Ion Ratio Lower Upper
156 100
77 170.5 88.1 264.4
158 97.2 48.0 144.0



#78
n-propylbenzene
Concen: 52.806 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 91 Resp: 1741756
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





#79

2-Chlorotoluene

Concen: 51.594 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

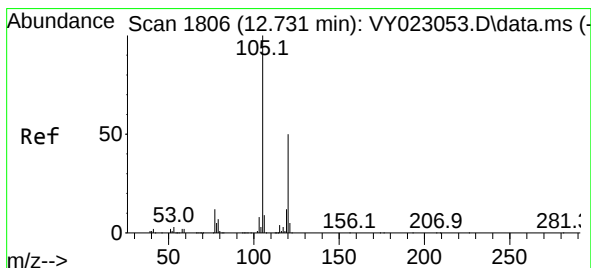
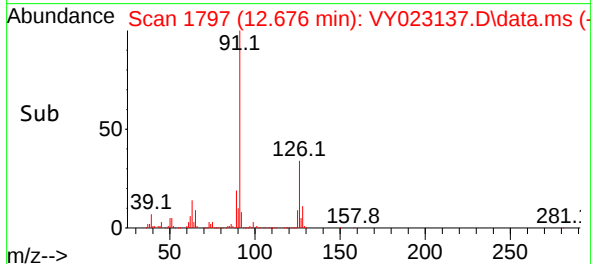
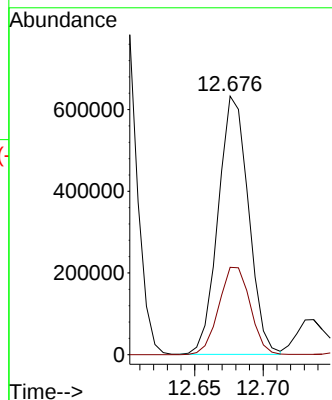
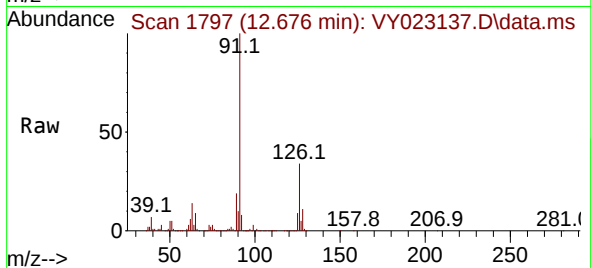
VSTDCCC050

Tgt Ion: 91 Resp: 975057

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 53.229 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023137.D

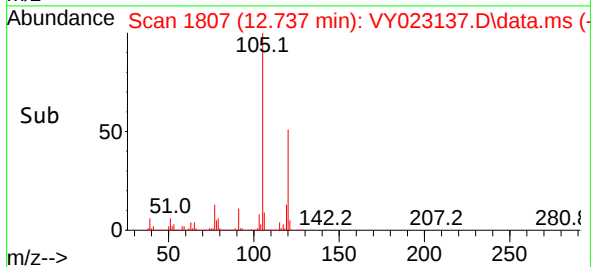
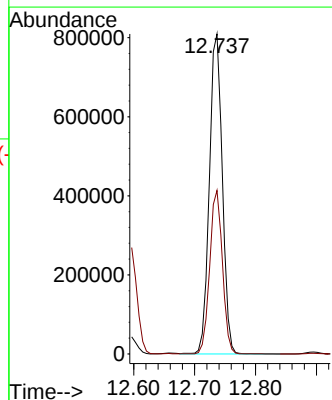
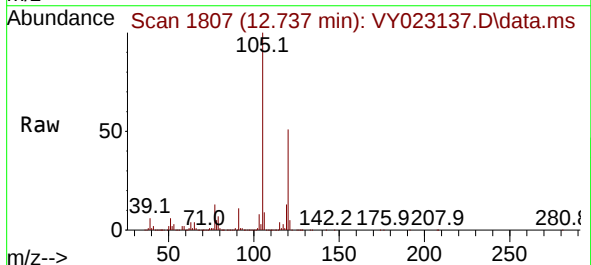
Acq: 19 Aug 2025 09:11

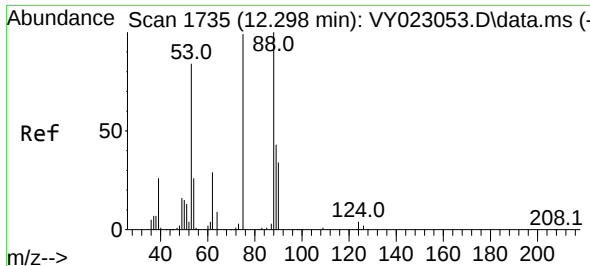
Tgt Ion:105 Resp: 1191826

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4

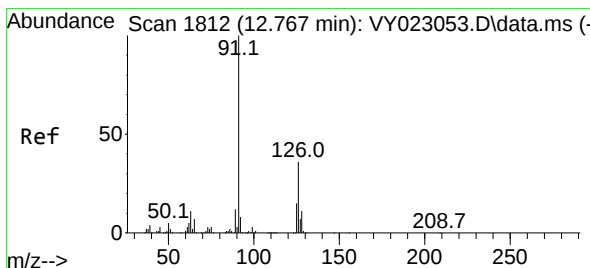
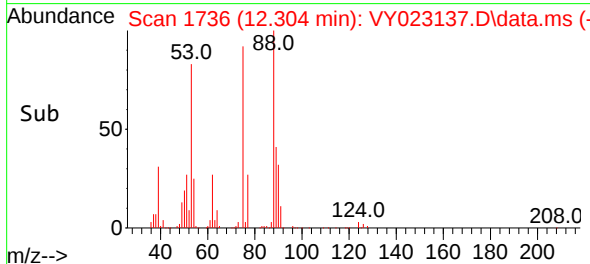
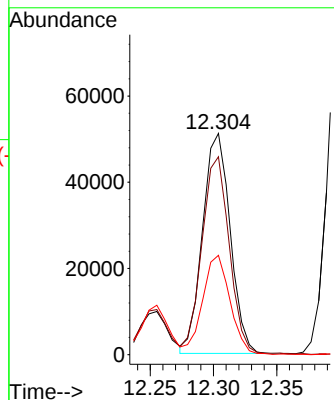
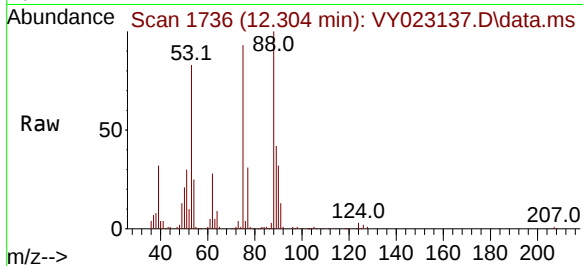




#81
trans-1,4-Dichloro-2-butene
Concen: 49.570 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

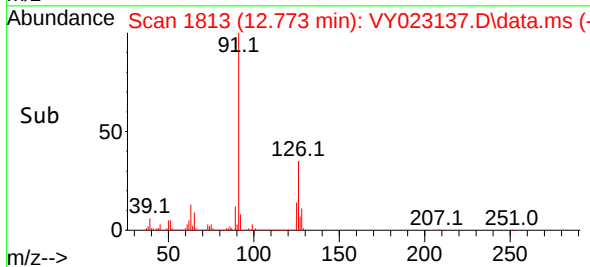
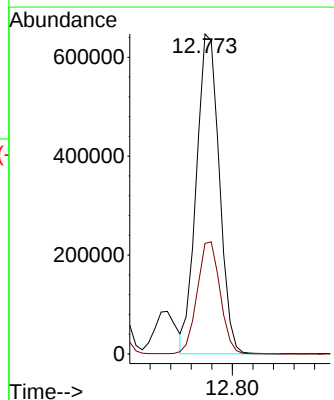
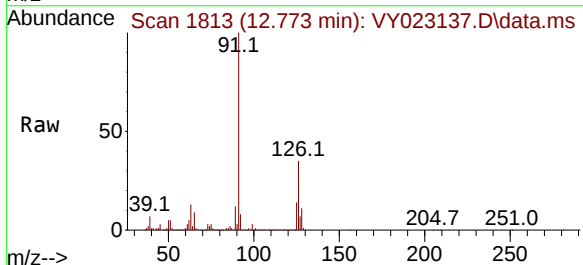
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

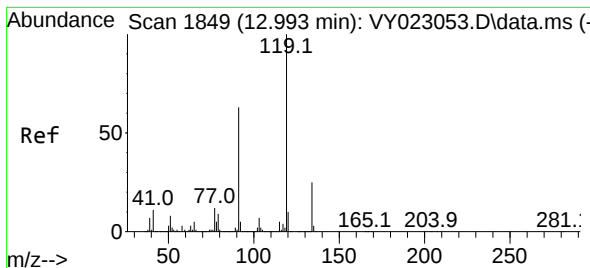
Tgt Ion: 75 Resp: 77577
Ion Ratio Lower Upper
75 100
53 89.8 70.8 106.2
89 45.4 38.1 57.1



#82
4-Chlorotoluene
Concen: 51.036 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 91 Resp: 1000547
Ion Ratio Lower Upper
91 100
126 35.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 53.956 ug/l

RT: 12.993 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

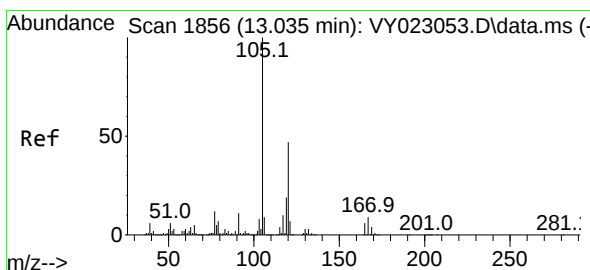
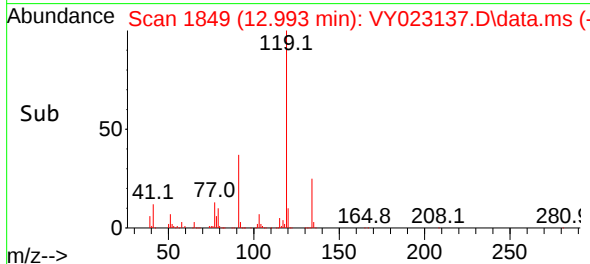
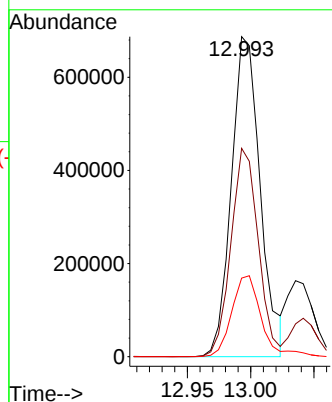
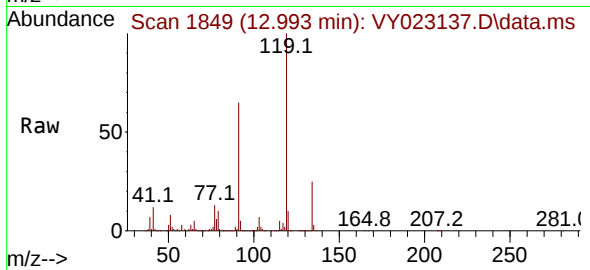
Tgt Ion:119 Resp: 1091125

Ion Ratio Lower Upper

119 100

91 61.6 31.6 94.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.459 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023137.D

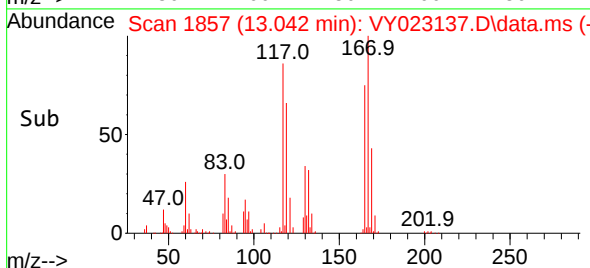
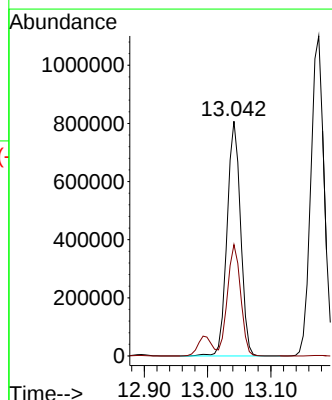
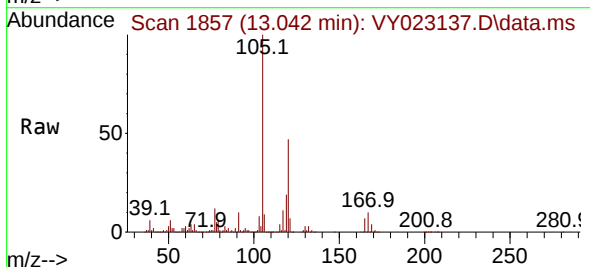
Acq: 19 Aug 2025 09:11

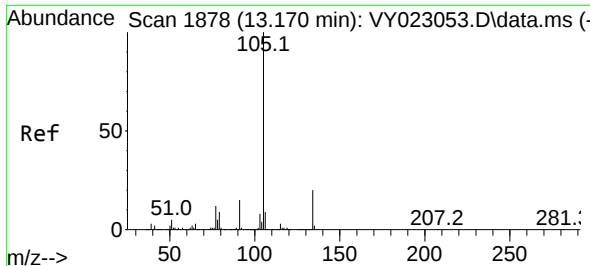
Tgt Ion:105 Resp: 1191535

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0

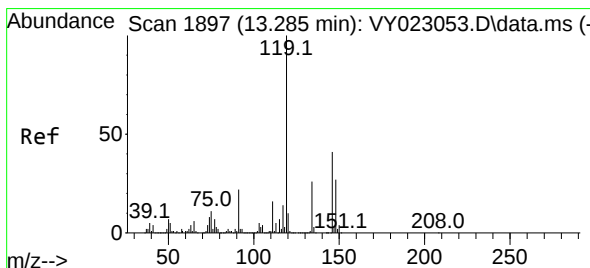
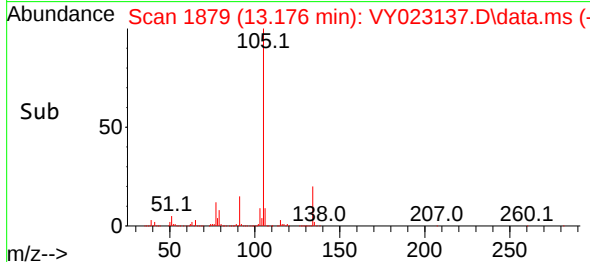
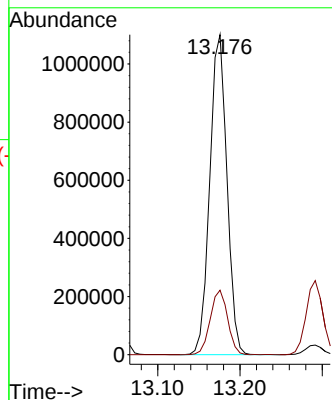
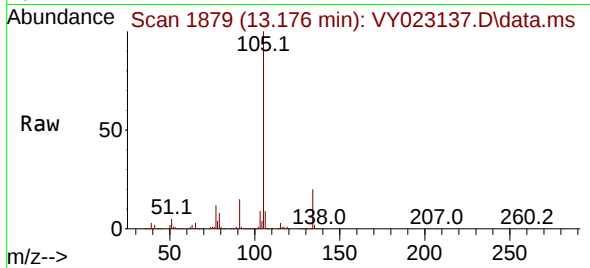




#85
 sec-Butylbenzene
 Concen: 53.673 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

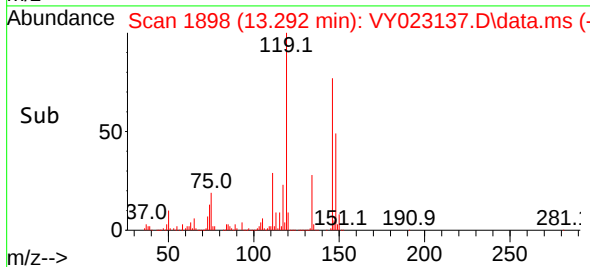
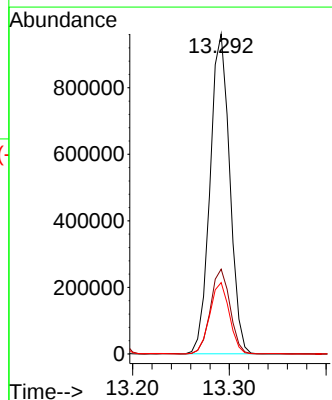
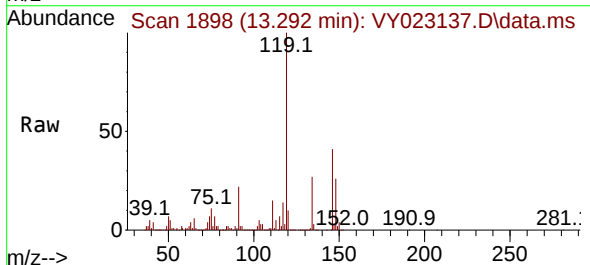
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

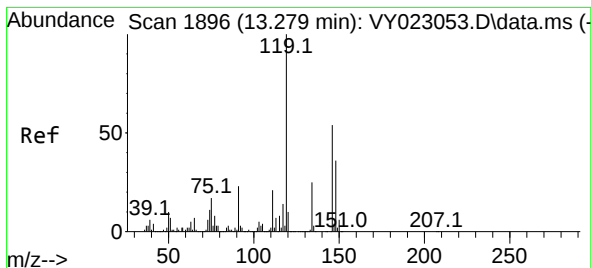
Tgt Ion:105 Resp: 1594423
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 55.063 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023137.D
 Acq: 19 Aug 2025 09:11

Tgt Ion:119 Resp: 1357746
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 52.231 ug/l

RT: 13.285 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

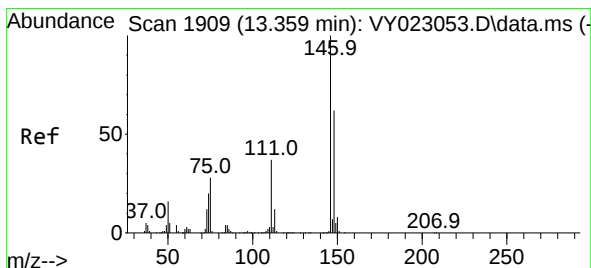
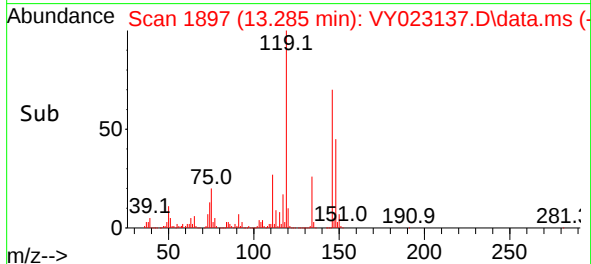
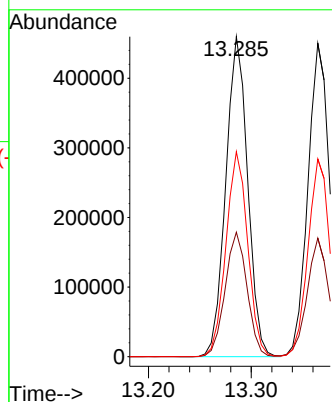
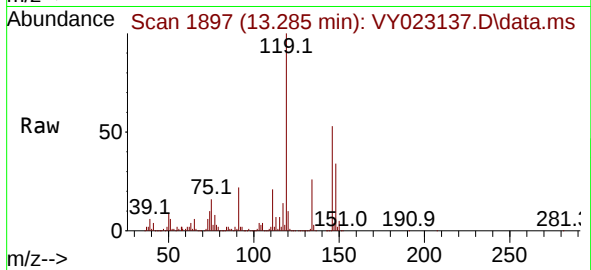
Tgt Ion:146 Resp: 680781

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 51.281 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

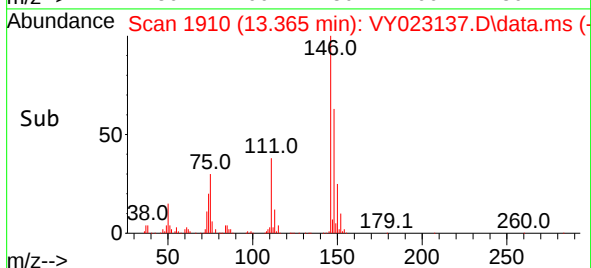
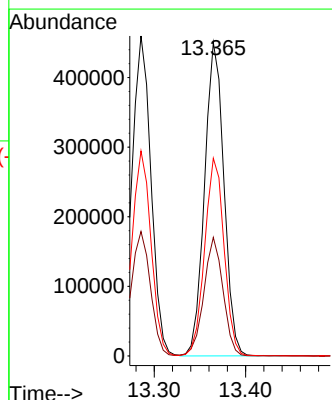
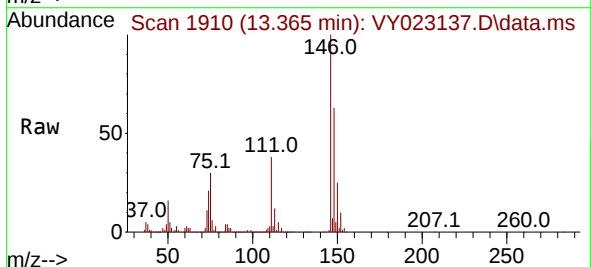
Tgt Ion:146 Resp: 663039

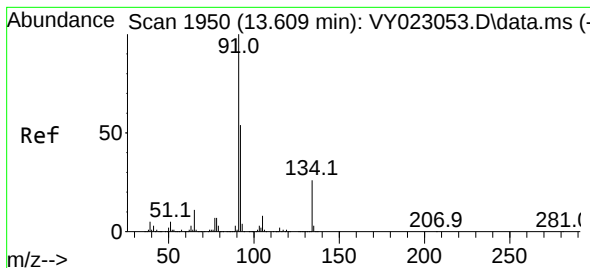
Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.1

148 63.4 31.6 94.7





#89

n-Butylbenzene

Concen: 54.384 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

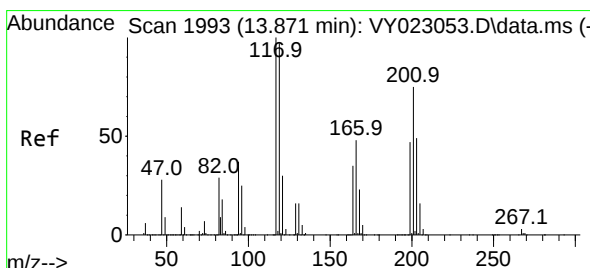
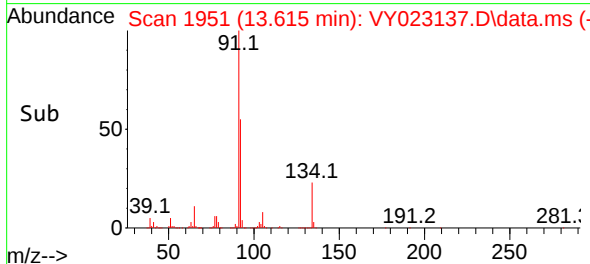
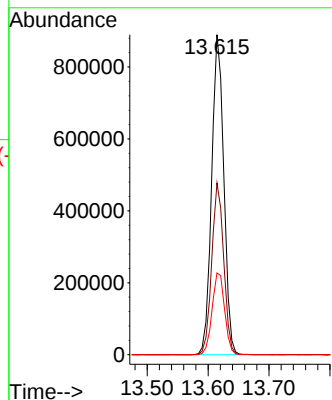
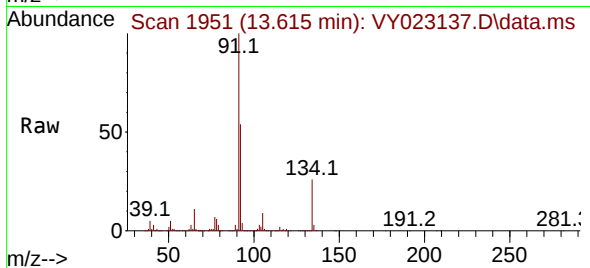
Tgt Ion: 91 Resp: 1231645

Ion Ratio Lower Upper

91 100

92 53.0 26.9 80.7

134 26.4 13.2 39.5



#90

Hexachloroethane

Concen: 52.354 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023137.D

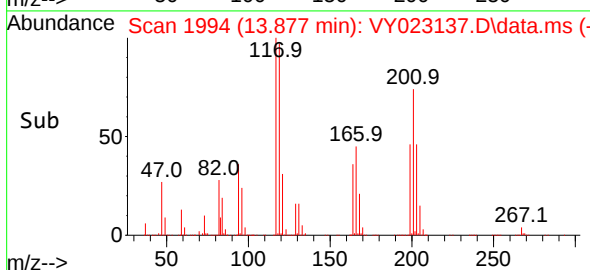
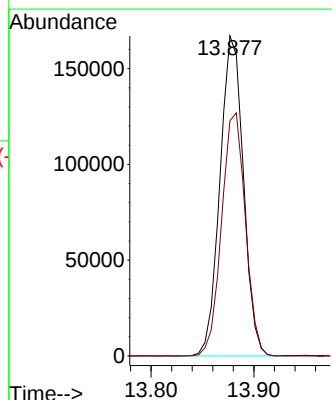
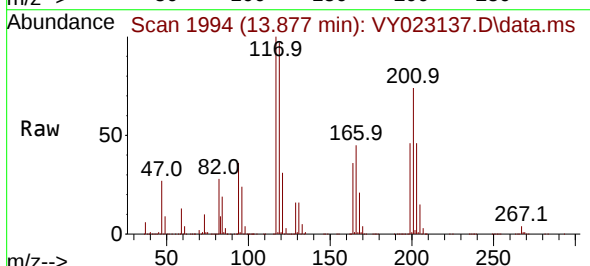
Acq: 19 Aug 2025 09:11

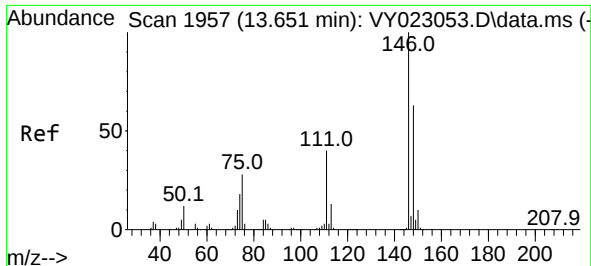
Tgt Ion: 117 Resp: 264268

Ion Ratio Lower Upper

117 100

201 77.1 38.4 115.1

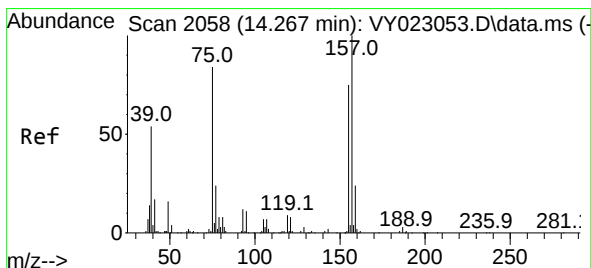
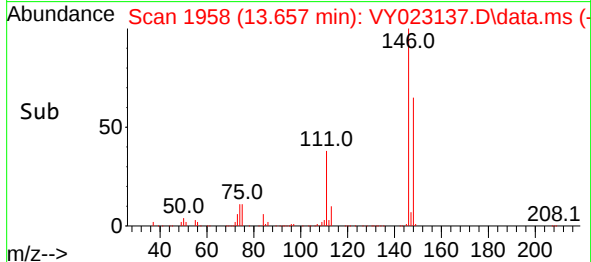
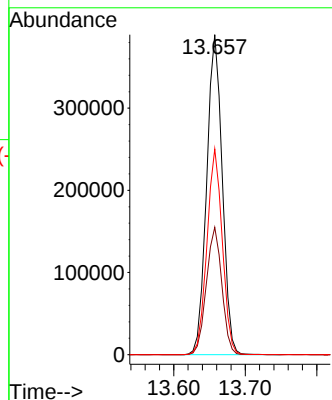
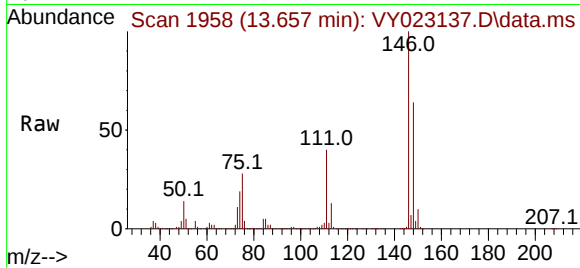




#91
1,2-Dichlorobenzene
Concen: 51.489 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

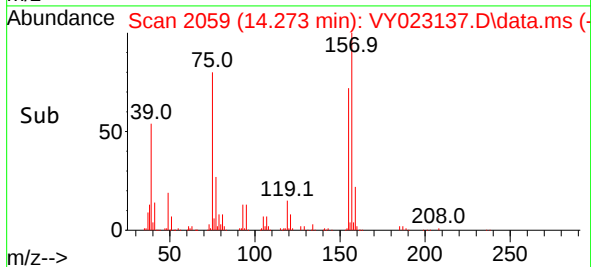
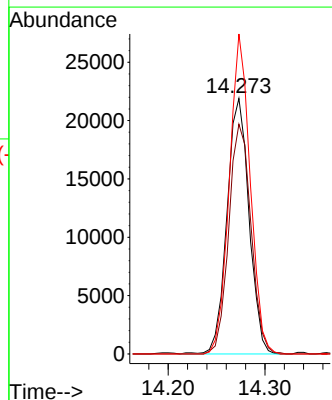
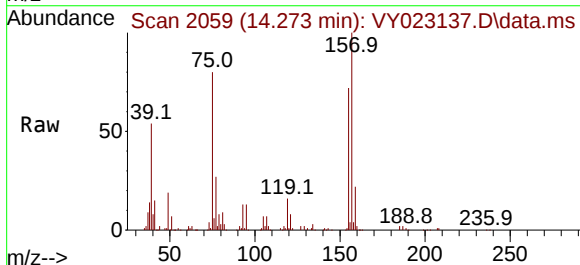
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 588570
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 63.3 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.081 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023137.D
Acq: 19 Aug 2025 09:11

Tgt Ion: 75 Resp: 34676
Ion Ratio Lower Upper
75 100
155 90.7 43.9 131.6
157 118.4 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 51.158 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

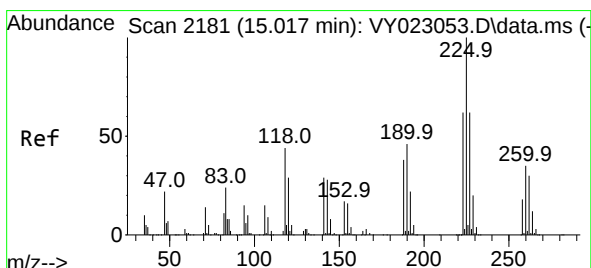
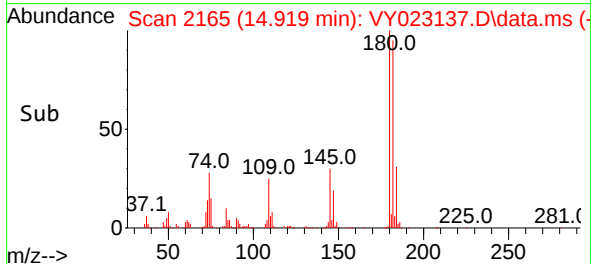
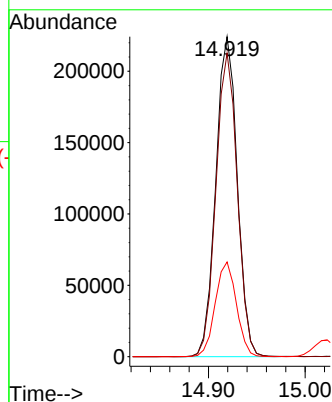
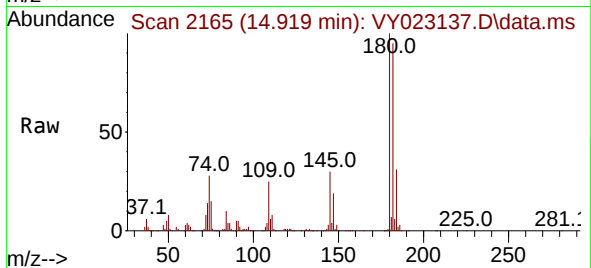
Tgt Ion:180 Resp: 345818

Ion Ratio Lower Upper

180 100

182 94.4 46.8 140.4

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.885 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

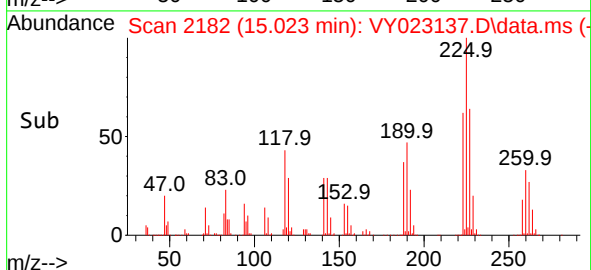
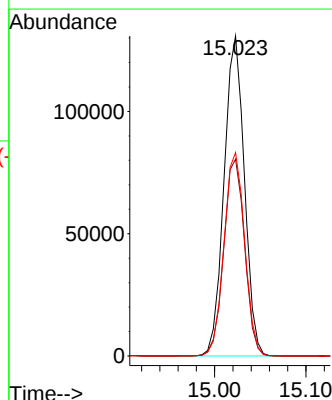
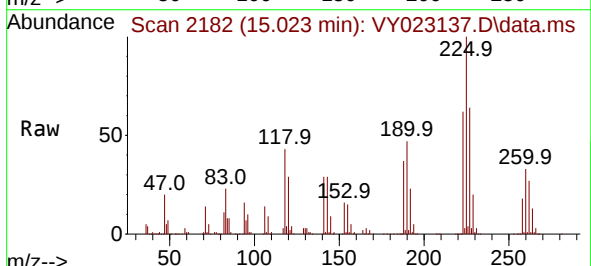
Tgt Ion:225 Resp: 202124

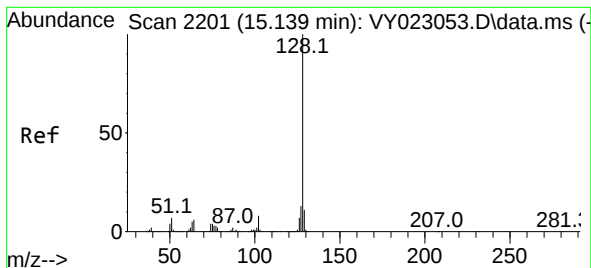
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 64.8 31.5 94.5





#95

Naphthalene

Concen: 51.208 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

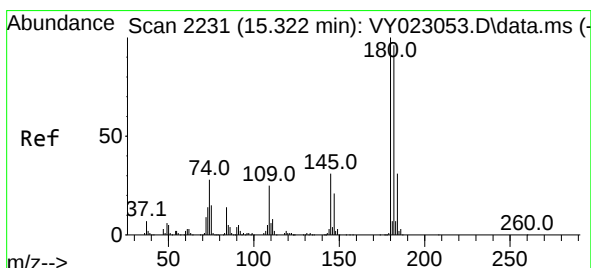
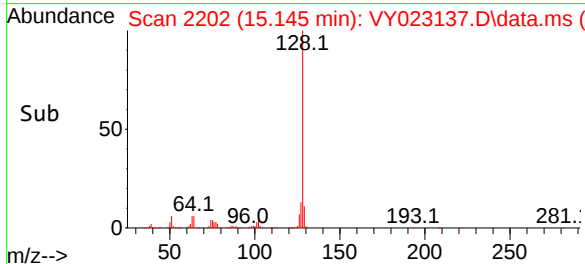
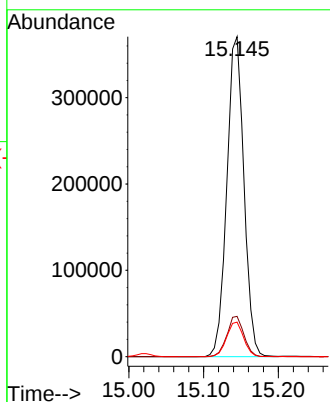
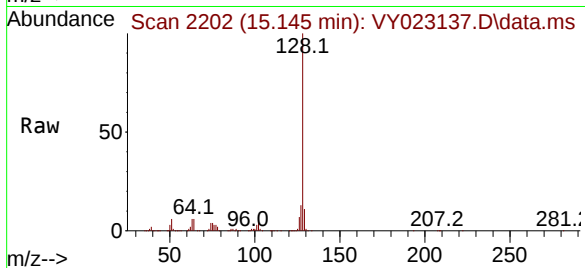
Tgt Ion:128 Resp: 590257

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 49.517 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023137.D

Acq: 19 Aug 2025 09:11

Tgt Ion:180 Resp: 288433

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.7

145 31.1 15.9 47.7

