

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021130.D
 Acq On : 07 Feb 2025 09:31
 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: Feb 08 02:35:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	195996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	297405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	257416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	124211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	92231	45.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.860%
35) Dibromofluoromethane	7.640	113	89545	46.981	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.115	98	337295	46.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.414	95	113858	48.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	85162	48.751	ug/l	97
3) Chloromethane	2.074	50	87176	50.573	ug/l	99
4) Vinyl Chloride	2.214	62	90658	52.252	ug/l	98
5) Bromomethane	2.604	94	52224	48.700	ug/l	93
6) Chloroethane	2.745	64	53770	52.061	ug/l	100
7) Trichlorofluoromethane	3.068	101	158921	50.276	ug/l	99
8) Diethyl Ether	3.464	74	50250	50.924	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	97643	49.219	ug/l	97
10) Methyl Iodide	4.013	142	108711	49.324	ug/l	94
11) Tert butyl alcohol	4.872	59	32899	241.758	ug/l	98
12) 1,1-Dichloroethene	3.799	96	91761	49.102	ug/l	95
13) Acrolein	3.659	56	47341	225.916	ug/l	99
14) Allyl chloride	4.397	41	158977	50.476	ug/l	96
15) Acrylonitrile	5.067	53	108957	265.161	ug/l	100
16) Acetone	3.879	43	85639	273.463	ug/l	95
17) Carbon Disulfide	4.116	76	283752	48.422	ug/l	99
18) Methyl Acetate	4.397	43	58539	53.249	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	242279	51.293	ug/l	100
20) Methylene Chloride	4.628	84	96039	49.332	ug/l	92
21) trans-1,2-Dichloroethene	5.128	96	100664	48.936	ug/l	95
22) Diisopropyl ether	6.031	45	334597	51.541	ug/l	97
23) Vinyl Acetate	5.970	43	948138	261.991	ug/l	98
24) 1,1-Dichloroethane	5.927	63	187948	49.414	ug/l	100
25) 2-Butanone	6.902	43	139680	271.427	ug/l	96
26) 2,2-Dichloropropane	6.896	77	172382	48.981	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	117862	49.778	ug/l	94
28) Bromochloromethane	7.256	49	81724	54.337	ug/l	99
29) Tetrahydrofuran	7.268	42	93366	268.123	ug/l	95
30) Chloroform	7.433	83	193238	49.462	ug/l	97
31) Cyclohexane	7.707	56	161942	47.281	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	175381	48.284	ug/l	99
36) 1,1-Dichloropropene	7.847	75	140035	49.603	ug/l	99
37) Ethyl Acetate	6.994	43	66015	53.304	ug/l	98
38) Carbon Tetrachloride	7.829	117	163777	49.650	ug/l	99
39) Methylcyclohexane	9.115	83	175495	50.822	ug/l	98
40) Benzene	8.085	78	412595	49.802	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	36819	51.388	ug/l	97
42) 1,2-Dichloroethane	8.164	62	115389	50.209	ug/l	97
43) Isopropyl Acetate	8.201	43	130921	53.202	ug/l	97
44) Trichloroethene	8.872	130	104381	48.766	ug/l	94
45) 1,2-Dichloropropane	9.152	63	98859	50.274	ug/l	97
46) Dibromomethane	9.237	93	54188	49.771	ug/l	95
47) Bromodichloromethane	9.432	83	146544	50.187	ug/l	98
48) Methyl methacrylate	9.231	41	59763	53.316	ug/l	94
49) 1,4-Dioxane	9.237	88	11187	1103.757	ug/l	96
51) 4-Methyl-2-Pentanone	10.005	43	335635	271.225	ug/l	97
52) Toluene	10.176	92	262159	50.396	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	135953	51.853	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	159108	51.253	ug/l	93
55) 1,1,2-Trichloroethane	10.579	97	69843	49.539	ug/l	99
56) Ethyl methacrylate	10.444	69	101325	53.723	ug/l	92
57) 1,3-Dichloropropane	10.725	76	125517	51.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	240699	268.251	ug/l	100
59) 2-Hexanone	10.768	43	222179	278.852	ug/l	96
60) Dibromochloromethane	10.920	129	99592	50.301	ug/l	98
61) 1,2-Dibromoethane	11.024	107	66876	50.641	ug/l	99
64) Tetrachloroethene	10.652	164	92137	48.216	ug/l	98
65) Chlorobenzene	11.450	112	282230	49.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	99431	48.814	ug/l	97
67) Ethyl Benzene	11.524	91	503852	49.699	ug/l	98
68) m/p-Xylenes	11.639	106	382420	100.832	ug/l	99
69) o-Xylene	11.962	106	177959	50.328	ug/l	97
70) Styrene	11.975	104	299339	50.792	ug/l	98
71) Bromoform	12.139	173	57383	50.611	ug/l #	98
73) Isopropylbenzene	12.261	105	479265	49.395	ug/l	99
74) N-amyl acetate	12.078	43	111245	52.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	80421	49.837	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	52676m	46.751	ug/l	
77) Bromobenzene	12.542	156	108924	48.648	ug/l	94
78) n-propylbenzene	12.603	91	579395	50.129	ug/l	99
79) 2-Chlorotoluene	12.688	91	324838	49.070	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	389821	49.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	28108	50.902	ug/l	96
82) 4-Chlorotoluene	12.785	91	333089	49.386	ug/l	100
83) tert-Butylbenzene	13.005	119	350735	49.051	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	386069	50.193	ug/l	99
85) sec-Butylbenzene	13.182	105	506564	49.216	ug/l	98
86) p-Isopropyltoluene	13.298	119	423069	49.482	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	209195	48.388	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	204979	48.154	ug/l	99
89) n-Butylbenzene	13.627	91	396714	50.861	ug/l	99
90) Hexachloroethane	13.889	117	87392	48.996	ug/l	88
91) 1,2-Dichlorobenzene	13.669	146	181015	48.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12060	50.012	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	107696	51.562	ug/l	99
94) Hexachlorobutadiene	15.029	225	66832	48.285	ug/l	99
95) Naphthalene	15.151	128	181117	54.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	88483	50.905	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

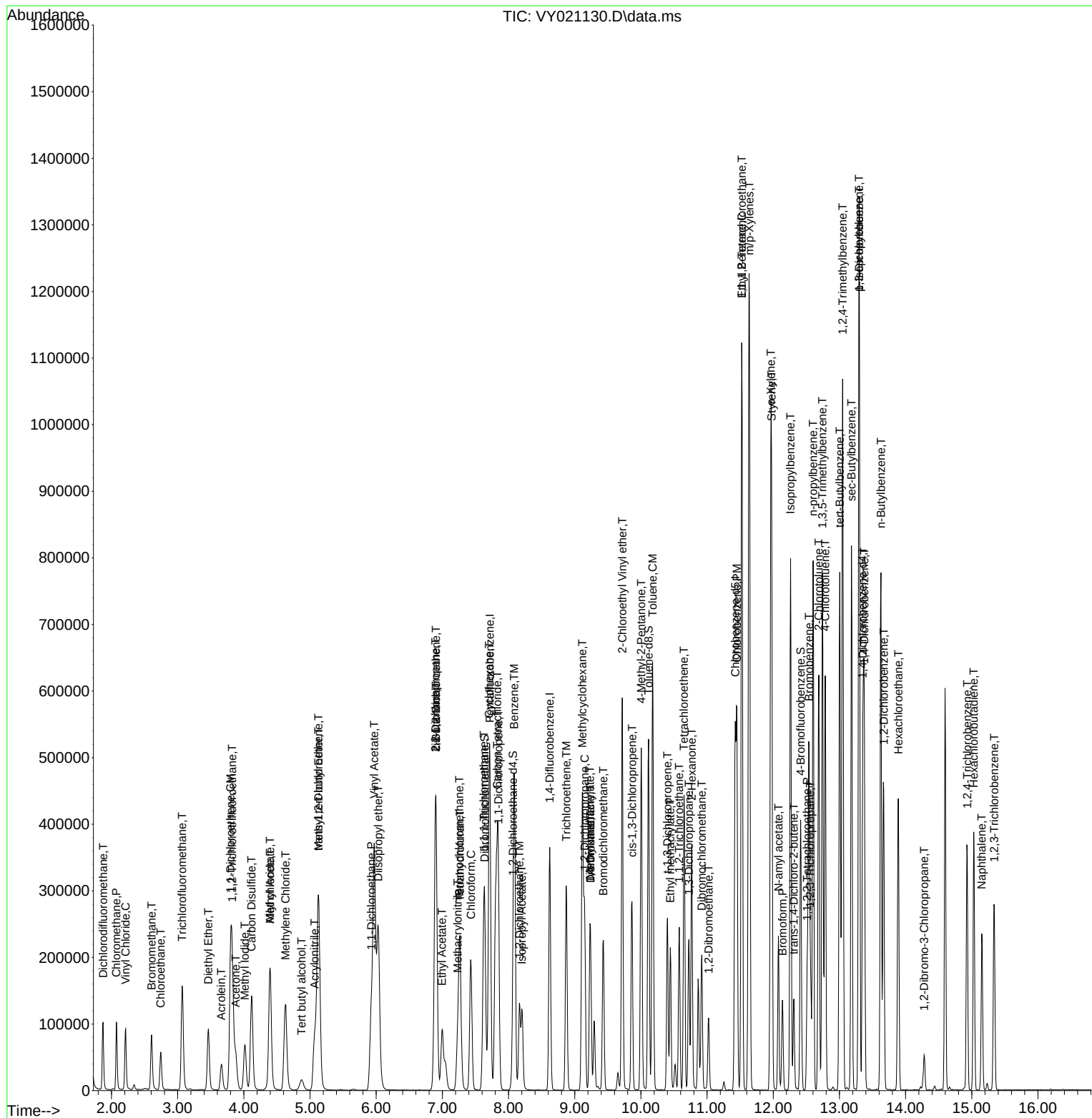
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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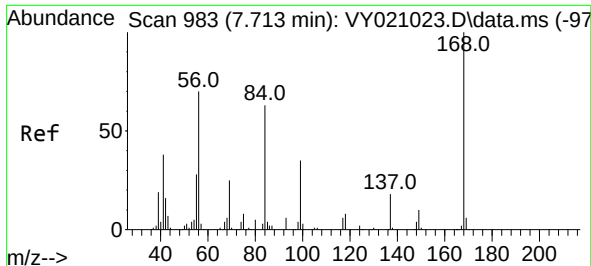
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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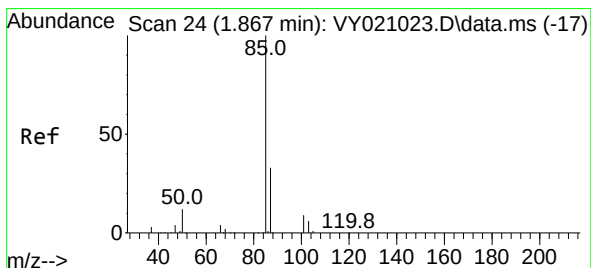
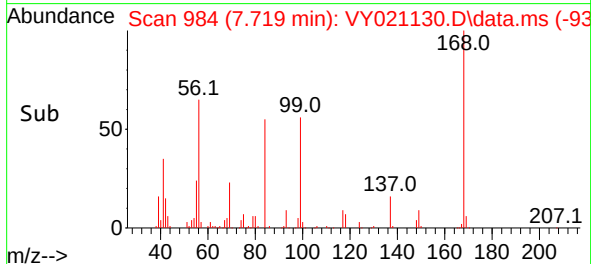
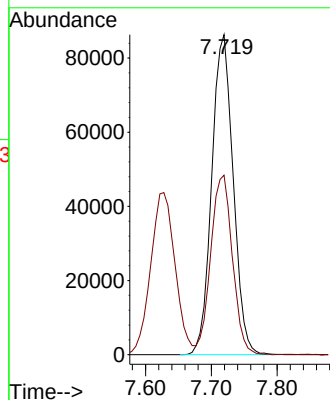
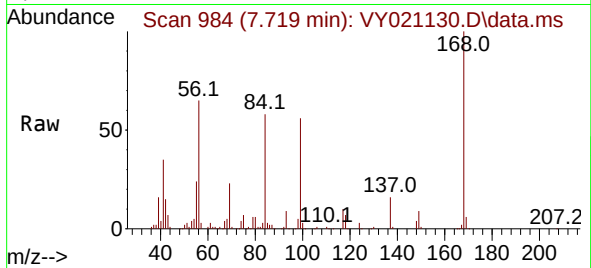




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021130.D
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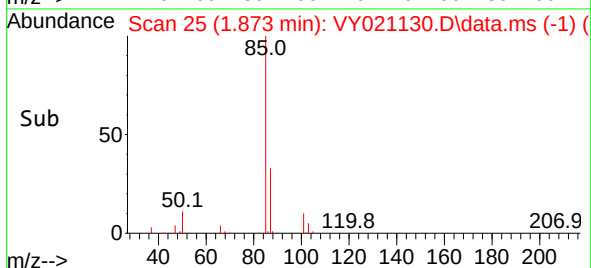
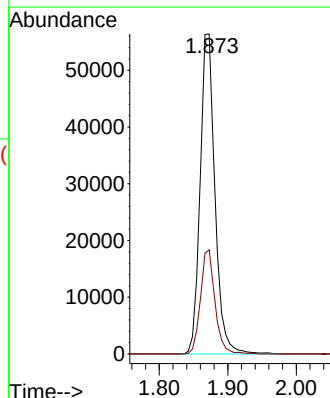
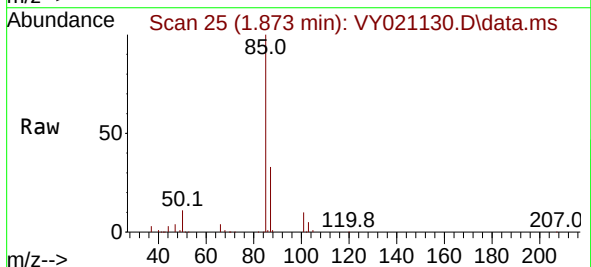
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

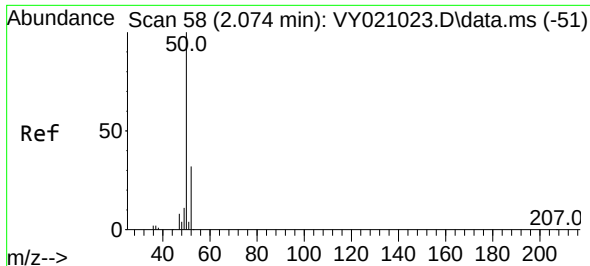
Tgt Ion:168 Resp: 195996
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 48.751 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 85 Resp: 85162
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3

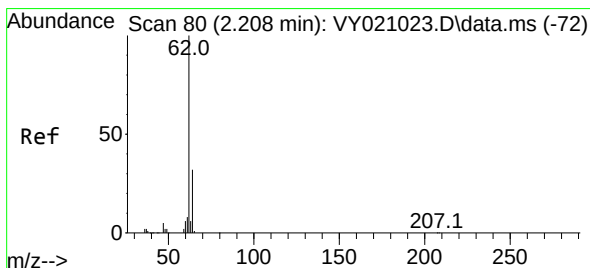
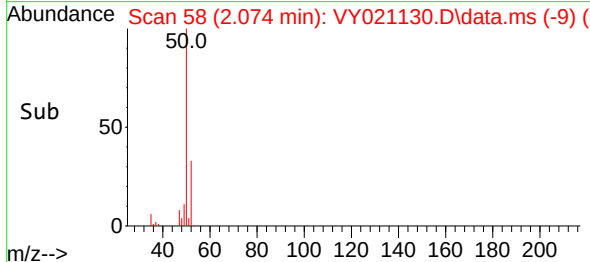
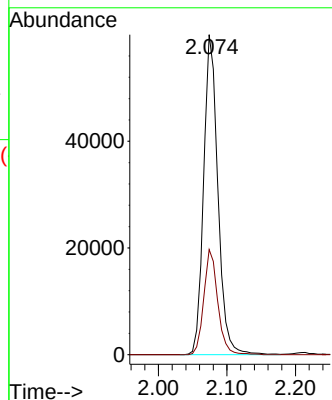
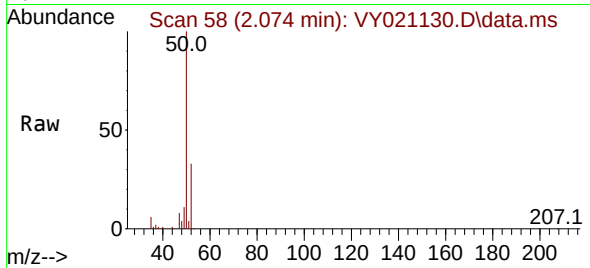




#3
Chloromethane
Concen: 50.573 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

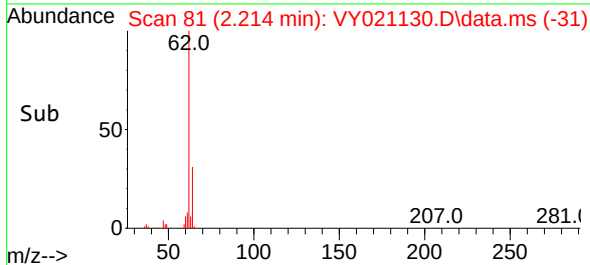
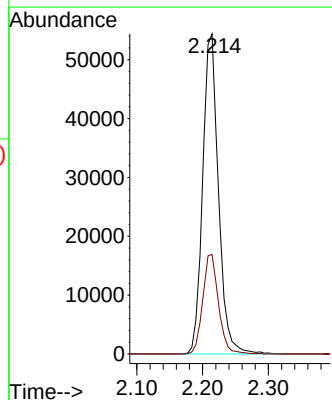
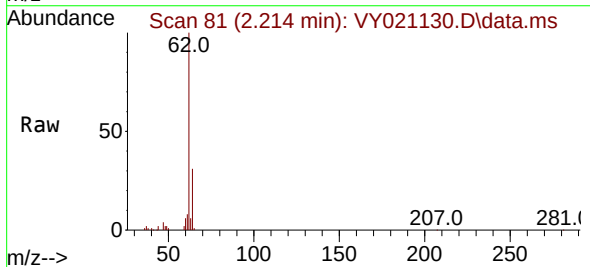
Instrument :
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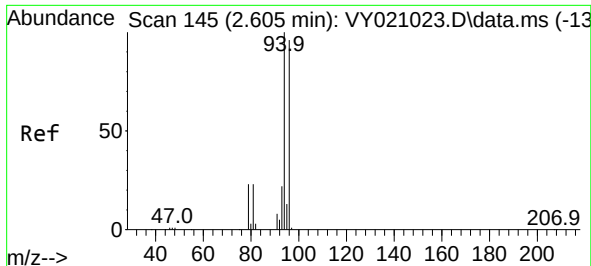
Tgt Ion: 50 Resp: 87176
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 52.252 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 62 Resp: 90658
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5

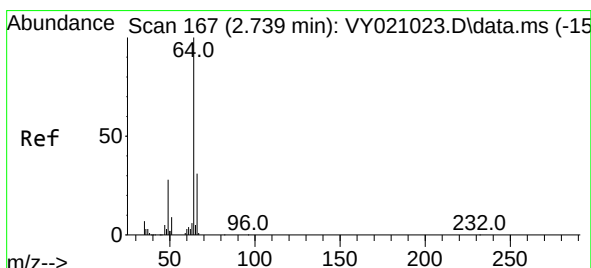
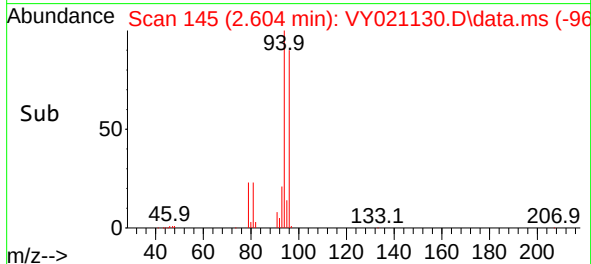
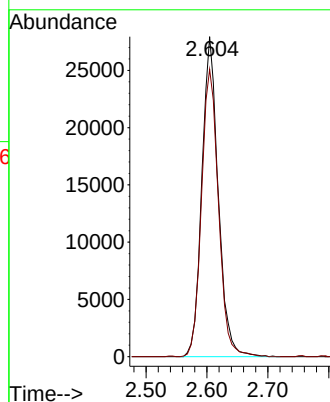
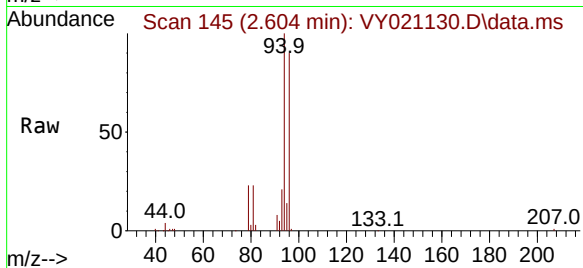




#5
Bromomethane
Concen: 48.700 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

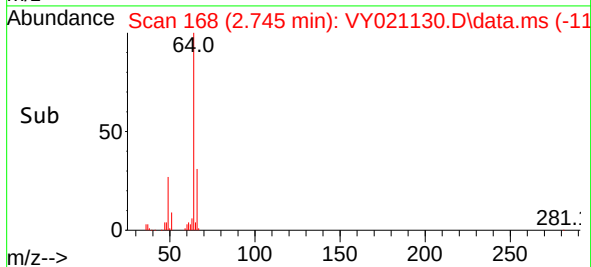
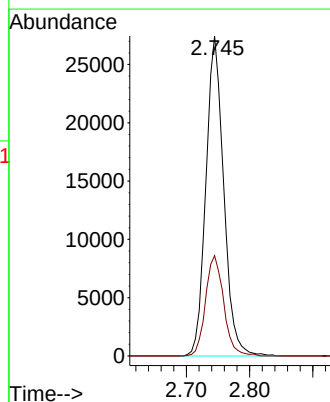
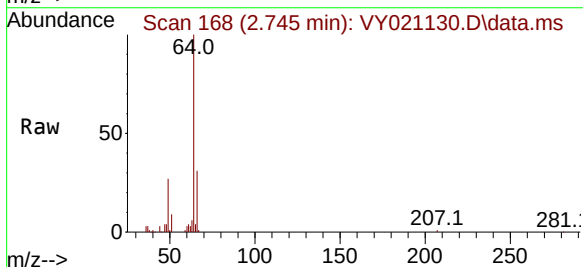
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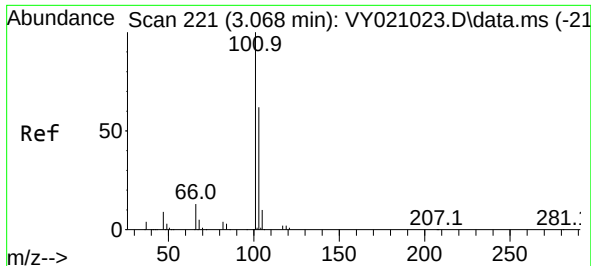
Tgt Ion: 94 Resp: 52224
Ion Ratio Lower Upper
94 100
96 89.8 77.3 115.9



#6
Chloroethane
Concen: 52.061 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 64 Resp: 53770
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7

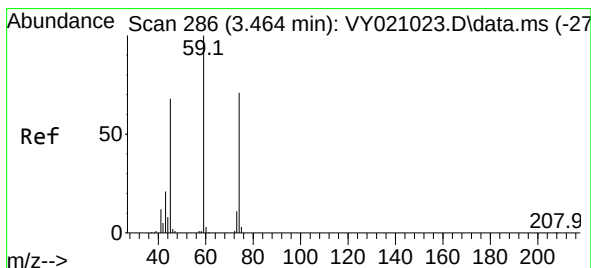
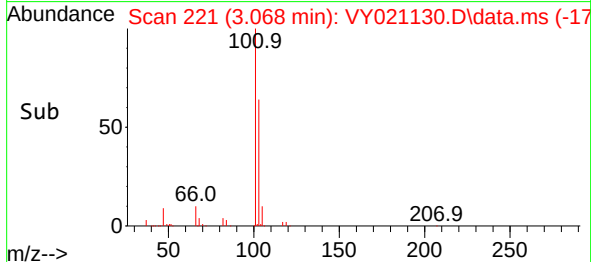
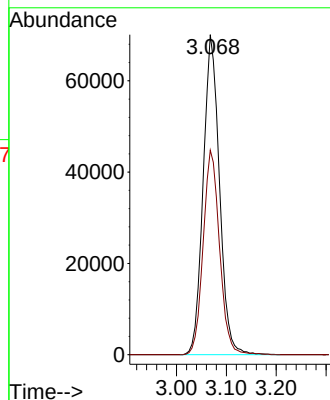
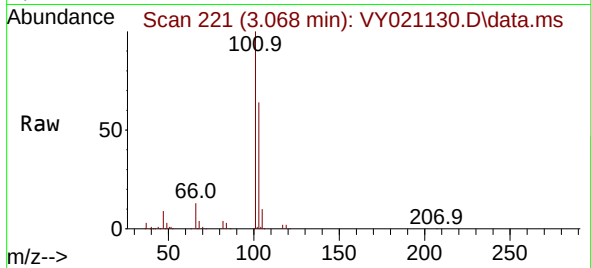




#7
 Trichlorofluoromethane
 Concen: 50.276 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

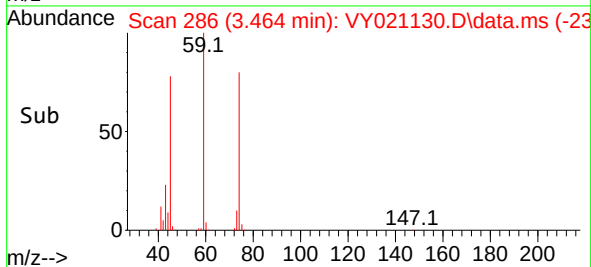
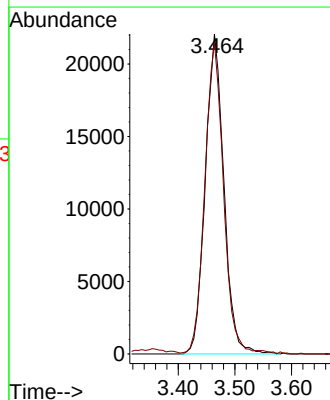
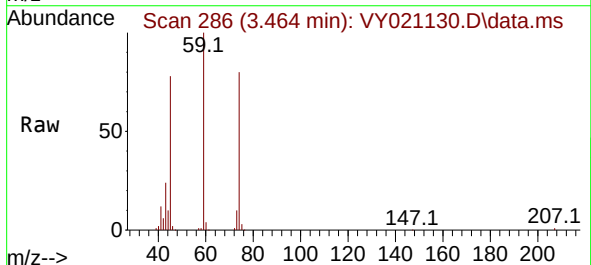
Instrument :
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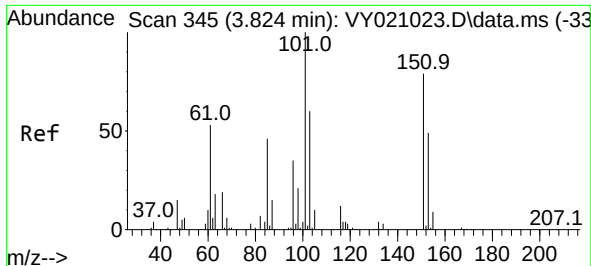
Tgt Ion:101 Resp: 158921
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.924 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY021130.D
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Tgt Ion: 74 Resp: 50250
 Ion Ratio Lower Upper
 74 100
 45 98.4 47.9 143.7

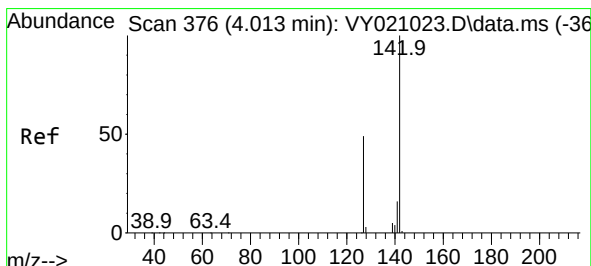
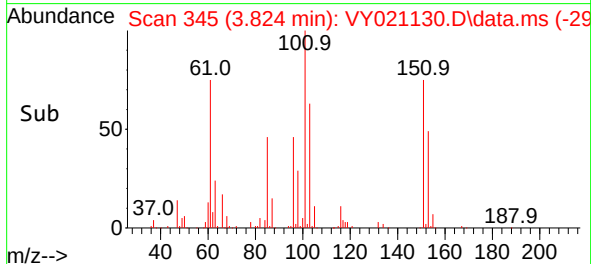
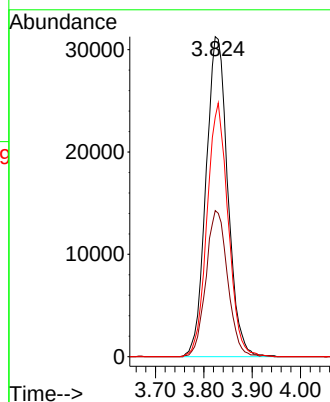
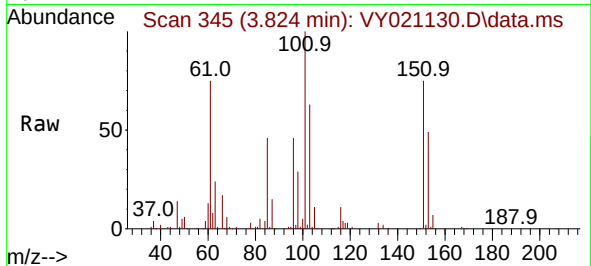




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.219 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

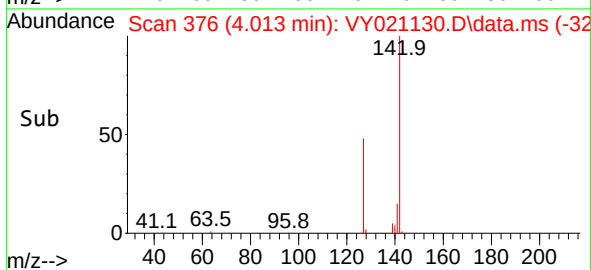
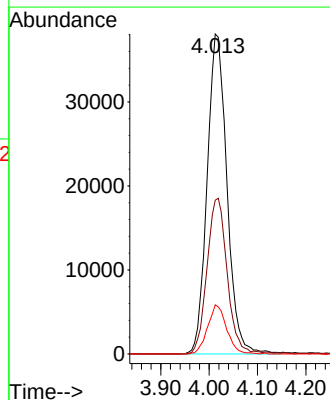
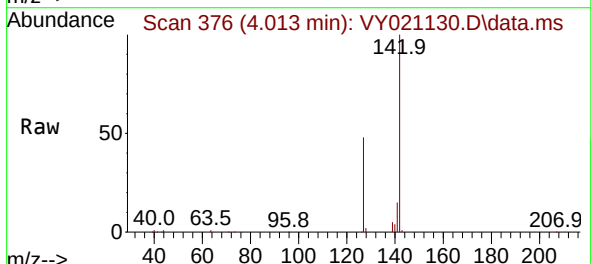
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

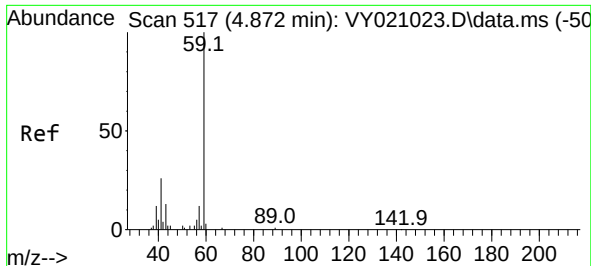
Tgt Ion:101 Resp: 97643
Ion Ratio Lower Upper
101 100
85 45.7 35.8 53.6
151 76.9 58.6 88.0



#10
Methyl Iodide
Concen: 49.324 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:142 Resp: 108711
Ion Ratio Lower Upper
142 100
127 49.3 35.1 52.7
141 14.6 11.8 17.6

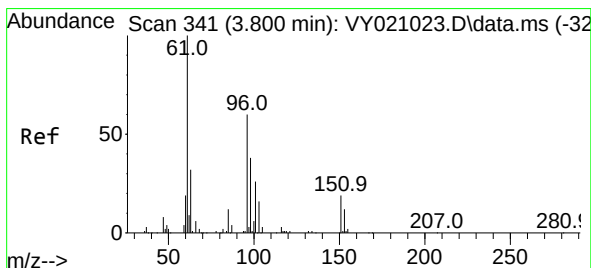
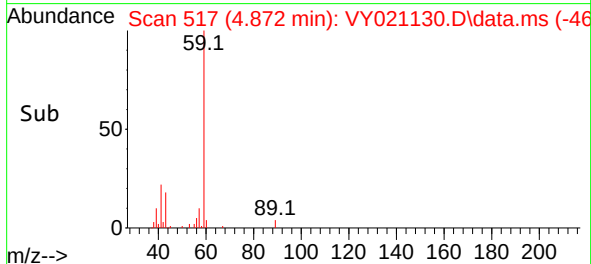
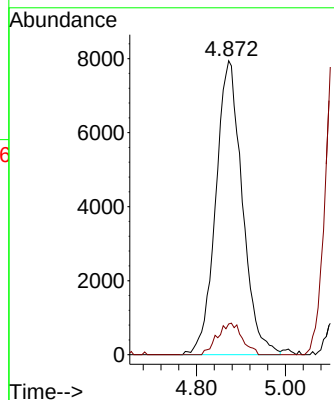
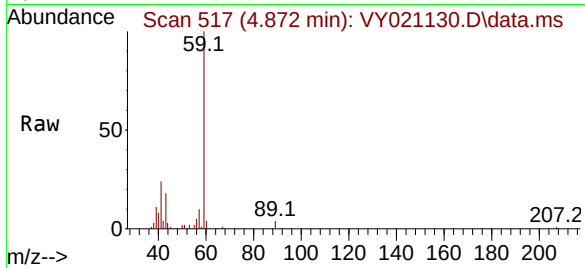




#11
Tert butyl alcohol
Concen: 241.758 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

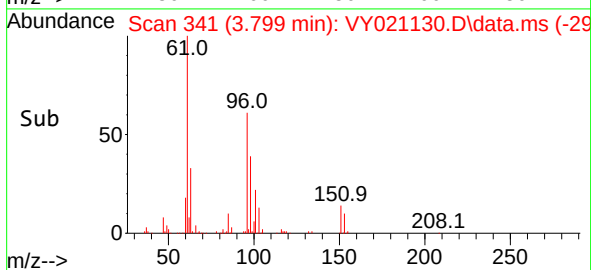
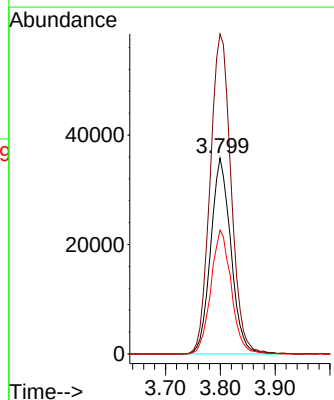
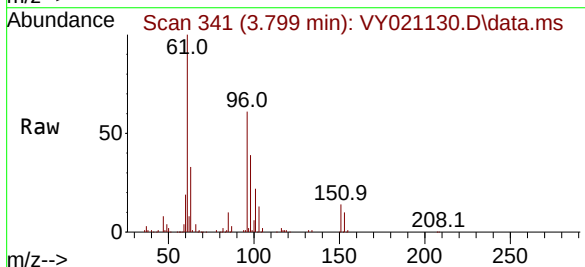
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

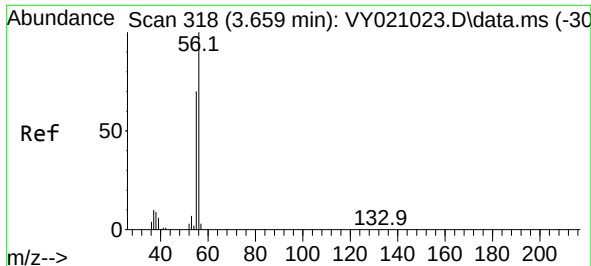
Tgt Ion: 59 Resp: 32899
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.102 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 96 Resp: 91761
Ion Ratio Lower Upper
96 100
61 163.4 124.2 186.2
98 63.1 52.6 79.0

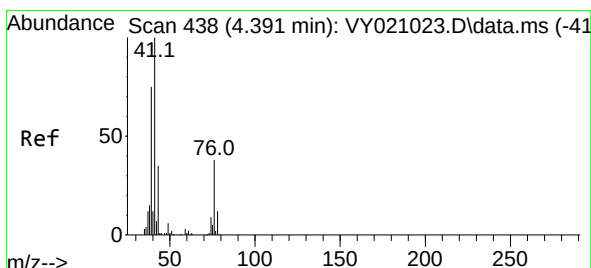
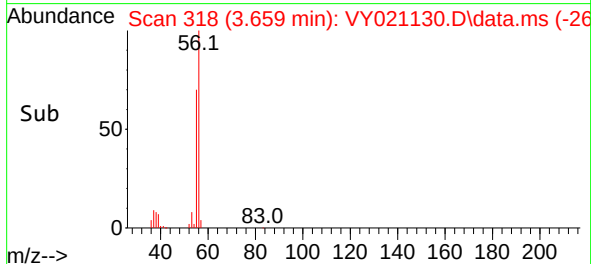
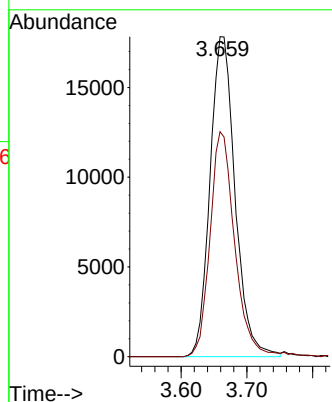
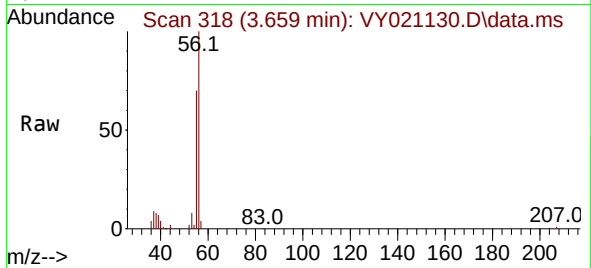




#13
Acrolein
Concen: 225.916 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

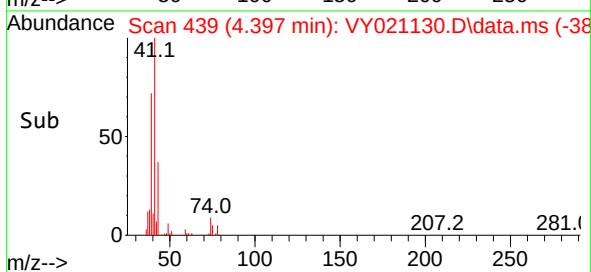
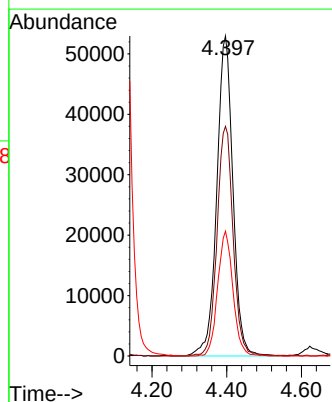
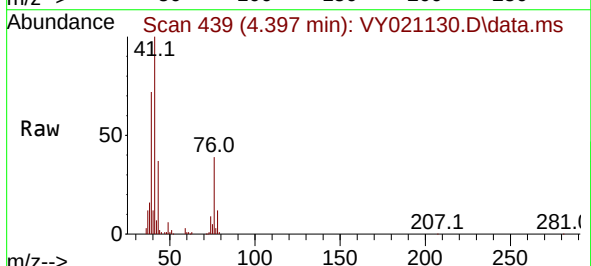
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

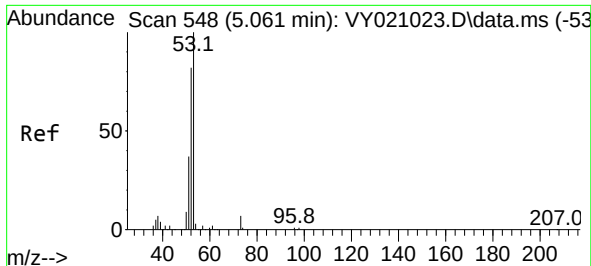
Tgt Ion: 56 Resp: 47341
Ion Ratio Lower Upper
56 100
55 69.7 55.4 83.0



#14
Allyl chloride
Concen: 50.476 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 41 Resp: 158977
Ion Ratio Lower Upper
41 100
39 71.4 54.7 82.1
76 36.9 31.8 47.6

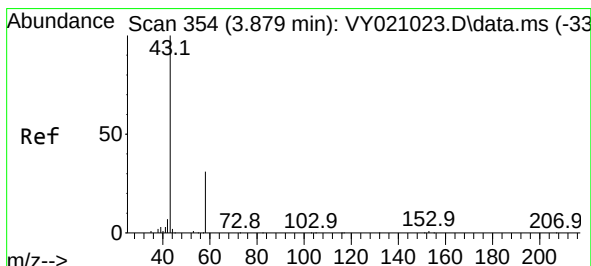
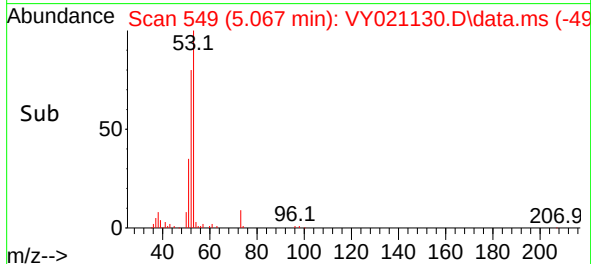
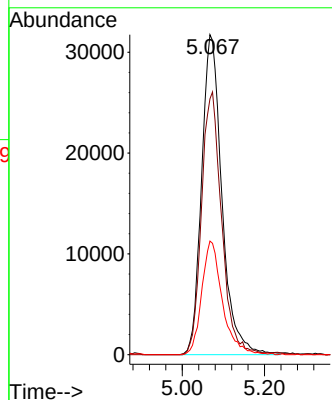
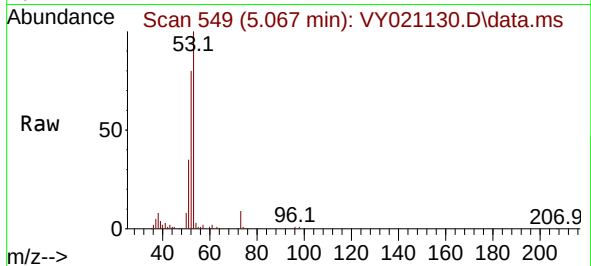




#15
Acrylonitrile
Concen: 265.161 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

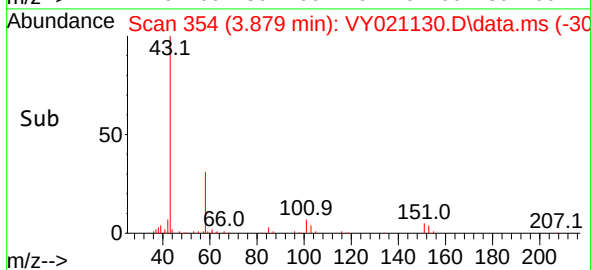
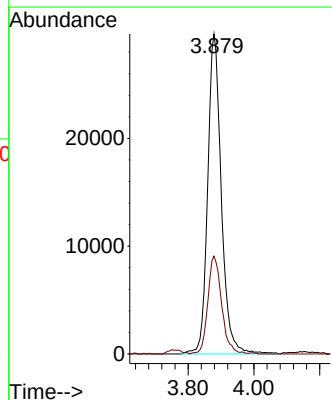
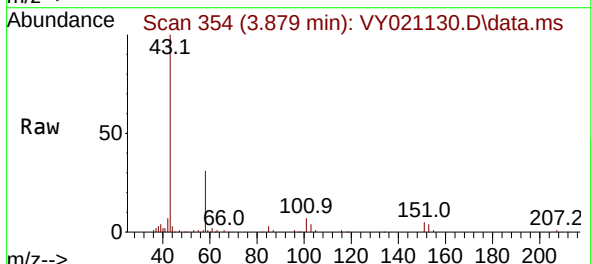
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

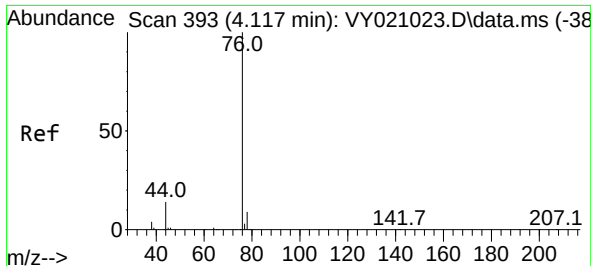
Tgt Ion: 53 Resp: 108957
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 36.0 29.0 43.4



#16
Acetone
Concen: 273.463 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 43 Resp: 85639
Ion Ratio Lower Upper
43 100
58 30.6 26.6 39.8

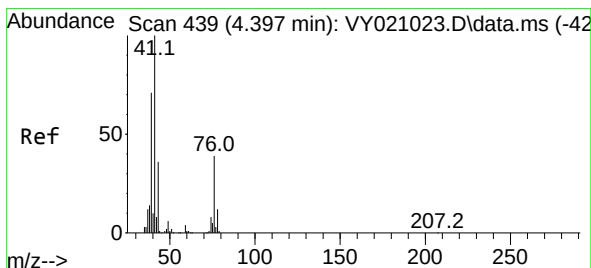
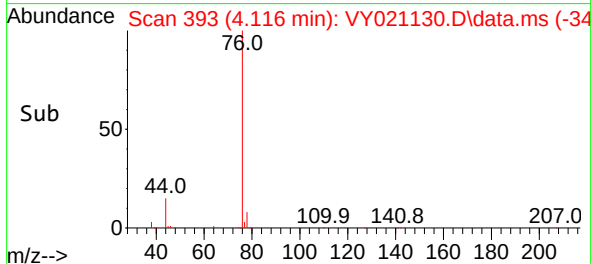
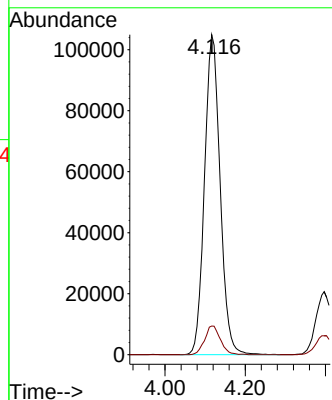
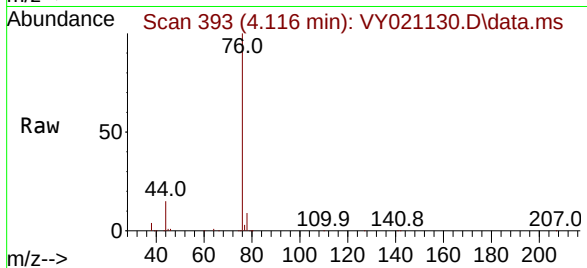




#17
Carbon Disulfide
Concen: 48.422 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

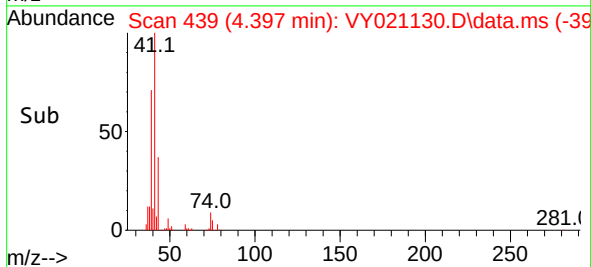
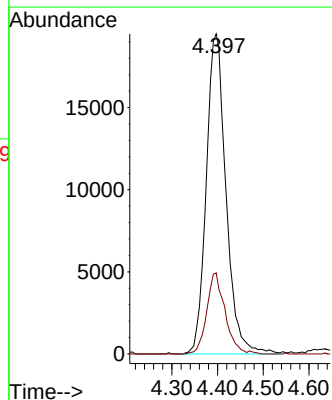
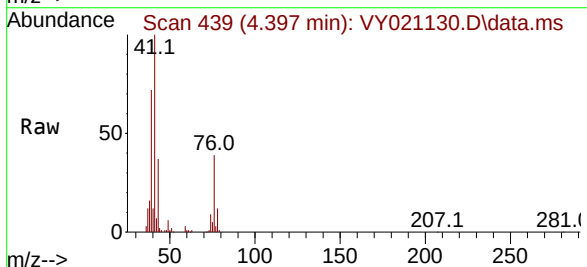
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

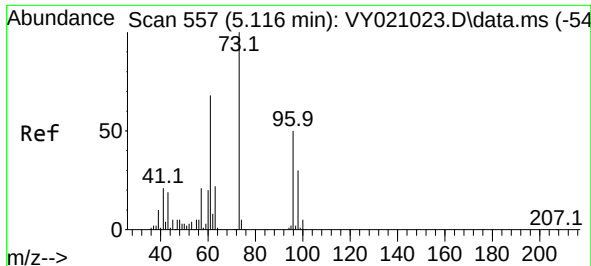
Tgt Ion: 76 Resp: 283752
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.249 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 43 Resp: 58539
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.6

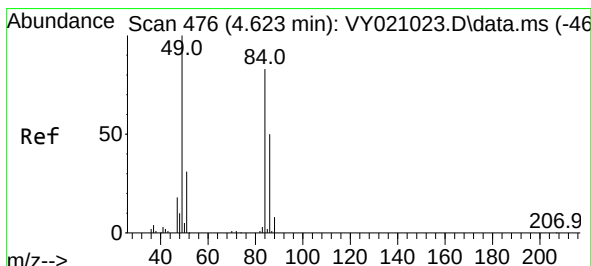
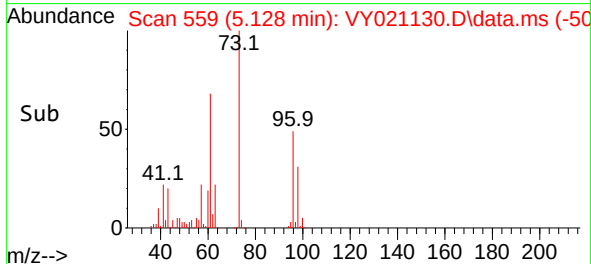
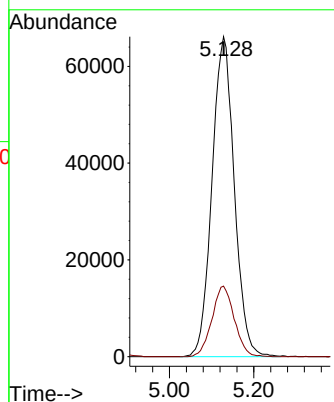
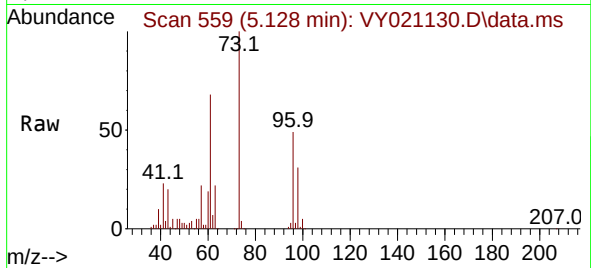




#19
Methyl tert-butyl Ether
Concen: 51.293 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

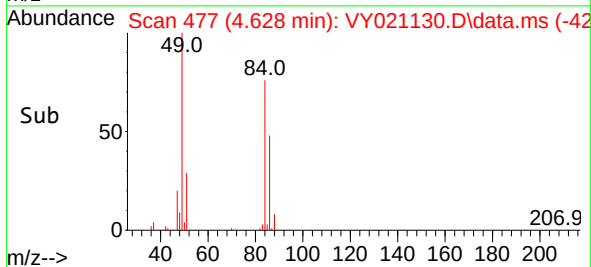
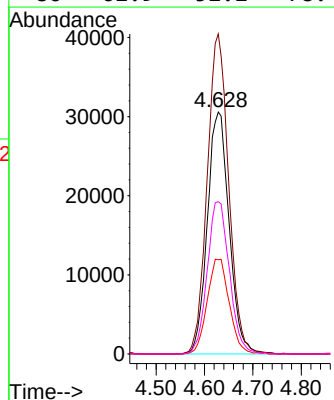
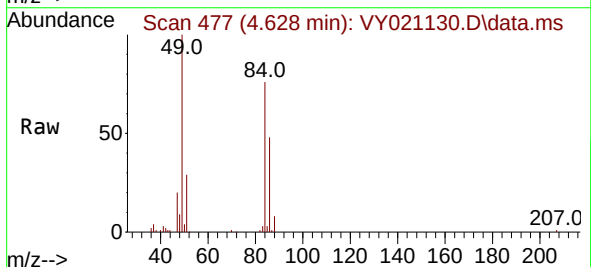
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

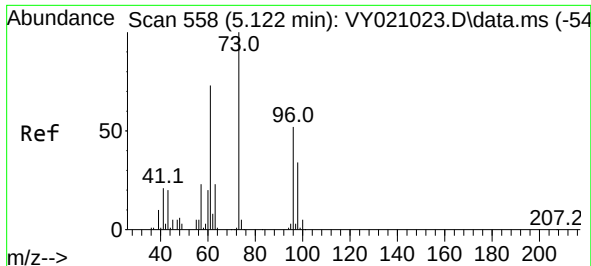
Tgt Ion: 73 Resp: 242279
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 49.332 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 84 Resp: 96039
Ion Ratio Lower Upper
84 100
49 132.3 95.2 142.8
51 39.0 29.9 44.9
86 62.9 52.2 78.4

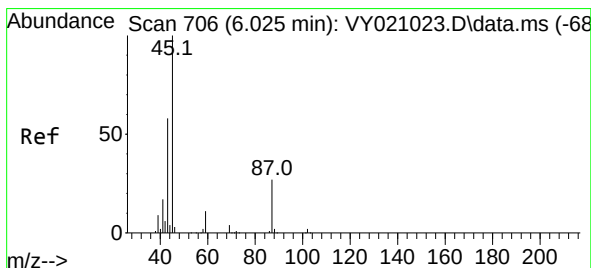
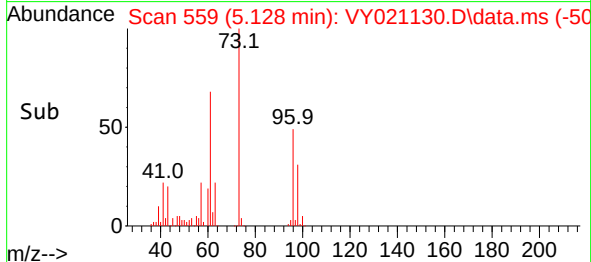
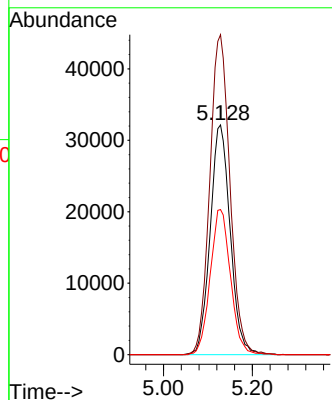
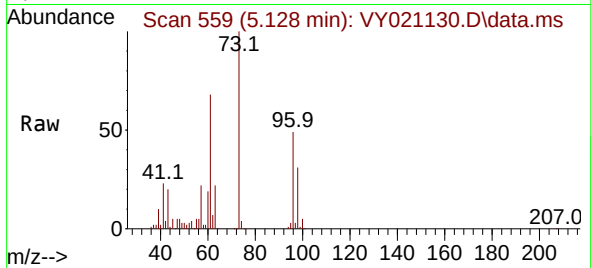




#21
trans-1,2-Dichloroethene
Concen: 48.936 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

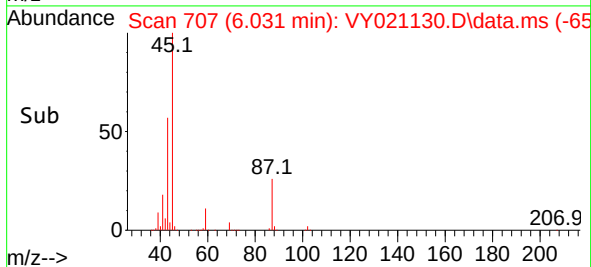
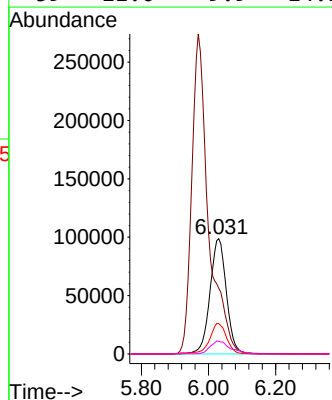
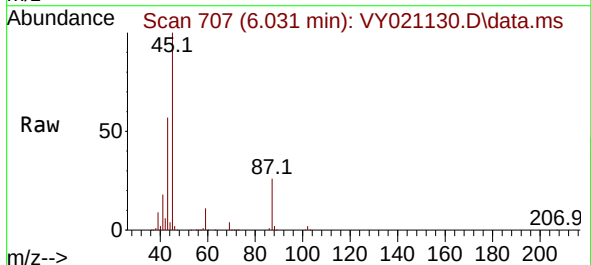
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

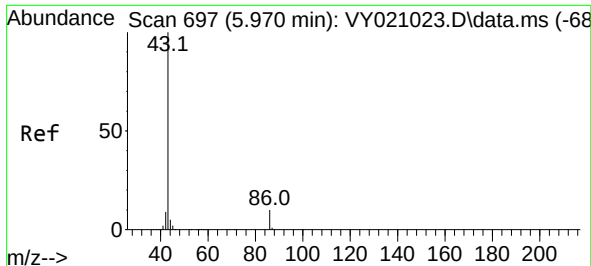
Tgt Ion: 96 Resp: 100664
Ion Ratio Lower Upper
96 100
61 139.3 104.6 156.8
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 51.541 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 45 Resp: 334597
Ion Ratio Lower Upper
45 100
43 56.7 46.8 70.2
87 26.4 22.2 33.2
59 11.0 9.9 14.9

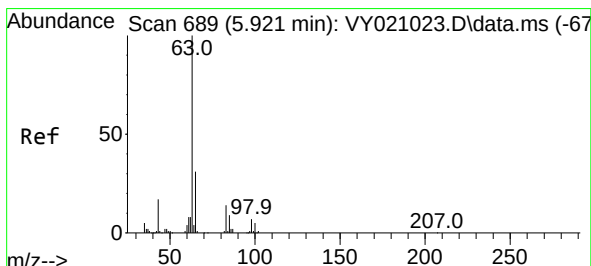
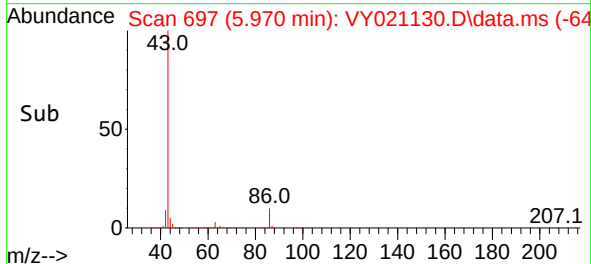
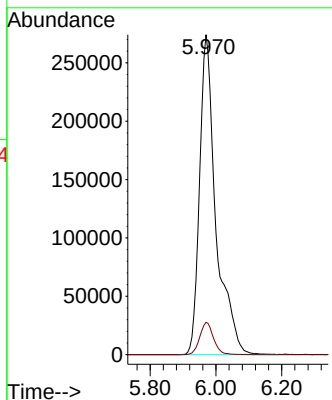
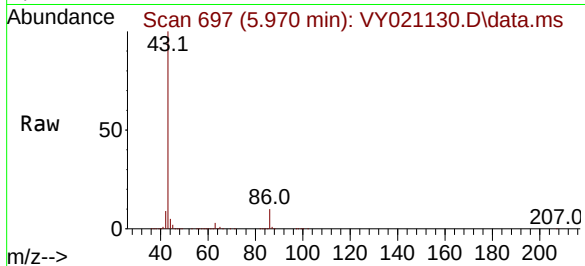




#23
 Vinyl Acetate
 Concen: 261.991 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

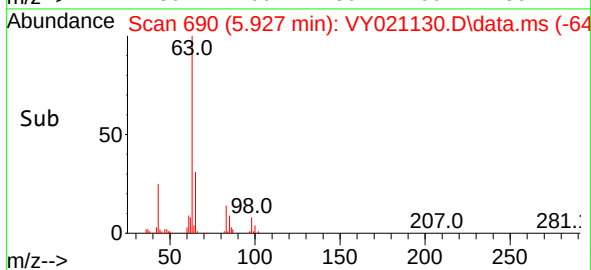
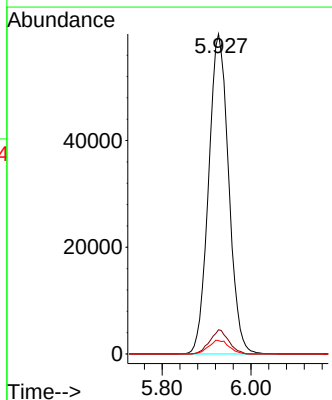
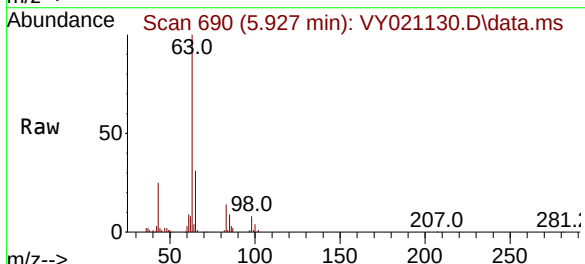
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

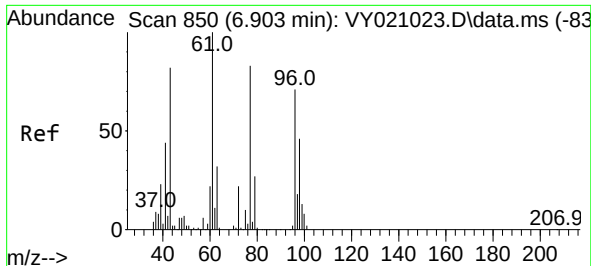
Tgt Ion: 43 Resp: 948138
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.414 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

Tgt Ion: 63 Resp: 187948
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 271.427 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

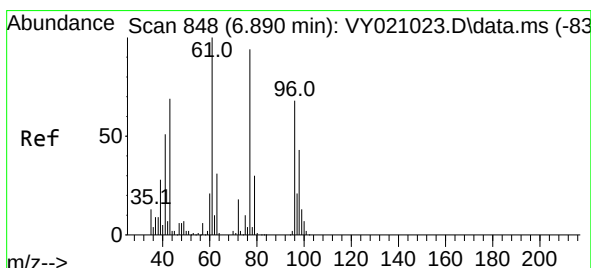
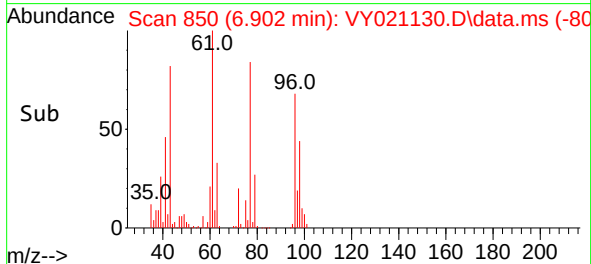
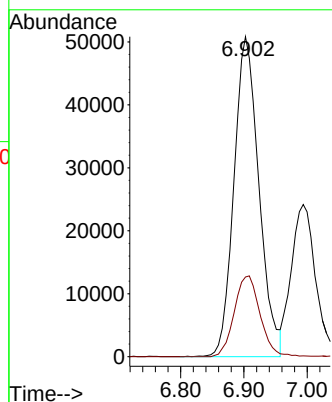
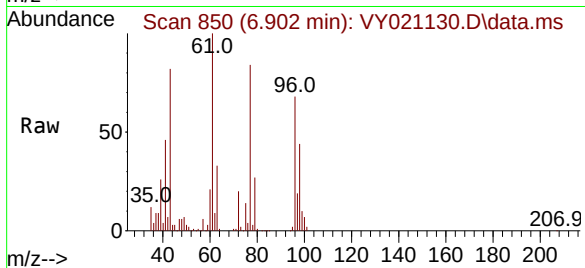
VSTDCCC050

Tgt Ion: 43 Resp: 139680

Ion Ratio Lower Upper

43 100

72 24.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.981 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021130.D

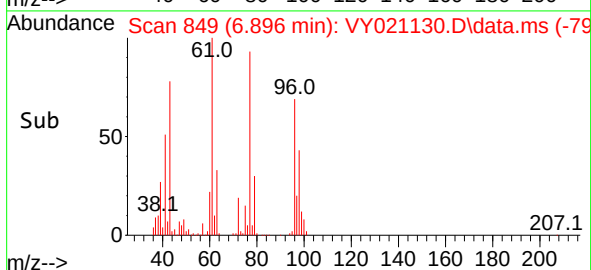
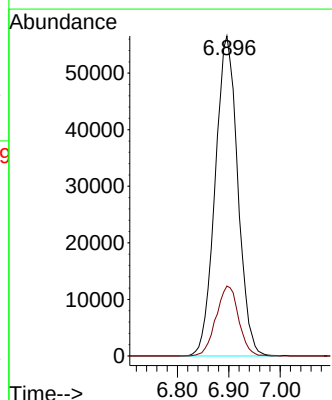
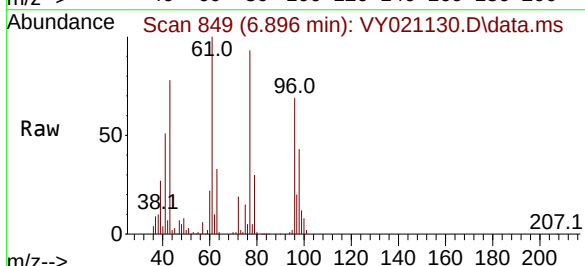
Acq: 07 Feb 2025 09:31

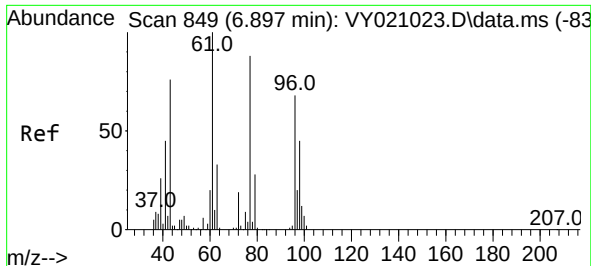
Tgt Ion: 77 Resp: 172382

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.778 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

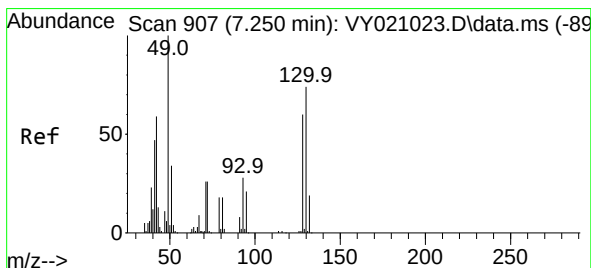
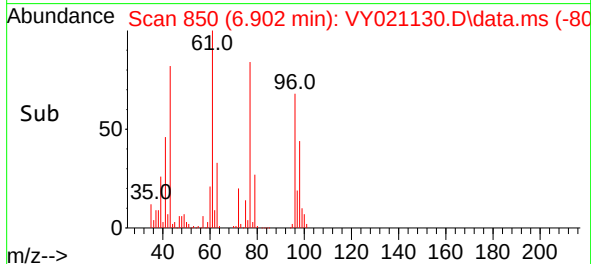
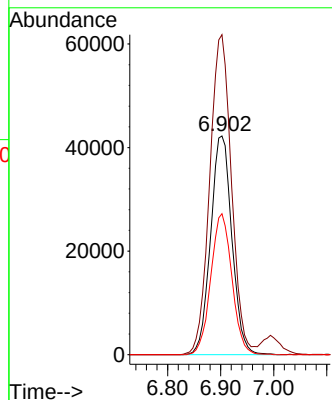
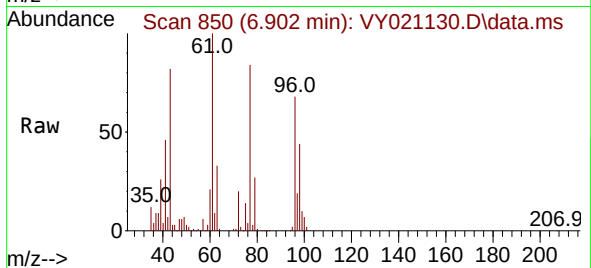
Tgt Ion: 96 Resp: 117862

Ion Ratio Lower Upper

96 100

61 149.7 0.0 278.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 54.337 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

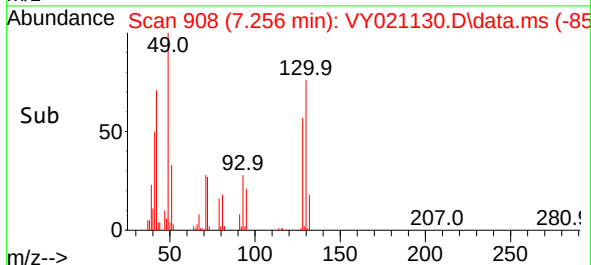
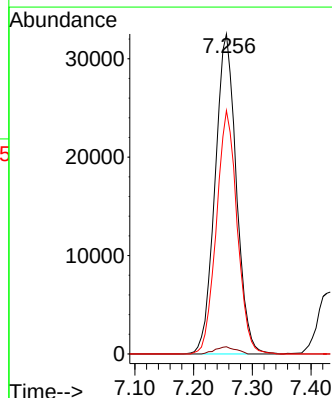
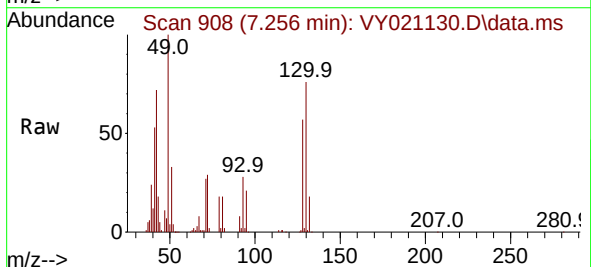
Tgt Ion: 49 Resp: 81724

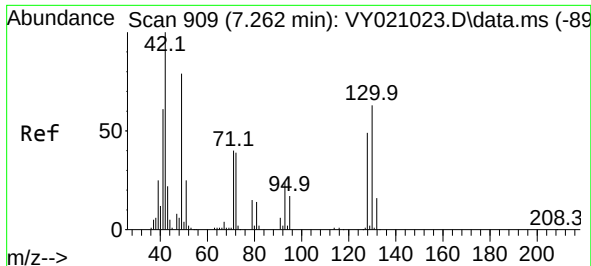
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 74.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 268.123 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

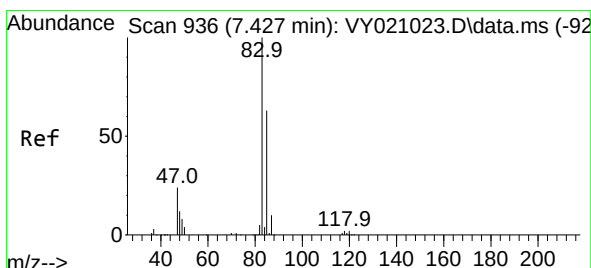
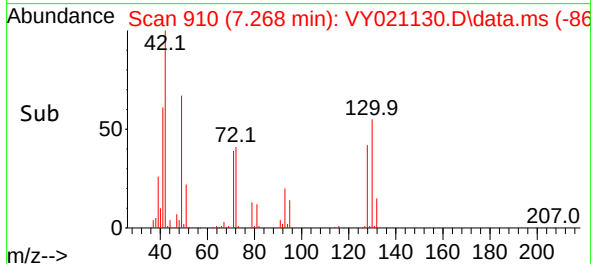
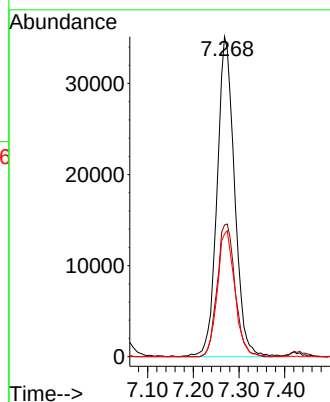
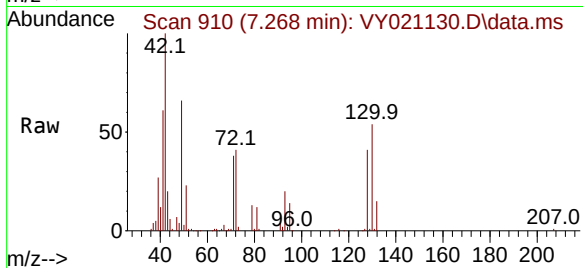
Tgt Ion: 42 Resp: 93366

Ion Ratio Lower Upper

42 100

72 42.5 36.6 54.8

71 39.3 33.8 50.6



#30

Chloroform

Concen: 49.462 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021130.D

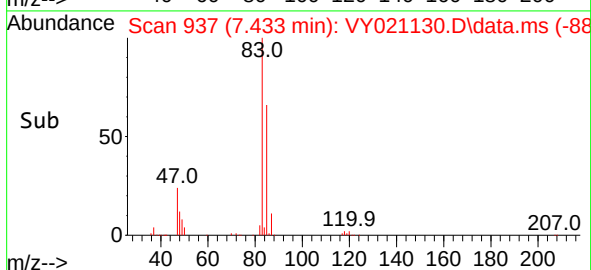
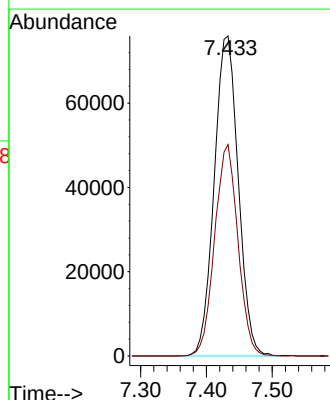
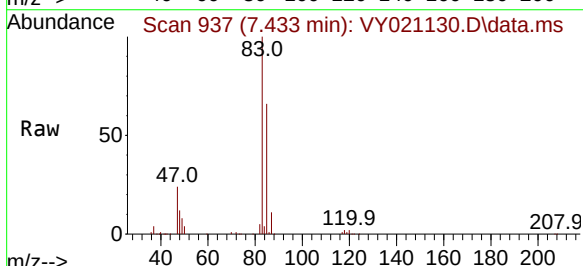
Acq: 07 Feb 2025 09:31

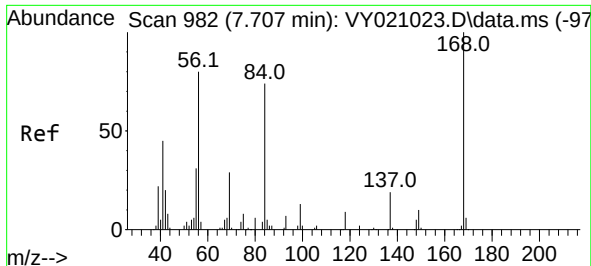
Tgt Ion: 83 Resp: 193238

Ion Ratio Lower Upper

83 100

85 66.0 51.2 76.8

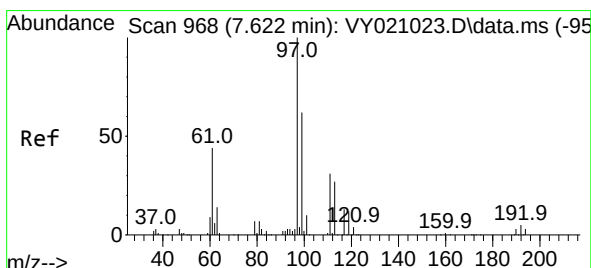
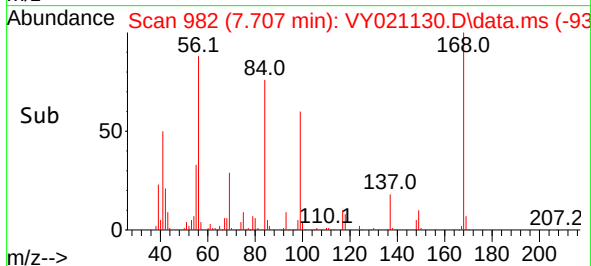
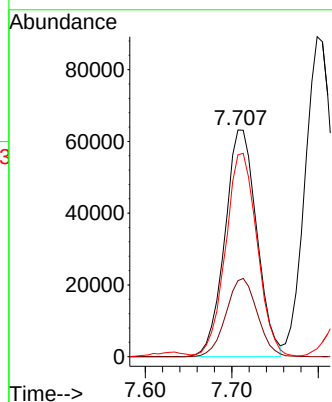
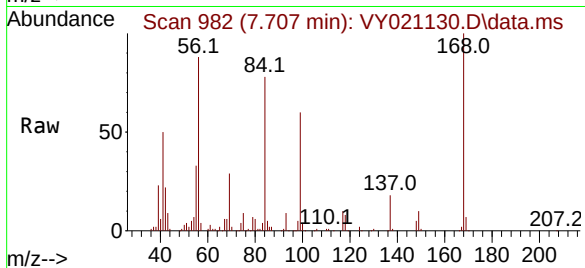




#31
Cyclohexane
Concen: 47.281 ug/l
RT: 7.707 min Scan# 918
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

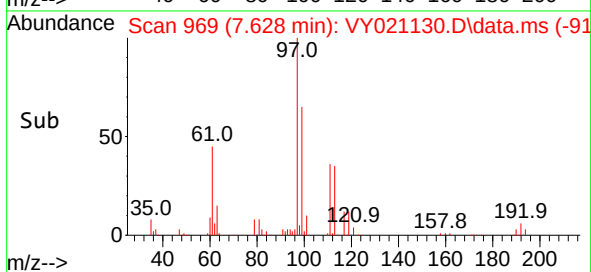
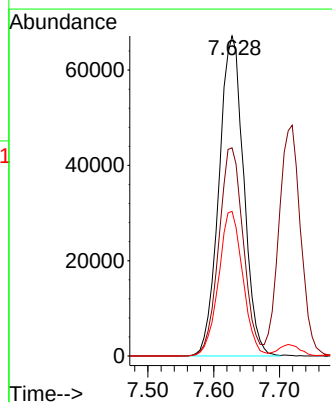
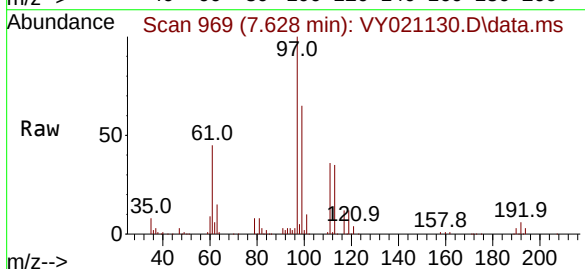
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

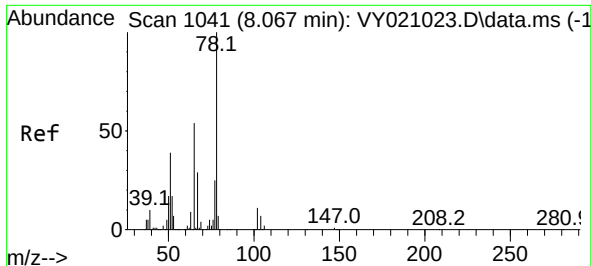
Tgt Ion: 56 Resp: 161942
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 87.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.284 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 97 Resp: 175381
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.929 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

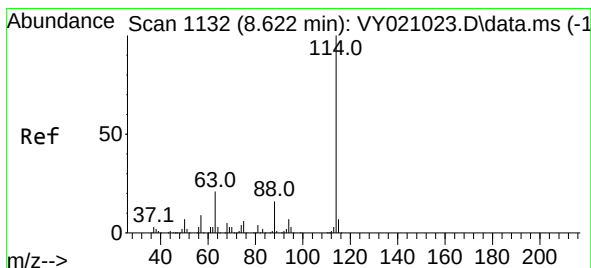
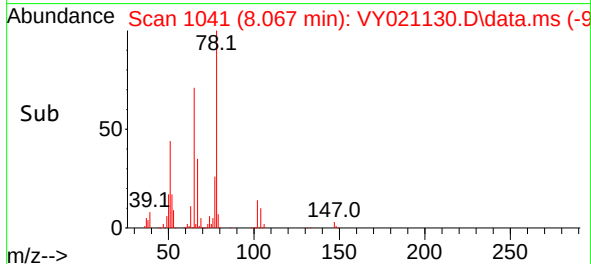
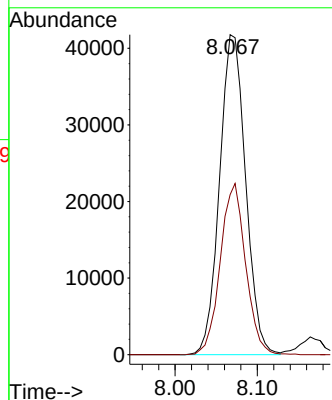
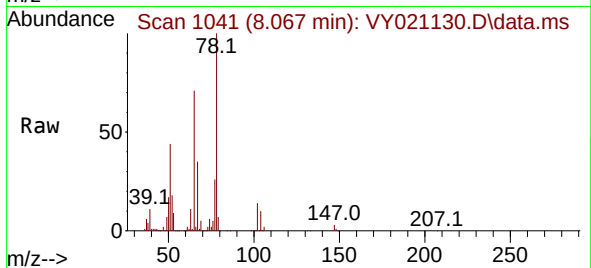
VSTDCCC050

Tgt Ion: 65 Resp: 92231

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

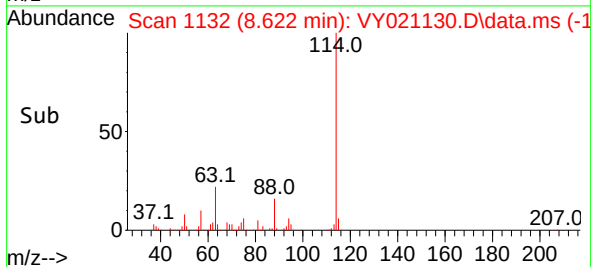
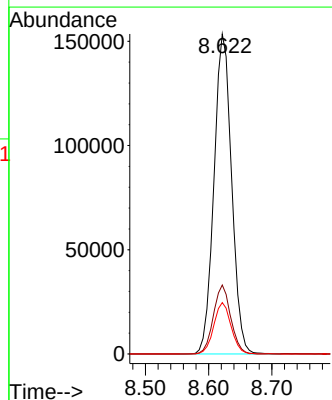
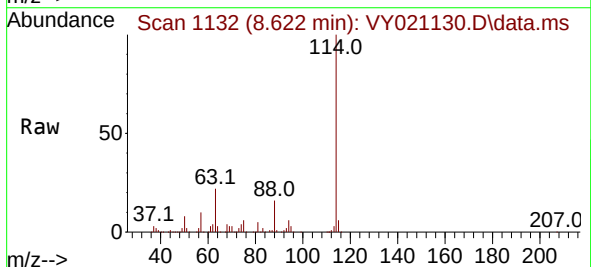
Tgt Ion: 114 Resp: 297405

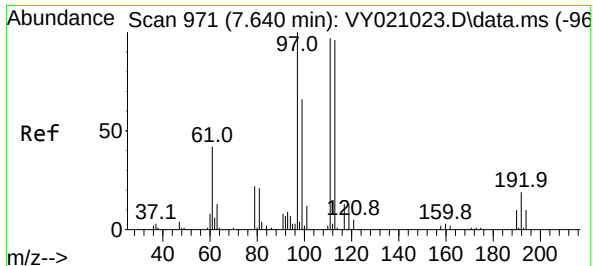
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 16.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.981 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

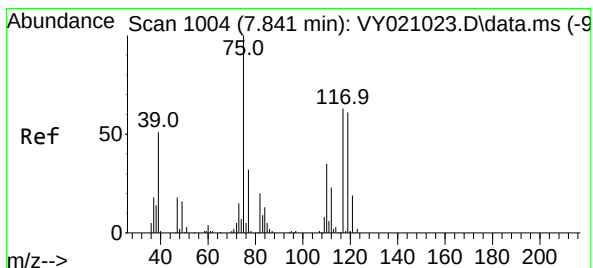
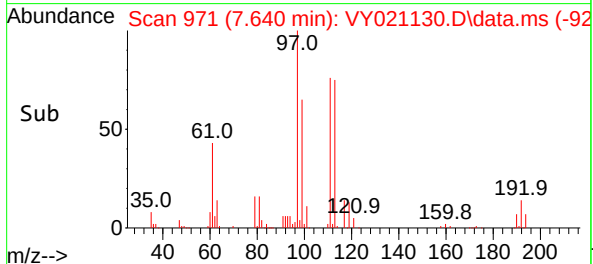
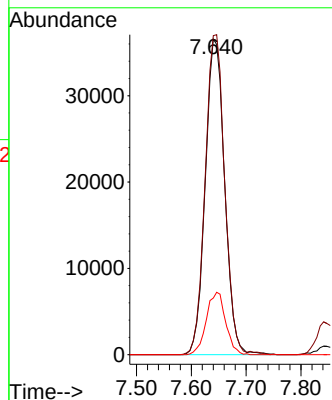
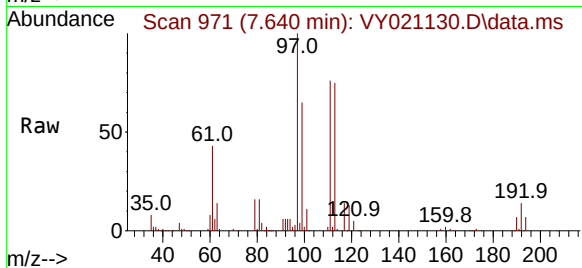
Tgt Ion:113 Resp: 89545

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 19.7 14.5 21.7



#36

1,1-Dichloropropene

Concen: 49.603 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

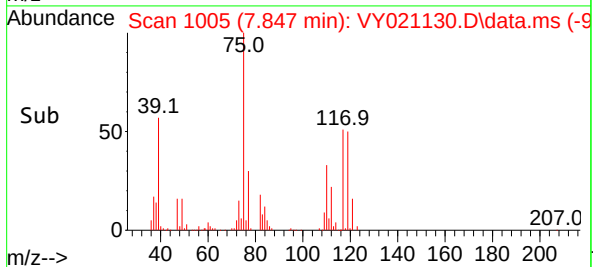
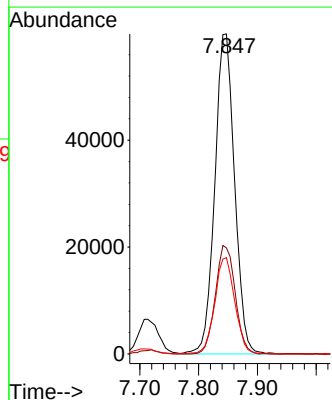
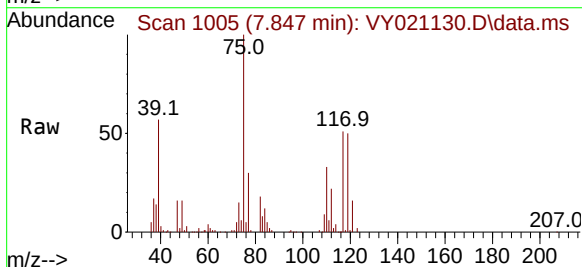
Tgt Ion: 75 Resp: 140035

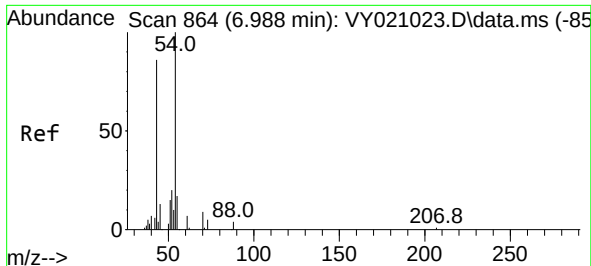
Ion Ratio Lower Upper

75 100

110 33.9 17.4 52.3

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 53.304 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

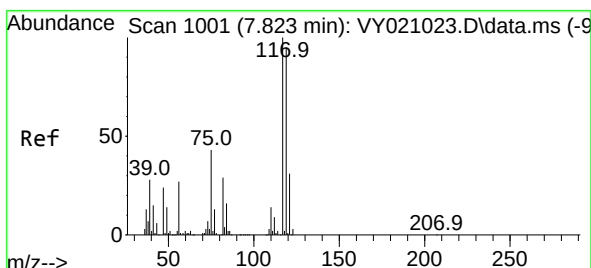
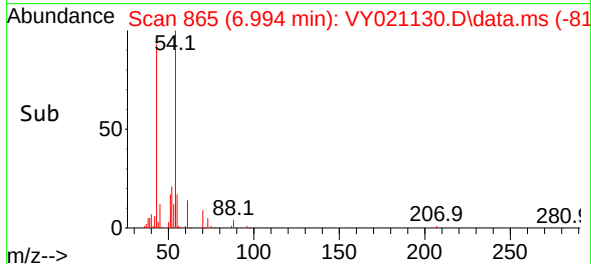
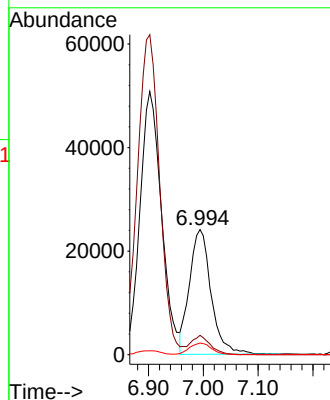
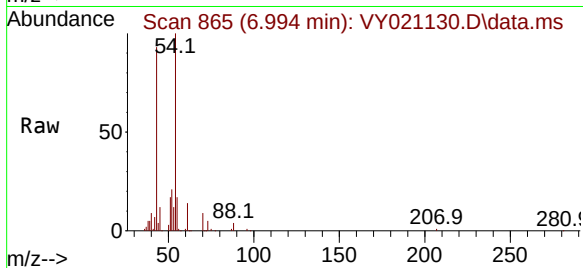
Tgt Ion: 43 Resp: 66015

Ion Ratio Lower Upper

43 100

61 13.2 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.650 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

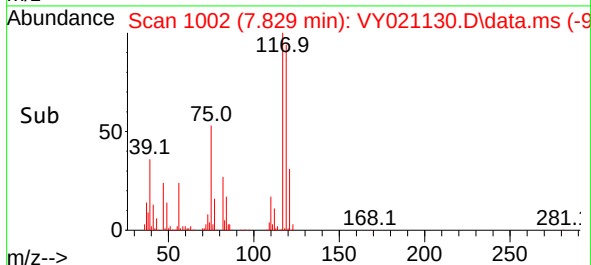
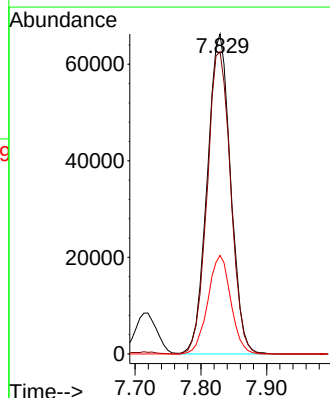
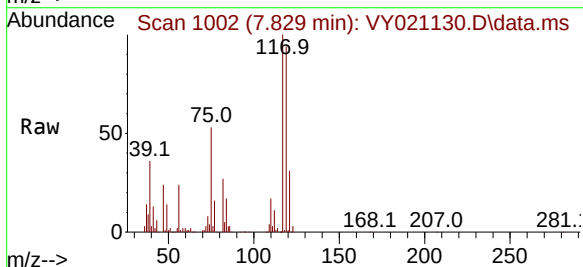
Tgt Ion: 117 Resp: 163777

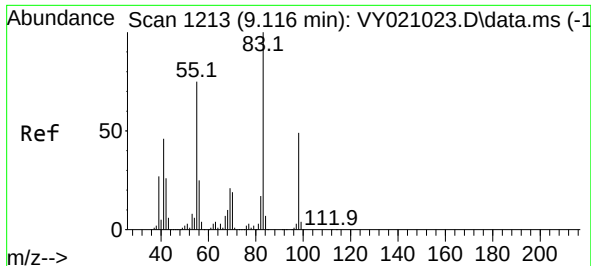
Ion Ratio Lower Upper

117 100

119 94.4 76.0 114.0

121 30.8 24.2 36.2





#39

Methylcyclohexane

Concen: 50.822 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

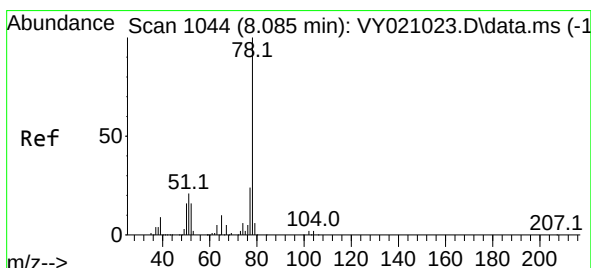
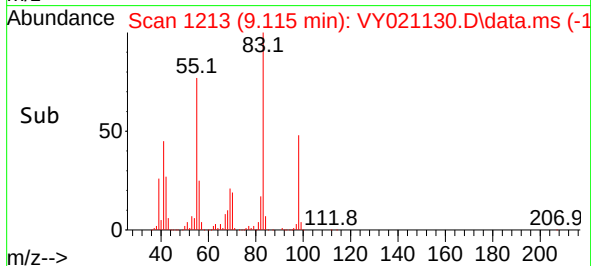
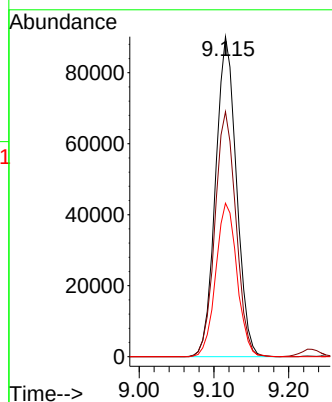
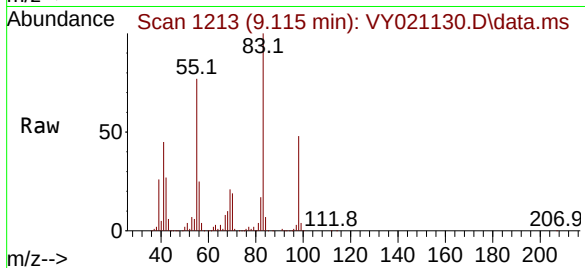
Tgt Ion: 83 Resp: 175495

Ion Ratio Lower Upper

83 100

55 76.6 59.7 89.5

98 47.9 38.0 57.0



#40

Benzene

Concen: 49.802 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021130.D

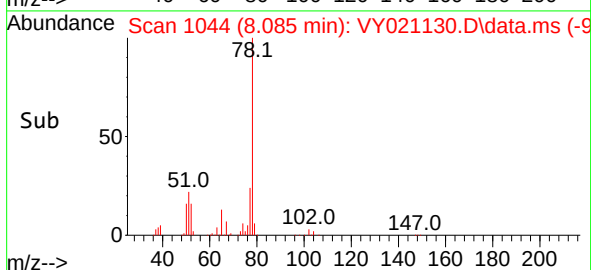
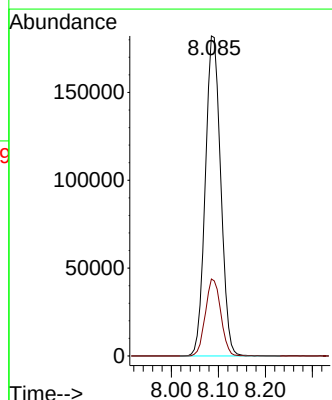
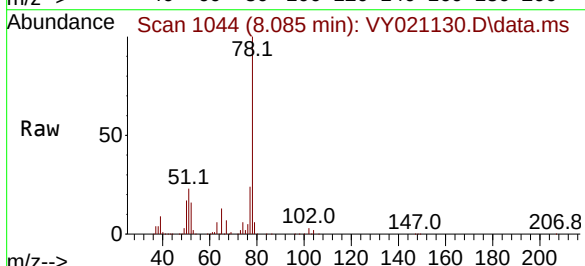
Acq: 07 Feb 2025 09:31

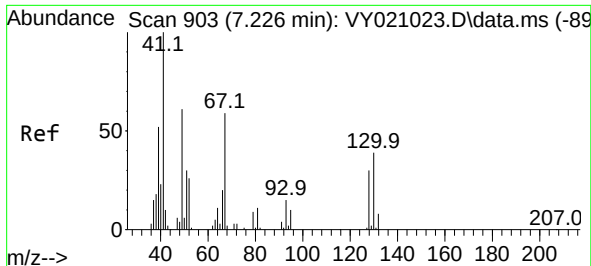
Tgt Ion: 78 Resp: 412595

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



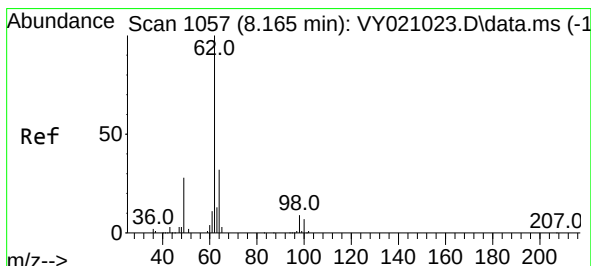
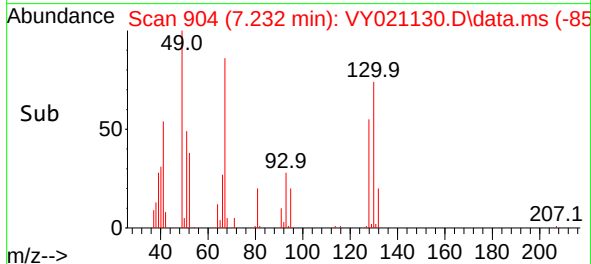
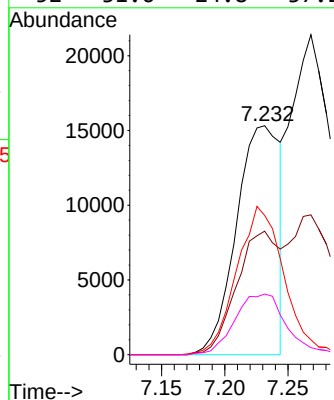
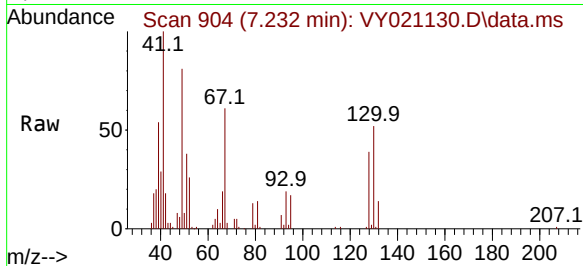


#41
Methacrylonitrile
Concen: 51.388 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 36819

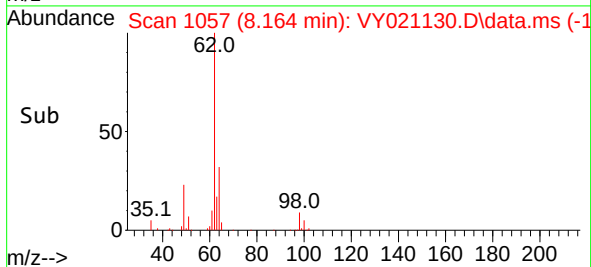
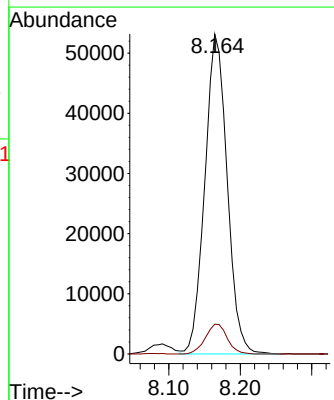
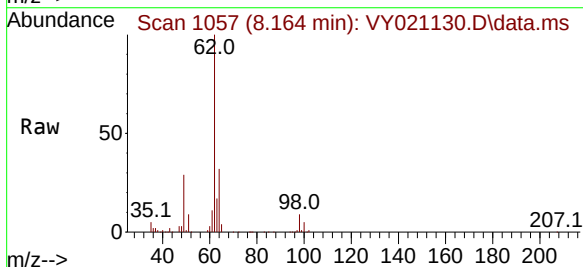
Ion	Ratio	Lower	Upper
41	100		
39	52.4	41.9	62.9
67	70.1	59.8	89.6
52	31.6	24.8	37.2

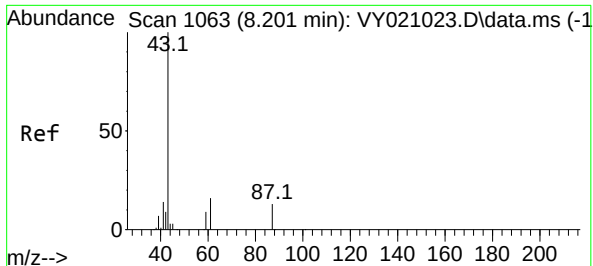


#42
1,2-Dichloroethane
Concen: 50.209 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 62 Resp: 115389

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

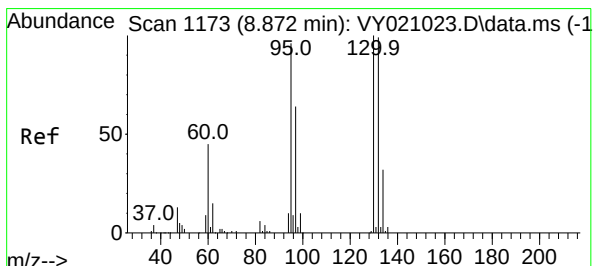
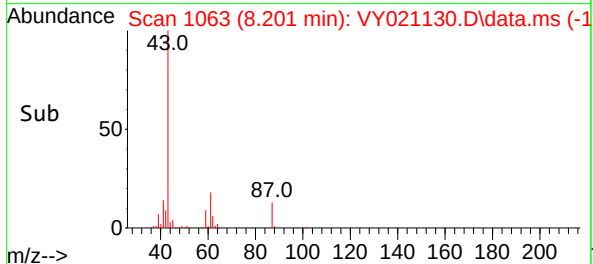
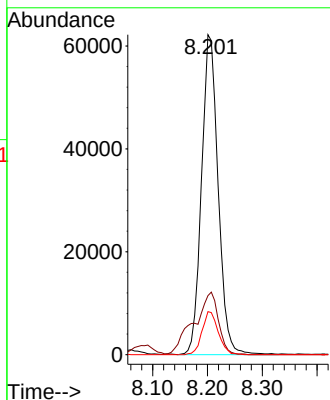
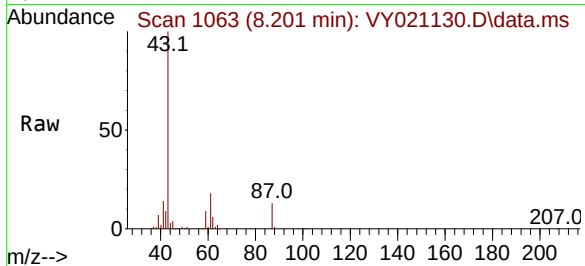




#43
Isopropyl Acetate
Concen: 53.202 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

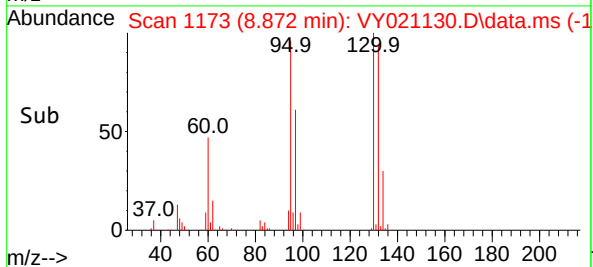
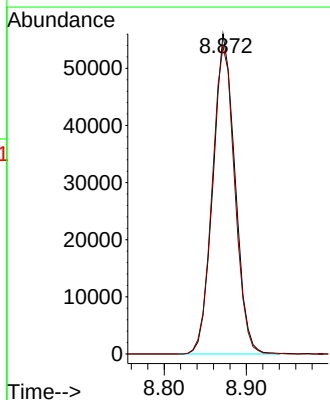
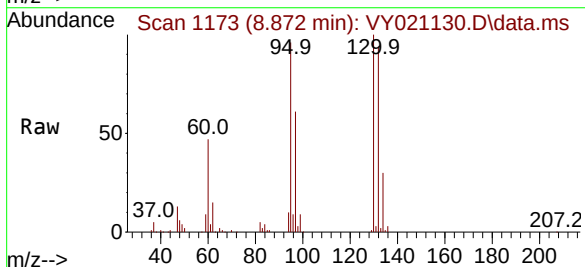
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

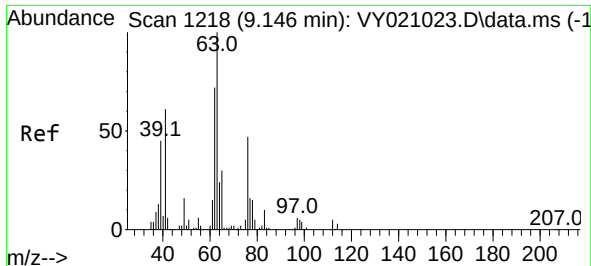
Tgt Ion: 43 Resp: 130921
Ion Ratio Lower Upper
43 100
61 29.0 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 48.766 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:130 Resp: 104381
Ion Ratio Lower Upper
130 100
95 96.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 50.274 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

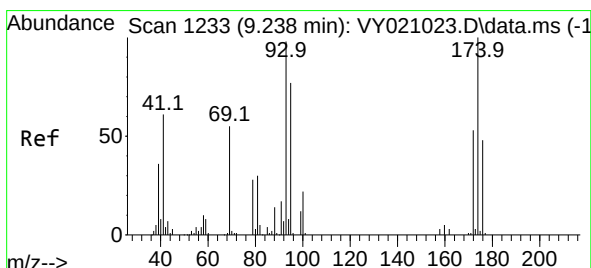
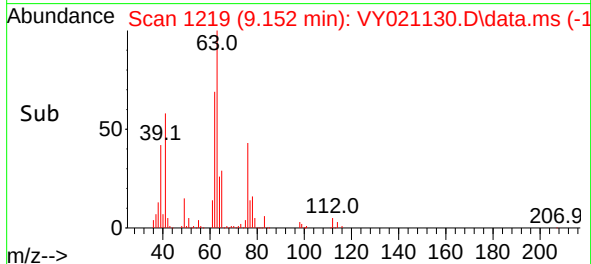
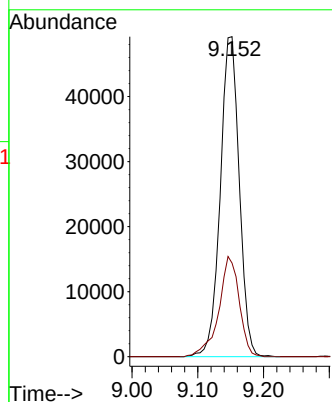
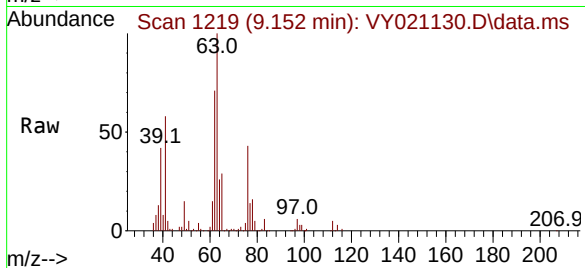
VSTDCCC050

Tgt Ion: 63 Resp: 98859

Ion Ratio Lower Upper

63 100

65 29.2 24.6 36.8



#46

Dibromomethane

Concen: 49.771 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

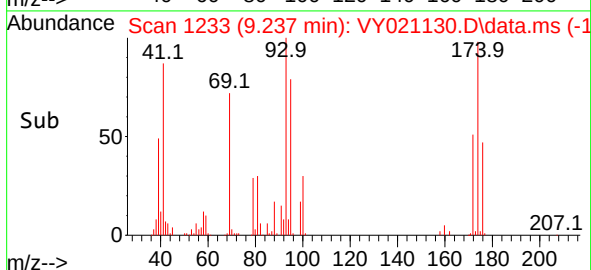
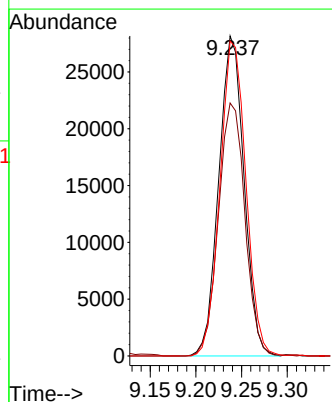
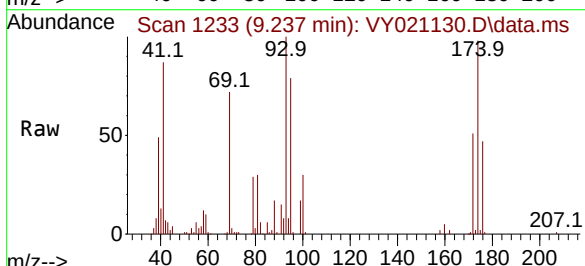
Tgt Ion: 93 Resp: 54188

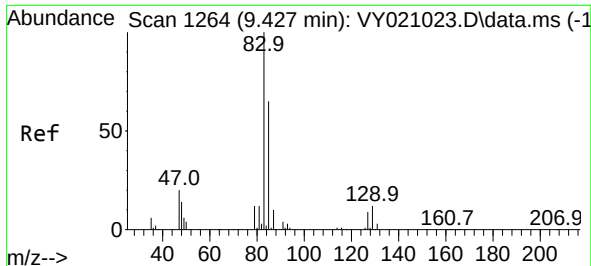
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 100.9 73.8 110.6

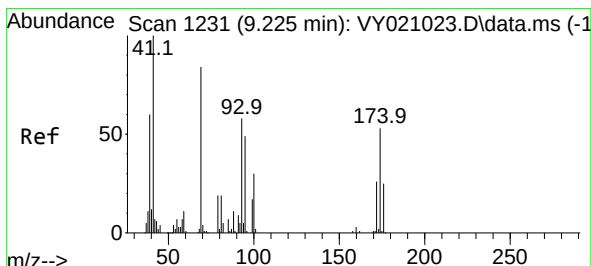
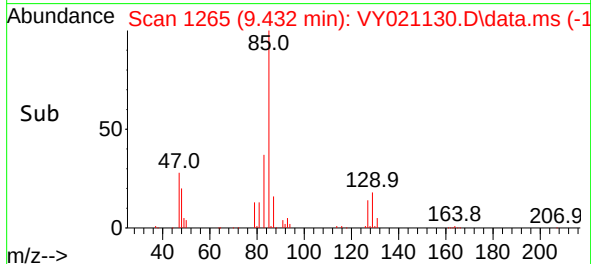
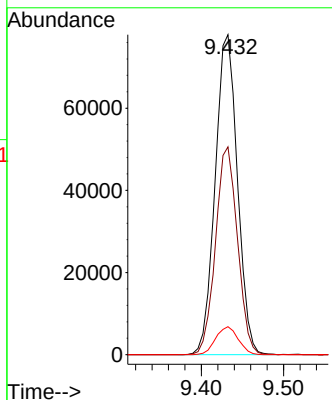
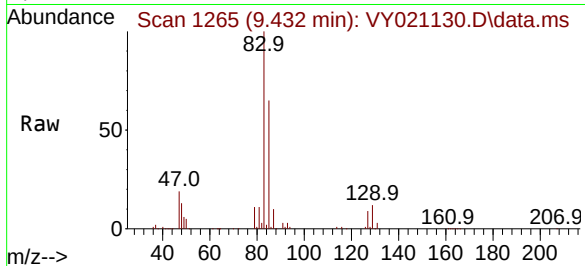




#47
Bromodichloromethane
Concen: 50.187 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

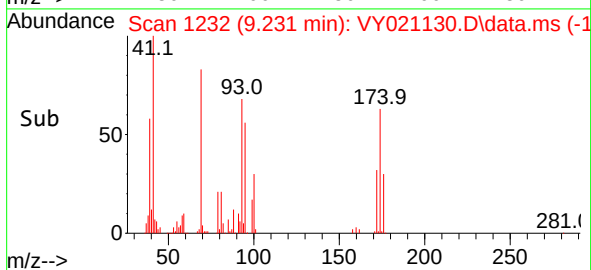
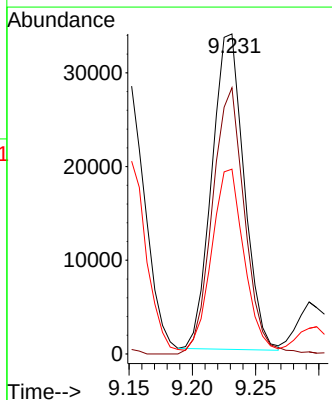
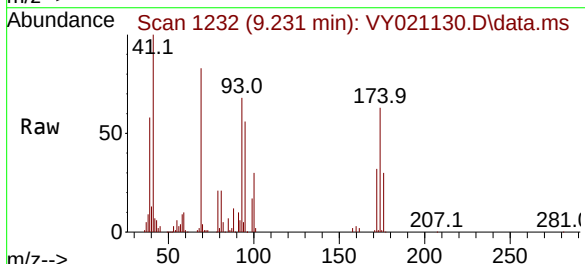
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

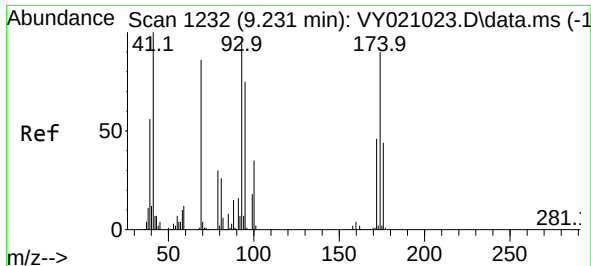
Tgt Ion: 83 Resp: 146544
Ion Ratio Lower Upper
83 100
85 65.0 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 53.316 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 41 Resp: 59763
Ion Ratio Lower Upper
41 100
69 84.6 72.1 108.1
39 57.3 42.8 64.2





#49

1,4-Dioxane

Concen: 1103.757 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

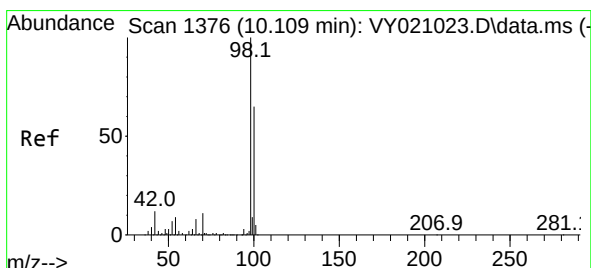
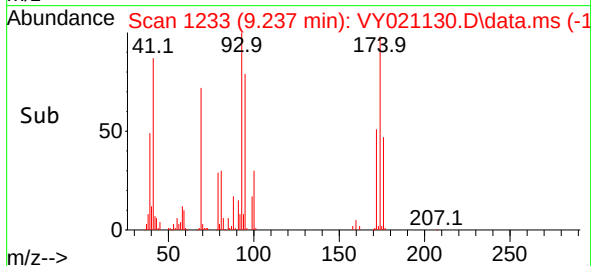
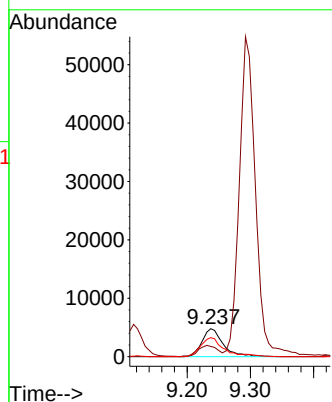
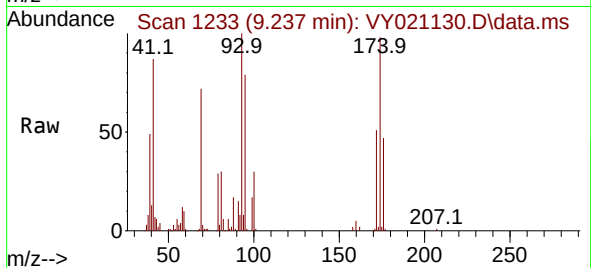
Tgt Ion: 88 Resp: 11187

Ion Ratio Lower Upper

88 100

43 36.2 28.2 42.4

58 69.6 52.2 78.2



#50

Toluene-d8

Concen: 46.484 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021130.D

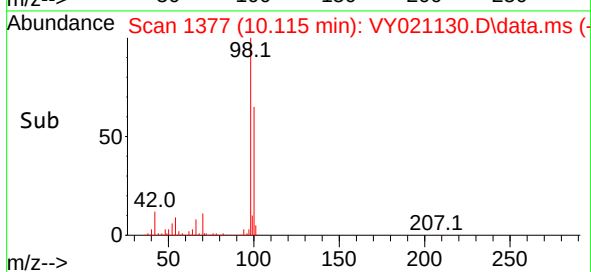
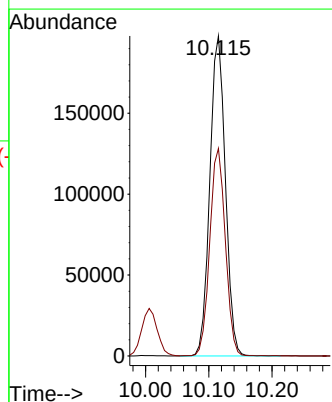
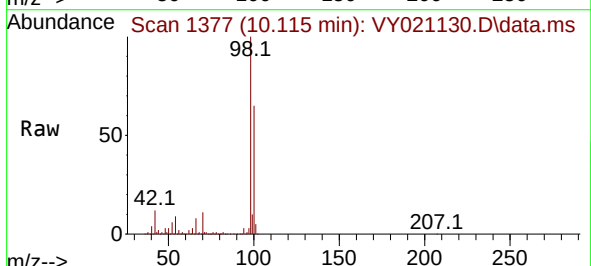
Acq: 07 Feb 2025 09:31

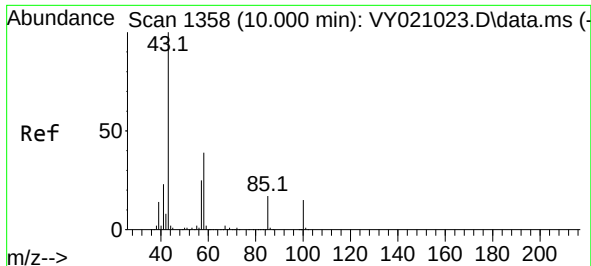
Tgt Ion: 98 Resp: 337295

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

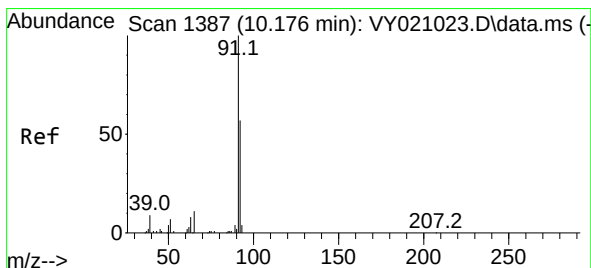
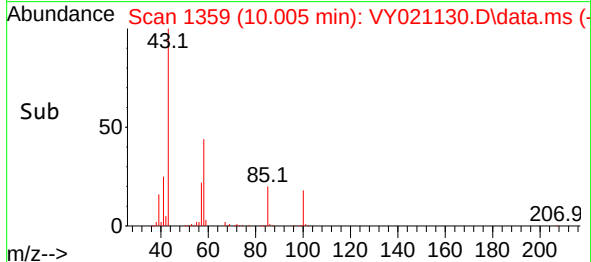
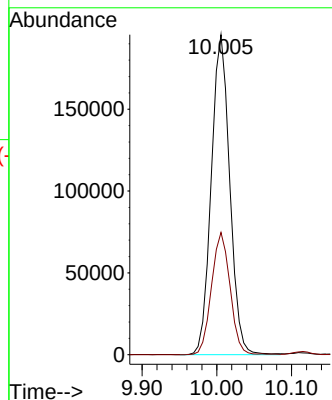
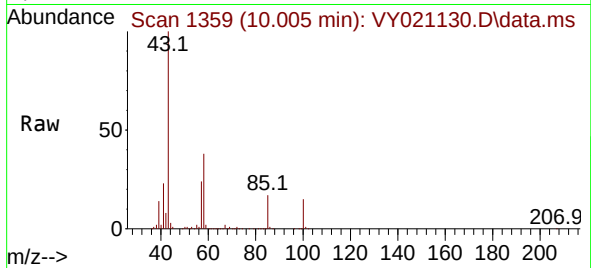




#51
4-Methyl-2-Pentanone
Concen: 271.225 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

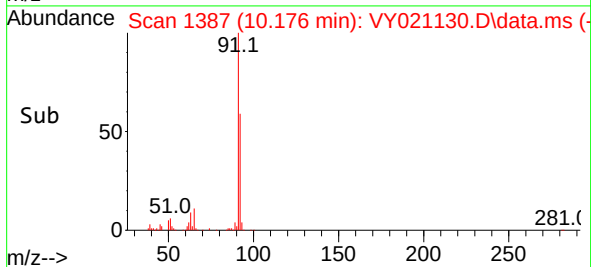
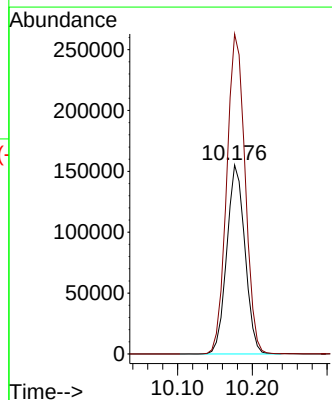
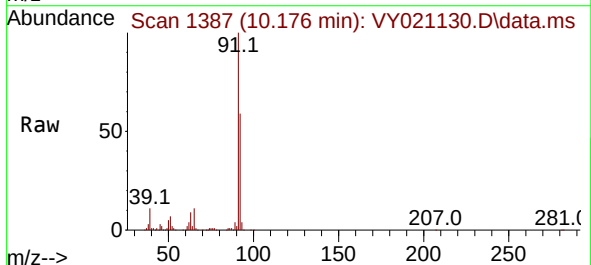
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

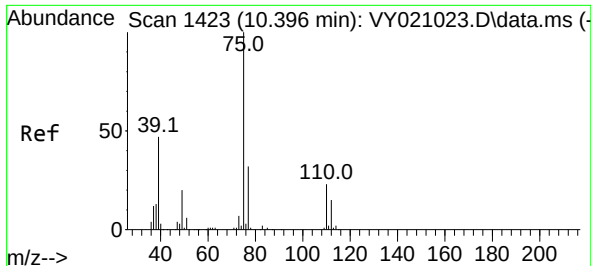
Tgt Ion: 43 Resp: 335635
Ion Ratio Lower Upper
43 100
58 38.3 32.2 48.2



#52
Toluene
Concen: 50.396 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 92 Resp: 262159
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

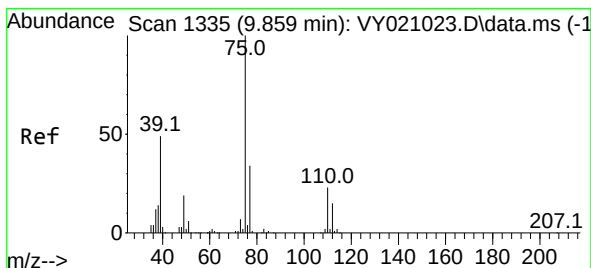
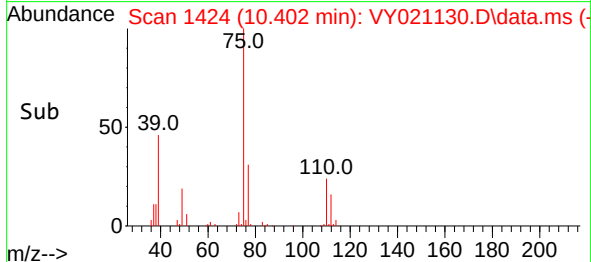
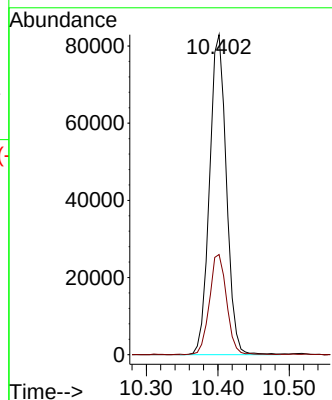
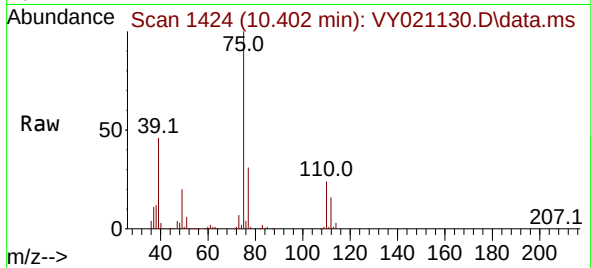




#53
 t-1,3-Dichloropropene
 Concen: 51.853 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

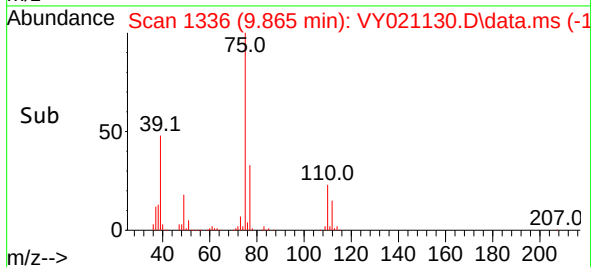
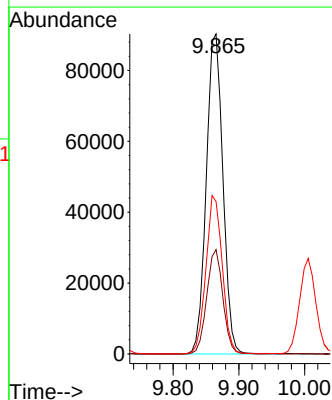
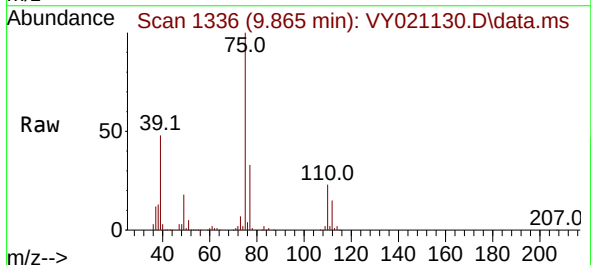
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

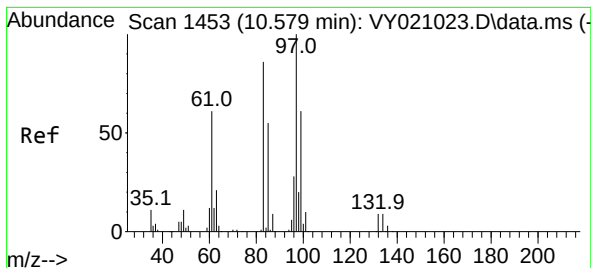
Tgt Ion: 75 Resp: 135953
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.253 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

Tgt Ion: 75 Resp: 159108
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8
 39 47.6 33.6 50.4

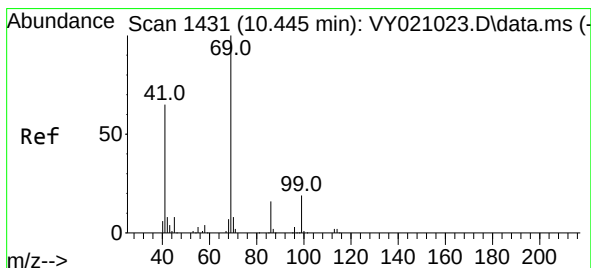
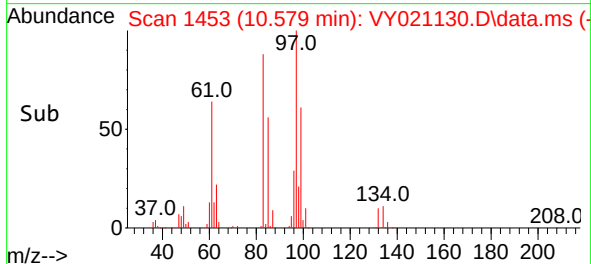
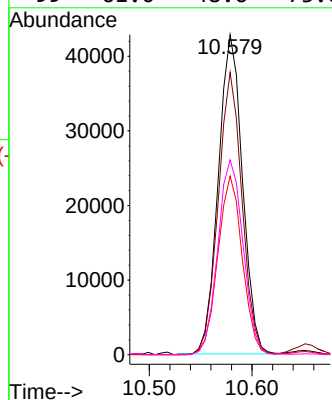
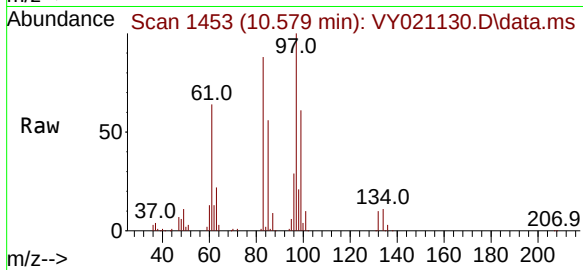




#55
1,1,2-Trichloroethane
Concen: 49.539 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

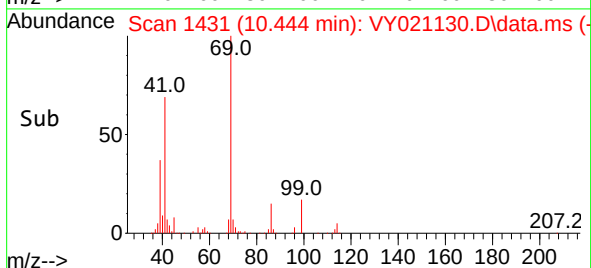
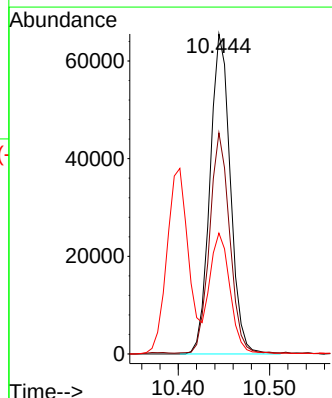
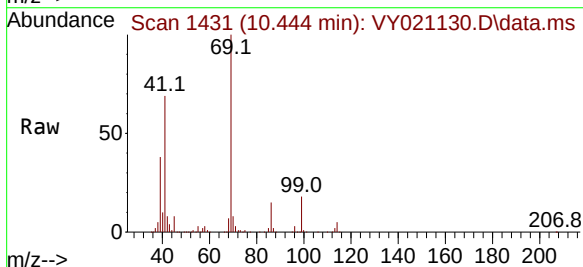
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

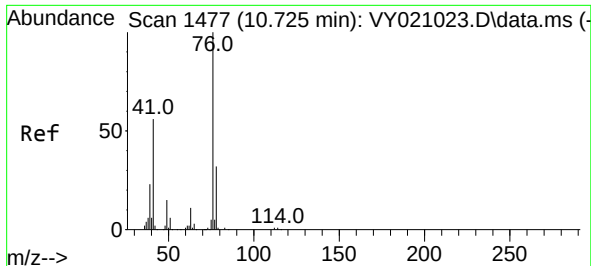
Tgt Ion:	97	Resp:	69843
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.4	104.2
85	56.0	43.9	65.9
99	61.0	48.6	73.0



#56
Ethyl methacrylate
Concen: 53.723 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:	69	Resp:	101325
Ion	Ratio	Lower	Upper
69	100		
41	68.3	49.2	73.8
39	37.1	26.8	40.2





#57

1,3-Dichloropropane

Concen: 51.435 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

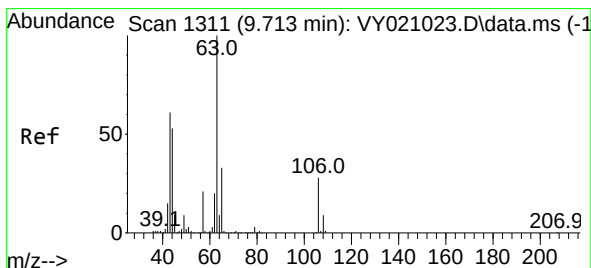
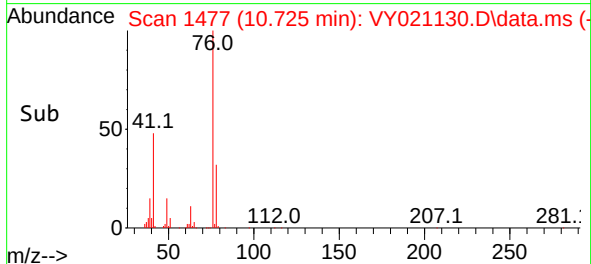
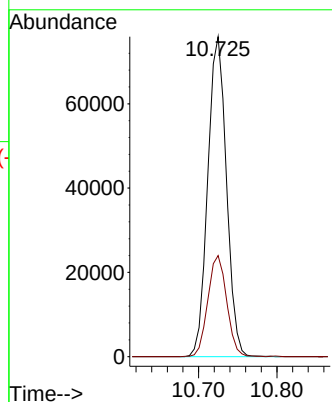
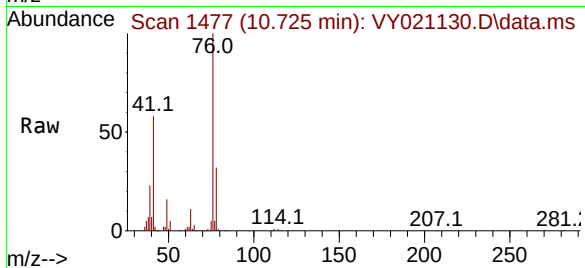
VSTDCCC050

Tgt Ion: 76 Resp: 125517

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.251 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021130.D

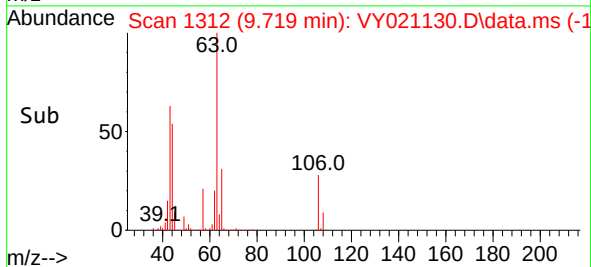
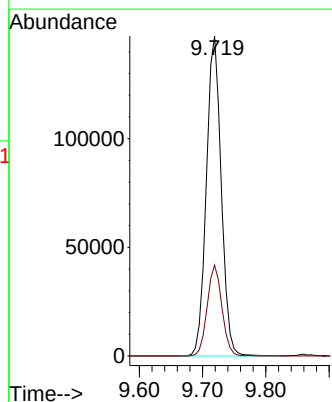
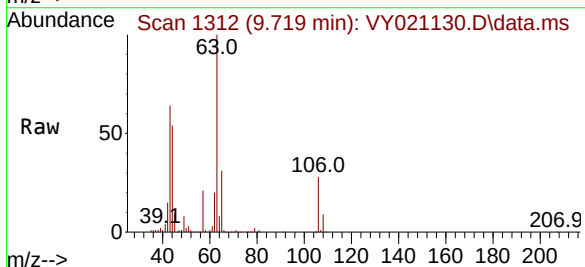
Acq: 07 Feb 2025 09:31

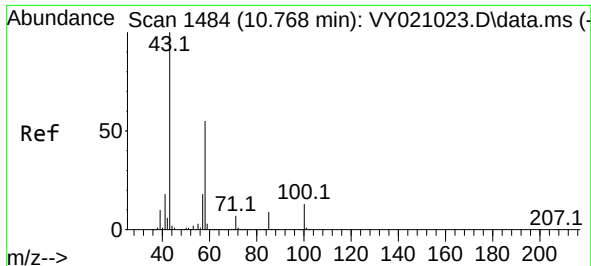
Tgt Ion: 63 Resp: 240699

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6





#59

2-Hexanone

Concen: 278.852 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

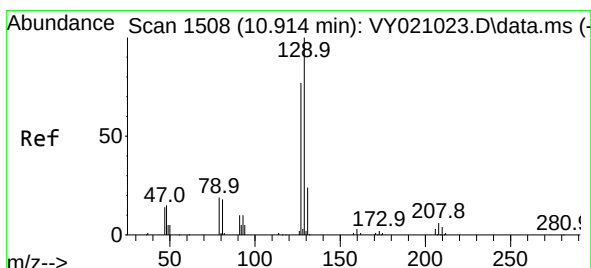
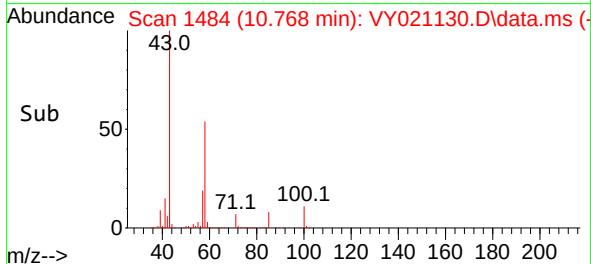
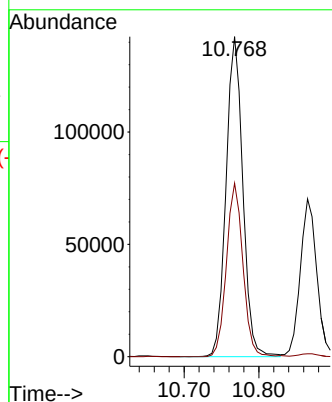
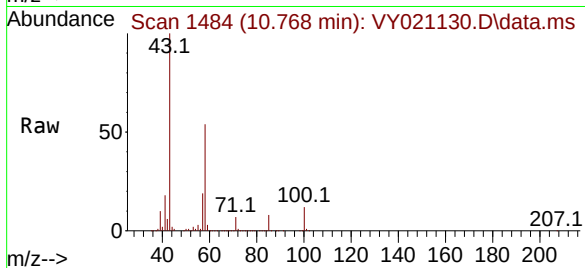
VSTDCCC050

Tgt Ion: 43 Resp: 222179

Ion Ratio Lower Upper

43 100

58 53.3 28.1 84.3



#60

Dibromochloromethane

Concen: 50.301 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY021130.D

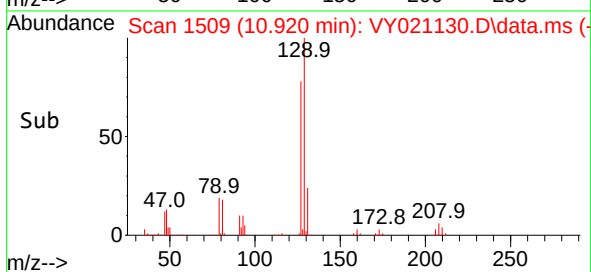
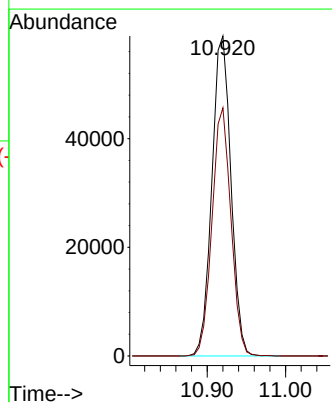
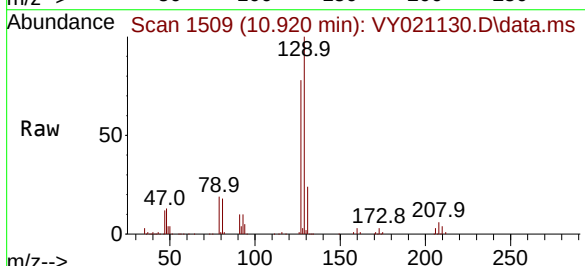
Acq: 07 Feb 2025 09:31

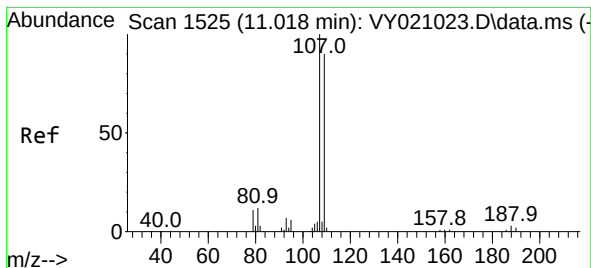
Tgt Ion: 129 Resp: 99592

Ion Ratio Lower Upper

129 100

127 76.9 39.2 117.6

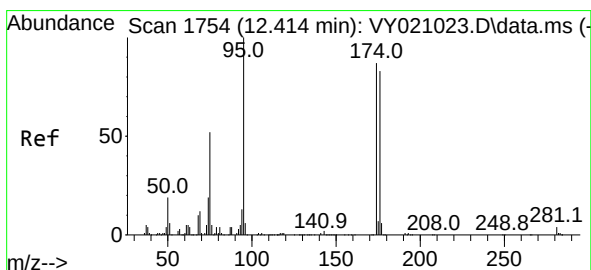
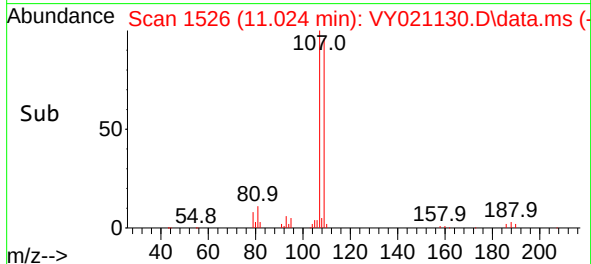
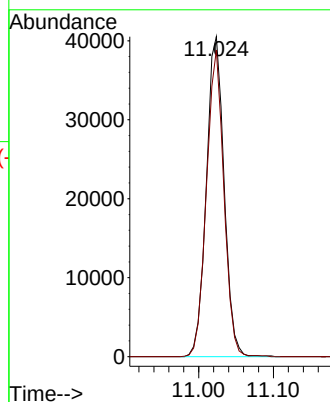
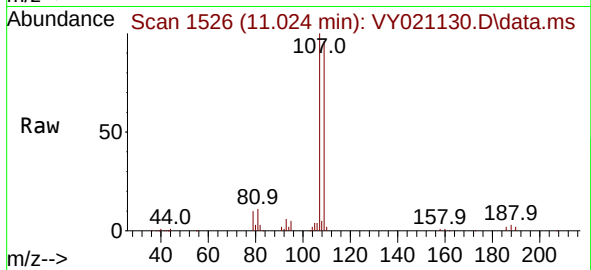




#61
1,2-Dibromoethane
Concen: 50.641 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

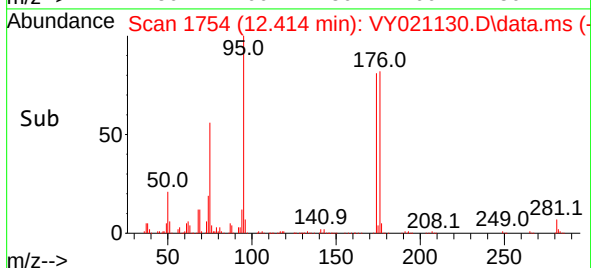
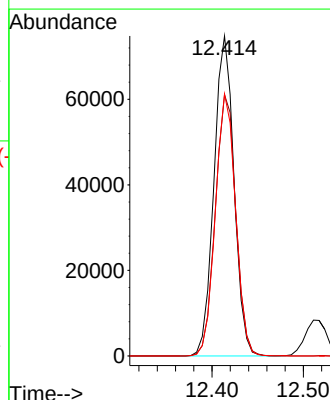
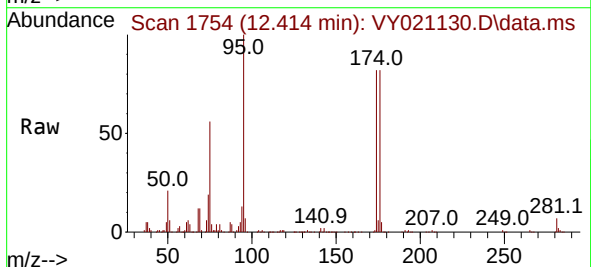
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

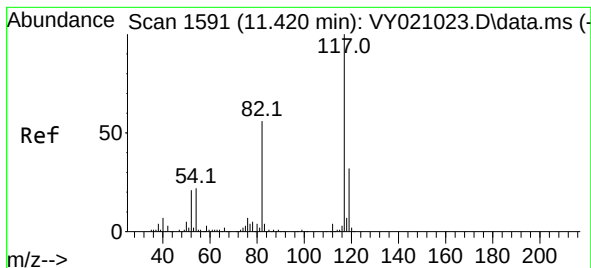
Tgt Ion:107 Resp: 66876
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 95 Resp: 113858
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.0
176 82.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

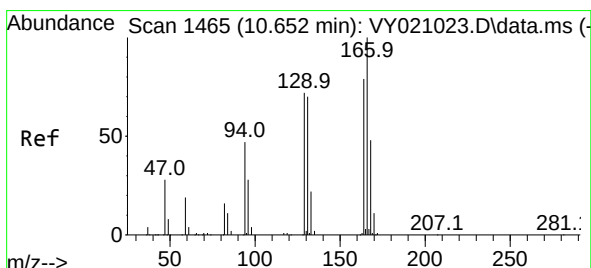
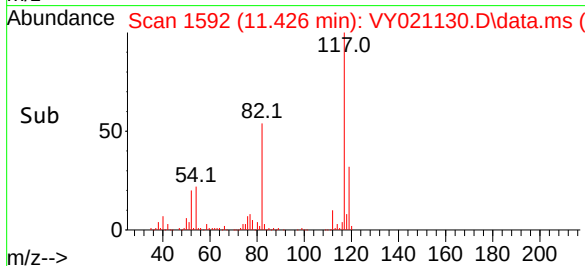
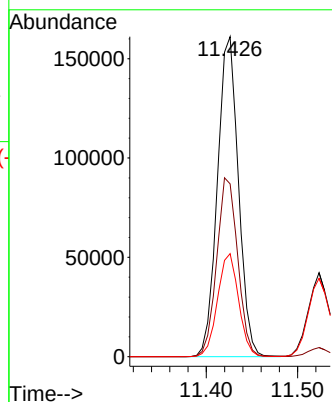
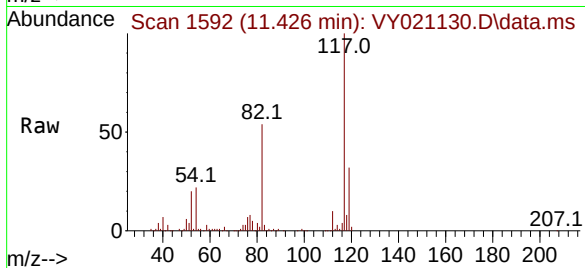
Tgt Ion:117 Resp: 257416

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 48.216 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Tgt Ion:164 Resp: 92137

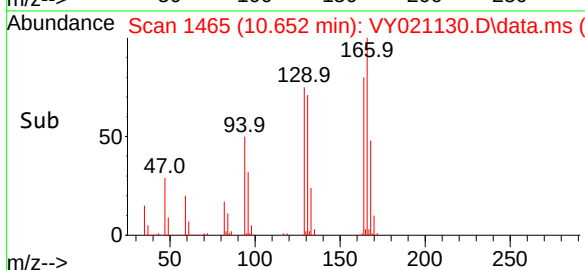
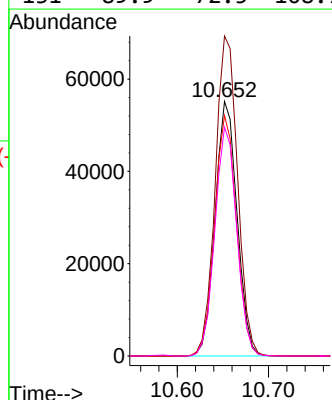
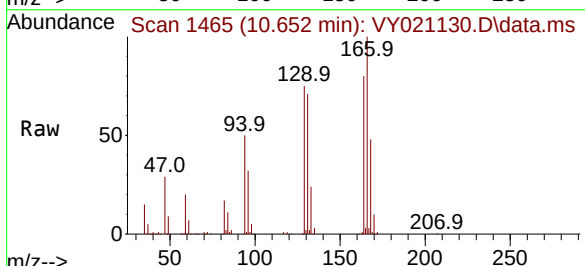
Ion Ratio Lower Upper

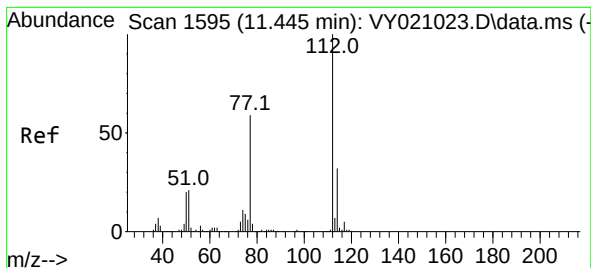
164 100

166 125.7 98.8 148.2

129 94.5 78.9 118.3

131 89.9 72.5 108.7





#65

Chlorobenzene

Concen: 49.239 ug/l

RT: 11.450 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

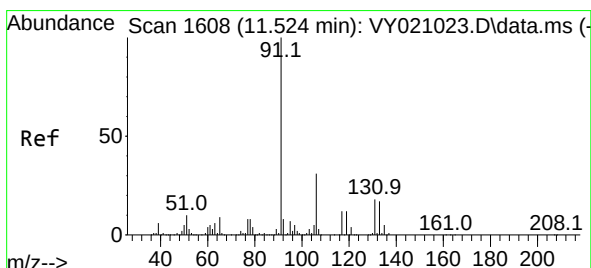
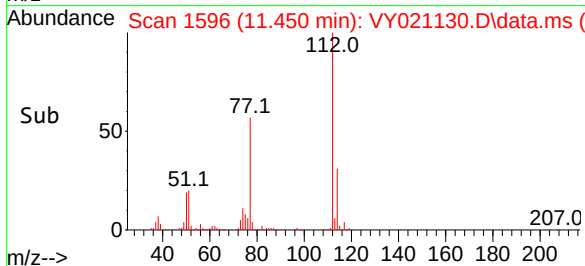
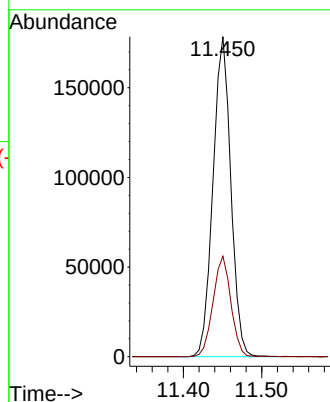
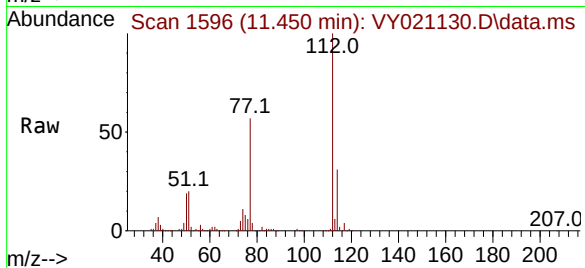
VSTDCCC050

Tgt Ion:112 Resp: 282230

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 48.814 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

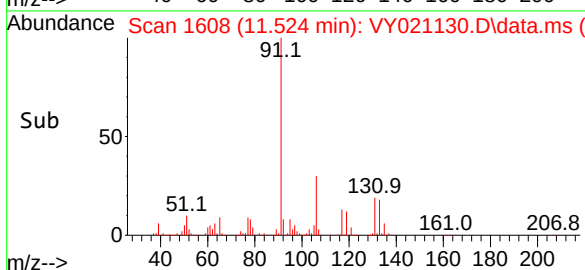
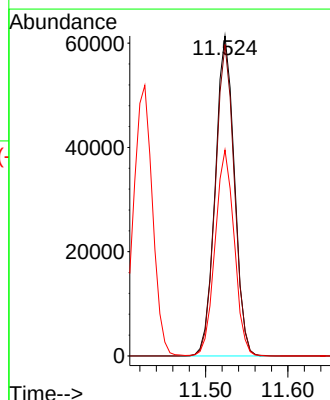
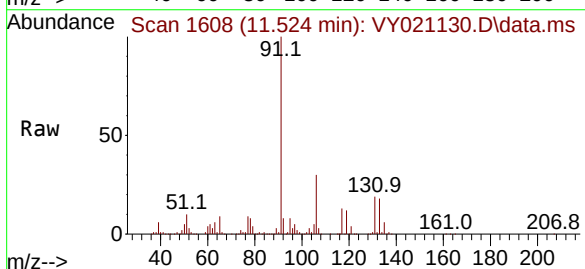
Tgt Ion:131 Resp: 99431

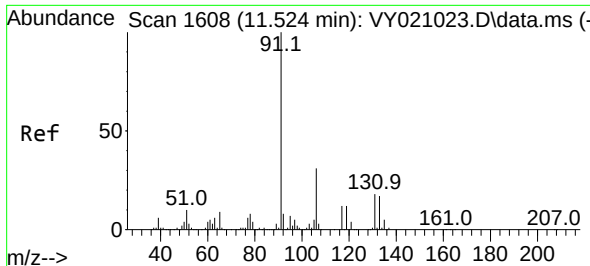
Ion Ratio Lower Upper

131 100

133 96.4 47.0 141.0

119 64.2 33.3 99.9

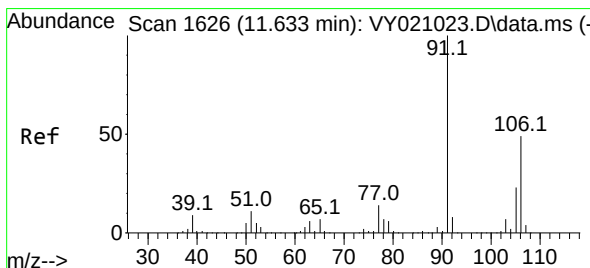
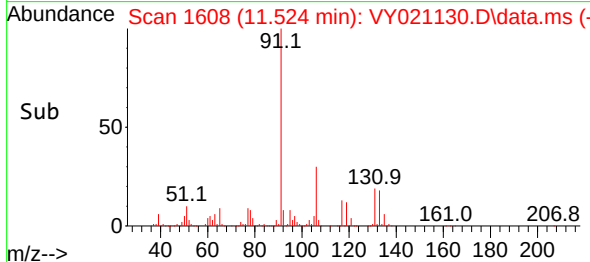
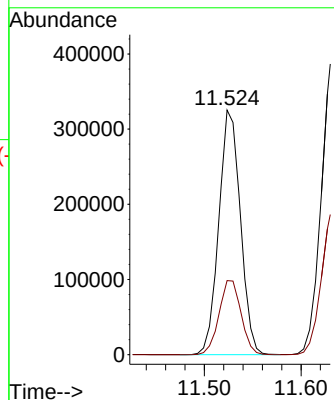
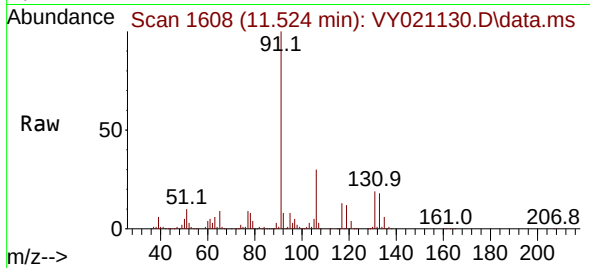




#67
Ethyl Benzene
Concen: 49.699 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

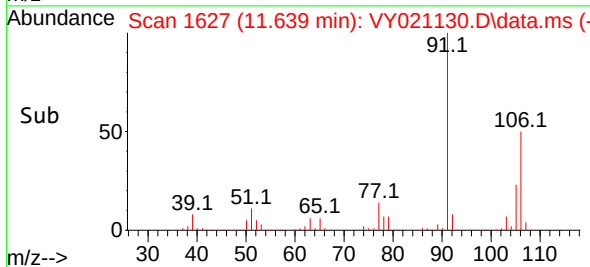
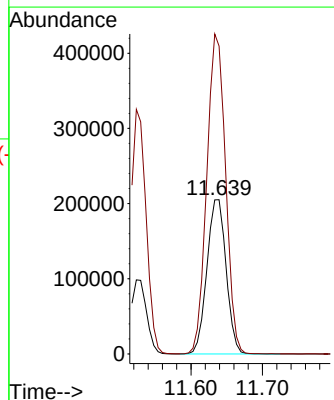
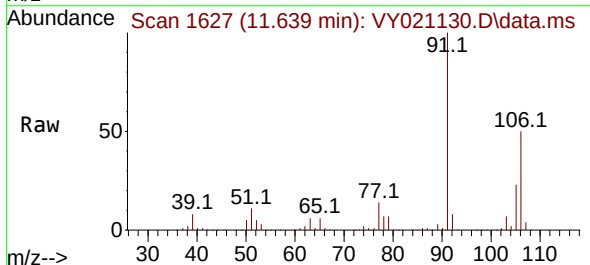
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

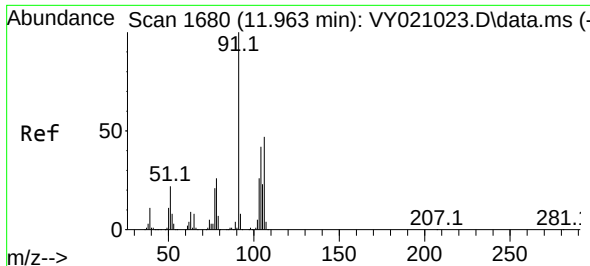
Tgt Ion: 91 Resp: 503852
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4



#68
m/p-Xylenes
Concen: 100.832 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:106 Resp: 382420
Ion Ratio Lower Upper
106 100
91 203.0 160.7 241.1

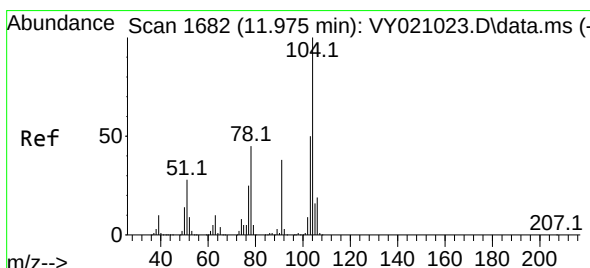
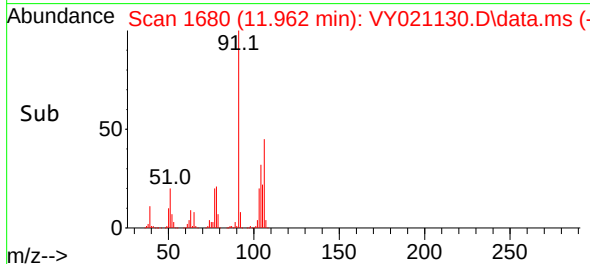
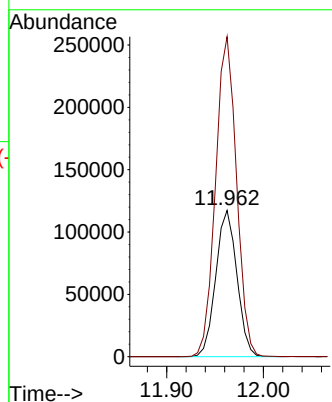
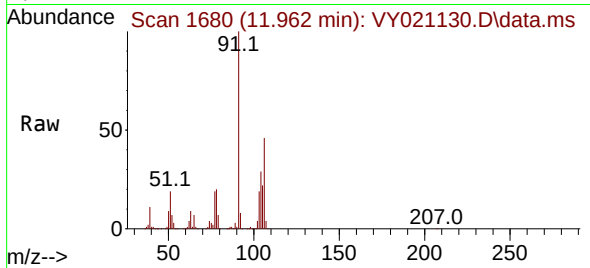




#69
o-Xylene
Concen: 50.328 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

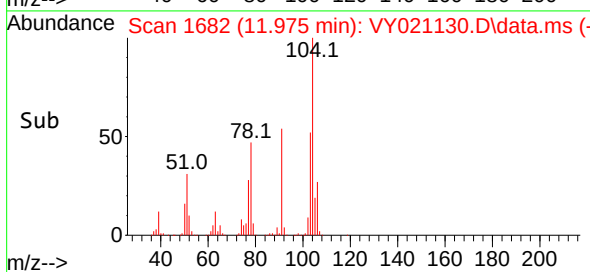
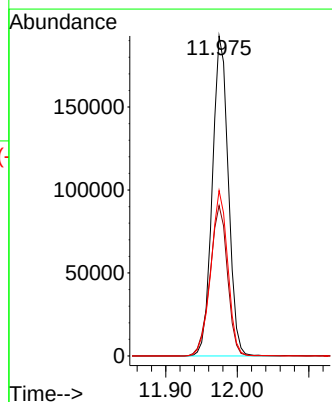
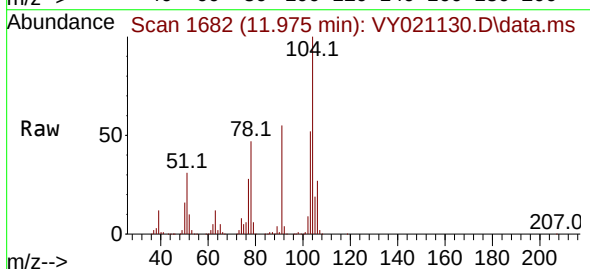
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

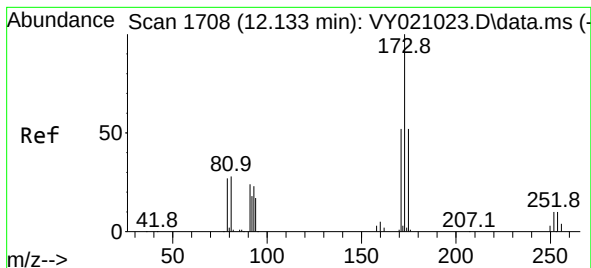
Tgt Ion:106 Resp: 177959
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.5



#70
Styrene
Concen: 50.792 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:104 Resp: 299339
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 50.611 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

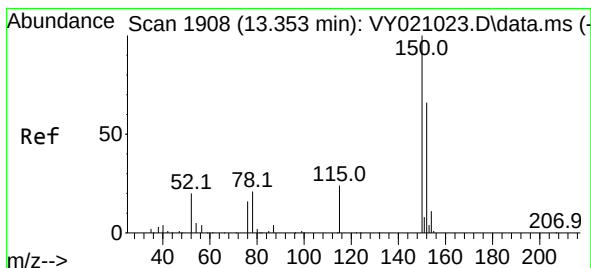
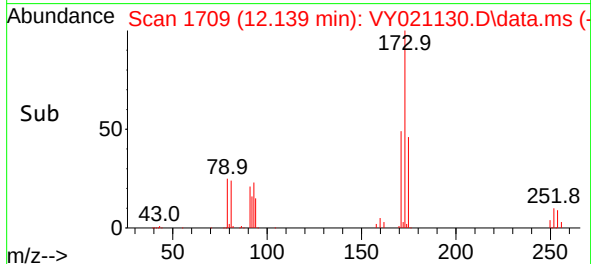
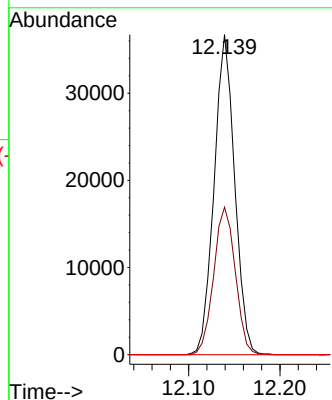
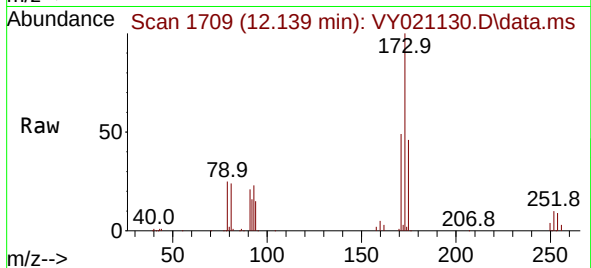
Tgt Ion:173 Resp: 57383

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

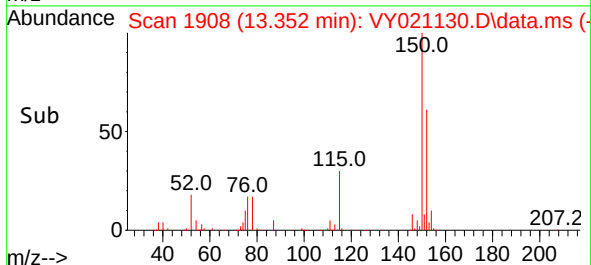
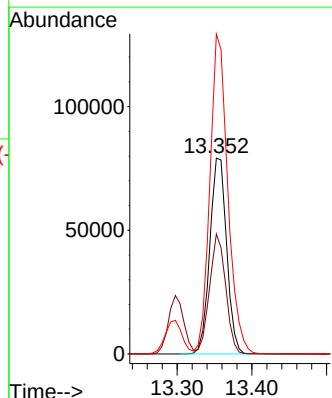
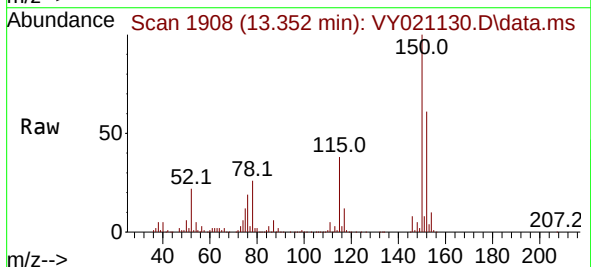
Tgt Ion:152 Resp: 124211

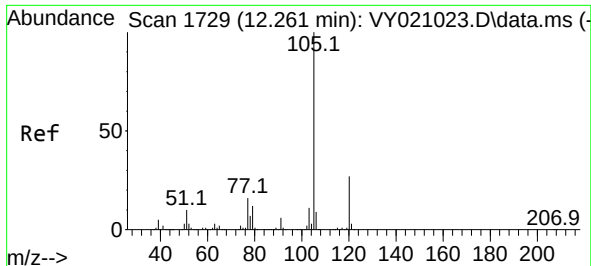
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 173.0 0.0 344.6

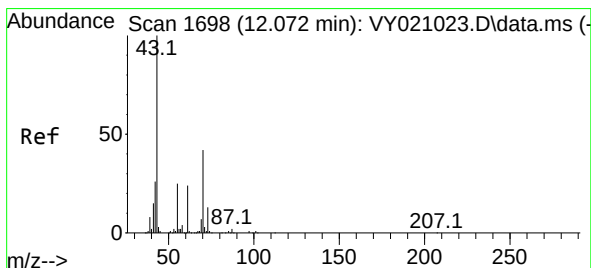
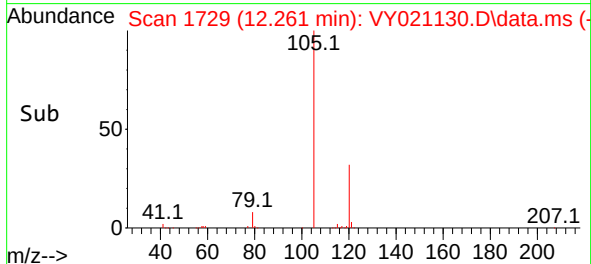
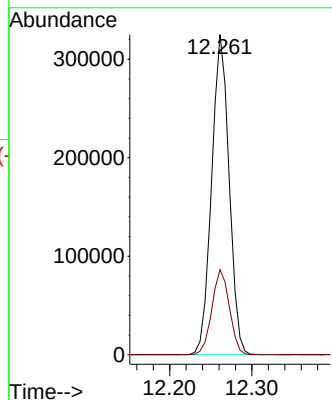
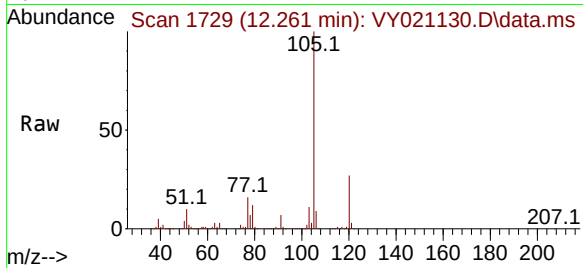




#73
Isopropylbenzene
Concen: 49.395 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

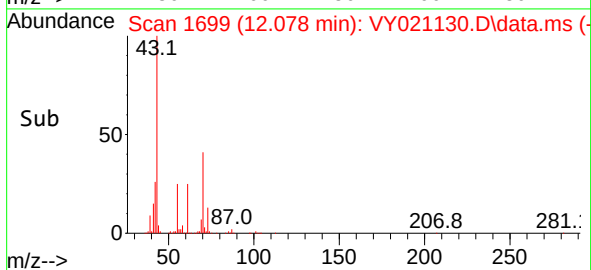
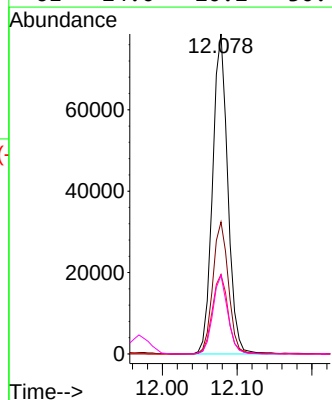
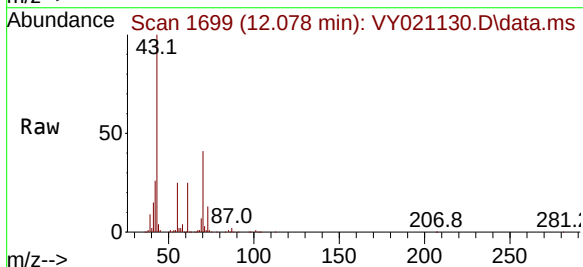
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

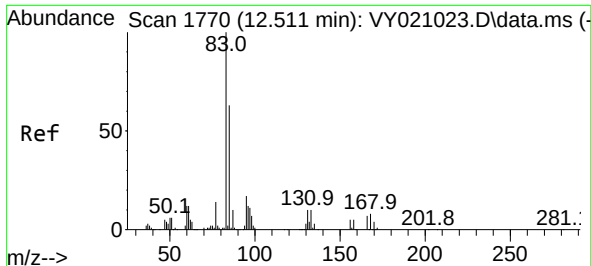
Tgt Ion:105 Resp: 479265
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0



#74
N-ethyl acetate
Concen: 52.442 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 43 Resp: 111245
Ion Ratio Lower Upper
43 100
70 42.3 36.6 55.0
55 25.9 22.2 33.4
61 24.0 20.2 30.4

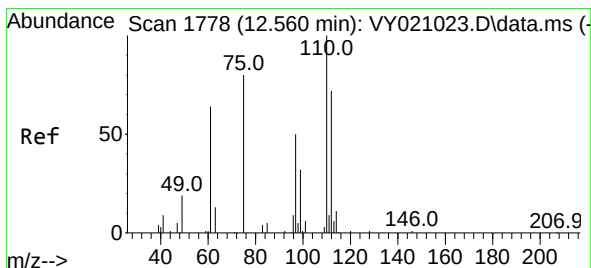
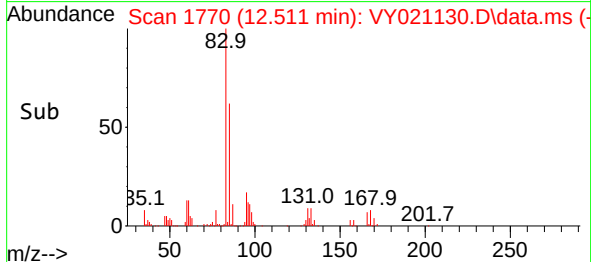
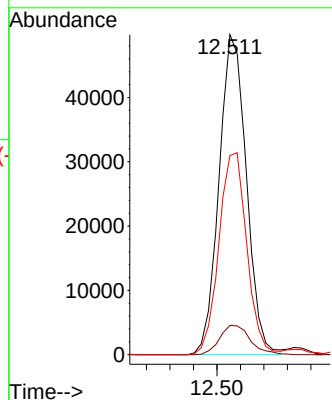
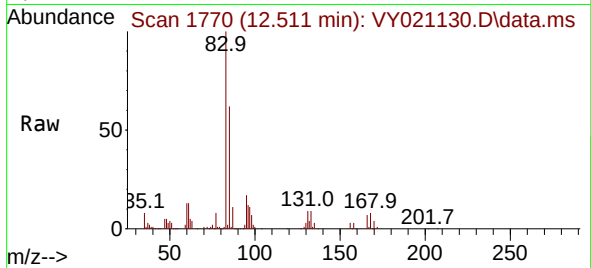




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.837 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

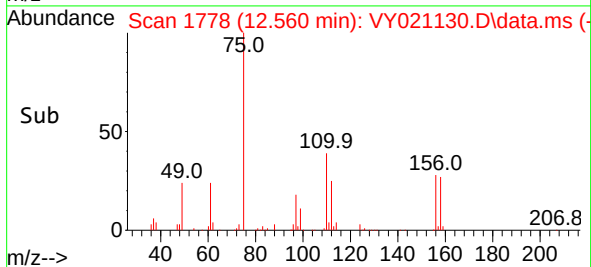
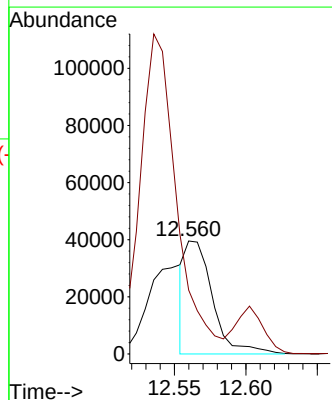
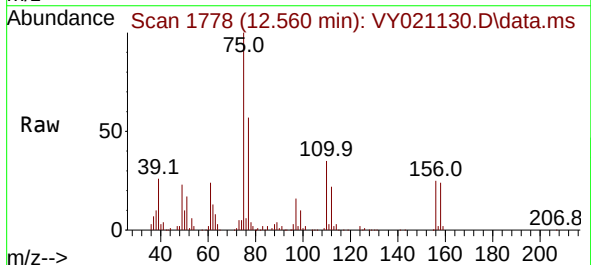
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

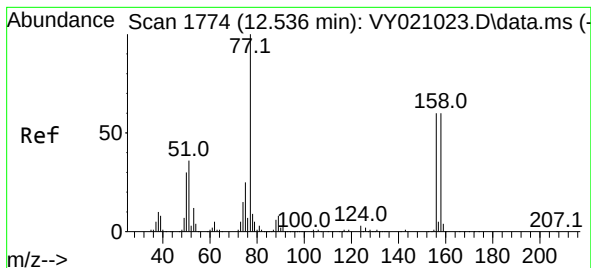
Tgt Ion: 83 Resp: 80421
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.6
 85 64.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 46.751 ug/l m
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

Tgt Ion: 75 Resp: 52676
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.648 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

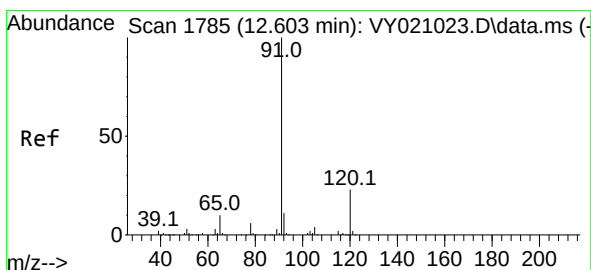
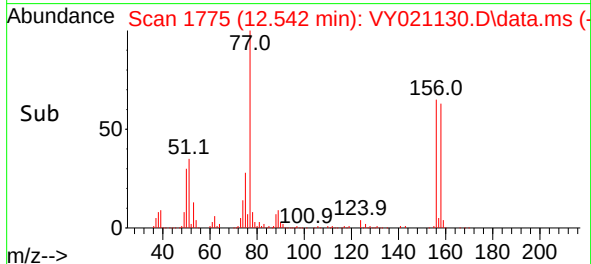
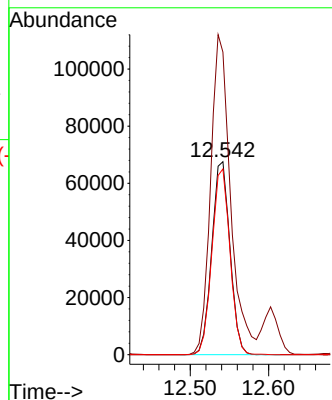
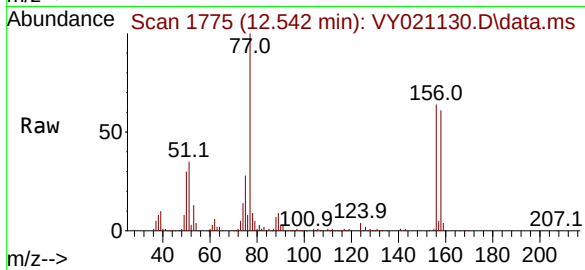
Tgt Ion:156 Resp: 108924

Ion Ratio Lower Upper

156 100

77 182.0 97.3 291.8

158 95.8 48.4 145.0



#78

n-propylbenzene

Concen: 50.129 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021130.D

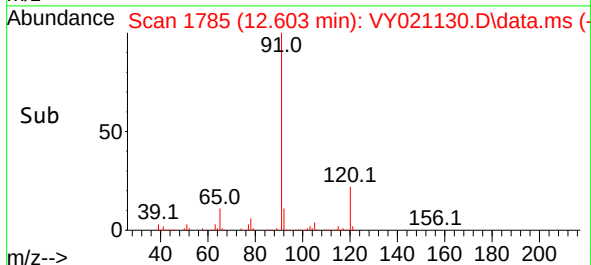
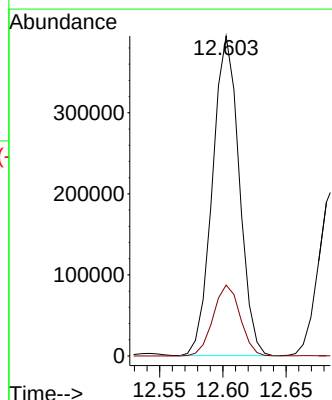
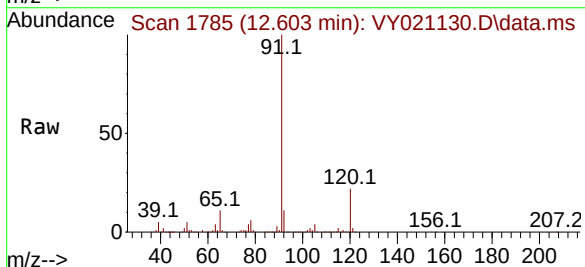
Acq: 07 Feb 2025 09:31

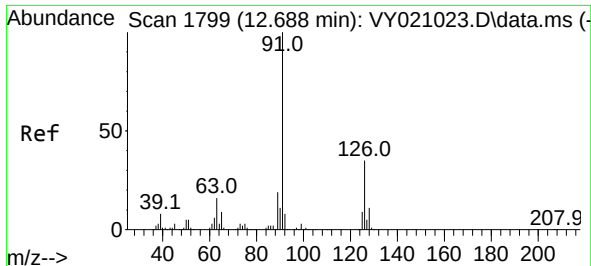
Tgt Ion: 91 Resp: 579395

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

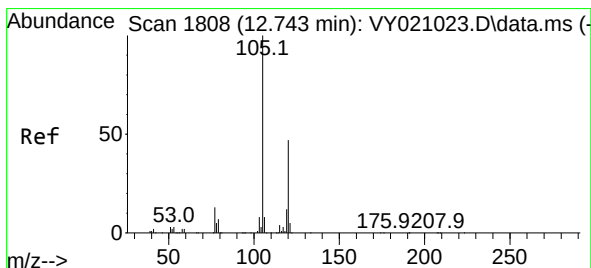
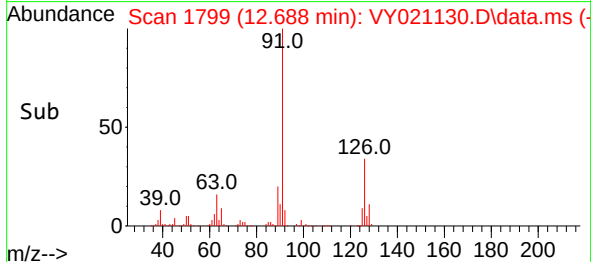
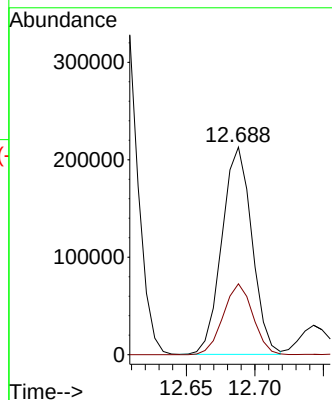
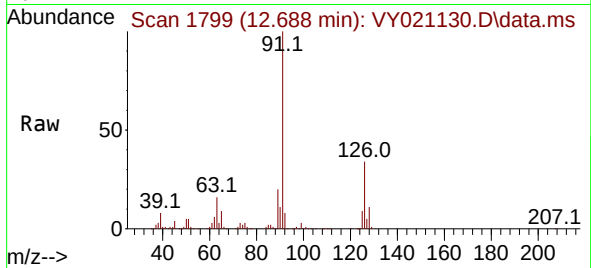




#79
2-Chlorotoluene
Concen: 49.070 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

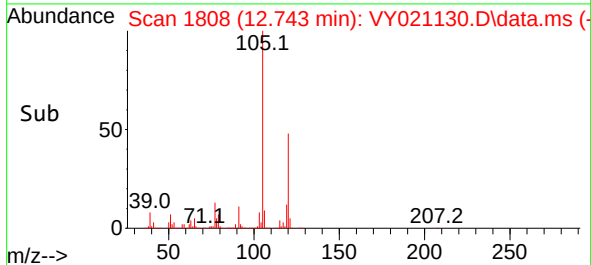
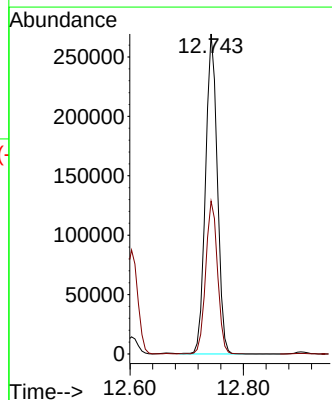
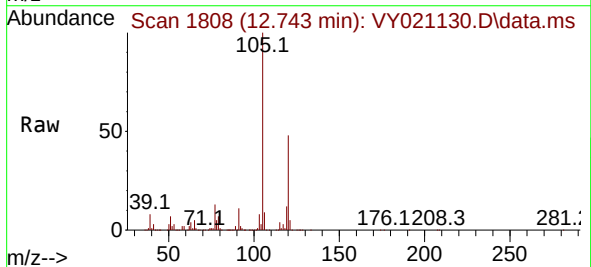
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

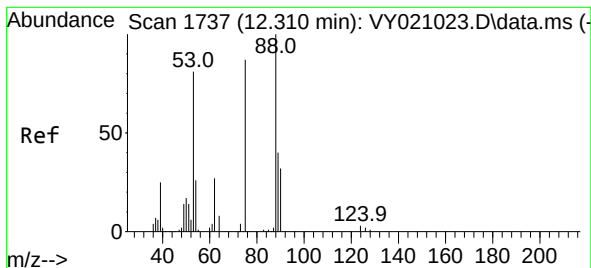
Tgt Ion: 91 Resp: 324838
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.554 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 105 Resp: 389821
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8

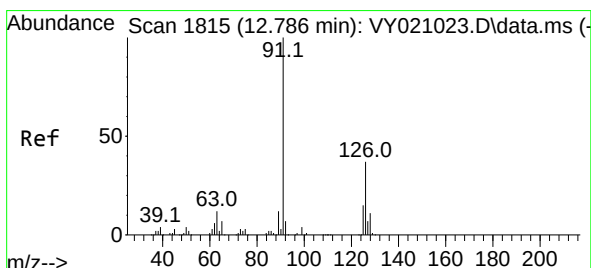
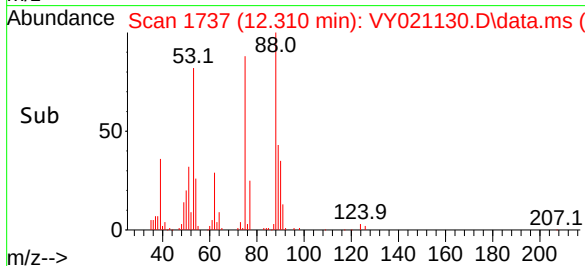
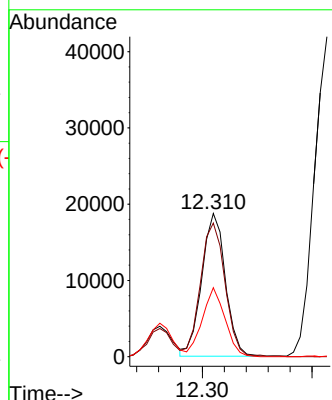
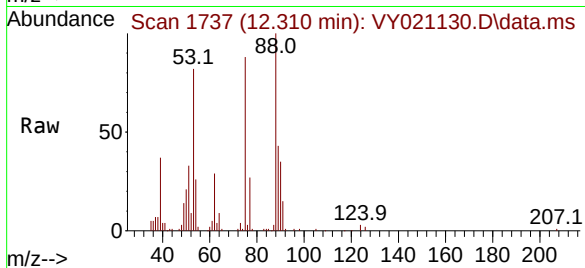




#81
trans-1,4-Dichloro-2-butene
Concen: 50.902 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

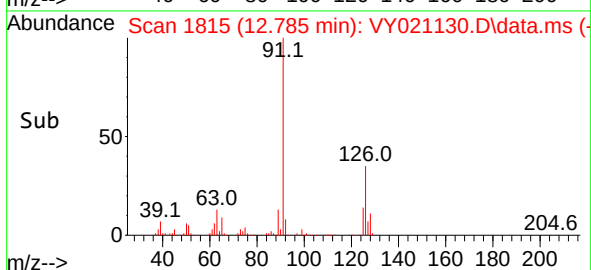
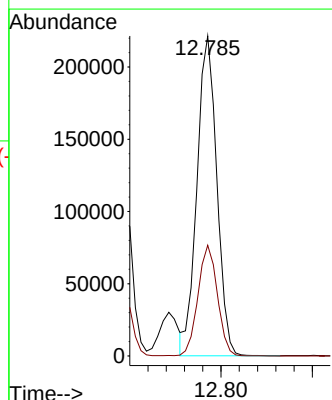
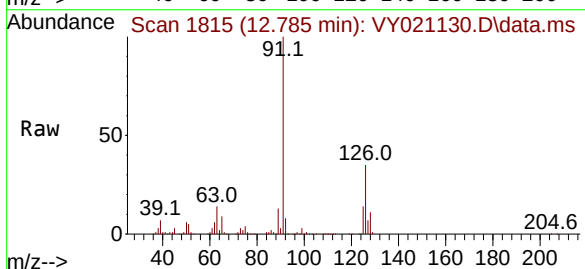
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

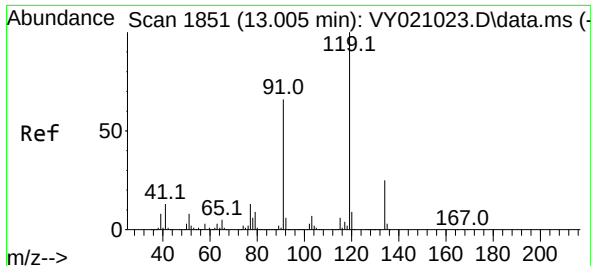
Tgt Ion: 75 Resp: 28108
Ion Ratio Lower Upper
75 100
53 97.7 74.0 111.0
89 46.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.386 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 91 Resp: 333089
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2

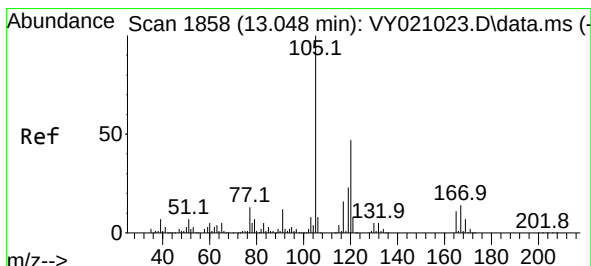
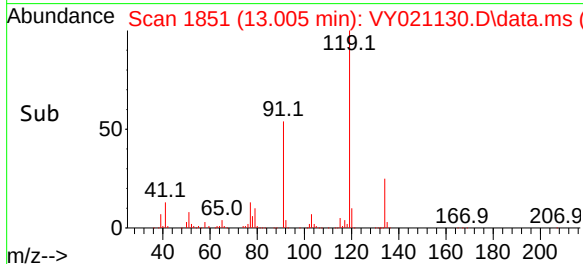
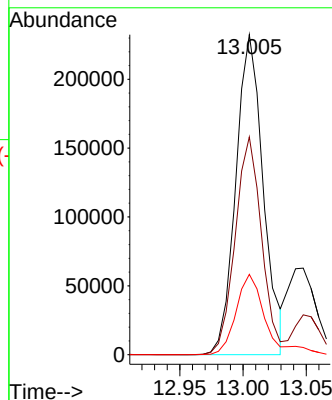
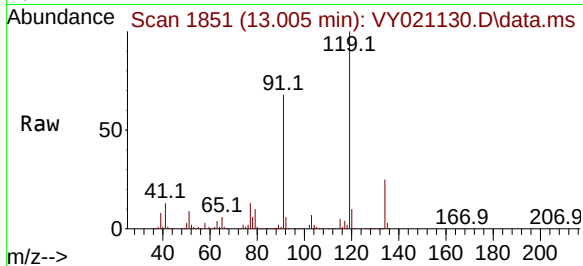




#83
tert-Butylbenzene
Concen: 49.051 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

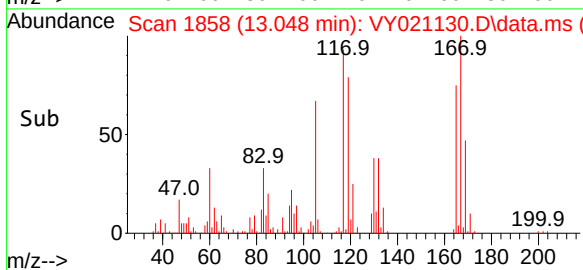
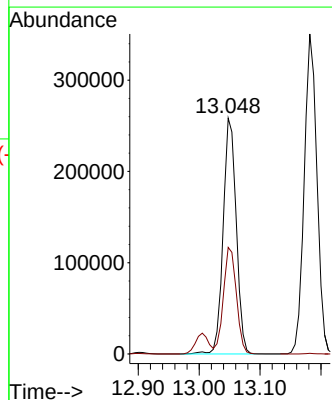
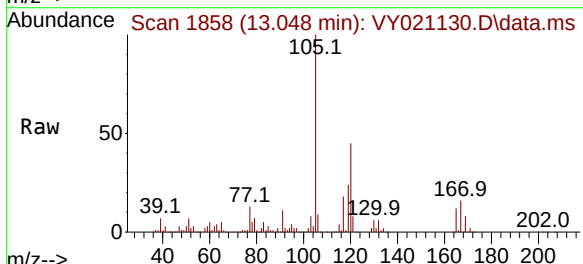
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

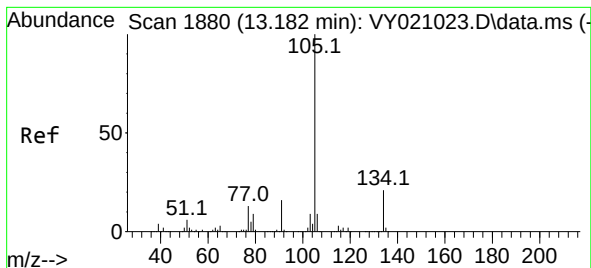
Tgt Ion:119 Resp: 350735
Ion Ratio Lower Upper
119 100
91 65.4 31.5 94.5
134 26.8 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 50.193 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:105 Resp: 386069
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.216 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

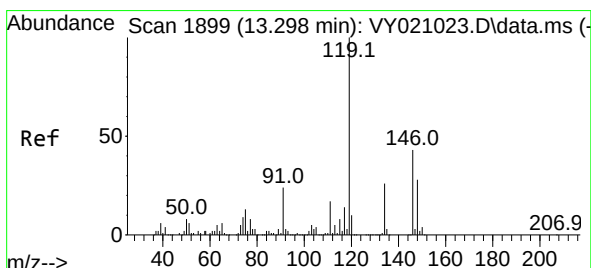
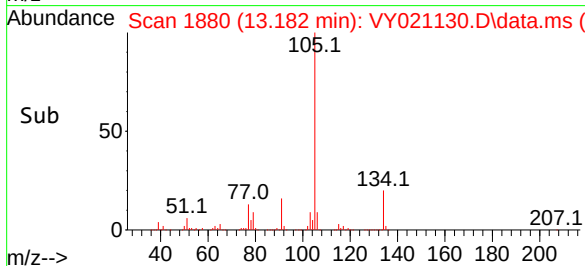
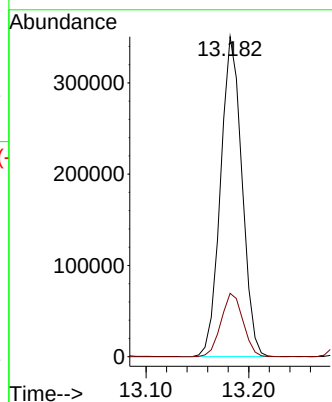
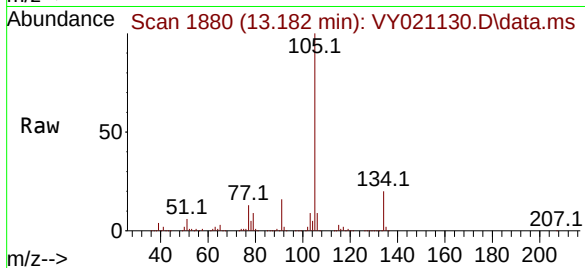
VSTDCCC050

Tgt Ion:105 Resp: 506564

Ion Ratio Lower Upper

105 100

134 20.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.482 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

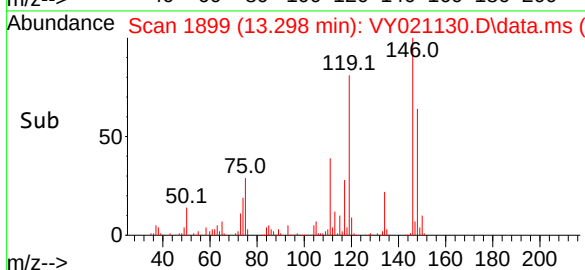
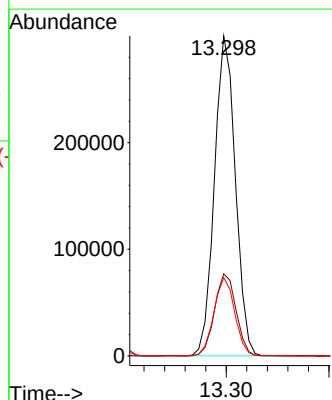
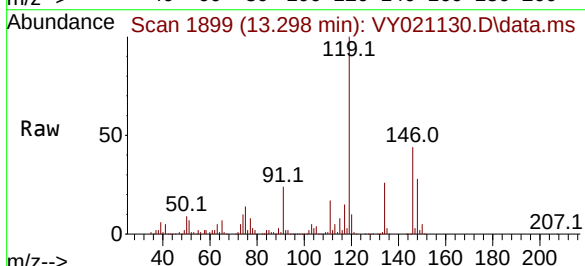
Tgt Ion:119 Resp: 423069

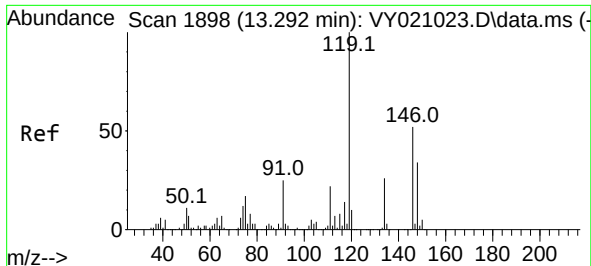
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.3 11.7 35.0

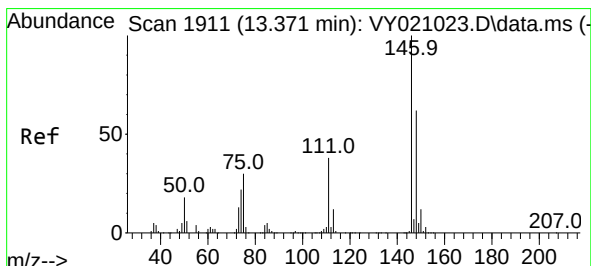
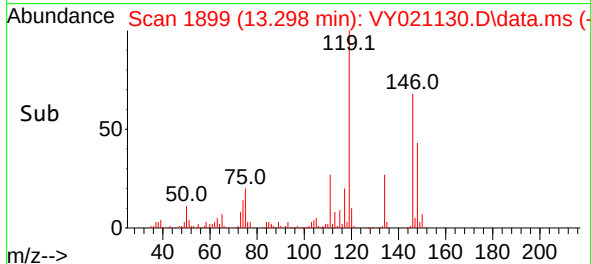
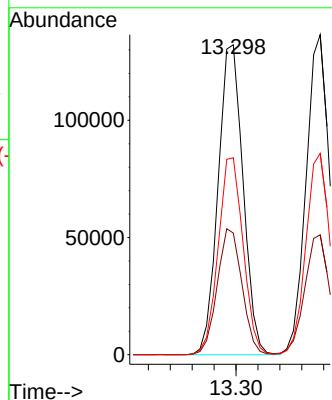
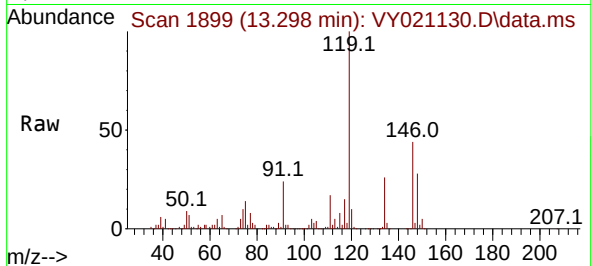




#87
1,3-Dichlorobenzene
Concen: 48.388 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

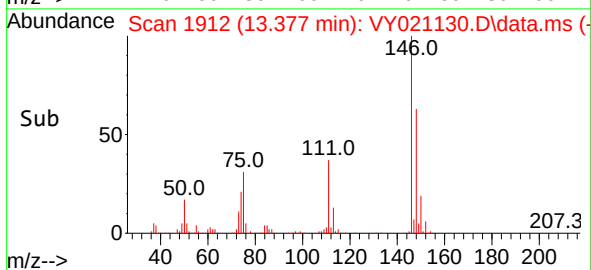
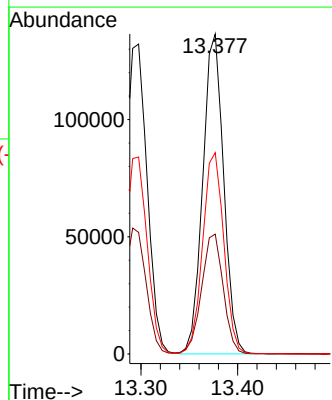
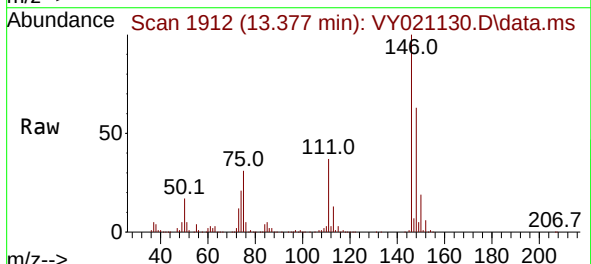
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

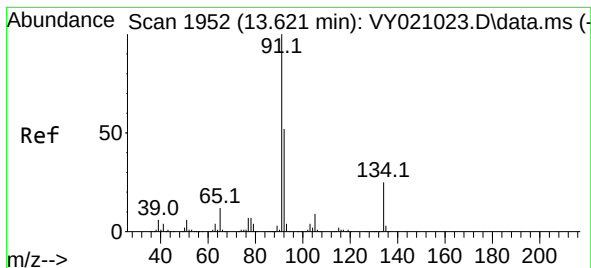
Tgt Ion:146 Resp: 209195
Ion Ratio Lower Upper
146 100
111 40.3 20.2 60.5
148 63.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 48.154 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:146 Resp: 204979
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 50.861 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021130.D

Acq: 07 Feb 2025 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

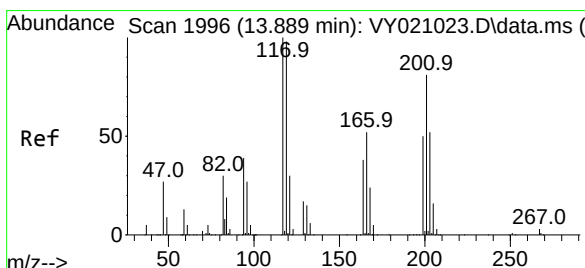
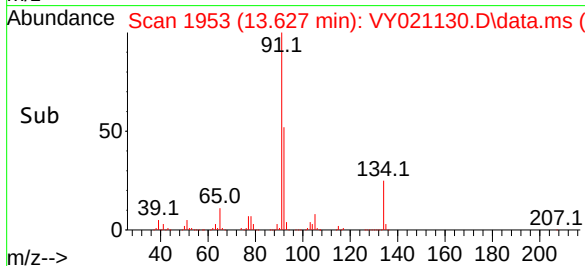
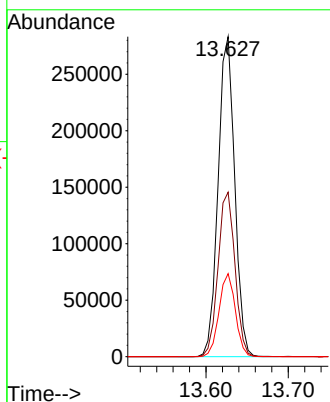
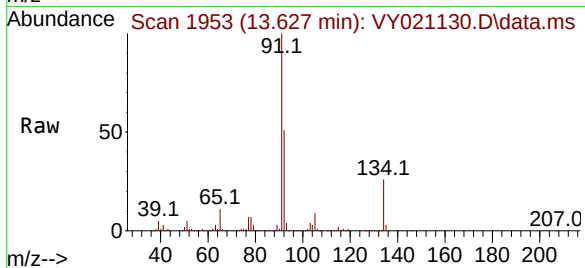
Tgt Ion: 91 Resp: 396714

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.6 12.3 36.8



#90

Hexachloroethane

Concen: 48.996 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021130.D

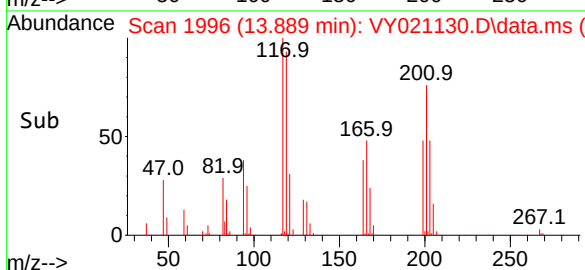
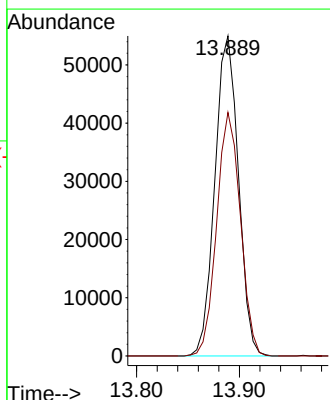
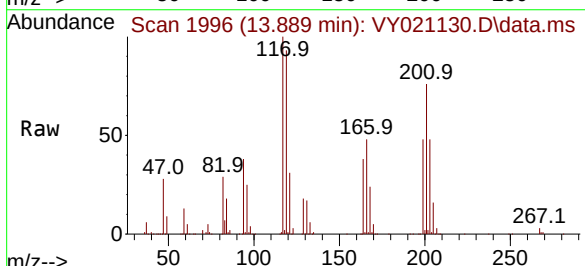
Acq: 07 Feb 2025 09:31

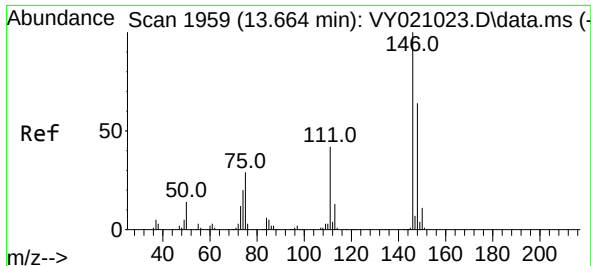
Tgt Ion: 117 Resp: 87392

Ion Ratio Lower Upper

117 100

201 76.5 33.4 100.1

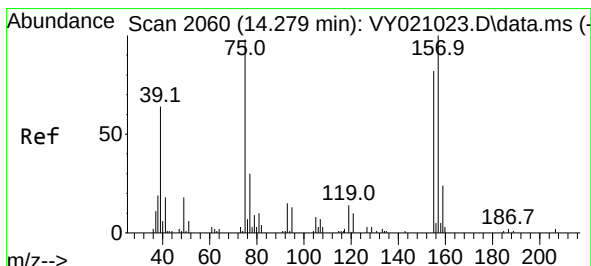
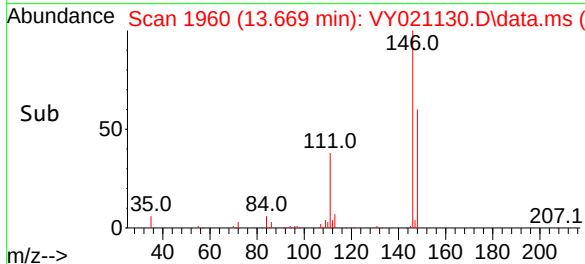
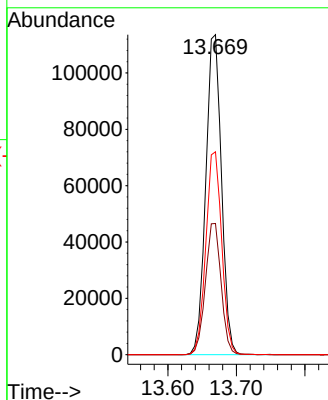
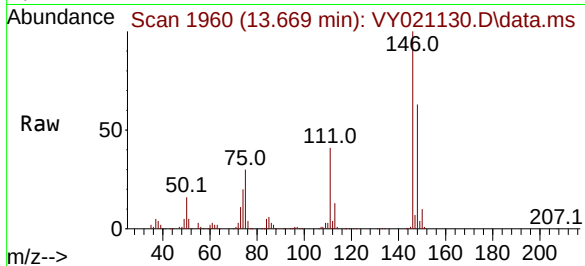




#91
1,2-Dichlorobenzene
Concen: 48.240 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

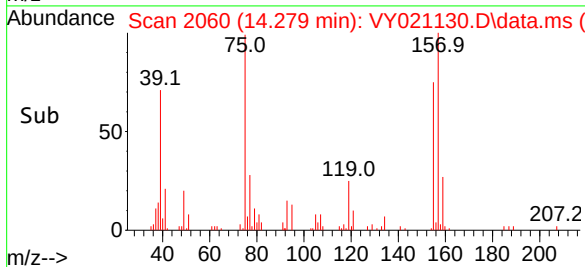
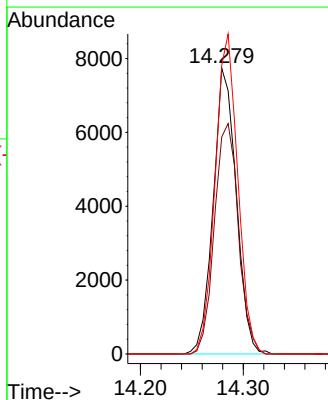
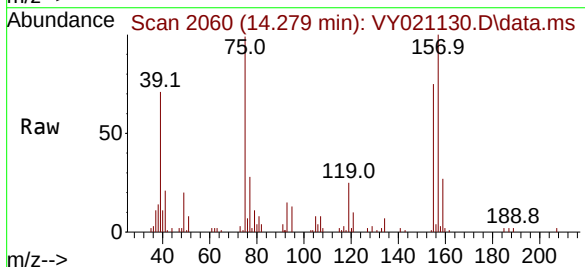
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

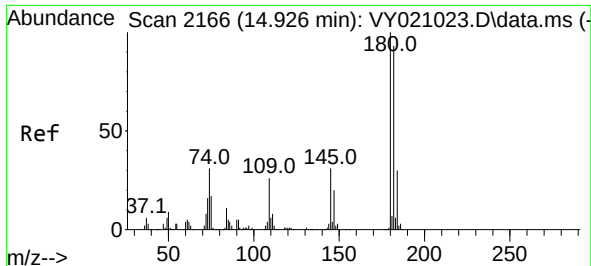
Tgt Ion:146 Resp: 181015
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 64.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.012 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion: 75 Resp: 12060
Ion Ratio Lower Upper
75 100
155 83.5 42.1 126.3
157 109.4 55.8 167.4

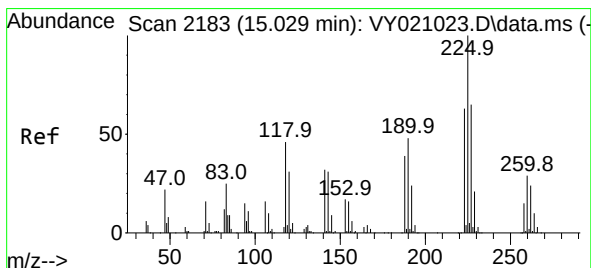
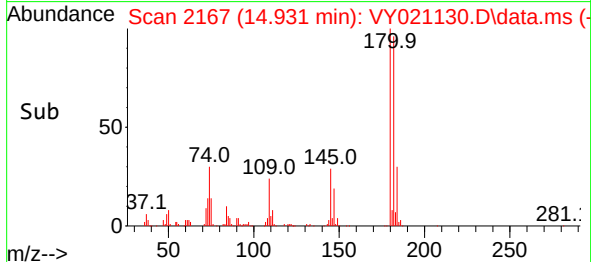
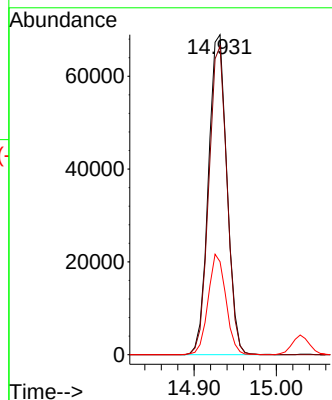
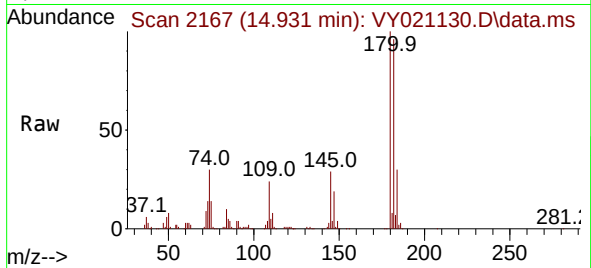




#93
 1,2,4-Trichlorobenzene
 Concen: 51.562 ug/l
 RT: 14.931 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

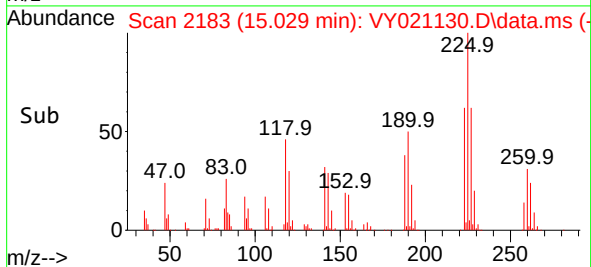
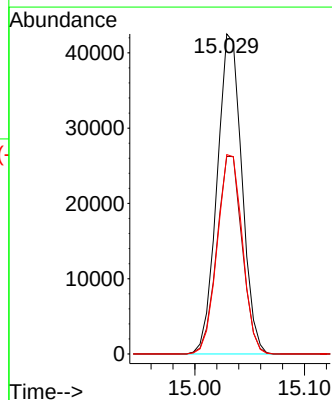
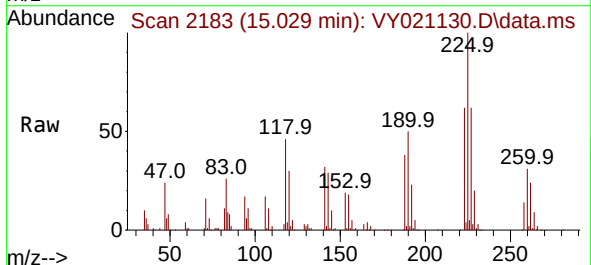
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

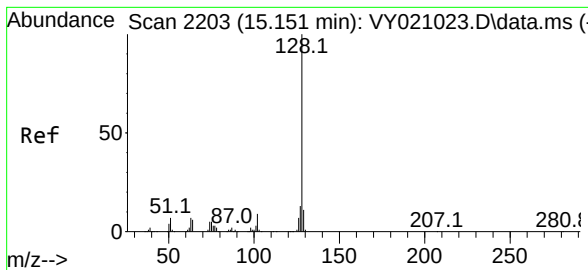
Tgt Ion:180 Resp: 107696
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.7
 145 30.2 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 48.285 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VY021130.D
 Acq: 07 Feb 2025 09:31

Tgt Ion:225 Resp: 66832
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.4 94.3
 227 63.0 32.3 96.8

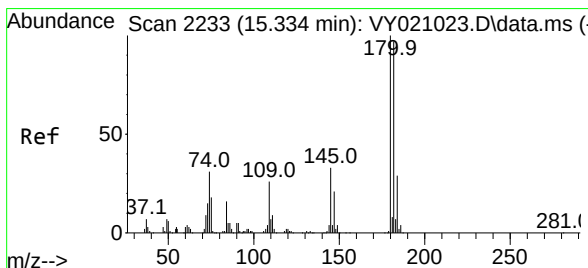
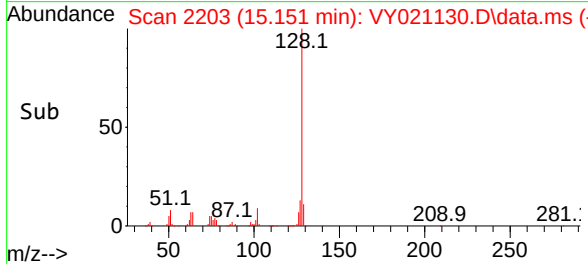
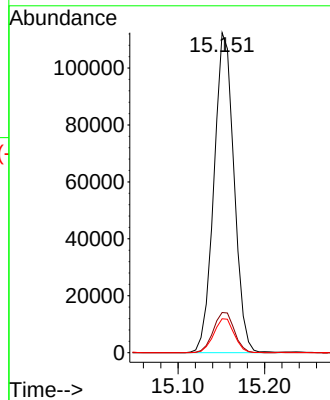
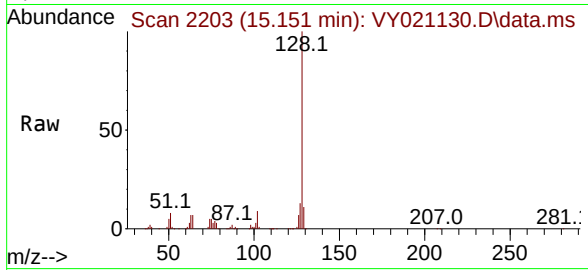




#95
Naphthalene
Concen: 54.200 ug/l
RT: 15.151 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	181117
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.8	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.905 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY021130.D
Acq: 07 Feb 2025 09:31

Tgt Ion:	180	Resp:	88483
Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.3	138.8
145	33.2	16.1	48.2

