

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011011.D
 Acq On : 19 Oct 2022 15:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 20 05:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	279177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	447786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	403906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196857	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127288	49.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.716	113	131171	52.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.179	98	460061	49.206	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.483	95	169438	51.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91857	49.604	ug/l	99
3) Chloromethane	2.113	50	134913	50.781	ug/l	97
4) Vinyl Chloride	2.253	62	162200	53.865	ug/l	99
5) Bromomethane	2.650	94	111919	53.737	ug/l	95
6) Chloroethane	2.790	64	111784	55.552	ug/l	98
7) Trichlorofluoromethane	3.125	101	240032	54.461	ug/l	95
8) Diethyl Ether	3.528	74	89013	54.120	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	148680	53.780	ug/l	94
10) Methyl Iodide	4.088	142	194904	57.615	ug/l	90
11) Tert butyl alcohol	4.942	59	85620	300.099	ug/l	99
12) 1,1-Dichloroethene	3.869	96	139864	52.812	ug/l	85
13) Acrolein	3.723	56	92607	223.377	ug/l	98
14) Allyl chloride	4.479	41	224267	53.400	ug/l #	89
15) Acrylonitrile	5.155	53	230554	268.922	ug/l	97
16) Acetone	3.942	43	218643	292.775	ug/l #	88
17) Carbon Disulfide	4.192	76	372136	47.931	ug/l	100
18) Methyl Acetate	4.472	43	108349	51.668	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	421125	56.913	ug/l	96
20) Methylene Chloride	4.710	84	191860	60.247	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	160387	53.645	ug/l	91
22) Diisopropyl ether	6.112	45	507081	56.377	ug/l #	93
23) Vinyl Acetate	6.058	43	1569281	291.763	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	301670	55.550	ug/l	98
25) 2-Butanone	6.978	43	308116	272.060	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	271697	56.340	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	195307	56.681	ug/l	88
28) Bromochloromethane	7.332	49	105384	54.428	ug/l	85
29) Tetrahydrofuran	7.344	42	184893	265.351	ug/l #	84
30) Chloroform	7.502	83	309453	56.528	ug/l	100
31) Cyclohexane	7.783	56	244133	49.610	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	269929	56.096	ug/l	96
36) 1,1-Dichloropropene	7.917	75	227999	54.696	ug/l	98
37) Ethyl Acetate	7.070	43	126164	54.667	ug/l #	92
38) Carbon Tetrachloride	7.899	117	239017	55.547	ug/l	99
39) Methylcyclohexane	9.179	83	271422	54.363	ug/l	92
40) Benzene	8.155	78	672419	54.977	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	72282	57.796	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	192425	56.780	ug/l	91
43) Isopropyl Acetate	8.271	43	233470	56.620	ug/l #	89
44) Trichloroethene	8.935	130	182657	55.109	ug/l	96
45) 1,2-Dichloropropane	9.216	63	171357	55.219	ug/l	94
46) Dibromomethane	9.301	93	98204	56.738	ug/l	96
47) Bromodichloromethane	9.496	83	241406	57.878	ug/l	98
48) Methyl methacrylate	9.289	41	104997	56.896	ug/l #	82
49) 1,4-Dioxane	9.295	88	27339	1099.358	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	639812	278.227	ug/l	88
52) Toluene	10.246	92	432193	56.880	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	247759	57.179	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	284392	57.354	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	141712	56.754	ug/l	99
56) Ethyl methacrylate	10.508	69	193070	58.218	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	242202	56.417	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	466875	282.192	ug/l	96
59) 2-Hexanone	10.831	43	451664	285.931	ug/l	85
60) Dibromochloromethane	10.983	129	172256	58.016	ug/l	99
61) 1,2-Dibromoethane	11.087	107	134088	56.077	ug/l	99
64) Tetrachloroethene	10.721	164	174230	55.413	ug/l	98
65) Chlorobenzene	11.514	112	466454	56.251	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	174355	56.806	ug/l	97
67) Ethyl Benzene	11.593	91	833483	56.814	ug/l	98
68) m/p-Xylenes	11.703	106	642994	113.937	ug/l	94
69) o-Xylene	12.026	106	309340	57.727	ug/l	94
70) Styrene	12.044	104	525549	57.880	ug/l	95
71) Bromoform	12.209	173	108845	57.461	ug/l #	99
73) Isopropylbenzene	12.331	105	819675	57.312	ug/l	99
74) N-amyl acetate	12.142	43	204397	56.328	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	164330	54.748	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	217375	97.261	ug/l #	100
77) Bromobenzene	12.611	156	189586	56.710	ug/l	98
78) n-propylbenzene	12.672	91	994183	57.134	ug/l	99
79) 2-Chlorotoluene	12.758	91	556028	56.739	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	685638	57.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	58754	56.540	ug/l #	84
82) 4-Chlorotoluene	12.855	91	579615	56.806	ug/l	100
83) tert-Butylbenzene	13.075	119	593163	57.482	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	681325	57.901	ug/l	98
85) sec-Butylbenzene	13.251	105	891778	57.511	ug/l	100
86) p-Isopropyltoluene	13.367	119	739236	57.467	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	376197	56.385	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	369259	55.662	ug/l	99
89) n-Butylbenzene	13.696	91	691239	57.505	ug/l	99
90) Hexachloroethane	13.965	117	142618	56.178	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	338154	56.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26476	53.350	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	200562	56.217	ug/l	98
94) Hexachlorobutadiene	15.111	225	117148	55.785	ug/l	99
95) Naphthalene	15.239	128	415086	57.130	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	173426	55.721	ug/l	99

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QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

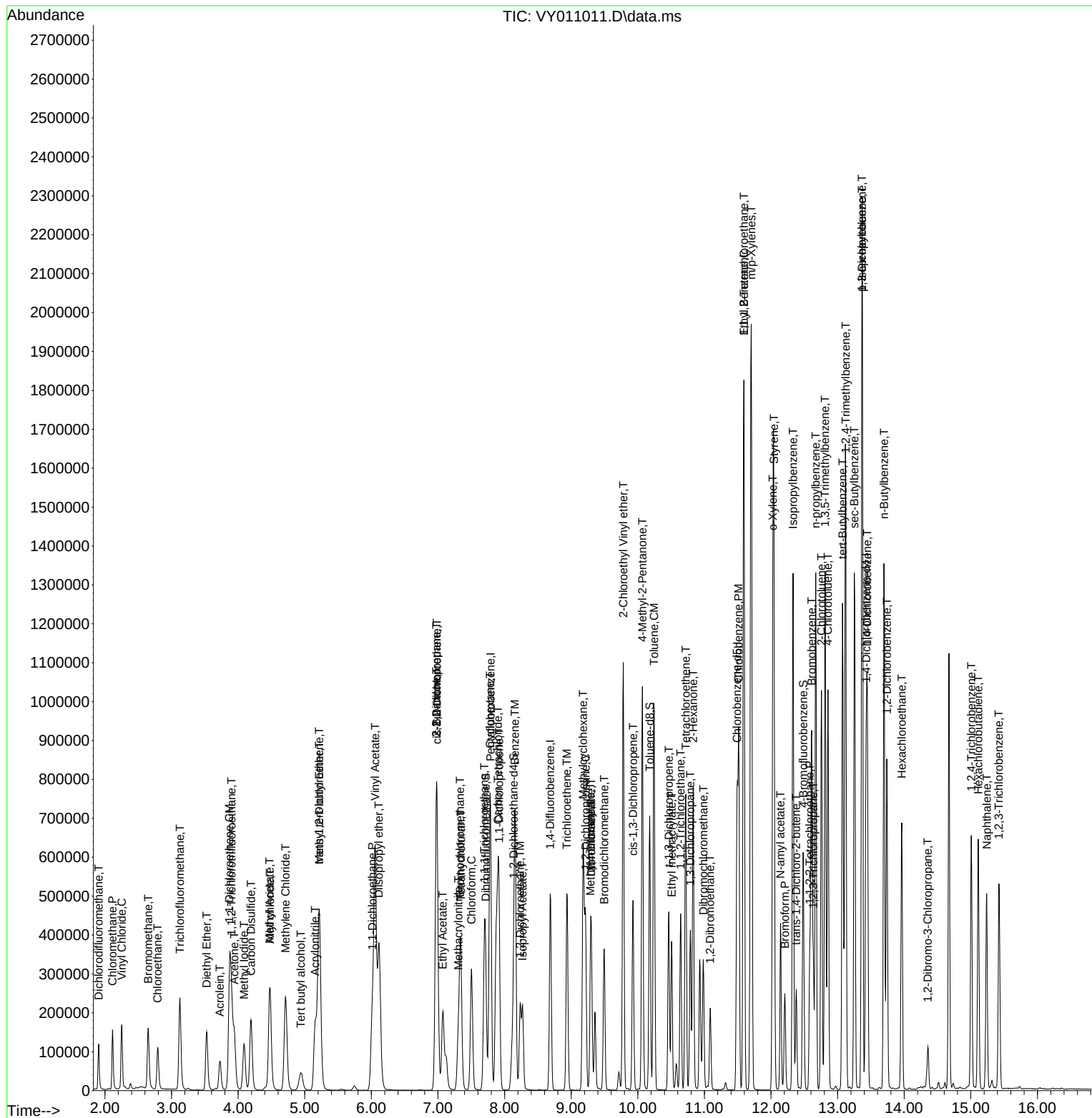
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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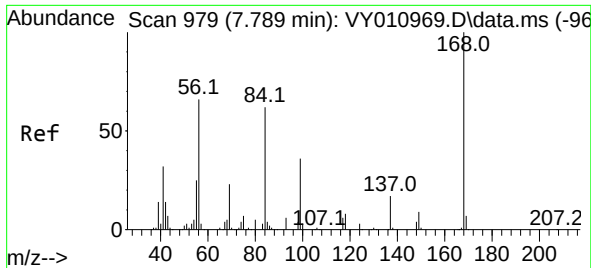
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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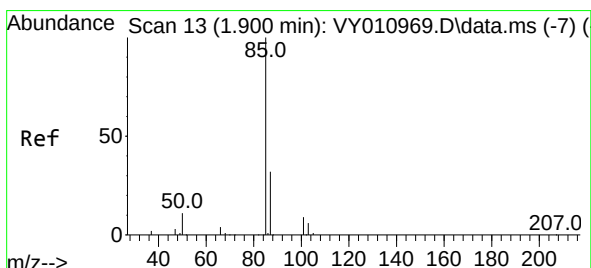
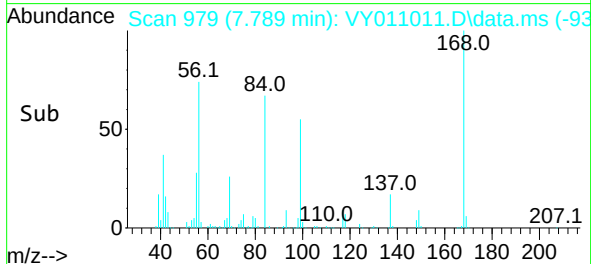
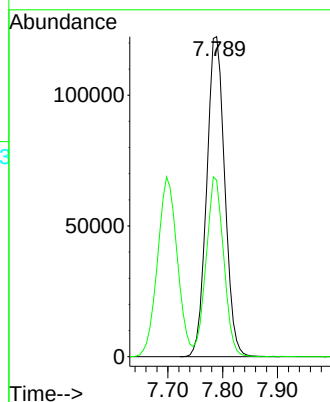
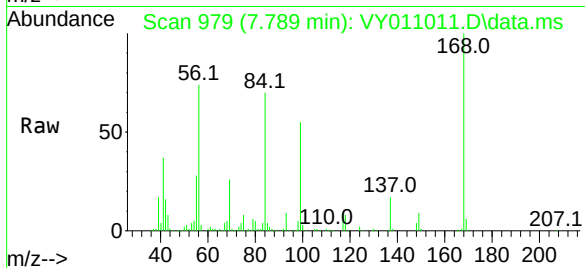




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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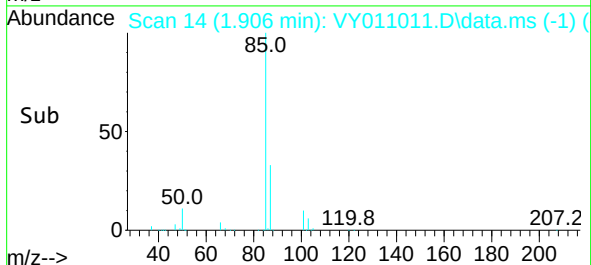
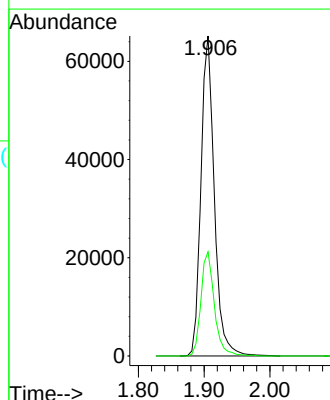
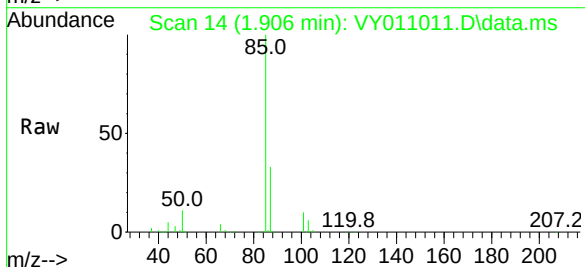
Instrument :
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VSTDCCC050EC

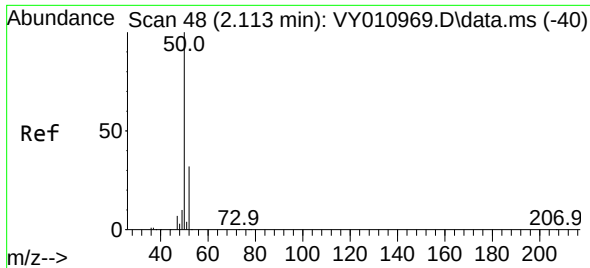
Tgt Ion:168 Resp: 279177
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.604 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 85 Resp: 91857
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

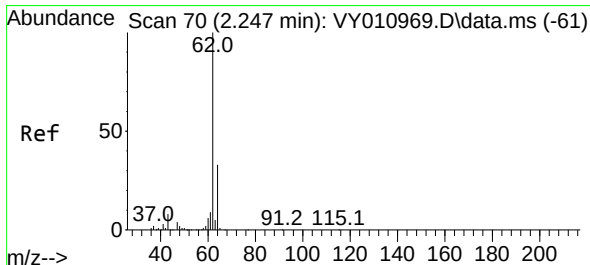
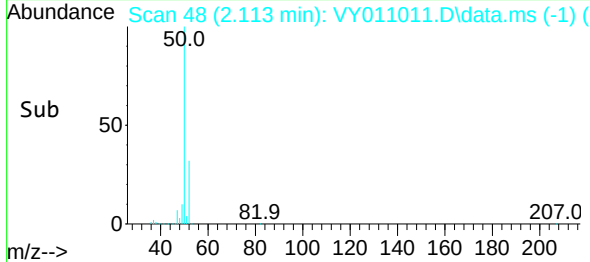
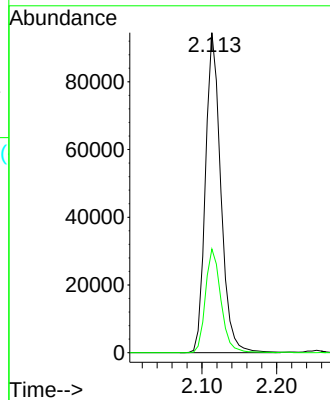
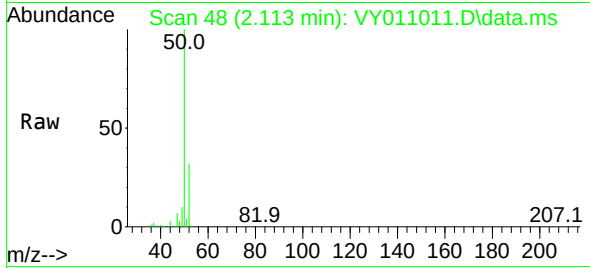




#3
Chloromethane
Concen: 50.781 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

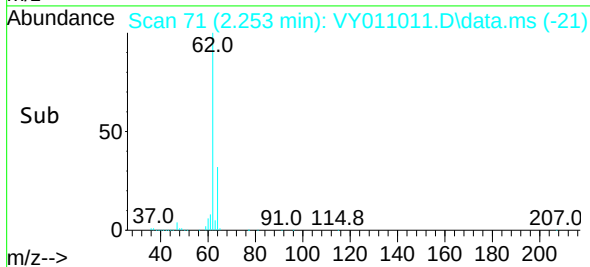
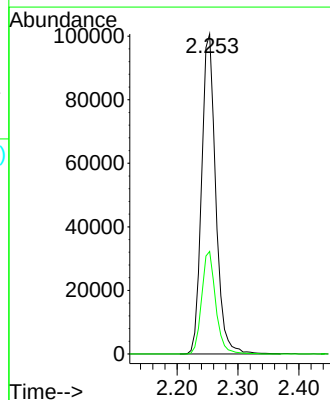
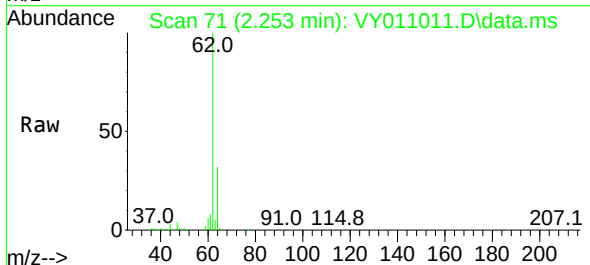
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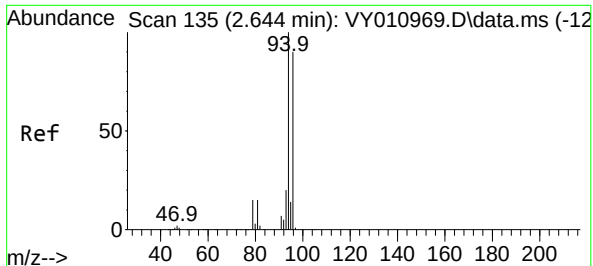
Tgt Ion: 50 Resp: 134913
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 53.865 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 62 Resp: 162200
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

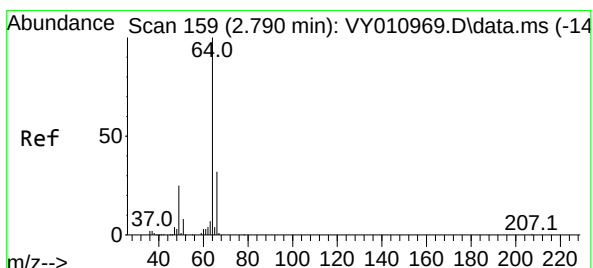
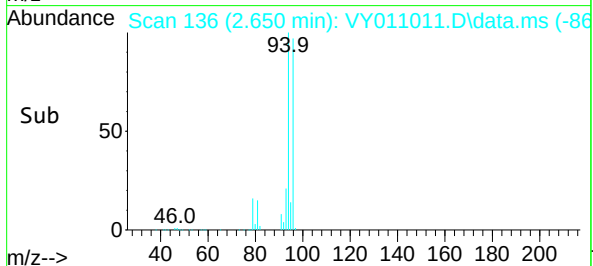
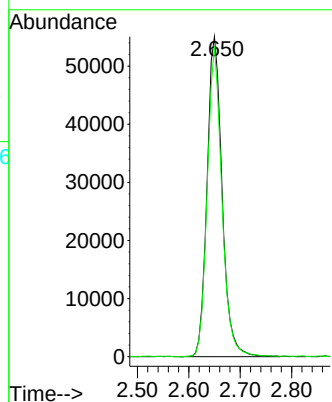
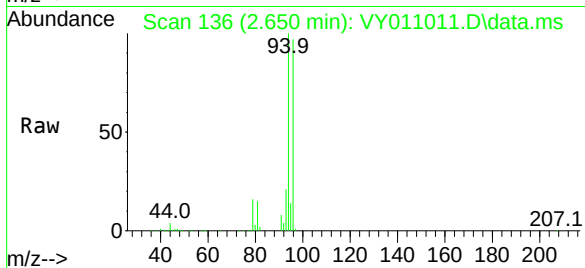




#5
Bromomethane
Concen: 53.737 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011011.D
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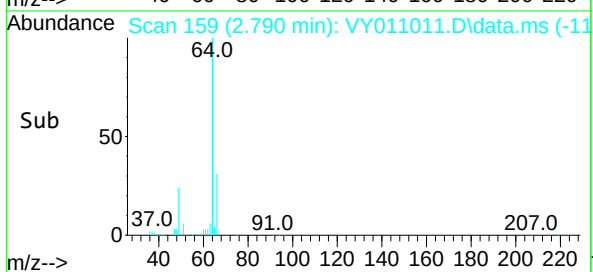
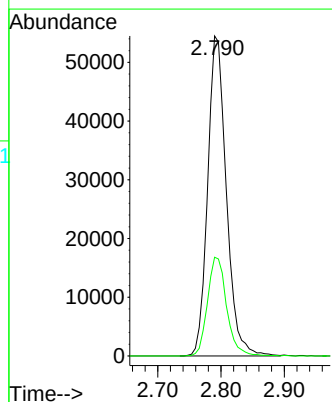
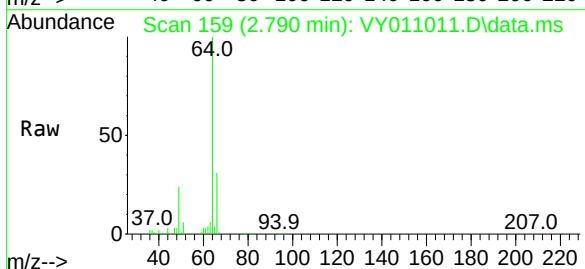
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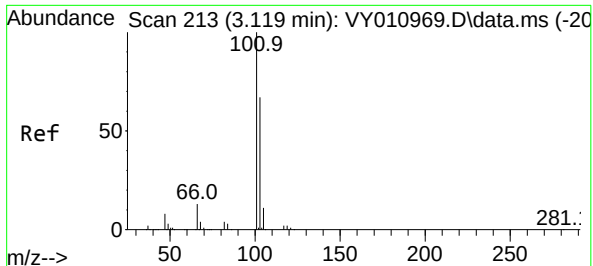
Tgt Ion: 94 Resp: 111919
Ion Ratio Lower Upper
94 100
96 97.0 73.5 110.3



#6
Chloroethane
Concen: 55.552 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY011011.D
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Tgt Ion: 64 Resp: 111784
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

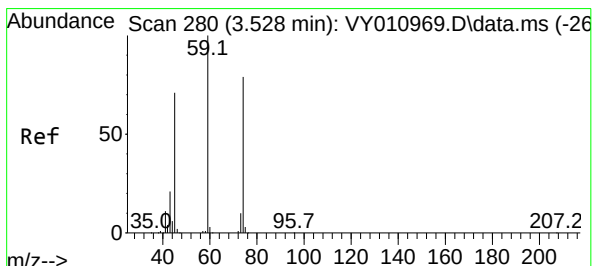
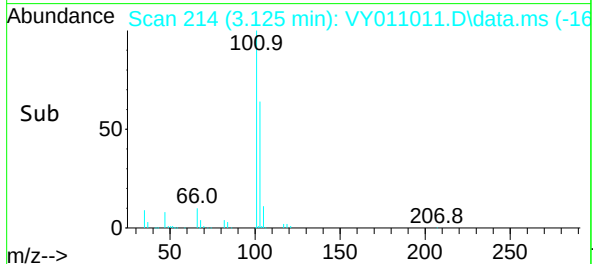
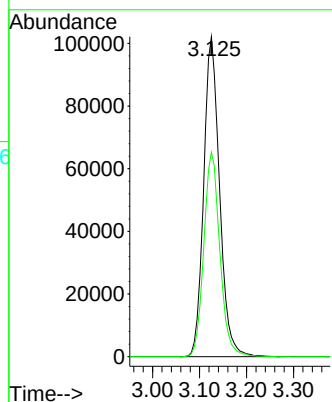
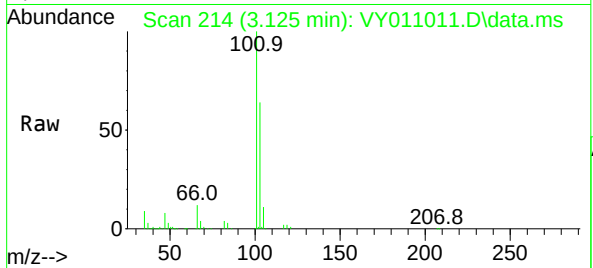




#7
Trichlorofluoromethane
Concen: 54.461 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

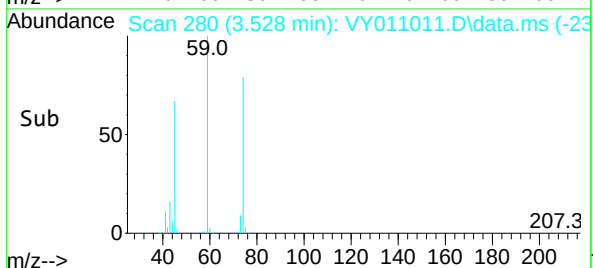
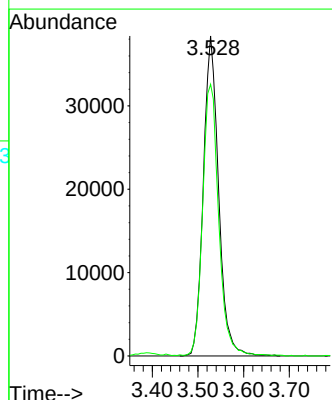
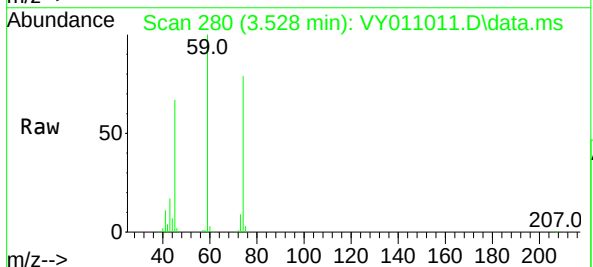
Instrument :
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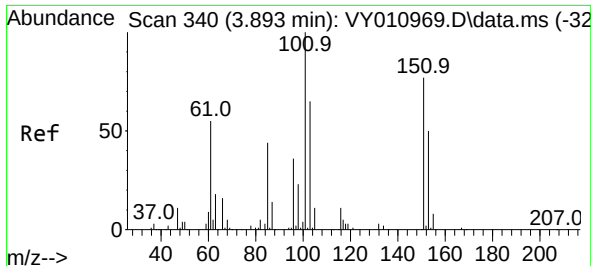
Tgt Ion:101 Resp: 240032
Ion Ratio Lower Upper
101 100
103 63.9 48.0 72.0



#8
Diethyl Ether
Concen: 54.120 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY011011.D
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Tgt Ion: 74 Resp: 89013
Ion Ratio Lower Upper
74 100
45 88.8 55.1 165.5

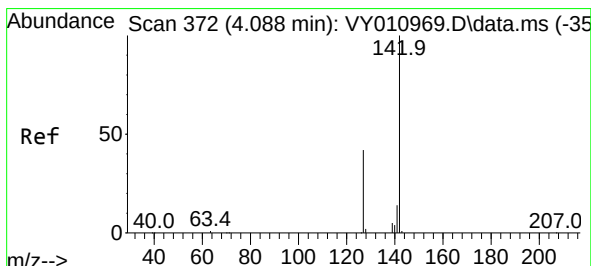
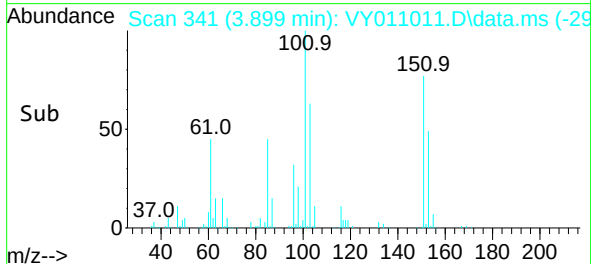
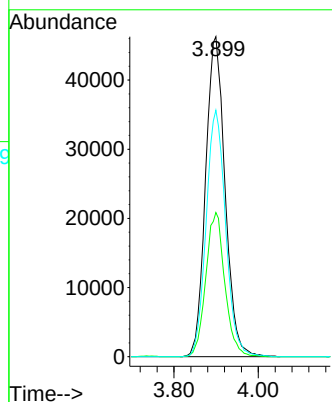
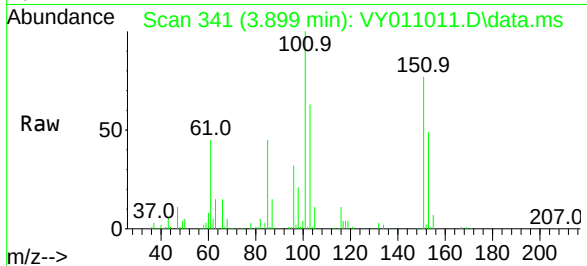




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.780 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

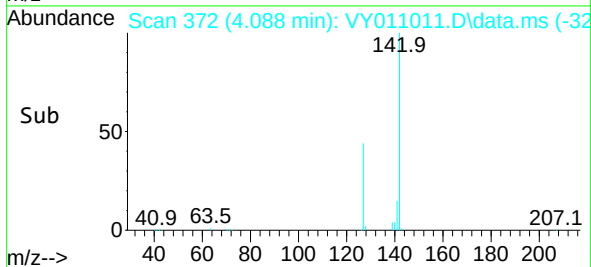
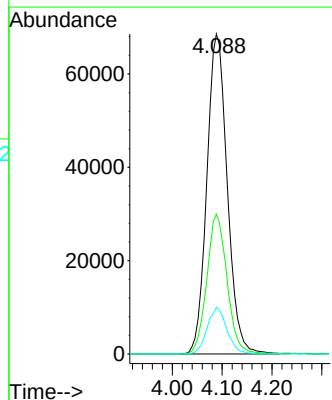
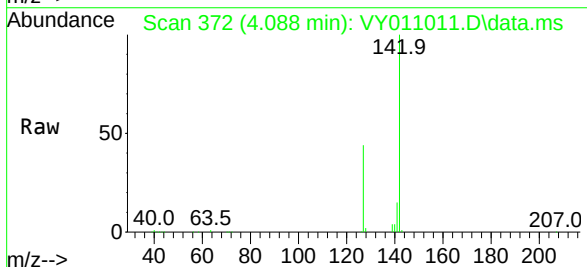
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

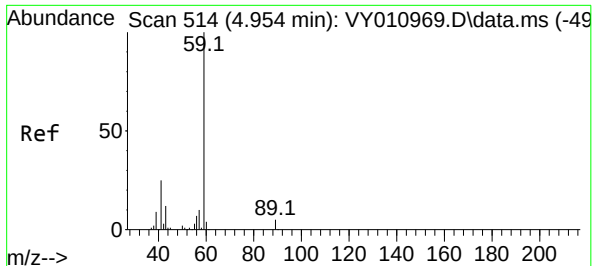
Tgt Ion:101 Resp: 148680
Ion Ratio Lower Upper
101 100
85 44.1 40.6 60.8
151 77.2 64.9 97.3



#10
Methyl Iodide
Concen: 57.615 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:142 Resp: 194904
Ion Ratio Lower Upper
142 100
127 43.3 41.5 62.3
141 14.0 11.9 17.9

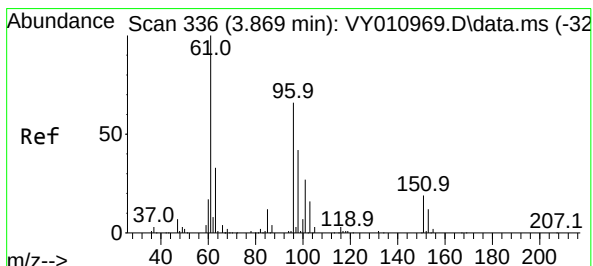
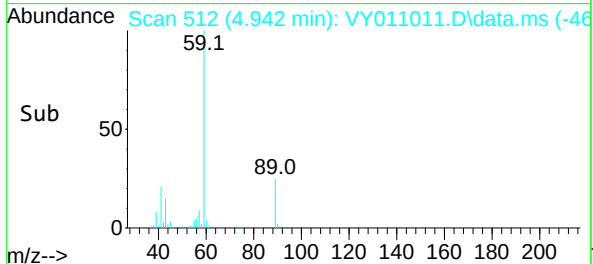
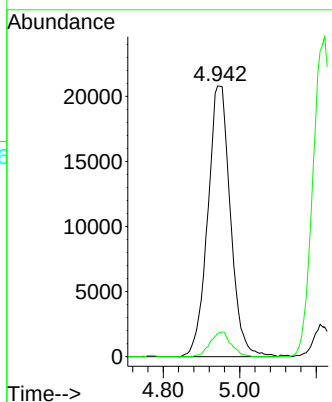
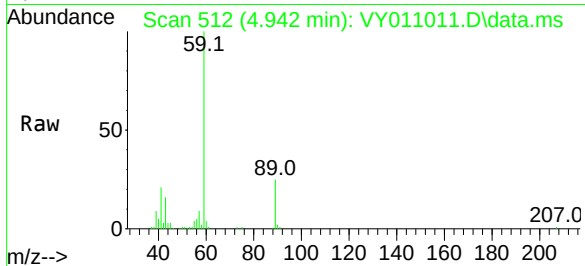




#11
Tert butyl alcohol
Concen: 300.099 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

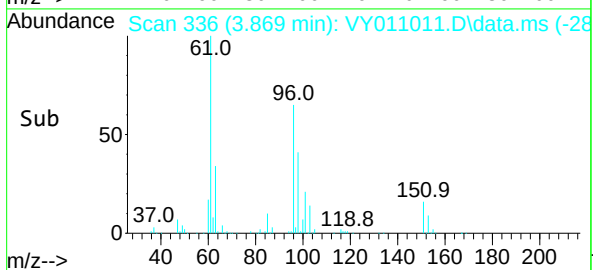
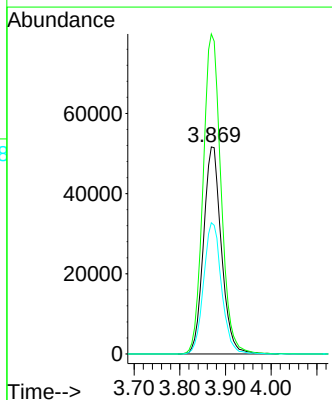
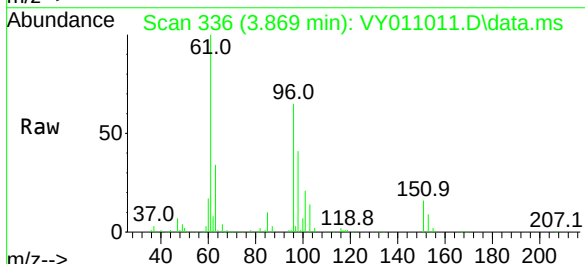
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

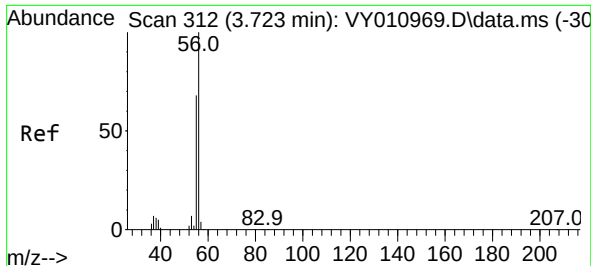
Tgt Ion: 59 Resp: 85620
Ion Ratio Lower Upper
59 100
57 8.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 52.812 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 96 Resp: 139864
Ion Ratio Lower Upper
96 100
61 154.6 145.8 218.6
98 63.4 52.5 78.7





#13

Acrolein

Concen: 223.377 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

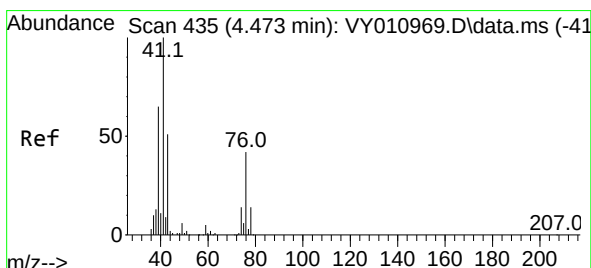
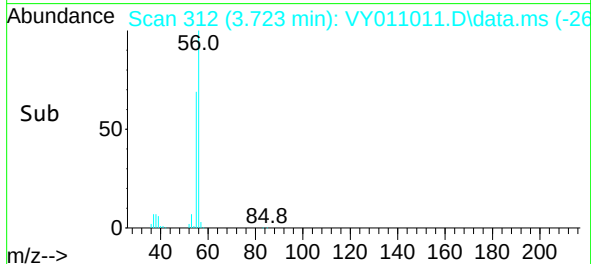
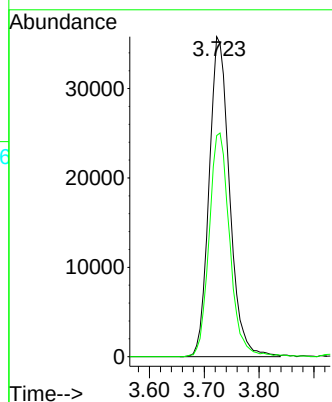
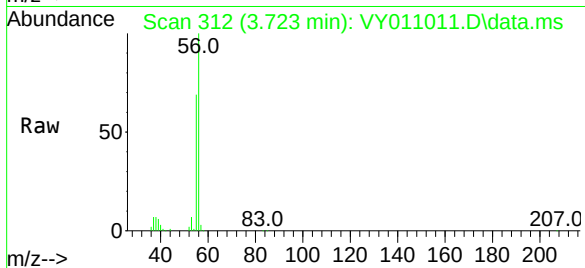
VSTDCCC050EC

Tgt Ion: 56 Resp: 92607

Ion Ratio Lower Upper

56 100

55 70.6 57.6 86.4



#14

Allyl chloride

Concen: 53.400 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

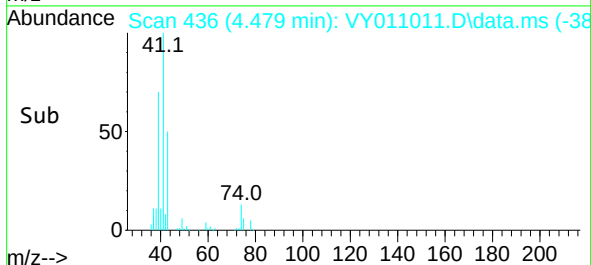
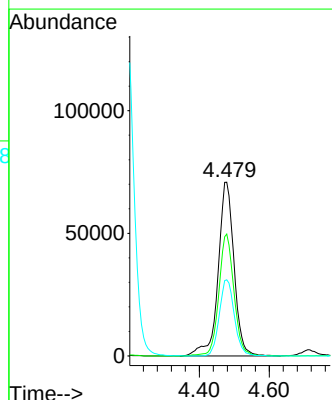
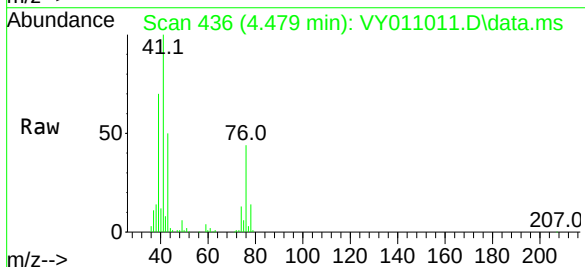
Tgt Ion: 41 Resp: 224267

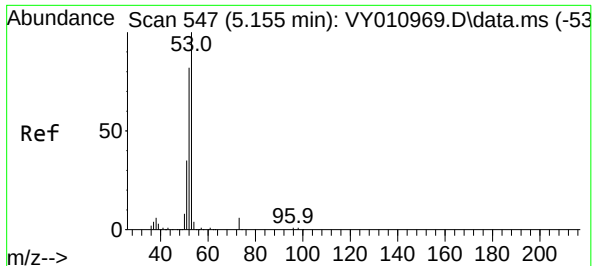
Ion Ratio Lower Upper

41 100

39 66.5 58.8 88.2

76 41.4 25.1 37.7#

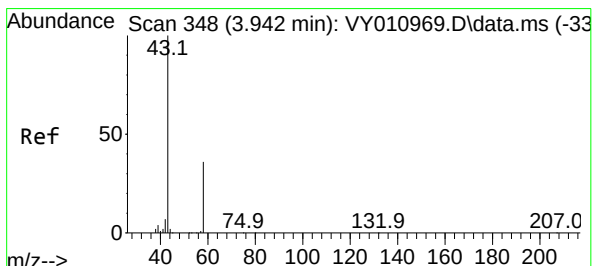
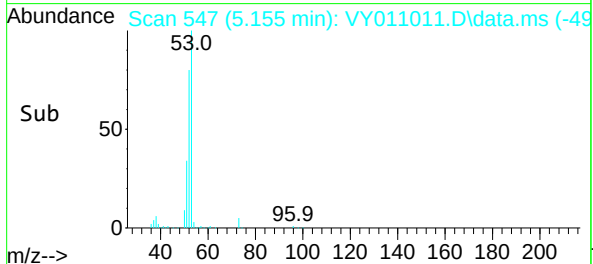
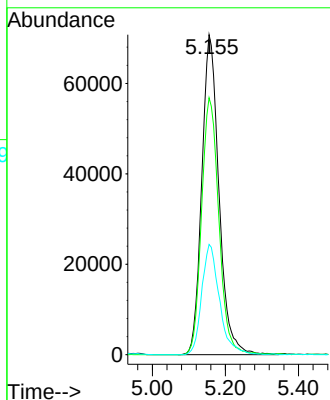
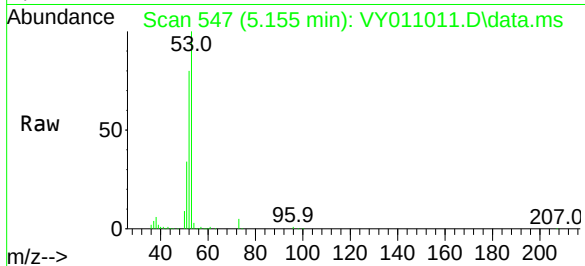




#15
Acrylonitrile
Concen: 268.922 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

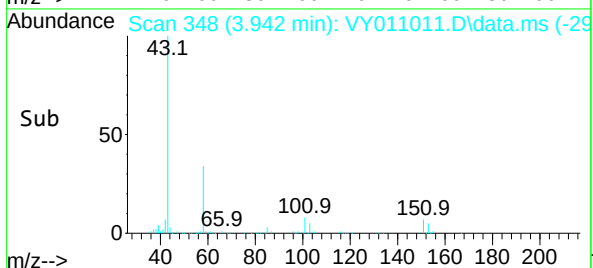
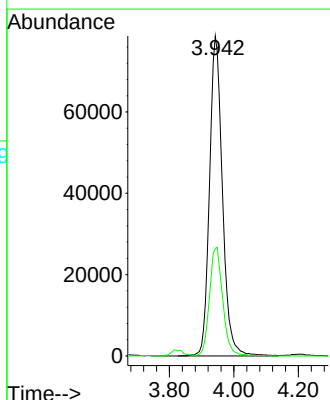
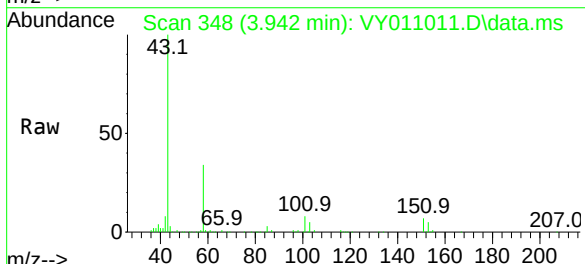
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

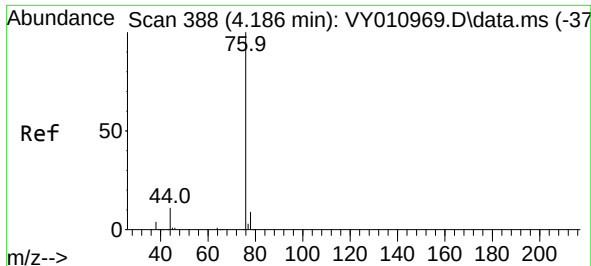
Tgt Ion: 53 Resp: 230554
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 35.7 29.8 44.6



#16
Acetone
Concen: 292.775 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 43 Resp: 218643
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#

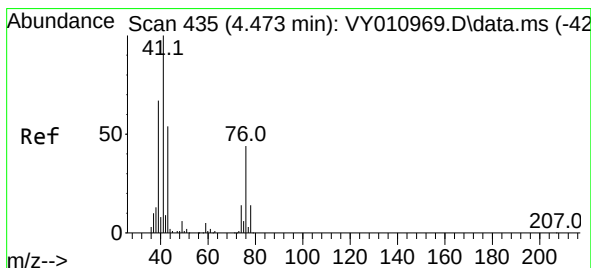
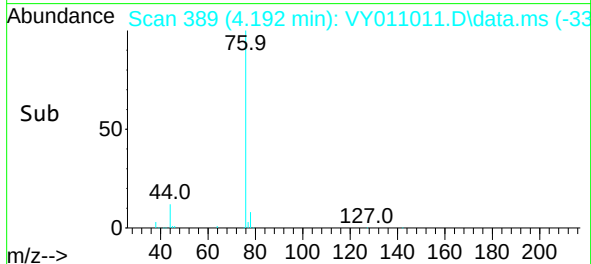
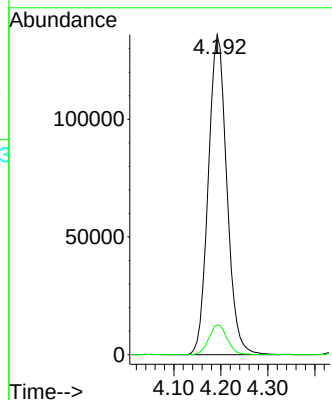
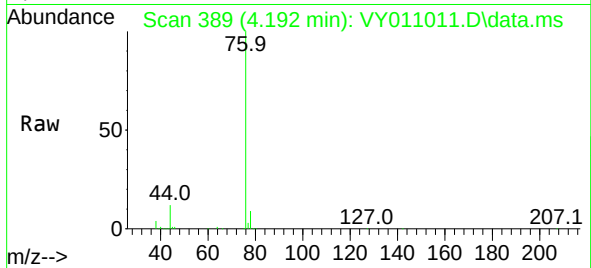




#17
Carbon Disulfide
Concen: 47.931 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

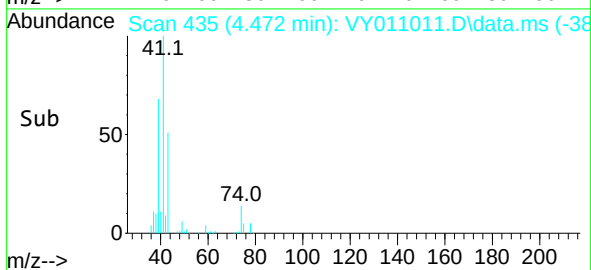
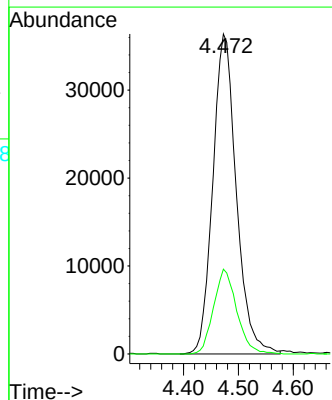
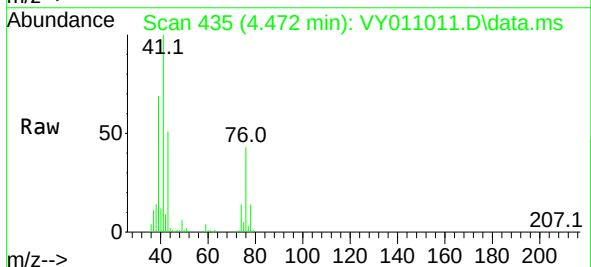
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

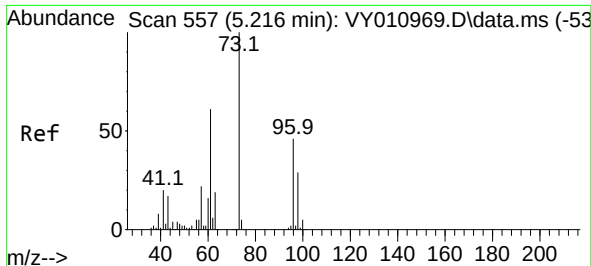
Tgt Ion: 76 Resp: 372136
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 51.668 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 43 Resp: 108349
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#

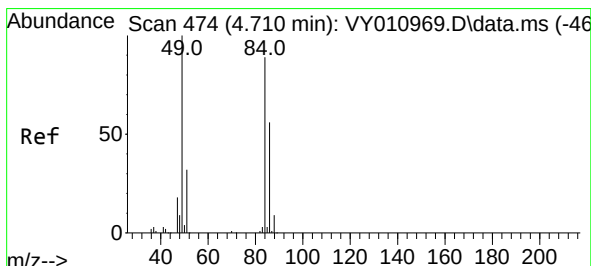
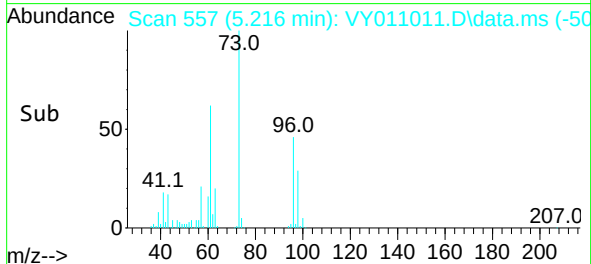
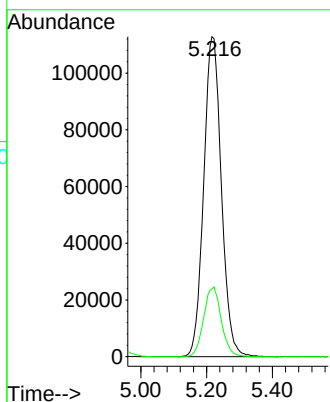
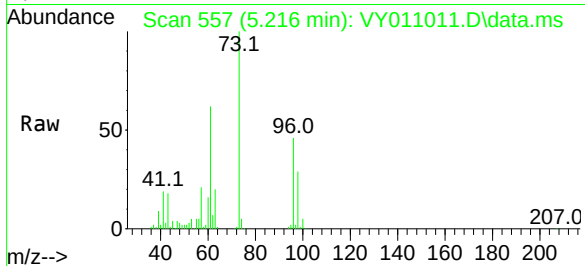




#19
Methyl tert-butyl Ether
Concen: 56.913 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

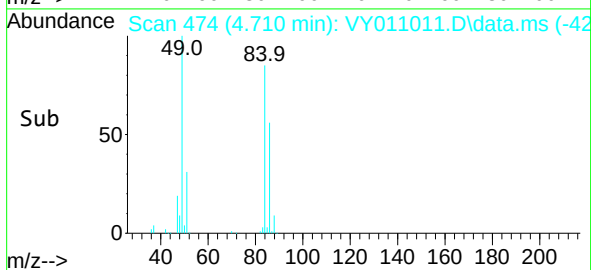
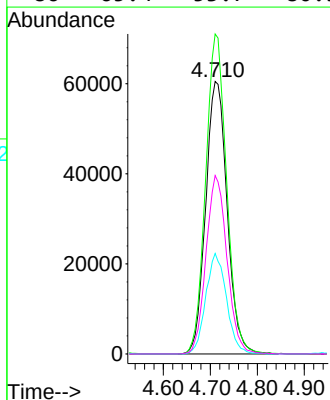
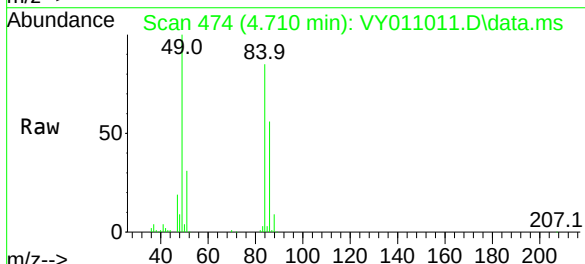
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

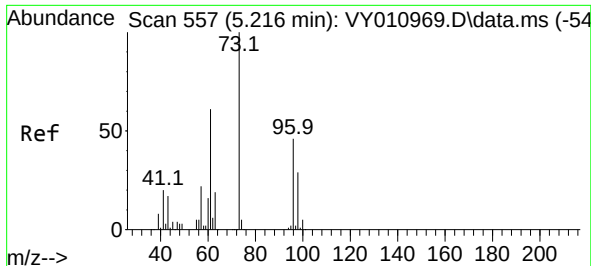
Tgt Ion: 73 Resp: 421125
Ion Ratio Lower Upper
73 100
57 21.2 18.6 27.8



#20
Methylene Chloride
Concen: 60.247 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 84 Resp: 191860
Ion Ratio Lower Upper
84 100
49 117.4 114.4 171.6
51 36.9 35.3 52.9
86 65.4 53.7 80.5

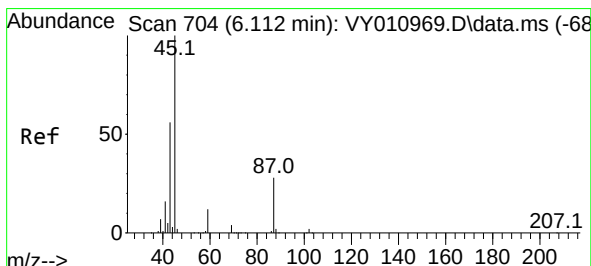
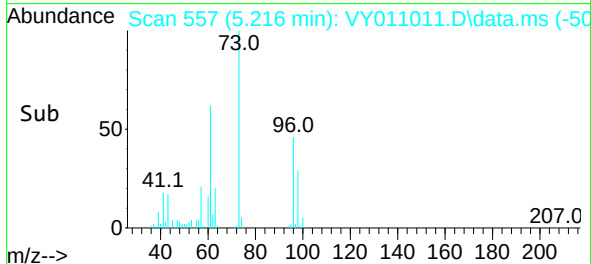
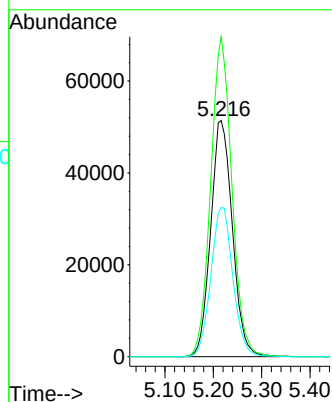
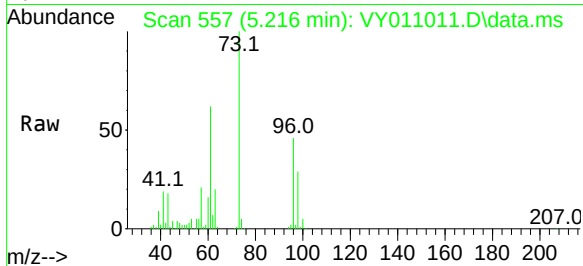




#21
trans-1,2-Dichloroethene
Concen: 53.645 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

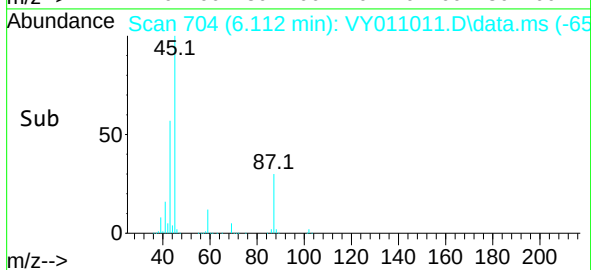
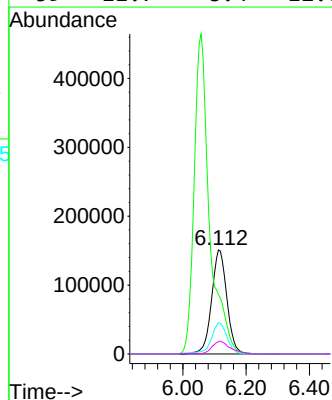
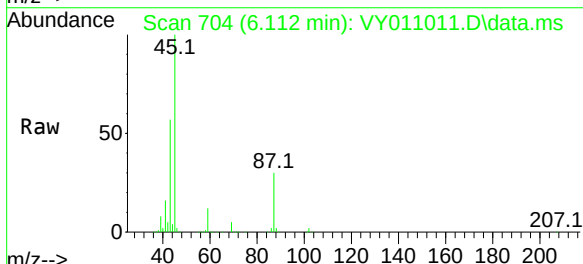
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

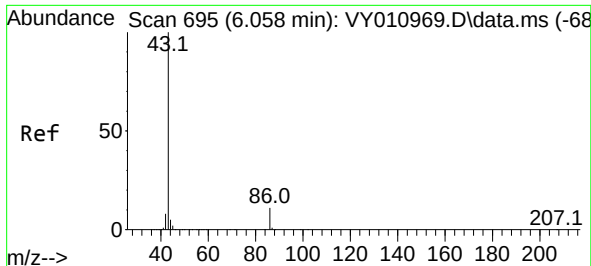
Tgt Ion: 96 Resp: 160387
Ion Ratio Lower Upper
96 100
61 135.5 120.5 180.7
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 56.377 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 45 Resp: 507081
Ion Ratio Lower Upper
45 100
43 57.1 49.3 73.9
87 30.2 19.2 28.8#
59 11.7 8.4 12.6

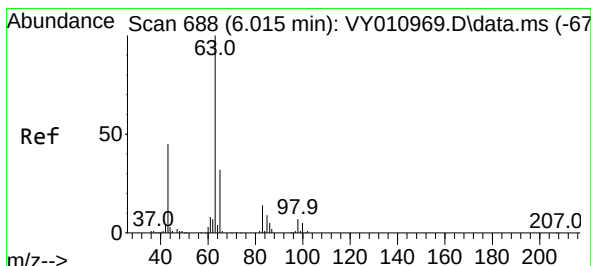
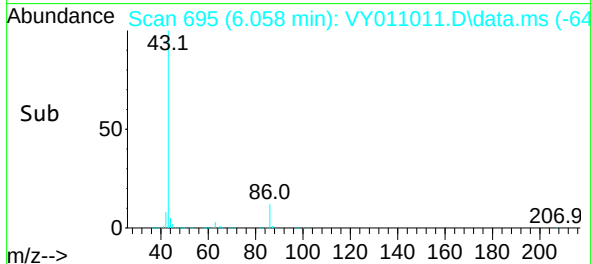
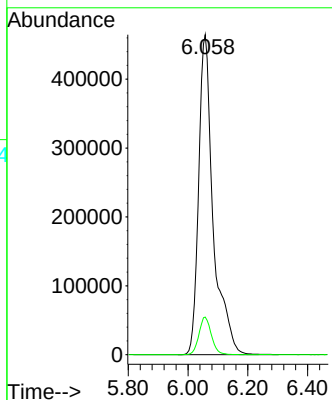
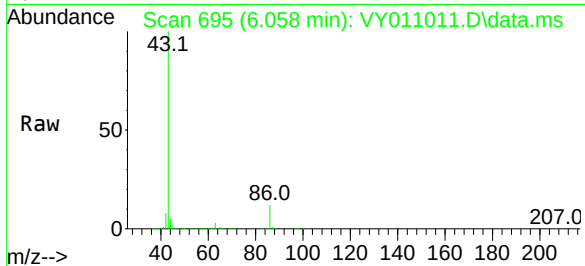




#23
 Vinyl Acetate
 Concen: 291.763 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

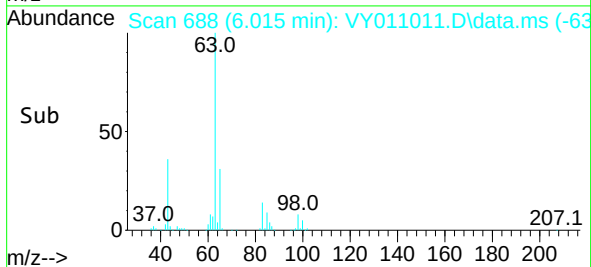
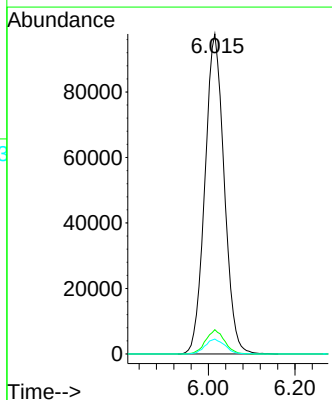
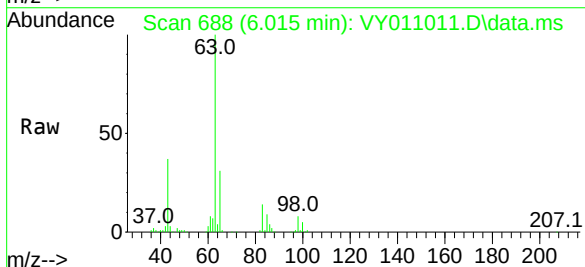
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

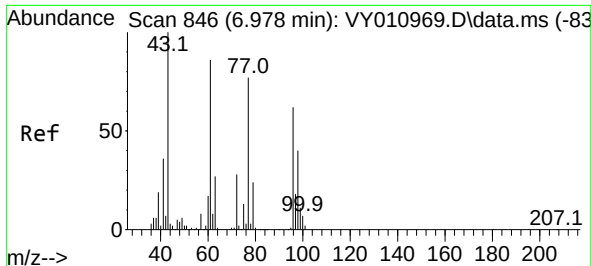
Tgt Ion: 43 Resp: 1569281
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.550 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

Tgt Ion: 63 Resp: 301670
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 272.060 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

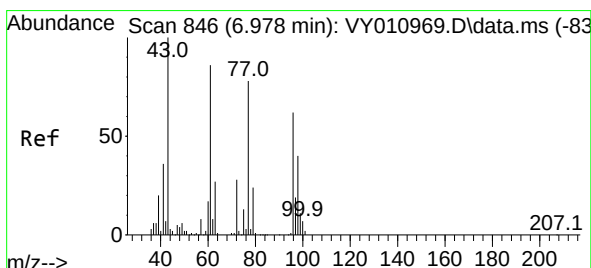
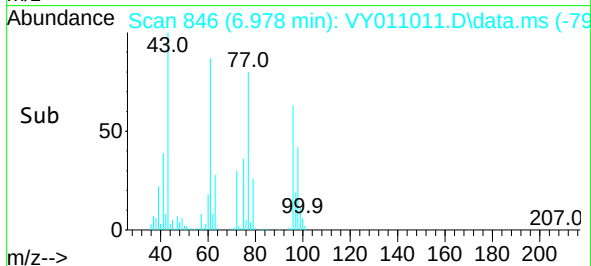
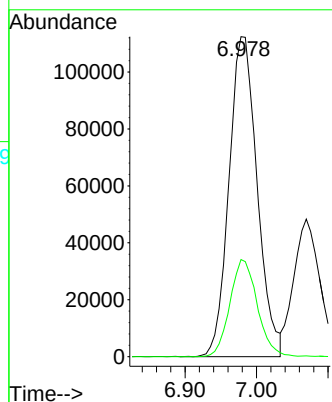
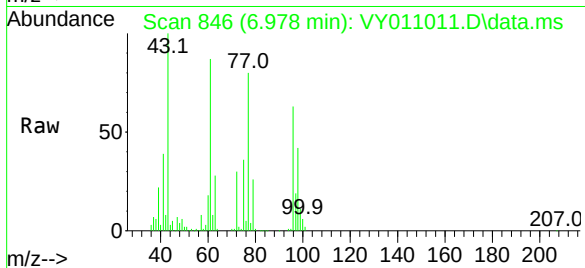
VSTDCCC050EC

Tgt Ion: 43 Resp: 308116

Ion Ratio Lower Upper

43 100

72 30.3 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 56.340 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011011.D

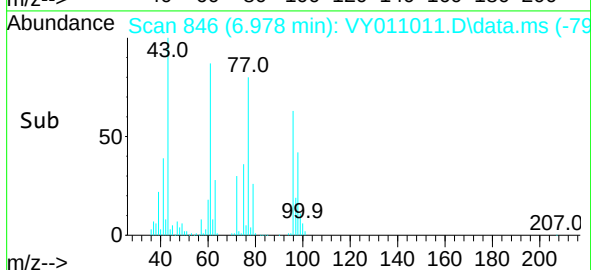
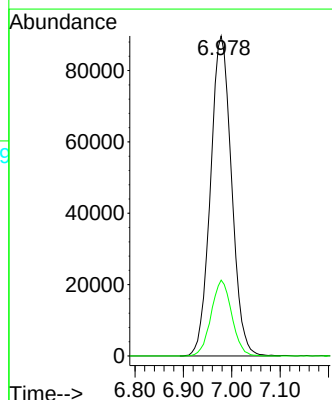
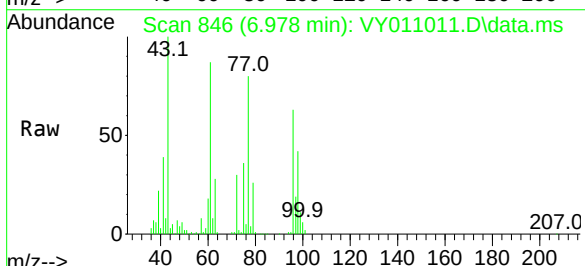
Acq: 19 Oct 2022 15:42

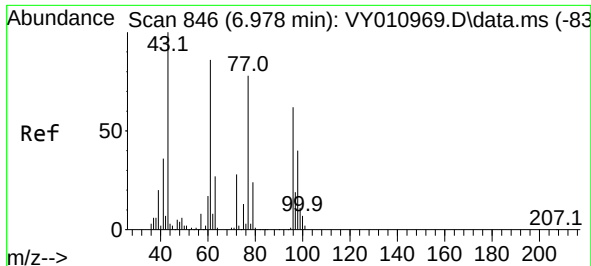
Tgt Ion: 77 Resp: 271697

Ion Ratio Lower Upper

77 100

97 23.1 10.4 31.4

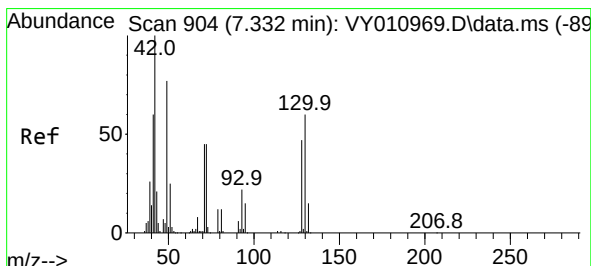
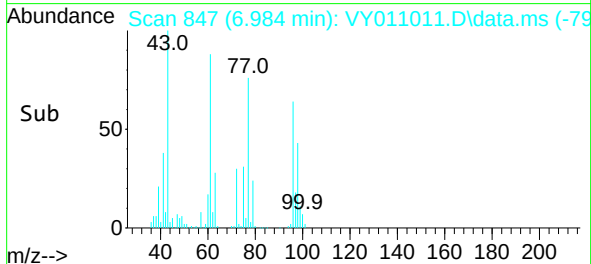
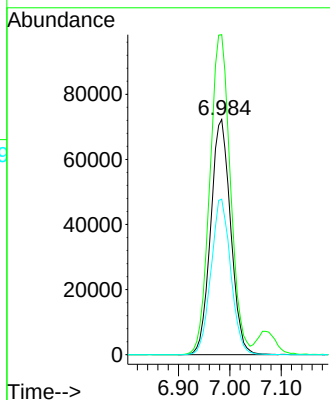
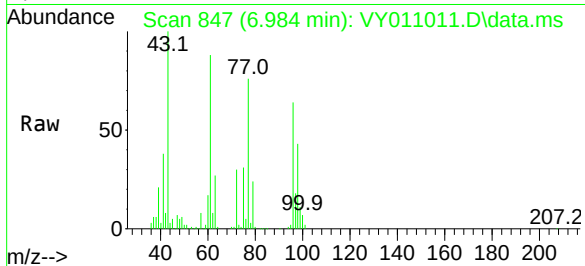




#27
 cis-1,2-Dichloroethene
 Concen: 56.681 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

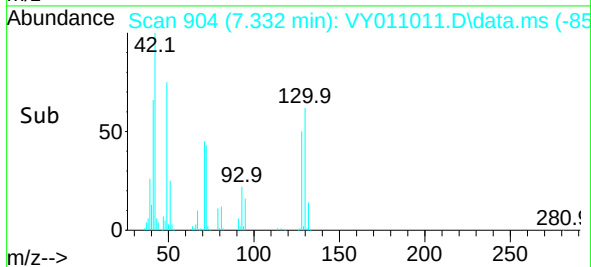
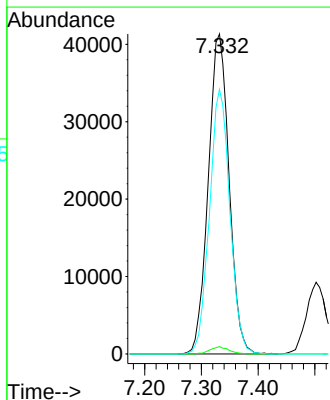
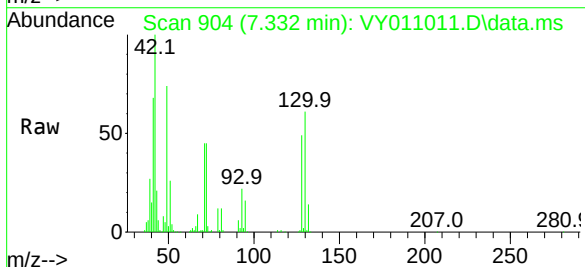
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

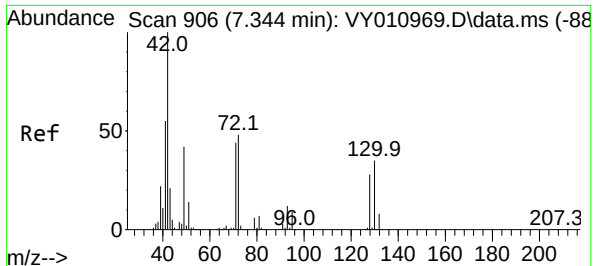
Tgt Ion: 96 Resp: 195307
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 319.8
 98 65.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 54.428 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

Tgt Ion: 49 Resp: 105384
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 81.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 265.351 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

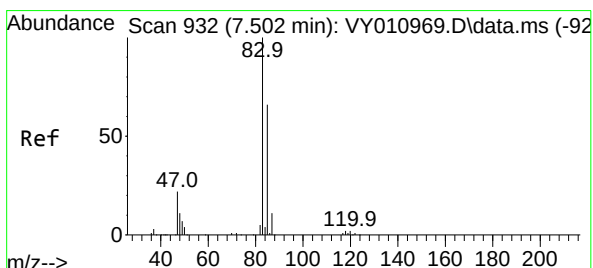
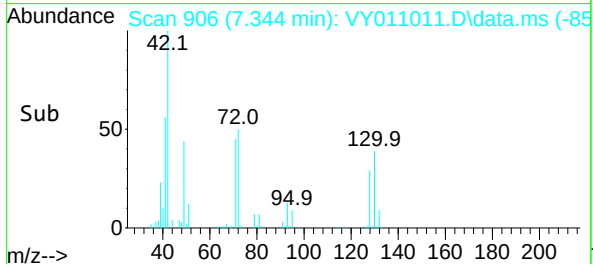
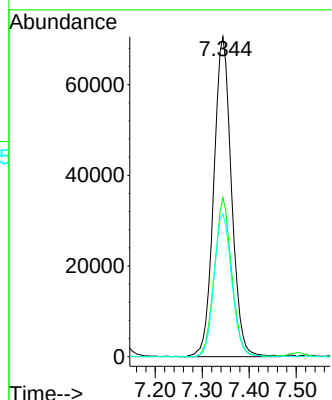
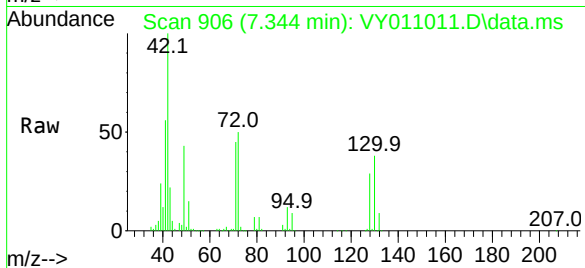
Tgt Ion: 42 Resp: 184893

Ion Ratio Lower Upper

42 100

72 48.3 30.3 45.5#

71 44.5 29.0 43.4#



#30

Chloroform

Concen: 56.528 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY011011.D

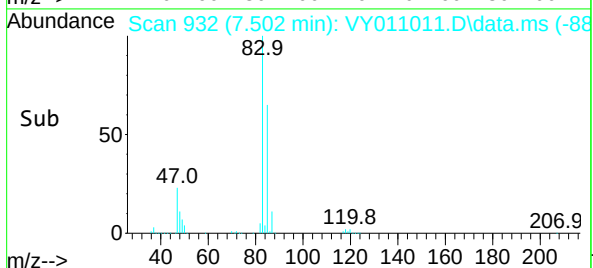
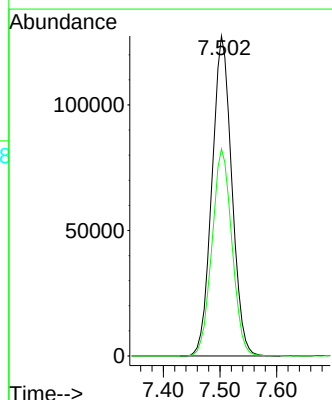
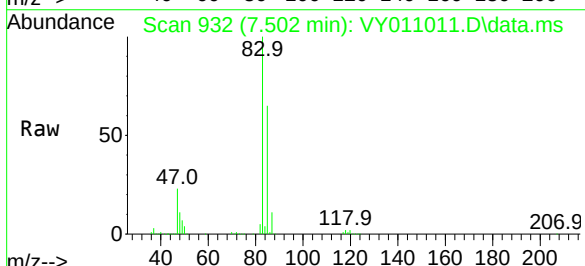
Acq: 19 Oct 2022 15:42

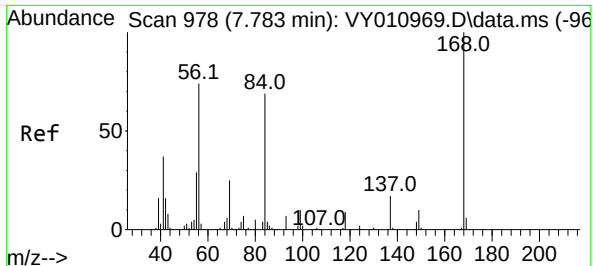
Tgt Ion: 83 Resp: 309453

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

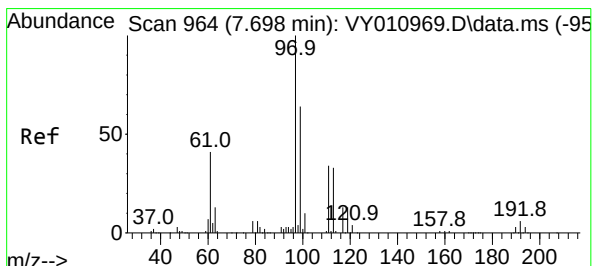
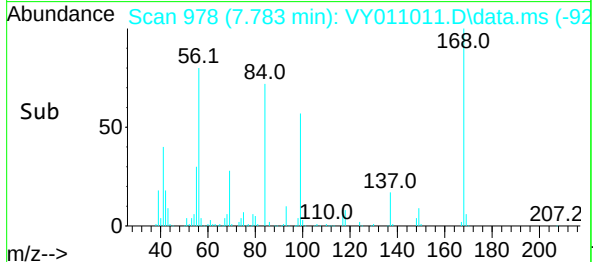
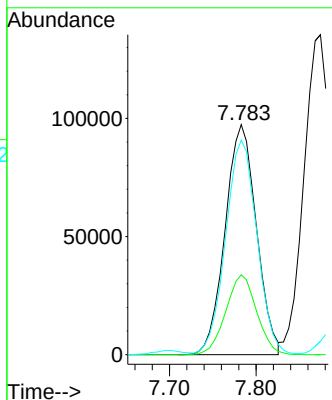
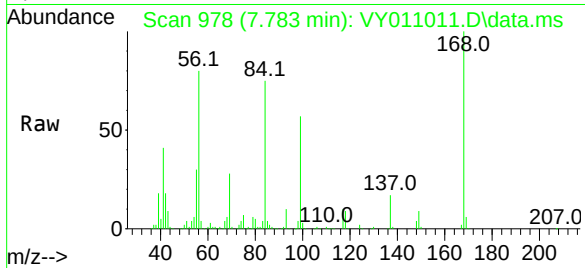




#31
Cyclohexane
Concen: 49.610 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

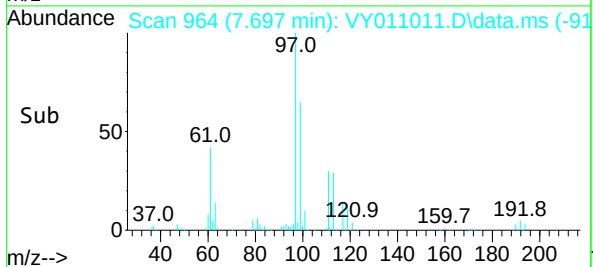
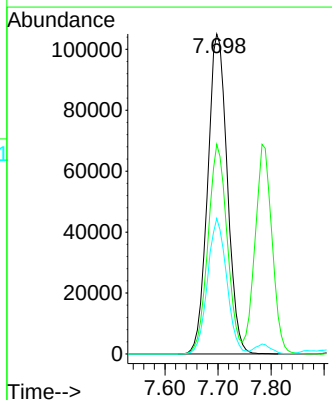
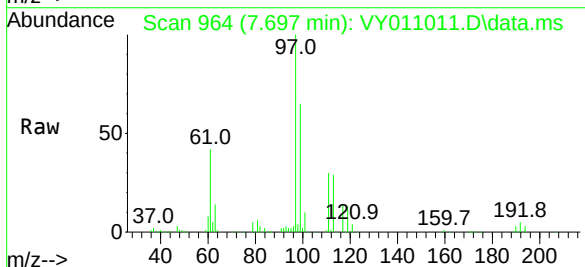
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

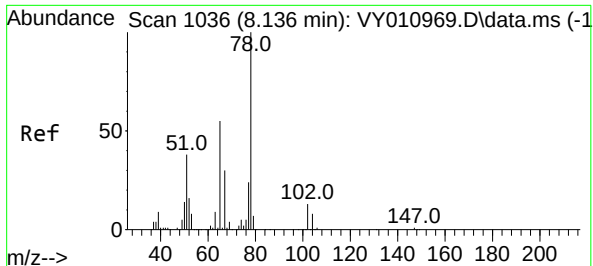
Tgt Ion: 56 Resp: 244133
Ion Ratio Lower Upper
56 100
69 34.7 26.7 40.1
84 91.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 56.096 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 97 Resp: 269929
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 41.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.497 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

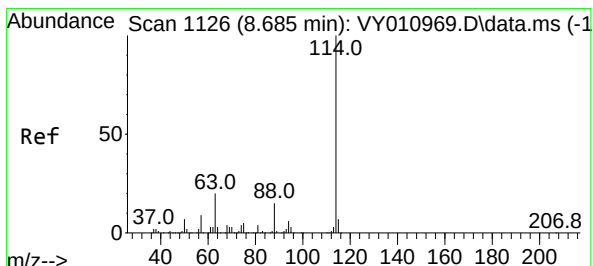
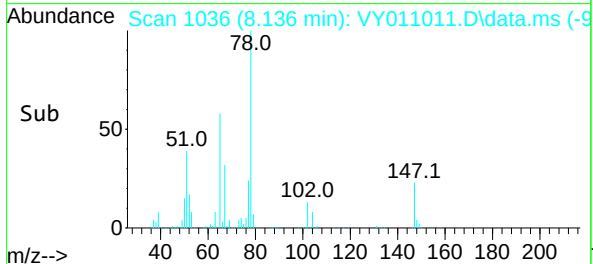
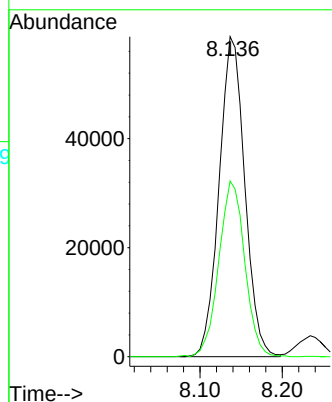
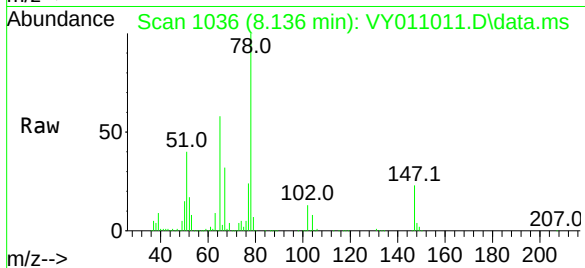
VSTDCCC050EC

Tgt Ion: 65 Resp: 127288

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

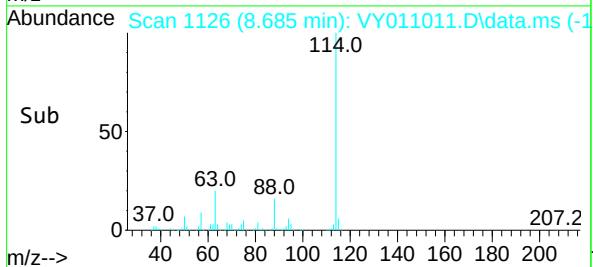
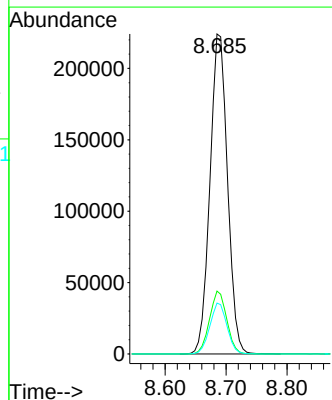
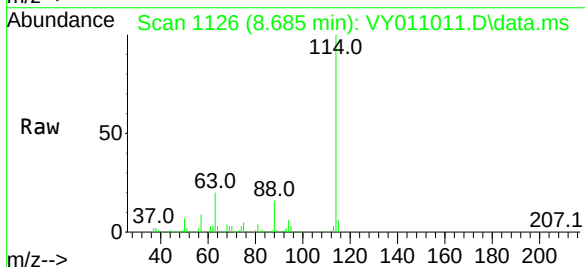
Tgt Ion: 114 Resp: 447786

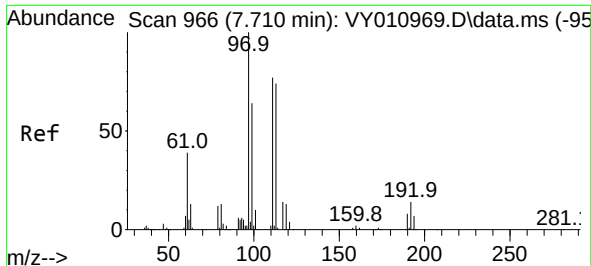
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.9 0.0 31.8

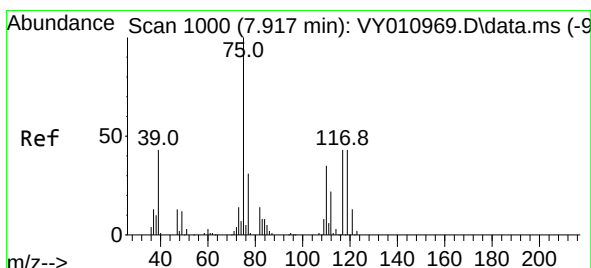
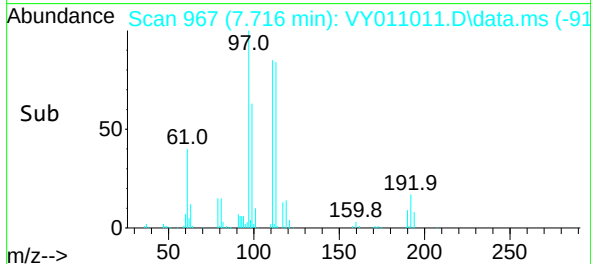
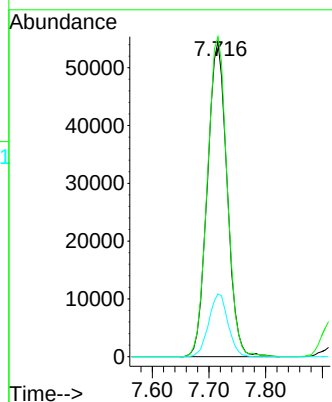
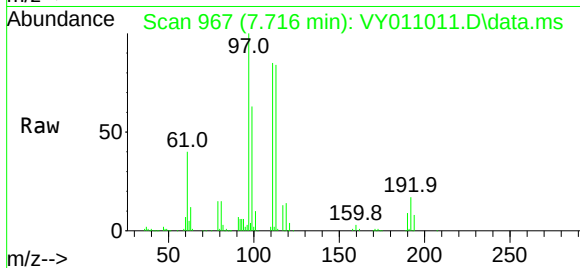




#35
Dibromofluoromethane
Concen: 52.666 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

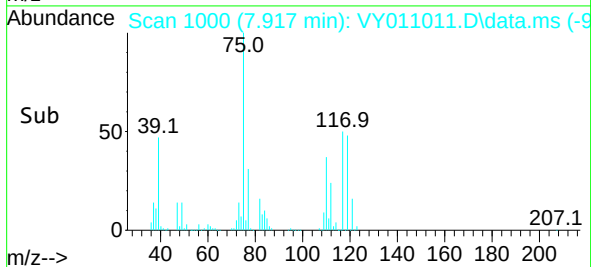
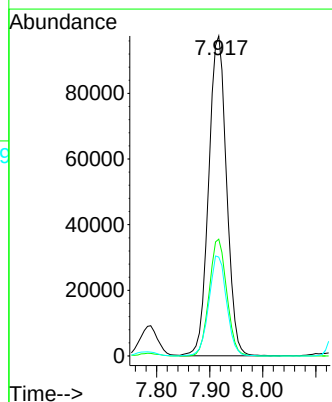
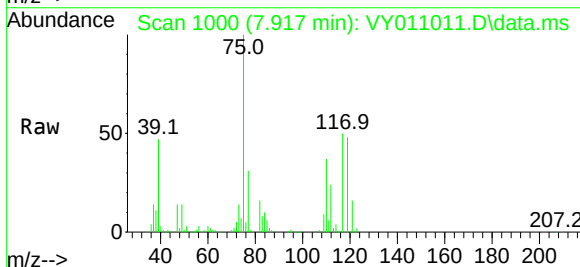
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

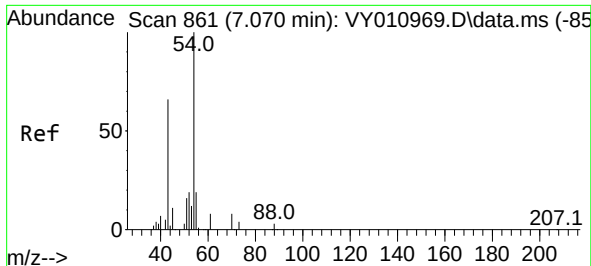
Tgt Ion:113 Resp: 131171
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 54.696 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 75 Resp: 227999
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 31.0 24.4 36.6

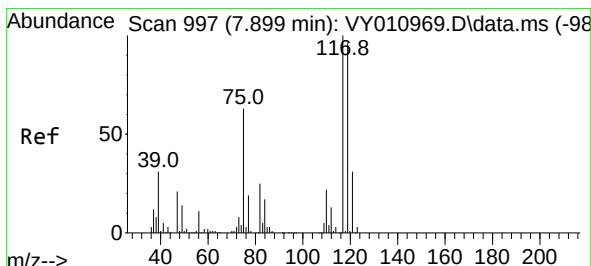
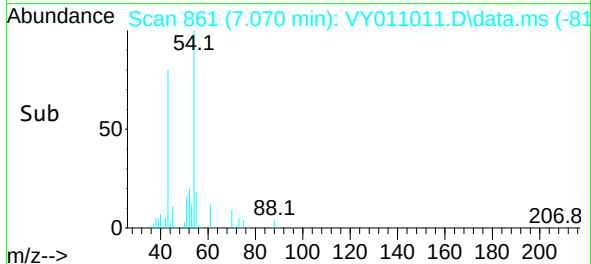
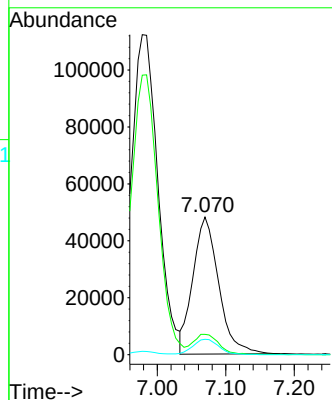
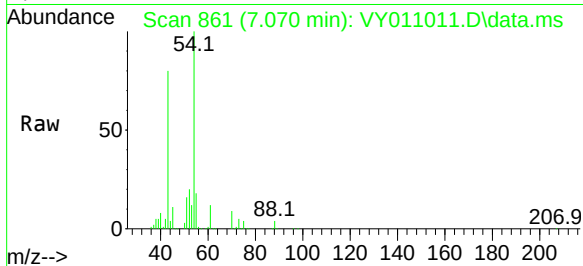




#37
Ethyl Acetate
Concen: 54.667 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

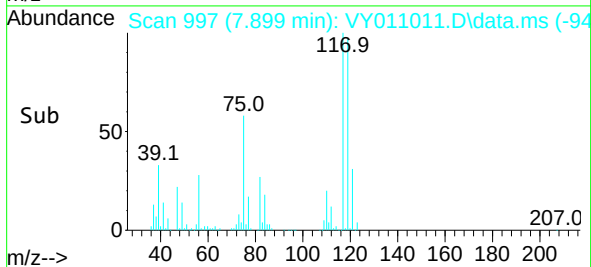
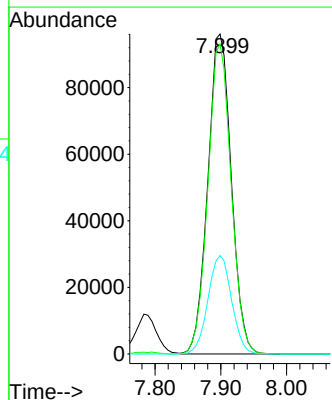
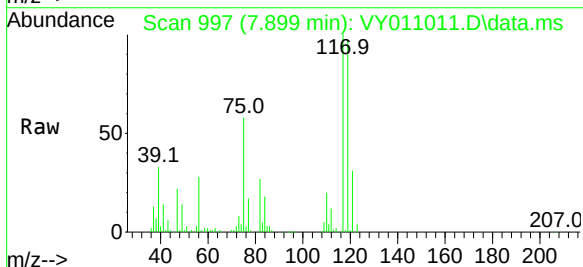
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

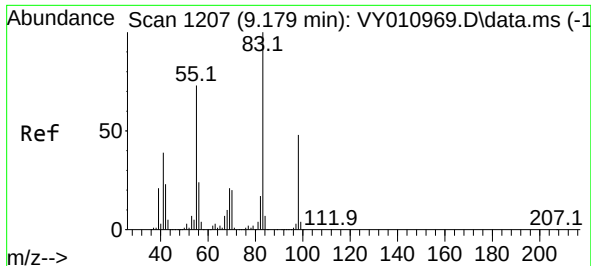
Tgt Ion: 43 Resp: 126164
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5#
70 11.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 55.547 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 117 Resp: 239017
Ion Ratio Lower Upper
117 100
119 96.9 77.9 116.9
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 54.363 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

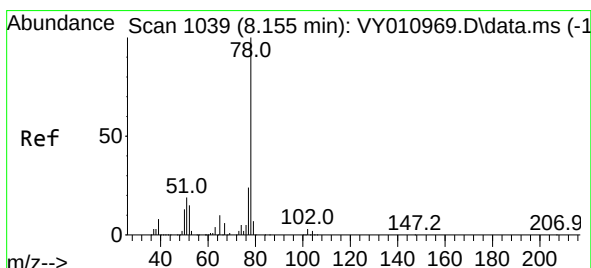
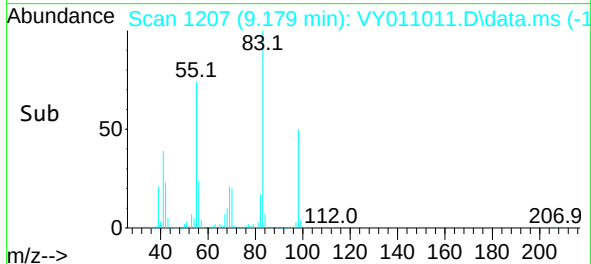
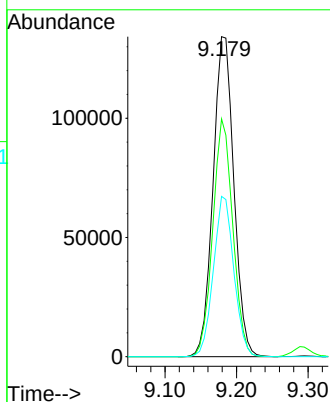
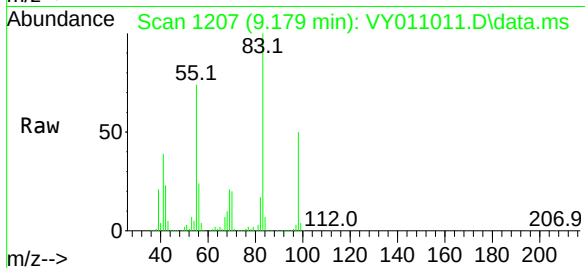
Tgt Ion: 83 Resp: 271422

Ion Ratio Lower Upper

83 100

55 74.3 66.5 99.7

98 50.1 37.9 56.9



#40

Benzene

Concen: 54.977 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY011011.D

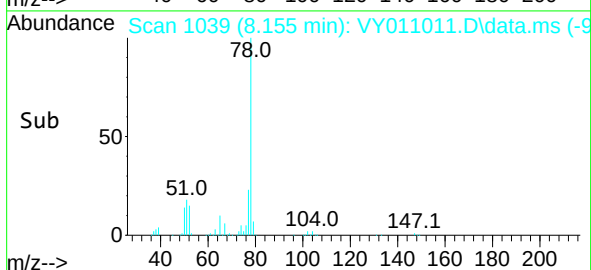
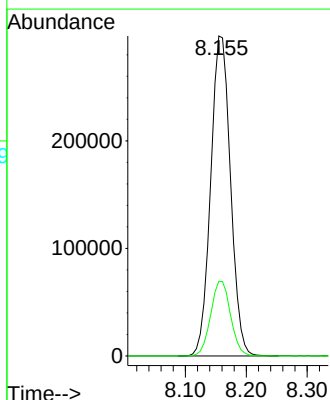
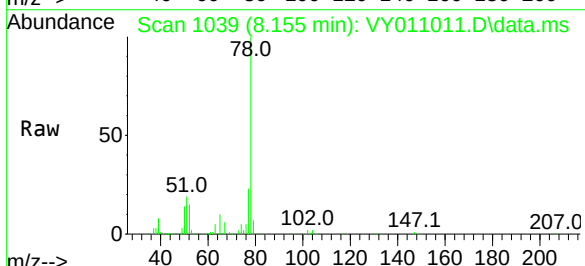
Acq: 19 Oct 2022 15:42

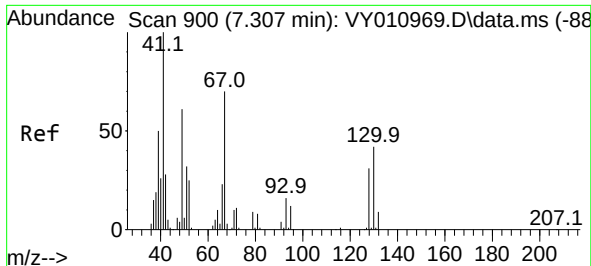
Tgt Ion: 78 Resp: 672419

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

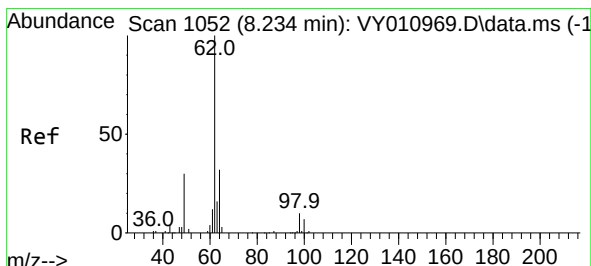
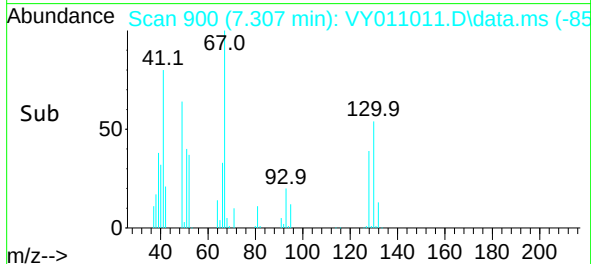
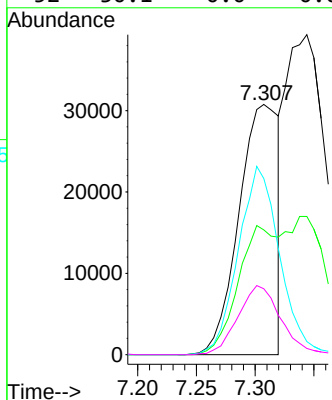
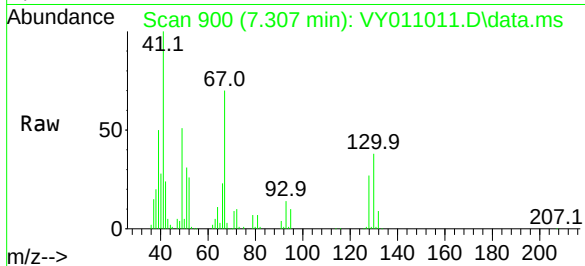




#41
Methacrylonitrile
Concen: 57.796 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

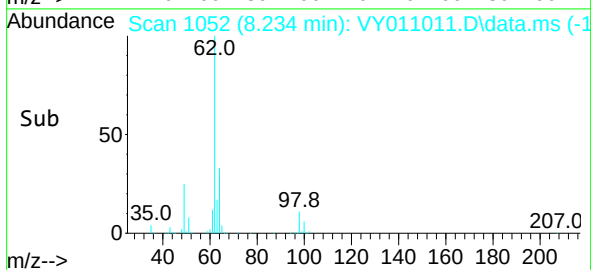
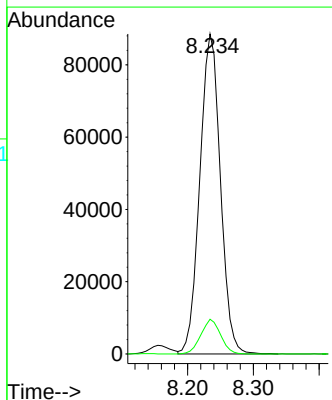
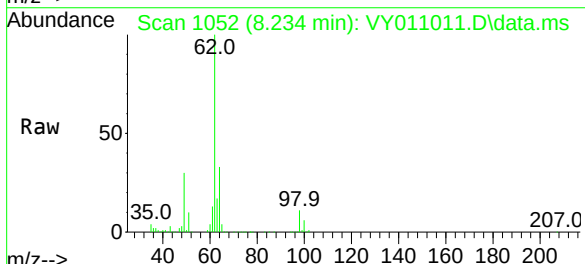
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

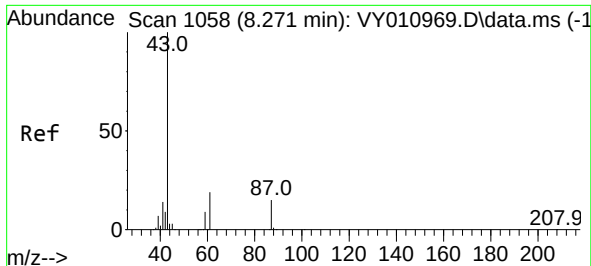
Tgt Ion: 41 Resp: 72282
Ion Ratio Lower Upper
41 100
39 51.2 92.9 139.3#
67 78.6 0.0 0.0#
52 30.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 56.780 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 62 Resp: 192425
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

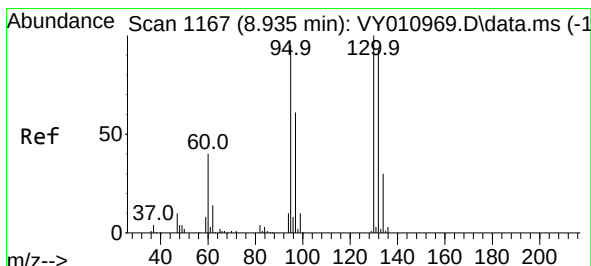
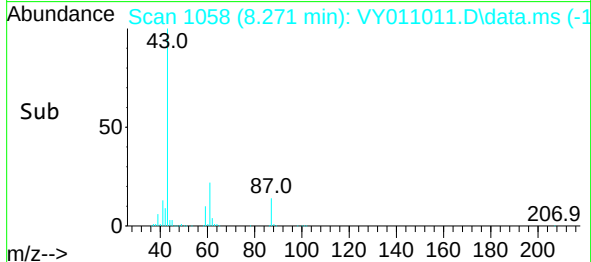
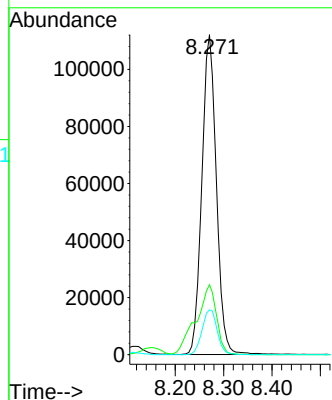
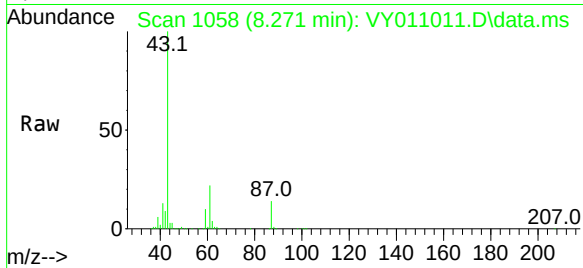




#43
Isopropyl Acetate
Concen: 56.620 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

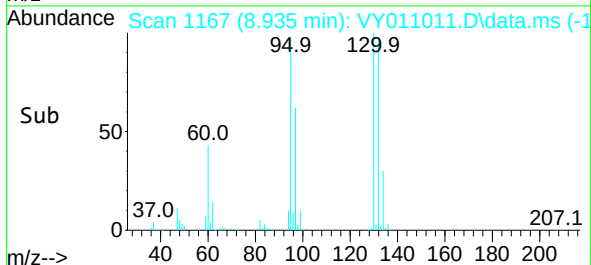
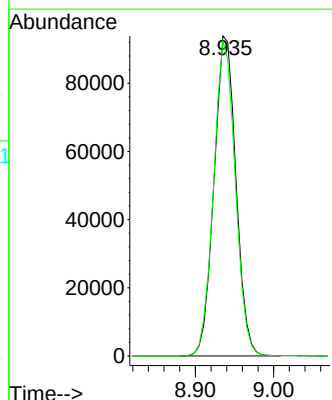
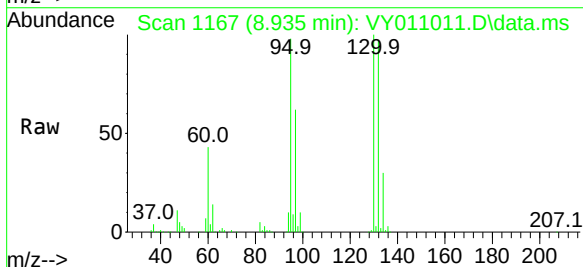
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

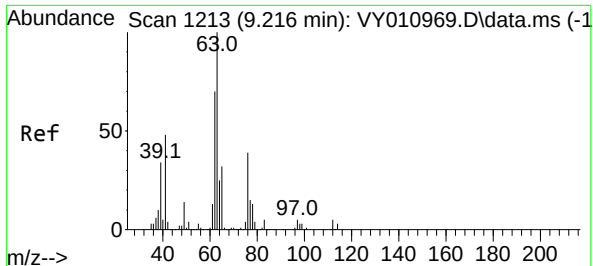
Tgt Ion: 43 Resp: 233470
Ion Ratio Lower Upper
43 100
61 30.9 20.2 30.2#
87 14.6 8.9 13.3#



#44
Trichloroethene
Concen: 55.109 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:130 Resp: 182657
Ion Ratio Lower Upper
130 100
95 98.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 55.219 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

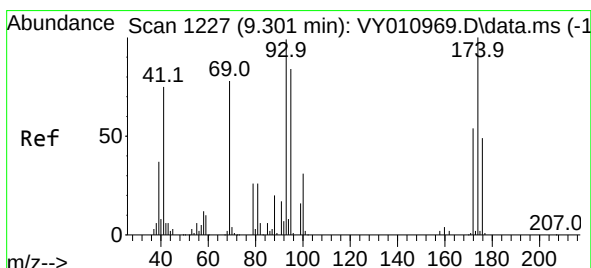
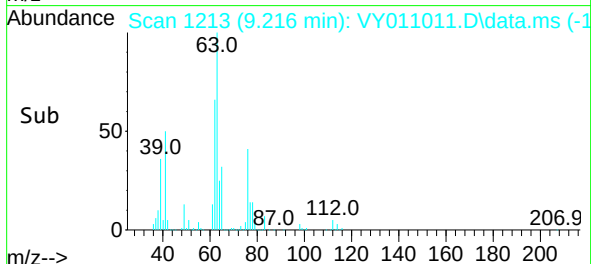
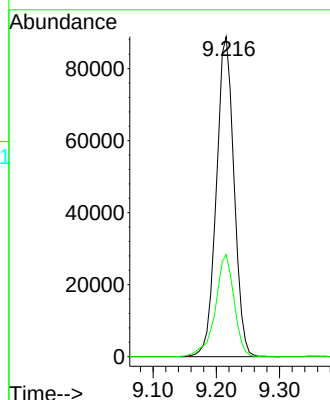
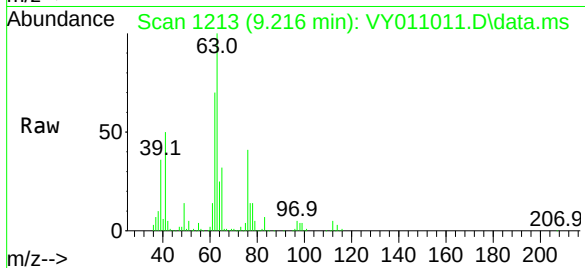
VSTDCCC050EC

Tgt Ion: 63 Resp: 171357

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.6



#46

Dibromomethane

Concen: 56.738 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

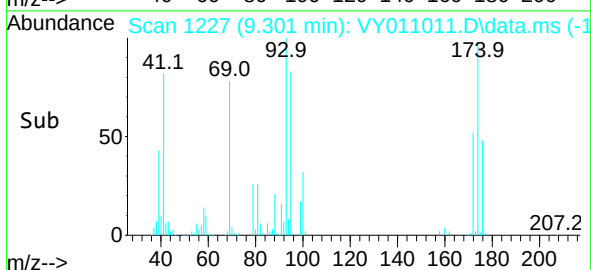
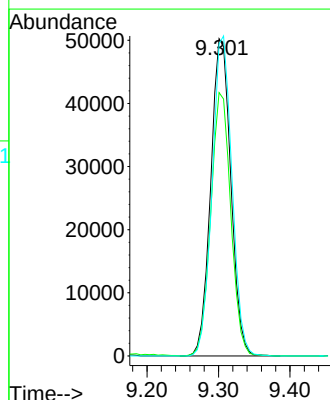
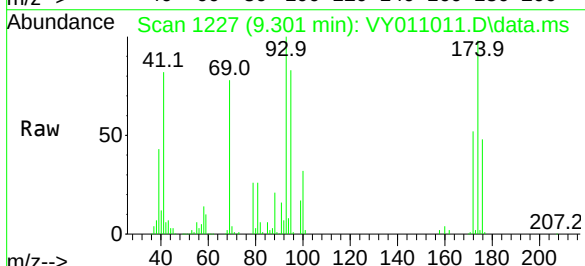
Tgt Ion: 93 Resp: 98204

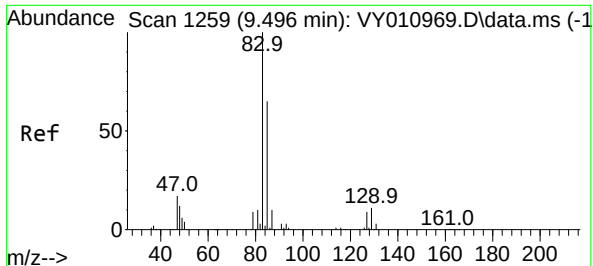
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 99.2 83.4 125.0





#47

Bromodichloromethane

Concen: 57.878 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

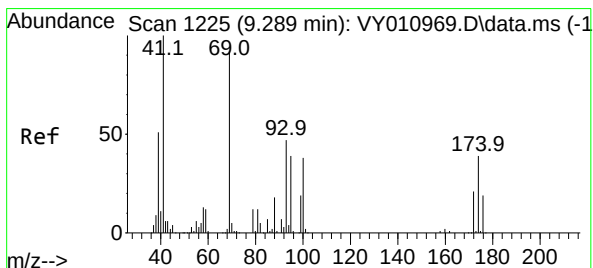
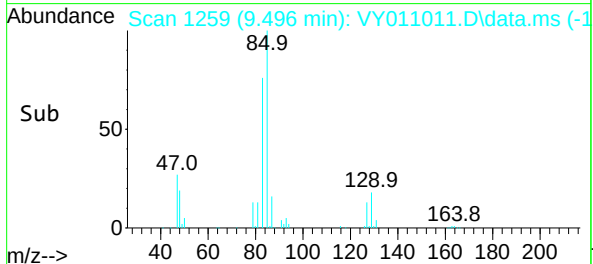
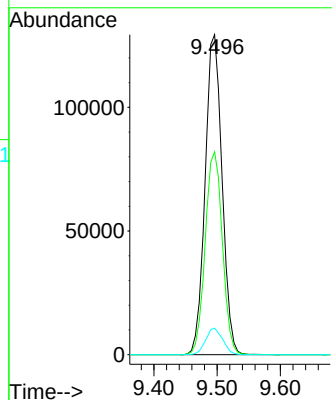
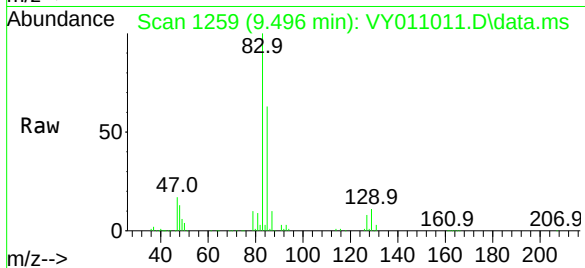
Tgt Ion: 83 Resp: 241406

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 56.896 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

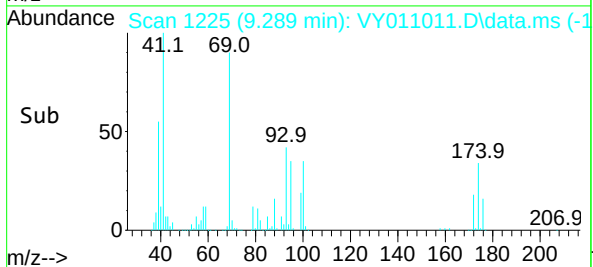
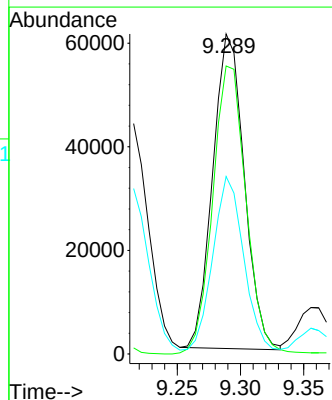
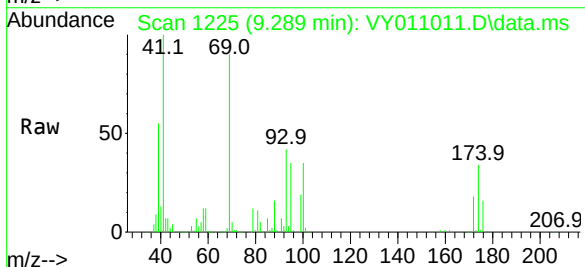
Tgt Ion: 41 Resp: 104997

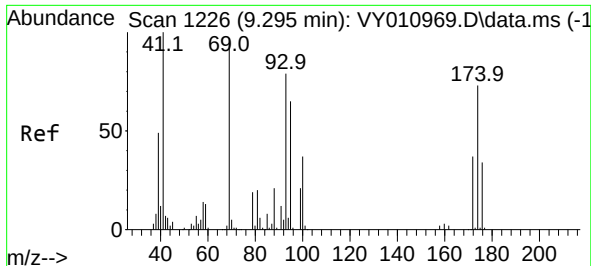
Ion Ratio Lower Upper

41 100

69 97.2 58.2 87.2#

39 56.4 47.4 71.0

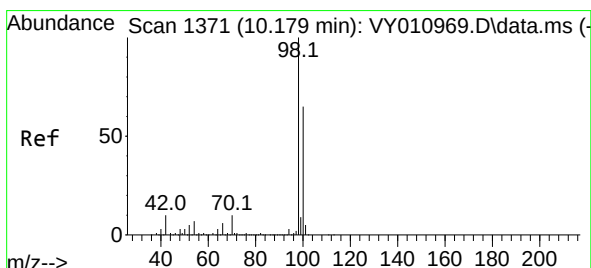
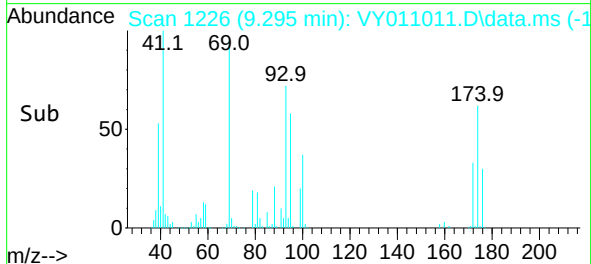
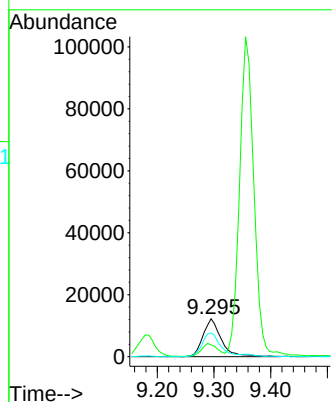
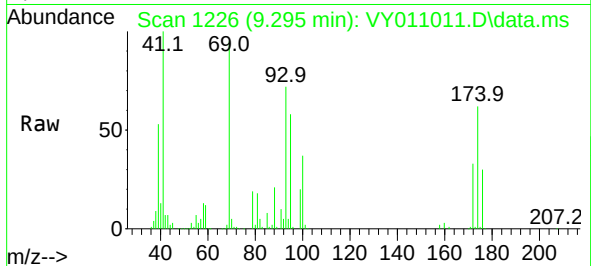




#49
1,4-Dioxane
Concen: 1099.358 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

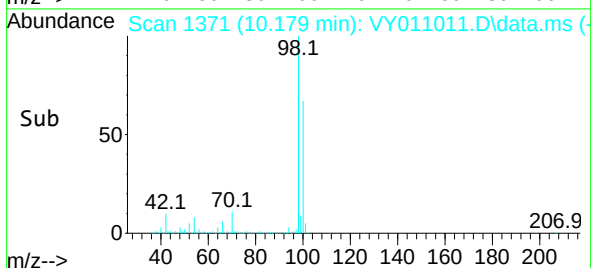
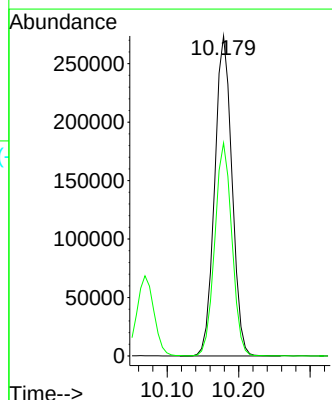
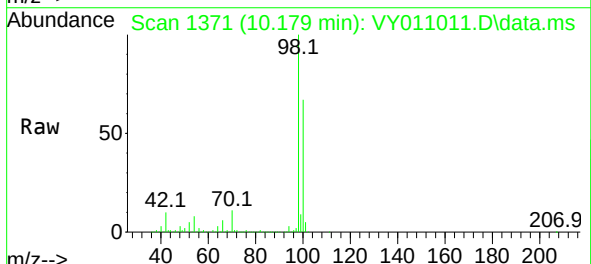
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

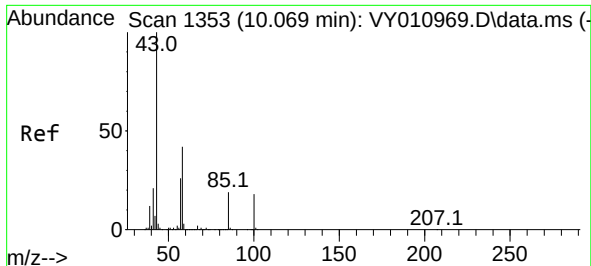
Tgt Ion: 88 Resp: 27339
Ion Ratio Lower Upper
88 100
43 29.7 32.8 49.2#
58 62.8 59.8 89.6



#50
Toluene-d8
Concen: 49.206 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 98 Resp: 460061
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

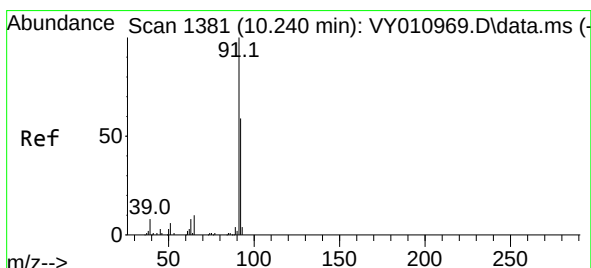
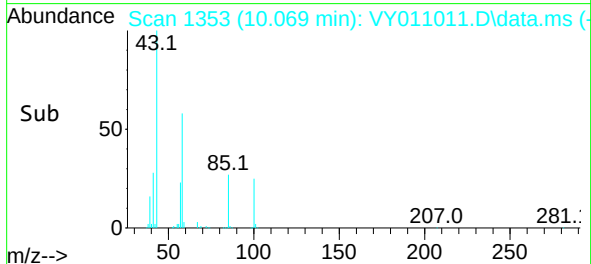
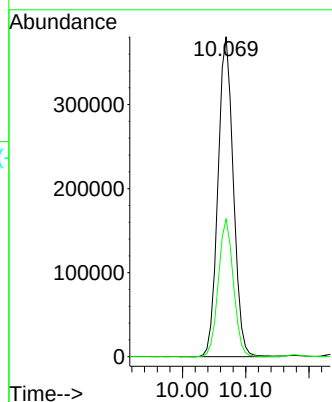
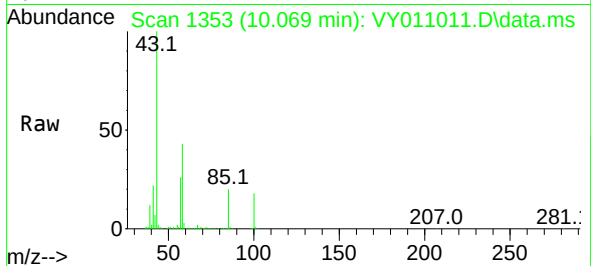




#51
4-Methyl-2-Pentanone
Concen: 278.227 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

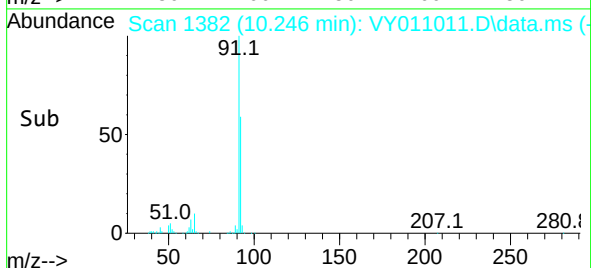
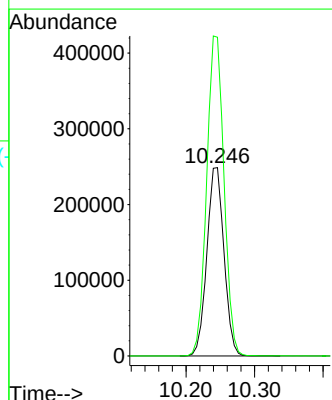
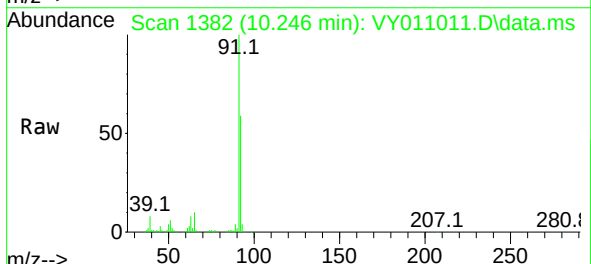
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

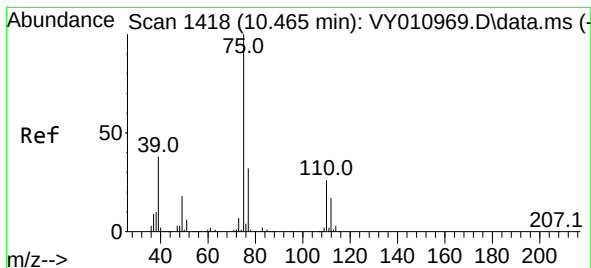
Tgt Ion: 43 Resp: 639812
Ion Ratio Lower Upper
43 100
58 42.1 28.1 42.1



#52
Toluene
Concen: 56.880 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 92 Resp: 432193
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

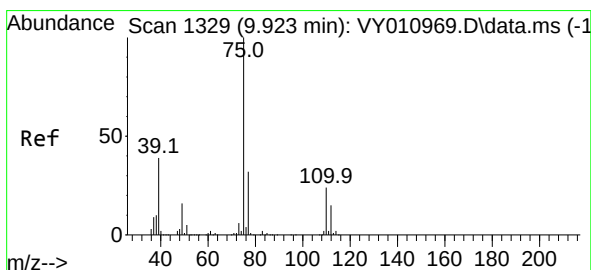
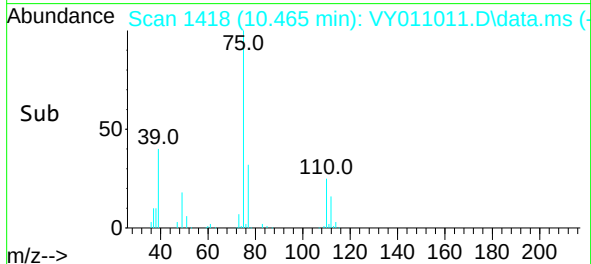
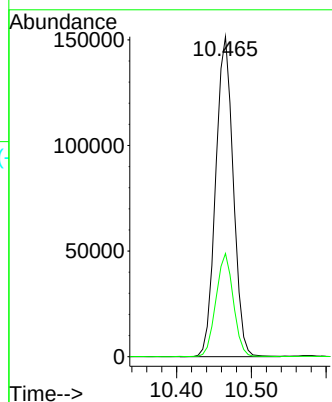
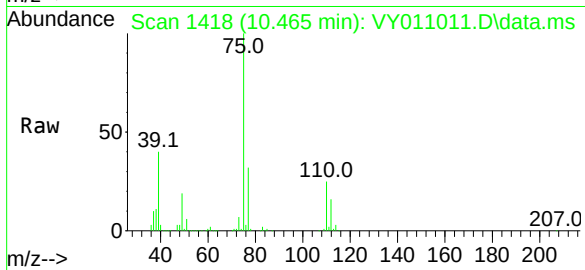




#53
t-1,3-Dichloropropene
Concen: 57.179 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

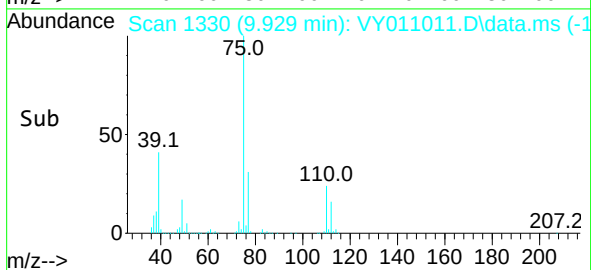
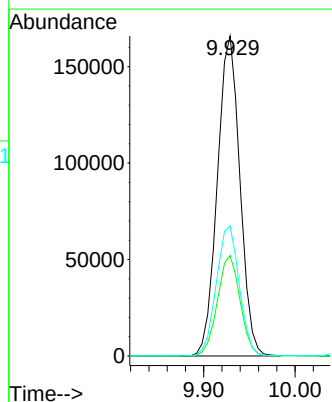
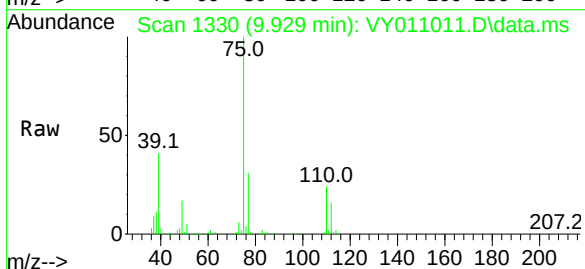
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

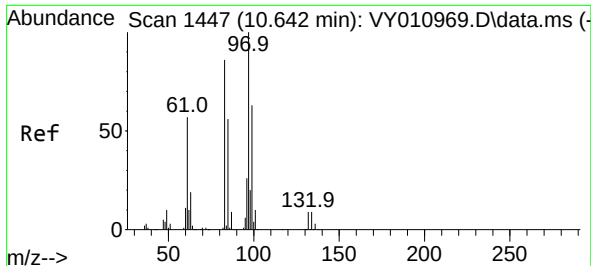
Tgt Ion: 75 Resp: 247759
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 57.354 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 75 Resp: 284392
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 40.5 47.6 71.4#



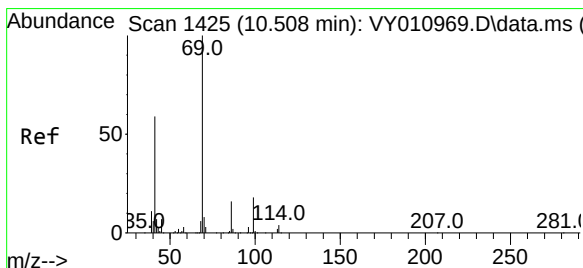
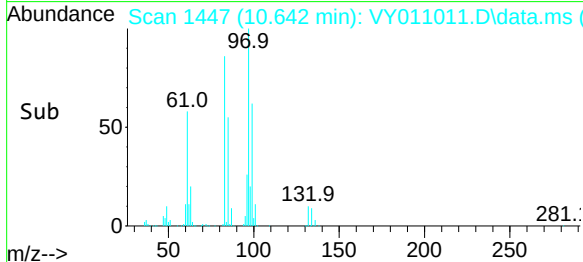
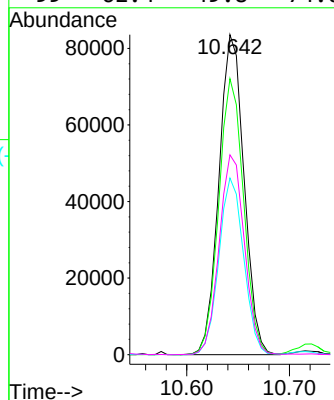
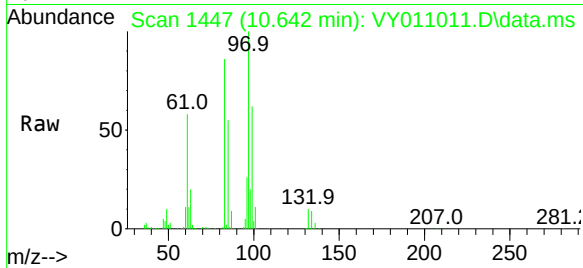


#55
1,1,2-Trichloroethane
Concen: 56.754 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 141712

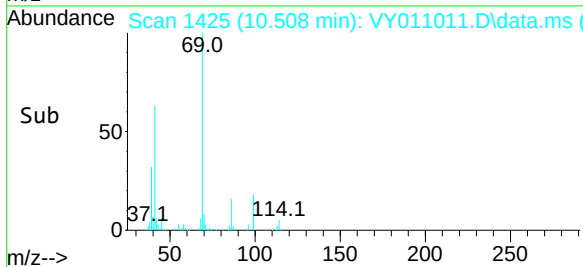
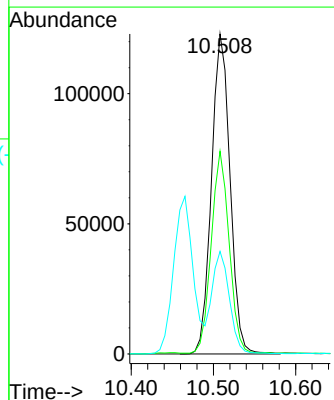
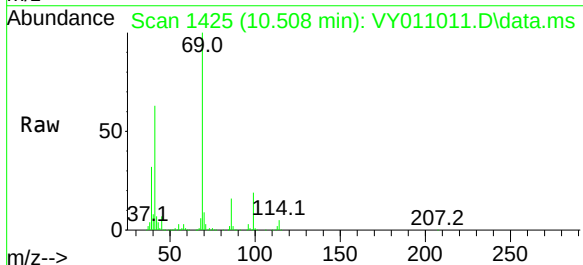
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.8
85	55.2	44.3	66.5
99	62.4	49.8	74.6

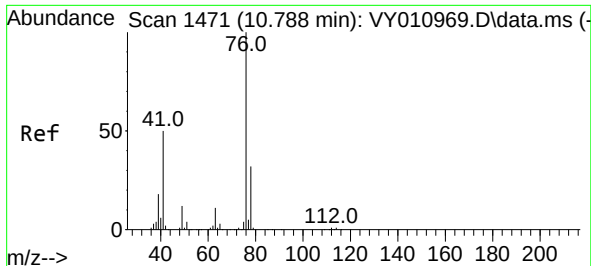


#56
Ethyl methacrylate
Concen: 58.218 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 69 Resp: 193070

Ion	Ratio	Lower	Upper
69	100		
41	60.6	63.4	95.0#
39	30.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 56.417 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

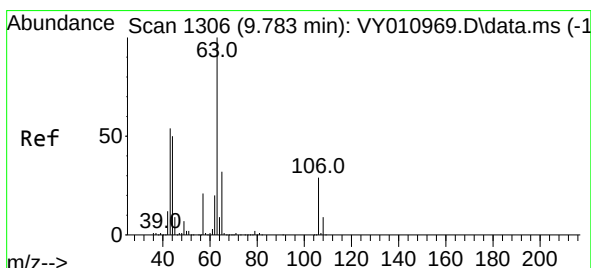
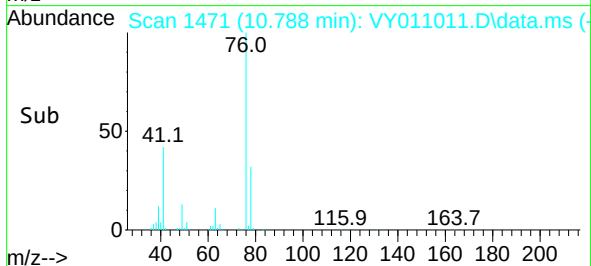
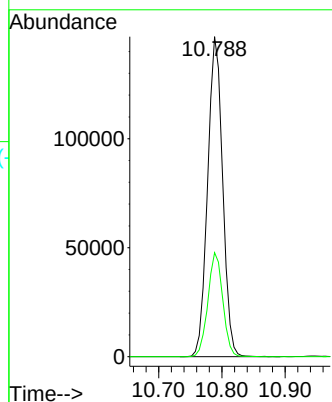
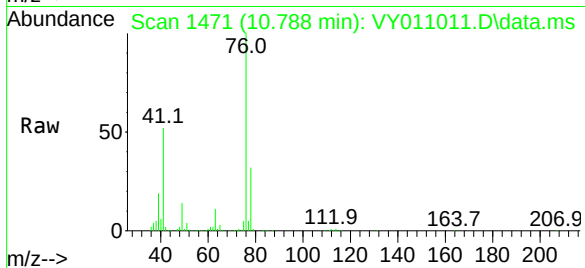
VSTDCCC050EC

Tgt Ion: 76 Resp: 242202

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 282.192 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011011.D

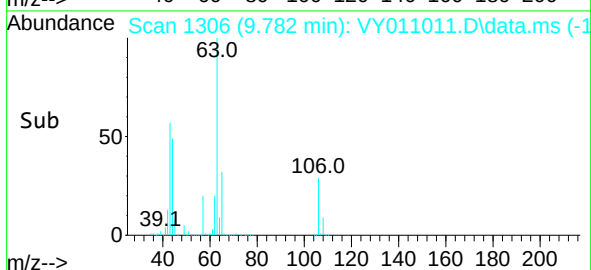
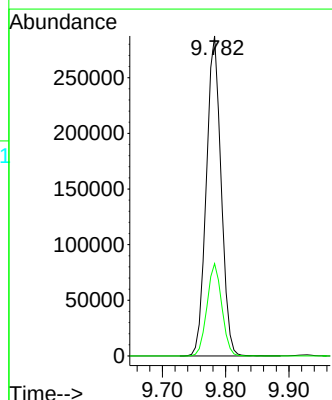
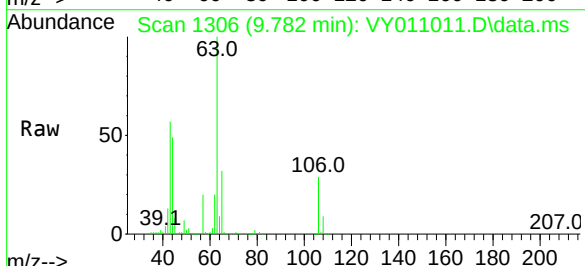
Acq: 19 Oct 2022 15:42

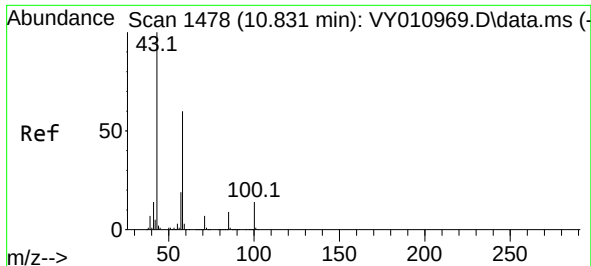
Tgt Ion: 63 Resp: 466875

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

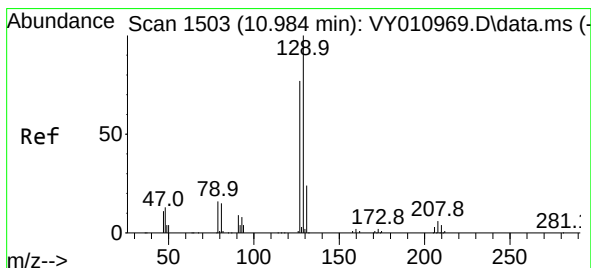
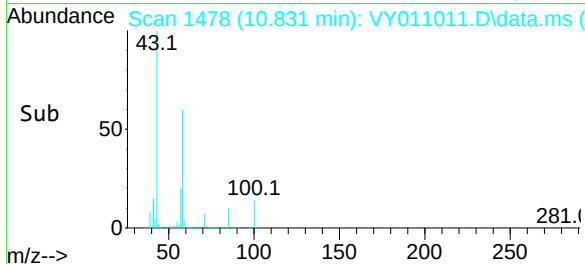
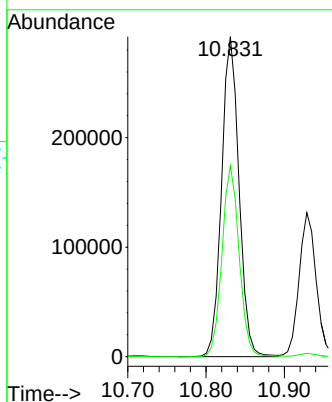
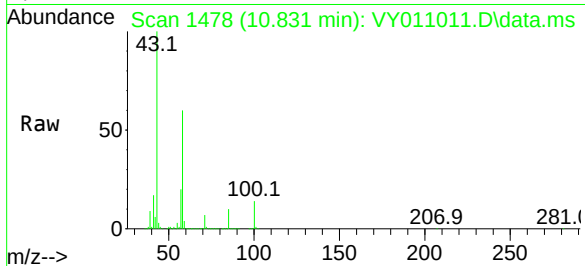




#59
2-Hexanone
Concen: 285.931 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

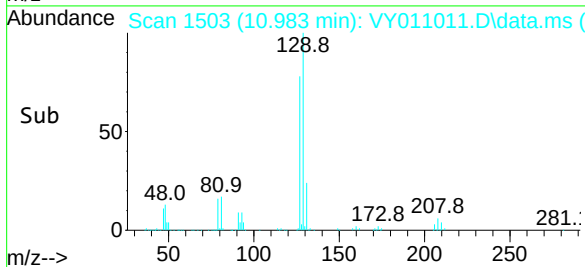
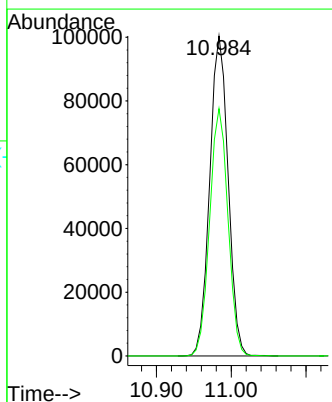
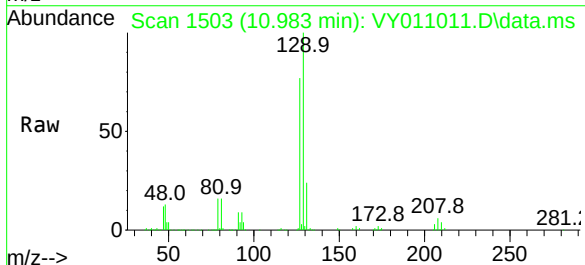
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

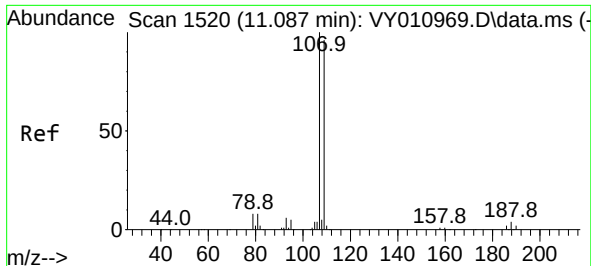
Tgt Ion: 43 Resp: 451664
Ion Ratio Lower Upper
43 100
58 58.9 24.4 73.4



#60
Dibromochloromethane
Concen: 58.016 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 129 Resp: 172256
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

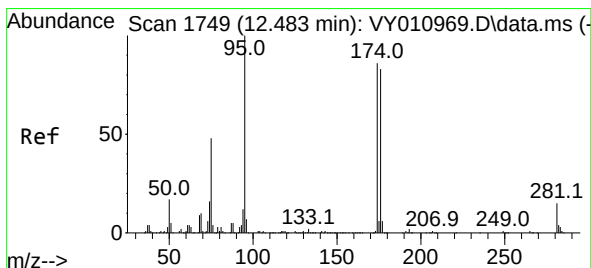
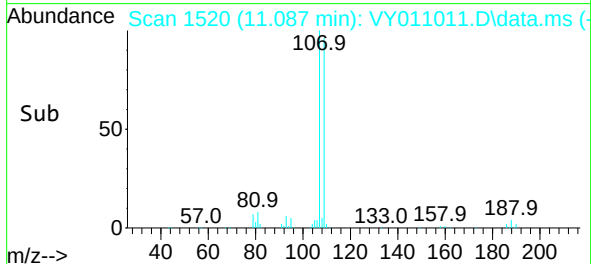
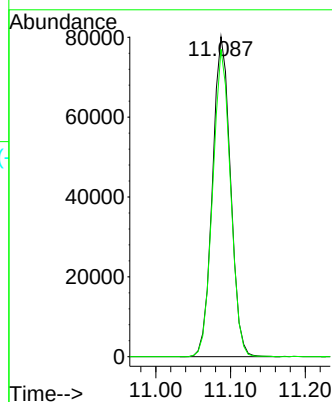
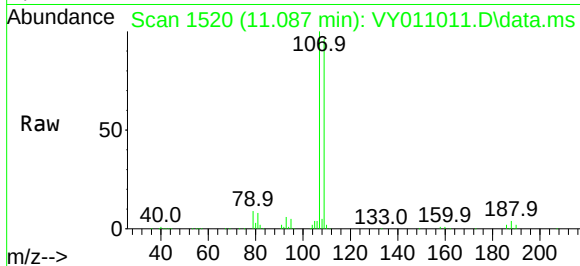




#61
1,2-Dibromoethane
Concen: 56.077 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

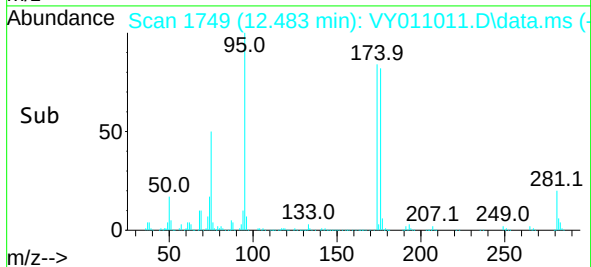
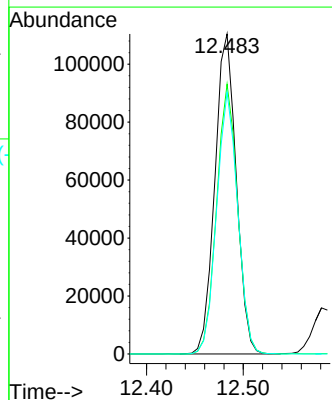
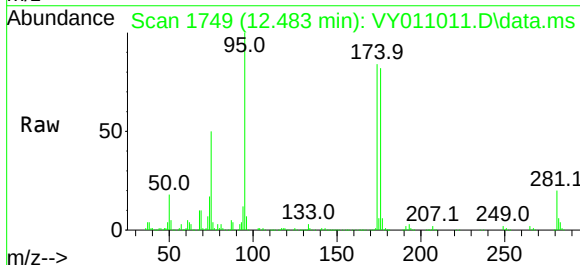
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

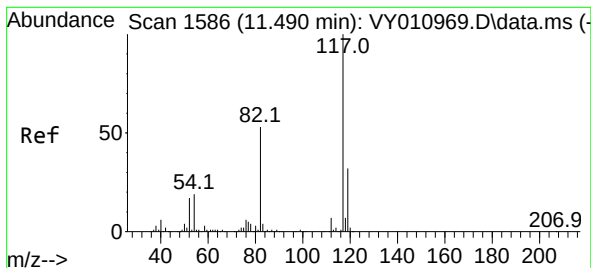
Tgt Ion:107 Resp: 134088
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 95 Resp: 169438
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 80.2 0.0 175.8

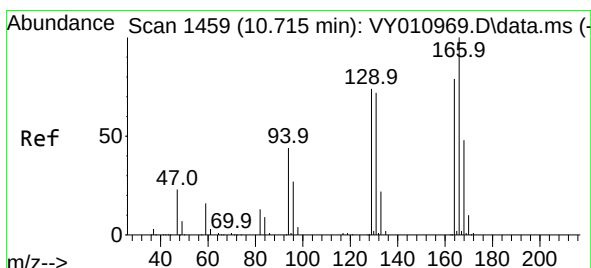
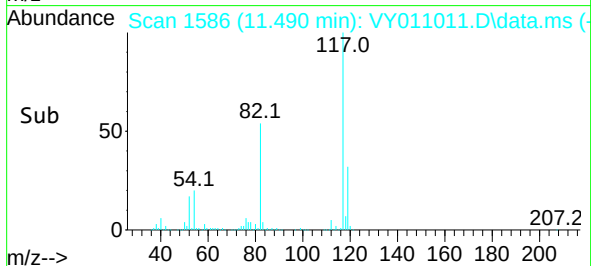
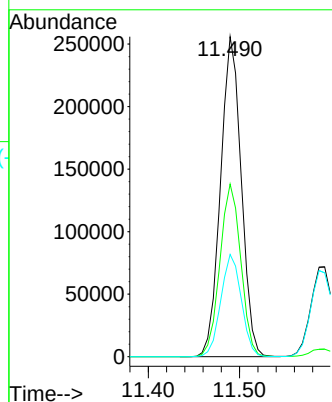
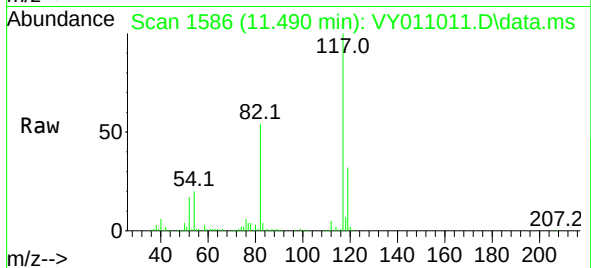




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

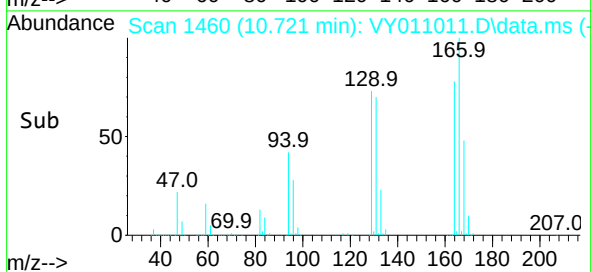
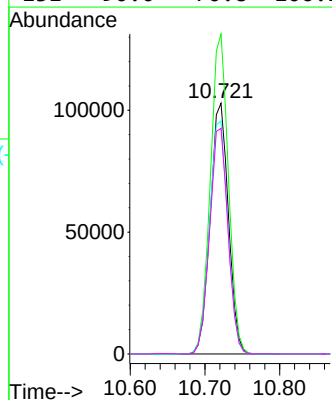
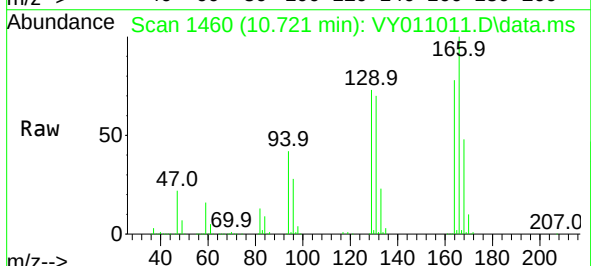
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

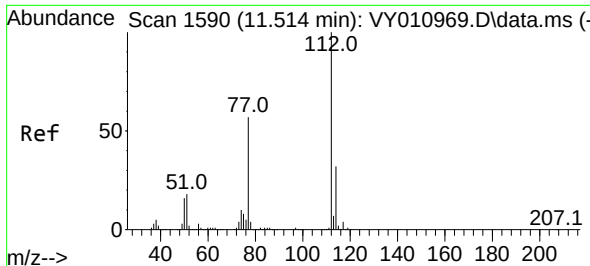
Tgt Ion:117 Resp: 403906
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 55.413 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:164 Resp: 174230
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 92.9 71.4 107.0
131 90.0 70.8 106.2

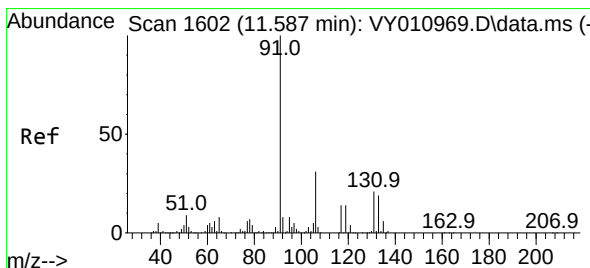
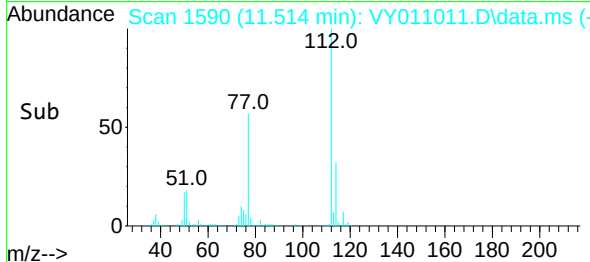
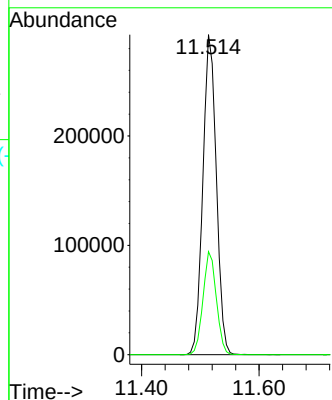
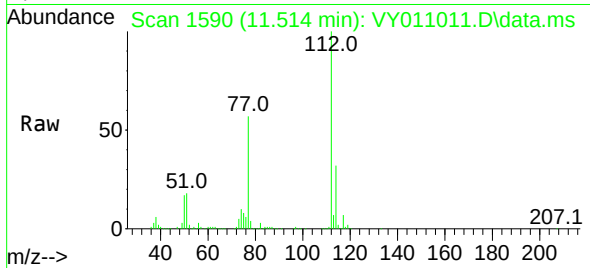




#65
Chlorobenzene
Concen: 56.251 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

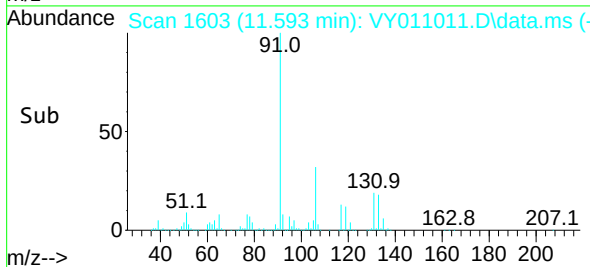
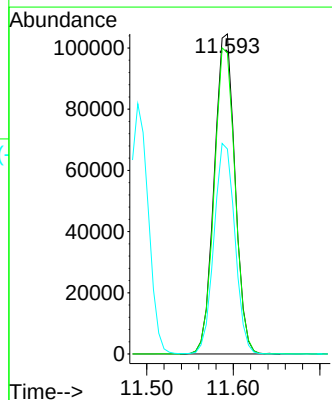
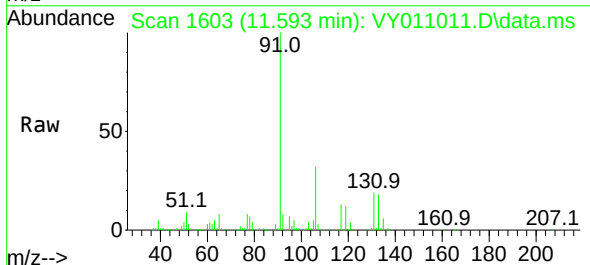
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

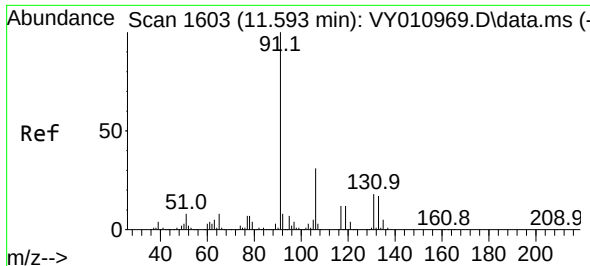
Tgt Ion:112 Resp: 466454
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.806 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:131 Resp: 174355
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 66.2 30.8 92.3





#67

Ethyl Benzene

Concen: 56.814 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

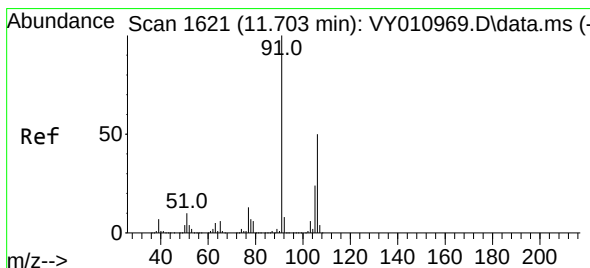
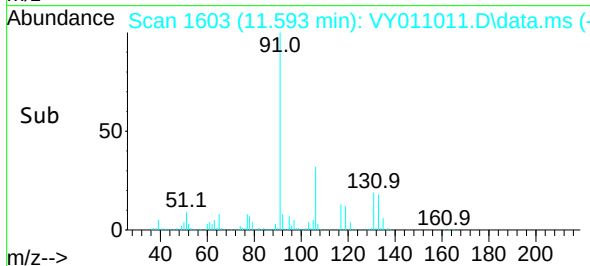
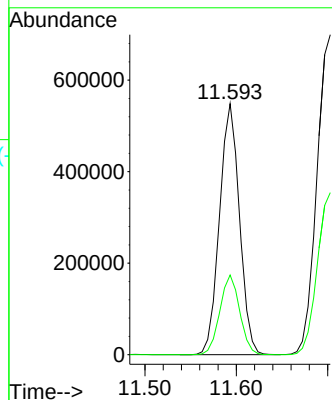
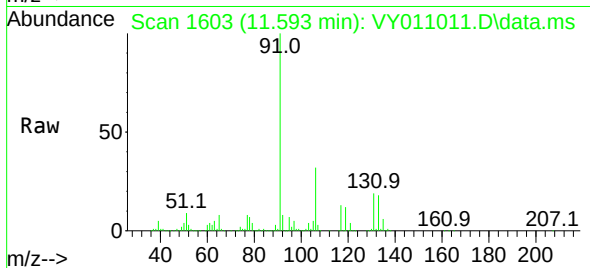
VSTDCCC050EC

Tgt Ion: 91 Resp: 833483

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 113.937 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011011.D

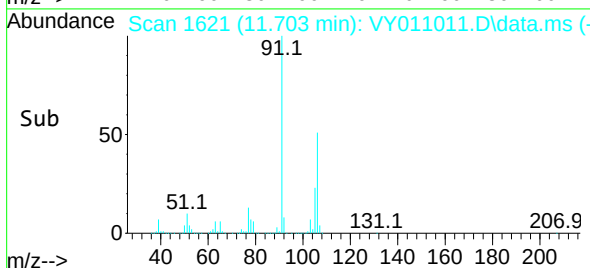
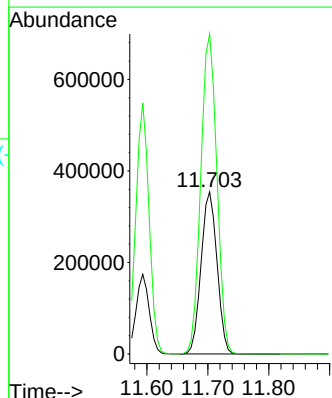
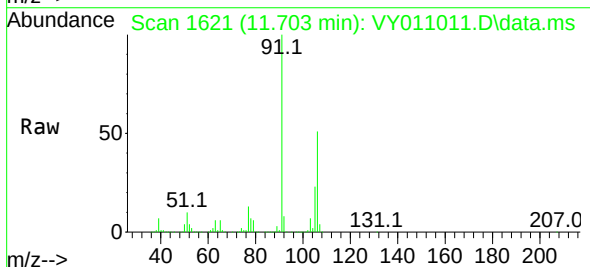
Acq: 19 Oct 2022 15:42

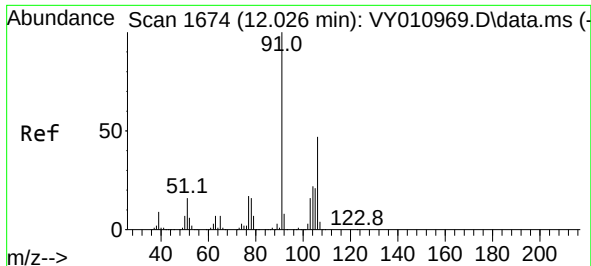
Tgt Ion: 106 Resp: 642994

Ion Ratio Lower Upper

106 100

91 199.2 166.6 249.8

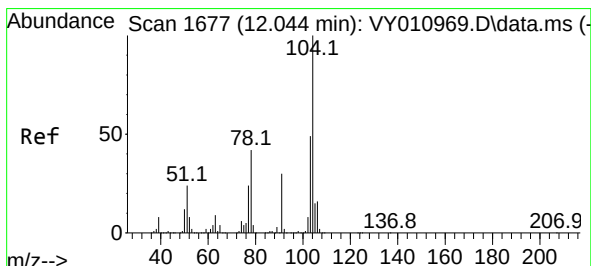
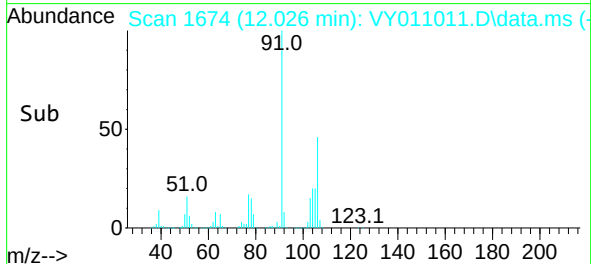
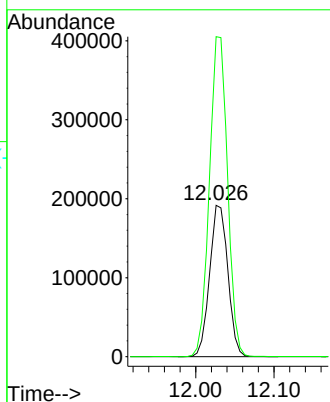
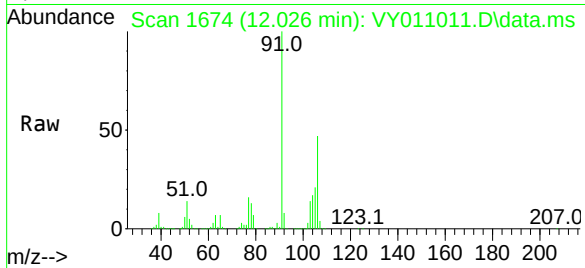




#69
o-Xylene
Concen: 57.727 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

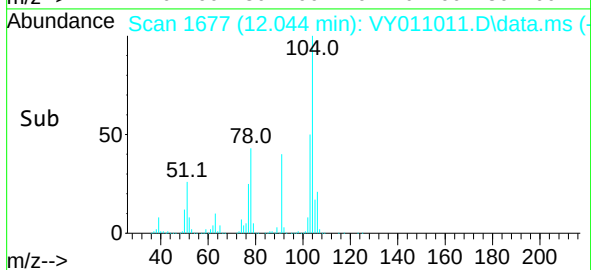
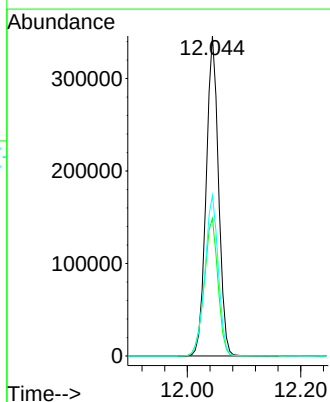
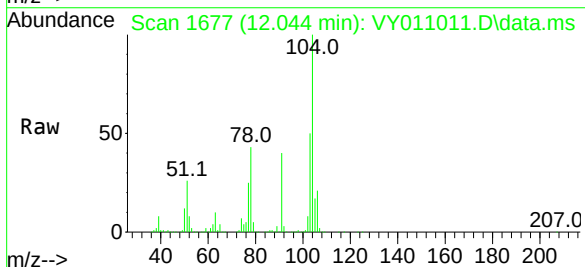
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

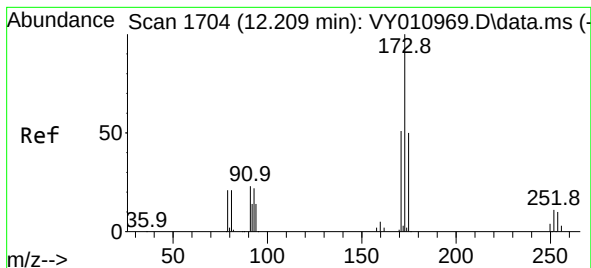
Tgt Ion:106 Resp: 309340
Ion Ratio Lower Upper
106 100
91 210.6 110.3 331.0



#70
Styrene
Concen: 57.880 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:104 Resp: 525549
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 57.461 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

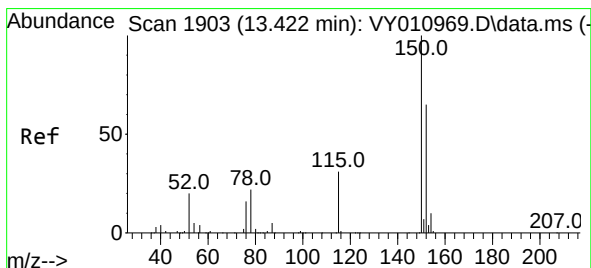
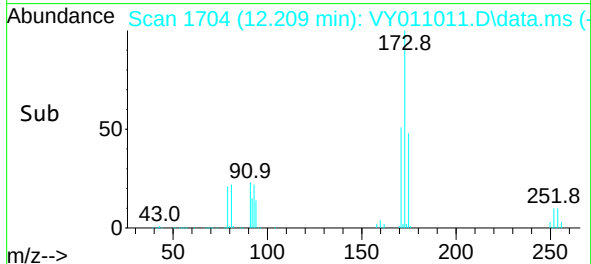
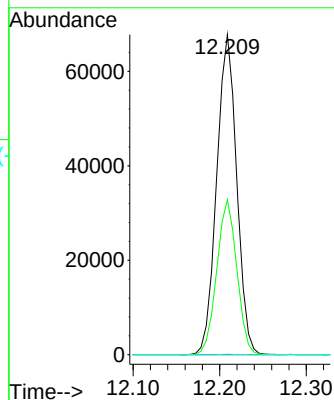
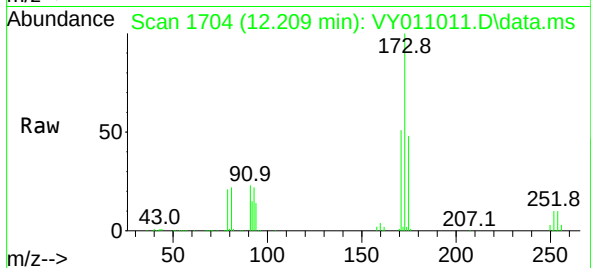
Tgt Ion:173 Resp: 108845

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

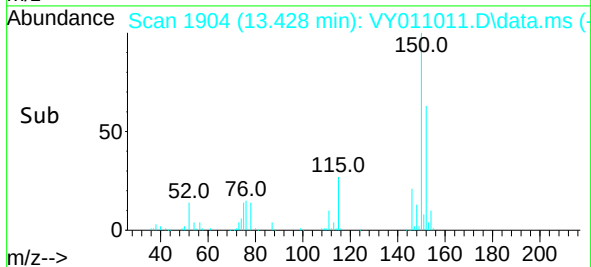
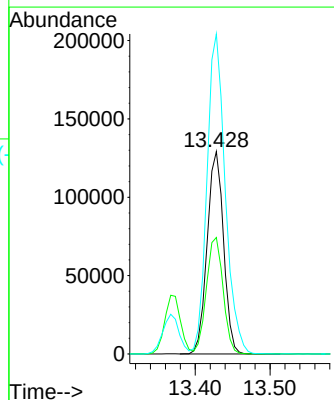
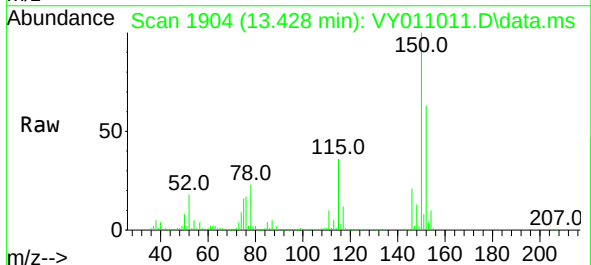
Tgt Ion:152 Resp: 196857

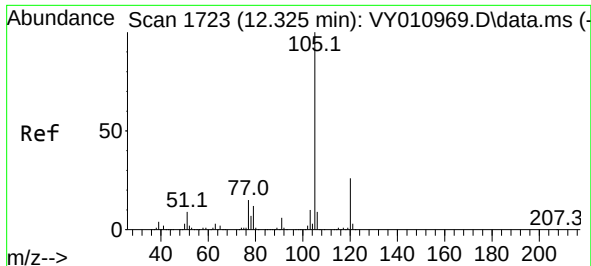
Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 175.9 0.0 347.6

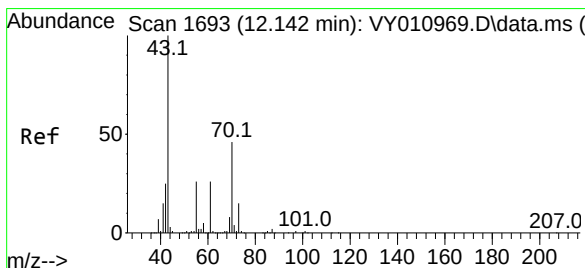
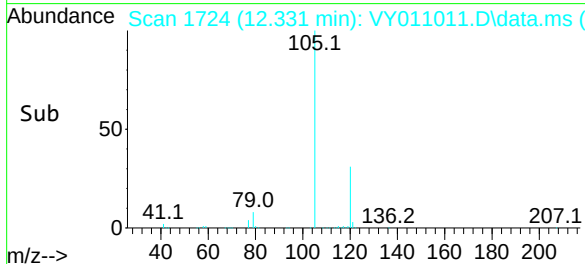
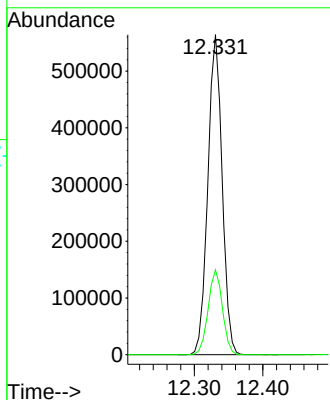
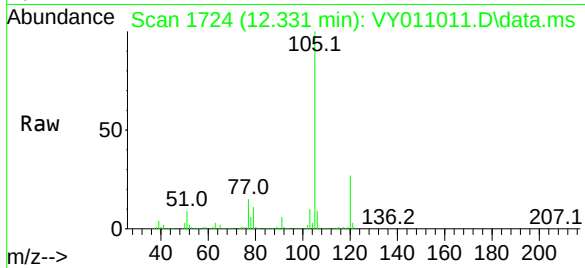




#73
Isopropylbenzene
Concen: 57.312 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

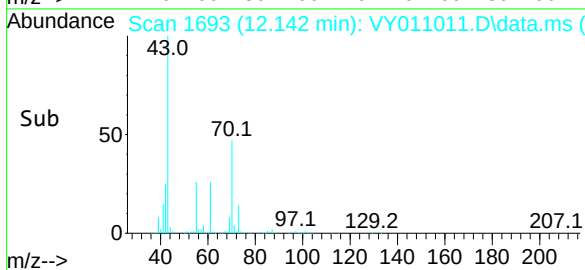
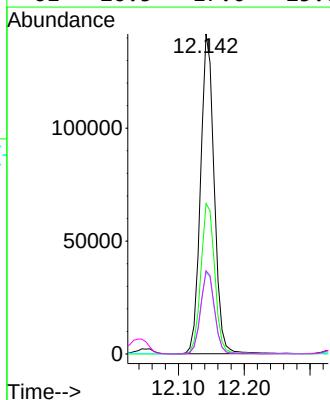
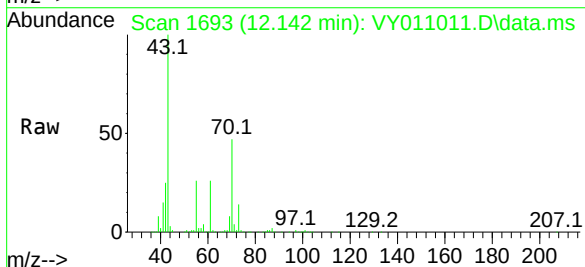
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

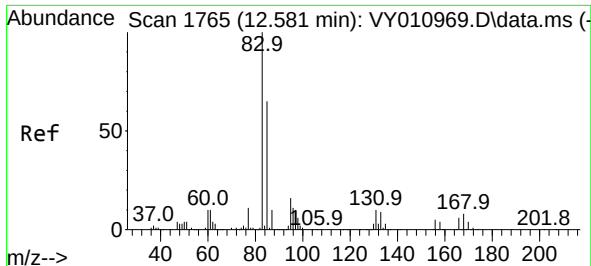
Tgt Ion:105 Resp: 819675
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-amy1 acetate
Concen: 56.328 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 43 Resp: 204397
Ion Ratio Lower Upper
43 100
70 48.0 28.7 43.1#
55 26.3 17.3 25.9#
61 26.5 17.0 25.6#

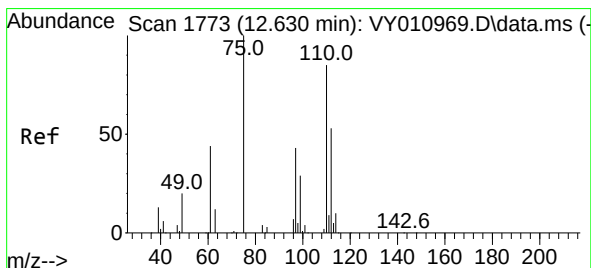
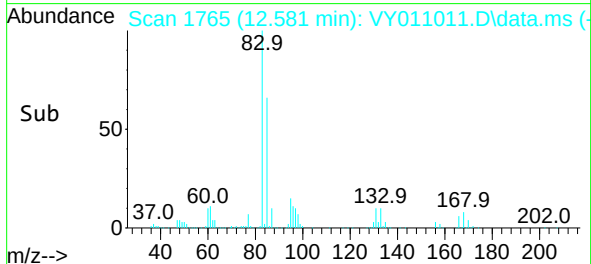
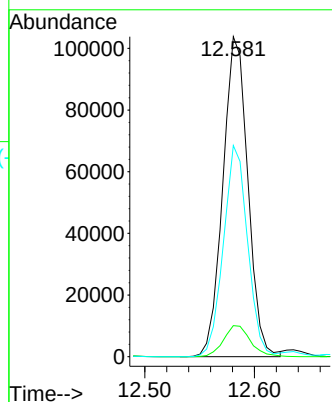
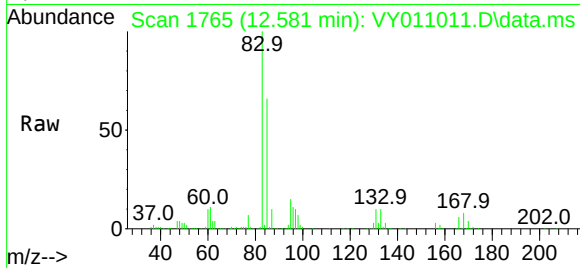




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.748 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

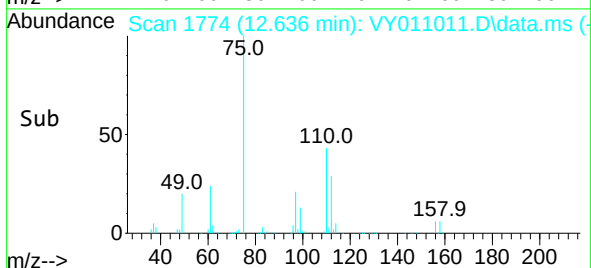
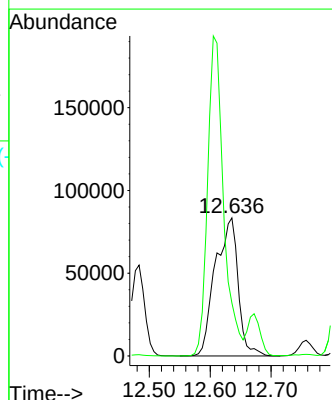
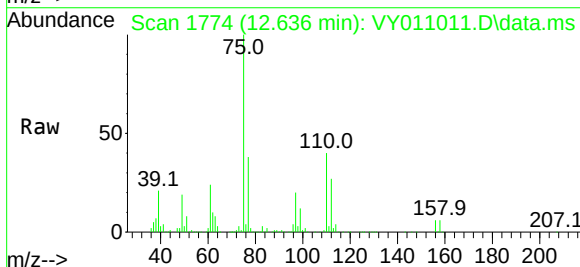
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

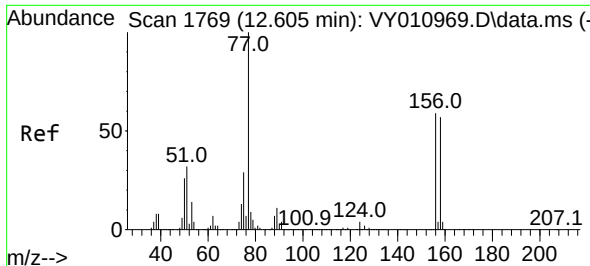
Tgt Ion: 83 Resp: 164330
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 97.261 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY011011.D
 Acq: 19 Oct 2022 15:42

Tgt Ion: 75 Resp: 217375
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

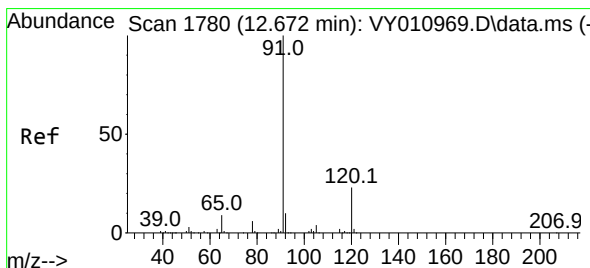
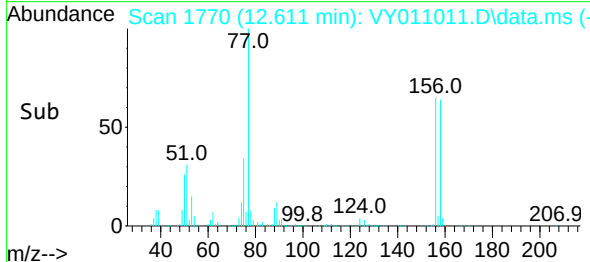
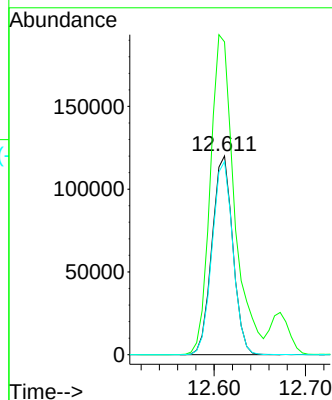
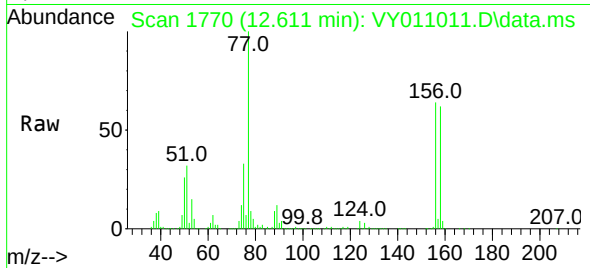




#77
Bromobenzene
Concen: 56.710 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

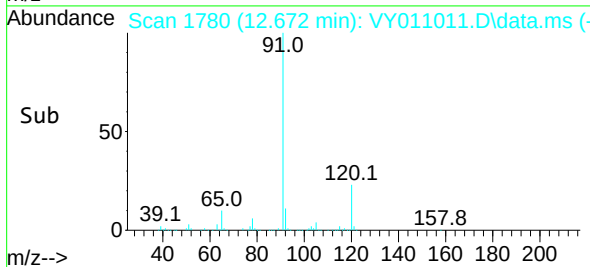
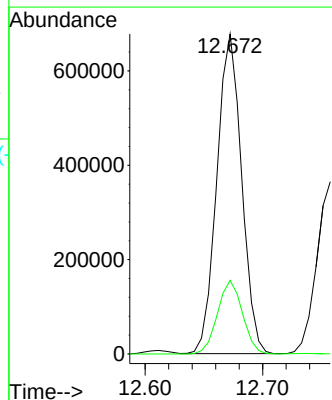
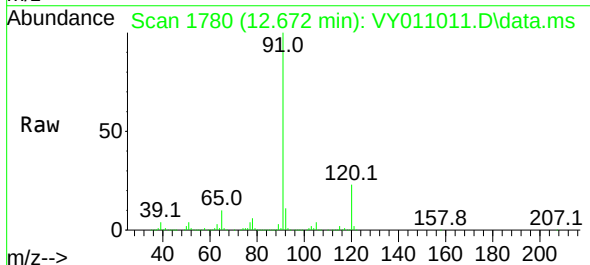
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

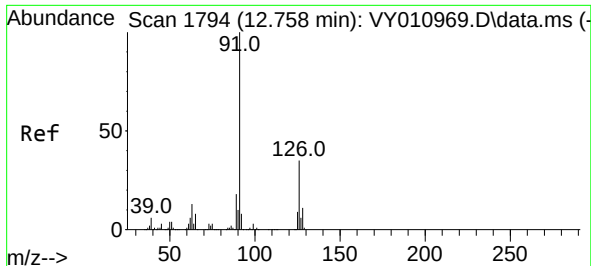
Tgt Ion:156 Resp: 189586
Ion Ratio Lower Upper
156 100
77 187.0 95.5 286.4
158 97.2 48.0 144.0



#78
n-propylbenzene
Concen: 57.134 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 91 Resp: 994183
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

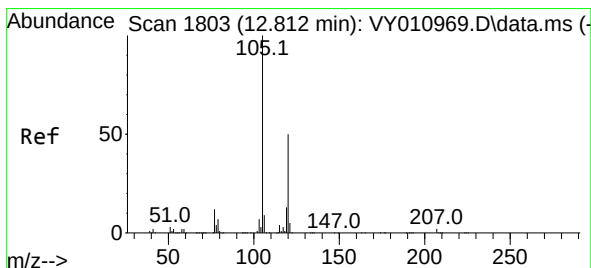
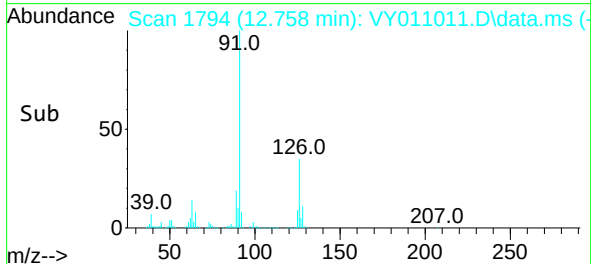
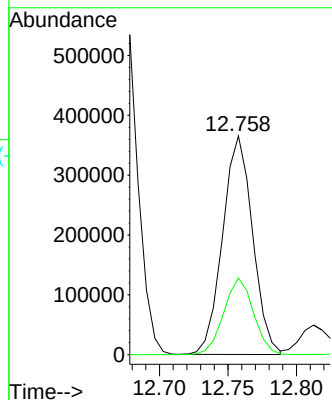
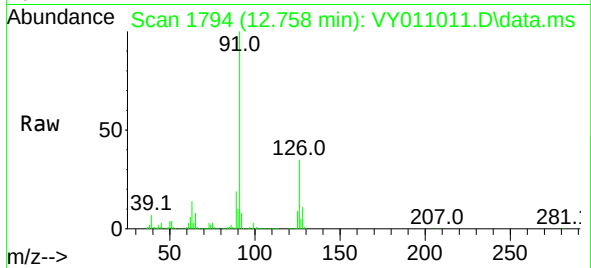




#79
2-Chlorotoluene
Concen: 56.739 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

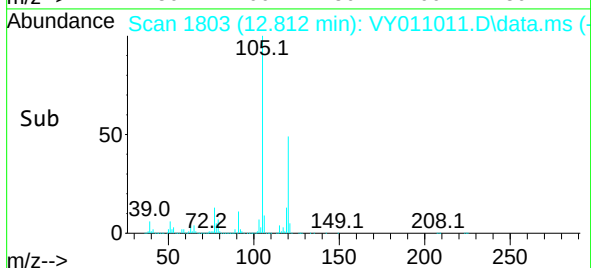
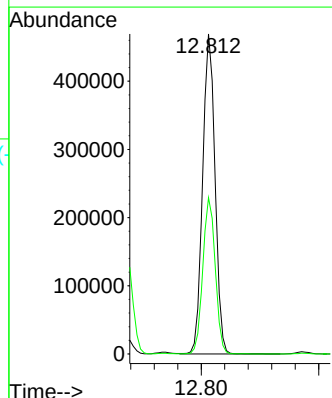
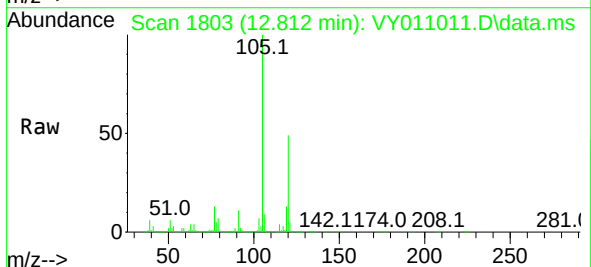
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

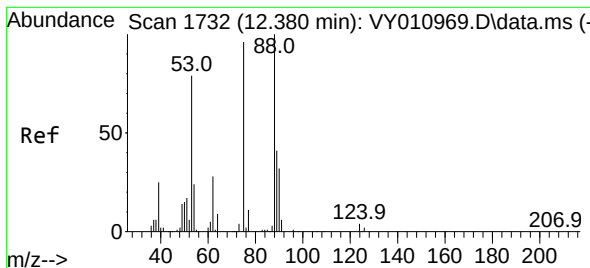
Tgt Ion: 91 Resp: 556028
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 57.456 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 105 Resp: 685638
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4

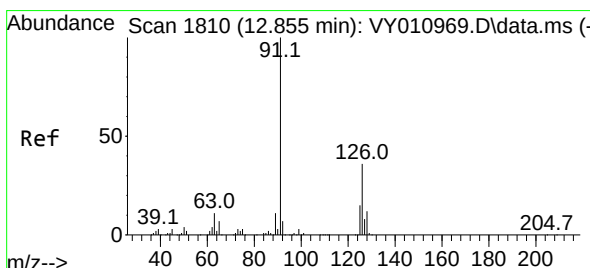
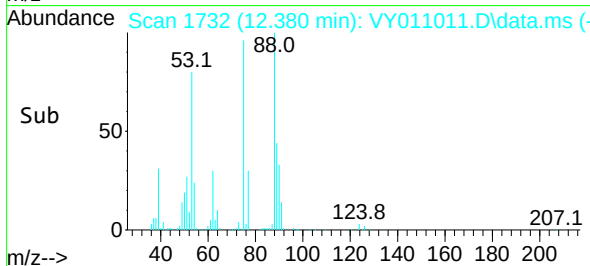
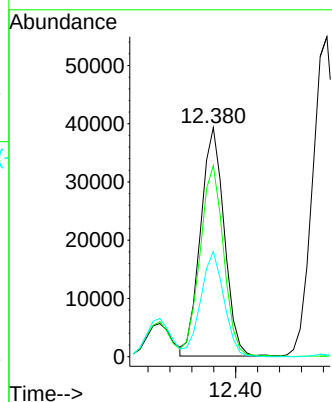
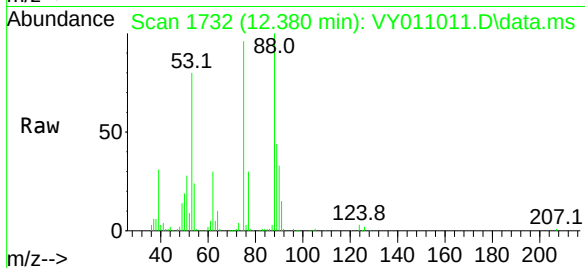




#81
trans-1,4-Dichloro-2-butene
Concen: 56.540 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

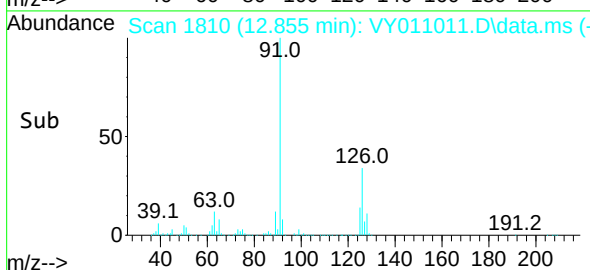
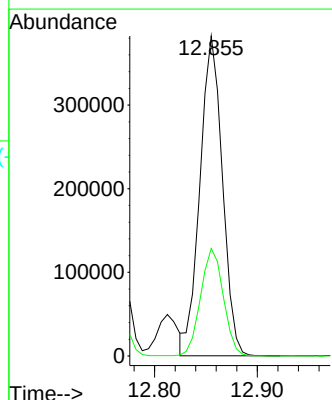
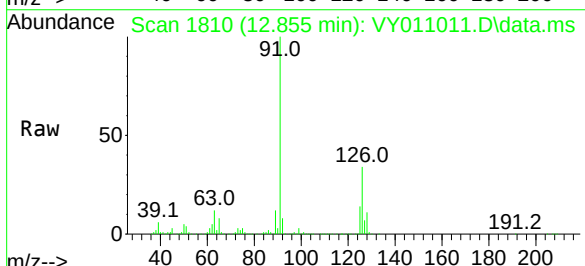
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

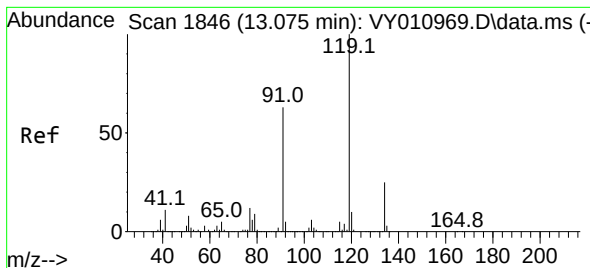
Tgt Ion: 75 Resp: 58754
Ion Ratio Lower Upper
75 100
53 84.0 85.3 127.9#
89 45.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 56.806 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 91 Resp: 579615
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 57.482 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

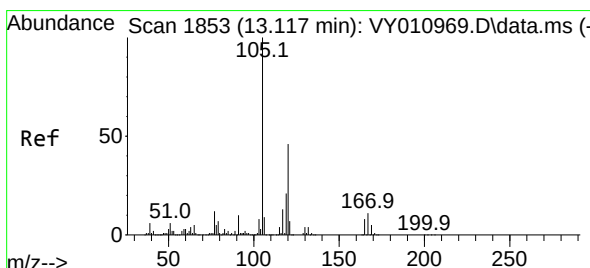
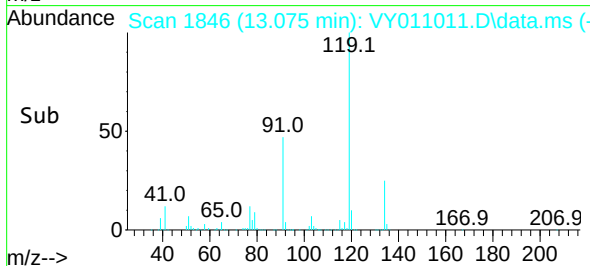
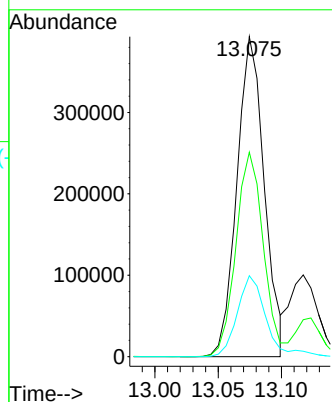
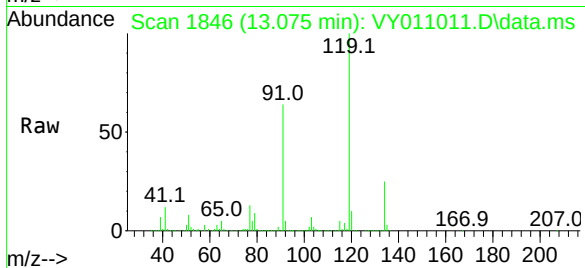
Tgt Ion:119 Resp: 593163

Ion Ratio Lower Upper

119 100

91 64.5 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 57.901 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY011011.D

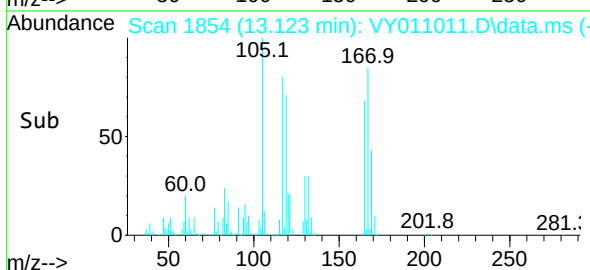
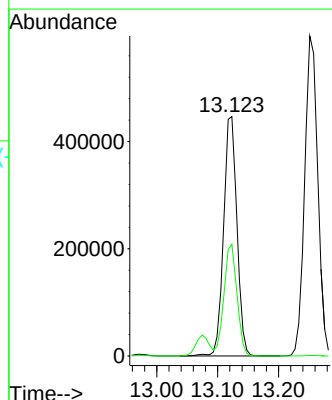
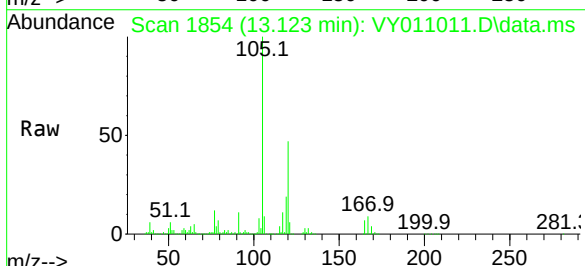
Acq: 19 Oct 2022 15:42

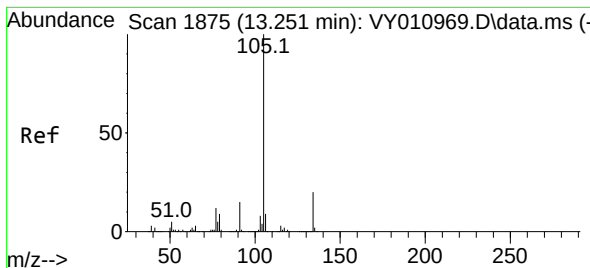
Tgt Ion:105 Resp: 681325

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 57.511 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

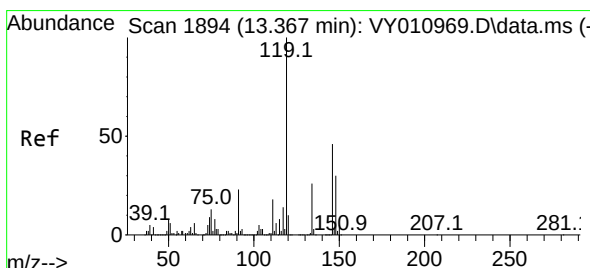
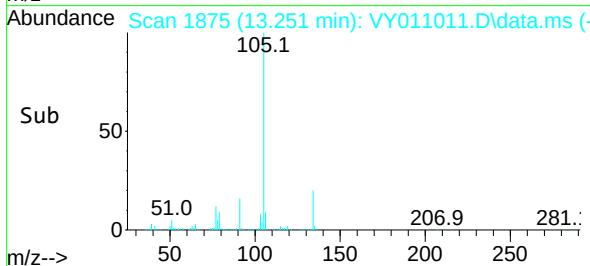
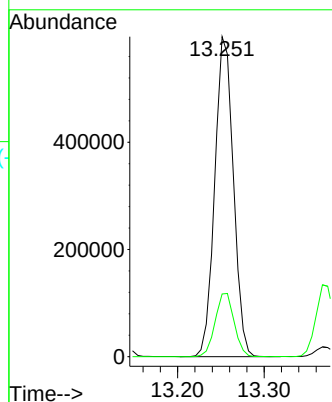
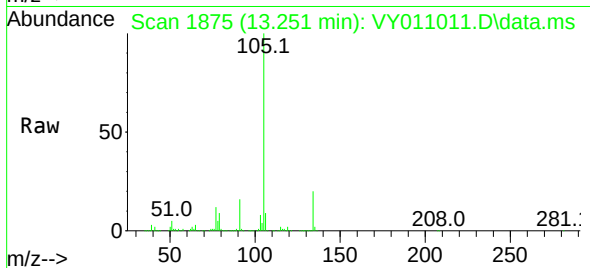
VSTDCCC050EC

Tgt Ion:105 Resp: 891778

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 57.467 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

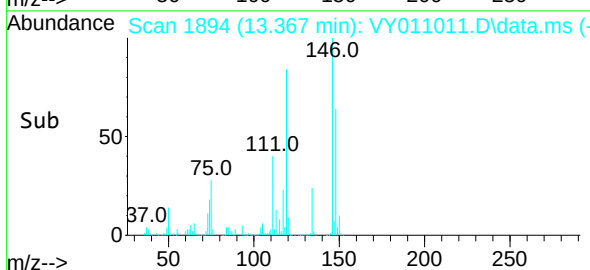
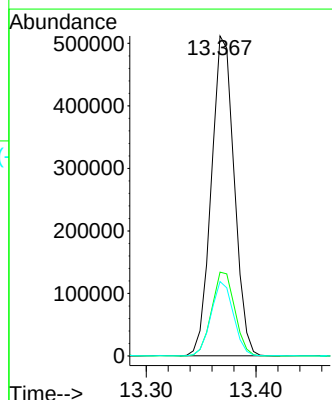
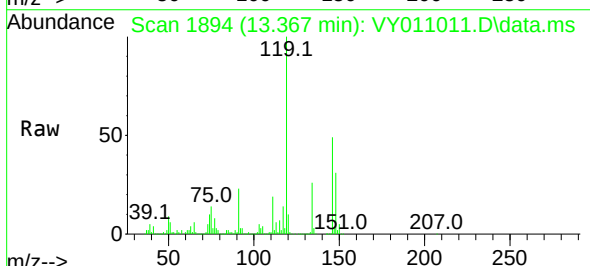
Tgt Ion:119 Resp: 739236

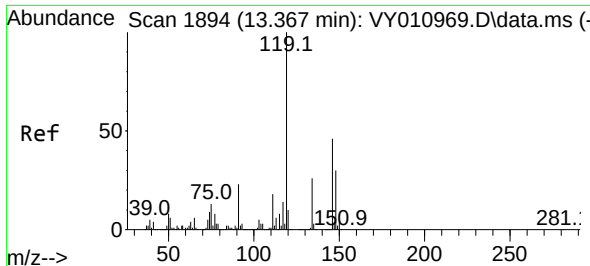
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 56.385 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

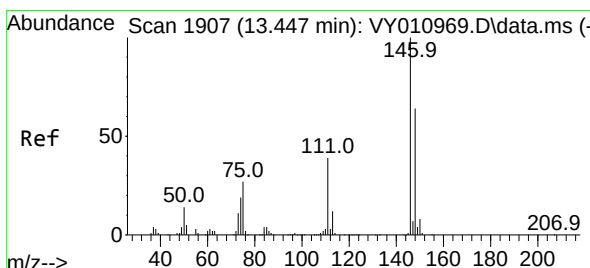
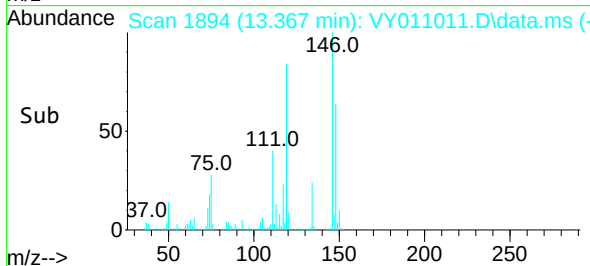
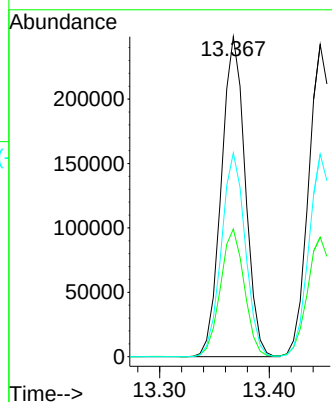
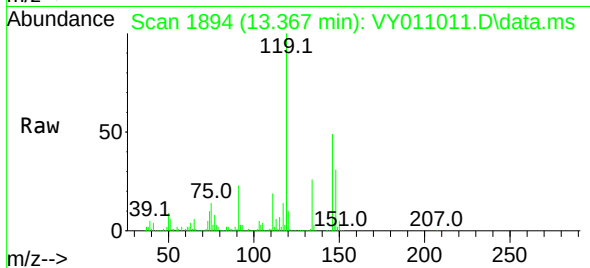
Tgt Ion:146 Resp: 376197

Ion Ratio Lower Upper

146 100

111 39.9 19.5 58.5

148 63.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 55.662 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY011011.D

Acq: 19 Oct 2022 15:42

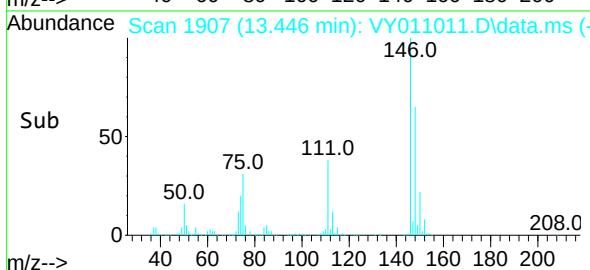
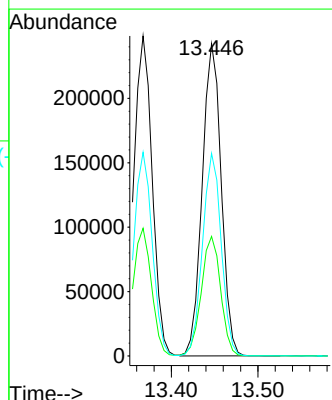
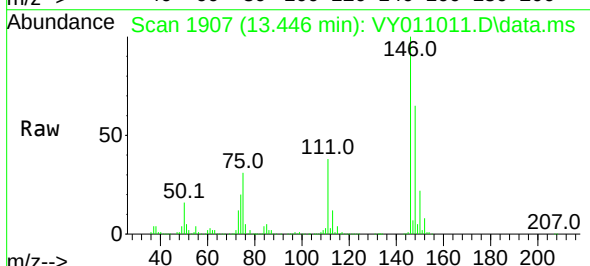
Tgt Ion:146 Resp: 369259

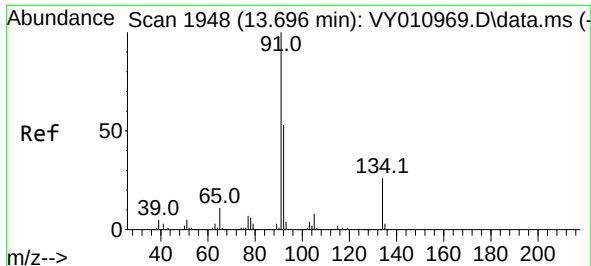
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

148 64.0 32.6 97.8

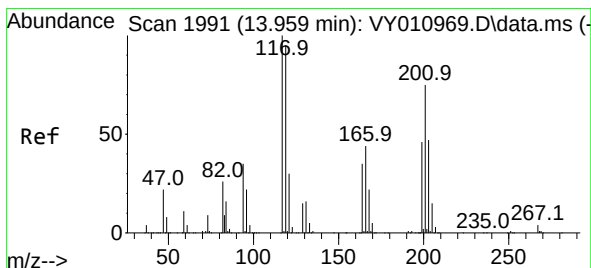
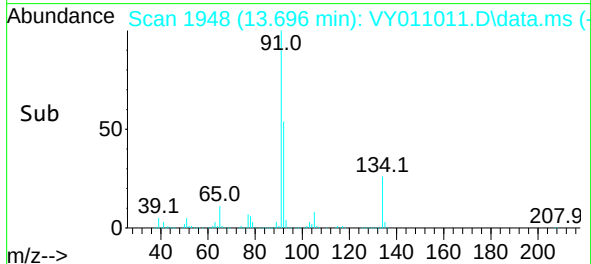
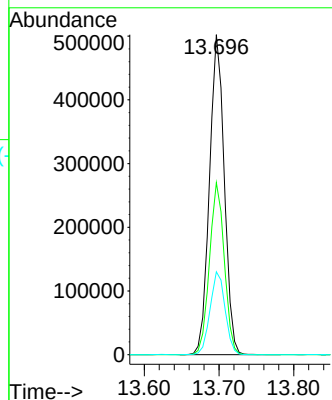
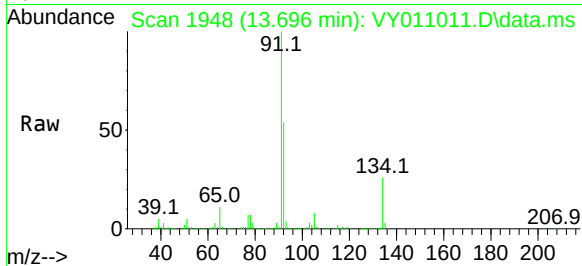




#89
n-Butylbenzene
Concen: 57.505 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

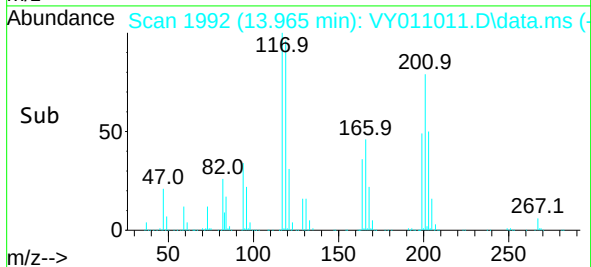
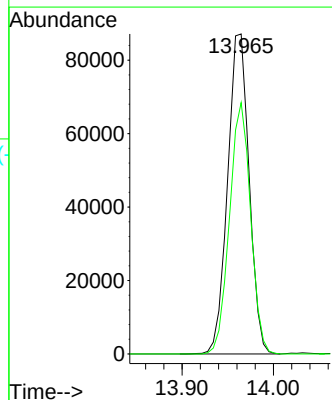
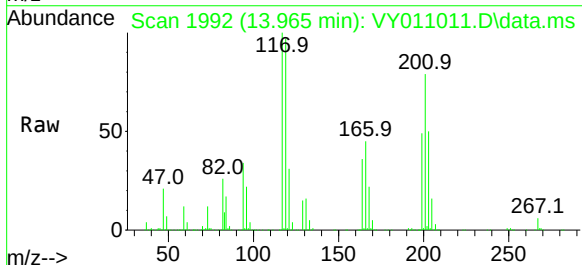
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

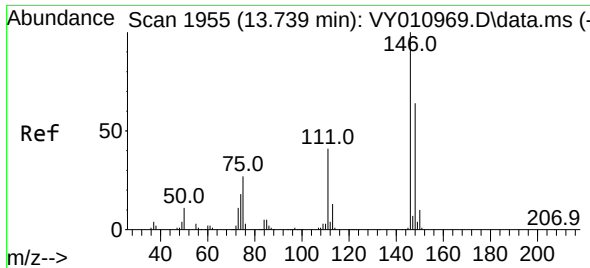
Tgt Ion: 91 Resp: 691239
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 26.4 13.0 38.9



#90
Hexachloroethane
Concen: 56.178 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 117 Resp: 142618
Ion Ratio Lower Upper
117 100
201 76.9 43.0 128.8

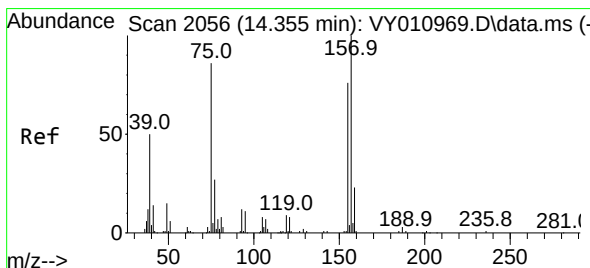
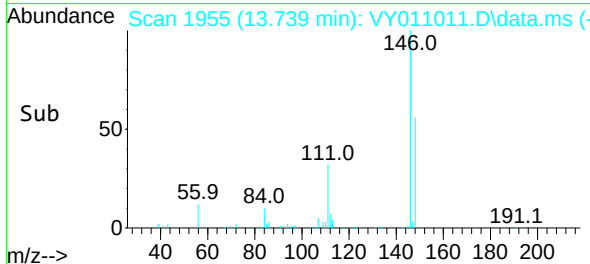
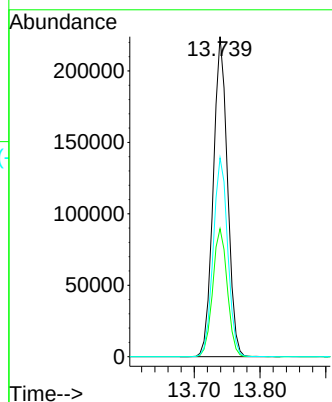
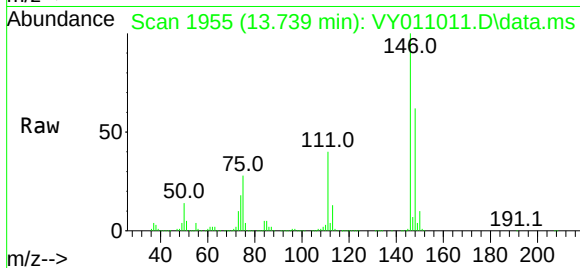




#91
1,2-Dichlorobenzene
Concen: 56.648 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

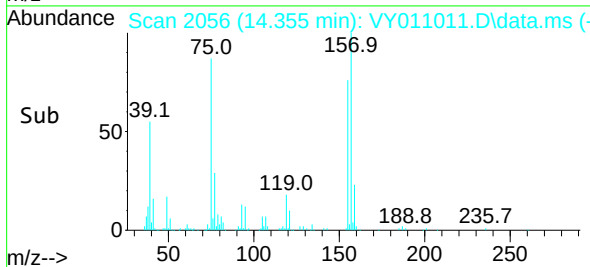
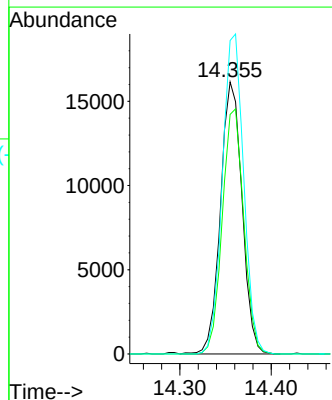
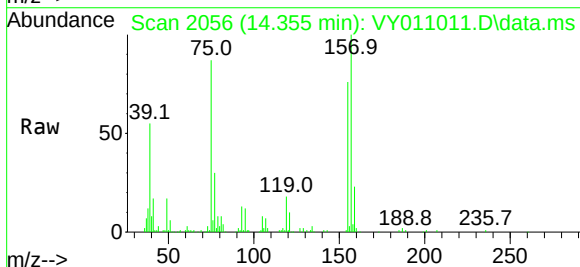
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

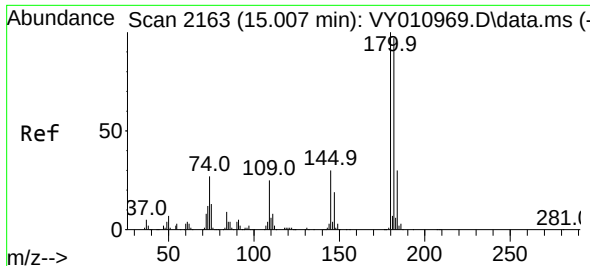
Tgt Ion:146 Resp: 338154
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.350 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion: 75 Resp: 26476
Ion Ratio Lower Upper
75 100
155 89.4 38.0 113.9
157 116.2 47.8 143.3

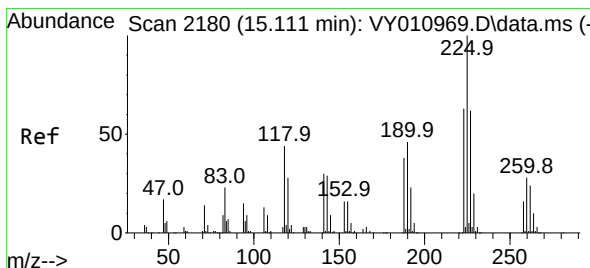
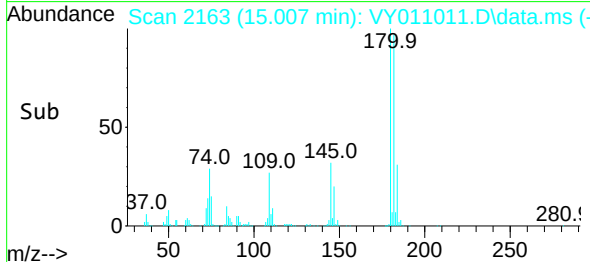
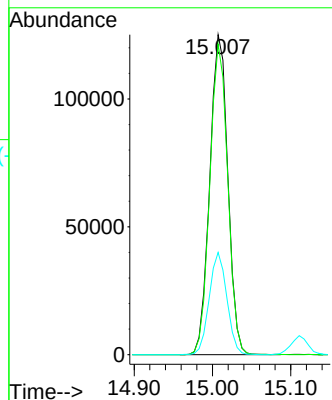
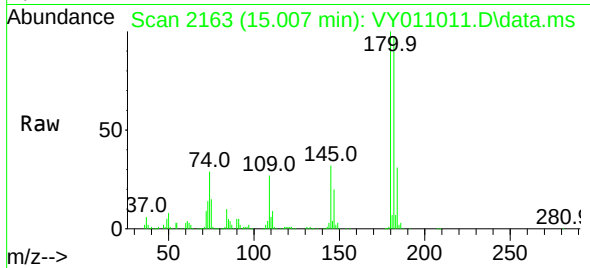




#93
1,2,4-Trichlorobenzene
Concen: 56.217 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

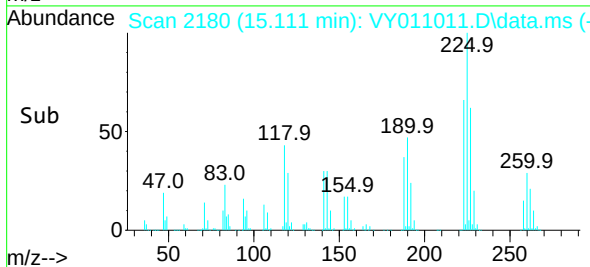
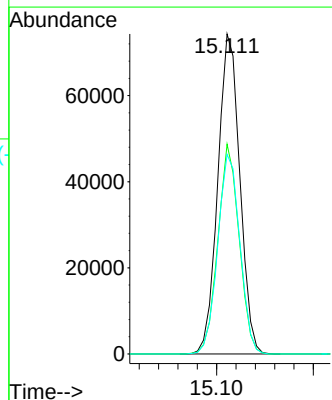
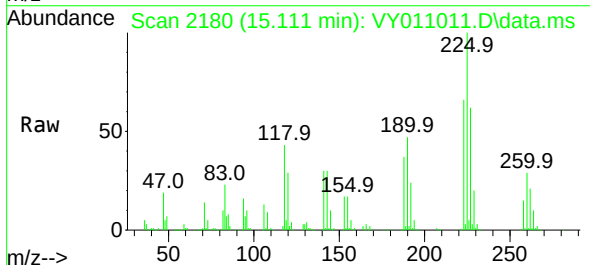
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

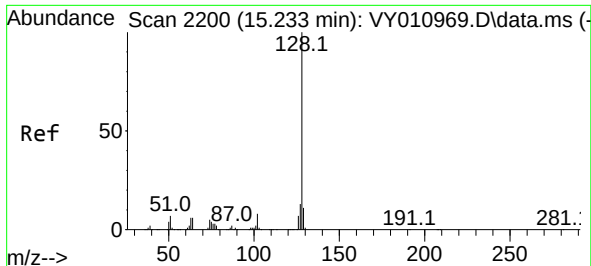
Tgt Ion:180 Resp: 200562
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 31.2 14.6 43.8



#94
Hexachlorobutadiene
Concen: 55.785 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:225 Resp: 117148
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.3
227 62.8 31.6 94.7

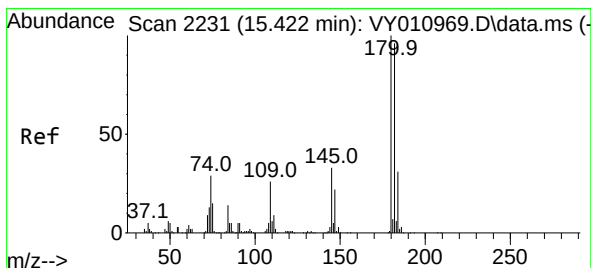
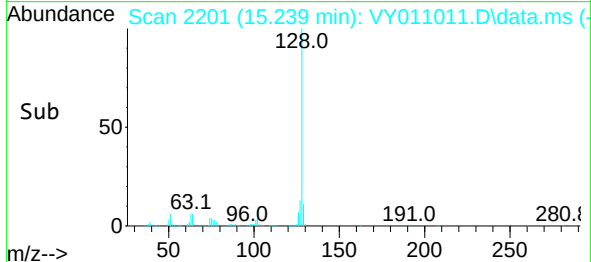
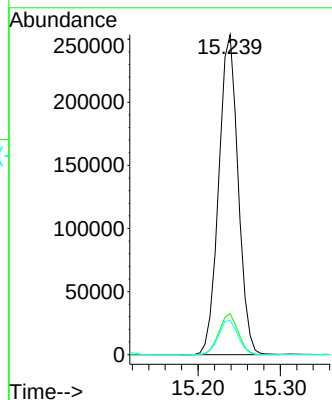
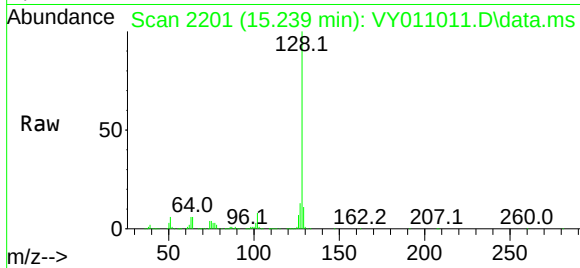




#95
Naphthalene
Concen: 57.130 ug/l
RT: 15.239 min Scan# 2200
Delta R.T. 0.006 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 415086
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 55.721 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011011.D
Acq: 19 Oct 2022 15:42

Tgt Ion:180 Resp: 173426
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 32.5 15.3 45.9

