

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011710.D
 Acq On : 06 Dec 2022 10:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 23:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97775	49.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.716	113	97325	53.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.200%
50) Toluene-d8	10.179	98	327987	49.712	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.483	95	126023	51.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54187	52.107	ug/l	99
3) Chloromethane	2.119	50	74389	44.492	ug/l	97
4) Vinyl Chloride	2.253	62	88024	40.009	ug/l	95
5) Bromomethane	2.650	94	61423	43.188	ug/l	96
6) Chloroethane	2.796	64	60429	39.367	ug/l	100
7) Trichlorofluoromethane	3.131	101	159167	49.321	ug/l	93
8) Diethyl Ether	3.534	74	55768	53.469	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	95404	51.124	ug/l	97
10) Methyl Iodide	4.094	142	115433	53.093	ug/l	96
11) Tert butyl alcohol	4.948	59	63121	301.158	ug/l	99
12) 1,1-Dichloroethene	3.875	96	87767	51.344	ug/l	92
13) Acrolein	3.729	56	9881	189.732	ug/l	99
14) Allyl chloride	4.485	41	151016	50.325	ug/l	92
15) Acrylonitrile	5.161	53	153724	269.840	ug/l	98
16) Acetone	3.948	43	181997	283.683	ug/l #	87
17) Carbon Disulfide	4.198	76	215014	45.384	ug/l	100
18) Methyl Acetate	4.479	43	75160	50.710	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	274376	56.242	ug/l	99
20) Methylene Chloride	4.716	84	122172	51.107	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	100189	50.720	ug/l	91
22) Diisopropyl ether	6.125	45	331058	50.542	ug/l	91
23) Vinyl Acetate	6.064	43	1016713	266.465	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	193064	50.200	ug/l	99
25) 2-Butanone	6.984	43	222351	263.718	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	182844	51.512	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	122140	52.521	ug/l	92
28) Bromochloromethane	7.332	49	72164	46.707	ug/l	86
29) Tetrahydrofuran	7.344	42	122443	257.152	ug/l #	88
30) Chloroform	7.508	83	206903	51.877	ug/l	100
31) Cyclohexane	7.783	56	150638	46.014	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	186874	52.377	ug/l	96
36) 1,1-Dichloropropene	7.917	75	145726	51.347	ug/l	99
37) Ethyl Acetate	7.069	43	82886	51.288	ug/l	95
38) Carbon Tetrachloride	7.905	117	168796	53.161	ug/l	99
39) Methylcyclohexane	9.185	83	163821	51.725	ug/l	93
40) Benzene	8.161	78	427284	51.685	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	116993	143.180	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	131961	51.613	ug/l	95
43) Isopropyl Acetate	8.271	43	149396	51.244	ug/l #	92
44) Trichloroethene	8.941	130	117264	52.719	ug/l	100
45) 1,2-Dichloropropane	9.215	63	108393	51.295	ug/l	94
46) Dibromomethane	9.307	93	61006	51.633	ug/l	98
47) Bromodichloromethane	9.496	83	158484	53.252	ug/l	99
48) Methyl methacrylate	9.295	41	67228	51.916	ug/l #	85
49) 1,4-Dioxane	9.295	88	16265	1111.586	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	431817	266.445	ug/l	91
52) Toluene	10.246	92	273913	52.395	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	157749	53.026	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	177313	52.981	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	87947	52.028	ug/l	96
56) Ethyl methacrylate	10.514	69	118378	56.308	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	150395	52.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	272921	265.069	ug/l	95
59) 2-Hexanone	10.831	43	318717	275.539	ug/l	89
60) Dibromochloromethane	10.983	129	111352	53.753	ug/l	99
61) 1,2-Dibromoethane	11.087	107	81716	52.961	ug/l	98
64) Tetrachloroethene	10.721	164	115271	52.260	ug/l	98
65) Chlorobenzene	11.520	112	293547	52.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	116154	54.677	ug/l	99
67) Ethyl Benzene	11.593	91	535205	52.884	ug/l	99
68) m/p-Xylenes	11.703	106	410969	106.677	ug/l	96
69) o-Xylene	12.032	106	196021	54.651	ug/l	95
70) Styrene	12.044	104	334212	54.588	ug/l	97
71) Bromoform	12.209	173	70233	54.343	ug/l #	98
73) Isopropylbenzene	12.331	105	537966	56.208	ug/l	99
74) N-amyl acetate	12.142	43	126067	53.339	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	99875	52.957	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	137338	96.365	ug/l #	100
77) Bromobenzene	12.611	156	120522	53.929	ug/l	96
78) n-propylbenzene	12.672	91	641023	54.899	ug/l	99
79) 2-Chlorotoluene	12.758	91	354444	53.857	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	448329	55.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36441	56.006	ug/l	89
82) 4-Chlorotoluene	12.855	91	363278	52.790	ug/l	100
83) tert-Butylbenzene	13.075	119	401779	57.174	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	440538	55.286	ug/l	99
85) sec-Butylbenzene	13.257	105	580118	55.328	ug/l	99
86) p-Isopropyltoluene	13.373	119	487364	55.695	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	241376	53.058	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	236847	52.066	ug/l	99
89) n-Butylbenzene	13.696	91	443916	55.185	ug/l	100
90) Hexachloroethane	13.959	117	92484	52.337	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	213630	52.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17539	56.706	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	124108	55.485	ug/l	98
94) Hexachlorobutadiene	15.111	225	77328	55.616	ug/l	98
95) Naphthalene	15.239	128	252513	53.541	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	108269	56.481	ug/l	99

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QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

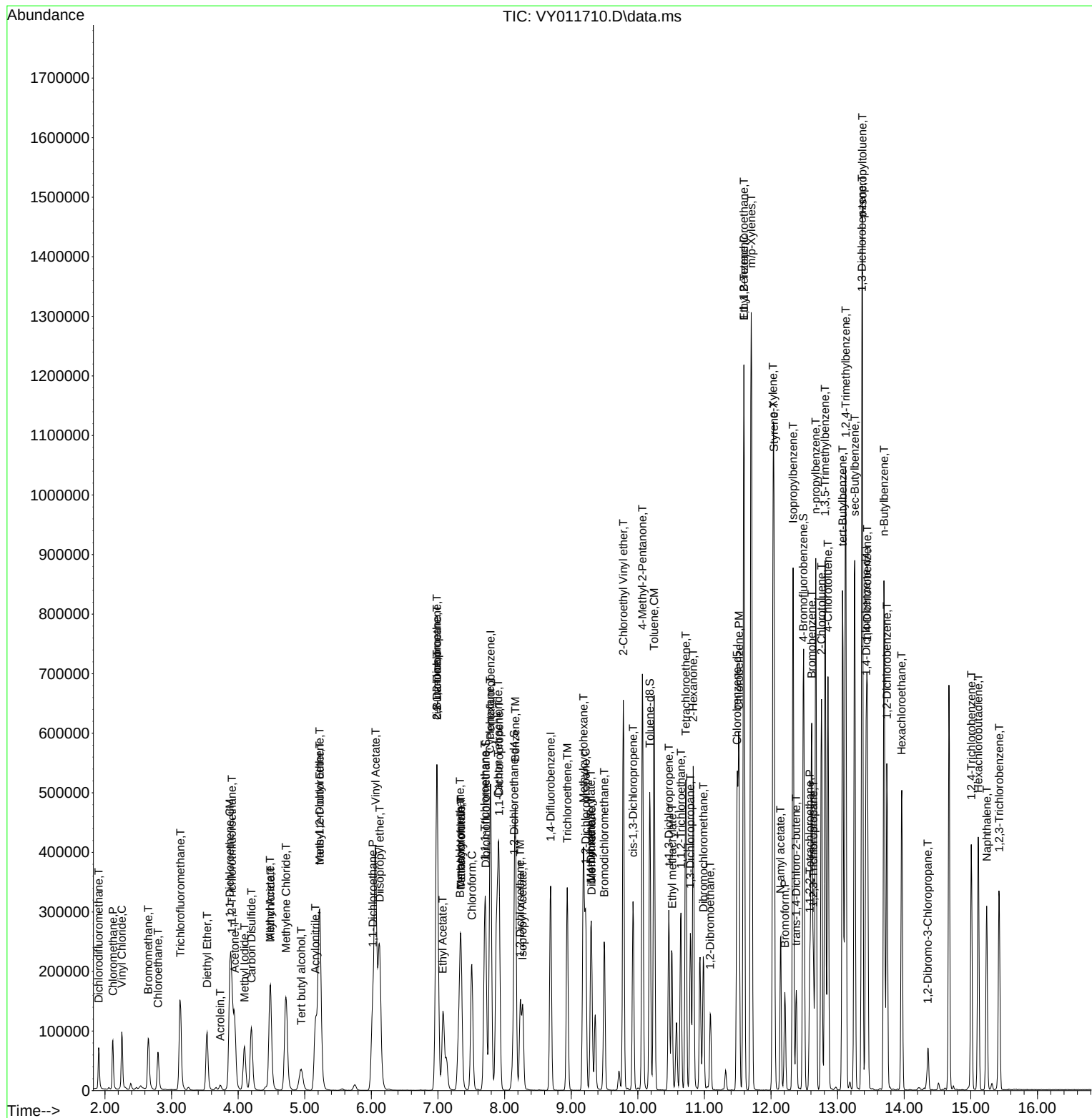
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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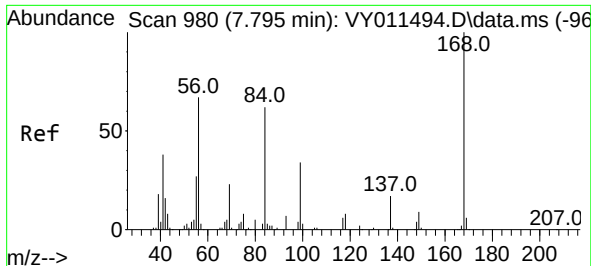
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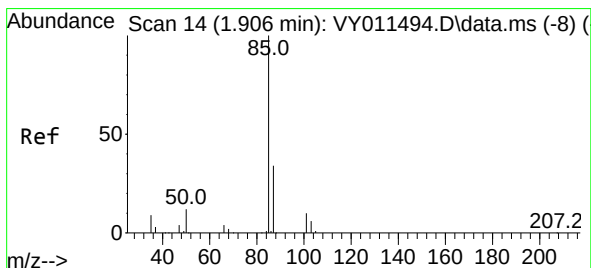
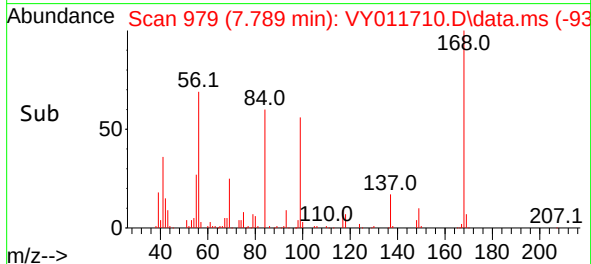
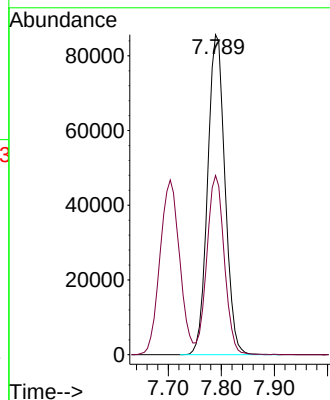
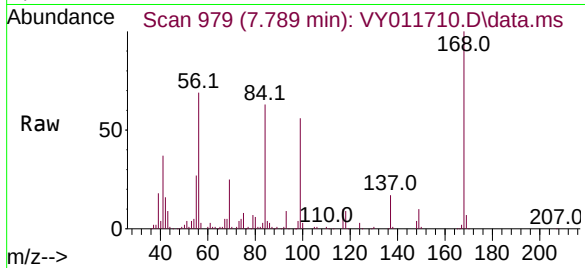




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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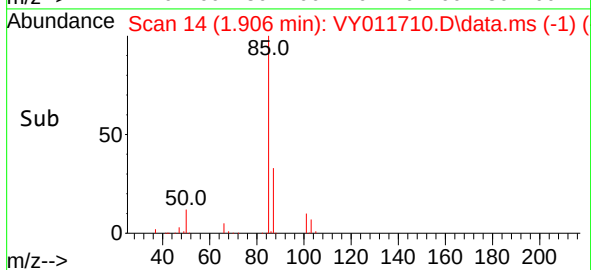
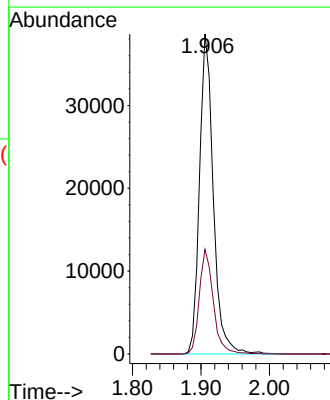
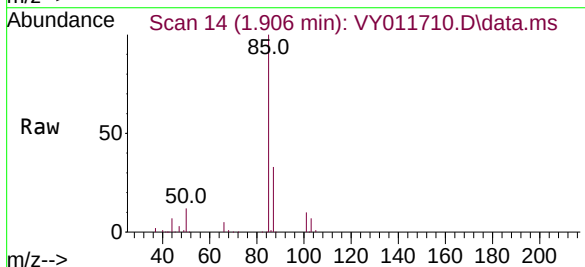
Instrument :
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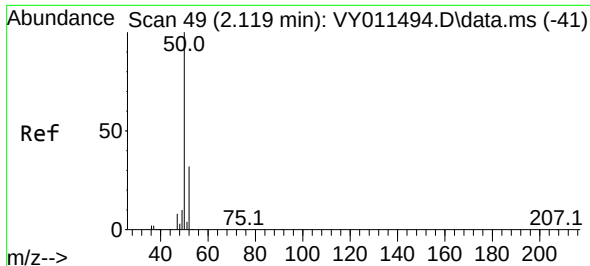
Tgt Ion:168 Resp: 194516
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 52.107 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 85 Resp: 54187
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

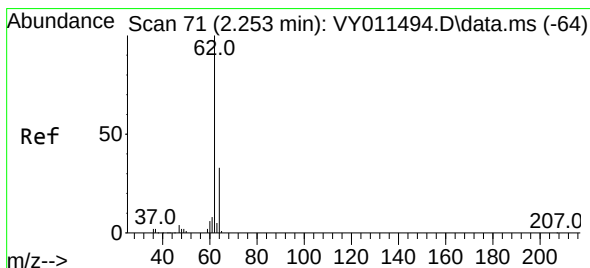
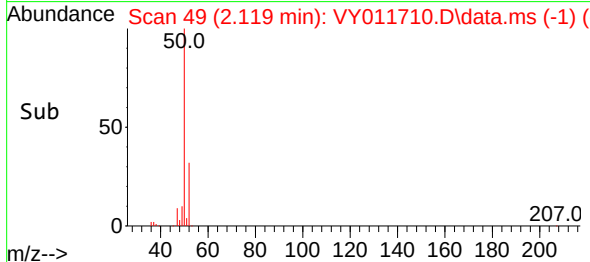
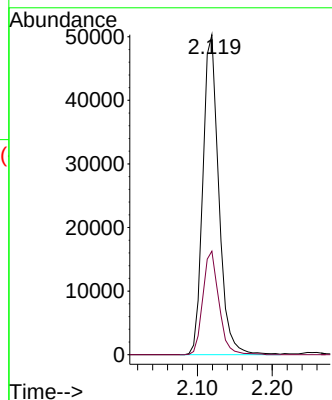
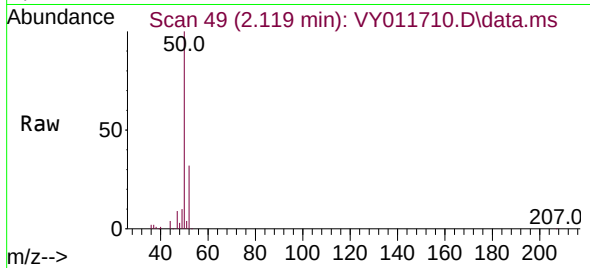




#3
Chloromethane
Concen: 44.492 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011710.D
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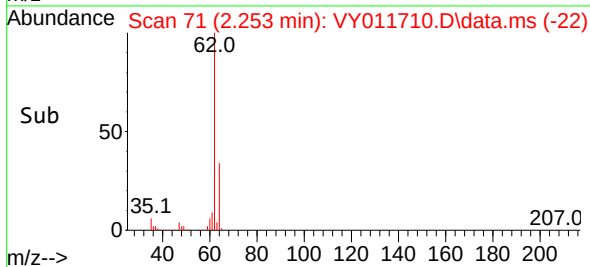
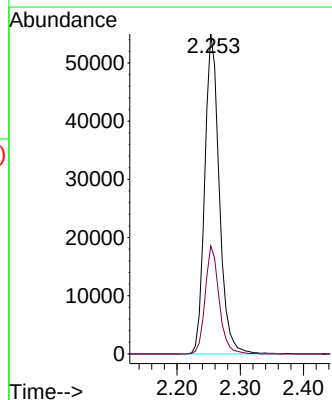
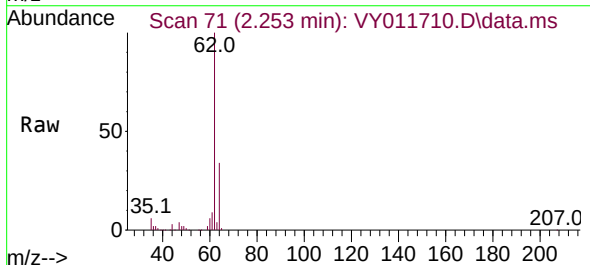
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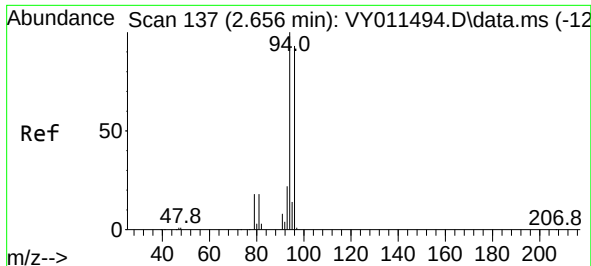
Tgt Ion: 50 Resp: 74389
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 40.009 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 62 Resp: 88024
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.6

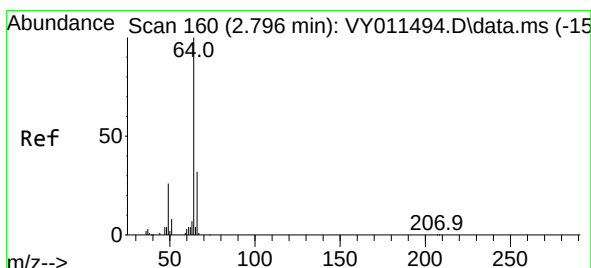
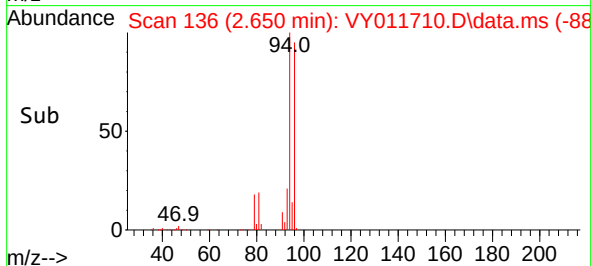
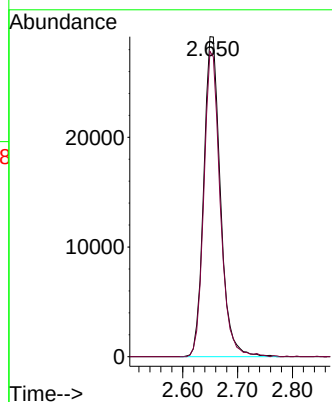
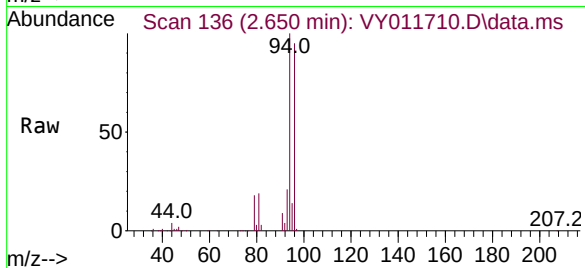




#5
Bromomethane
Concen: 43.188 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
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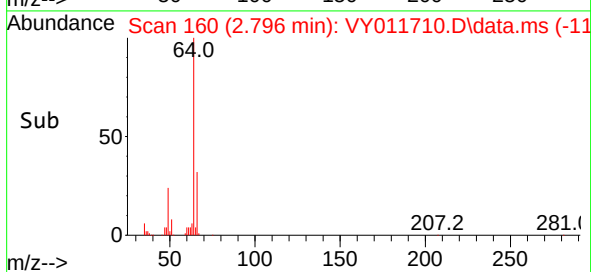
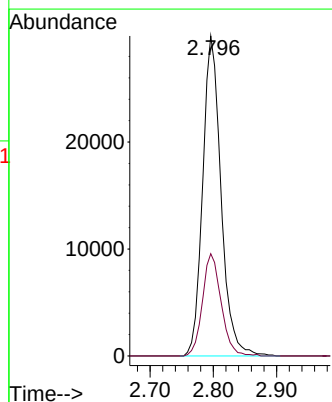
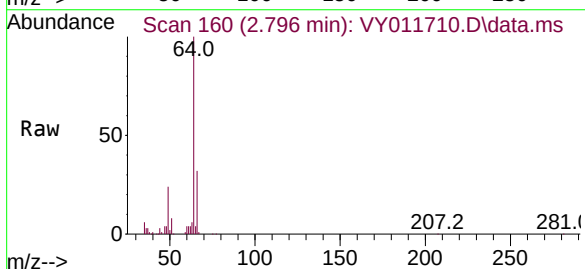
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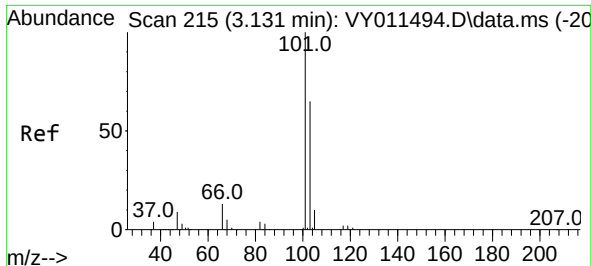
Tgt Ion: 94 Resp: 61423
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3



#6
Chloroethane
Concen: 39.367 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011710.D
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Tgt Ion: 64 Resp: 60429
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

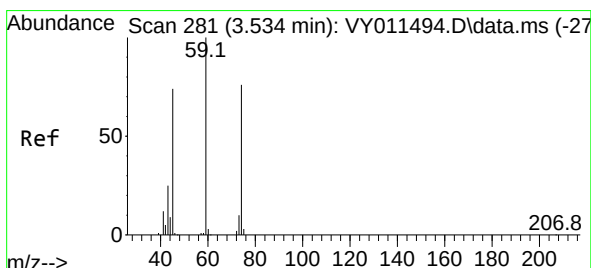
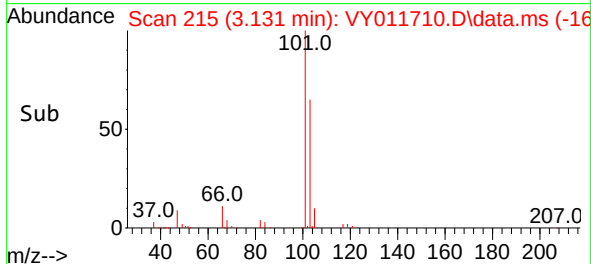
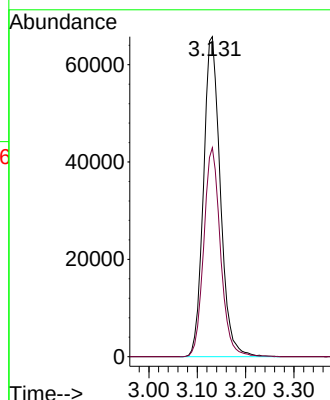
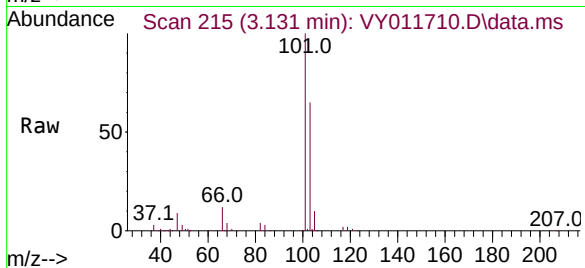




#7
Trichlorofluoromethane
Concen: 49.321 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
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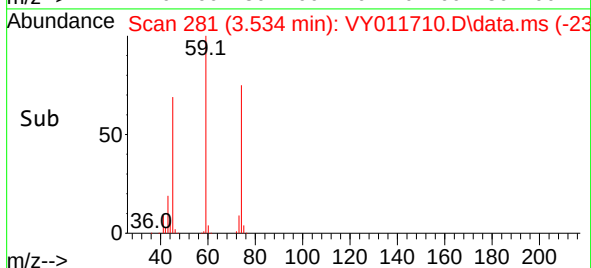
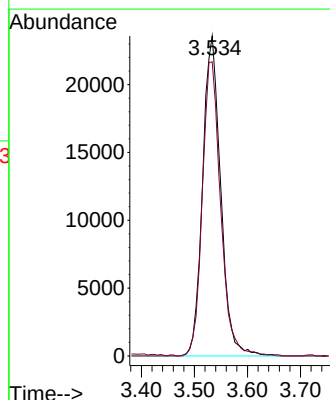
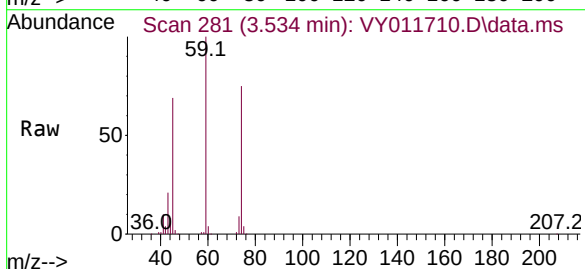
Instrument :
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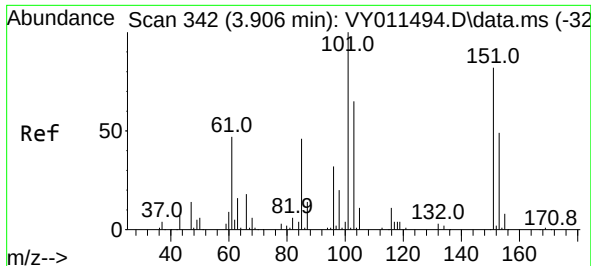
Tgt Ion:101 Resp: 159167
Ion Ratio Lower Upper
101 100
103 65.3 48.0 72.0



#8
Diethyl Ether
Concen: 53.469 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
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Acq: 06 Dec 2022 10:56

Tgt Ion: 74 Resp: 55768
Ion Ratio Lower Upper
74 100
45 93.6 55.1 165.5

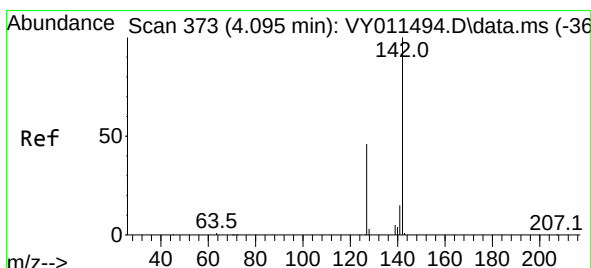
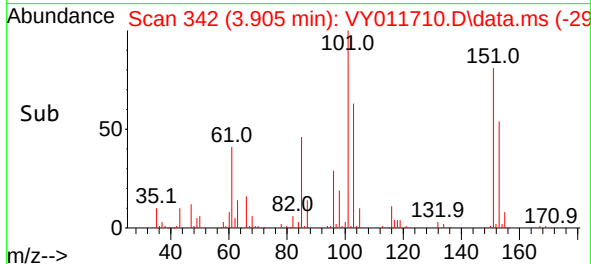
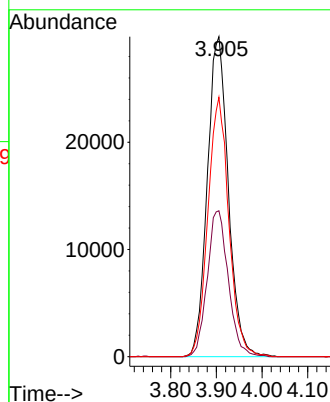
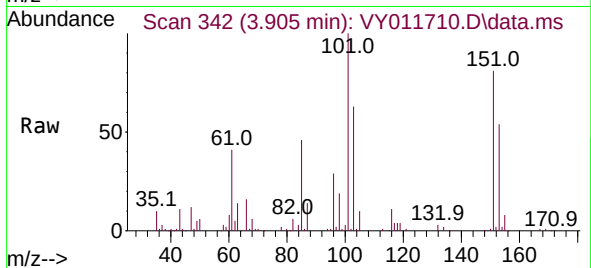




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.124 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.001 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

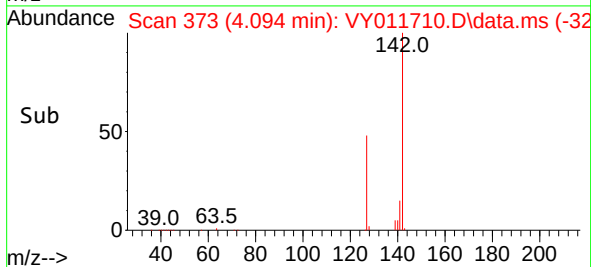
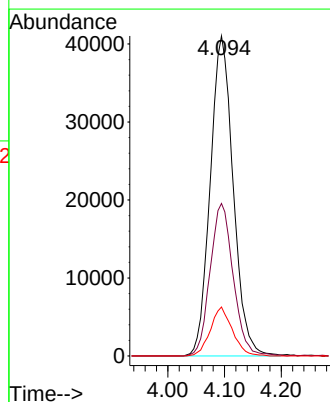
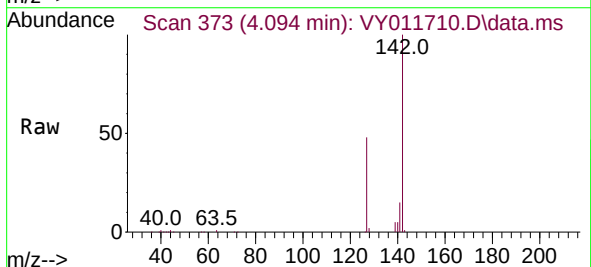
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

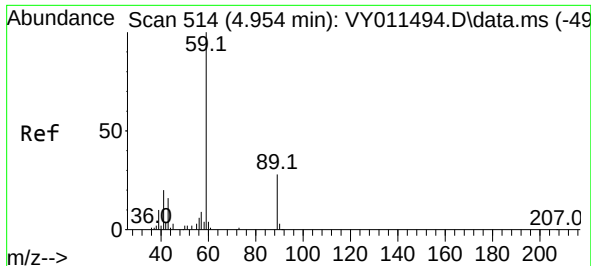
Tgt Ion:101 Resp: 95404
Ion Ratio Lower Upper
101 100
85 45.7 40.6 60.8
151 80.7 64.9 97.3



#10
Methyl Iodide
Concen: 53.093 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:142 Resp: 115433
Ion Ratio Lower Upper
142 100
127 48.0 41.5 62.3
141 14.7 11.9 17.9

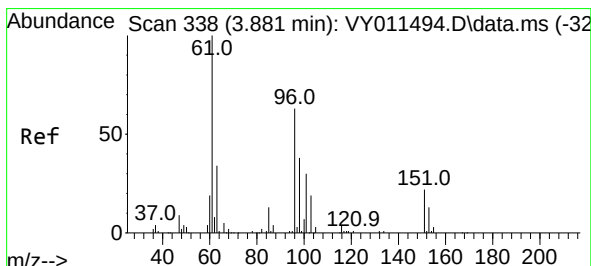
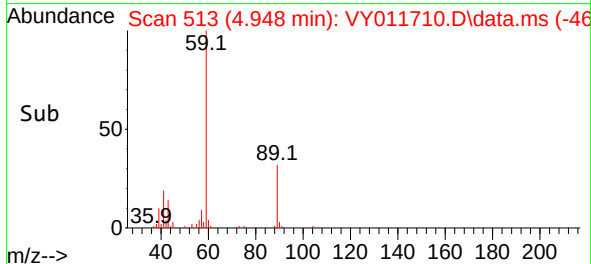
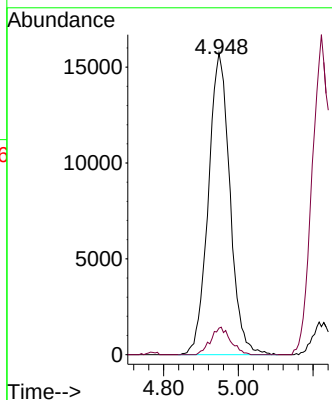
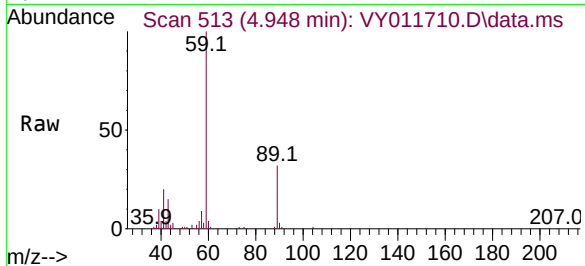




#11
Tert butyl alcohol
Concen: 301.158 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

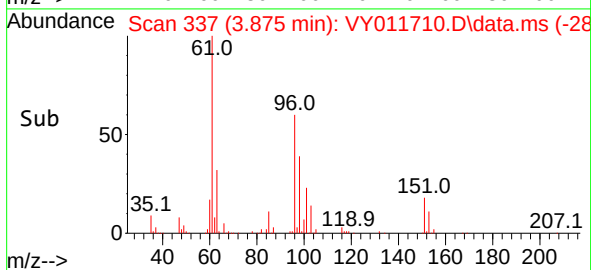
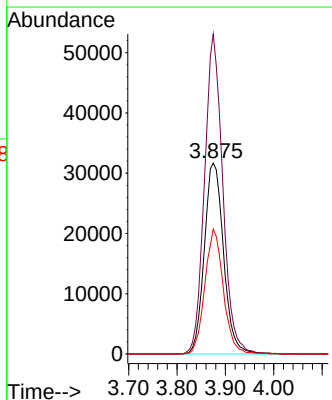
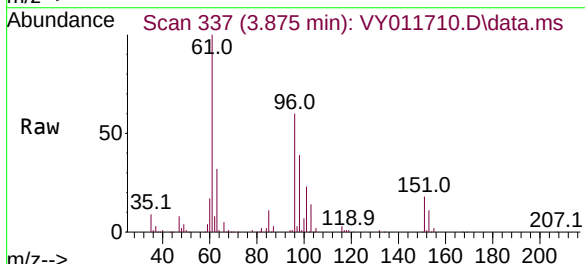
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

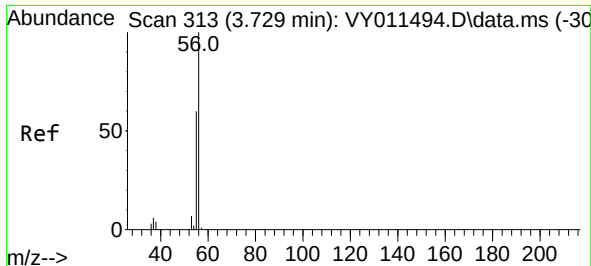
Tgt Ion: 59 Resp: 63121
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 51.344 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 96 Resp: 87767
Ion Ratio Lower Upper
96 100
61 167.6 145.8 218.6
98 65.4 52.5 78.7





#13

Acrolein

Concen: 189.732 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

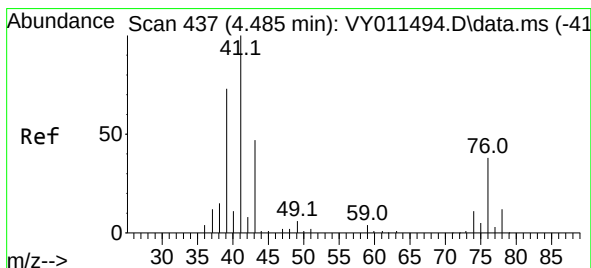
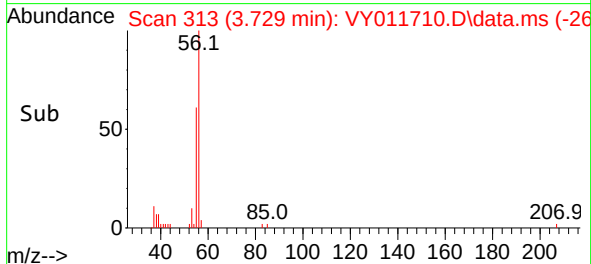
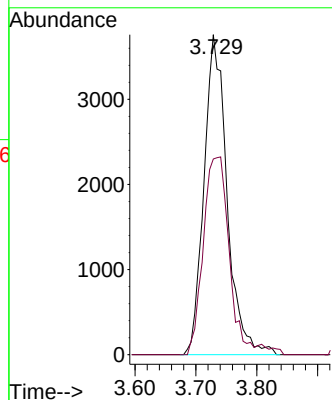
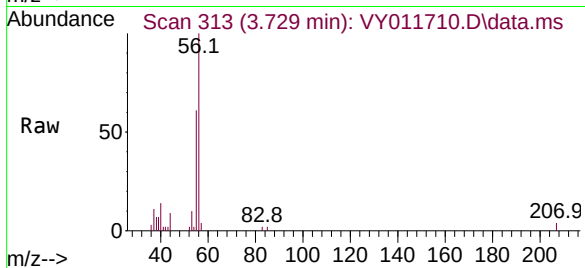
VSTDCCC050

Tgt Ion: 56 Resp: 9881

Ion Ratio Lower Upper

56 100

55 70.8 57.6 86.4



#14

Allyl chloride

Concen: 50.325 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

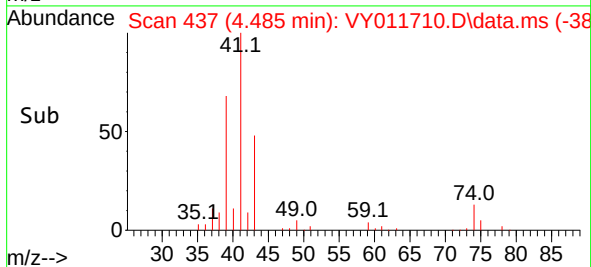
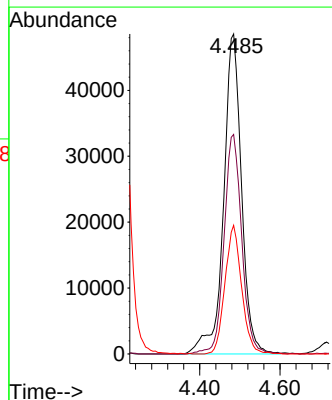
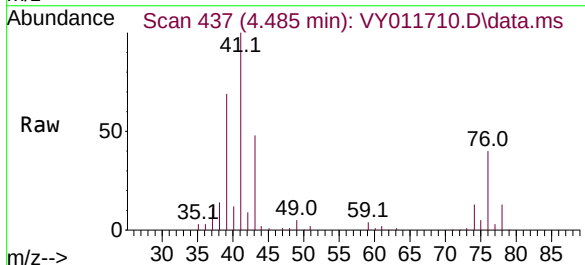
Tgt Ion: 41 Resp: 151016

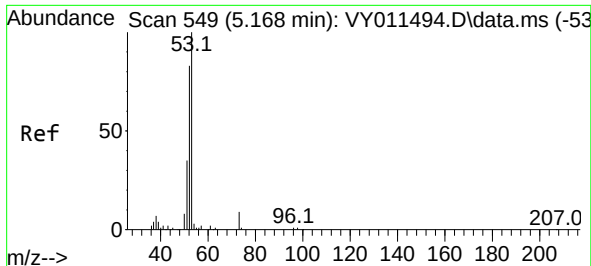
Ion Ratio Lower Upper

41 100

39 67.5 58.8 88.2

76 37.3 25.1 37.7

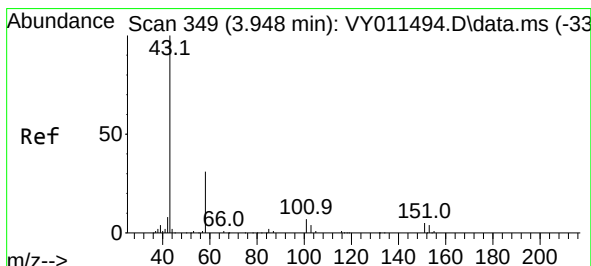
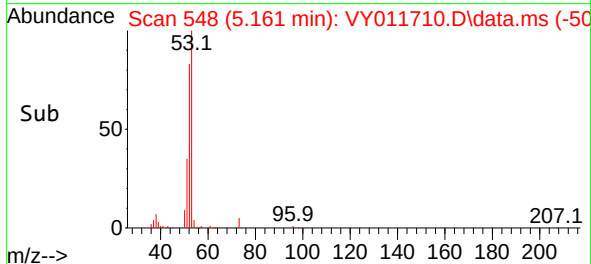
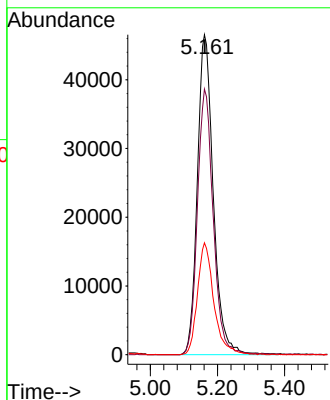
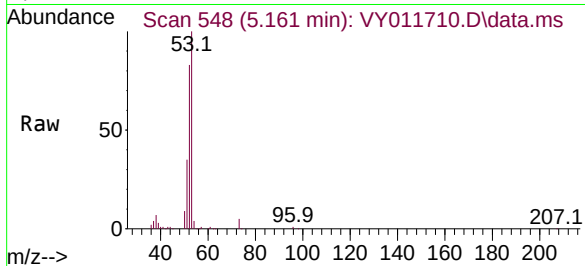




#15
Acrylonitrile
Concen: 269.840 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.007 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

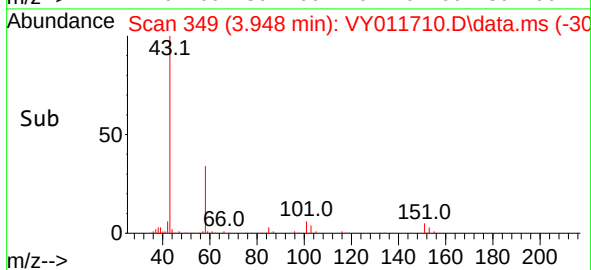
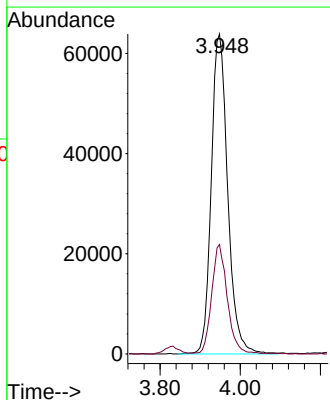
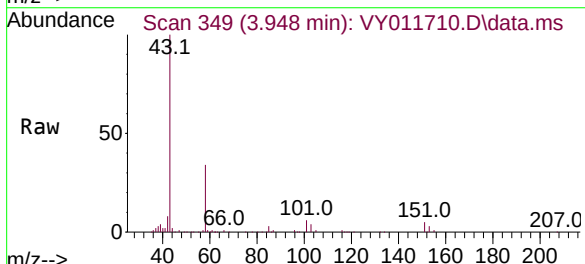
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

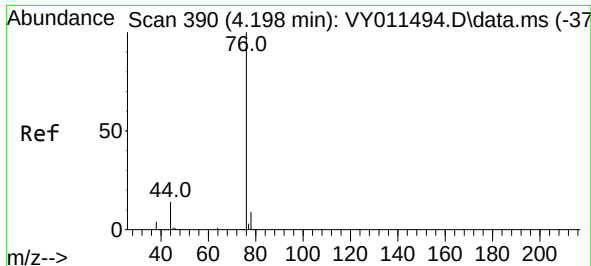
Tgt Ion: 53 Resp: 153724
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 283.683 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 43 Resp: 181997
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#

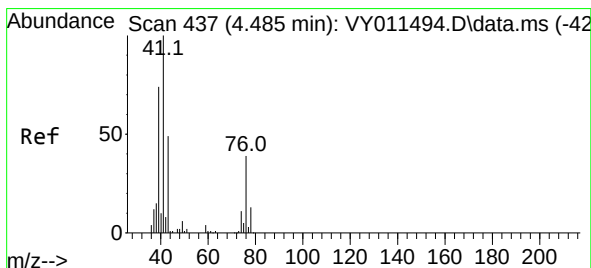
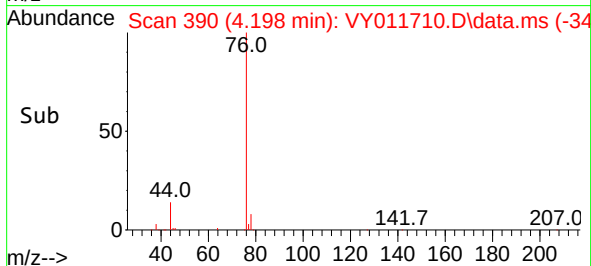
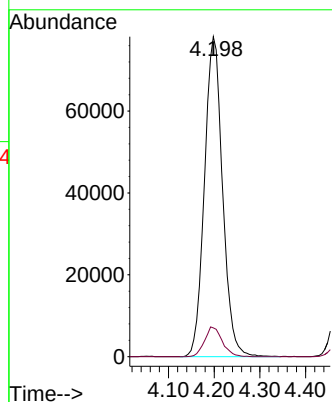
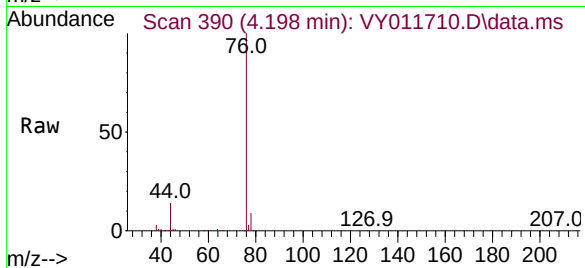




#17
Carbon Disulfide
Concen: 45.384 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

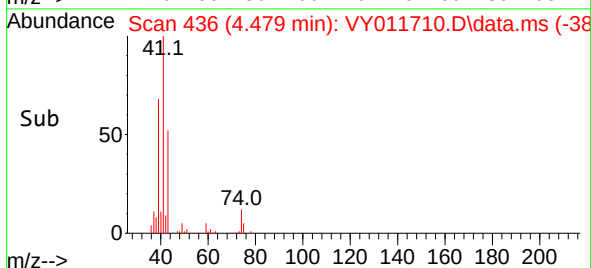
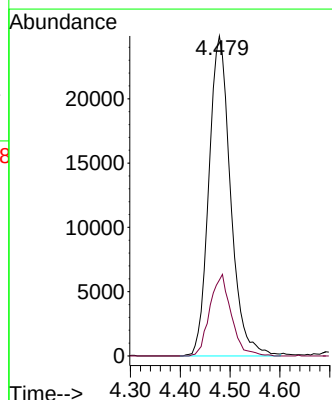
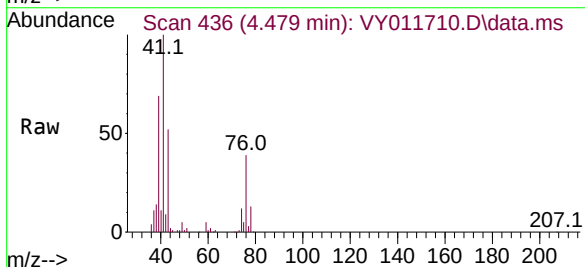
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

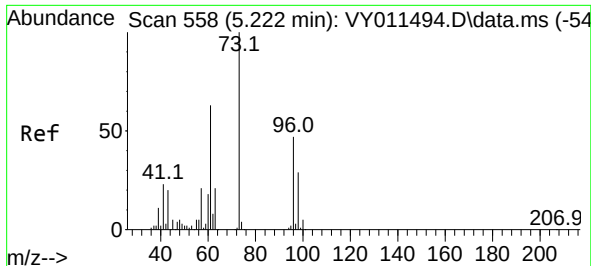
Tgt Ion: 76 Resp: 215014
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 50.710 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 43 Resp: 75160
Ion Ratio Lower Upper
43 100
74 25.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 56.242 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

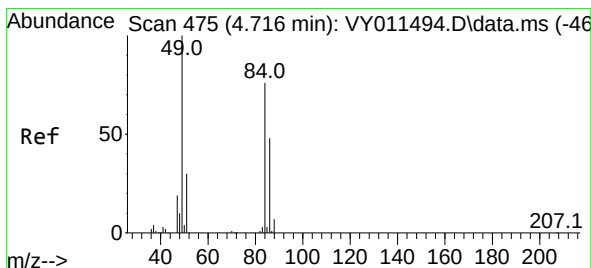
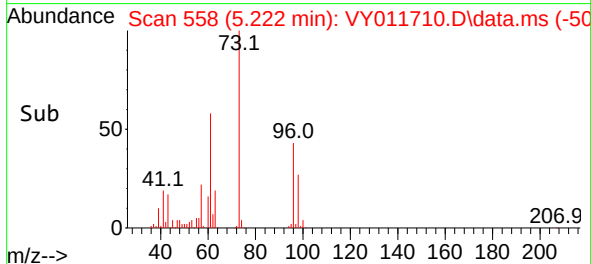
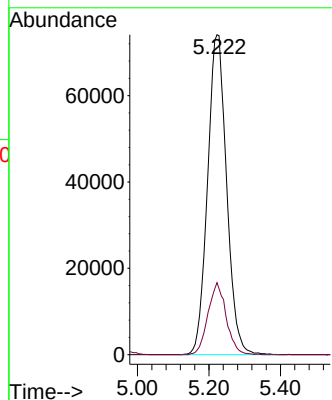
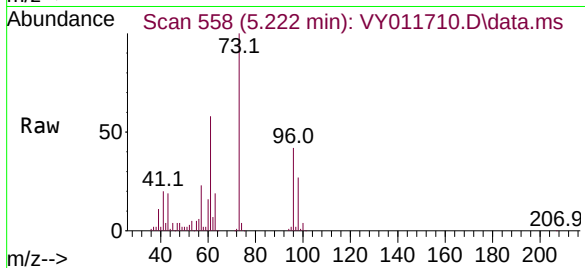
VSTDCCC050

Tgt Ion: 73 Resp: 274376

Ion Ratio Lower Upper

73 100

57 22.5 18.6 27.8



#20

Methylene Chloride

Concen: 51.107 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Tgt Ion: 84 Resp: 122172

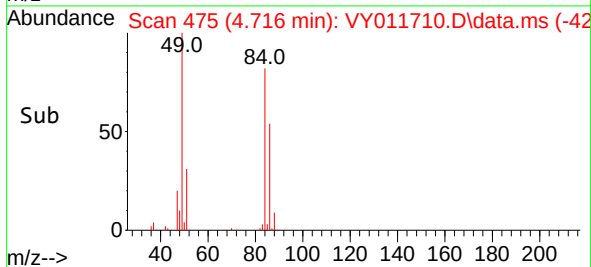
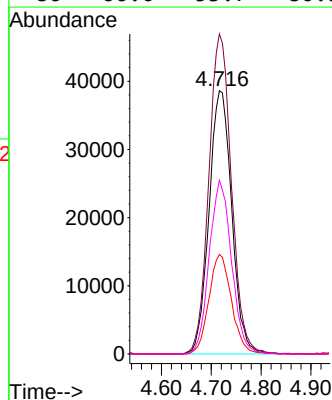
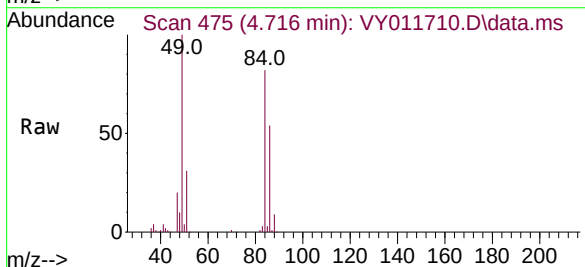
Ion Ratio Lower Upper

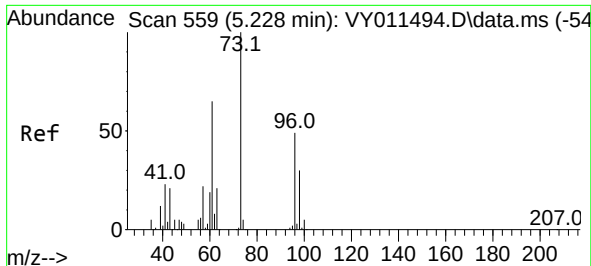
84 100

49 121.5 114.4 171.6

51 37.8 35.3 52.9

86 66.0 53.7 80.5

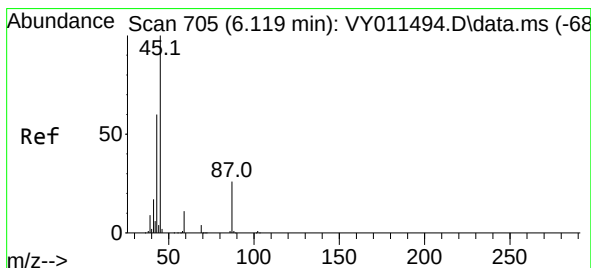
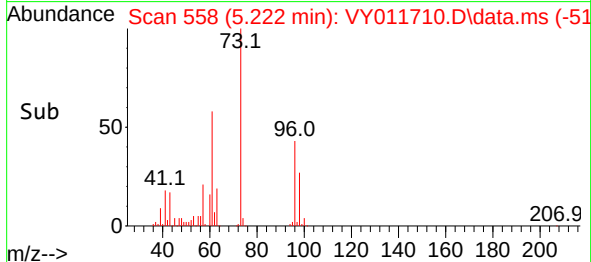
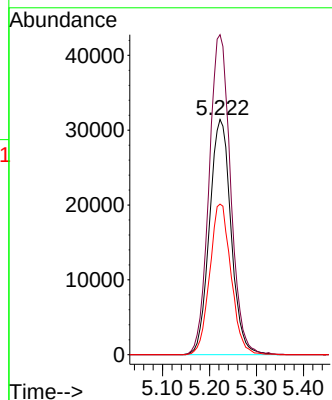
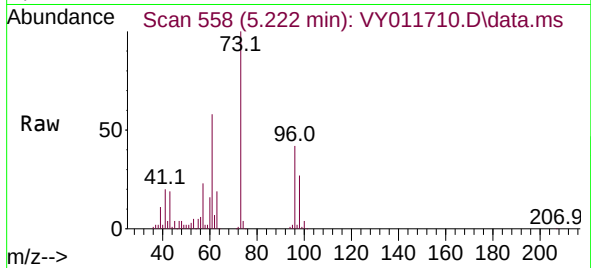




#21
trans-1,2-Dichloroethene
Concen: 50.720 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

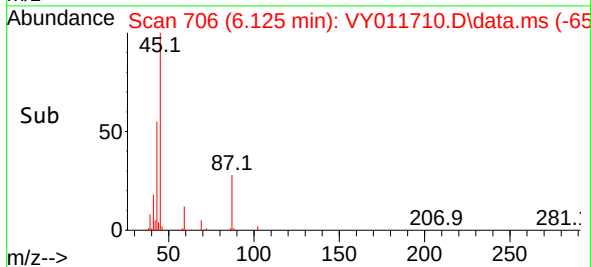
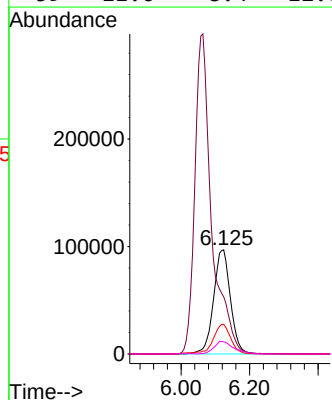
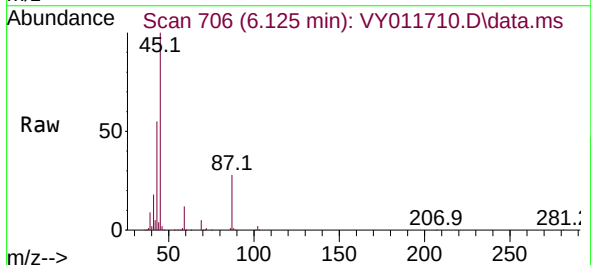
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

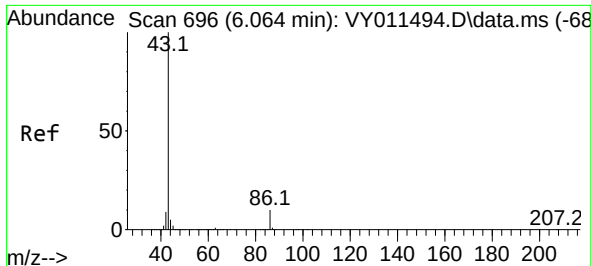
Tgt Ion: 96 Resp: 100189
Ion Ratio Lower Upper
96 100
61 136.0 120.5 180.7
98 64.0 49.8 74.8



#22
Diisopropyl ether
Concen: 50.542 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 45 Resp: 331058
Ion Ratio Lower Upper
45 100
43 54.4 49.3 73.9
87 28.4 19.2 28.8
59 11.6 8.4 12.6

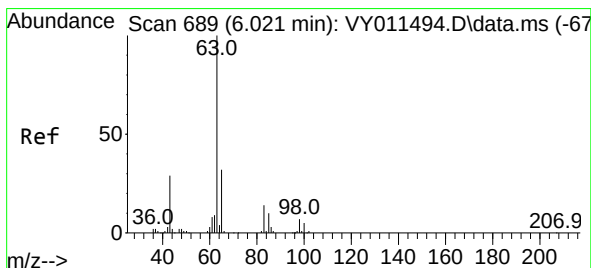
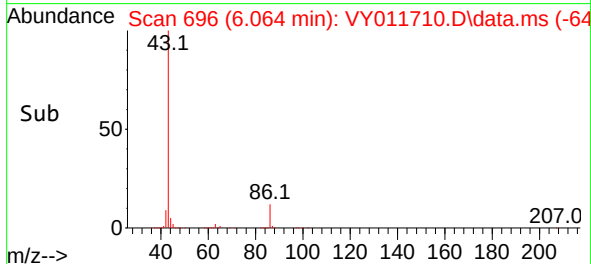
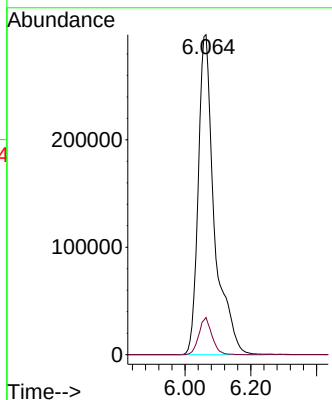
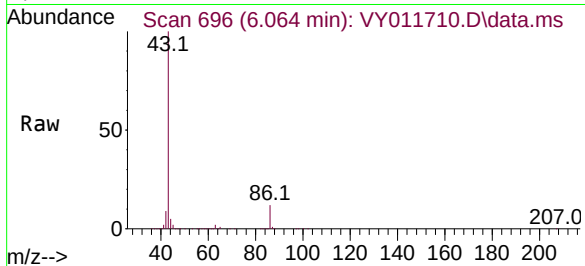




#23
 Vinyl Acetate
 Concen: 266.465 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

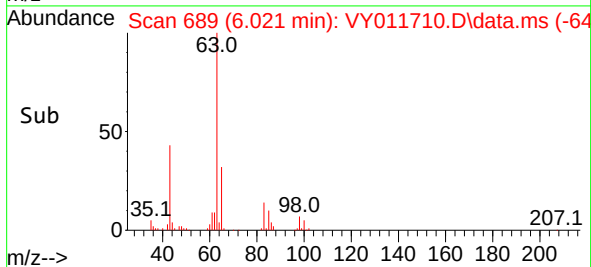
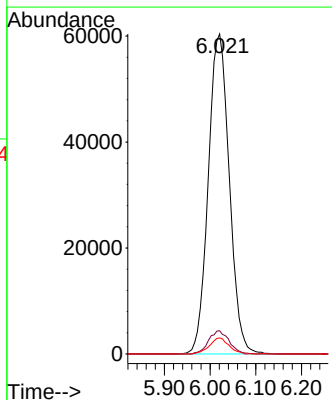
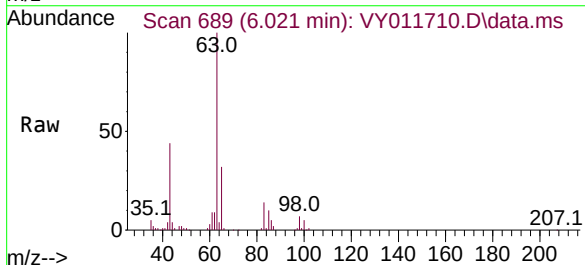
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

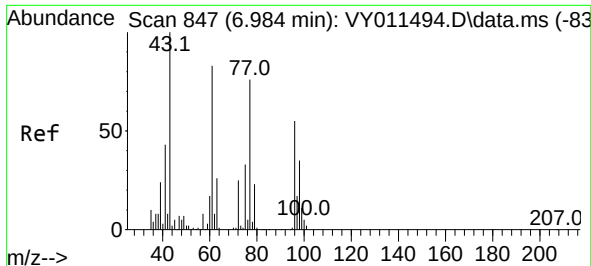
Tgt Ion: 43 Resp: 1016713
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.200 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

Tgt Ion: 63 Resp: 193064
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.0 2.0 5.8

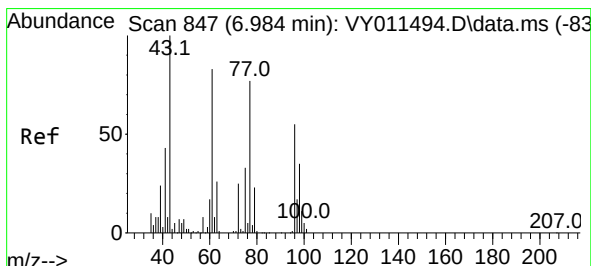
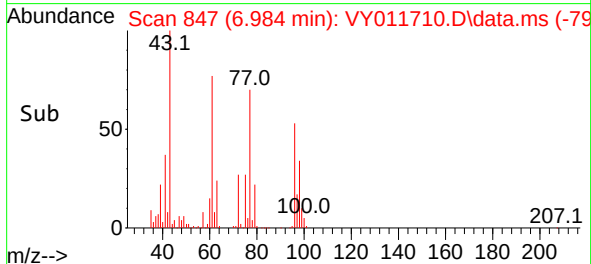
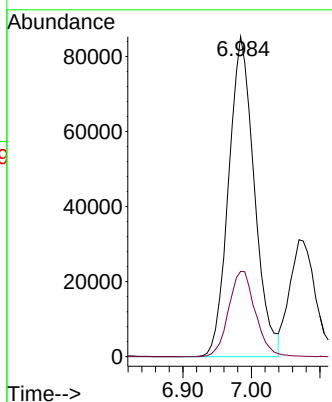
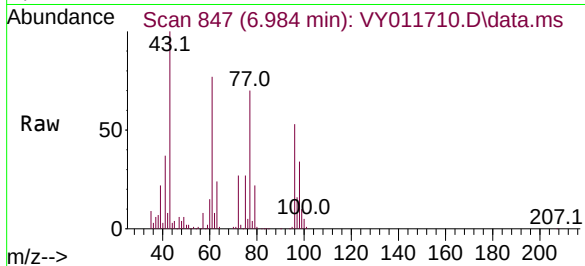




#25
2-Butanone
Concen: 263.718 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

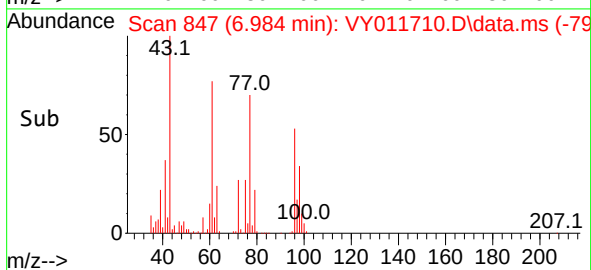
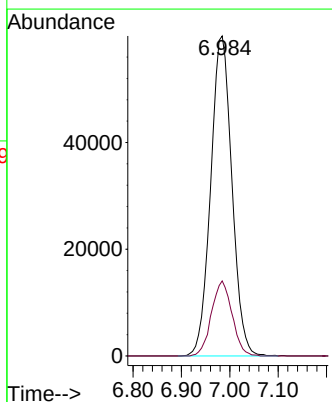
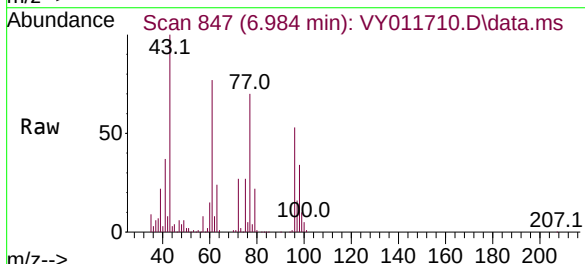
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

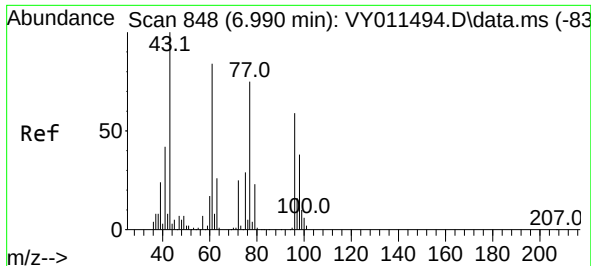
Tgt Ion: 43 Resp: 222351
Ion Ratio Lower Upper
43 100
72 26.6 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 51.512 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 77 Resp: 182844
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.521 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

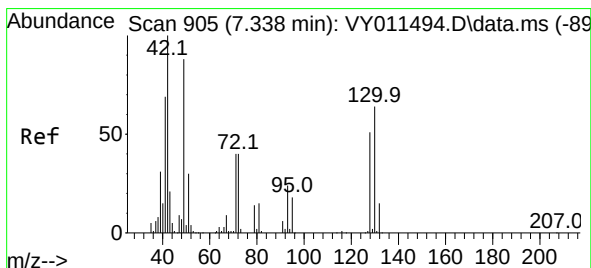
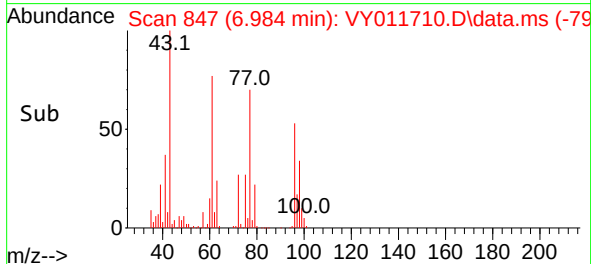
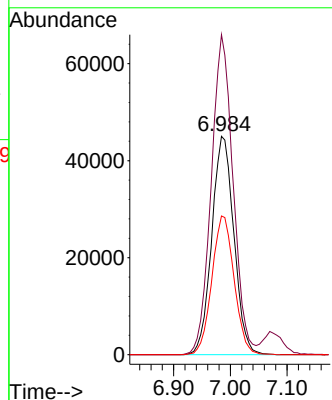
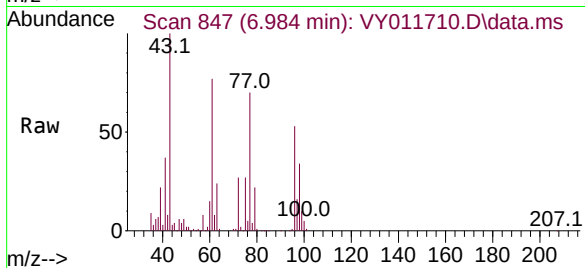
Tgt Ion: 96 Resp: 122140

Ion Ratio Lower Upper

96 100

61 144.6 0.0 319.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 46.707 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

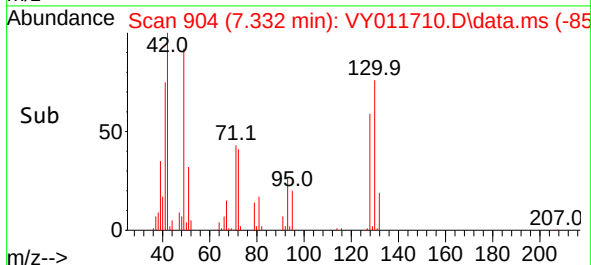
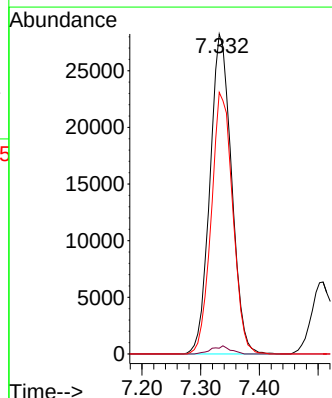
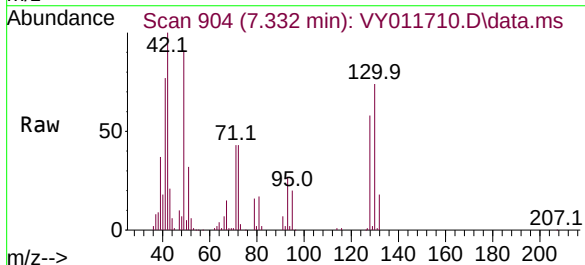
Tgt Ion: 49 Resp: 72164

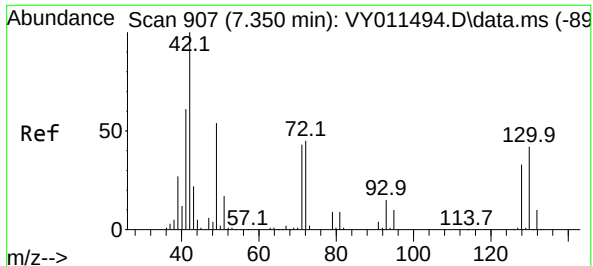
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2

130 81.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 257.152 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

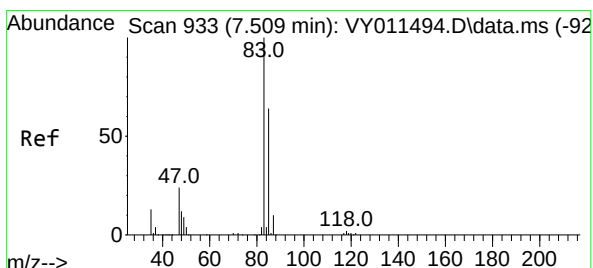
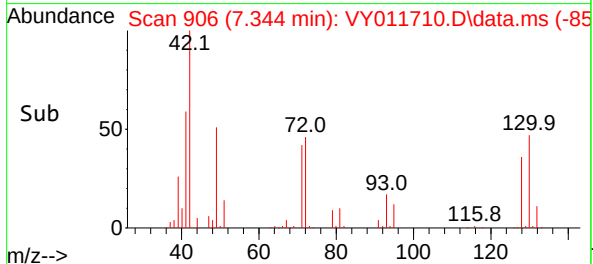
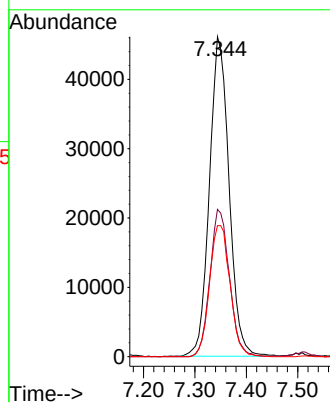
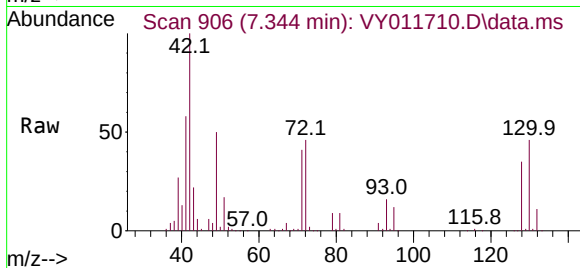
Tgt Ion: 42 Resp: 122443

Ion Ratio Lower Upper

42 100

72 45.7 30.3 45.5#

71 42.8 29.0 43.4



#30

Chloroform

Concen: 51.877 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.001 min

Lab File: VY011710.D

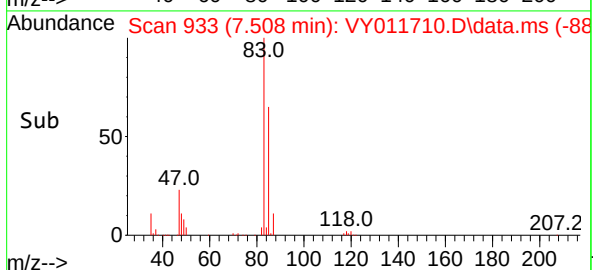
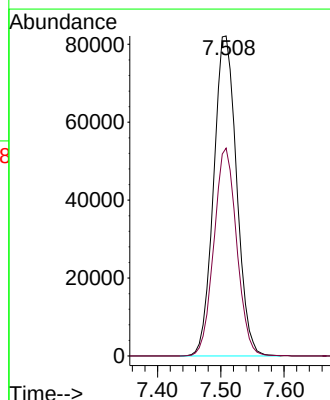
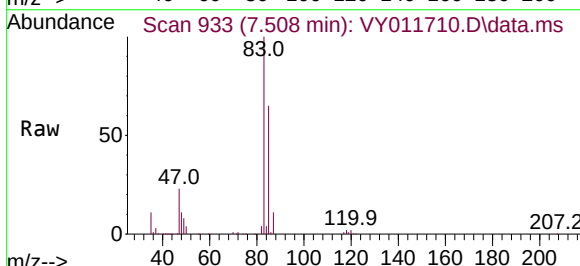
Acq: 06 Dec 2022 10:56

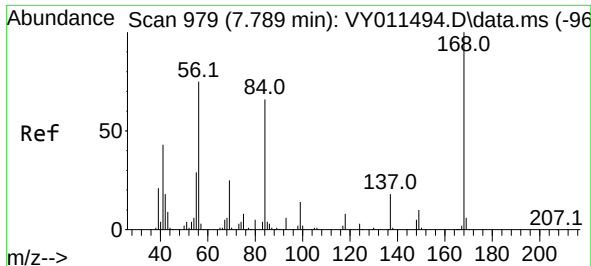
Tgt Ion: 83 Resp: 206903

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

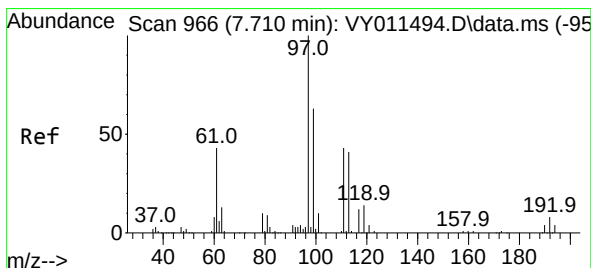
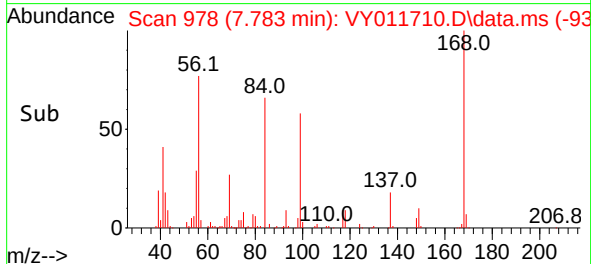
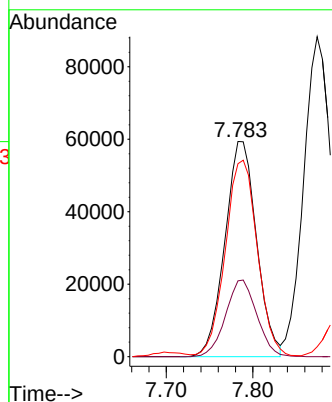
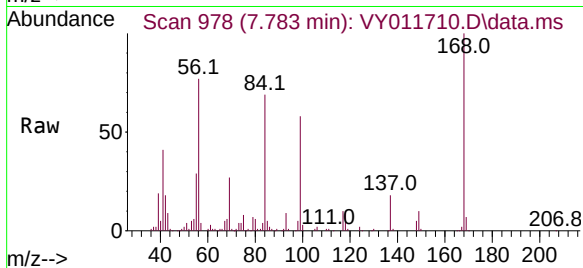




#31
Cyclohexane
Concen: 46.014 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

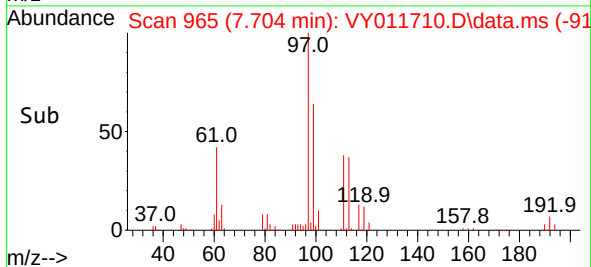
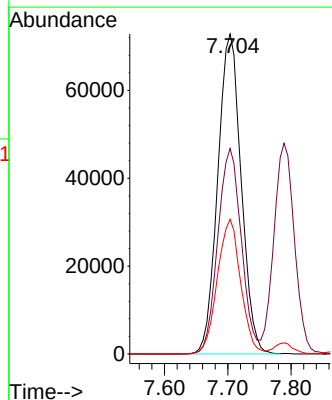
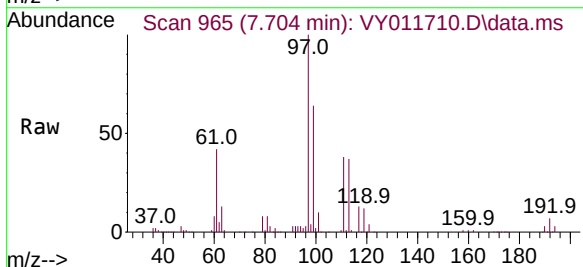
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

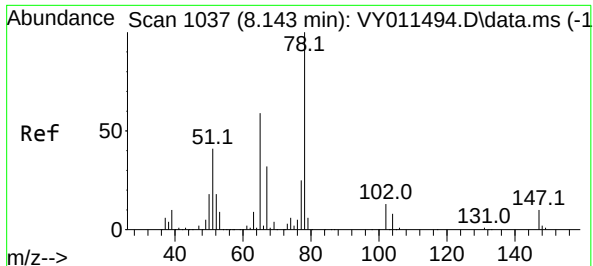
Tgt Ion: 56 Resp: 150638
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 88.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.377 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 97 Resp: 186874
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 41.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

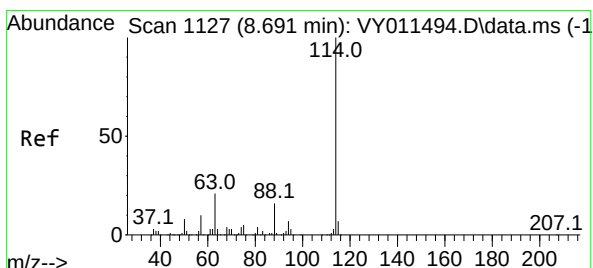
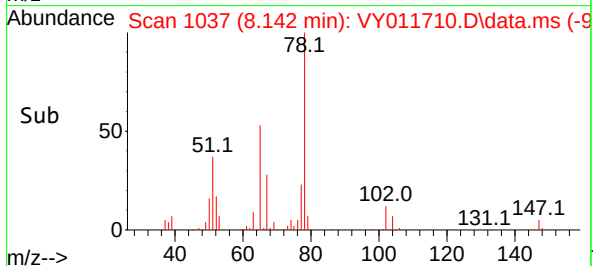
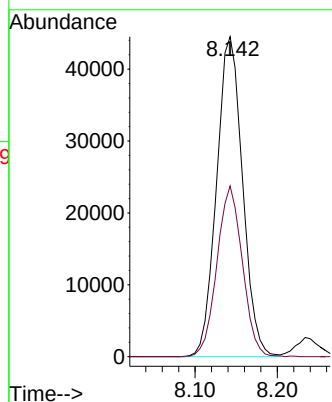
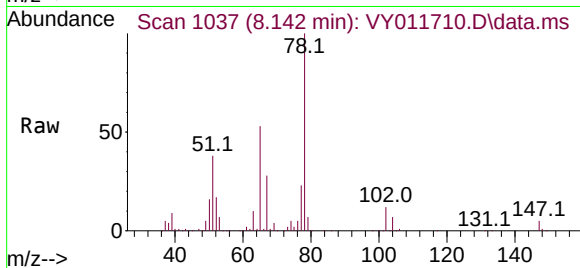
VSTDCCC050

Tgt Ion: 65 Resp: 97775

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

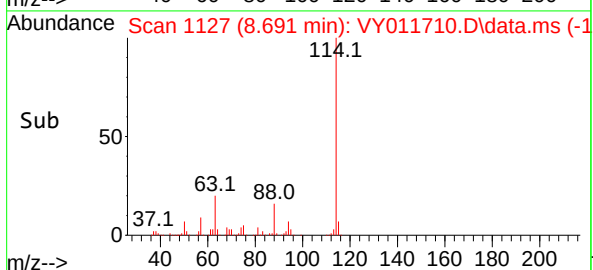
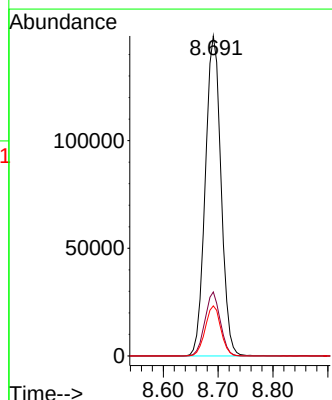
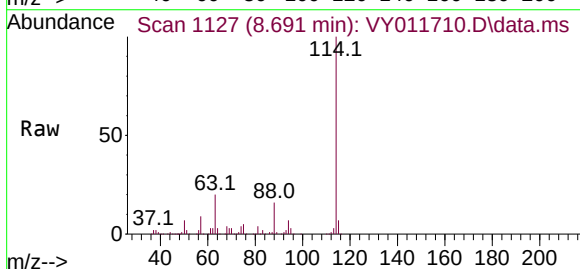
Tgt Ion: 114 Resp: 294938

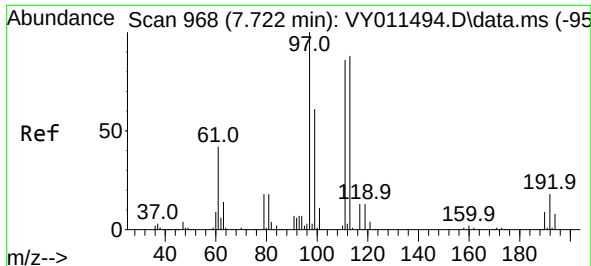
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8

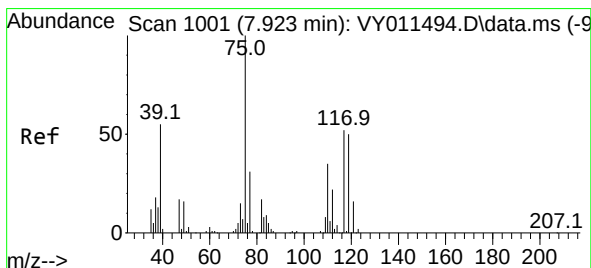
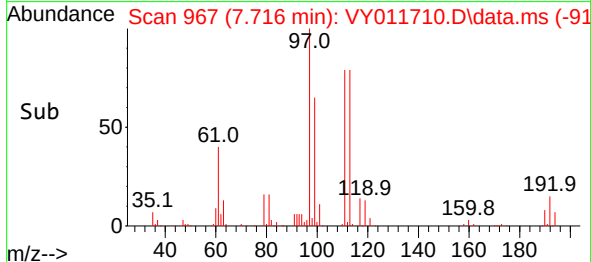
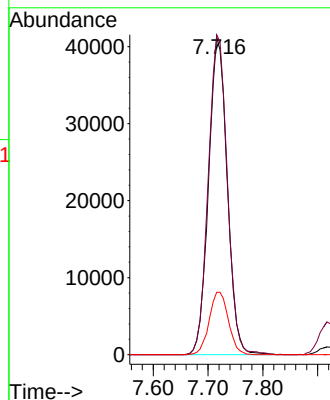
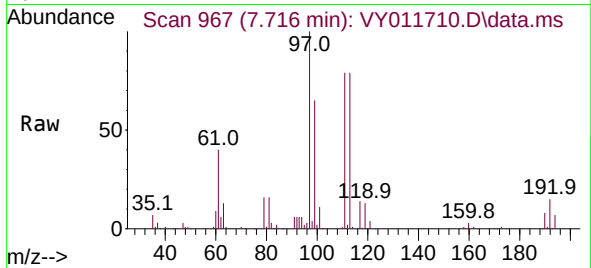




#35
Dibromofluoromethane
Concen: 53.604 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

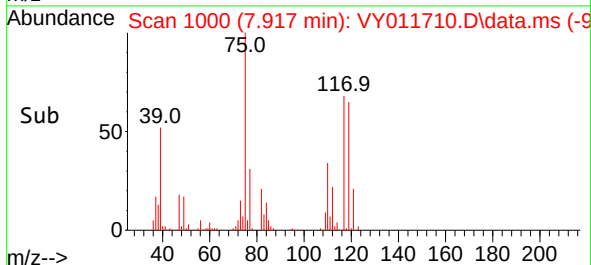
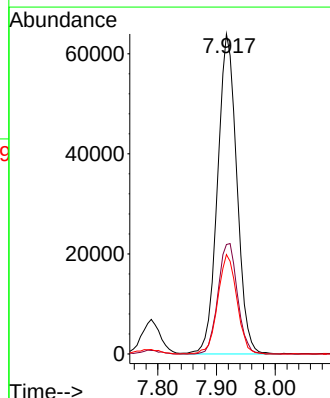
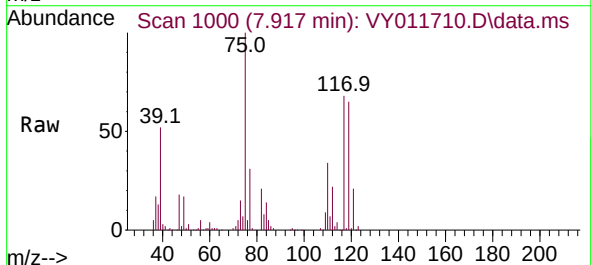
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

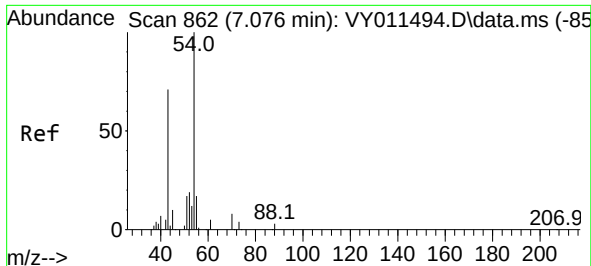
Tgt Ion:113 Resp: 97325
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.347 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 75 Resp: 145726
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.8 24.4 36.6

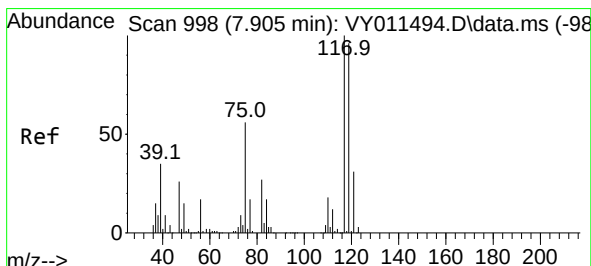
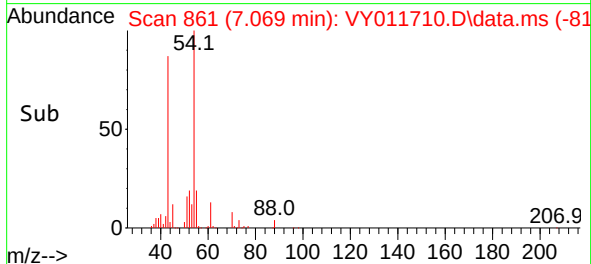
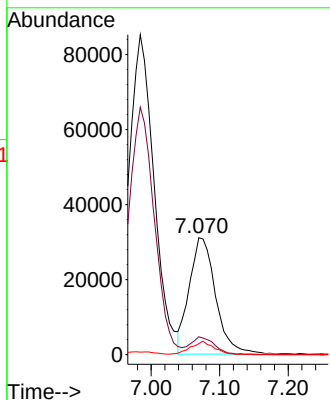
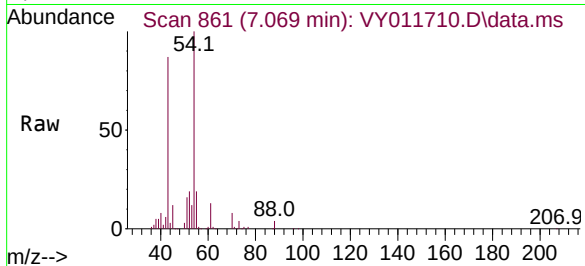




#37
Ethyl Acetate
Concen: 51.288 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

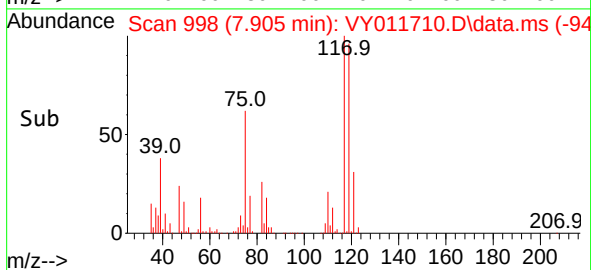
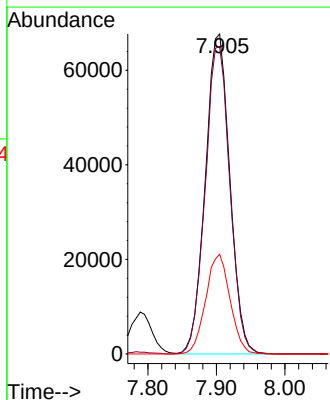
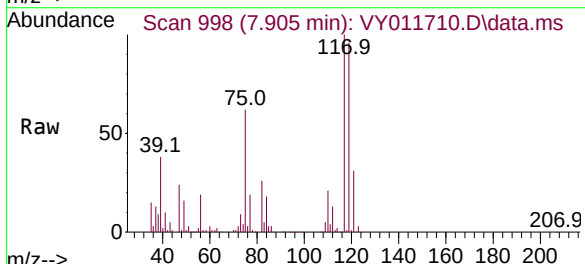
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

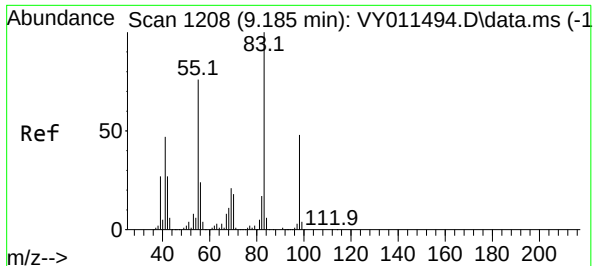
Tgt Ion: 43 Resp: 82886
Ion Ratio Lower Upper
43 100
61 14.2 9.7 14.5
70 10.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.161 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 117 Resp: 168796
Ion Ratio Lower Upper
117 100
119 96.1 77.9 116.9
121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 51.725 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

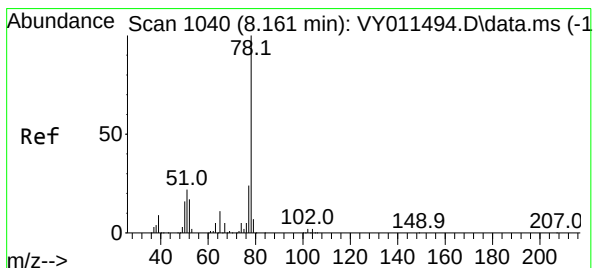
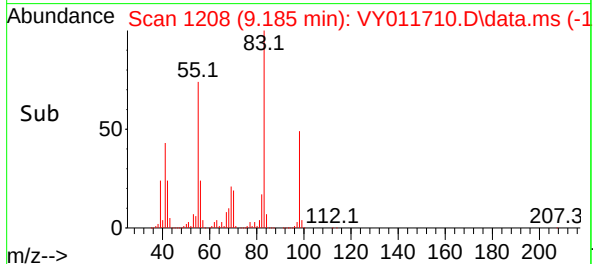
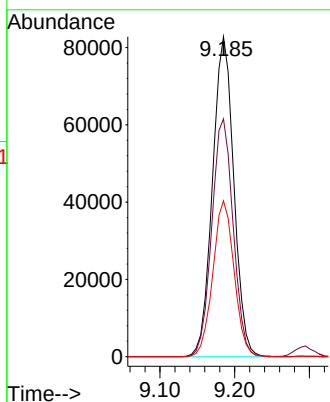
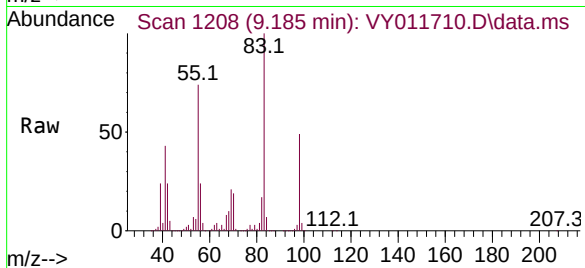
Tgt Ion: 83 Resp: 163821

Ion Ratio Lower Upper

83 100

55 74.3 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 51.685 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011710.D

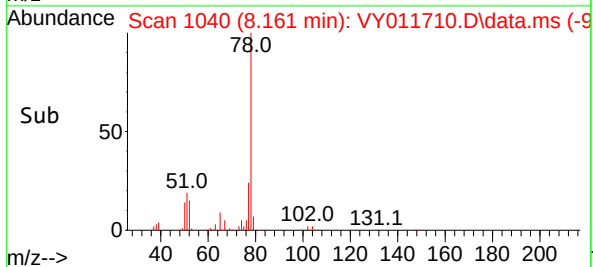
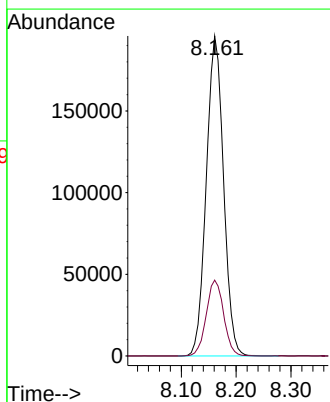
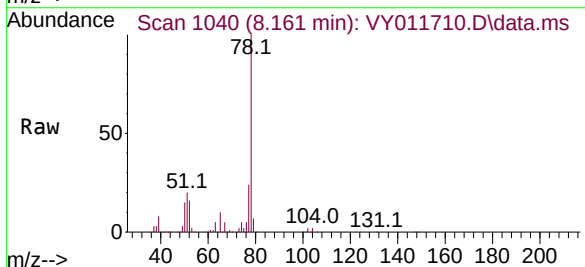
Acq: 06 Dec 2022 10:56

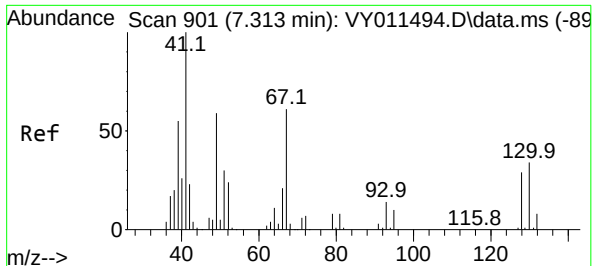
Tgt Ion: 78 Resp: 427284

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

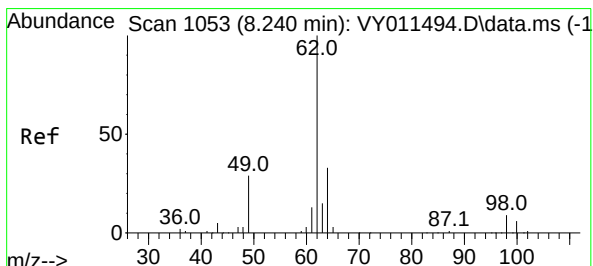
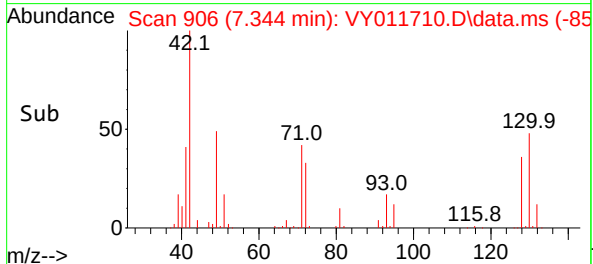
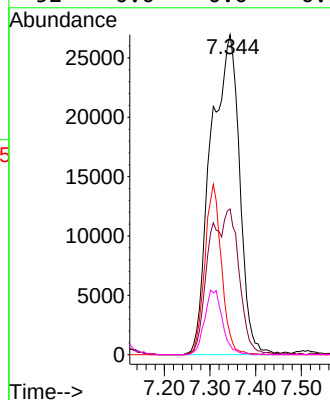
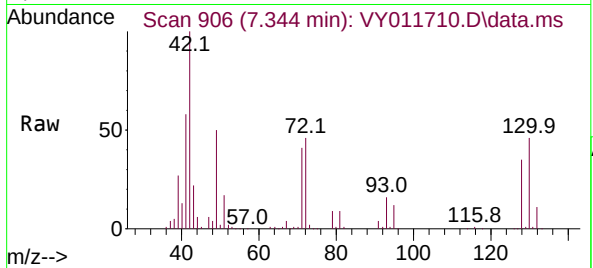




#41
Methacrylonitrile
Concen: 143.180 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

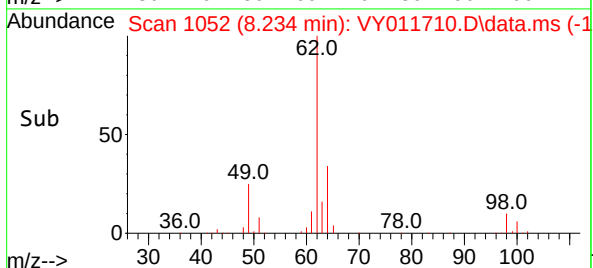
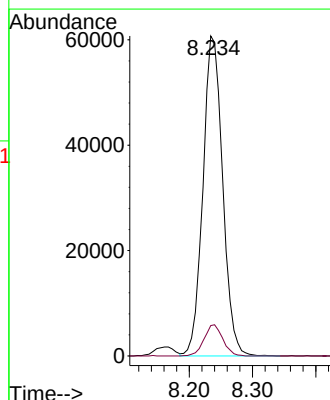
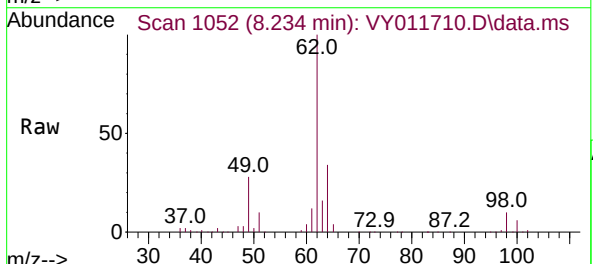
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

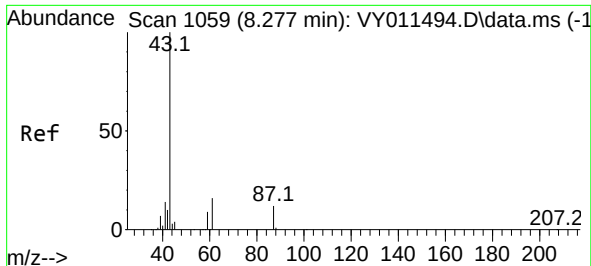
Tgt Ion: 41 Resp: 116993
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.613 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 62 Resp: 131961
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8

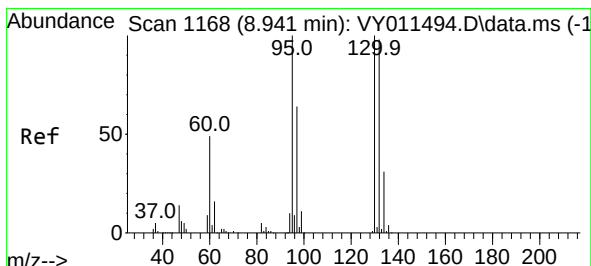
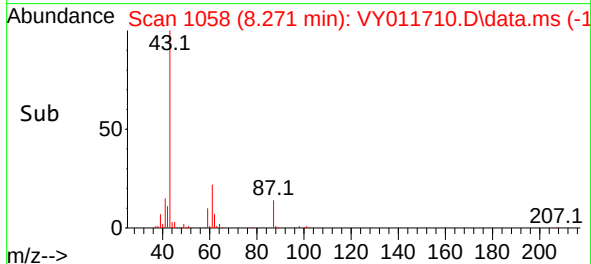
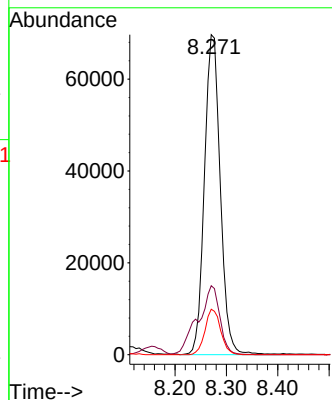
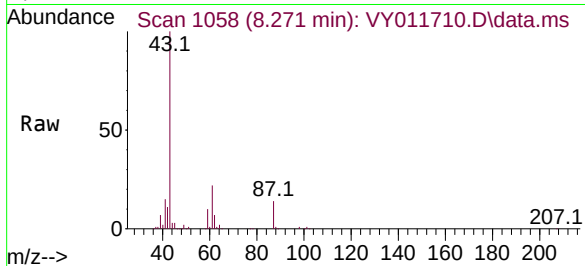




#43
Isopropyl Acetate
Concen: 51.244 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

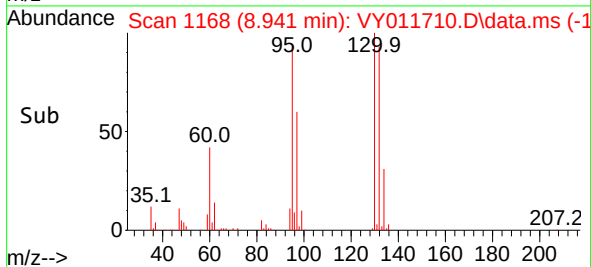
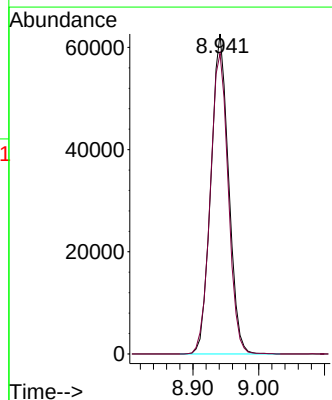
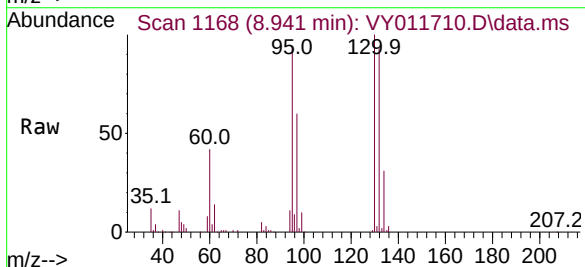
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

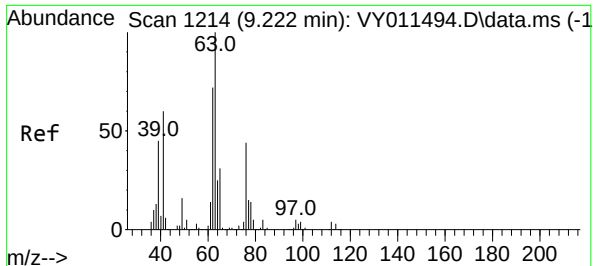
Tgt Ion: 43 Resp: 149396
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 14.0 8.9 13.3#



#44
Trichloroethene
Concen: 52.719 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:130 Resp: 117264
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.295 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

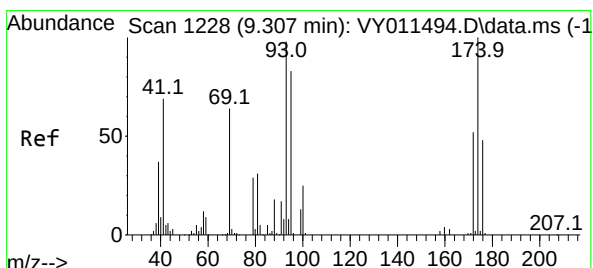
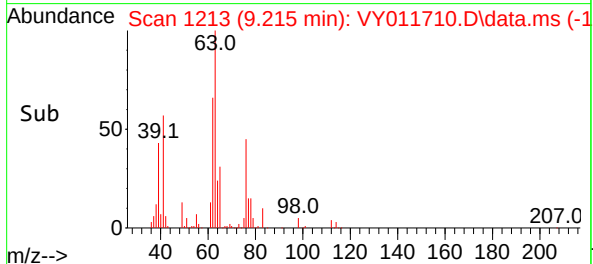
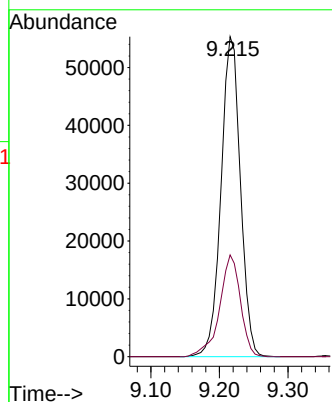
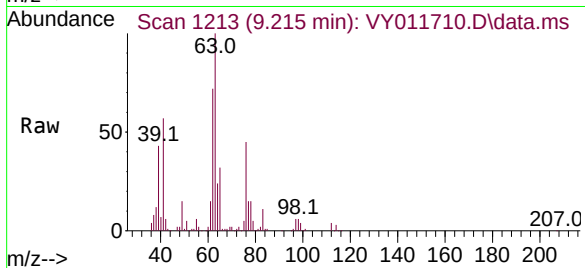
VSTDCCC050

Tgt Ion: 63 Resp: 108393

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 51.633 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

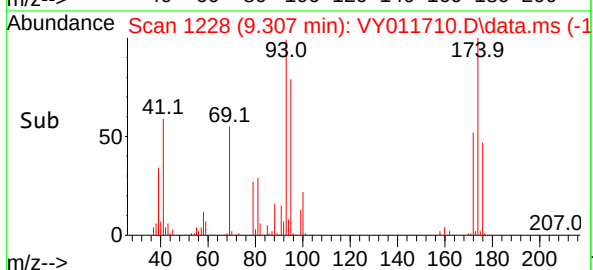
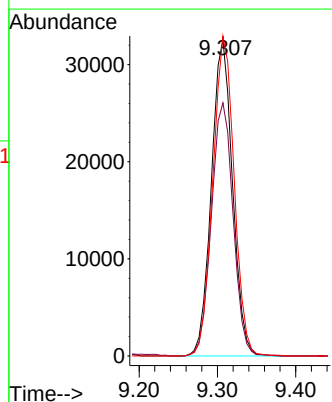
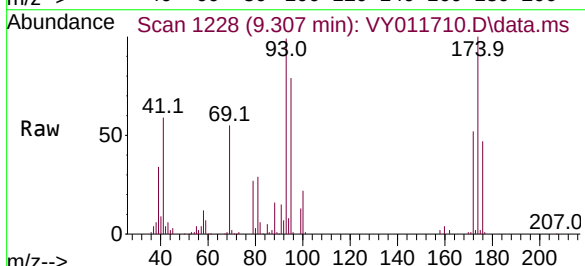
Tgt Ion: 93 Resp: 61006

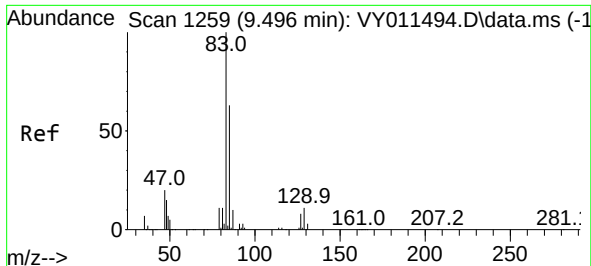
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 102.3 83.4 125.0





#47

Bromodichloromethane

Concen: 53.252 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

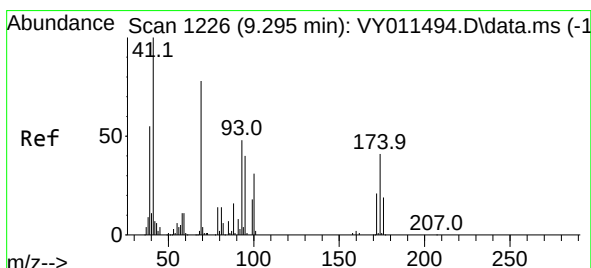
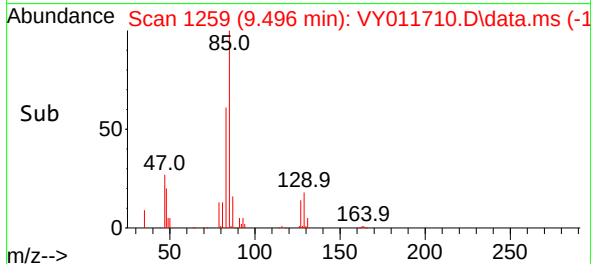
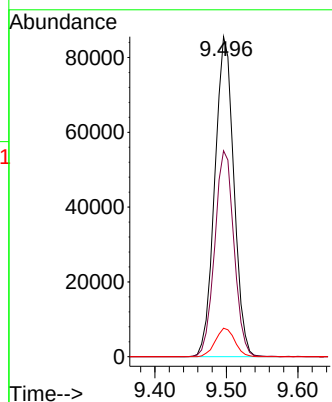
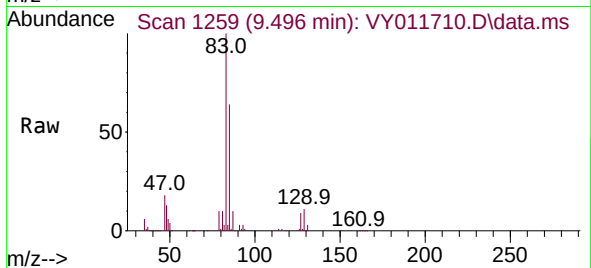
Tgt Ion: 83 Resp: 158484

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

127 8.9 6.6 10.0



#48

Methyl methacrylate

Concen: 51.916 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

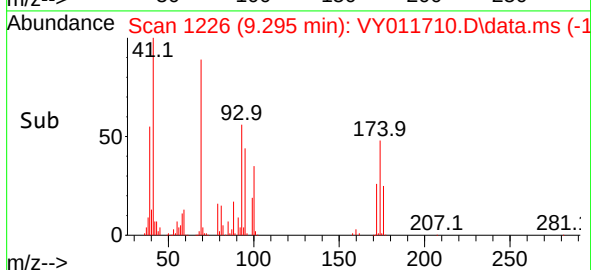
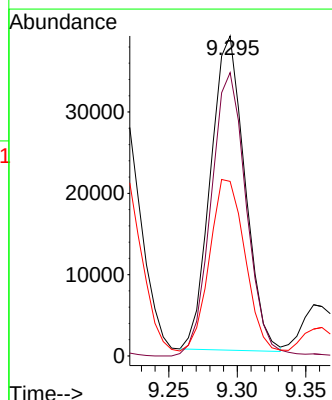
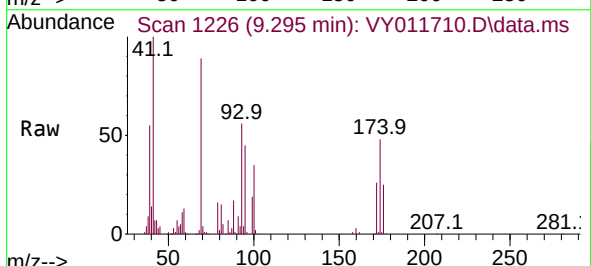
Tgt Ion: 41 Resp: 67228

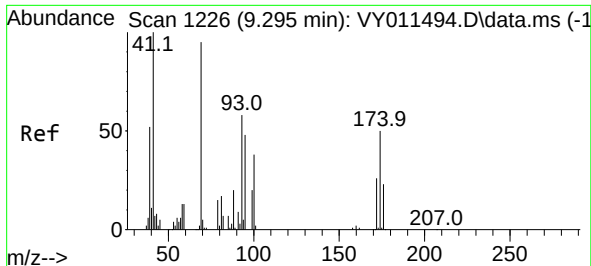
Ion Ratio Lower Upper

41 100

69 93.1 58.2 87.2#

39 56.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1111.586 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

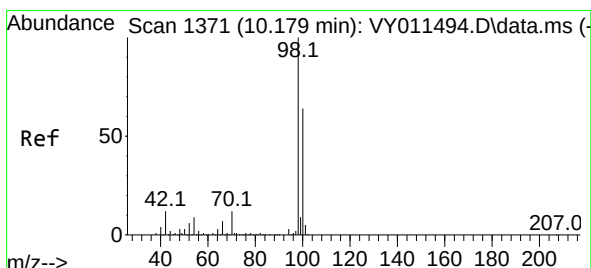
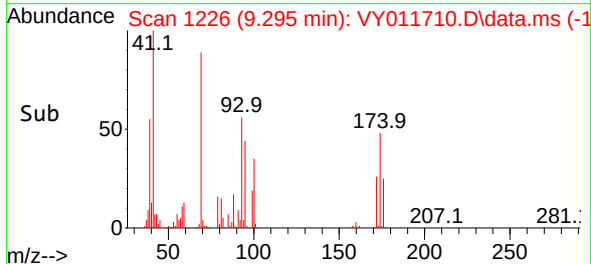
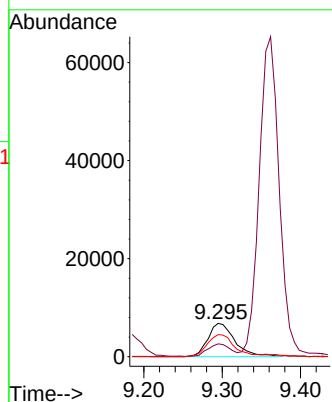
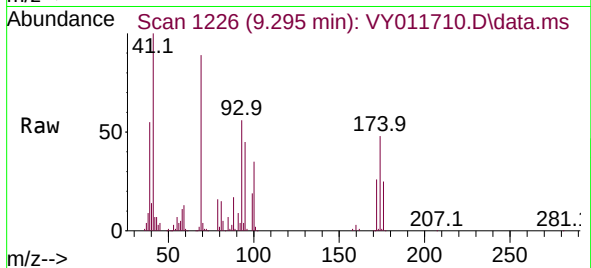
Tgt Ion: 88 Resp: 16265

Ion Ratio Lower Upper

88 100

43 31.2 32.8 49.2#

58 66.2 59.8 89.6



#50

Toluene-d8

Concen: 49.712 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011710.D

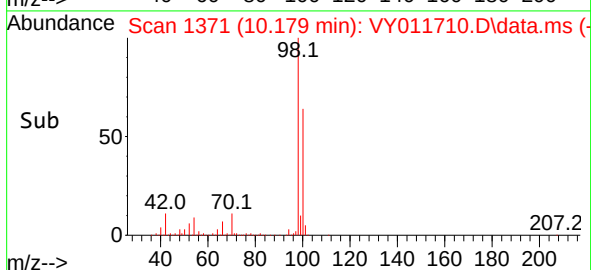
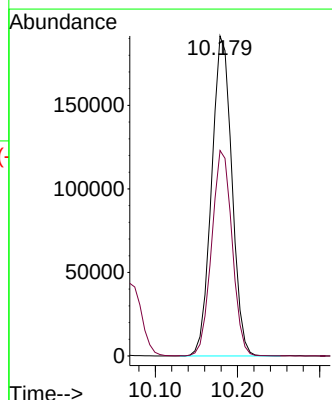
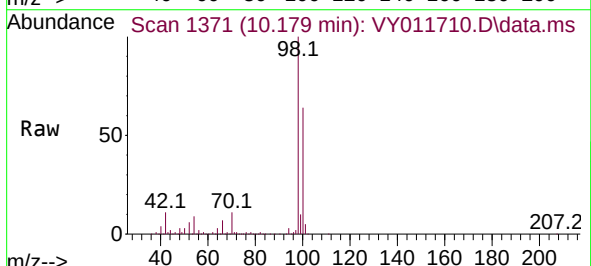
Acq: 06 Dec 2022 10:56

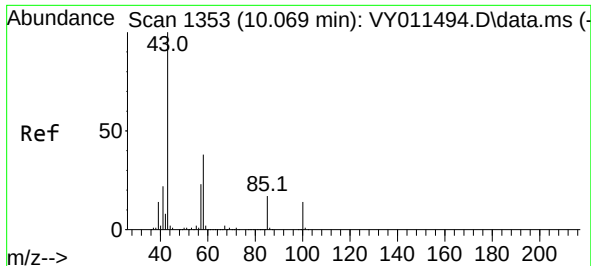
Tgt Ion: 98 Resp: 327987

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2

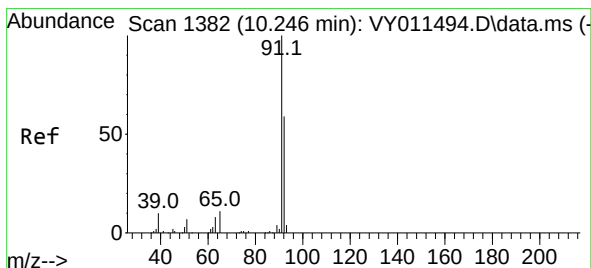
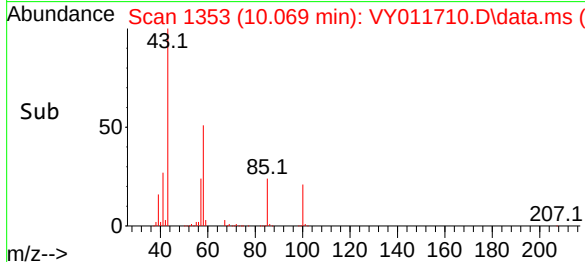
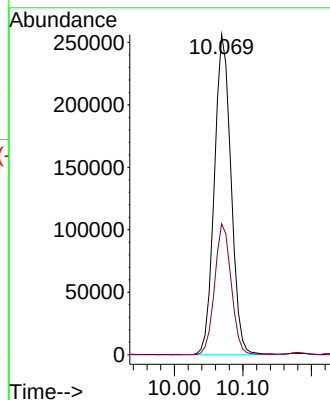
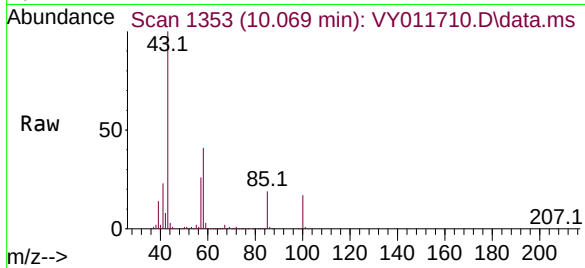




#51
4-Methyl-2-Pentanone
Concen: 266.445 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

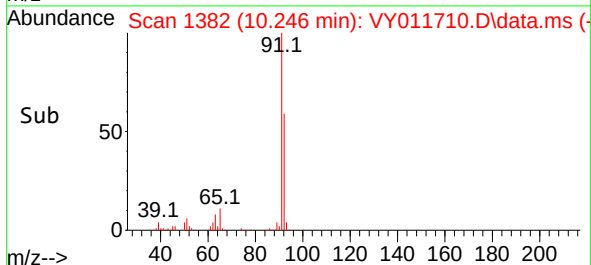
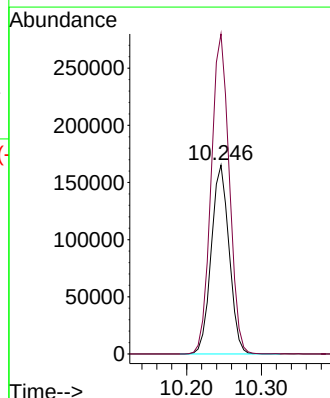
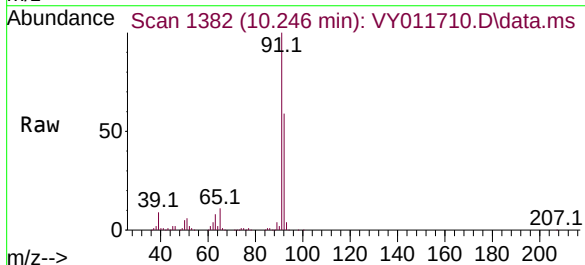
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

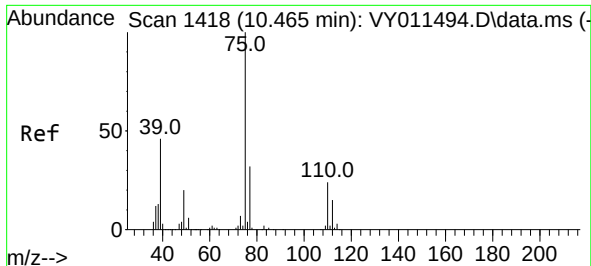
Tgt Ion: 43 Resp: 431817
Ion Ratio Lower Upper
43 100
58 40.6 28.1 42.1



#52
Toluene
Concen: 52.395 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 92 Resp: 273913
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

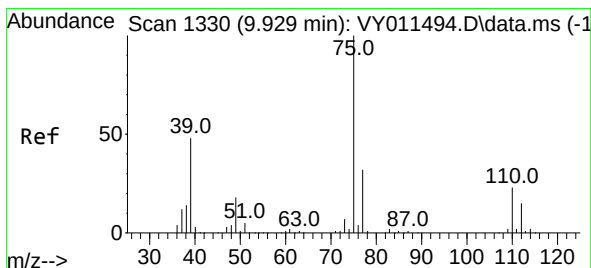
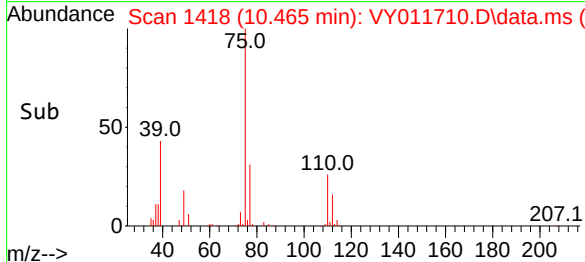
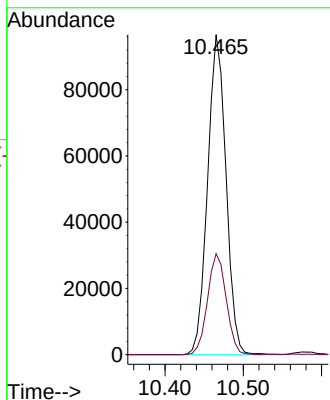
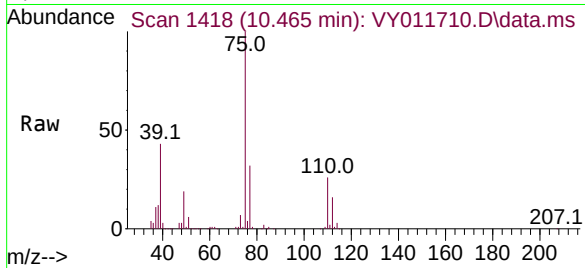




#53
t-1,3-Dichloropropene
Concen: 53.026 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

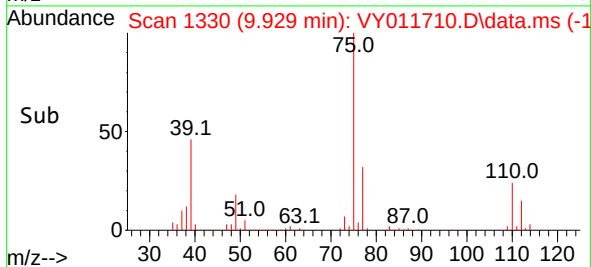
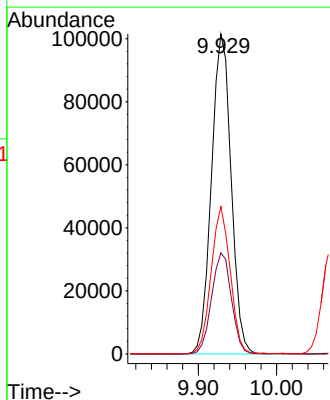
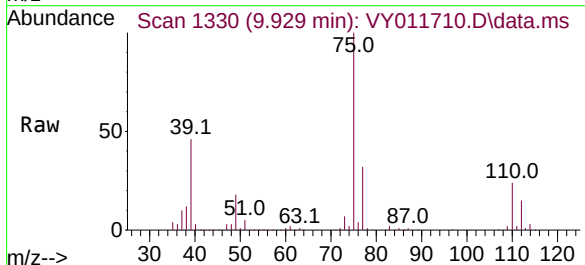
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

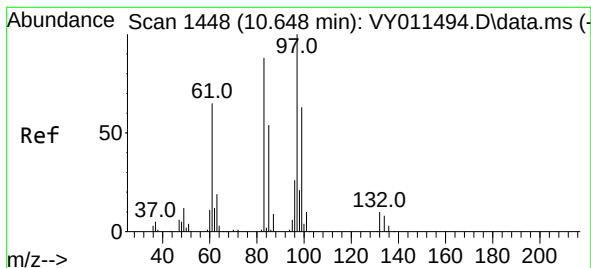
Tgt Ion: 75 Resp: 157749
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.981 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 75 Resp: 177313
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 46.0 47.6 71.4#

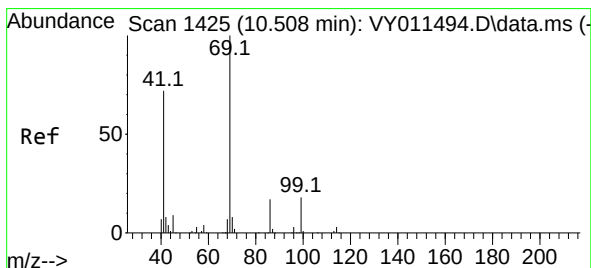
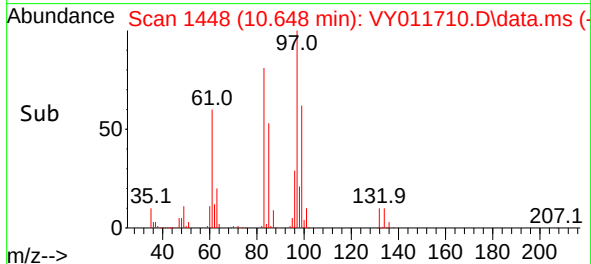
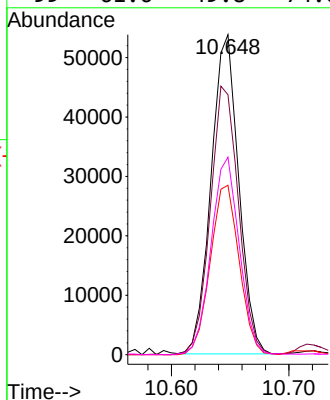
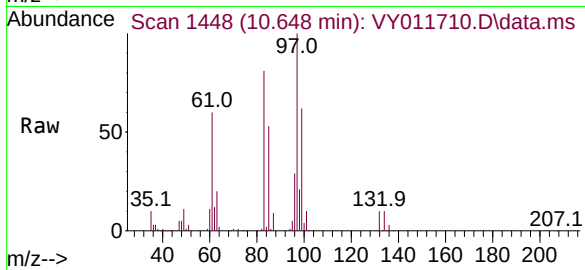




#55
1,1,2-Trichloroethane
Concen: 52.028 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

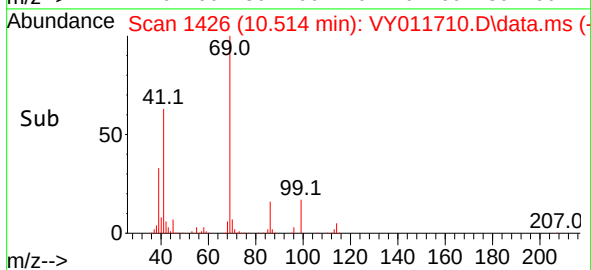
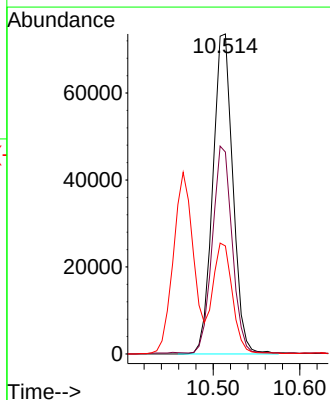
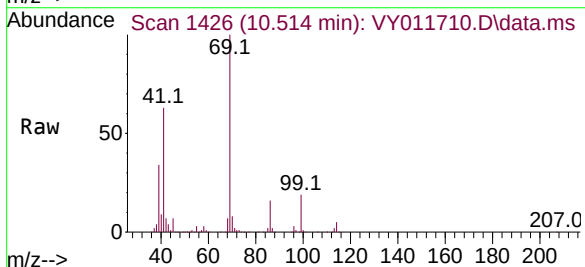
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

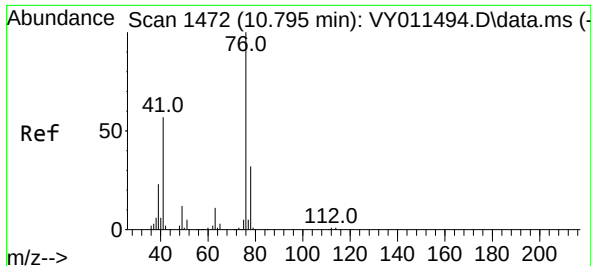
Tgt Ion:	97	Resp:	87947
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.8	104.8
85	53.1	44.3	66.5
99	61.6	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.308 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:	69	Resp:	118378
Ion	Ratio	Lower	Upper
69	100		
41	64.2	63.4	95.0
39	33.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 52.534 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.007 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

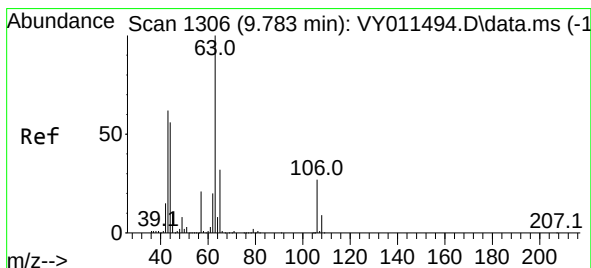
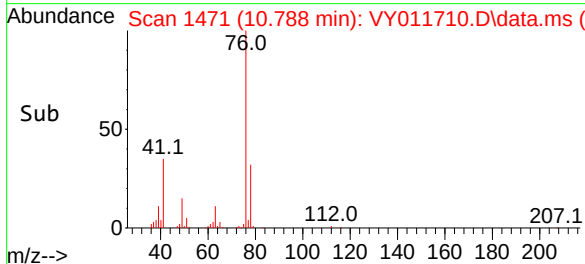
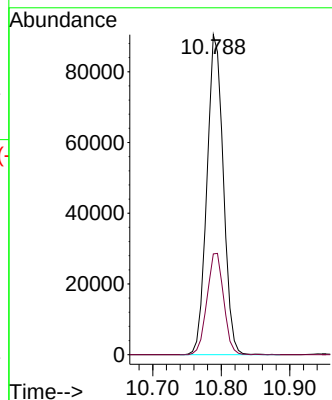
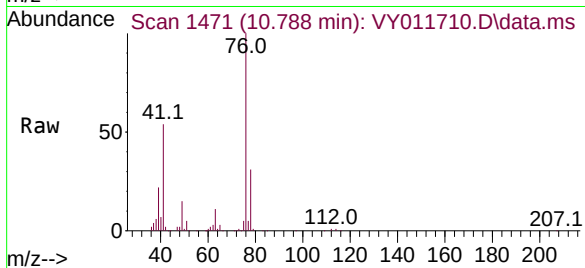
VSTDCCC050

Tgt Ion: 76 Resp: 150395

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.069 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY011710.D

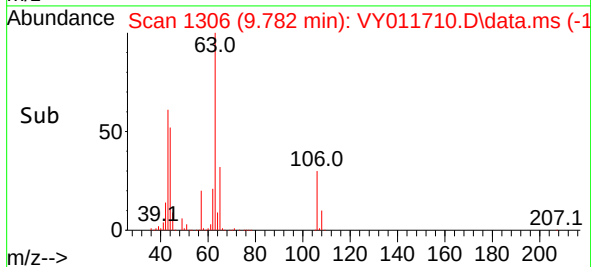
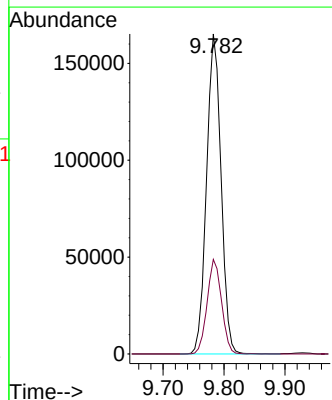
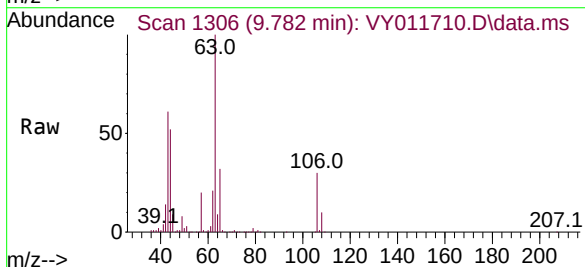
Acq: 06 Dec 2022 10:56

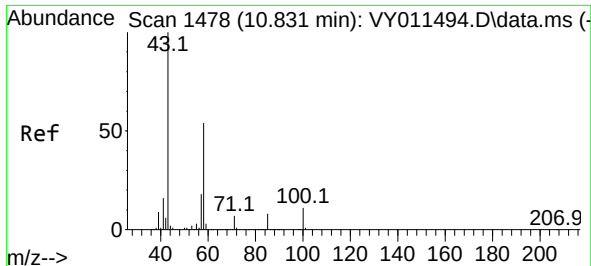
Tgt Ion: 63 Resp: 272921

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3

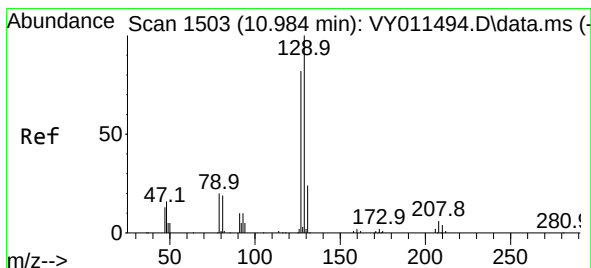
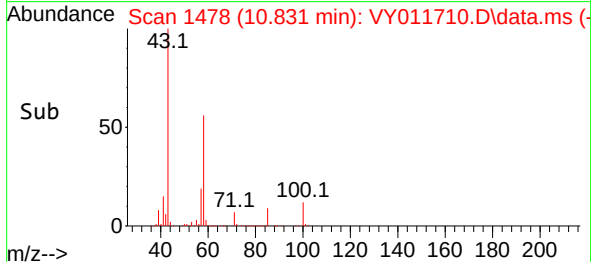
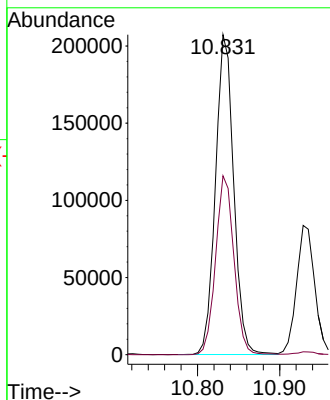
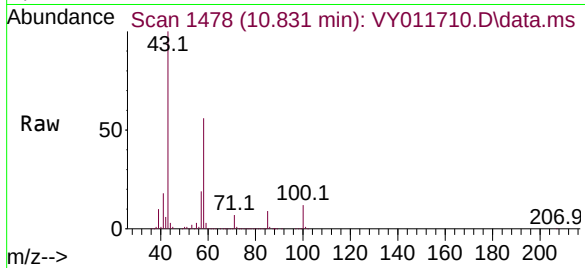




#59
2-Hexanone
Concen: 275.539 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

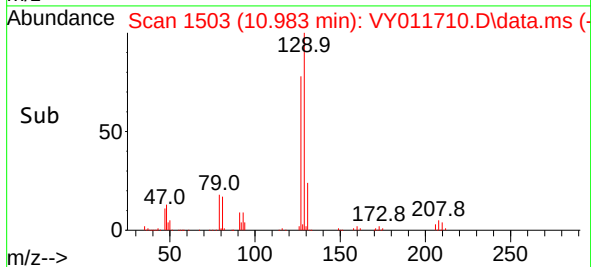
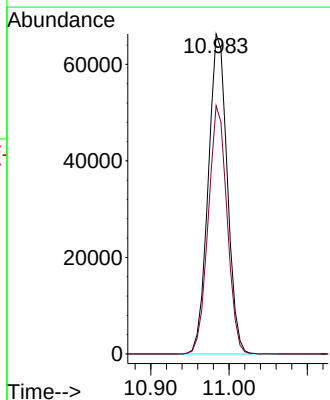
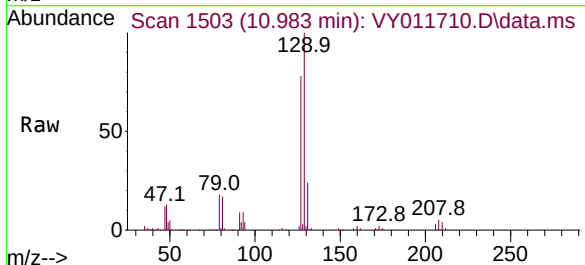
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

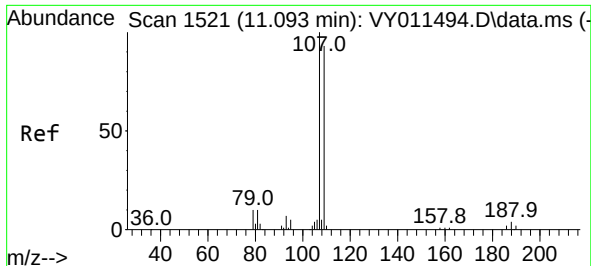
Tgt Ion: 43 Resp: 318717
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 53.753 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 129 Resp: 111352
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

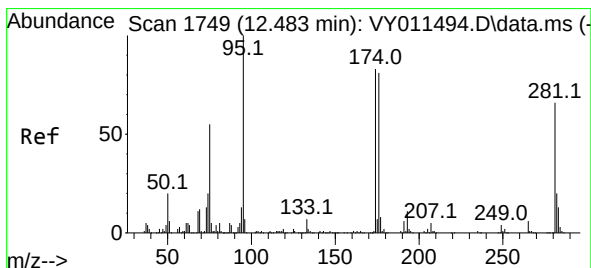
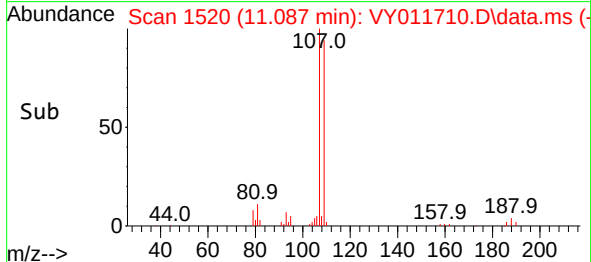
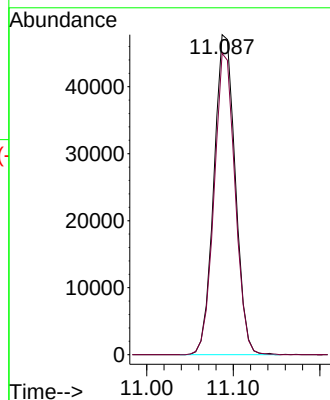
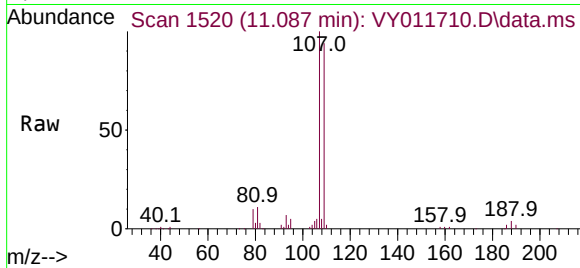




#61
1,2-Dibromoethane
Concen: 52.961 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

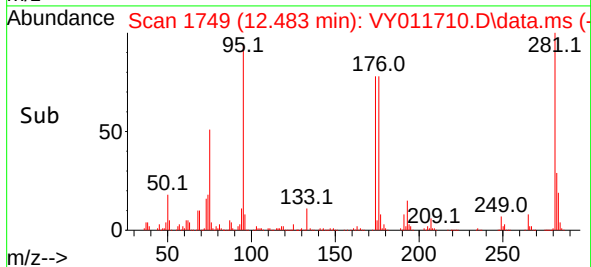
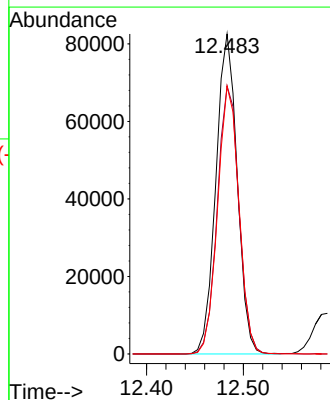
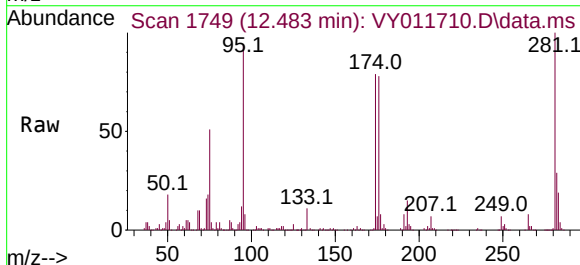
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

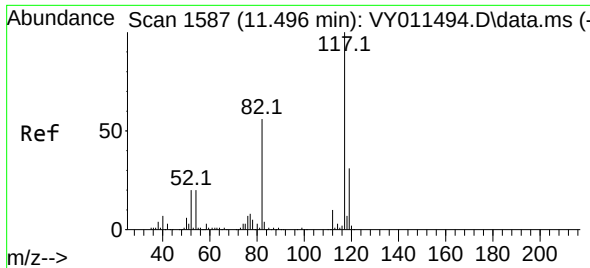
Tgt Ion:107 Resp: 81716
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 95 Resp: 126023
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 83.8 0.0 175.8

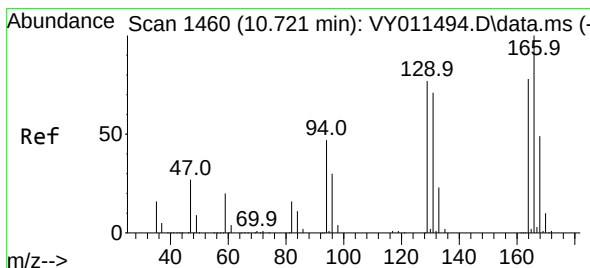
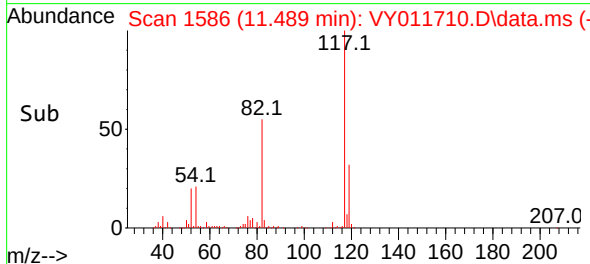
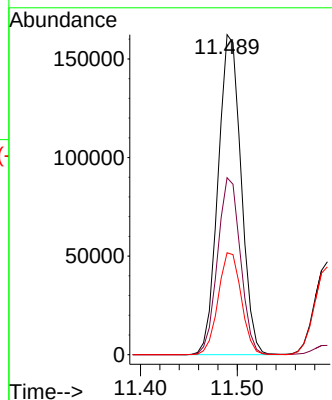
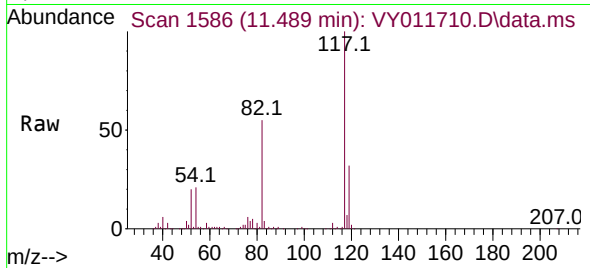




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

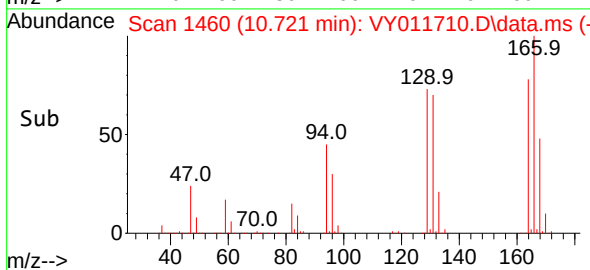
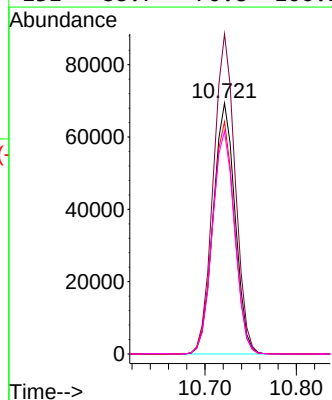
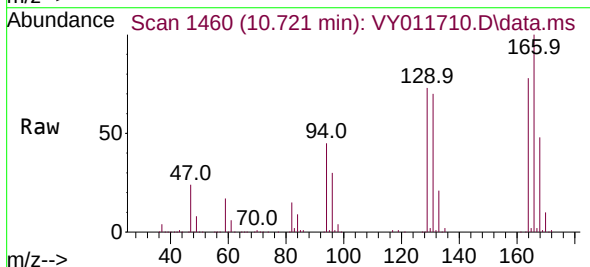
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

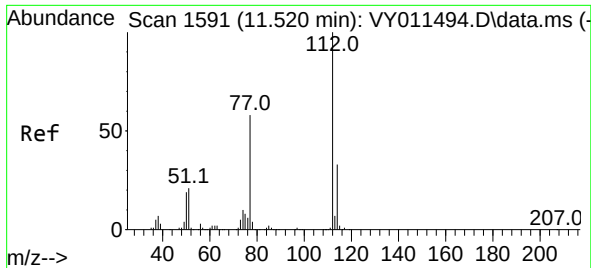
Tgt Ion:117 Resp: 267665
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 52.260 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:164 Resp: 115271
Ion Ratio Lower Upper
164 100
166 127.5 100.4 150.6
129 92.6 71.4 107.0
131 88.7 70.8 106.2

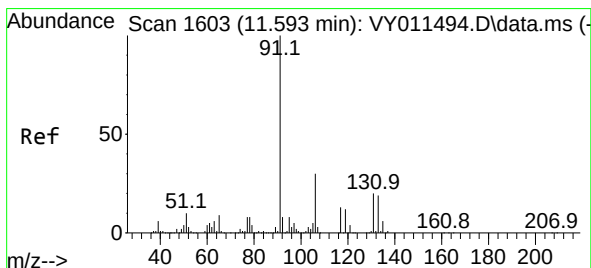
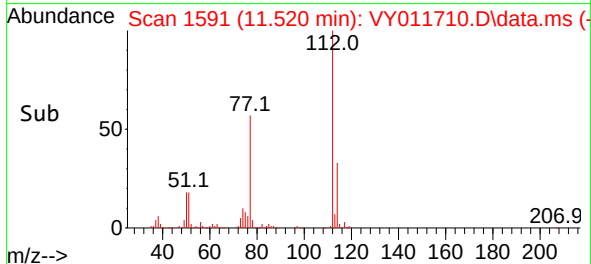
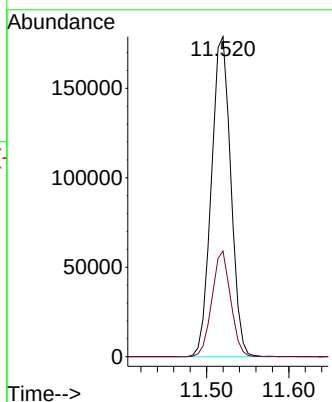
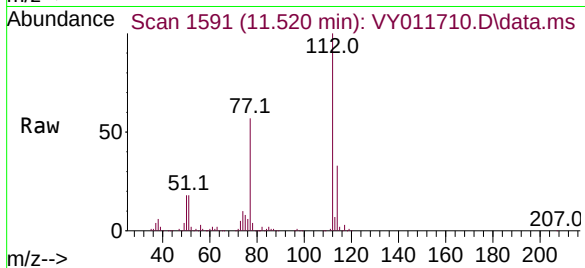




#65
Chlorobenzene
Concen: 52.373 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

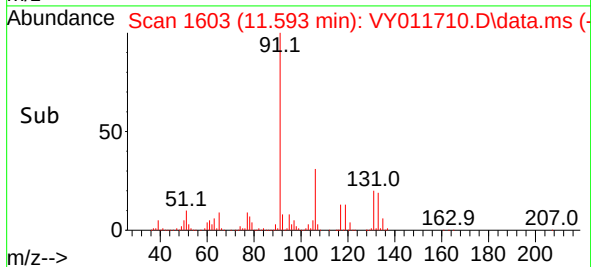
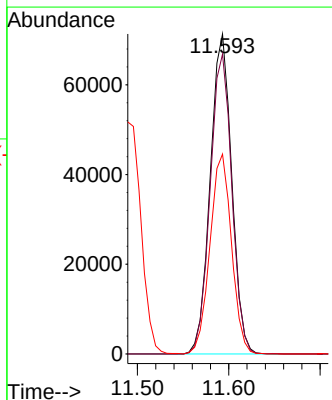
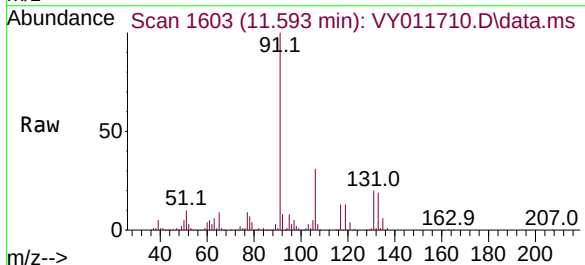
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

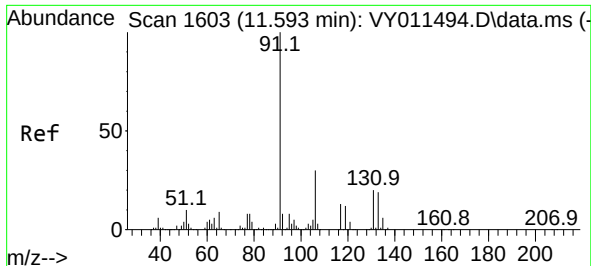
Tgt Ion:112 Resp: 293547
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.677 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:131 Resp: 116154
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 62.8 30.8 92.3

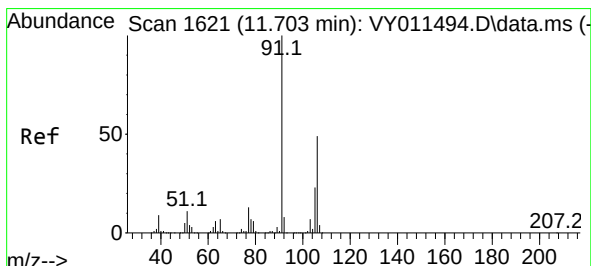
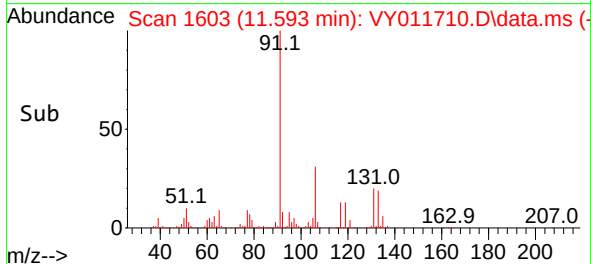
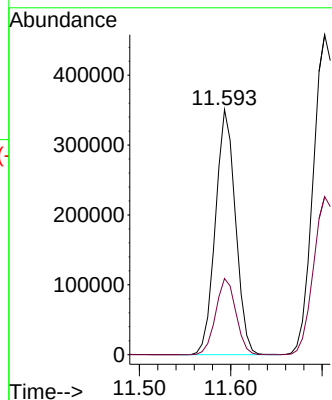
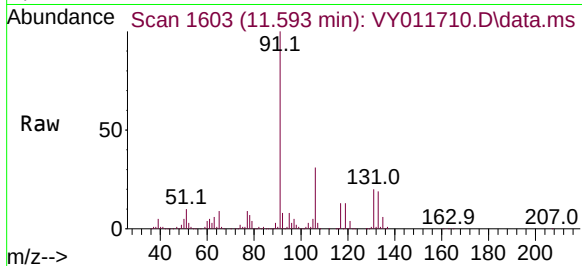




#67
Ethyl Benzene
Concen: 52.884 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

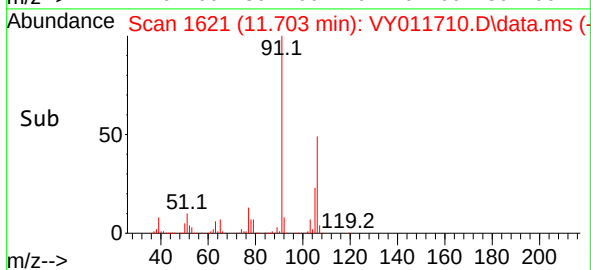
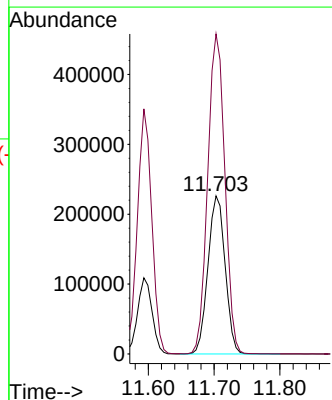
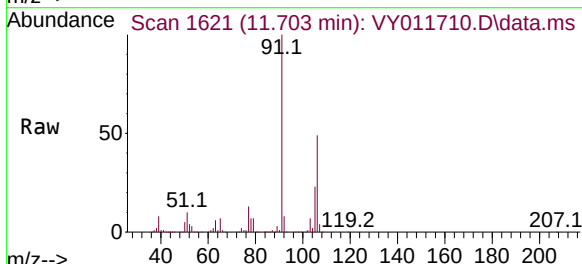
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

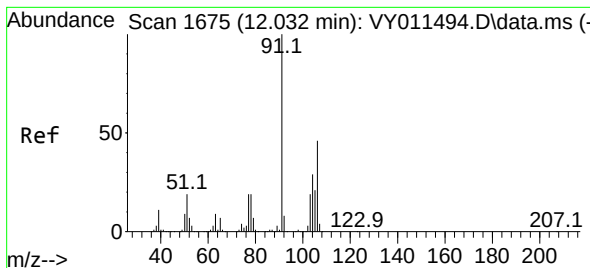
Tgt Ion: 91 Resp: 535205
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 106.677 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 106 Resp: 410969
Ion Ratio Lower Upper
106 100
91 202.1 166.6 249.8

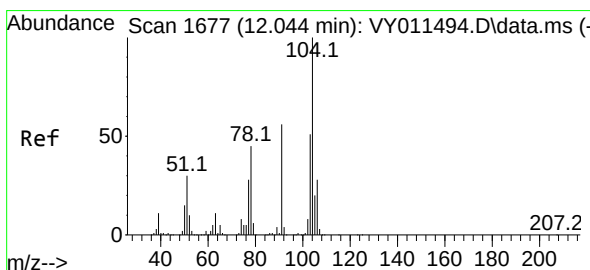
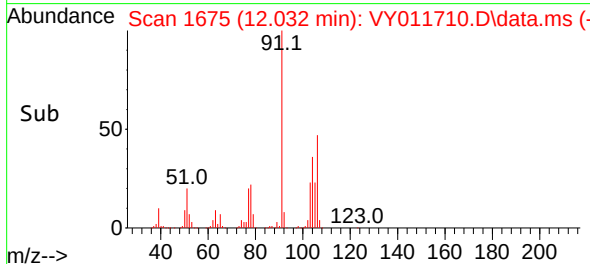
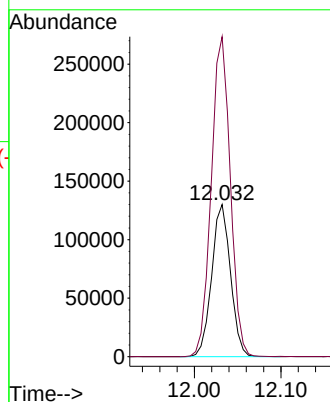
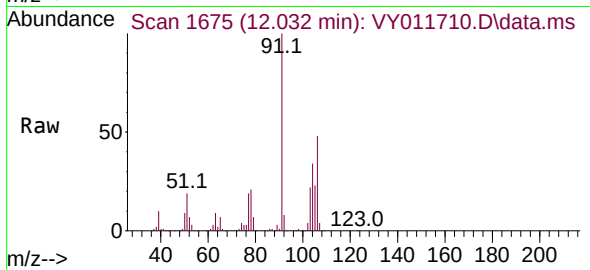




#69
o-Xylene
Concen: 54.651 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

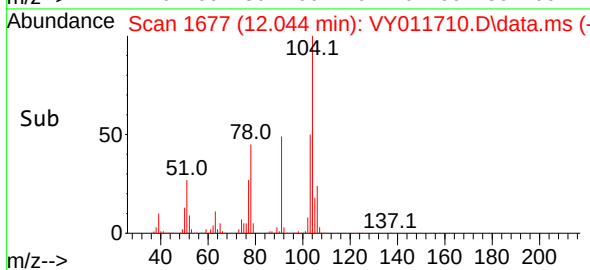
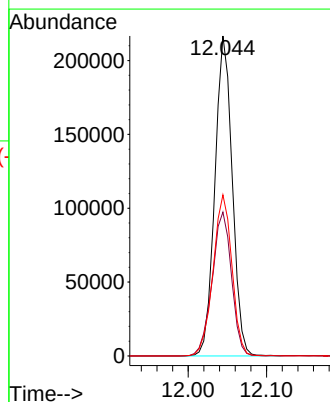
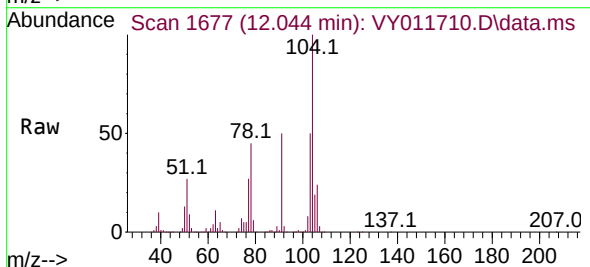
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

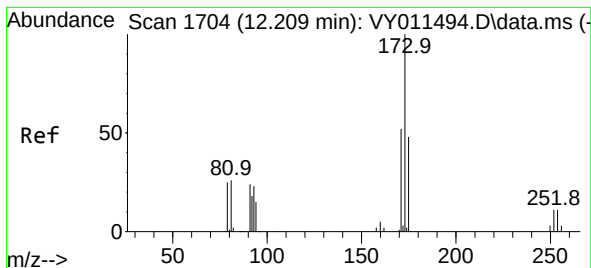
Tgt Ion:106 Resp: 196021
Ion Ratio Lower Upper
106 100
91 213.2 110.3 331.0



#70
Styrene
Concen: 54.588 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion:104 Resp: 334212
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 54.343 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

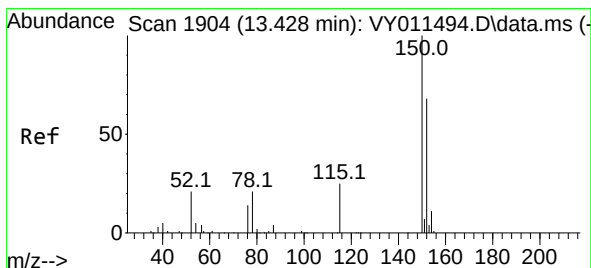
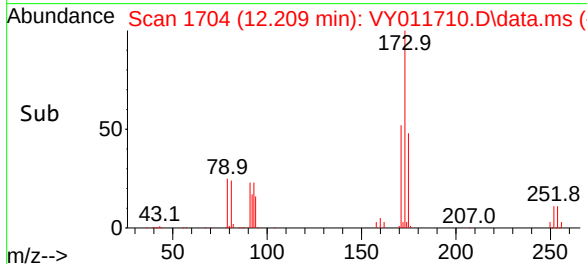
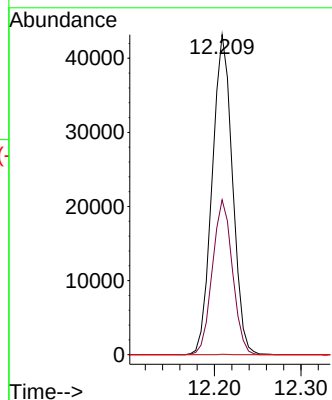
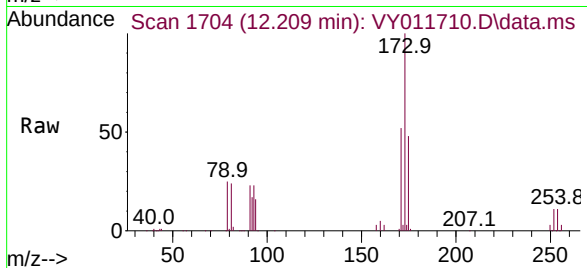
Tgt Ion:173 Resp: 70233

Ion Ratio Lower Upper

173 100

175 47.8 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. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

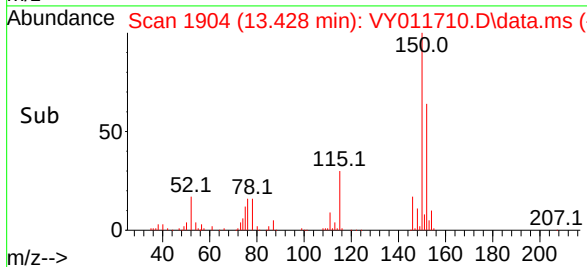
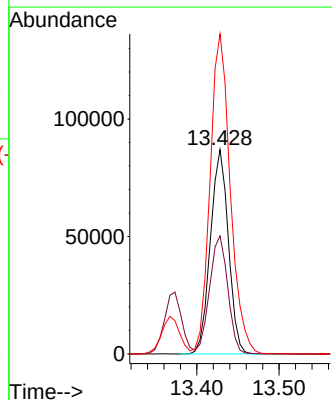
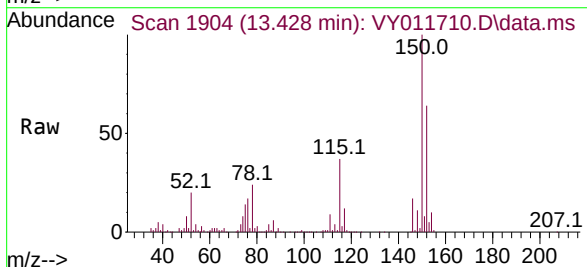
Tgt Ion:152 Resp: 132337

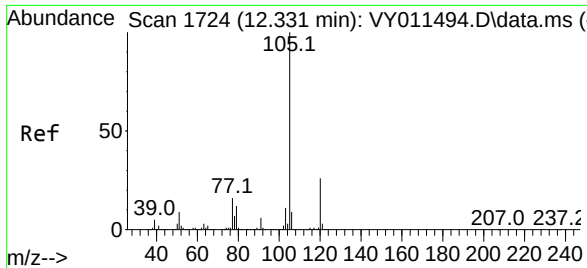
Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 175.7 0.0 347.6

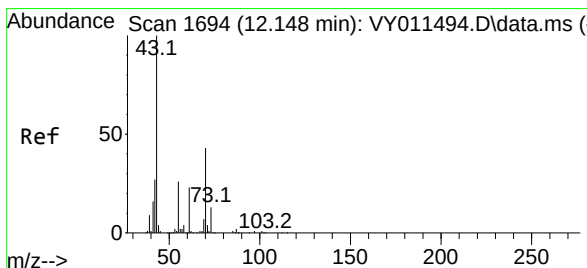
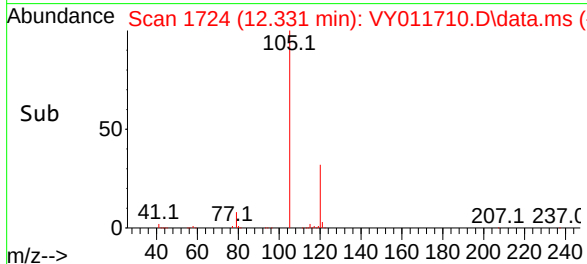
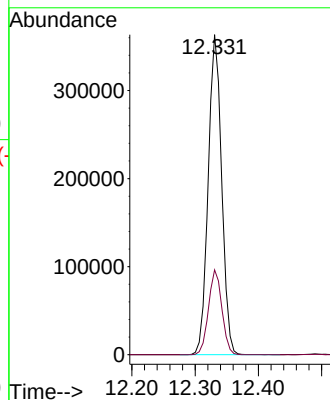
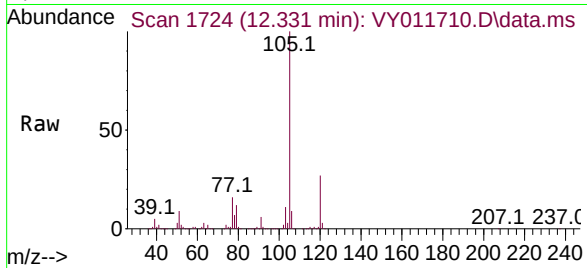




#73
Isopropylbenzene
Concen: 56.208 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

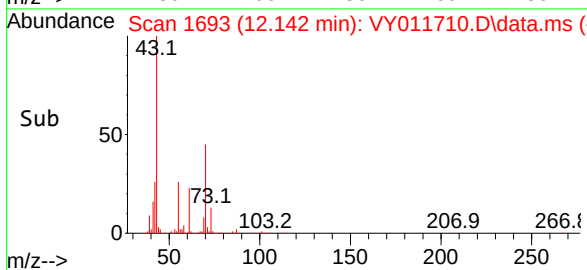
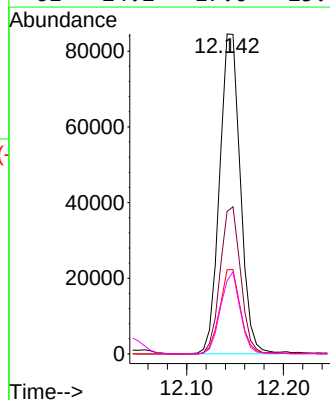
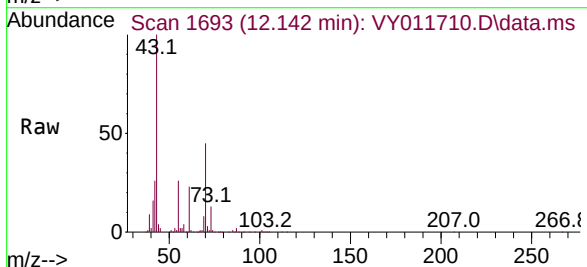
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

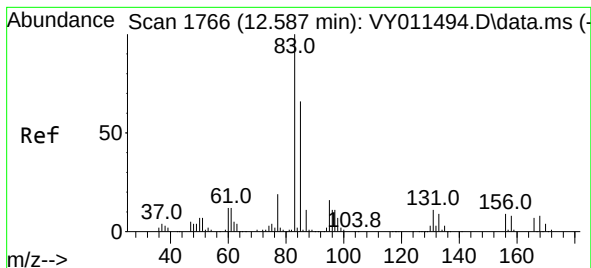
Tgt Ion:105 Resp: 537966
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 53.339 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 43 Resp: 126067
Ion Ratio Lower Upper
43 100
70 45.6 28.7 43.1#
55 26.9 17.3 25.9#
61 24.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.957 ug/l

RT: 12.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

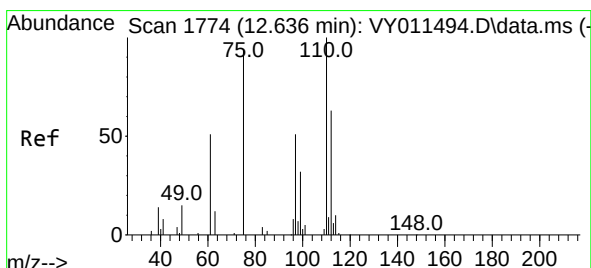
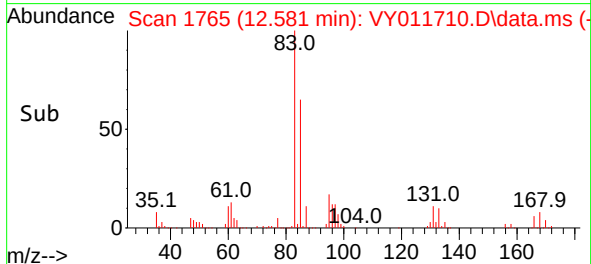
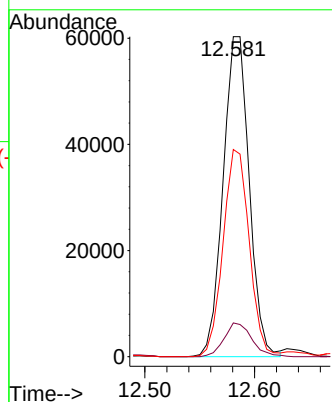
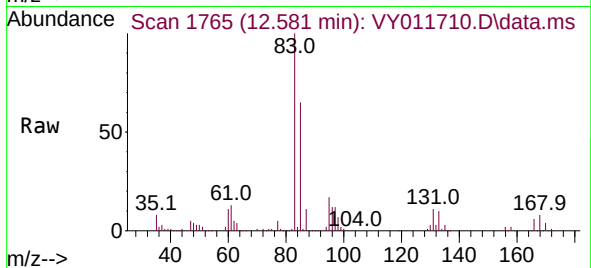
Tgt Ion: 83 Resp: 99875

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 96.365 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY011710.D

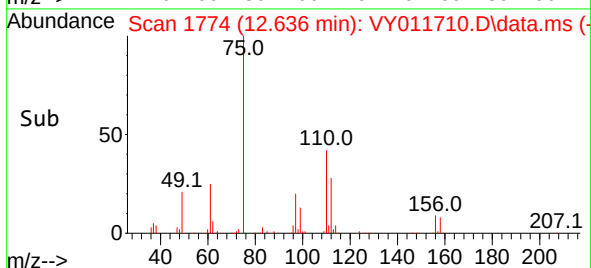
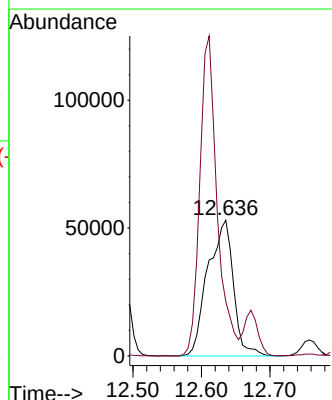
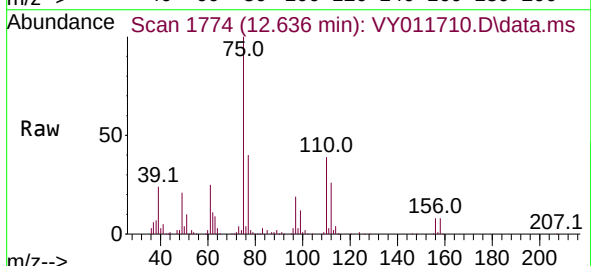
Acq: 06 Dec 2022 10:56

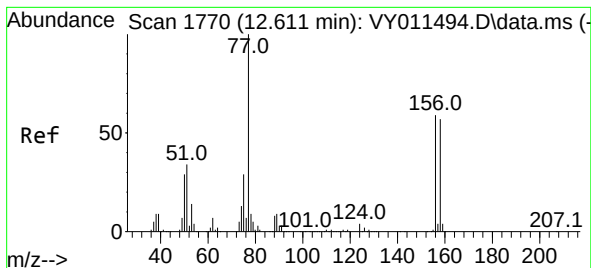
Tgt Ion: 75 Resp: 137338

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.929 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

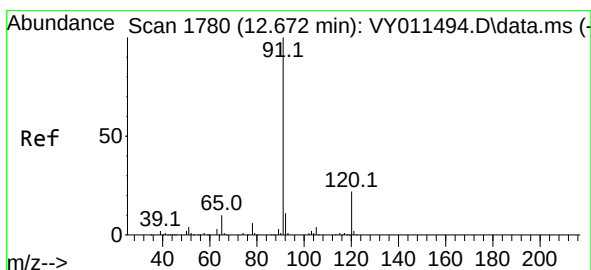
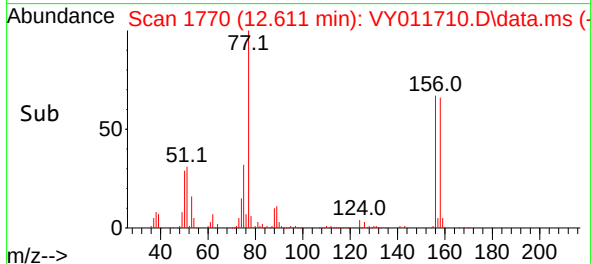
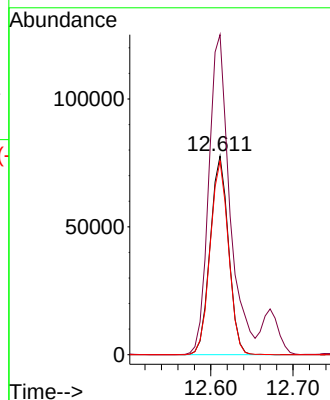
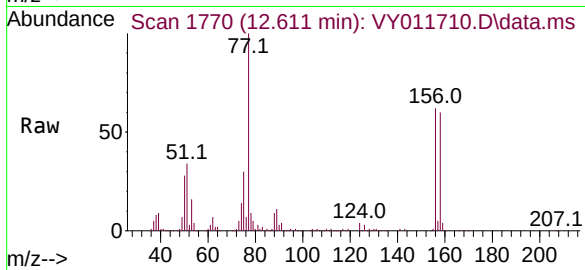
Tgt Ion:156 Resp: 120522

Ion Ratio Lower Upper

156 100

77 184.0 95.5 286.4

158 97.3 48.0 144.0



#78

n-propylbenzene

Concen: 54.899 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011710.D

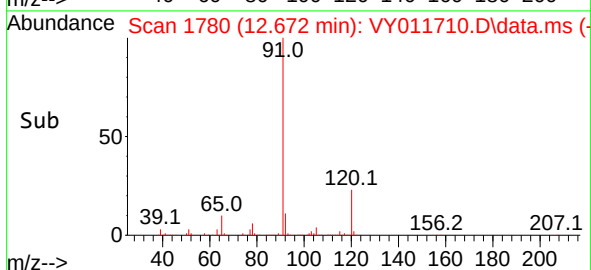
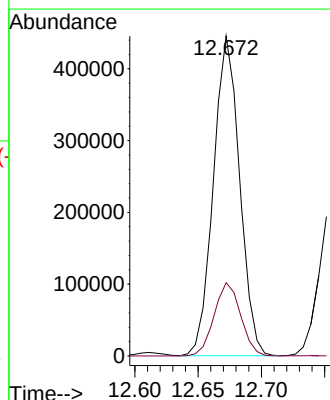
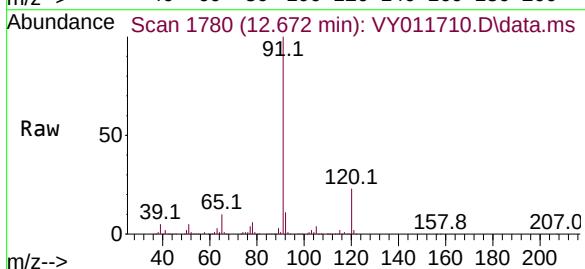
Acq: 06 Dec 2022 10:56

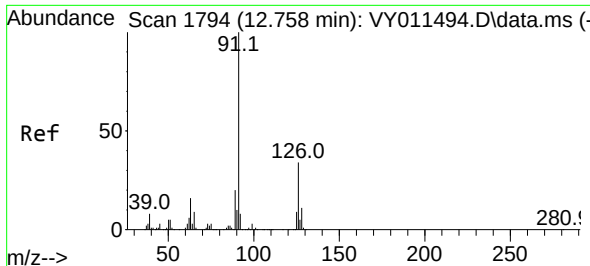
Tgt Ion: 91 Resp: 641023

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

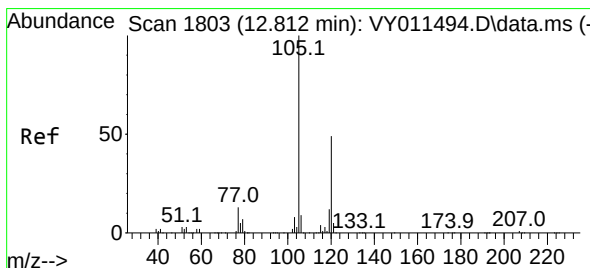
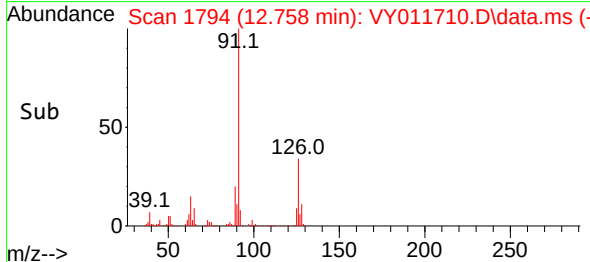
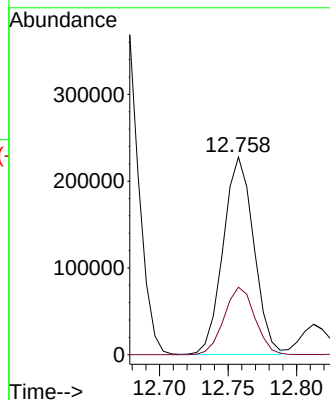
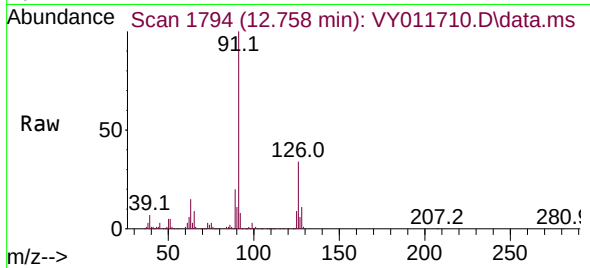




#79
2-Chlorotoluene
Concen: 53.857 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

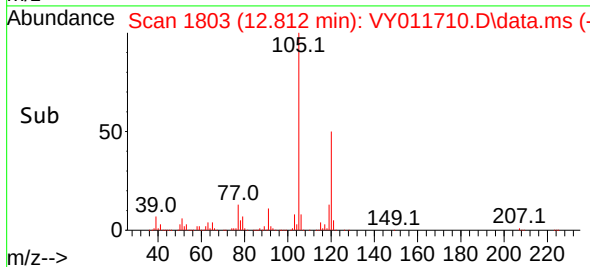
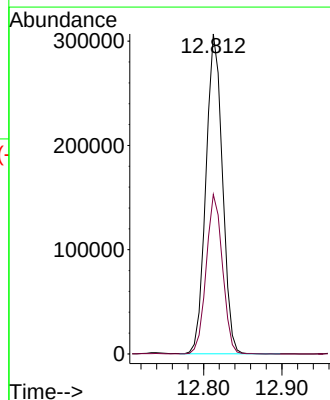
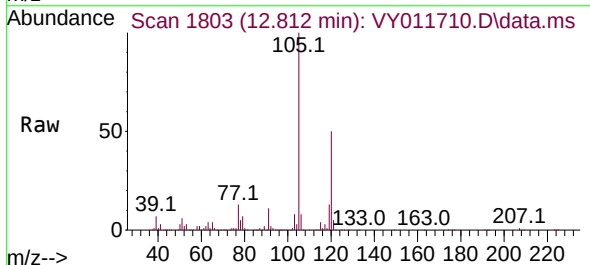
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

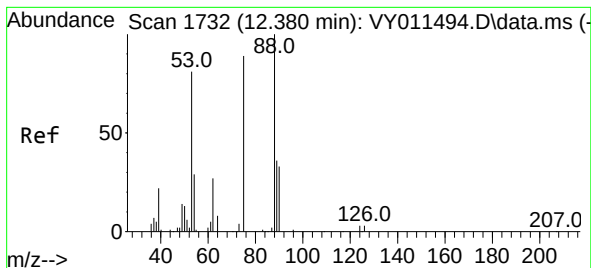
Tgt Ion: 91 Resp: 354444
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.570 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 105 Resp: 448329
Ion Ratio Lower Upper
105 100
120 49.2 24.4 73.4

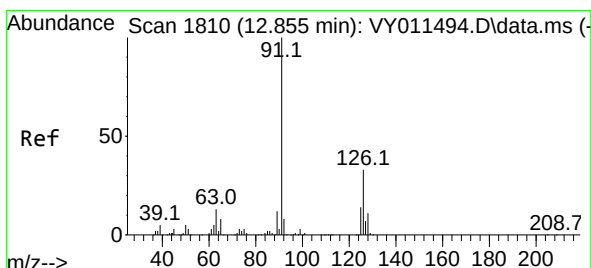
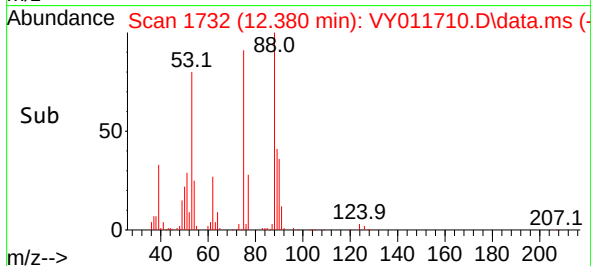
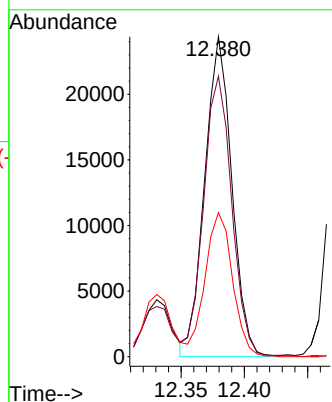
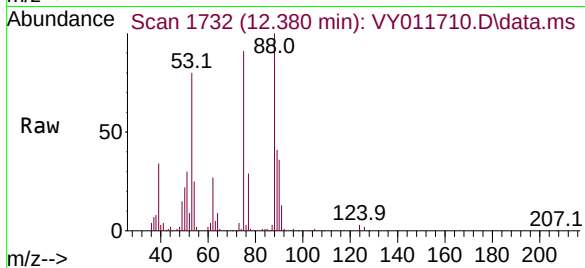




#81
trans-1,4-Dichloro-2-butene
Concen: 56.006 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

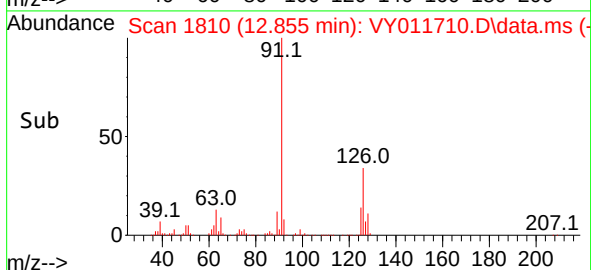
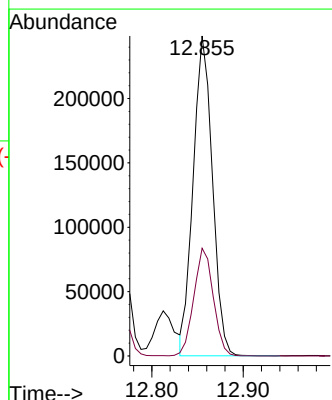
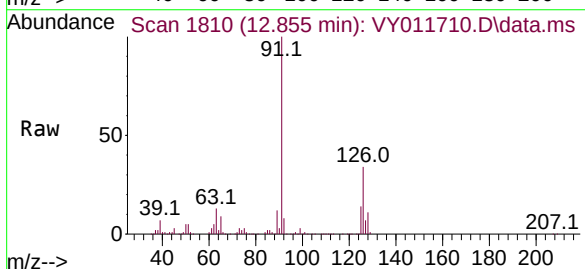
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

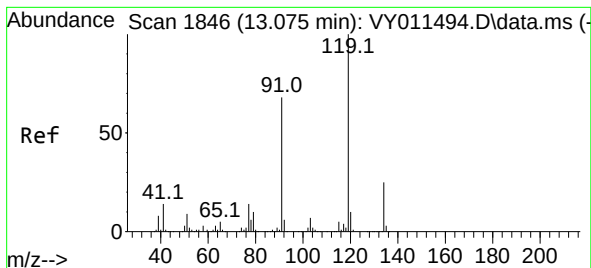
Tgt Ion: 75 Resp: 36441
Ion Ratio Lower Upper
75 100
53 91.4 85.3 127.9
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.790 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 91 Resp: 363278
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 57.174 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

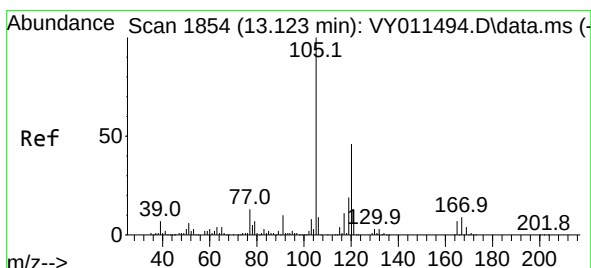
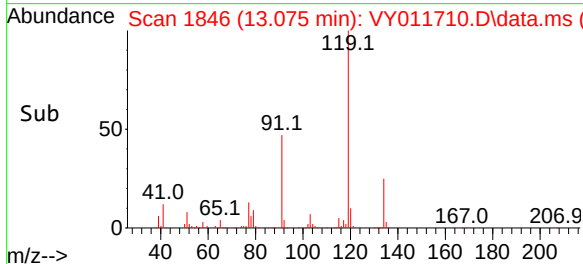
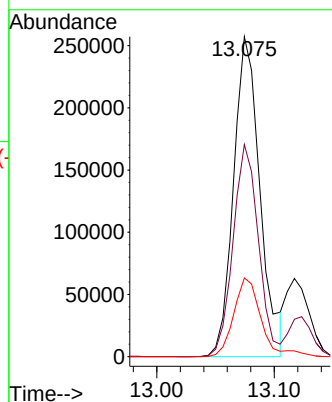
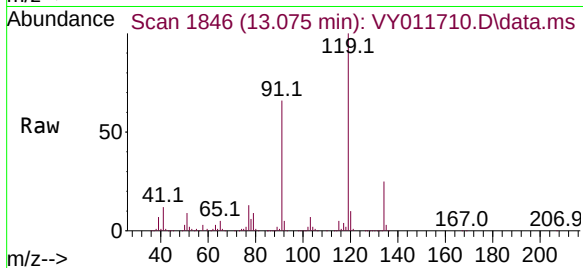
Tgt Ion:119 Resp: 401779

Ion Ratio Lower Upper

119 100

91 63.9 34.8 104.4

134 25.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.286 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY011710.D

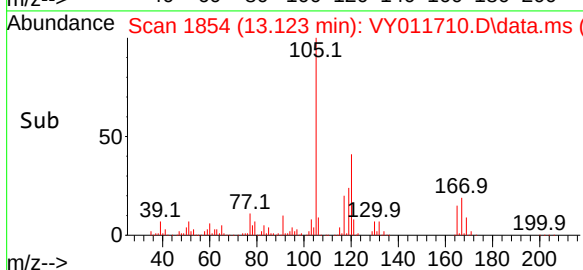
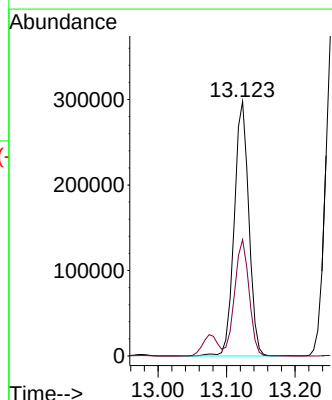
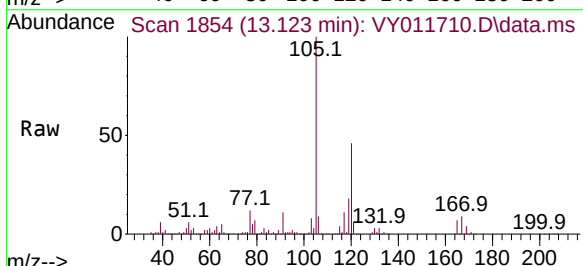
Acq: 06 Dec 2022 10:56

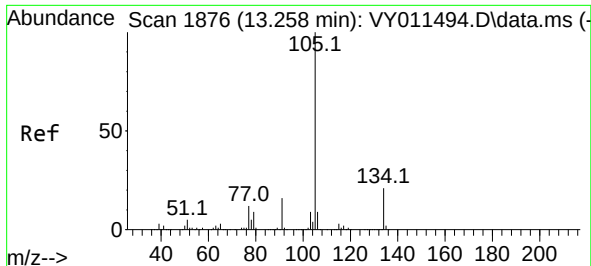
Tgt Ion:105 Resp: 440538

Ion Ratio Lower Upper

105 100

120 45.4 22.3 66.9

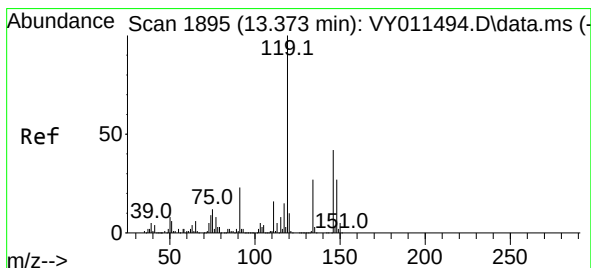
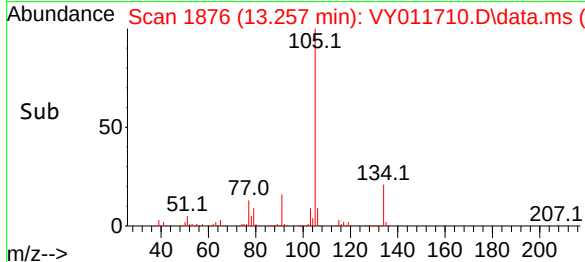
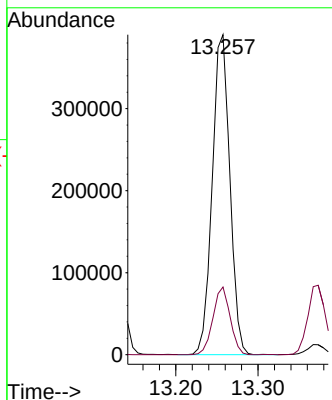
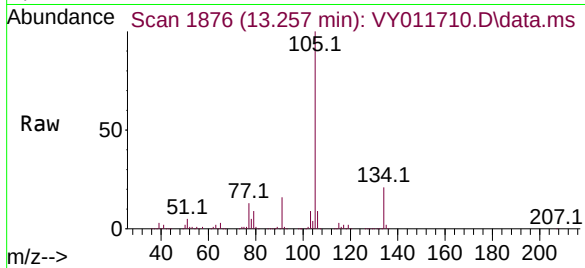




#85
 sec-Butylbenzene
 Concen: 55.328 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.001 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

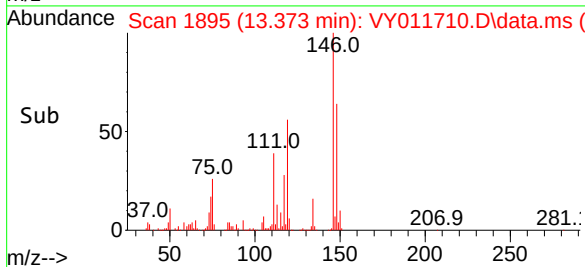
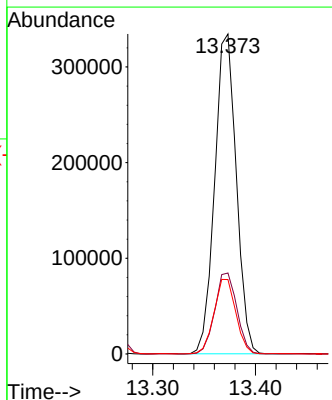
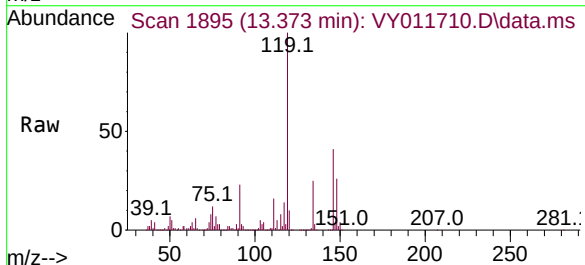
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

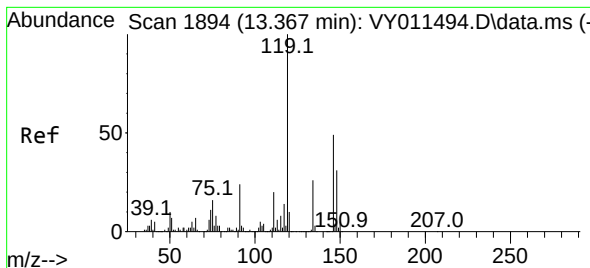
Tgt Ion:105 Resp: 580118
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 55.695 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

Tgt Ion:119 Resp: 487364
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.058 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

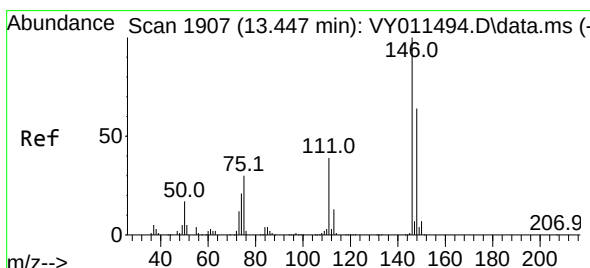
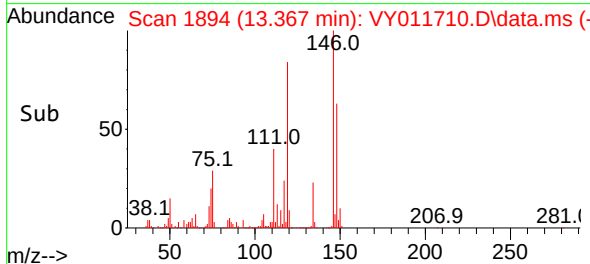
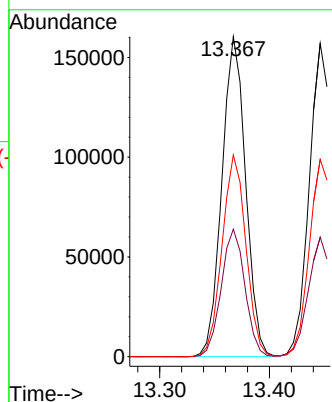
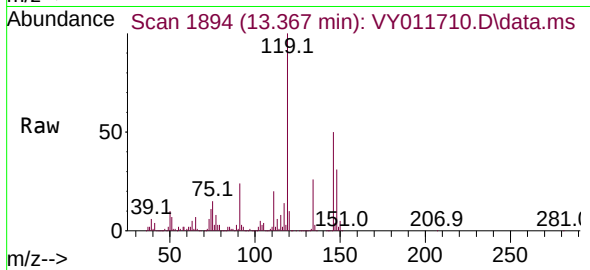
Tgt Ion:146 Resp: 241376

Ion Ratio Lower Upper

146 100

111 39.8 19.5 58.5

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 52.066 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

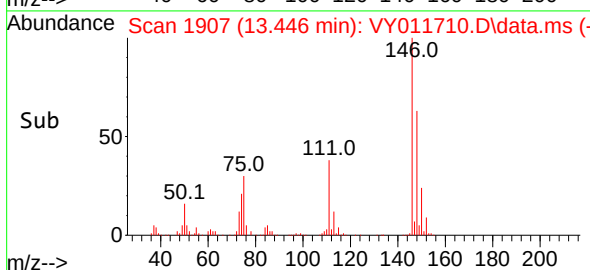
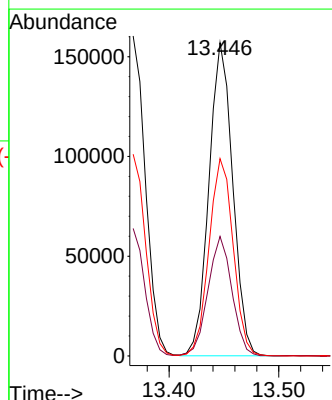
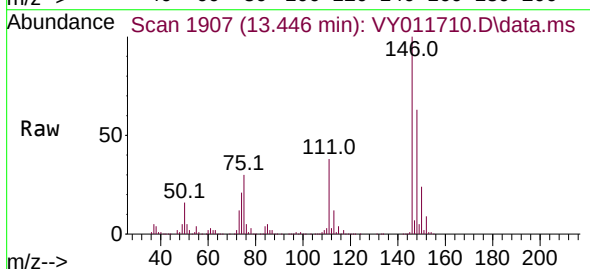
Tgt Ion:146 Resp: 236847

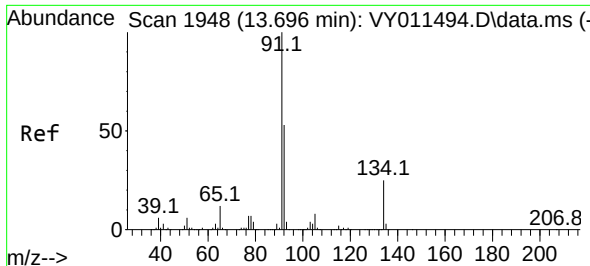
Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.8

148 64.0 32.6 97.8

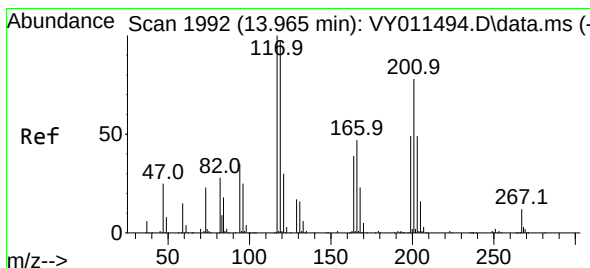
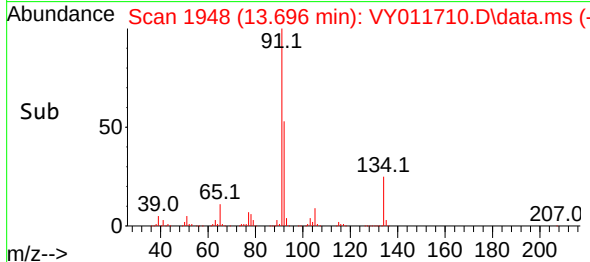
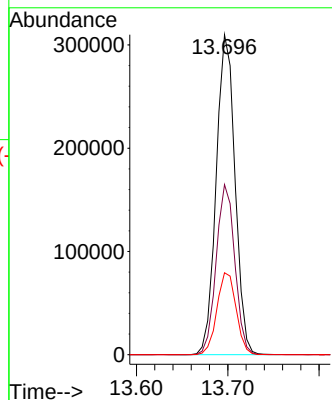
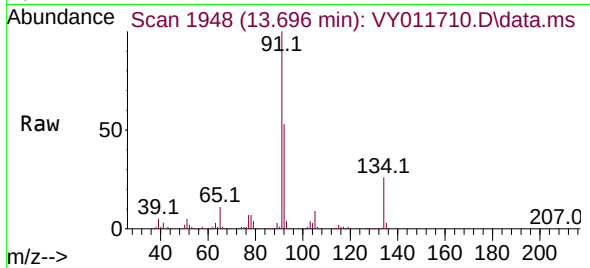




#89
n-Butylbenzene
Concen: 55.185 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

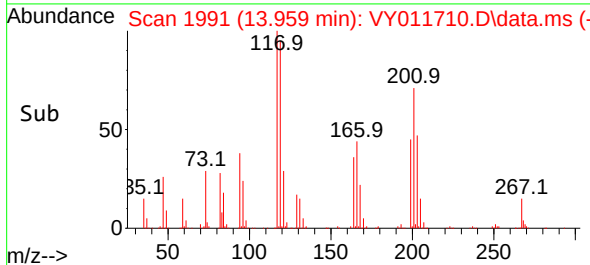
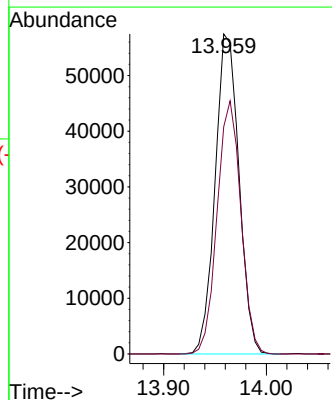
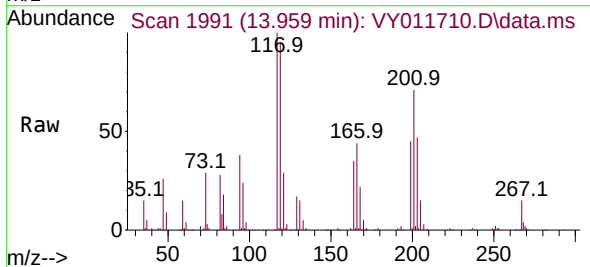
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

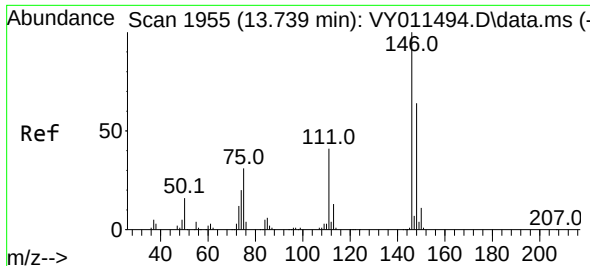
Tgt Ion: 91 Resp: 443916
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 52.337 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY011710.D
Acq: 06 Dec 2022 10:56

Tgt Ion: 117 Resp: 92484
Ion Ratio Lower Upper
117 100
201 78.9 43.0 128.8

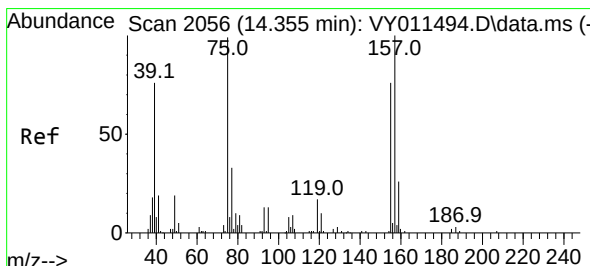
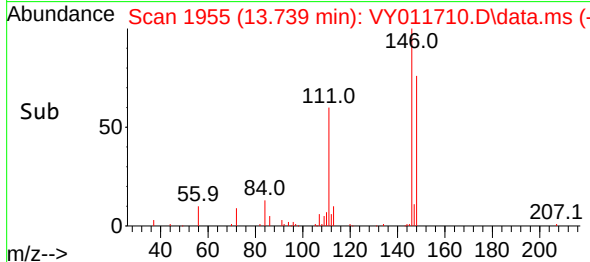
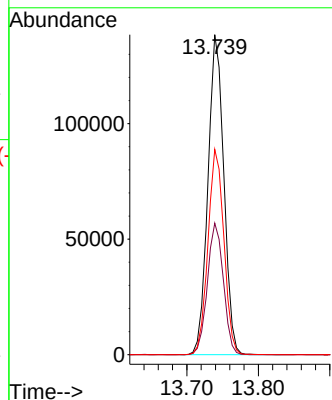
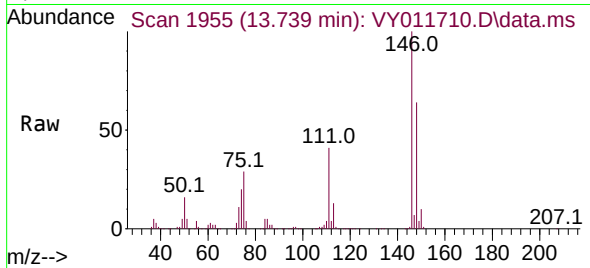




#91
 1,2-Dichlorobenzene
 Concen: 52.975 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

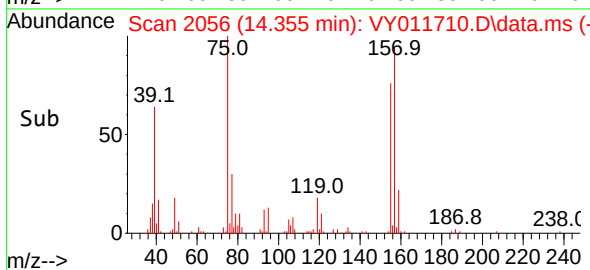
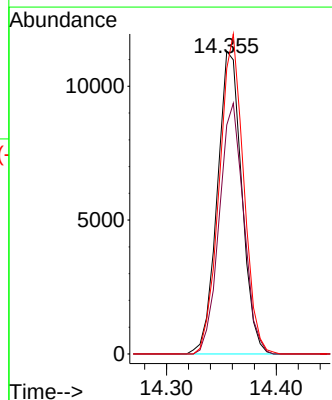
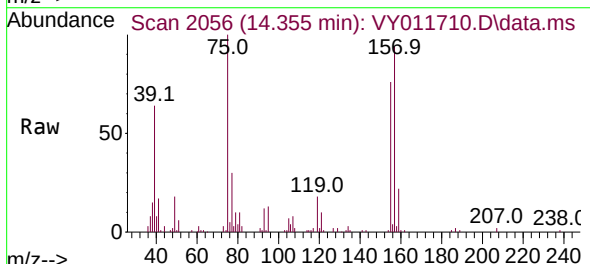
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 ClientSampleId :
 VSTDCCC050

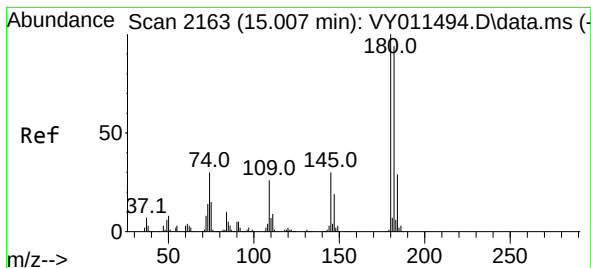
Tgt Ion:146 Resp: 213630
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 60.9
 148 64.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.706 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY011710.D
 Acq: 06 Dec 2022 10:56

Tgt Ion: 75 Resp: 17539
 Ion Ratio Lower Upper
 75 100
 155 82.3 38.0 113.9
 157 104.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 55.485 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

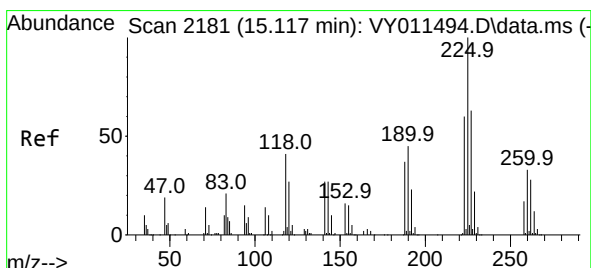
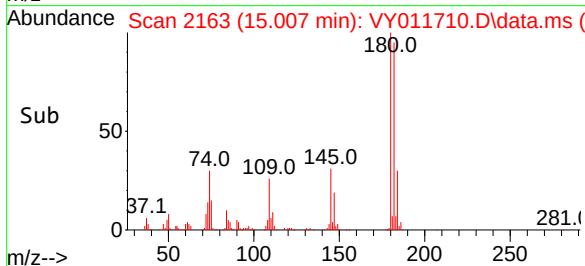
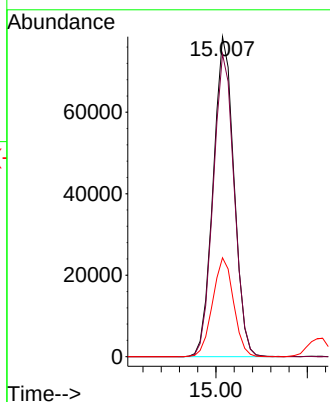
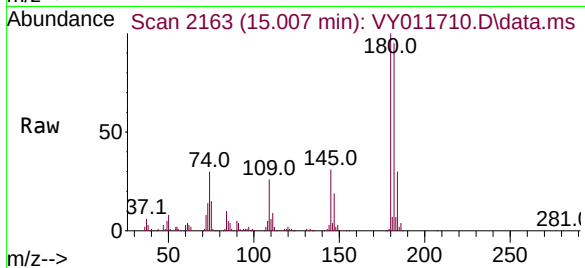
Tgt Ion:180 Resp: 124108

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 31.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 55.616 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

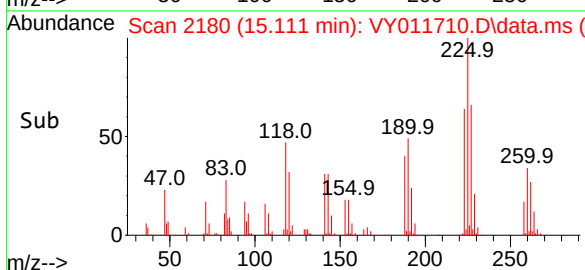
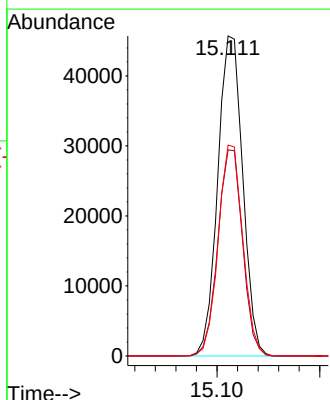
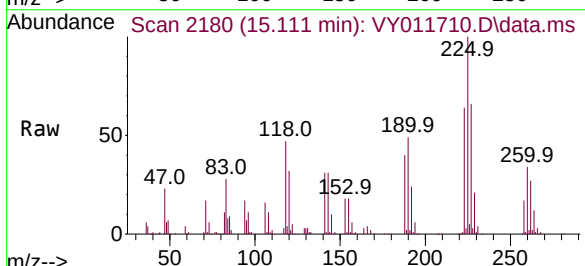
Tgt Ion:225 Resp: 77328

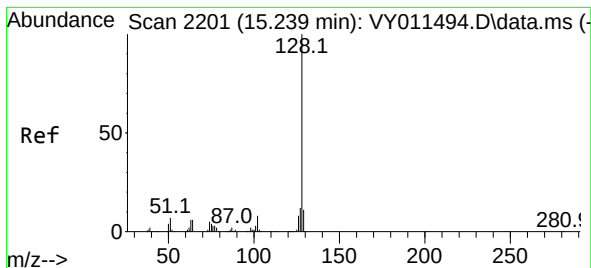
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 64.5 31.6 94.7





#95

Naphthalene

Concen: 53.541 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

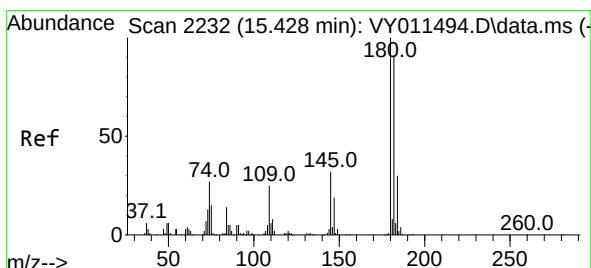
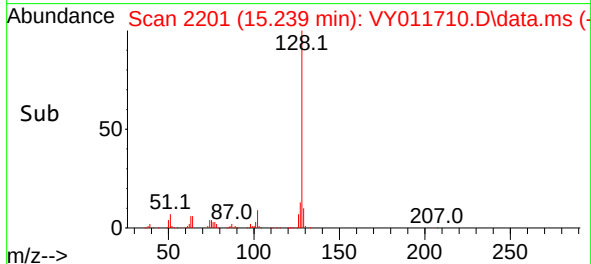
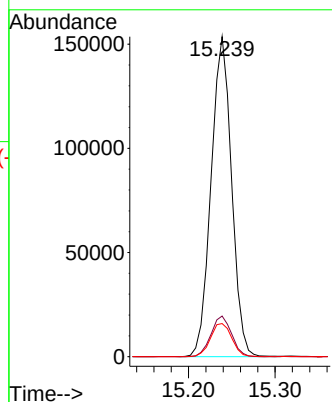
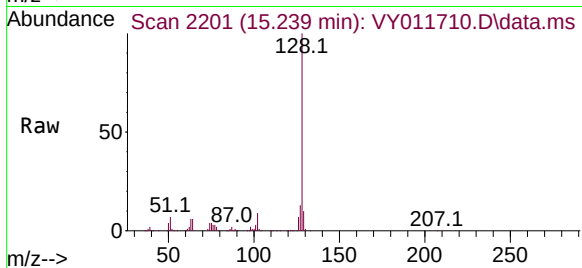
Tgt Ion:128 Resp: 252513

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.481 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY011710.D

Acq: 06 Dec 2022 10:56

Tgt Ion:180 Resp: 108269

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.2 15.3 45.9

