

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008806.D
 Acq On : 18 May 2022 11:11
 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: May 19 03:08:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87258	56.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.260%
35) Dibromofluoromethane	7.716	113	83891	52.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.179	98	363469	51.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.483	95	138770	54.641	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	52556	50.476	ug/l	97
3) Chloromethane	2.113	50	81034	54.399	ug/l	96
4) Vinyl Chloride	2.253	62	120076	53.376	ug/l	99
5) Bromomethane	2.644	94	104106	53.350	ug/l	98
6) Chloroethane	2.790	64	89764	52.034	ug/l	97
7) Trichlorofluoromethane	3.125	101	120238	53.971	ug/l	93
8) Diethyl Ether	3.528	74	38958	52.468	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.900	101	75353	55.038	ug/l	95
10) Methyl Iodide	4.089	142	89636	51.629	ug/l	93
11) Tert butyl alcohol	4.954	59	35190	204.807	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	66939	47.075	ug/l	90
13) Acrolein	3.735	56	12907	151.849	ug/l	97
14) Allyl chloride	4.479	41	105116	50.256	ug/l #	88
15) Acrylonitrile	5.162	53	109815	218.101	ug/l	99
16) Acetone	3.942	43	79660	227.240	ug/l	93
17) Carbon Disulfide	4.192	76	185548	50.942	ug/l	98
18) Methyl Acetate	4.473	43	49317	44.112	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	216369	56.497	ug/l	95
20) Methylene Chloride	4.710	84	83280	52.274	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	85316	48.933	ug/l	86
22) Diisopropyl ether	6.119	45	265620	59.965	ug/l #	93
23) Vinyl Acetate	6.058	43	880133	281.806	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	154837	52.680	ug/l	98
25) 2-Butanone	6.984	43	146830	225.053	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	150183	53.760	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	101388	52.429	ug/l	89
28) Bromochloromethane	7.332	49	55886	50.153	ug/l #	86
29) Tetrahydrofuran	7.344	42	99186	228.215	ug/l #	84
30) Chloroform	7.503	83	170670	54.159	ug/l	99
31) Cyclohexane	7.783	56	137434	56.357	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	155337	53.166	ug/l	98
36) 1,1-Dichloropropene	7.917	75	127870	50.183	ug/l	97
37) Ethyl Acetate	7.070	43	67933	44.739	ug/l	97
38) Carbon Tetrachloride	7.899	117	138766	50.816	ug/l	96
39) Methylcyclohexane	9.185	83	163539	54.120	ug/l	88
40) Benzene	8.161	78	374556	52.534	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	95249	119.279	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	112853	53.923	ug/l	94
43) Isopropyl Acetate	8.271	43	135938	53.778	ug/l #	92
44) Trichloroethene	8.935	130	102133	52.661	ug/l	98
45) 1,2-Dichloropropane	9.216	63	96757	57.102	ug/l	95
46) Dibromomethane	9.307	93	58810	52.819	ug/l	94
47) Bromodichloromethane	9.496	83	138673	56.181	ug/l	99
48) Methyl methacrylate	9.289	41	62183	56.025	ug/l #	87
49) 1,4-Dioxane	9.301	88	15798	944.624	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	385605	258.405	ug/l	90
52) Toluene	10.246	92	284647	58.754	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	153790	59.984	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	158667	57.390	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	87876	58.039	ug/l	99
56) Ethyl methacrylate	10.508	69	115426	62.835	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	140342	56.371	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	257718	275.123	ug/l	94
59) 2-Hexanone	10.831	43	274462	257.415	ug/l	88
60) Dibromochloromethane	10.984	129	107815	59.316	ug/l	98
61) 1,2-Dibromoethane	11.087	107	84773	56.144	ug/l	99
64) Tetrachloroethene	10.721	164	88923	50.181	ug/l	98
65) Chlorobenzene	11.520	112	301248	53.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	118598	57.941	ug/l	98
67) Ethyl Benzene	11.593	91	566037	56.572	ug/l	97
68) m/p-Xylenes	11.703	106	479666	120.336	ug/l	90
69) o-Xylene	12.032	106	220284	59.810	ug/l	92
70) Styrene	12.044	104	394826	63.327	ug/l	94
71) Bromoform	12.209	173	77895	56.059	ug/l #	99
73) Isopropylbenzene	12.331	105	615316	50.720	ug/l	99
74) N-amyl acetate	12.142	43	146358	50.543	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	122029	45.246	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	155470	76.088	ug/l #	100
77) Bromobenzene	12.611	156	138162	49.150	ug/l	94
78) n-propylbenzene	12.672	91	760129	51.003	ug/l	99
79) 2-Chlorotoluene	12.758	91	416437	51.588	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	533008	54.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43517	46.584	ug/l	86
82) 4-Chlorotoluene	12.855	91	462552	54.240	ug/l	98
83) tert-Butylbenzene	13.075	119	468852	53.225	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	540612	55.752	ug/l	97
85) sec-Butylbenzene	13.258	105	747725	54.406	ug/l	100
86) p-Isopropyltoluene	13.373	119	632068	56.403	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	315952	53.493	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	313413	53.646	ug/l	98
89) n-Butylbenzene	13.697	91	575168	54.072	ug/l	99
90) Hexachloroethane	13.965	117	110502	52.154	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	279082	54.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18798	40.764	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	149989	53.177	ug/l	99
94) Hexachlorobutadiene	15.111	225	80412	49.544	ug/l	98
95) Naphthalene	15.239	128	313807	49.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	131216	52.957	ug/l	99

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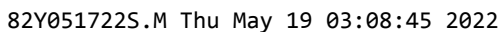
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

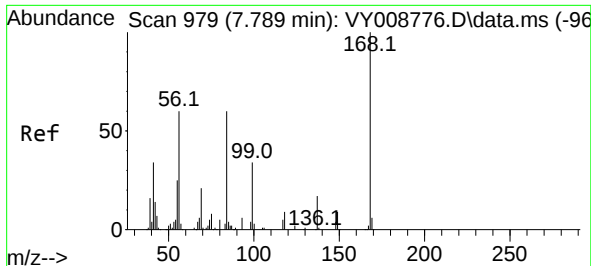
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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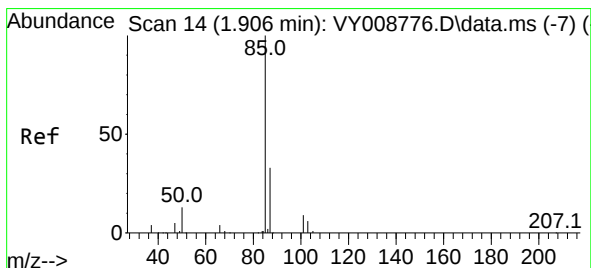
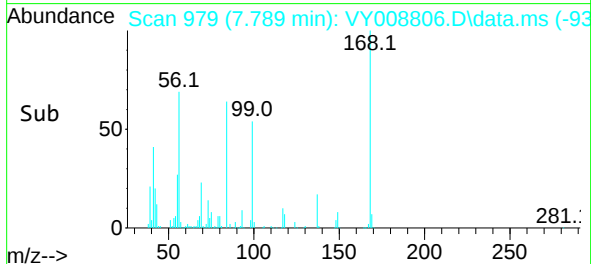
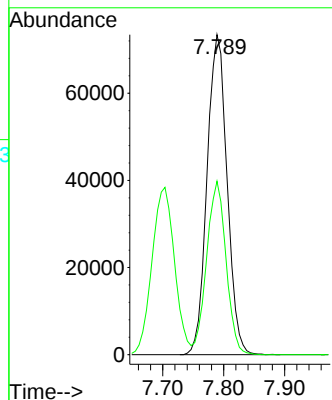
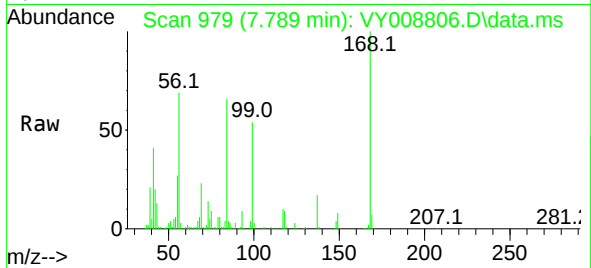




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008806.D
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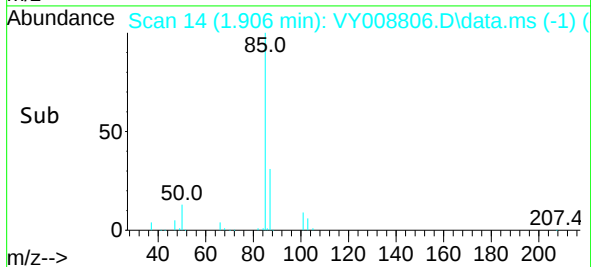
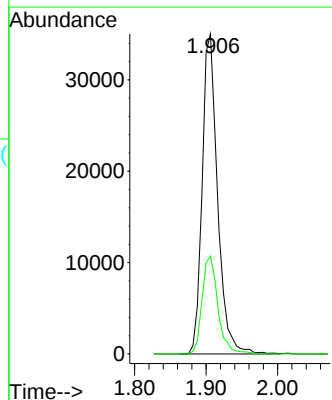
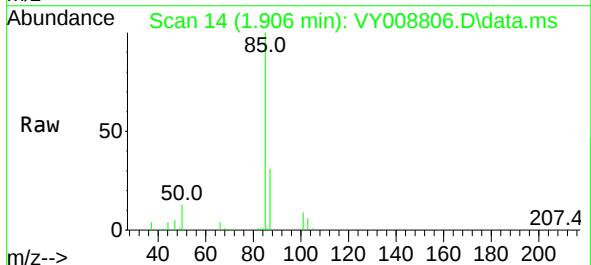
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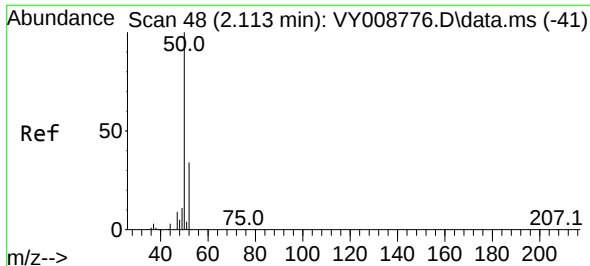
Tgt Ion:168 Resp: 167580
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 50.476 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 85 Resp: 52556
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.2

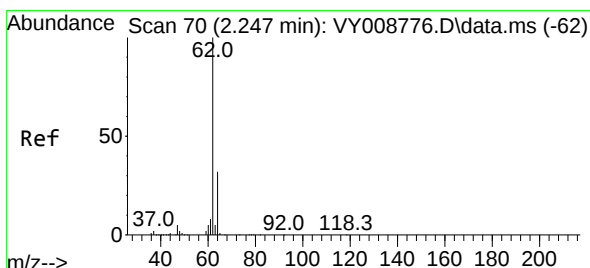
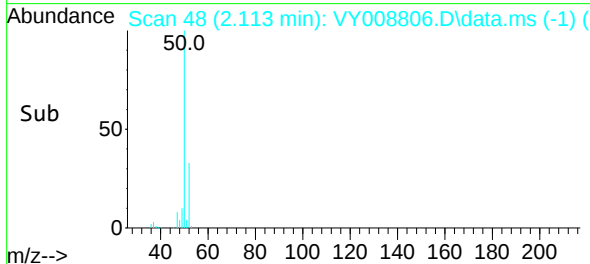
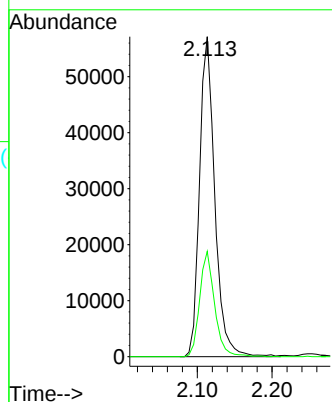
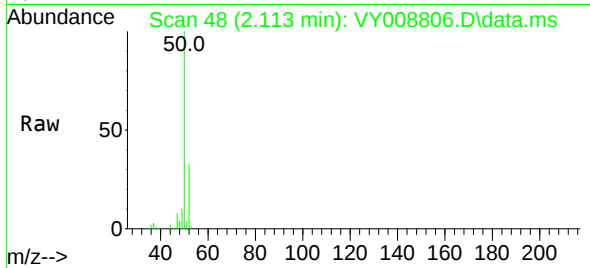




#3
Chloromethane
Concen: 54.399 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

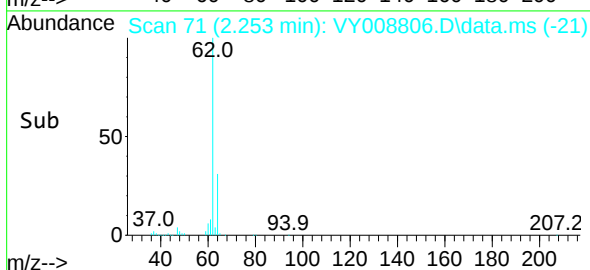
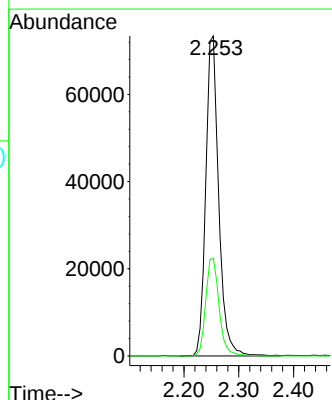
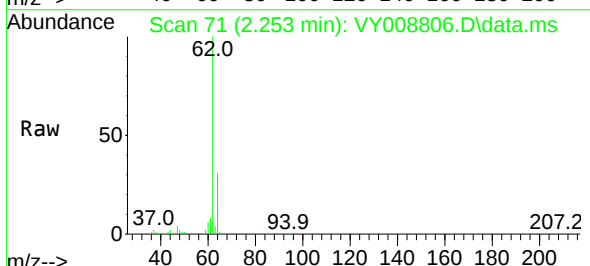
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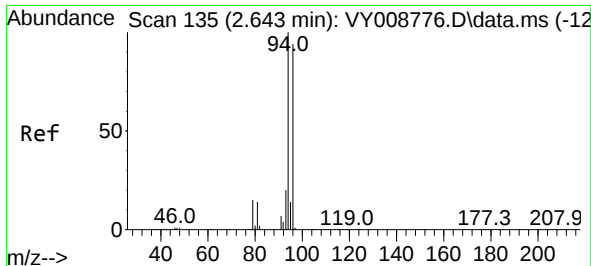
Tgt Ion: 50 Resp: 81034
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 53.376 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 62 Resp: 120076
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.6

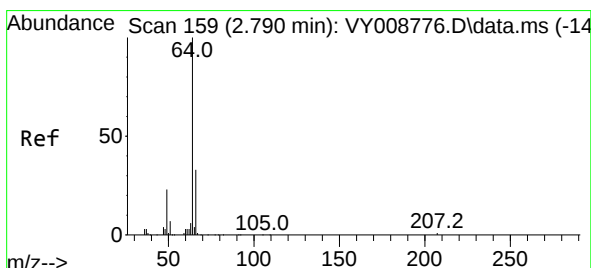
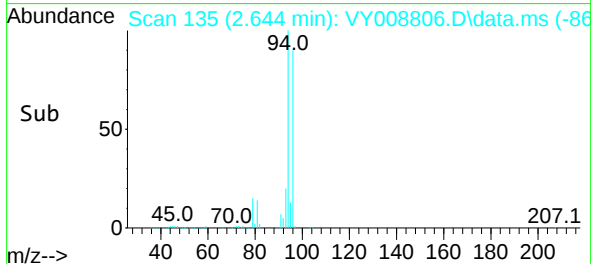
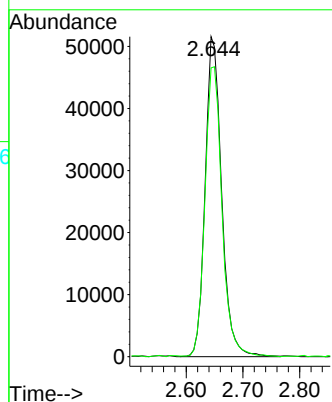
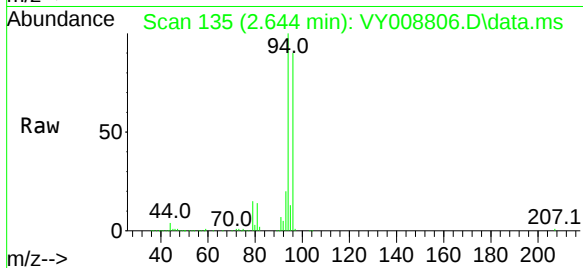




#5
Bromomethane
Concen: 53.350 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

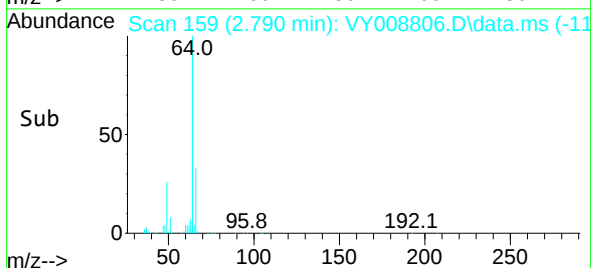
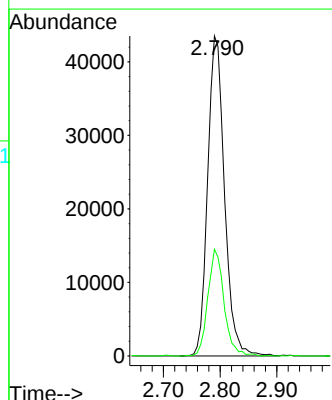
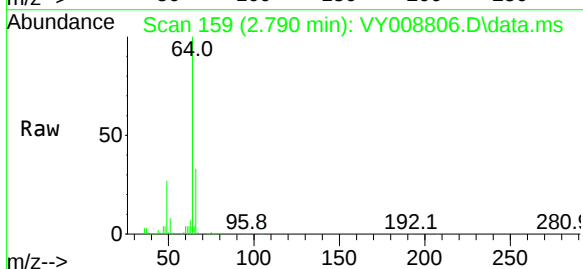
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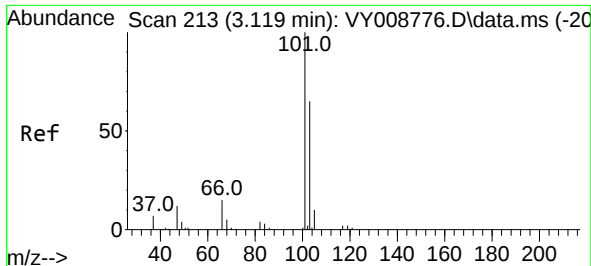
Tgt Ion: 94 Resp: 104106
Ion Ratio Lower Upper
94 100
96 90.2 73.5 110.3



#6
Chloroethane
Concen: 52.034 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008806.D
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Tgt Ion: 64 Resp: 89764
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0

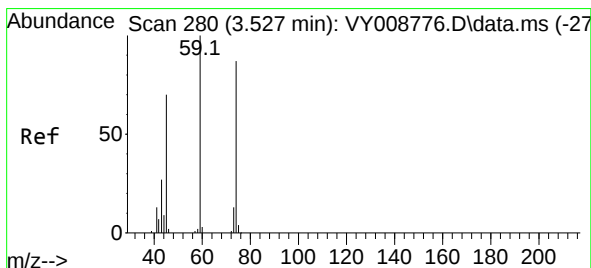
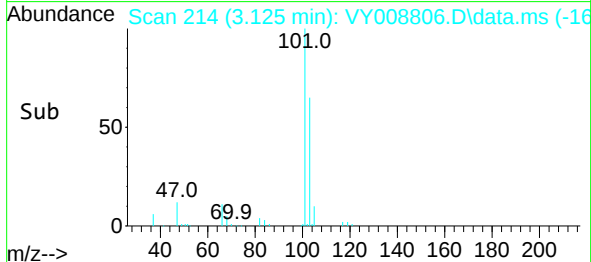
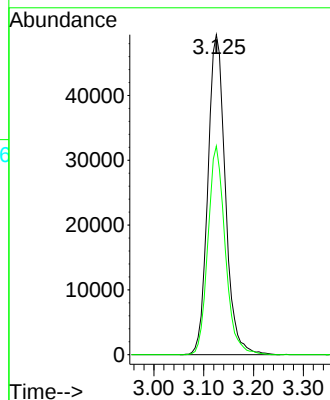
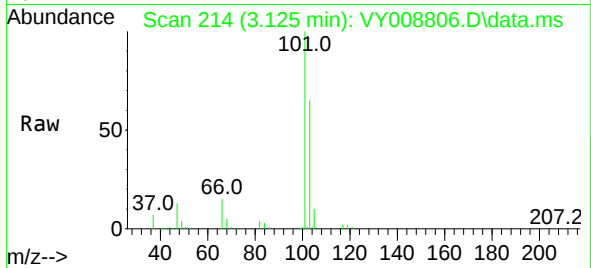




#7
Trichlorofluoromethane
Concen: 53.971 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

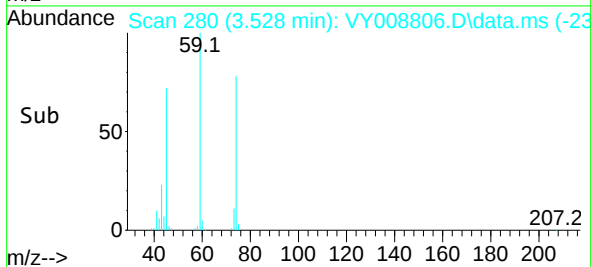
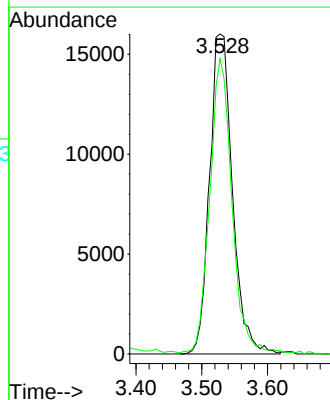
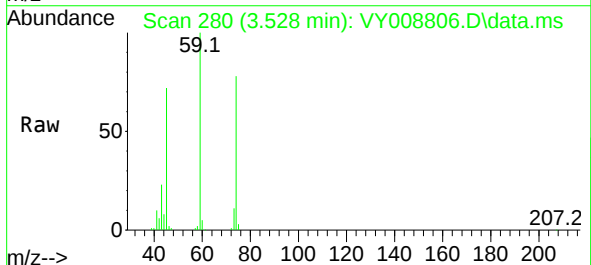
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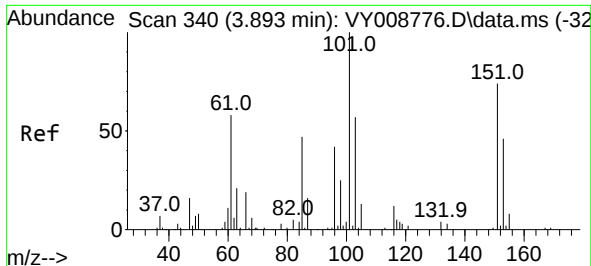
Tgt Ion:101 Resp: 120238
Ion Ratio Lower Upper
101 100
103 65.2 48.0 72.0



#8
Diethyl Ether
Concen: 52.468 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008806.D
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Tgt Ion: 74 Resp: 38958
Ion Ratio Lower Upper
74 100
45 88.5 55.1 165.5

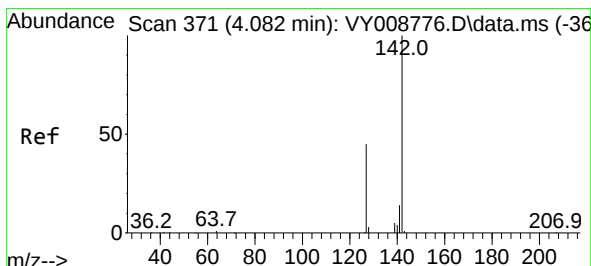
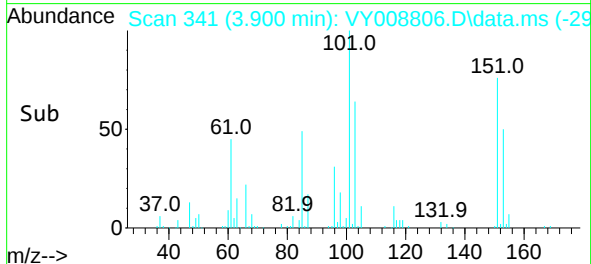
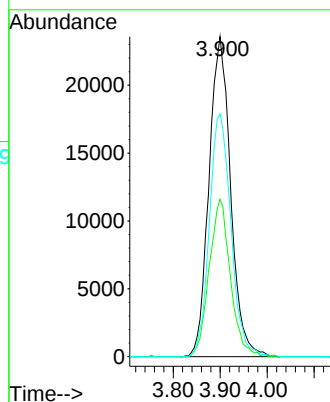
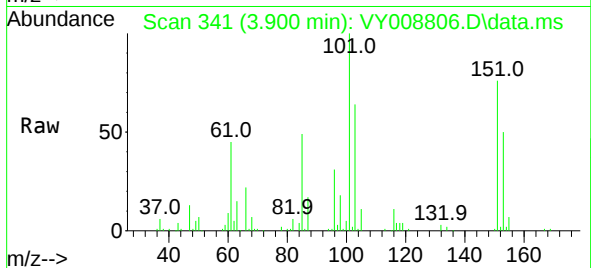




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.038 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

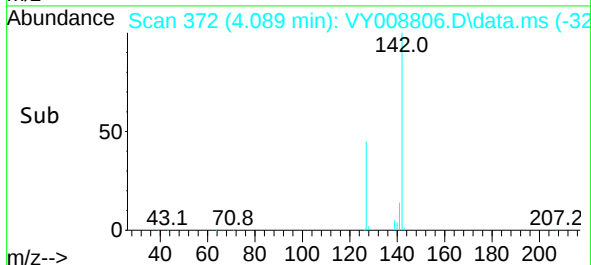
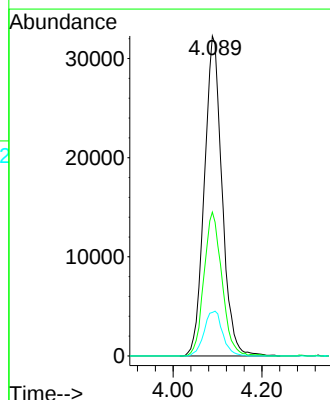
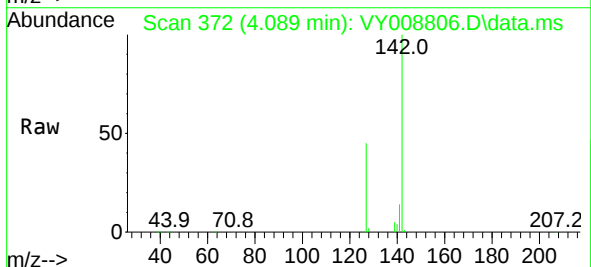
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

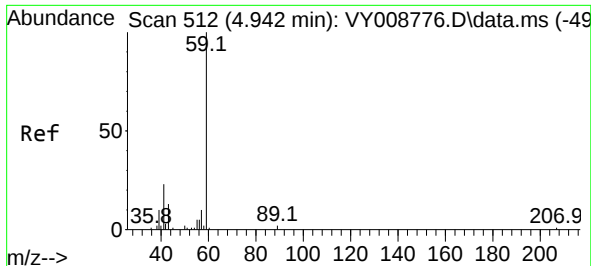
Tgt Ion:101 Resp: 75353
Ion Ratio Lower Upper
101 100
85 48.1 40.6 60.8
151 76.0 64.9 97.3



#10
Methyl Iodide
Concen: 51.629 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:142 Resp: 89636
Ion Ratio Lower Upper
142 100
127 45.6 41.5 62.3
141 14.6 11.9 17.9

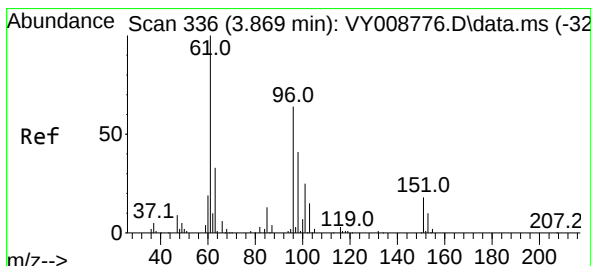
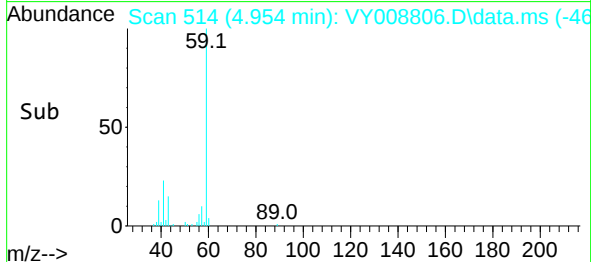
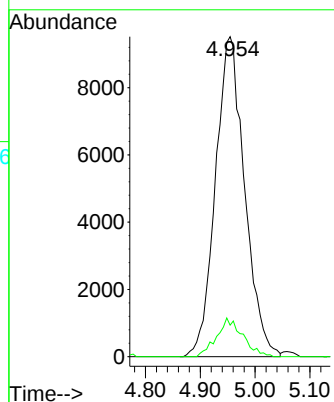
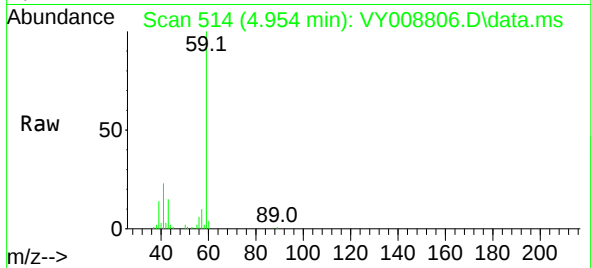




#11
Tert butyl alcohol
Concen: 204.807 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

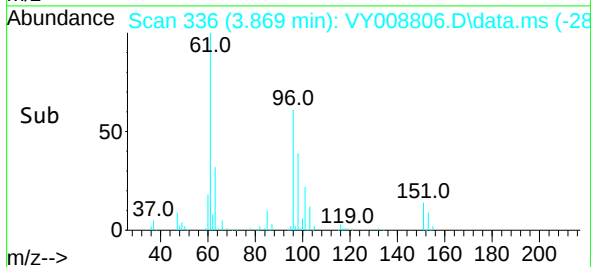
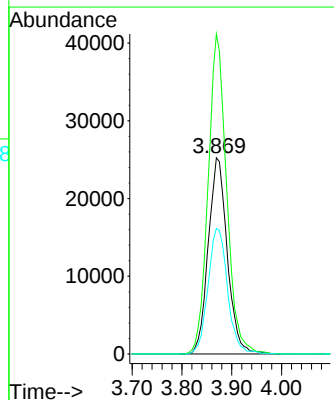
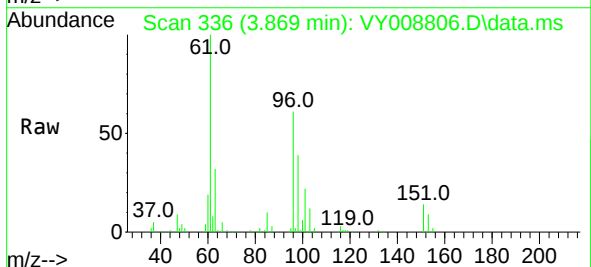
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

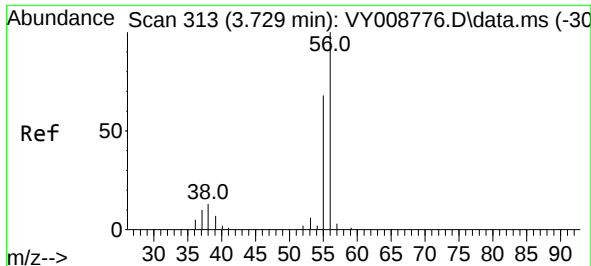
Tgt Ion: 59 Resp: 35190
Ion Ratio Lower Upper
59 100
57 10.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.075 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 96 Resp: 66939
Ion Ratio Lower Upper
96 100
61 163.2 145.8 218.6
98 64.0 52.5 78.7





#13

Acrolein

Concen: 151.849 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

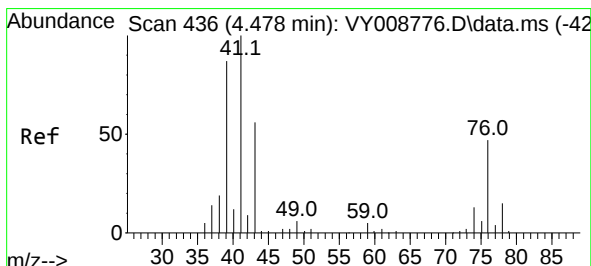
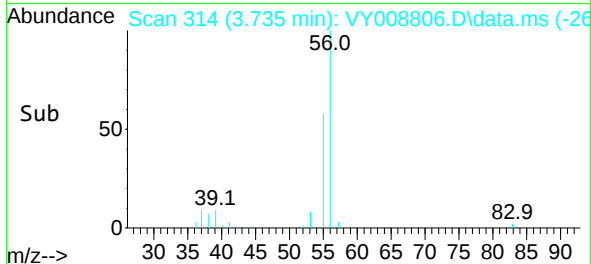
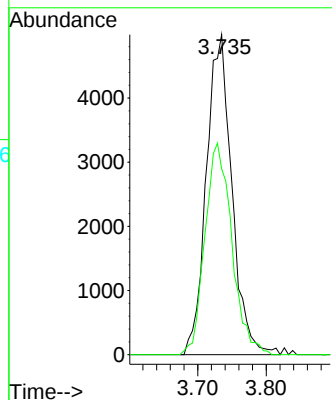
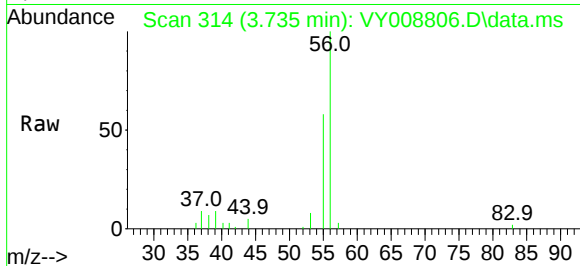
VSTDCCC050

Tgt Ion: 56 Resp: 12907

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 50.256 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

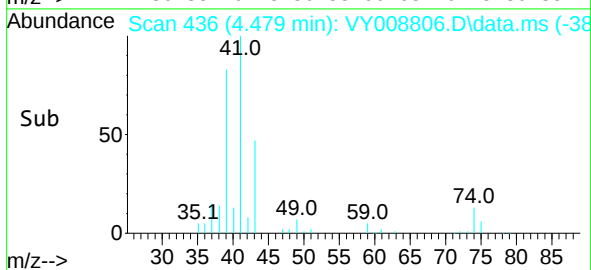
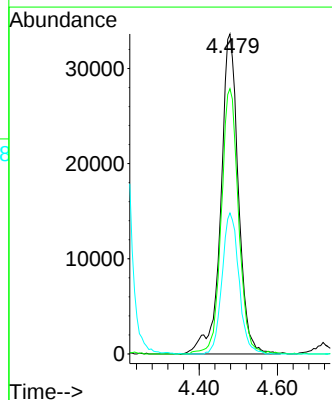
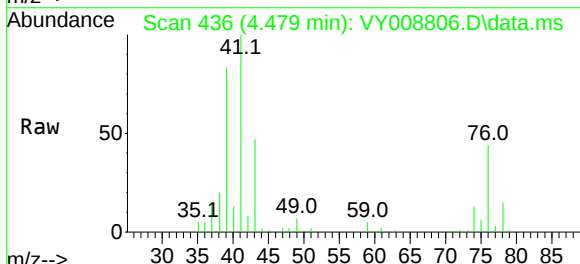
Tgt Ion: 41 Resp: 105116

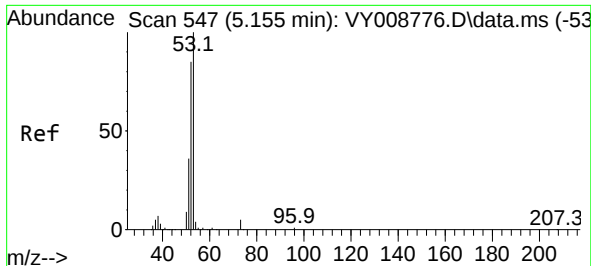
Ion Ratio Lower Upper

41 100

39 81.2 58.8 88.2

76 42.2 25.1 37.7#

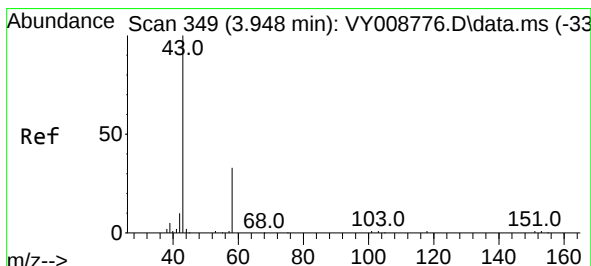
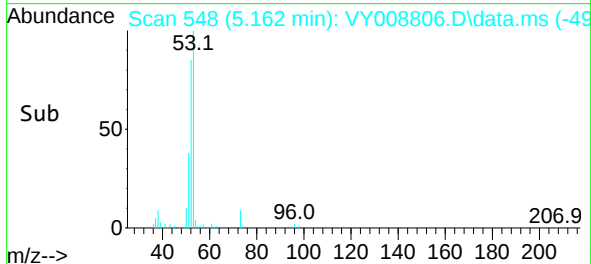
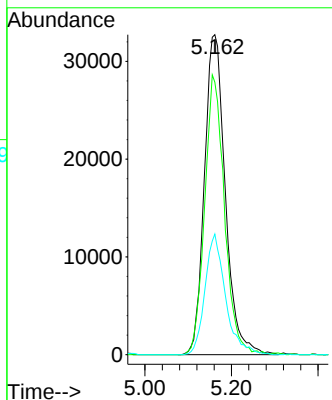
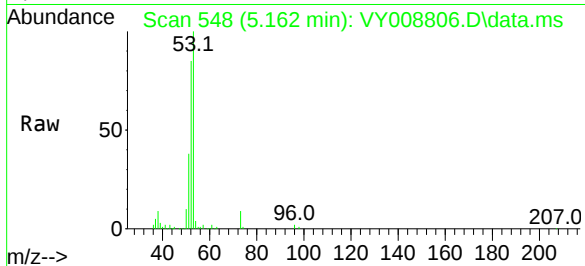




#15
Acrylonitrile
Concen: 218.101 ug/l
RT: 5.162 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

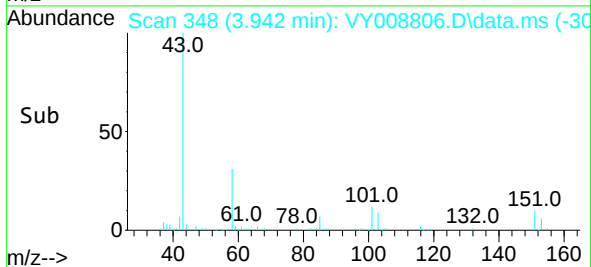
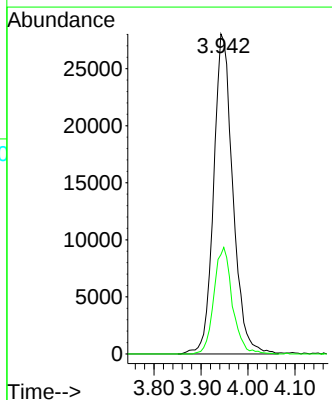
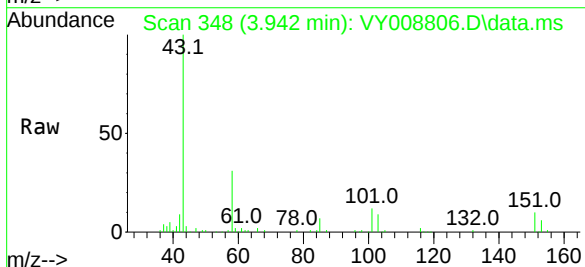
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

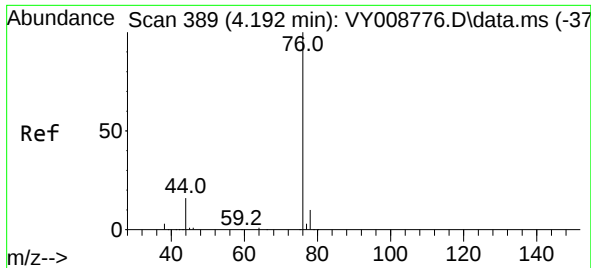
Tgt Ion: 53 Resp: 109815
Ion Ratio Lower Upper
53 100
52 83.0 67.0 100.4
51 37.0 29.8 44.6



#16
Acetone
Concen: 227.240 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 43 Resp: 79660
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0

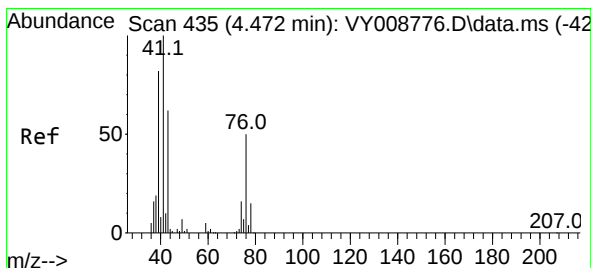
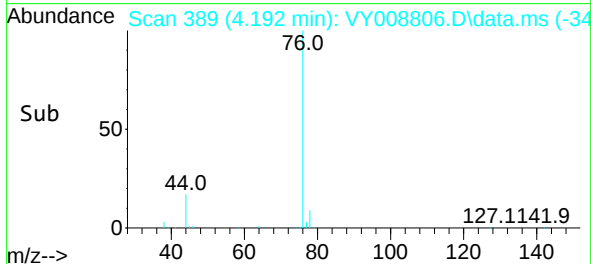
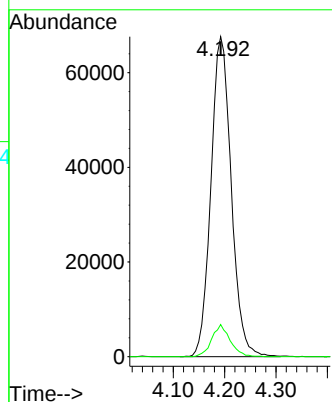
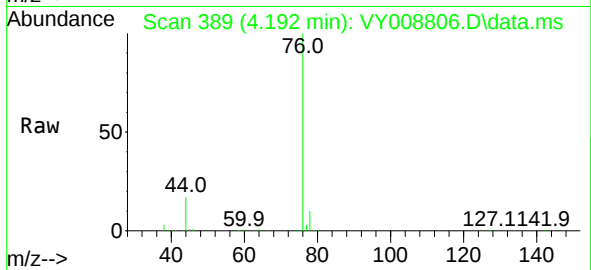




#17
Carbon Disulfide
Concen: 50.942 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

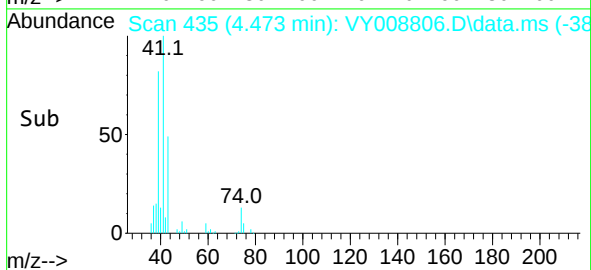
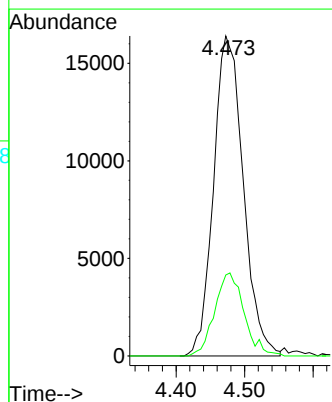
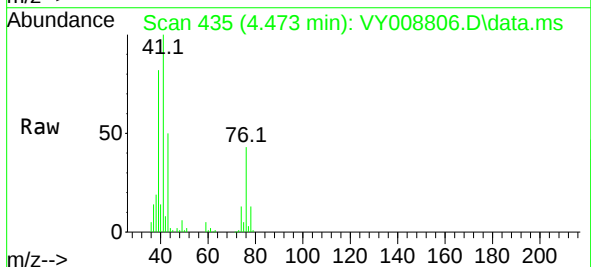
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

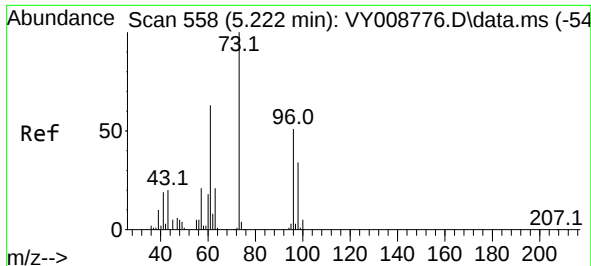
Tgt Ion: 76 Resp: 185548
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 44.112 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 43 Resp: 49317
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 56.497 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

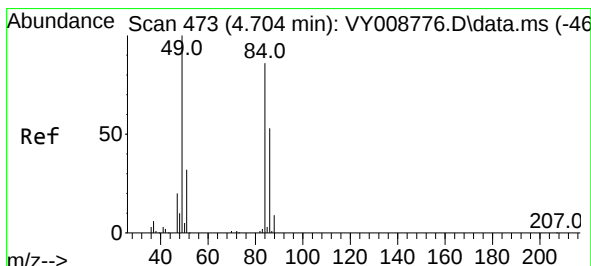
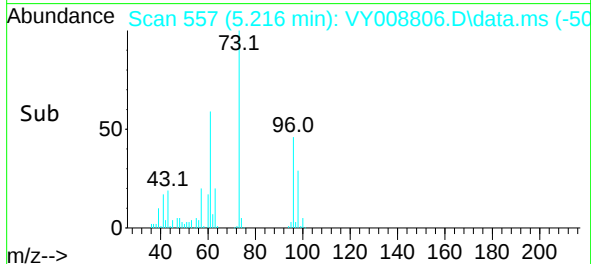
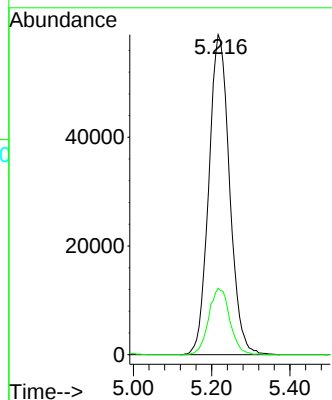
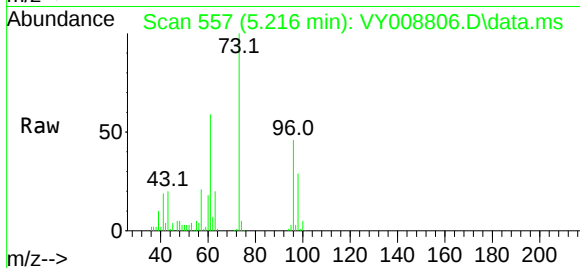
VSTDCCC050

Tgt Ion: 73 Resp: 216369

Ion Ratio Lower Upper

73 100

57 20.8 18.6 27.8



#20

Methylene Chloride

Concen: 52.274 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Tgt Ion: 84 Resp: 83280

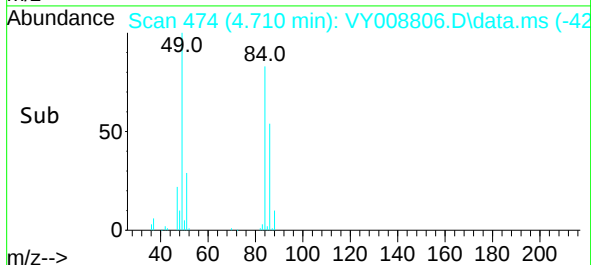
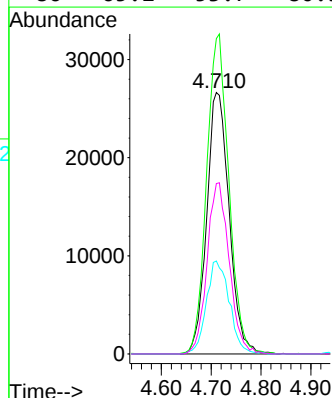
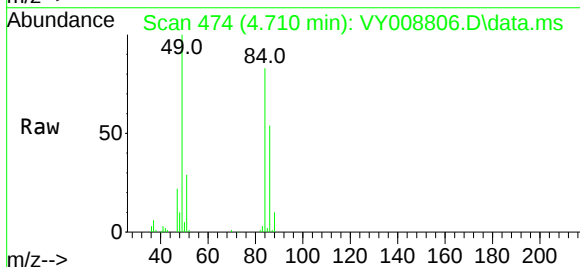
Ion Ratio Lower Upper

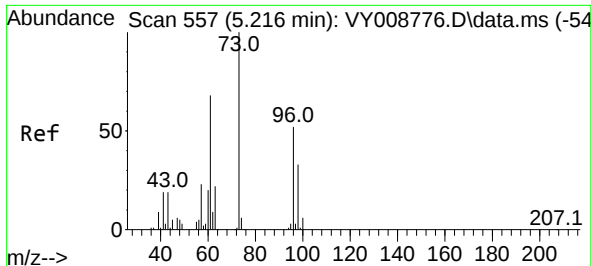
84 100

49 120.6 114.4 171.6

51 35.6 35.3 52.9

86 65.2 53.7 80.5

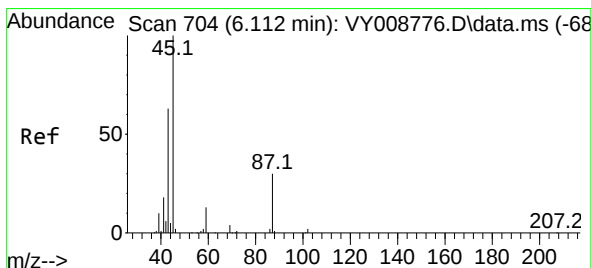
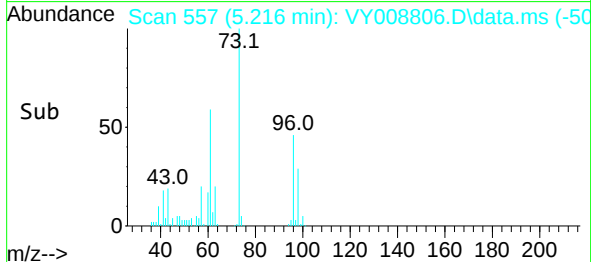
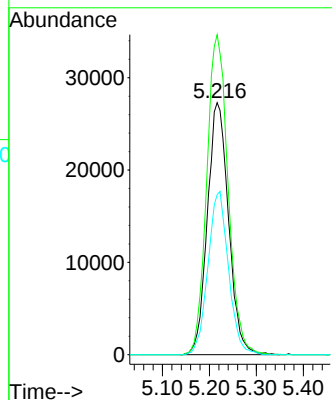
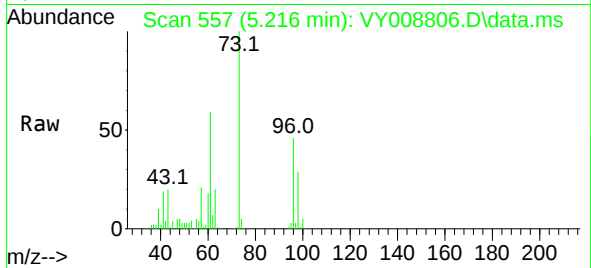




#21
trans-1,2-Dichloroethene
Concen: 48.933 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

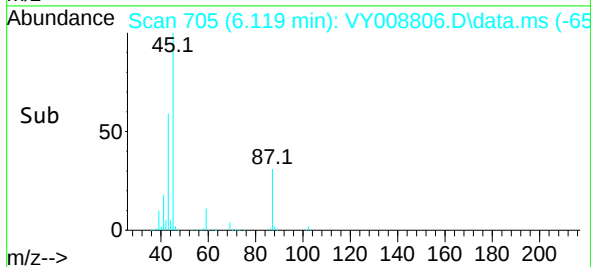
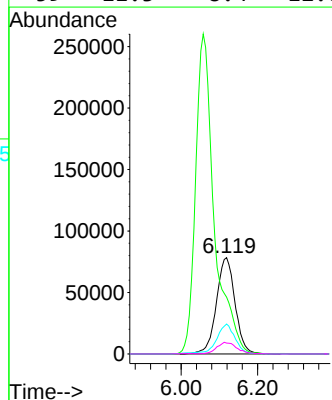
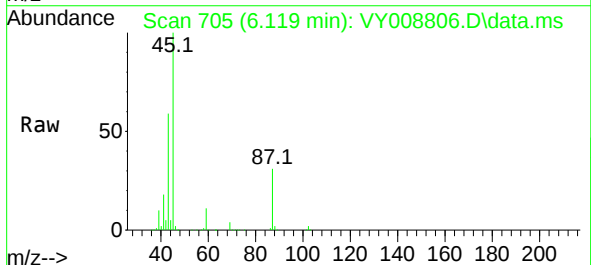
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

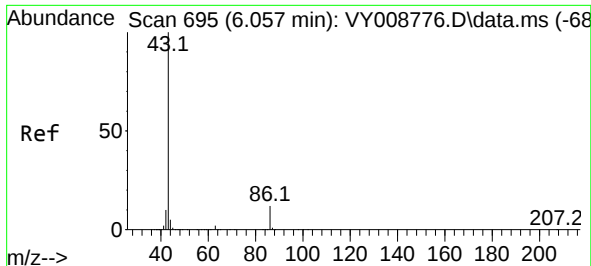
Tgt Ion: 96 Resp: 85316
Ion Ratio Lower Upper
96 100
61 127.0 120.5 180.7
98 63.5 49.8 74.8



#22
Diisopropyl ether
Concen: 59.965 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 45 Resp: 265620
Ion Ratio Lower Upper
45 100
43 58.4 49.3 73.9
87 31.1 19.2 28.8#
59 11.3 8.4 12.6

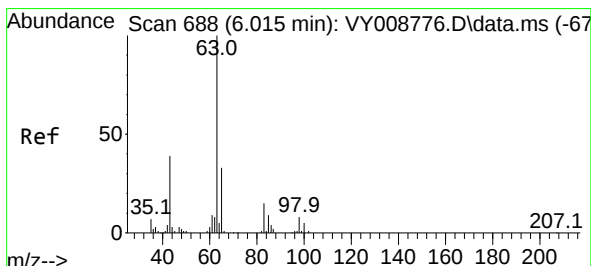
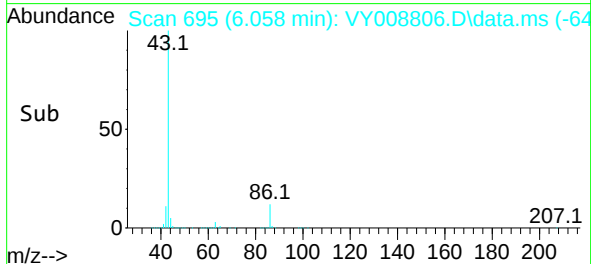
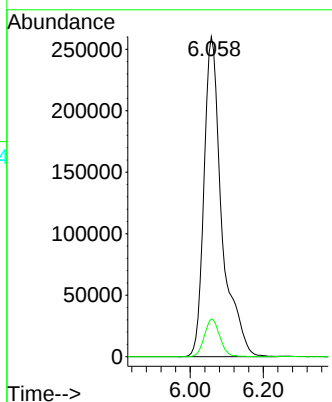
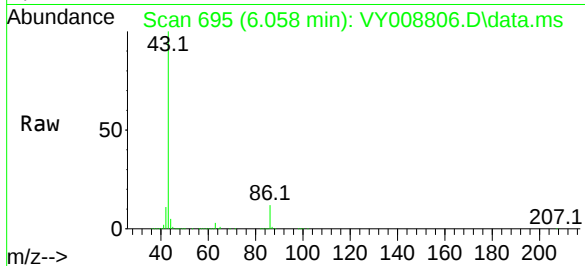




#23
 Vinyl Acetate
 Concen: 281.806 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

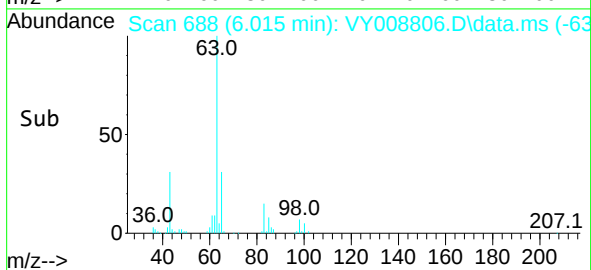
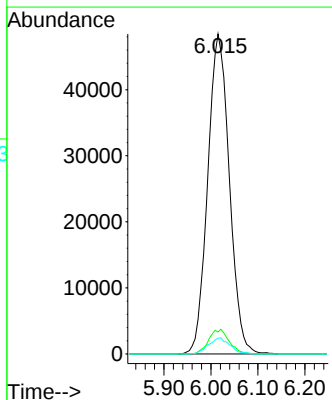
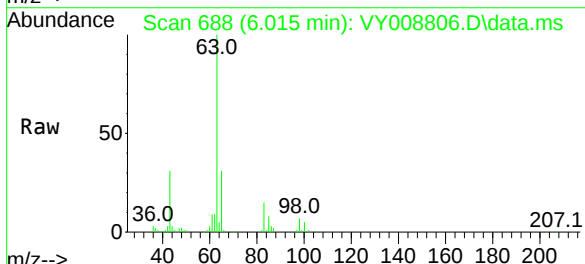
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

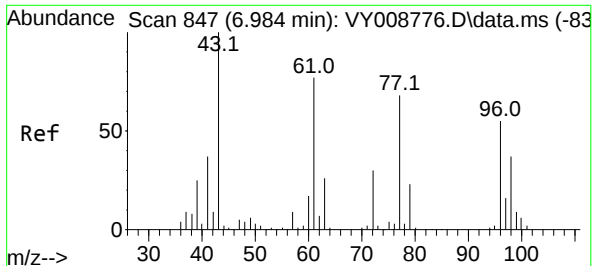
Tgt Ion: 43 Resp: 880133
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.680 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

Tgt Ion: 63 Resp: 154837
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 225.053 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

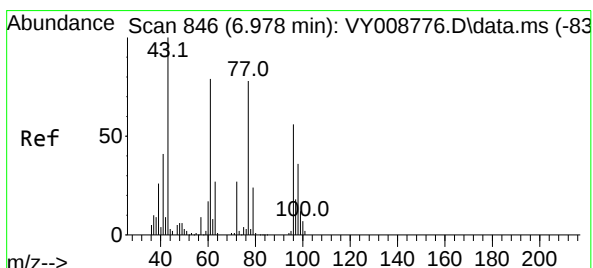
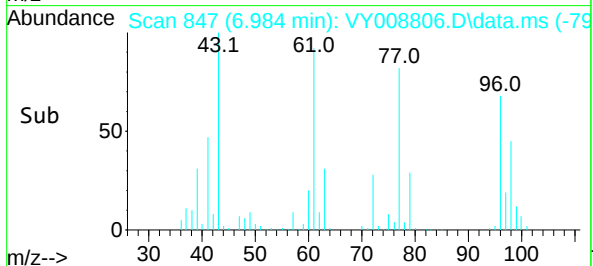
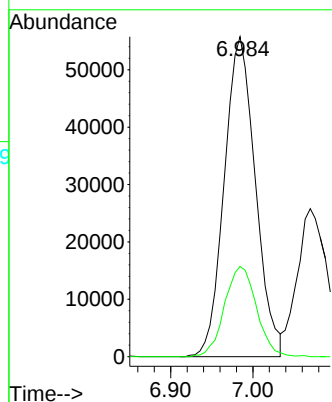
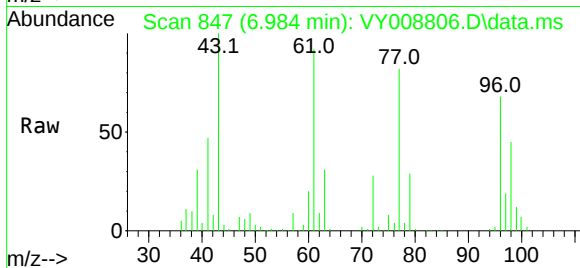
VSTDCCC050

Tgt Ion: 43 Resp: 146830

Ion Ratio Lower Upper

43 100

72 28.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 53.760 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008806.D

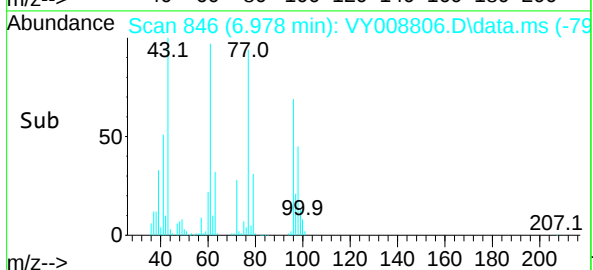
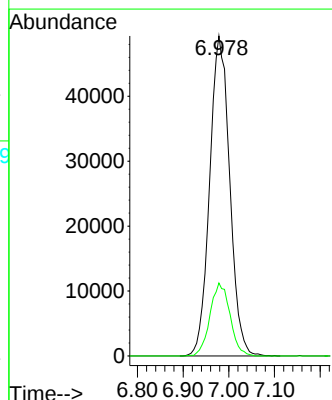
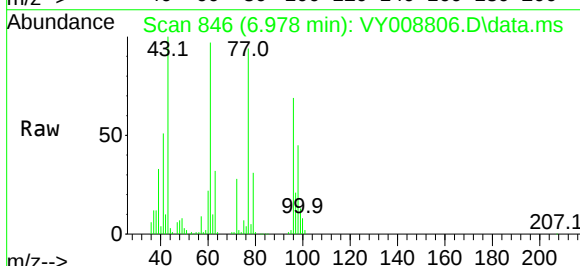
Acq: 18 May 2022 11:11

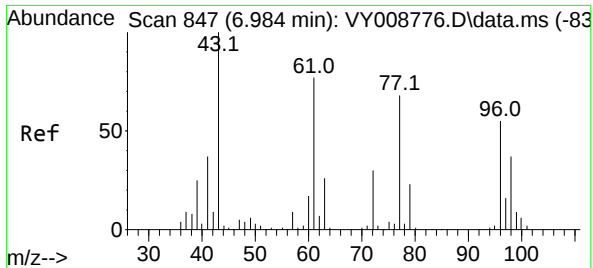
Tgt Ion: 77 Resp: 150183

Ion Ratio Lower Upper

77 100

97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.429 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

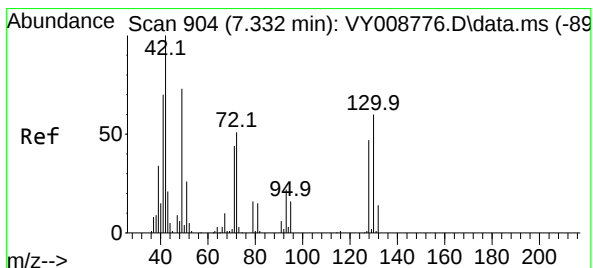
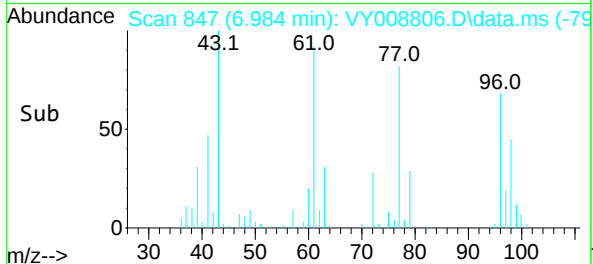
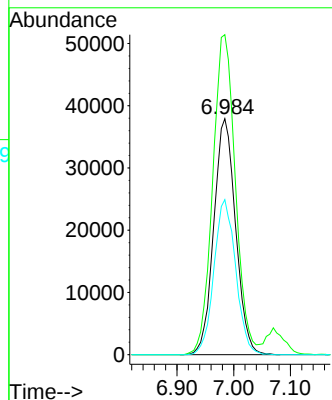
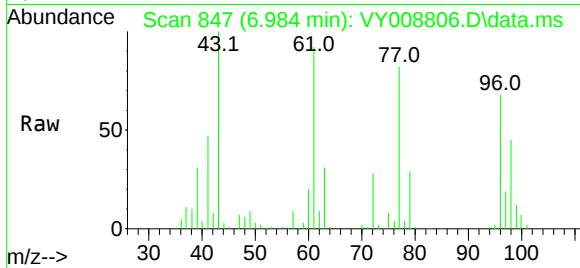
Tgt Ion: 96 Resp: 101388

Ion Ratio Lower Upper

96 100

61 140.4 0.0 319.8

98 65.5 0.0 127.0



#28

Bromochloromethane

Concen: 50.153 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

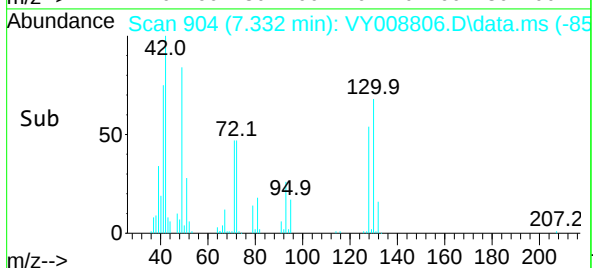
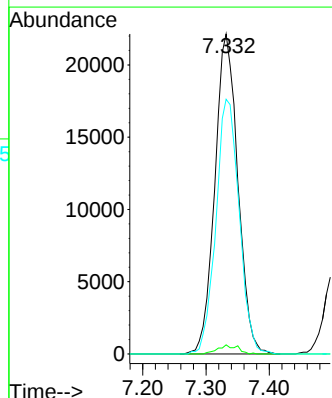
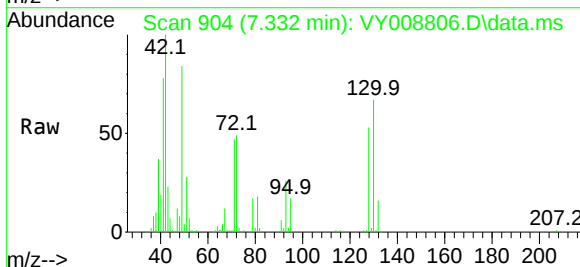
Tgt Ion: 49 Resp: 55886

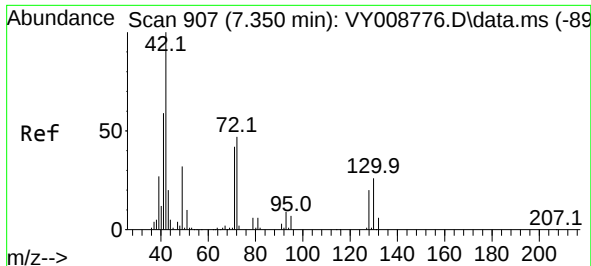
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 80.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 228.215 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

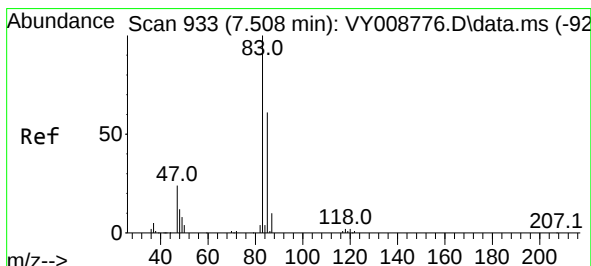
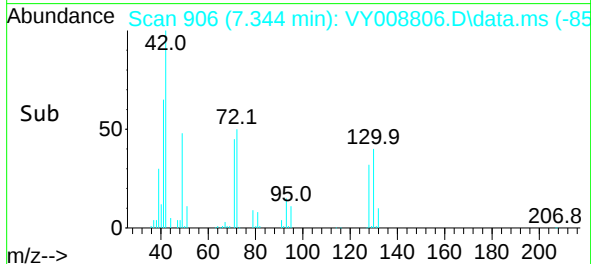
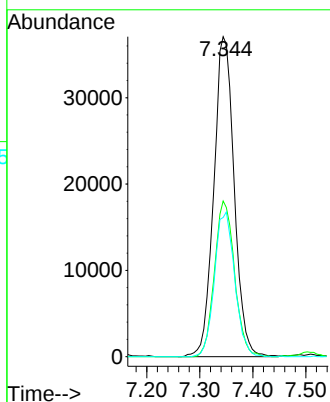
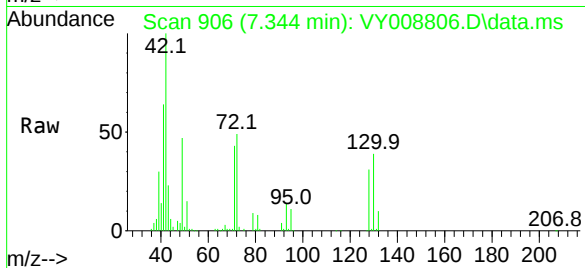
Tgt Ion: 42 Resp: 99186

Ion Ratio Lower Upper

42 100

72 47.8 30.3 45.5#

71 44.9 29.0 43.4#



#30

Chloroform

Concen: 54.159 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008806.D

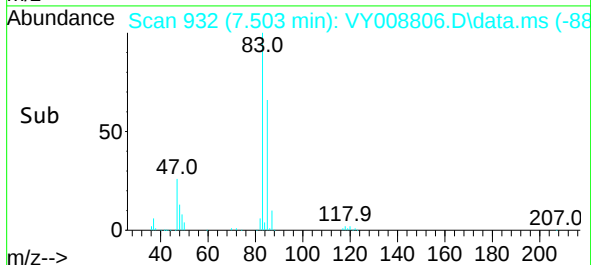
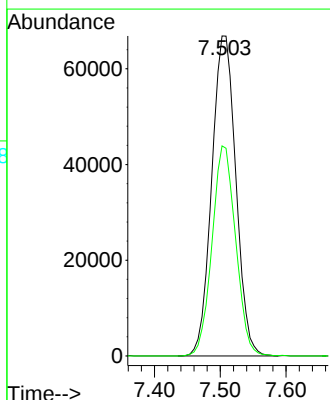
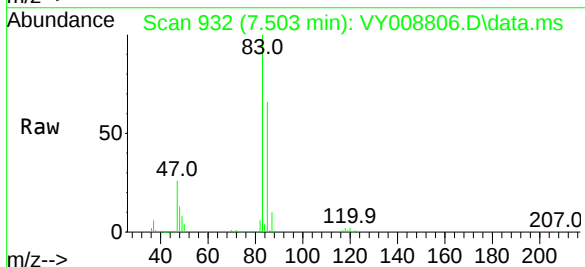
Acq: 18 May 2022 11:11

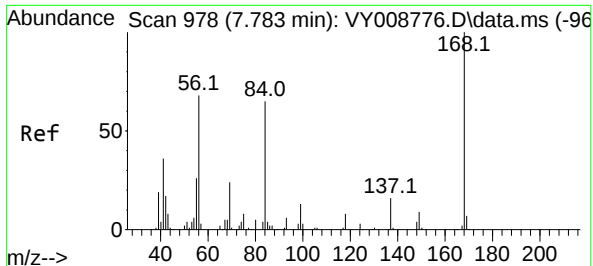
Tgt Ion: 83 Resp: 170670

Ion Ratio Lower Upper

83 100

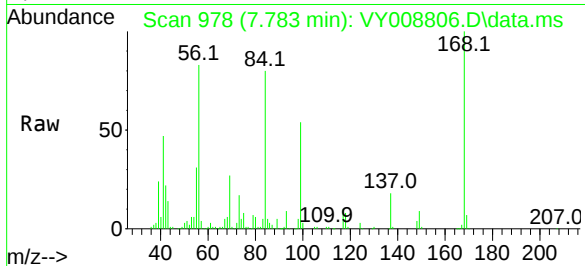
85 65.7 51.8 77.6



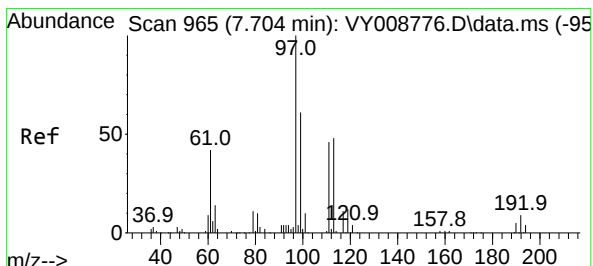
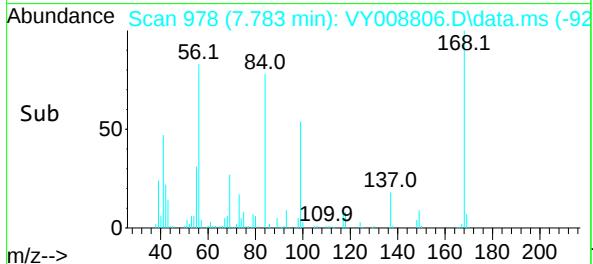
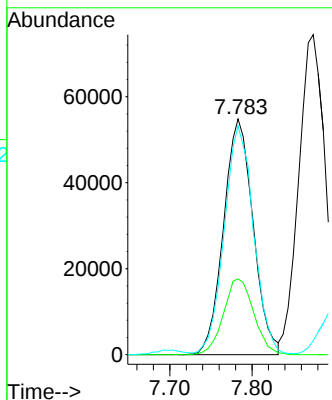


#31
Cyclohexane
Concen: 56.357 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

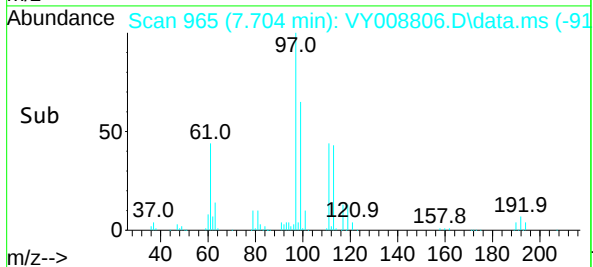
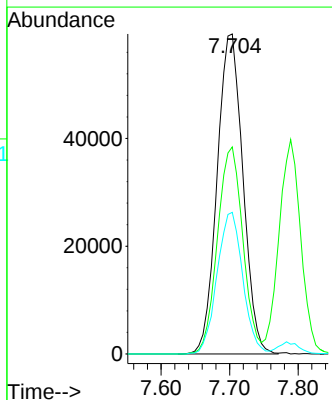
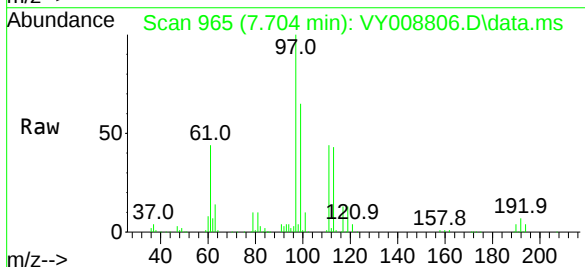


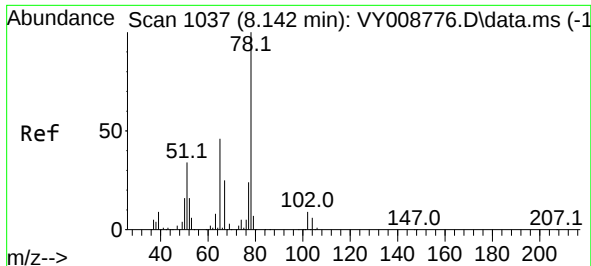
Tgt Ion: 56 Resp: 137434
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 95.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.166 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 97 Resp: 155337
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 44.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 56.127 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

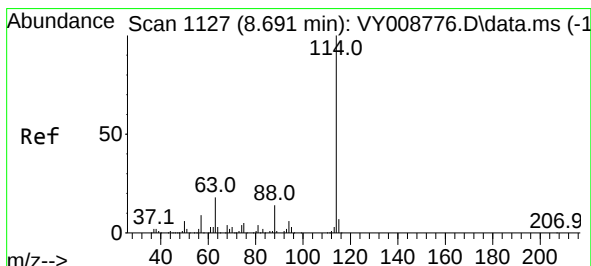
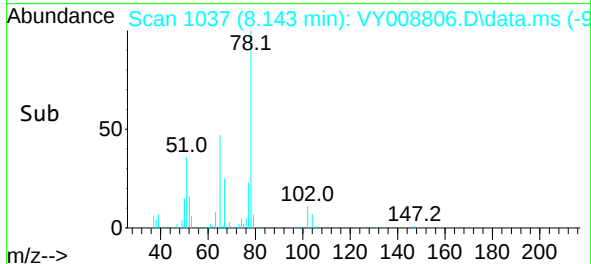
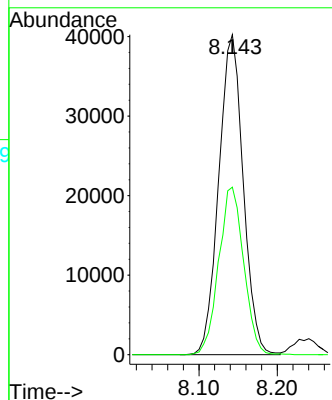
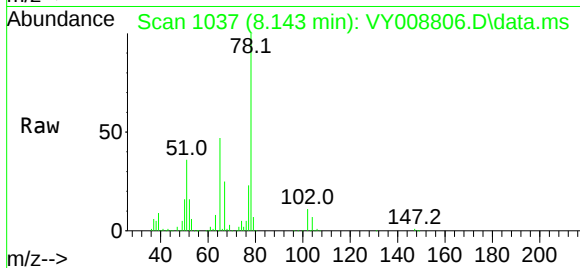
VSTDCCC050

Tgt Ion: 65 Resp: 87258

Ion Ratio Lower Upper

65 100

67 53.5 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: VY008806.D

Acq: 18 May 2022 11:11

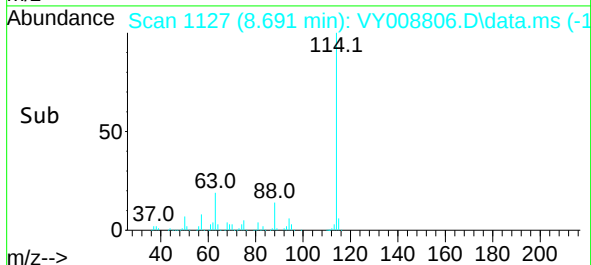
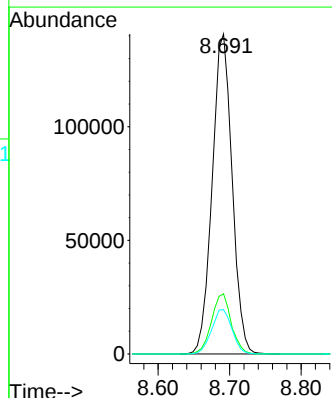
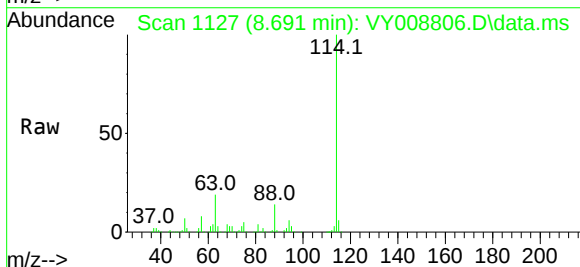
Tgt Ion: 114 Resp: 272289

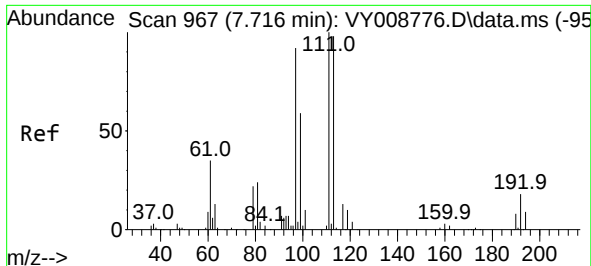
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.9 0.0 31.8

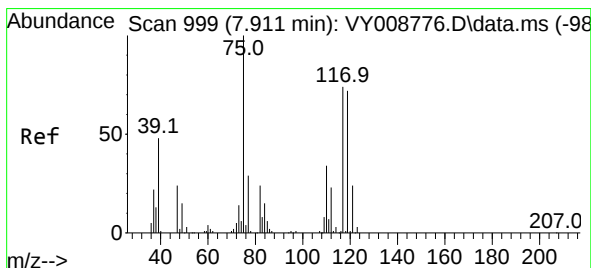
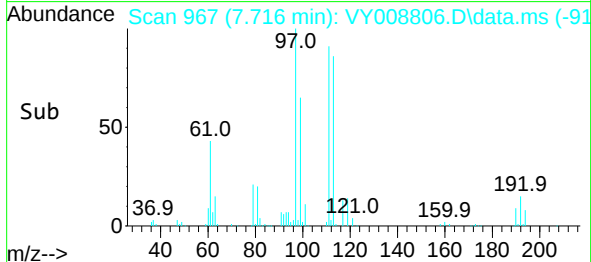
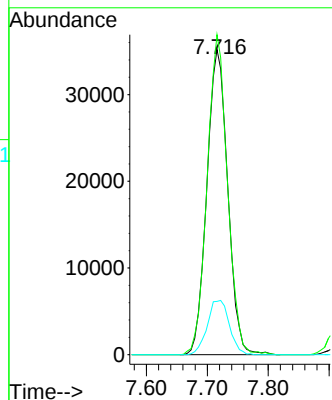
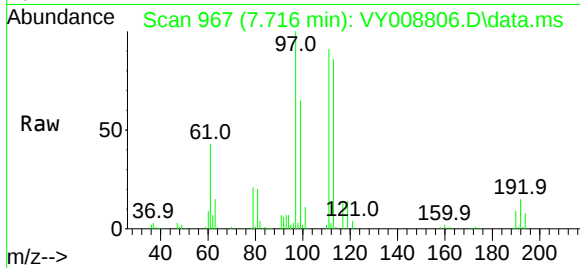




#35
Dibromofluoromethane
Concen: 52.731 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

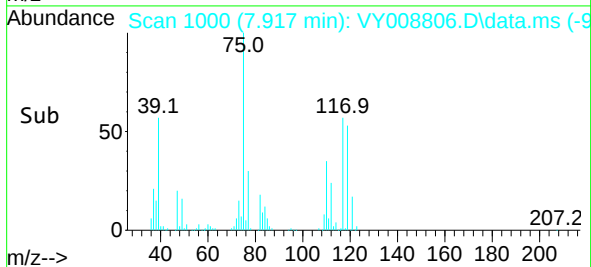
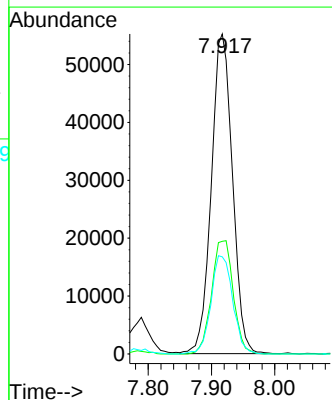
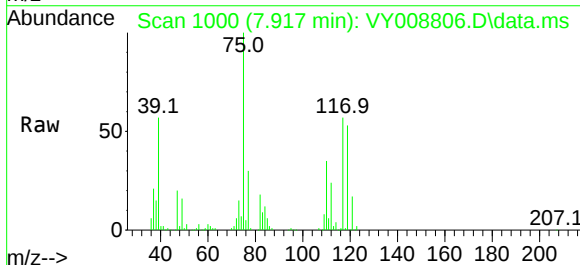
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

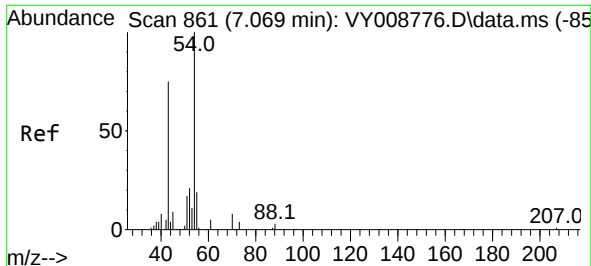
Tgt Ion:113 Resp: 83891
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.183 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 75 Resp: 127870
Ion Ratio Lower Upper
75 100
110 36.4 17.1 51.2
77 31.7 24.4 36.6

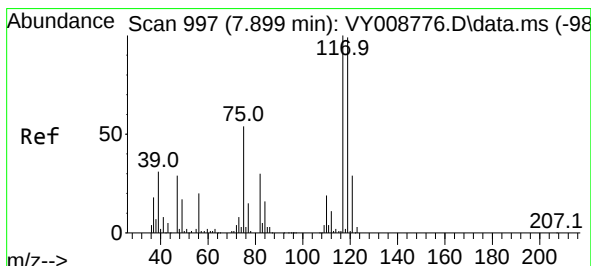
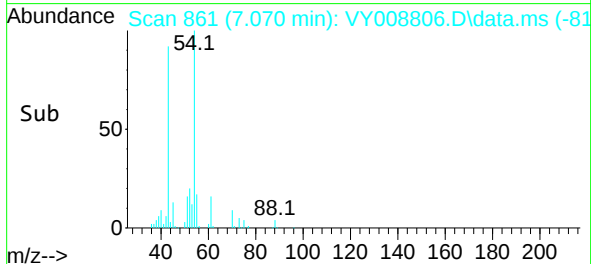
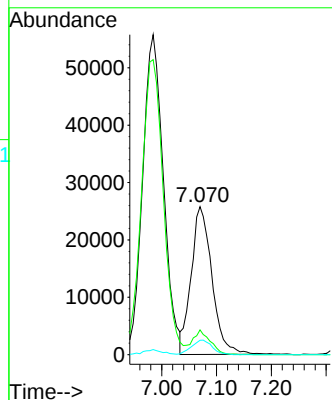
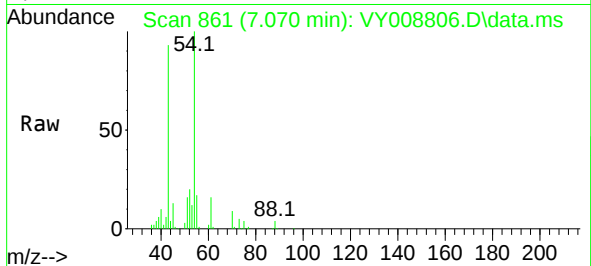




#37
Ethyl Acetate
Concen: 44.739 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

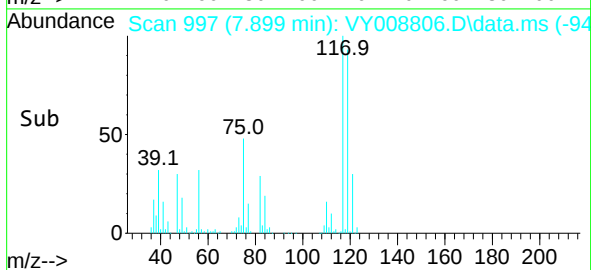
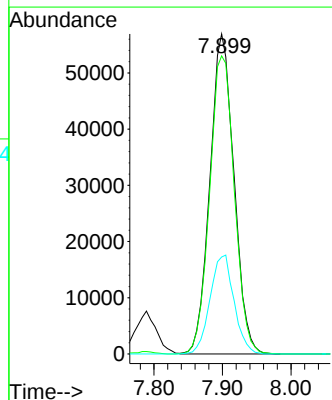
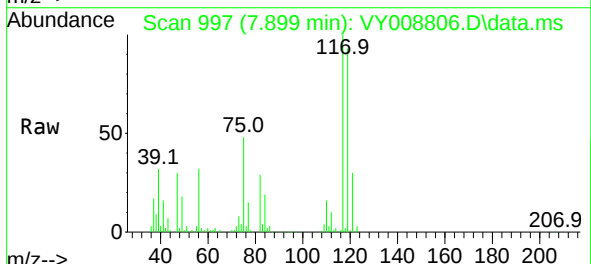
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

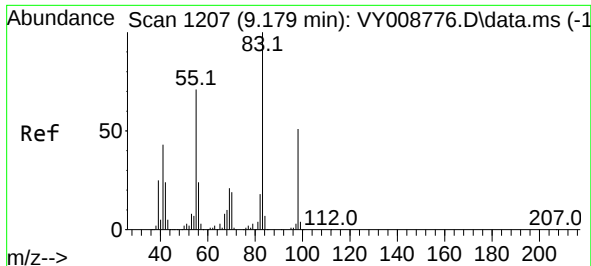
Tgt Ion: 43 Resp: 67933
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.816 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 117 Resp: 138766
Ion Ratio Lower Upper
117 100
119 93.1 77.9 116.9
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 54.120 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

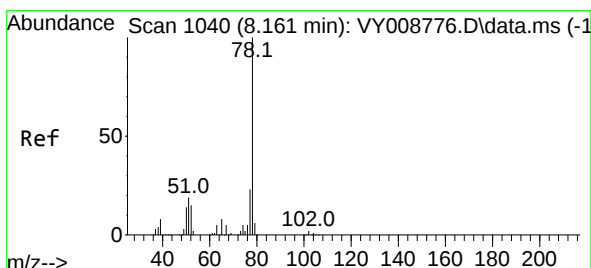
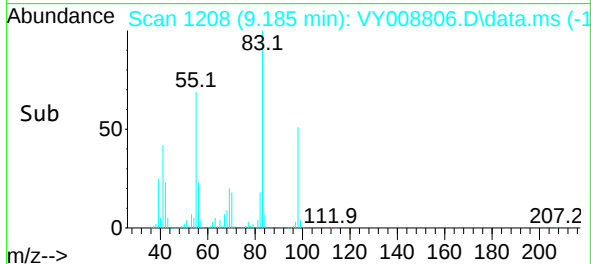
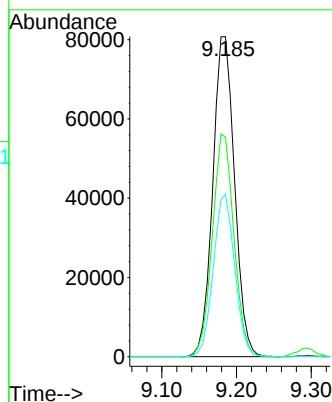
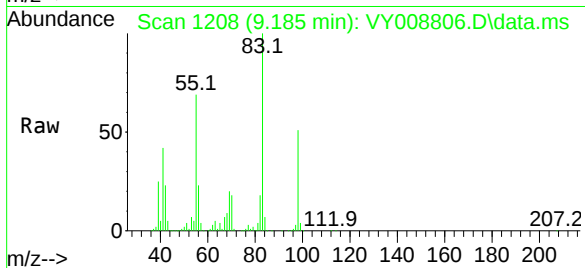
Tgt Ion: 83 Resp: 163539

Ion Ratio Lower Upper

83 100

55 68.7 66.5 99.7

98 50.8 37.9 56.9



#40

Benzene

Concen: 52.534 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008806.D

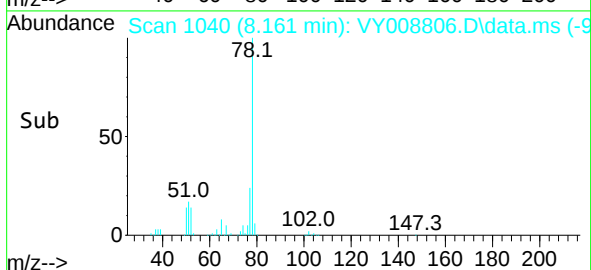
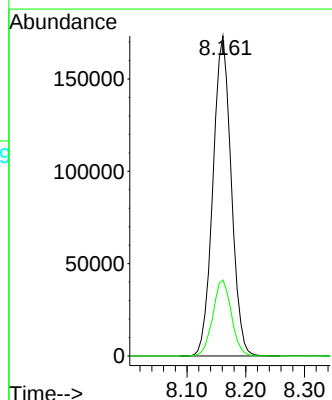
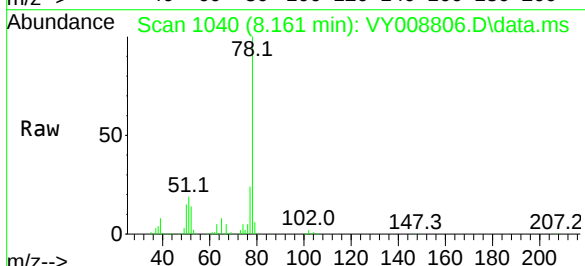
Acq: 18 May 2022 11:11

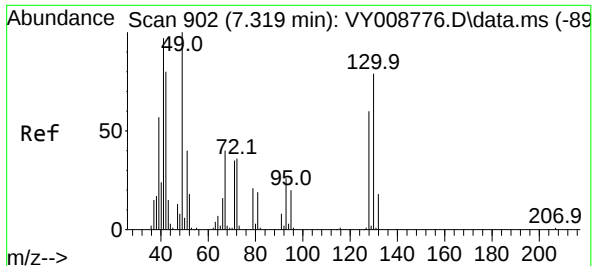
Tgt Ion: 78 Resp: 374556

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

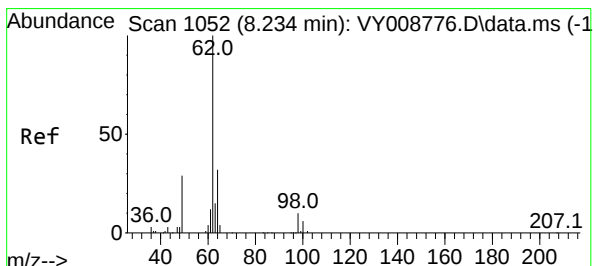
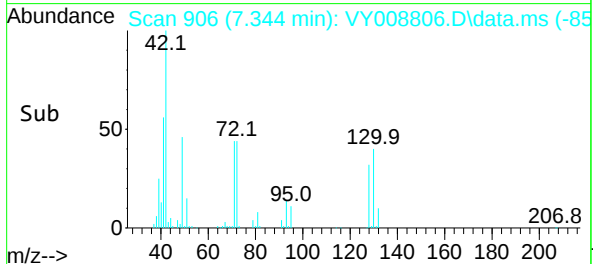
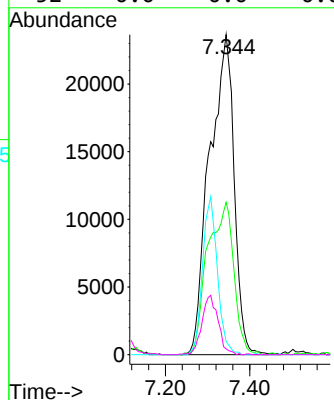
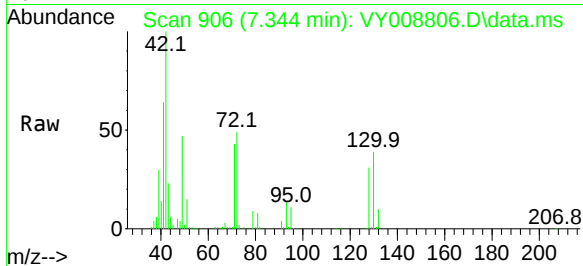




#41
Methacrylonitrile
Concen: 119.279 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

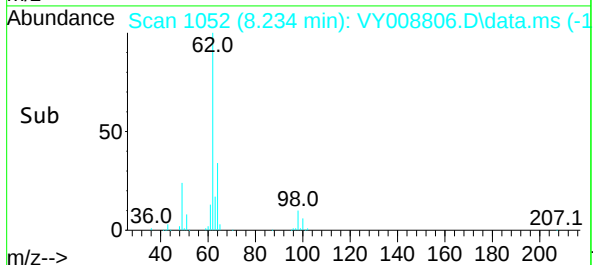
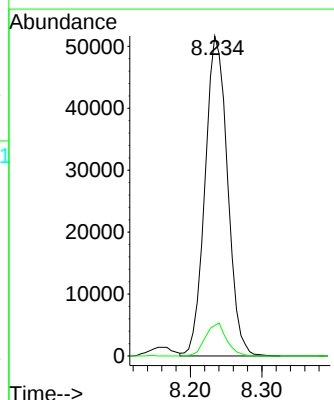
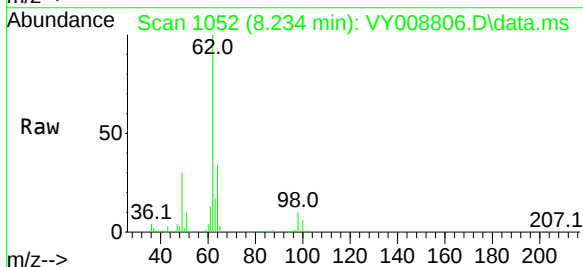
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

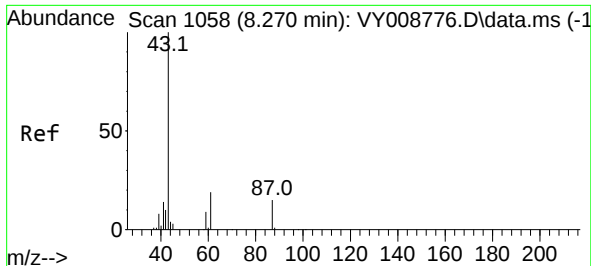
Tgt Ion: 41 Resp: 95249
Ion Ratio Lower Upper
41 100
39 50.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.923 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 62 Resp: 112853
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

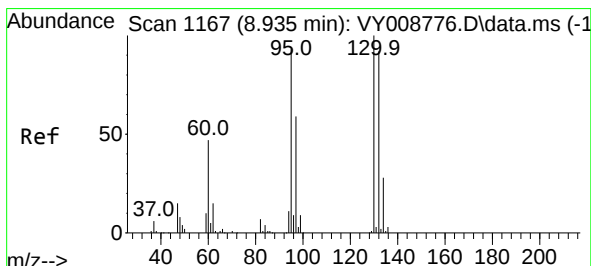
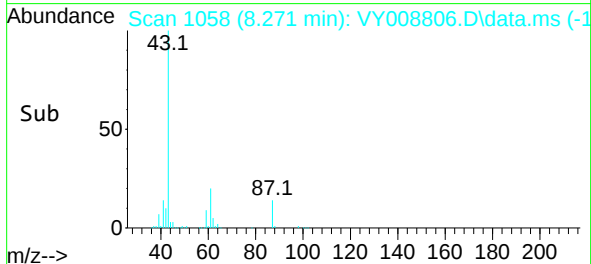
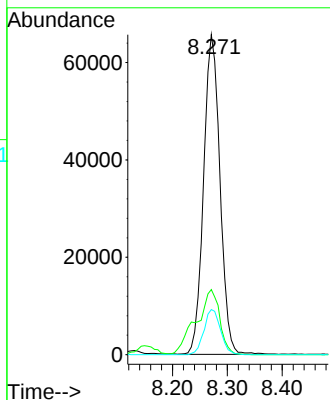
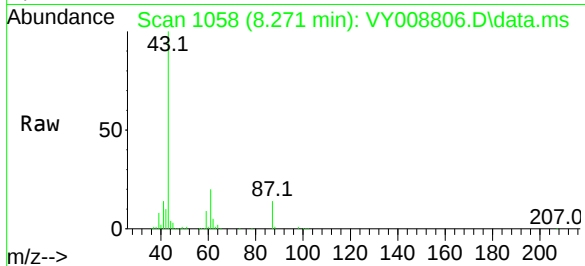




#43
Isopropyl Acetate
Concen: 53.778 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

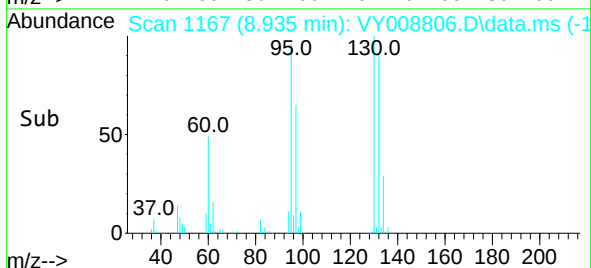
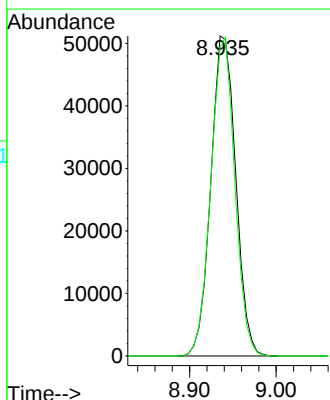
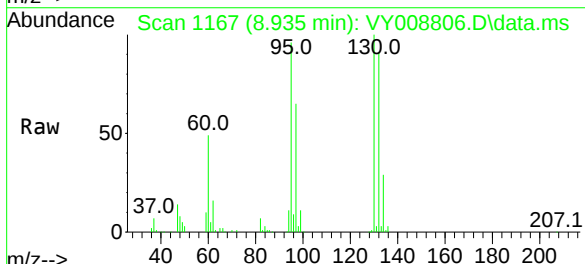
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

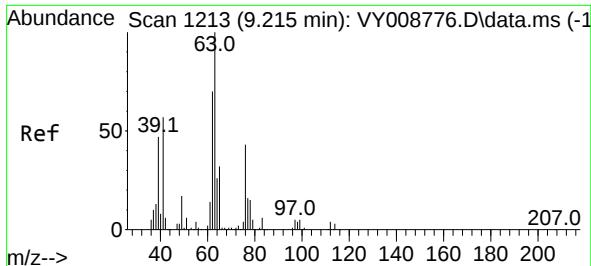
Tgt Ion: 43 Resp: 135938
Ion Ratio Lower Upper
43 100
61 29.4 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 52.661 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:130 Resp: 102133
Ion Ratio Lower Upper
130 100
95 96.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 57.102 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

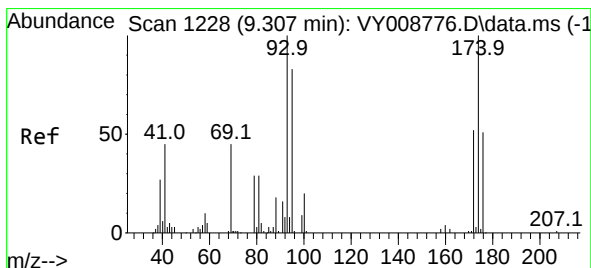
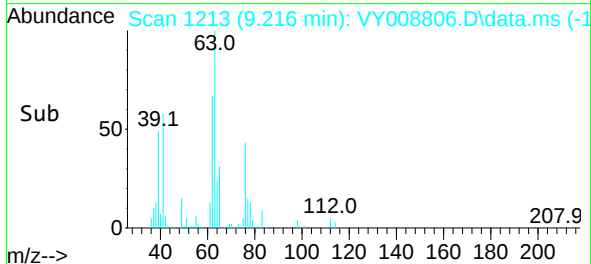
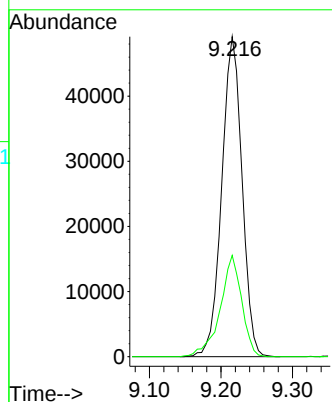
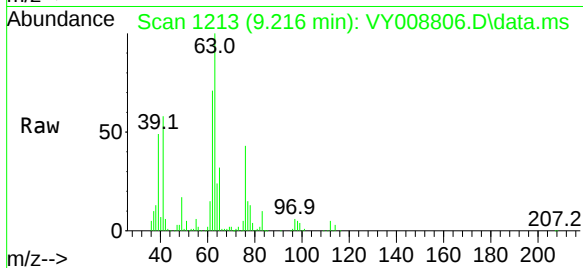
VSTDCCC050

Tgt Ion: 63 Resp: 96757

Ion Ratio Lower Upper

63 100

65 31.6 23.0 34.6



#46

Dibromomethane

Concen: 52.819 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

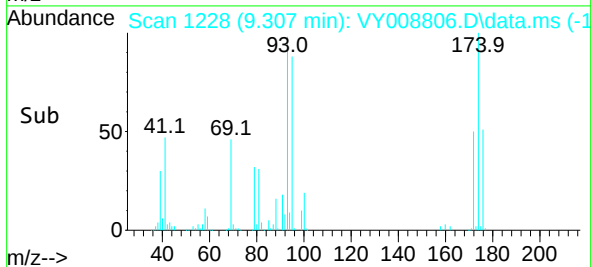
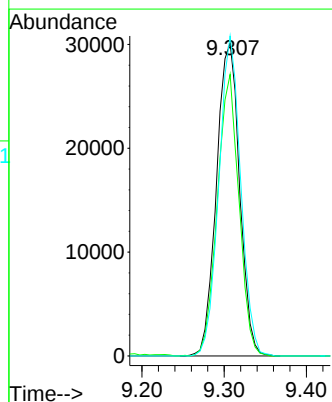
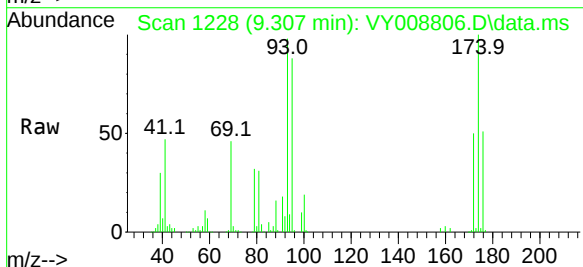
Tgt Ion: 93 Resp: 58810

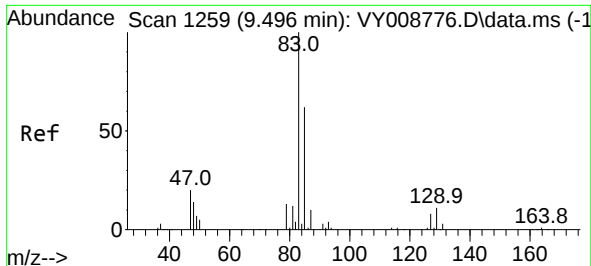
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

174 96.8 83.4 125.0

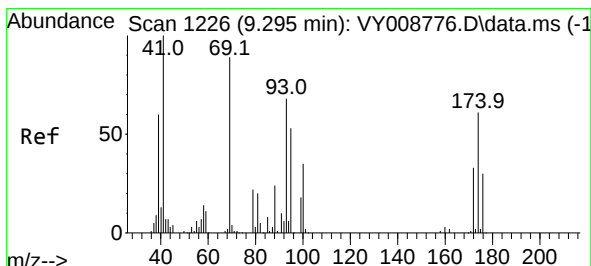
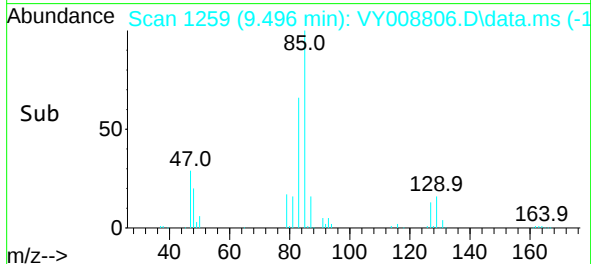
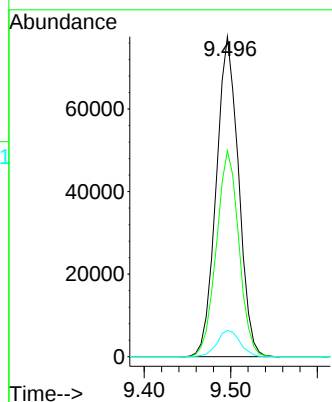
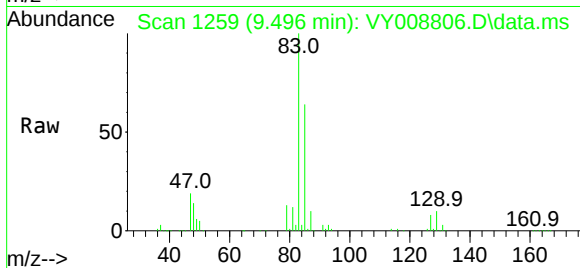




#47
Bromodichloromethane
Concen: 56.181 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

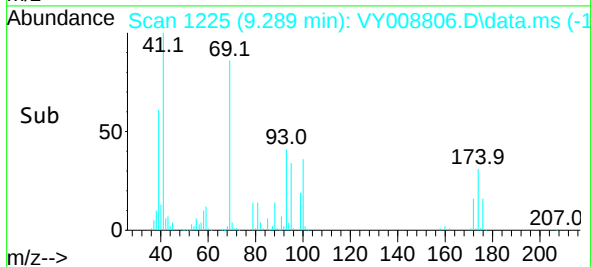
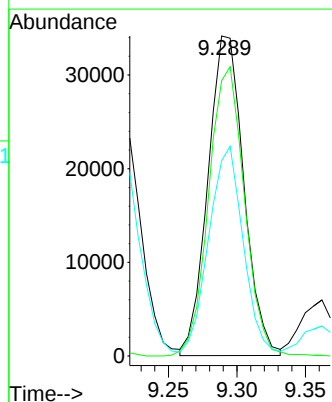
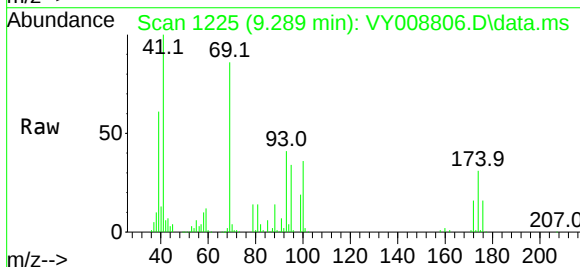
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

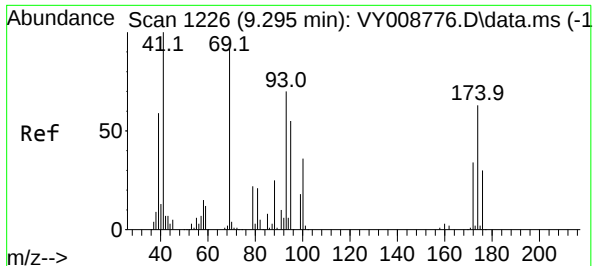
Tgt Ion: 83 Resp: 138673
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 56.025 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 41 Resp: 62183
Ion Ratio Lower Upper
41 100
69 90.1 58.2 87.2#
39 61.2 47.4 71.0





#49

1,4-Dioxane

Concen: 944.624 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

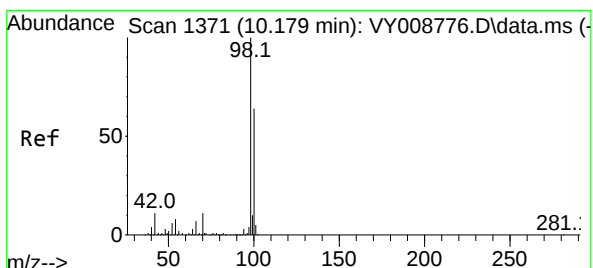
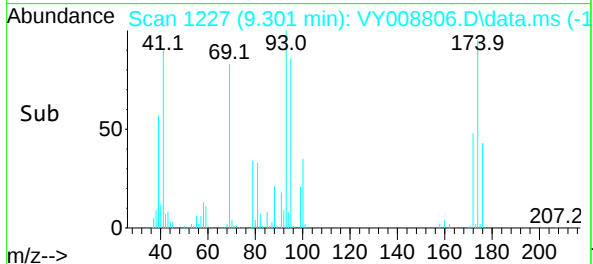
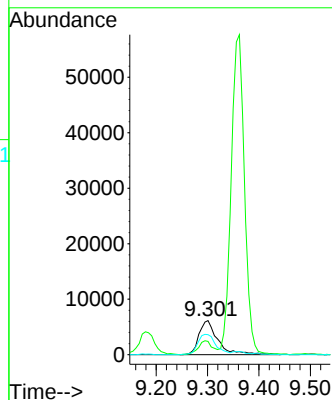
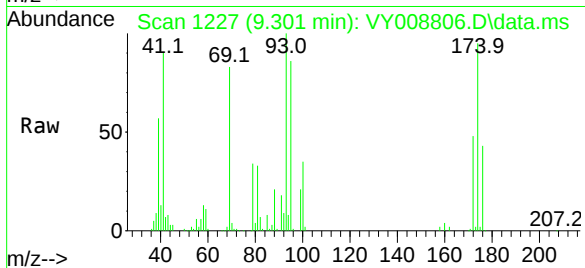
Tgt Ion: 88 Resp: 15798

Ion Ratio Lower Upper

88 100

43 31.1 32.8 49.2#

58 57.0 59.8 89.6#



#50

Toluene-d8

Concen: 51.310 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008806.D

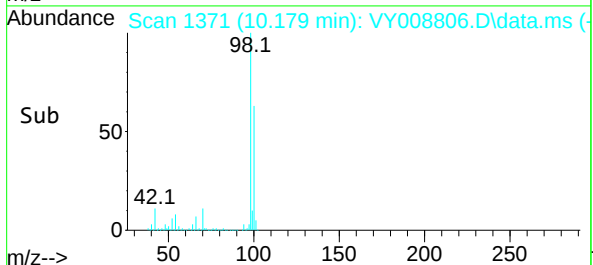
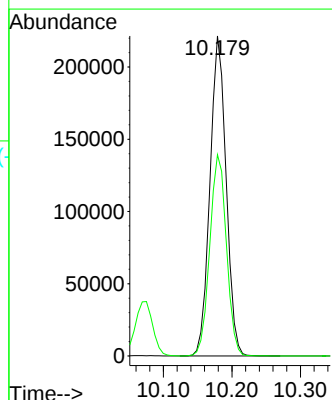
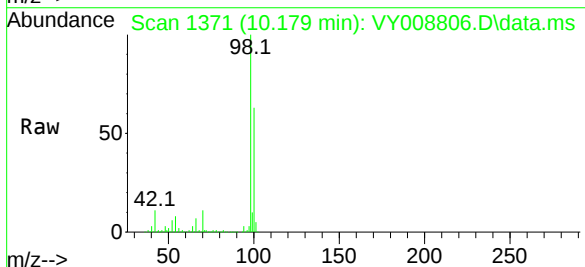
Acq: 18 May 2022 11:11

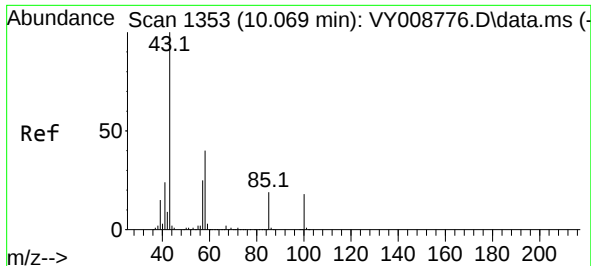
Tgt Ion: 98 Resp: 363469

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

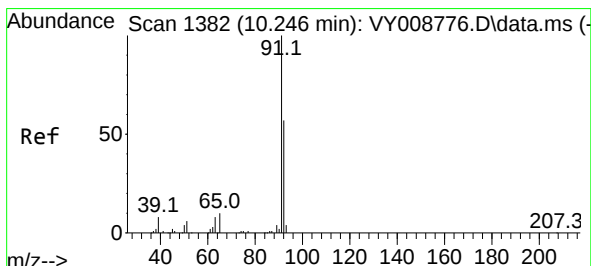
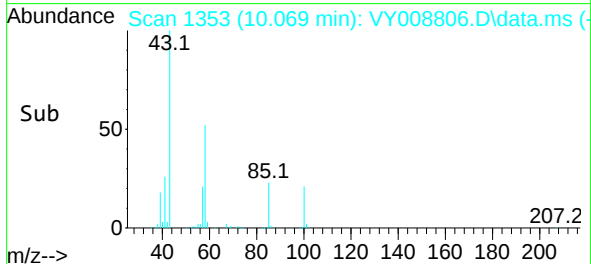
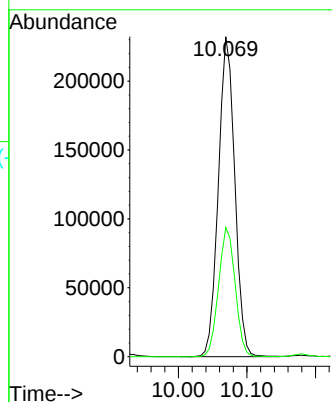
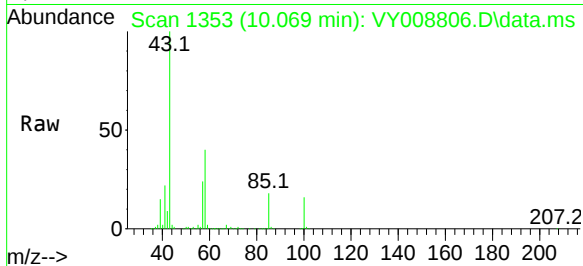




#51
4-Methyl-2-Pentanone
Concen: 258.405 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

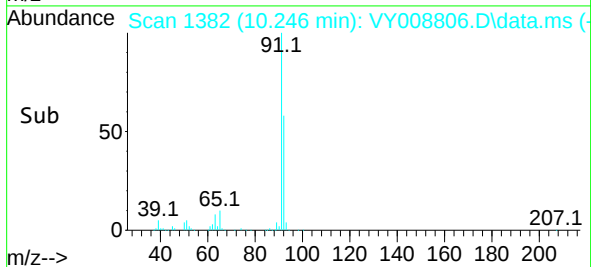
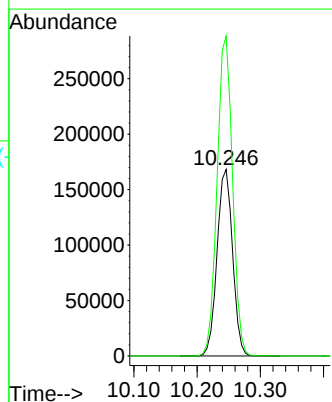
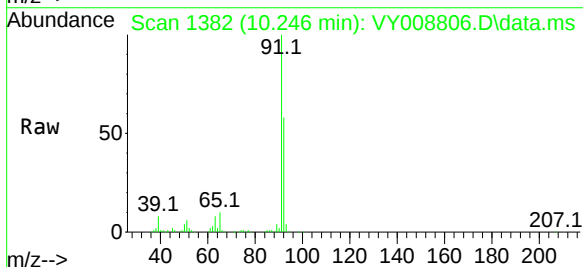
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

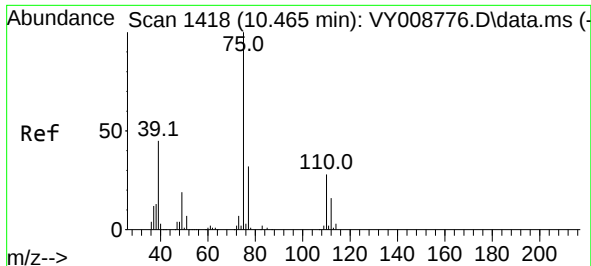
Tgt Ion: 43 Resp: 385605
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1



#52
Toluene
Concen: 58.754 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 92 Resp: 284647
Ion Ratio Lower Upper
92 100
91 170.7 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 59.984 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

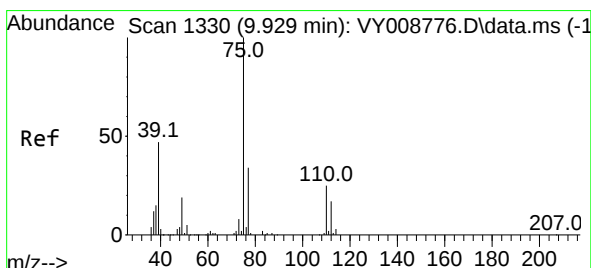
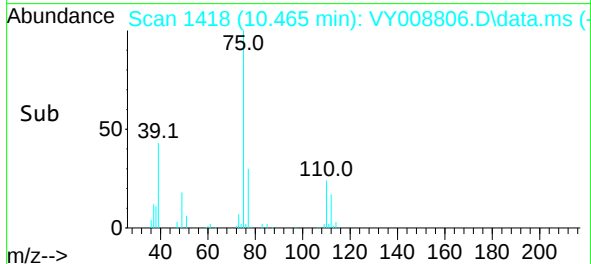
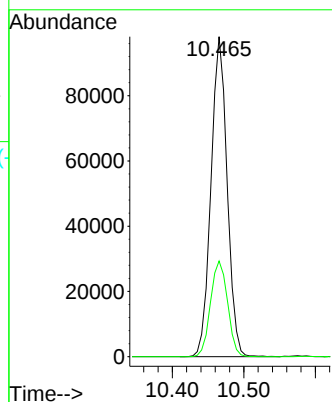
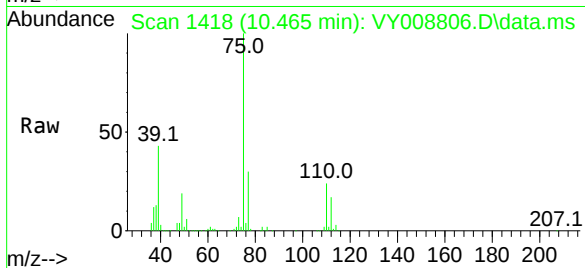
VSTDCCC050

Tgt Ion: 75 Resp: 153790

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 57.390 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

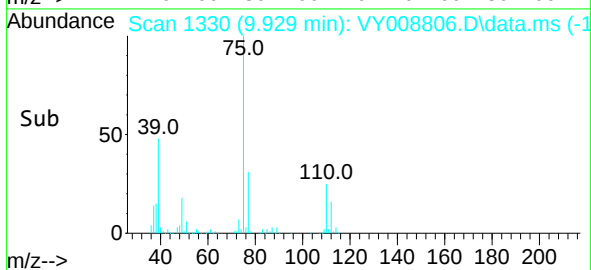
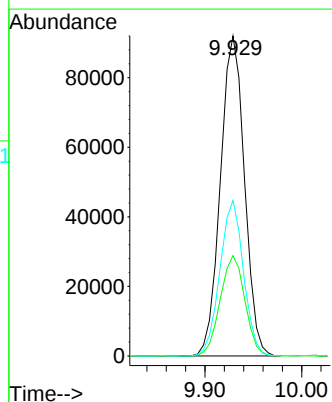
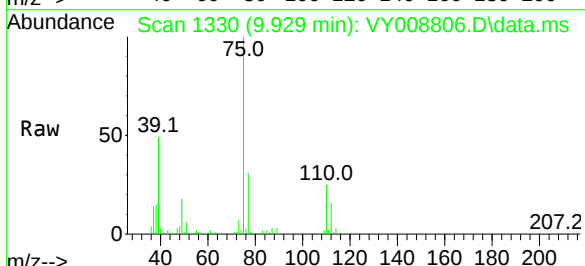
Tgt Ion: 75 Resp: 158667

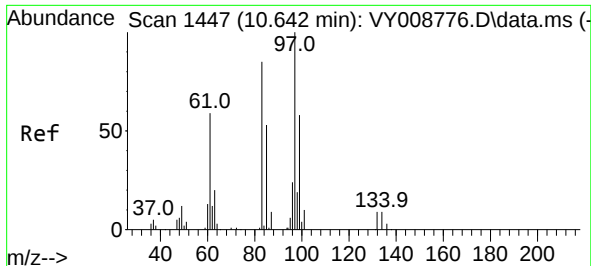
Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 48.6 47.6 71.4

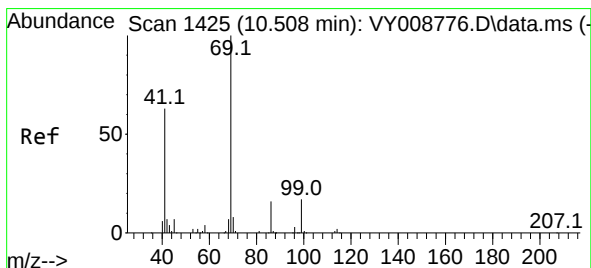
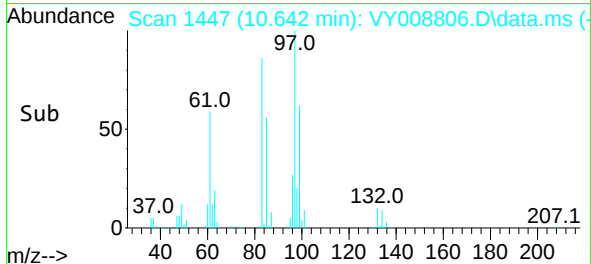
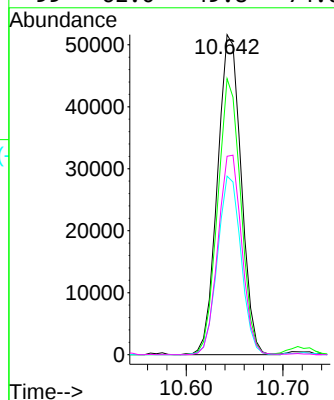
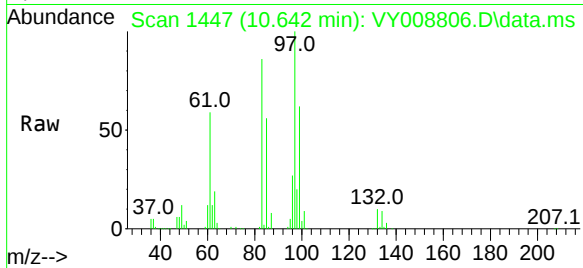




#55
1,1,2-Trichloroethane
Concen: 58.039 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

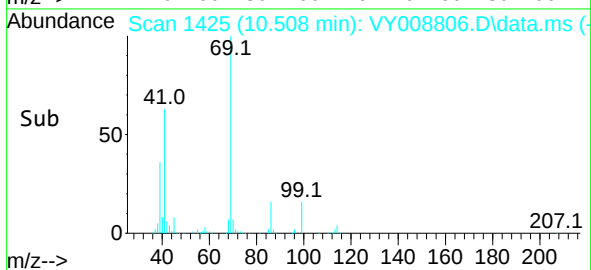
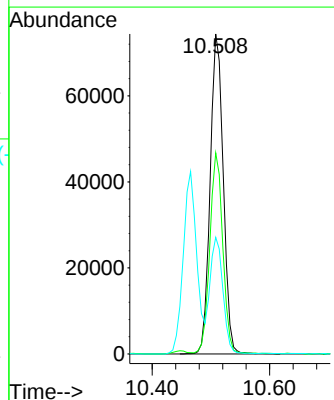
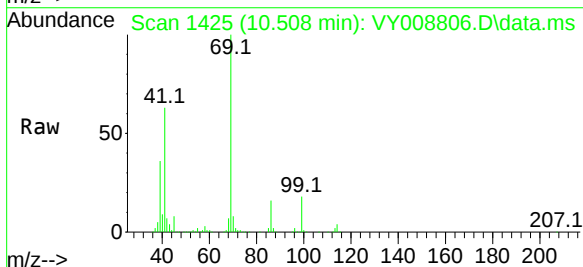
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

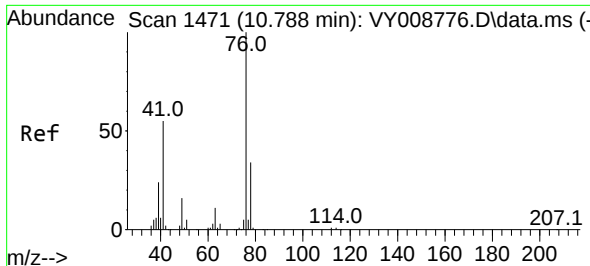
Tgt Ion: 97	Resp: 87876
Ion Ratio	Lower Upper
97 100	
83 86.3	69.8 104.8
85 55.8	44.3 66.5
99 62.0	49.8 74.6



#56
Ethyl methacrylate
Concen: 62.835 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 69	Resp: 115426
Ion Ratio	Lower Upper
69 100	
41 61.8	63.4 95.0#
39 35.4	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 56.371 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

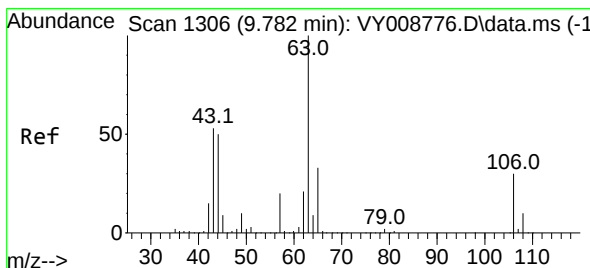
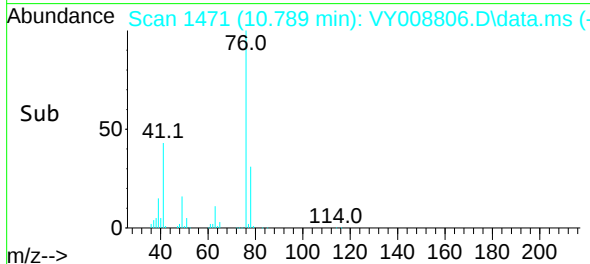
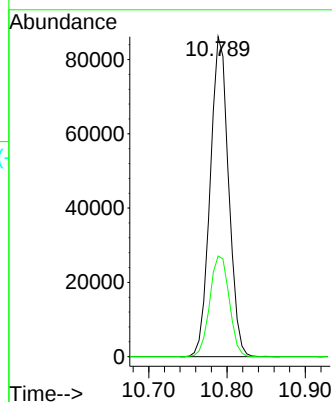
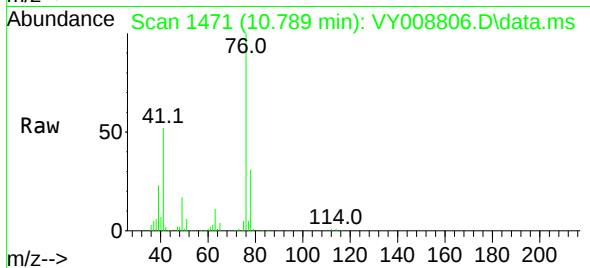
VSTDCCC050

Tgt Ion: 76 Resp: 140342

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 275.123 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008806.D

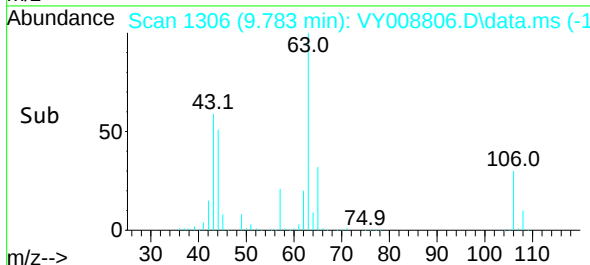
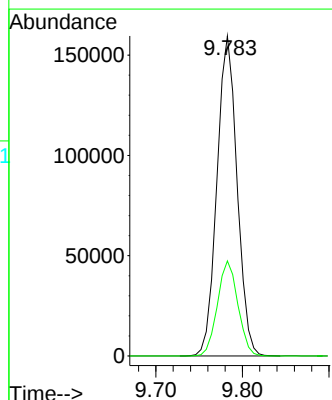
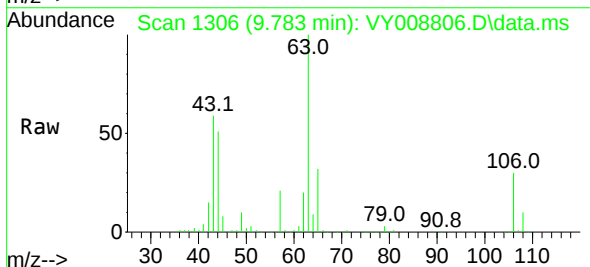
Acq: 18 May 2022 11:11

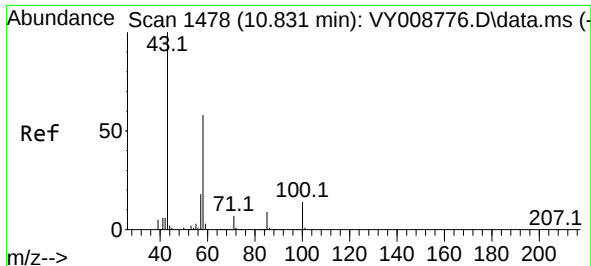
Tgt Ion: 63 Resp: 257718

Ion Ratio Lower Upper

63 100

106 30.0 21.5 32.3

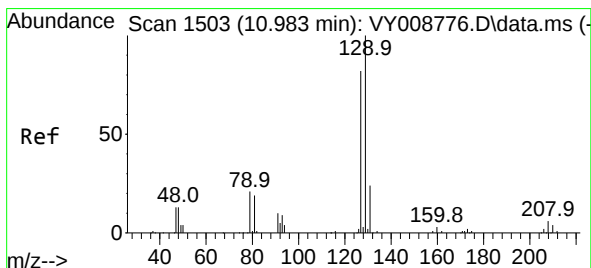
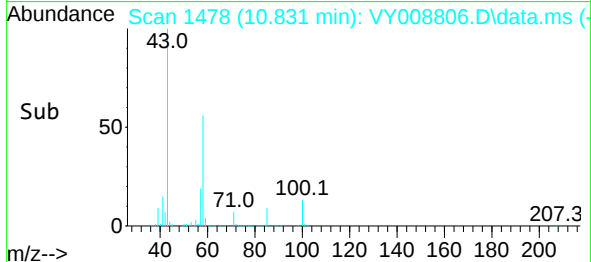
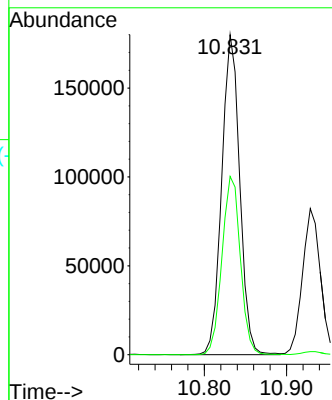
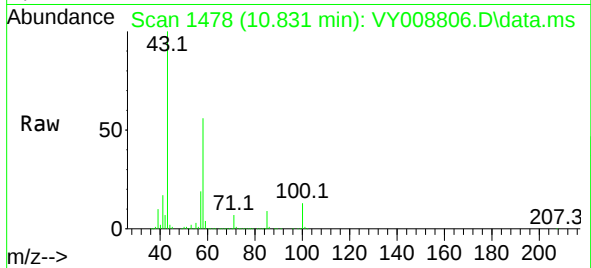




#59
2-Hexanone
Concen: 257.415 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

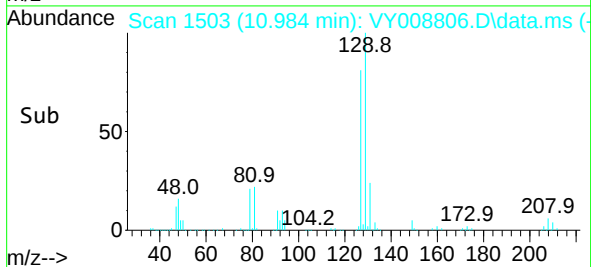
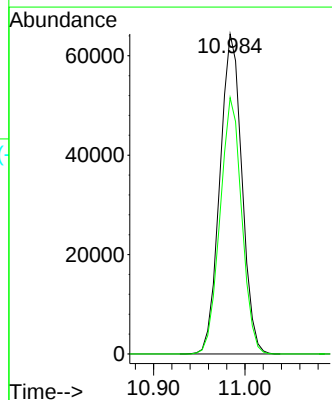
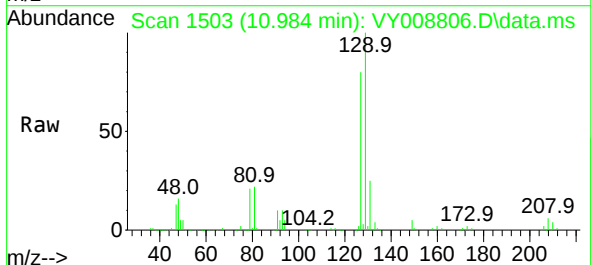
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

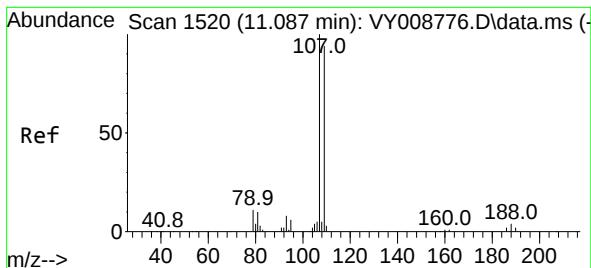
Tgt Ion: 43 Resp: 274462
Ion Ratio Lower Upper
43 100
58 56.9 24.4 73.4



#60
Dibromochloromethane
Concen: 59.316 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 129 Resp: 107815
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

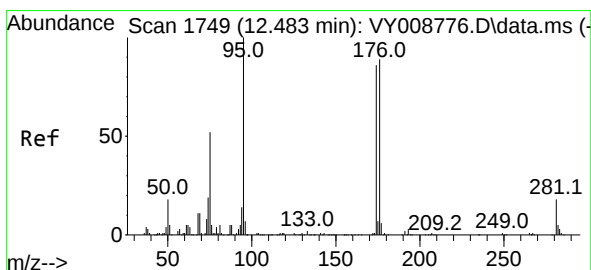
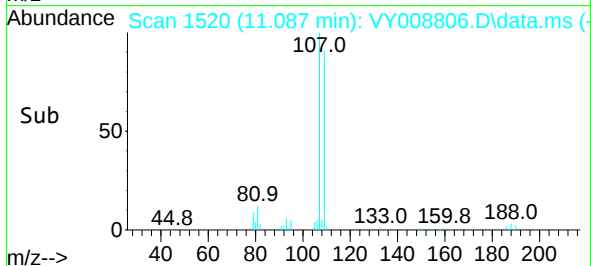
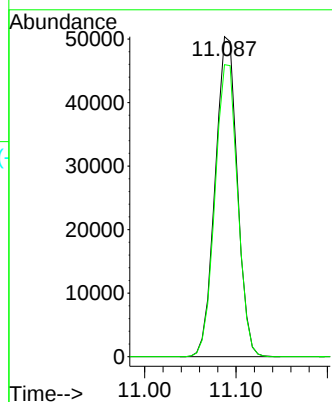
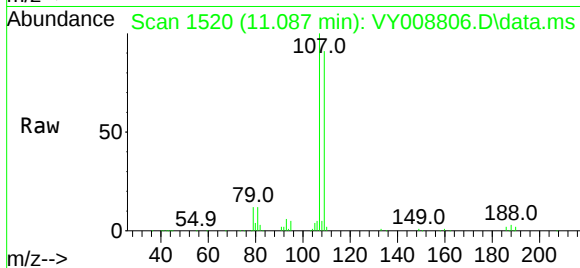




#61
1,2-Dibromoethane
Concen: 56.144 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

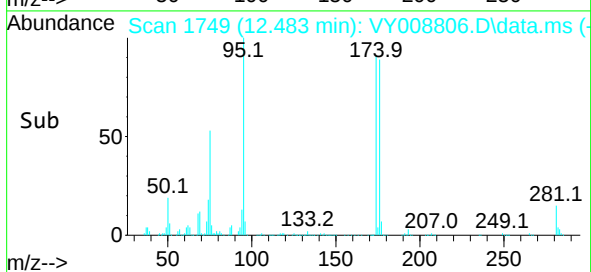
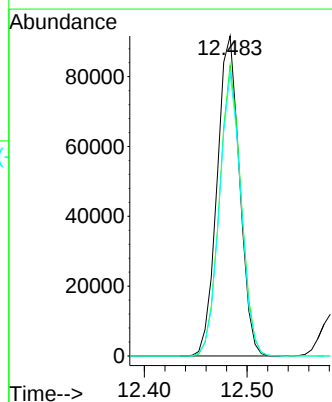
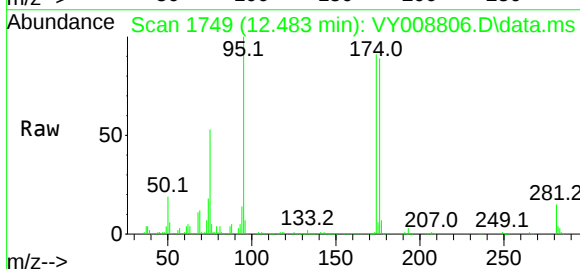
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

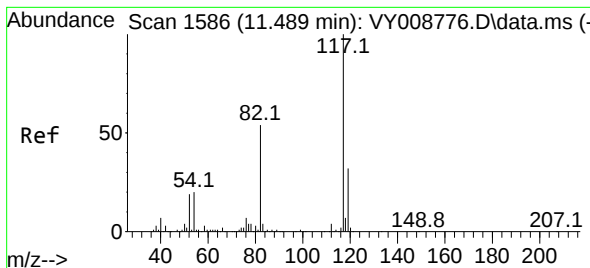
Tgt Ion:107 Resp: 84773
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 95 Resp: 138770
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 85.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

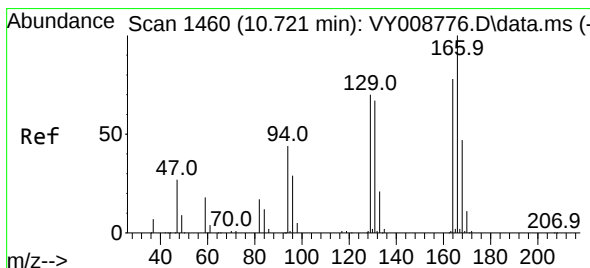
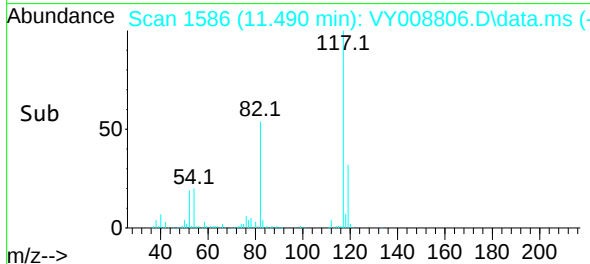
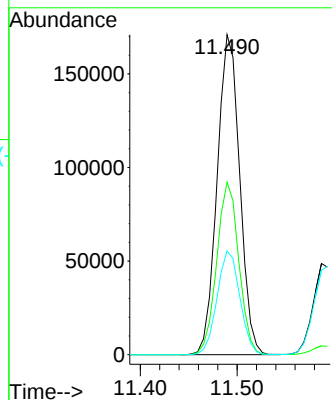
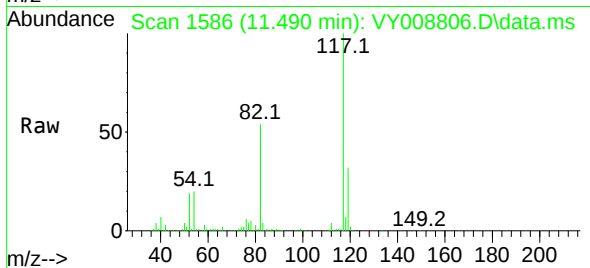
Tgt Ion:117 Resp: 276831

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 50.181 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Tgt Ion:164 Resp: 88923

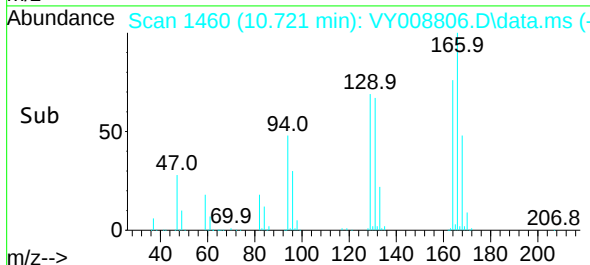
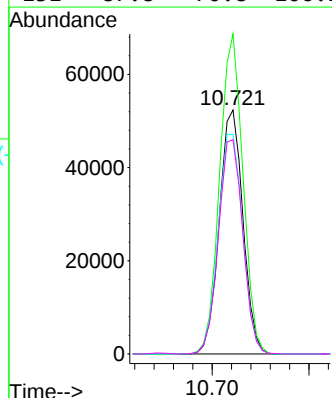
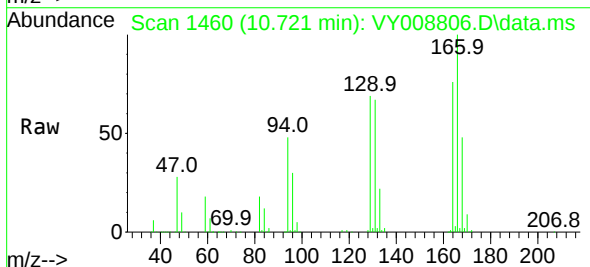
Ion Ratio Lower Upper

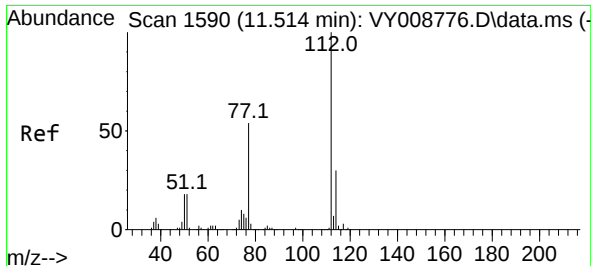
164 100

166 131.1 100.4 150.6

129 89.9 71.4 107.0

131 87.8 70.8 106.2

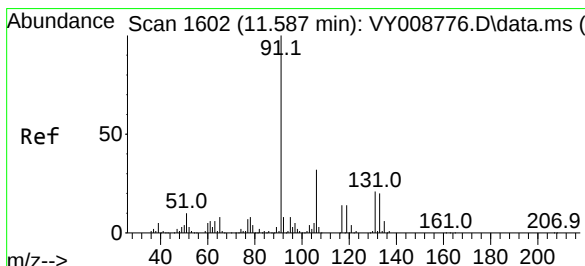
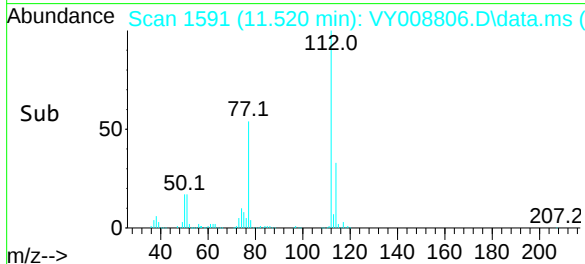
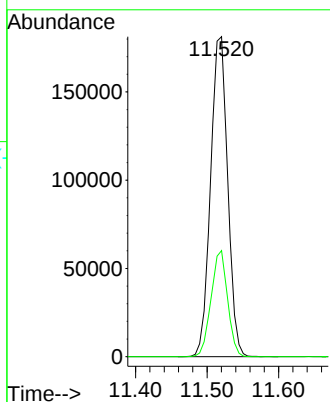
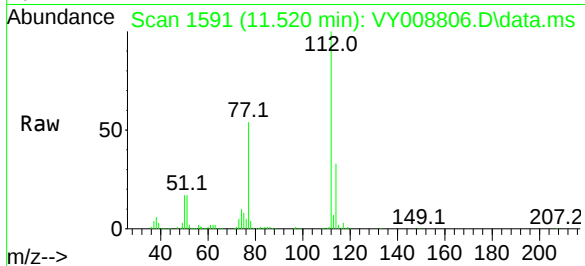




#65
Chlorobenzene
Concen: 53.768 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

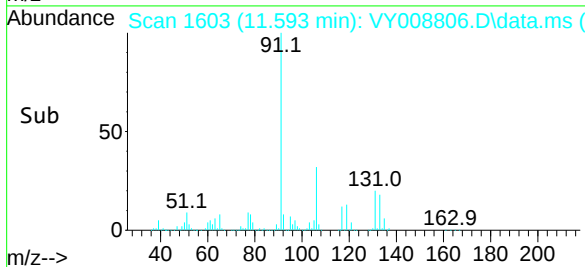
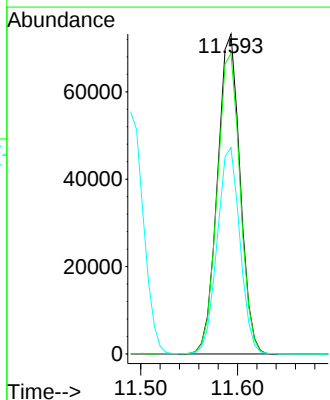
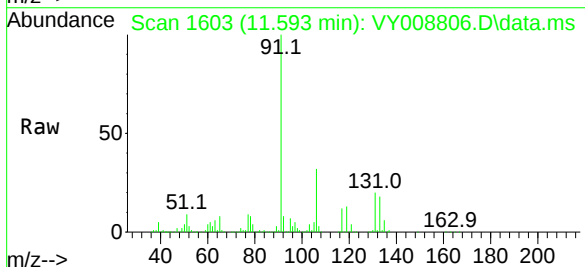
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

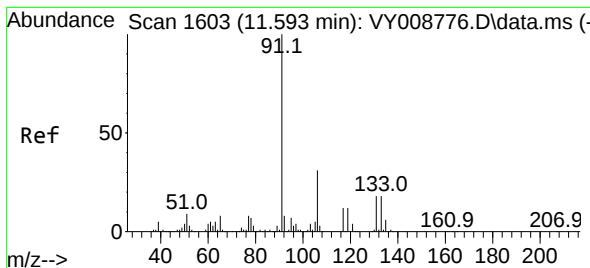
Tgt Ion:112 Resp: 301248
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.941 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:131 Resp: 118598
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 56.572 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

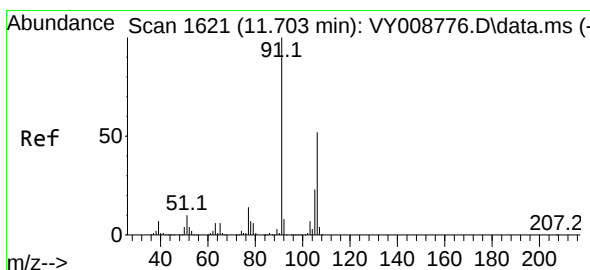
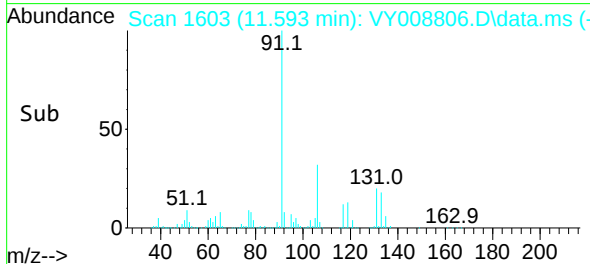
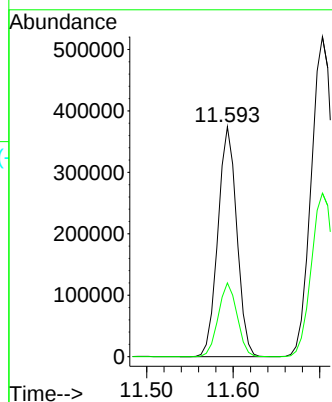
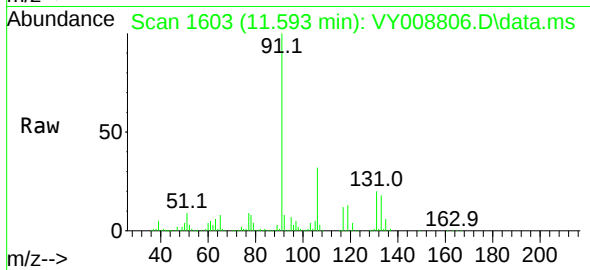
VSTDCCC050

Tgt Ion: 91 Resp: 566037

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 120.336 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008806.D

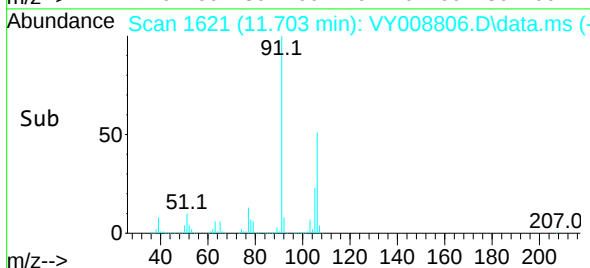
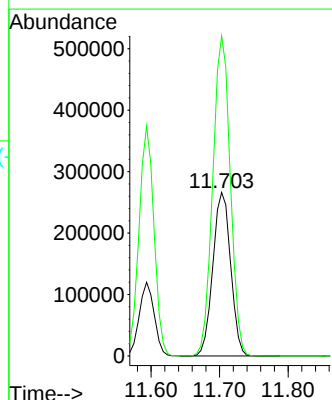
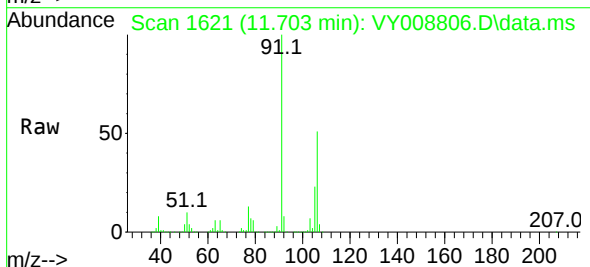
Acq: 18 May 2022 11:11

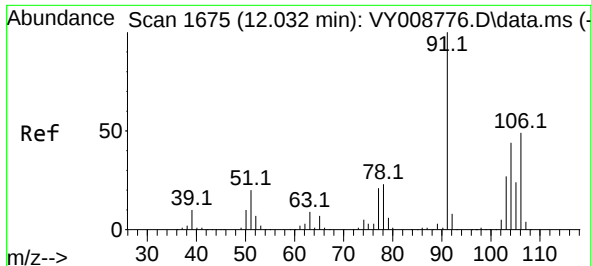
Tgt Ion: 106 Resp: 479666

Ion Ratio Lower Upper

106 100

91 193.0 166.6 249.8

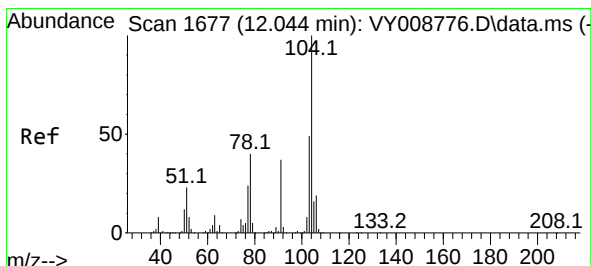
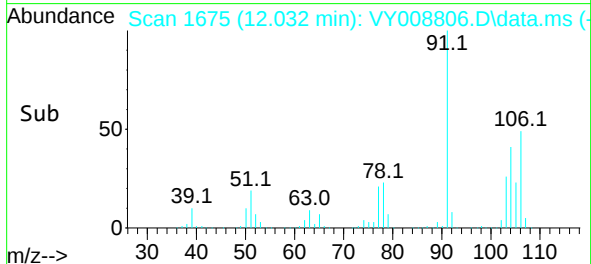
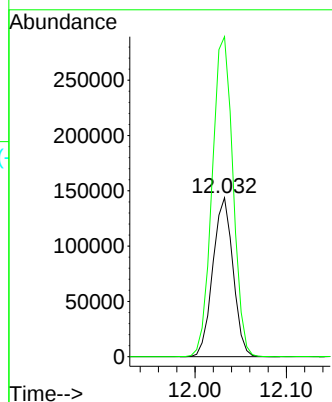
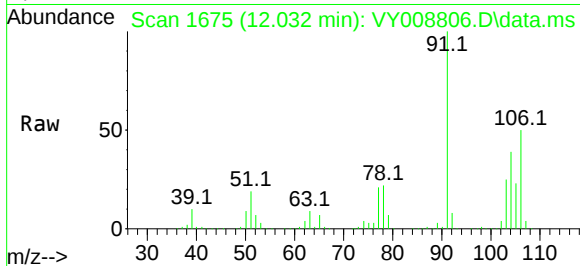




#69
o-Xylene
Concen: 59.810 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

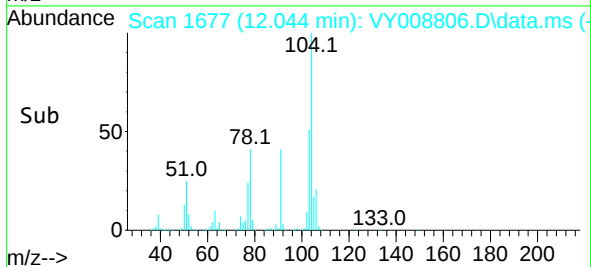
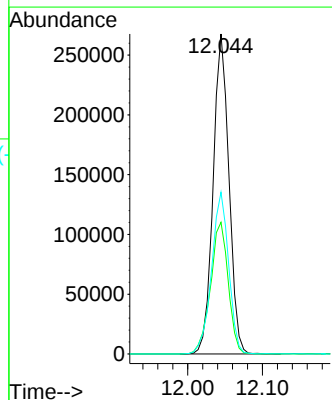
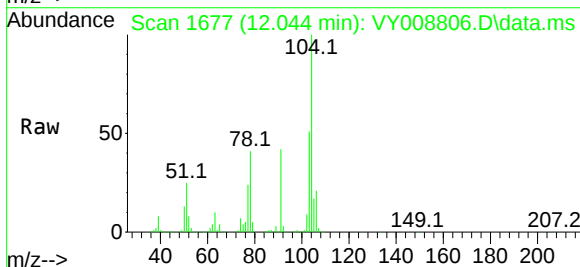
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

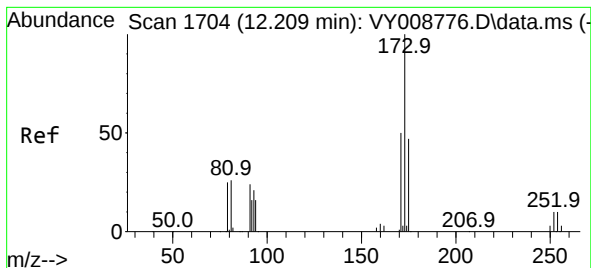
Tgt Ion:106 Resp: 220284
Ion Ratio Lower Upper
106 100
91 207.7 110.3 331.0



#70
Styrene
Concen: 63.327 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:104 Resp: 394826
Ion Ratio Lower Upper
104 100
78 46.0 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 56.059 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

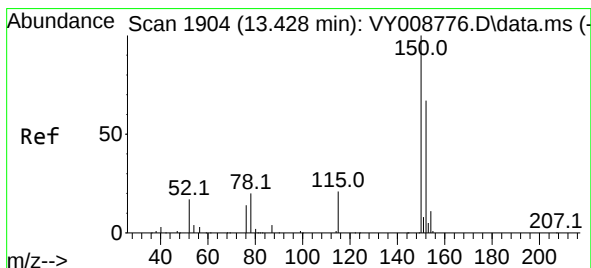
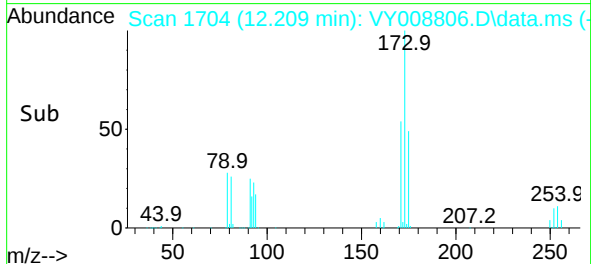
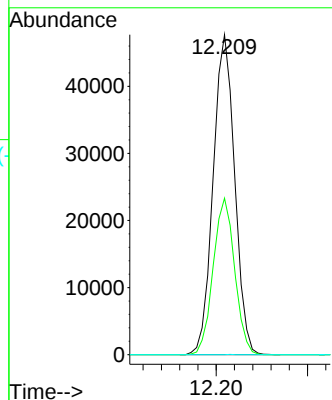
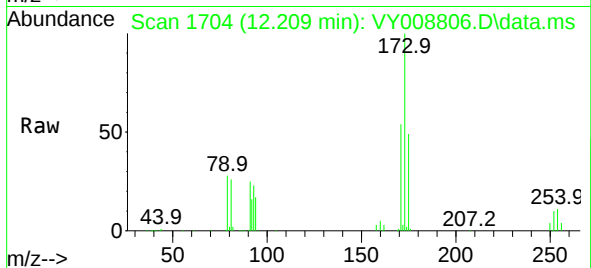
Tgt Ion:173 Resp: 77895

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

254 0.0 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: VY008806.D

Acq: 18 May 2022 11:11

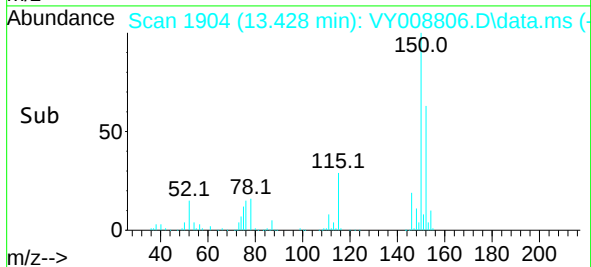
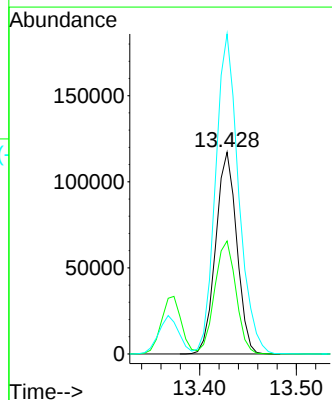
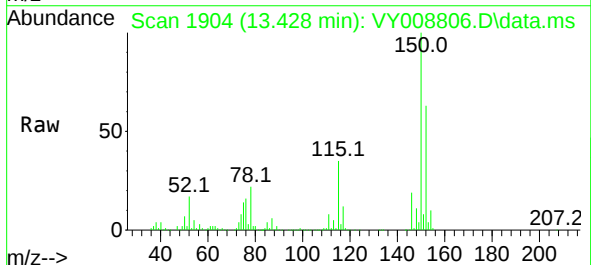
Tgt Ion:152 Resp: 176887

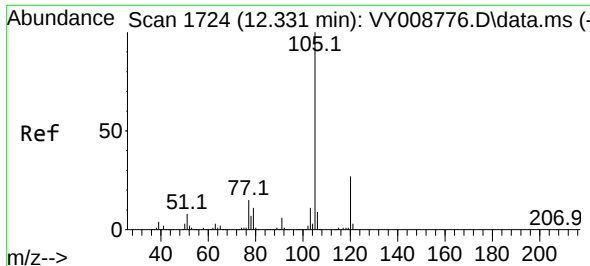
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 173.9 0.0 347.6

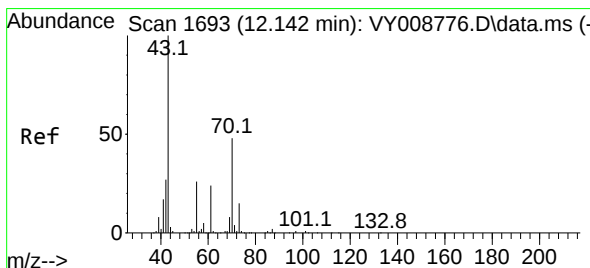
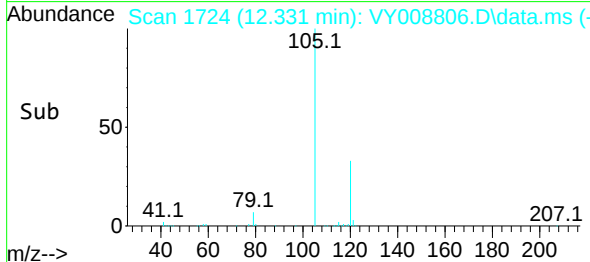
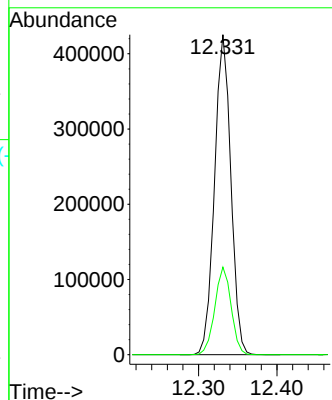
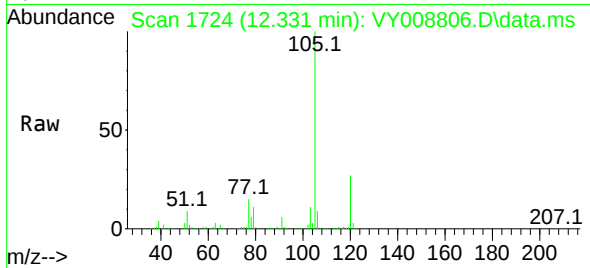




#73
Isopropylbenzene
Concen: 50.720 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

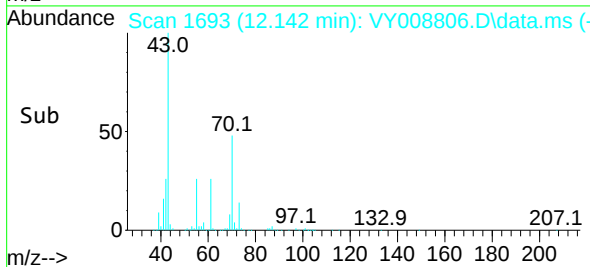
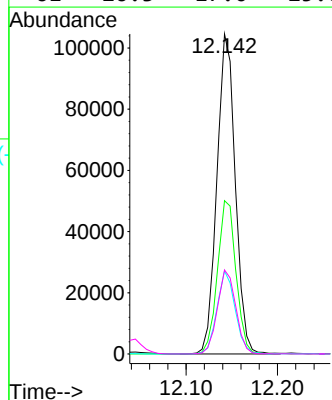
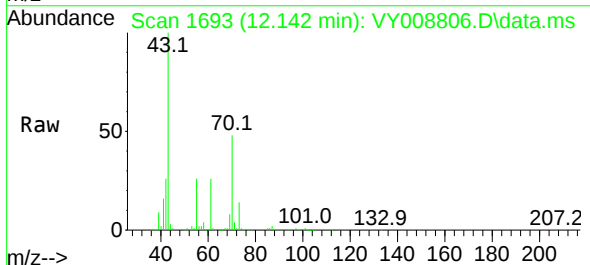
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

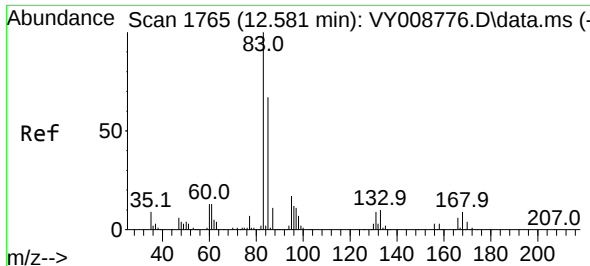
Tgt Ion:105 Resp: 615316
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 50.543 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 43 Resp: 146358
Ion Ratio Lower Upper
43 100
70 48.5 28.7 43.1#
55 25.7 17.3 25.9
61 26.3 17.0 25.6#

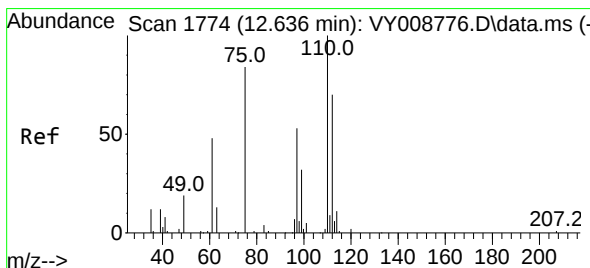
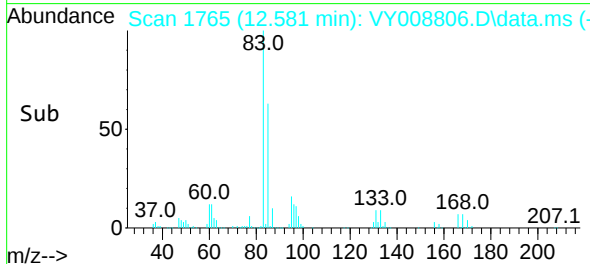
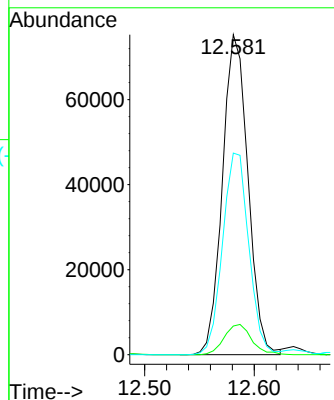
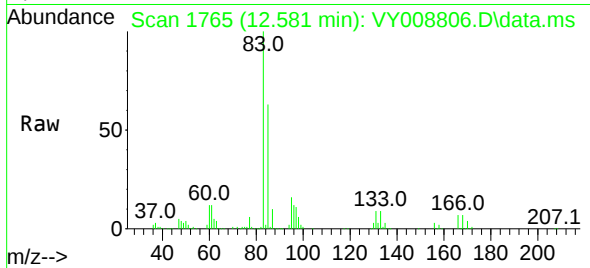




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.246 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

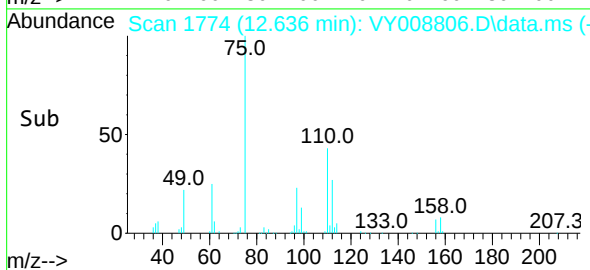
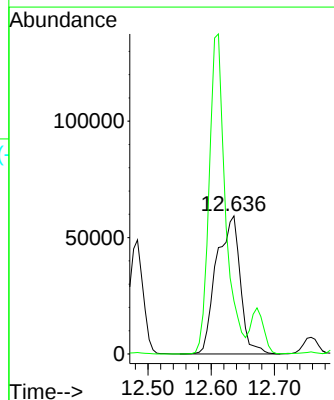
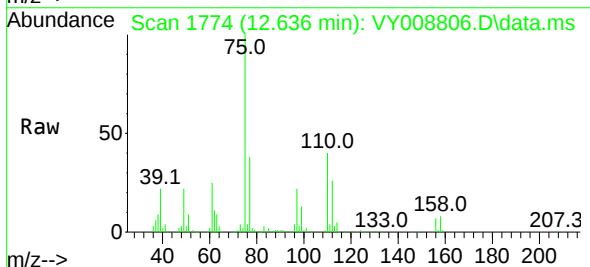
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

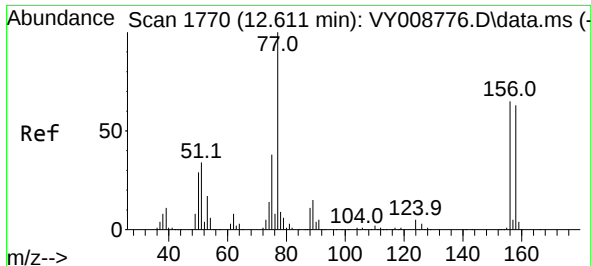
Tgt Ion: 83 Resp: 122029
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.6 16.8
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 76.088 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

Tgt Ion: 75 Resp: 155470
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

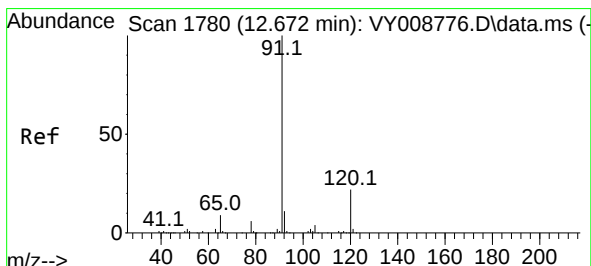
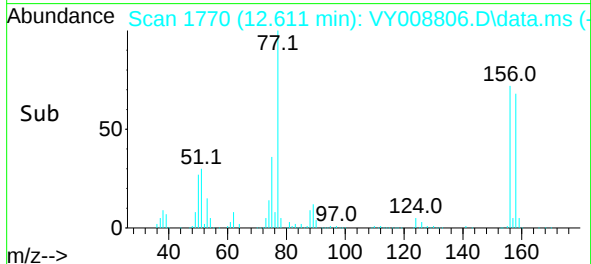
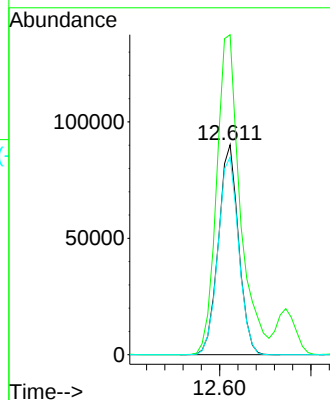
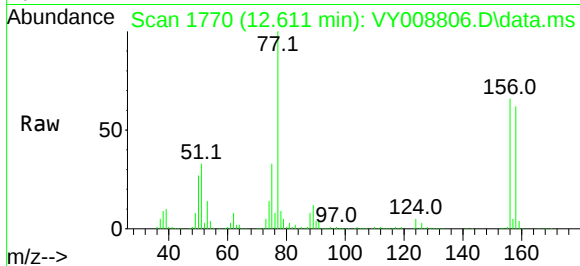




#77
Bromobenzene
Concen: 49.150 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

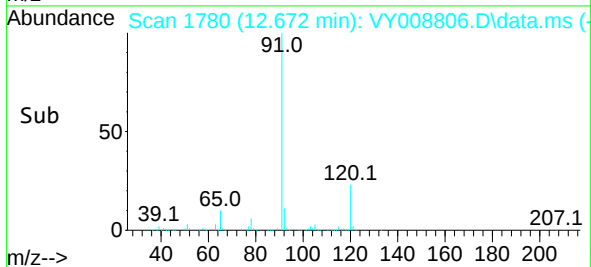
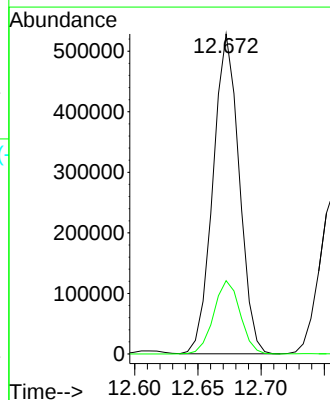
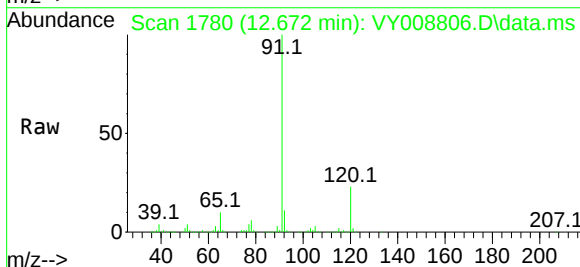
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

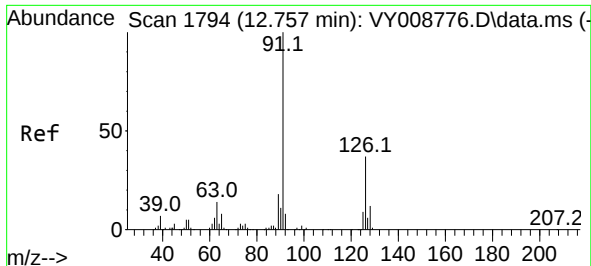
Tgt Ion:156 Resp: 138162
Ion Ratio Lower Upper
156 100
77 178.4 95.5 286.4
158 96.4 48.0 144.0



#78
n-propylbenzene
Concen: 51.003 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 91 Resp: 760129
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.588 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

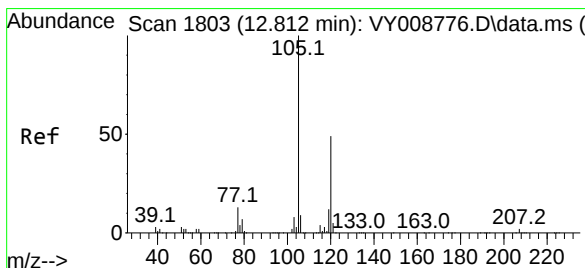
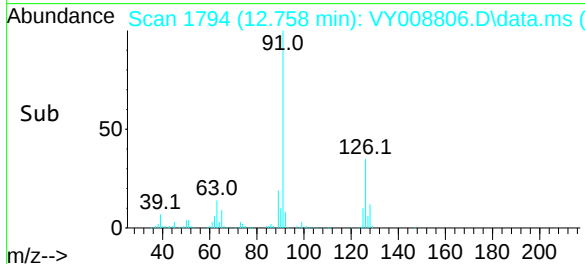
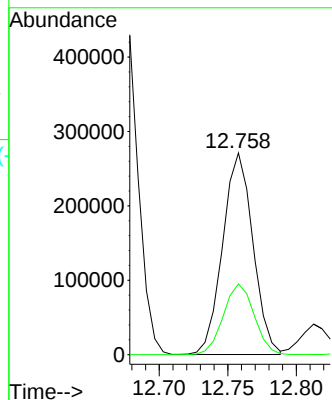
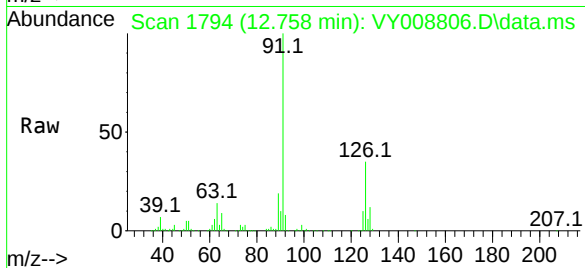
VSTDCCC050

Tgt Ion: 91 Resp: 416437

Ion Ratio Lower Upper

91 100

126 35.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 54.416 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008806.D

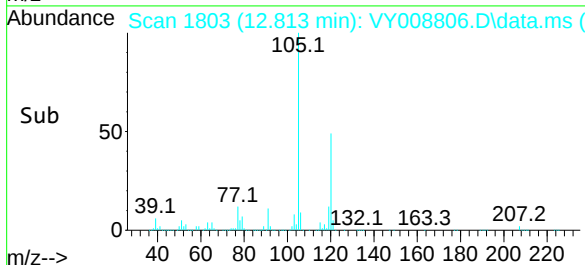
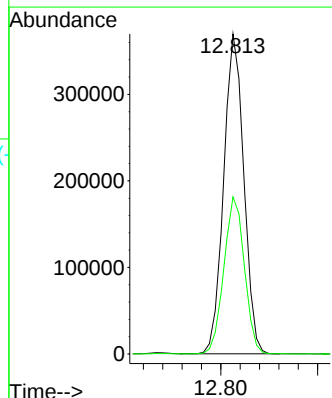
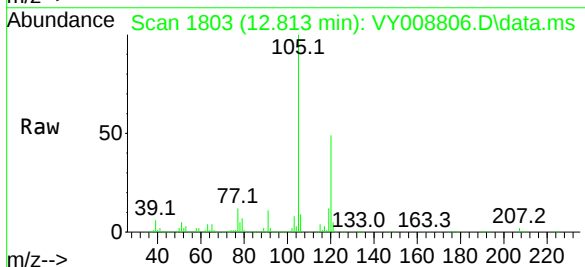
Acq: 18 May 2022 11:11

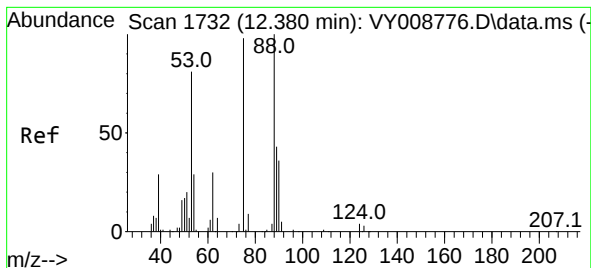
Tgt Ion: 105 Resp: 533008

Ion Ratio Lower Upper

105 100

120 50.0 24.4 73.4

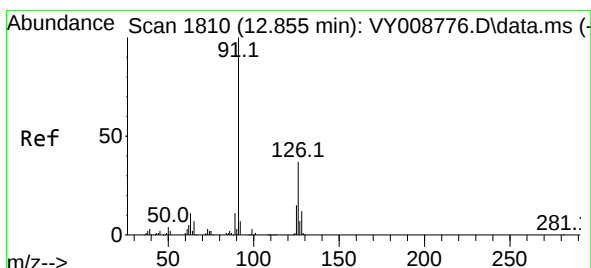
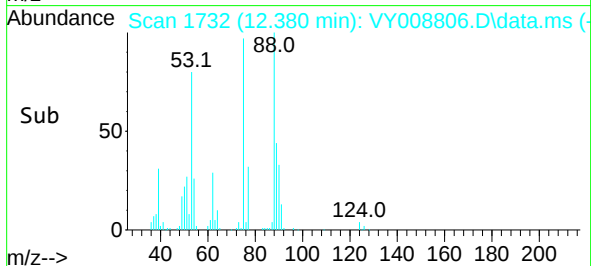
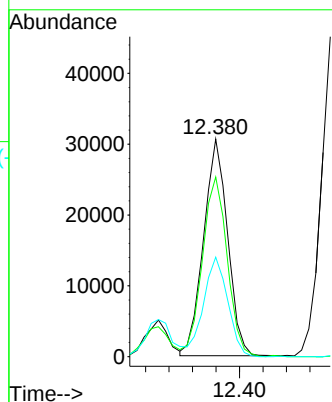
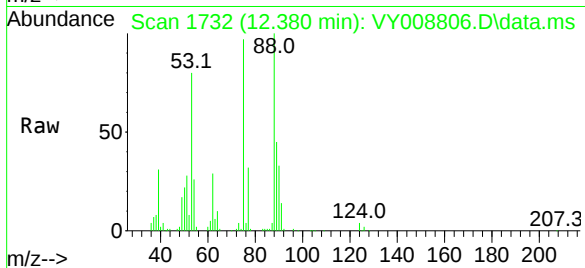




#81
trans-1,4-Dichloro-2-butene
Concen: 46.584 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

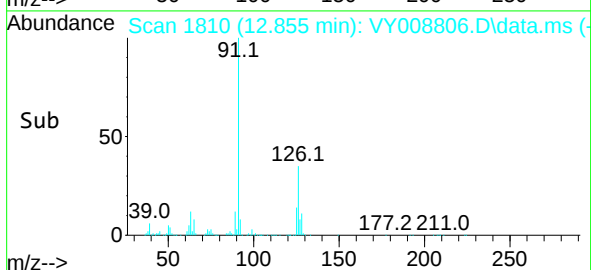
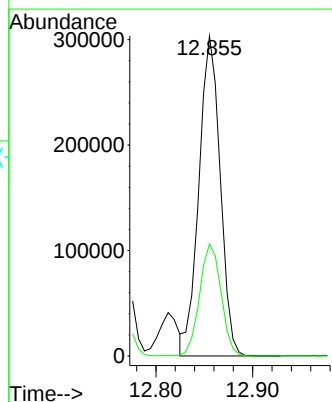
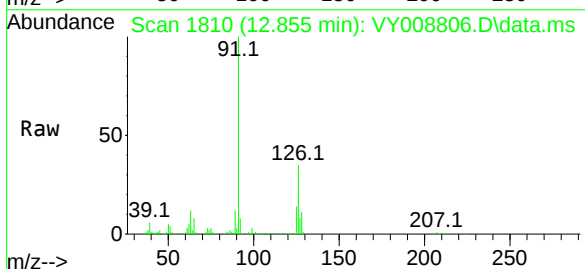
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

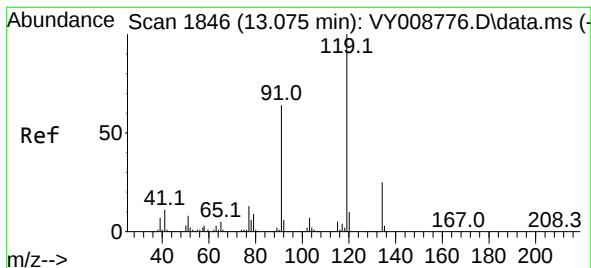
Tgt Ion: 75 Resp: 43517
Ion Ratio Lower Upper
75 100
53 85.6 85.3 127.9
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 54.240 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 91 Resp: 462552
Ion Ratio Lower Upper
91 100
126 35.4 17.0 51.0

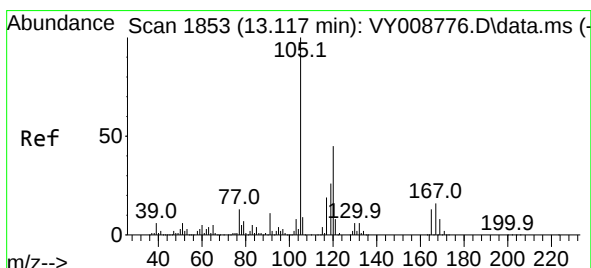
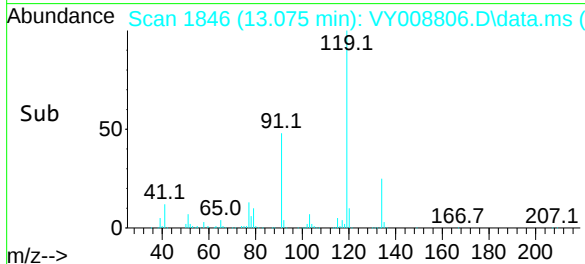
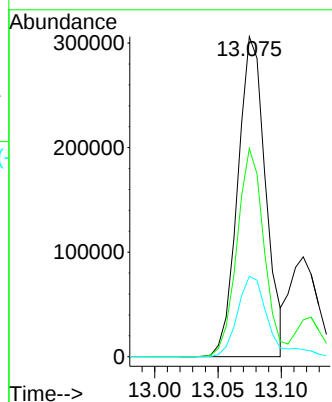
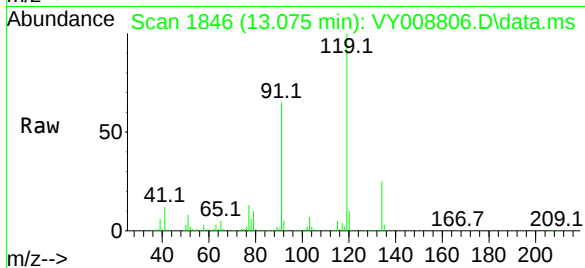




#83
tert-Butylbenzene
Concen: 53.225 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

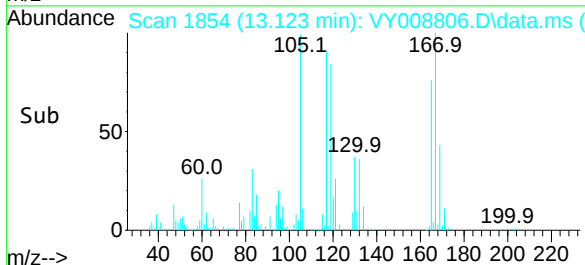
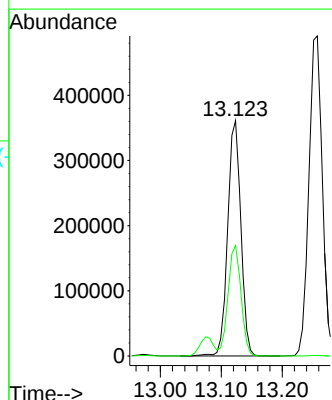
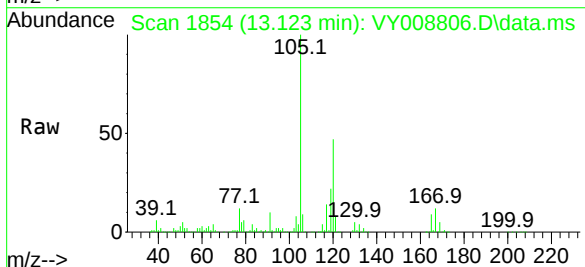
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

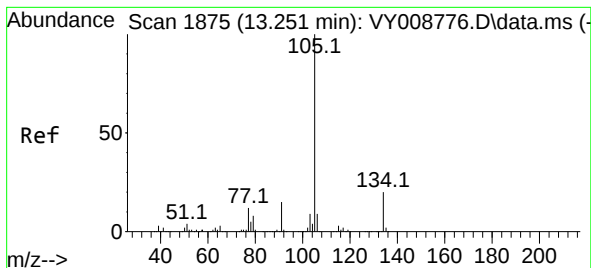
Tgt Ion:119 Resp: 468852
Ion Ratio Lower Upper
119 100
91 63.4 34.8 104.4
134 27.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 55.752 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:105 Resp: 540612
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.406 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

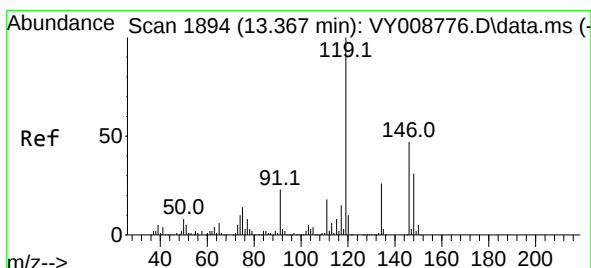
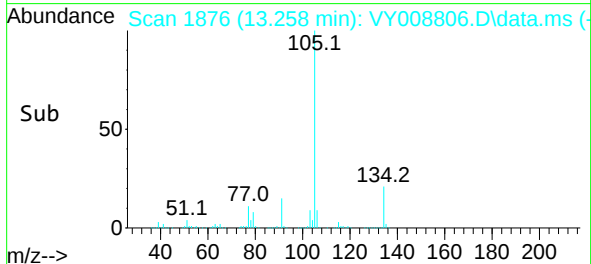
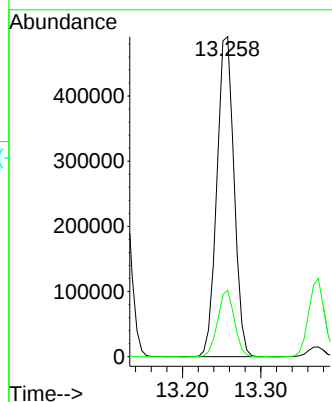
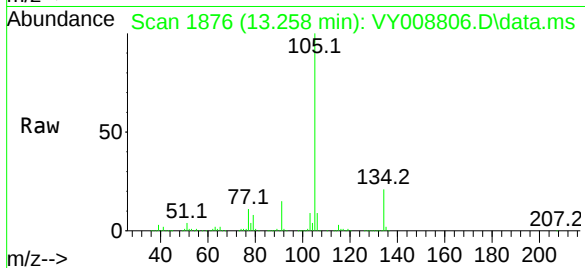
VSTDCCC050

Tgt Ion:105 Resp: 747725

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 56.403 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

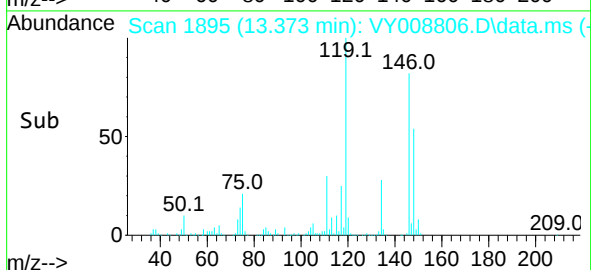
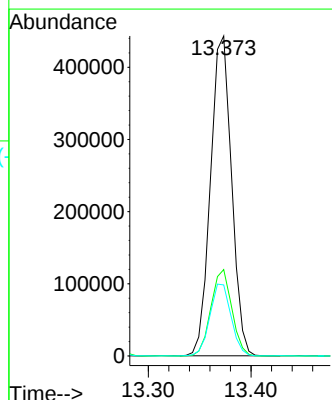
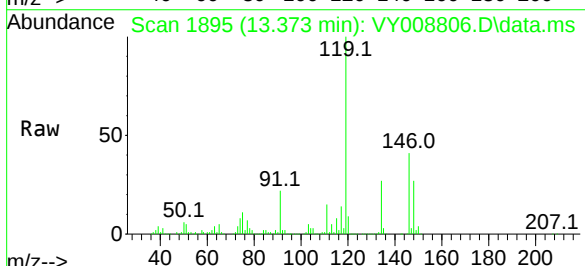
Tgt Ion:119 Resp: 632068

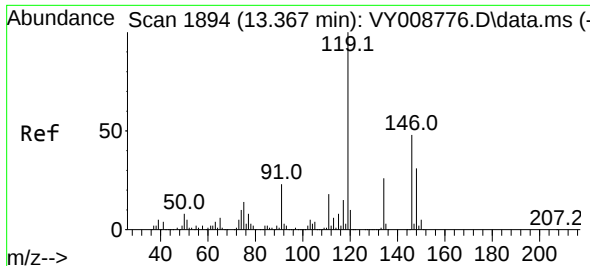
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.6 12.4 37.2

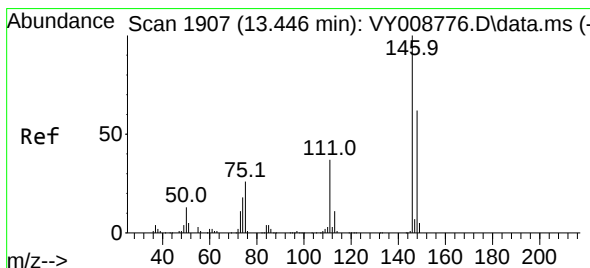
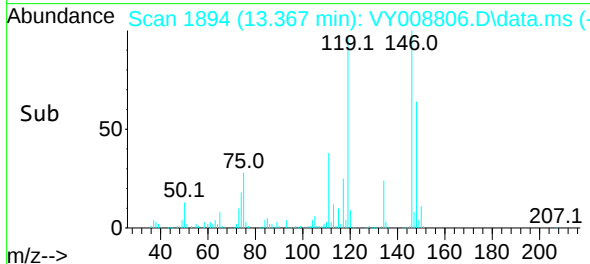
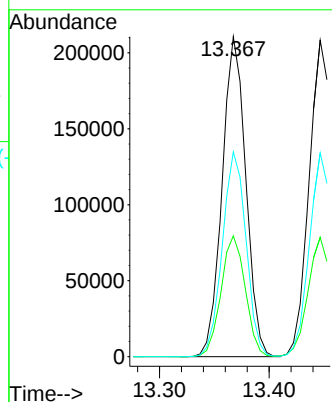
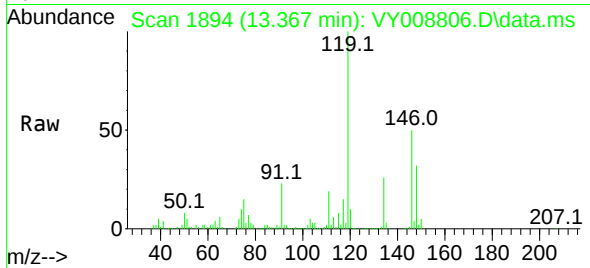




#87
1,3-Dichlorobenzene
Concen: 53.493 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

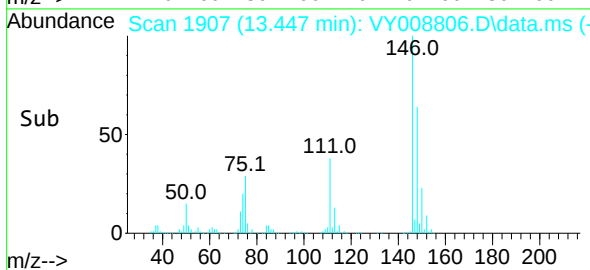
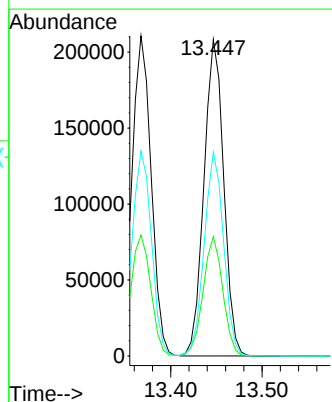
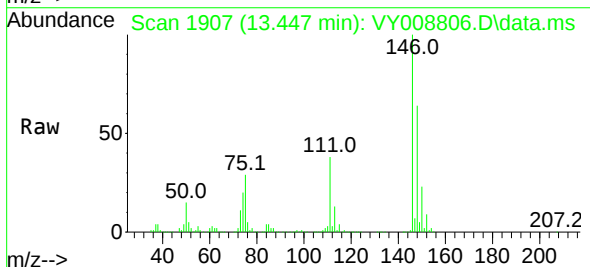
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

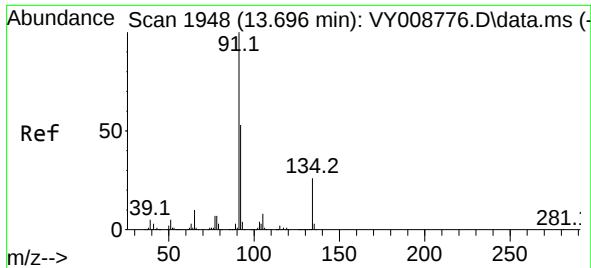
Tgt Ion:146 Resp: 315952
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 64.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 53.646 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion:146 Resp: 313413
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.8
148 63.4 32.6 97.8

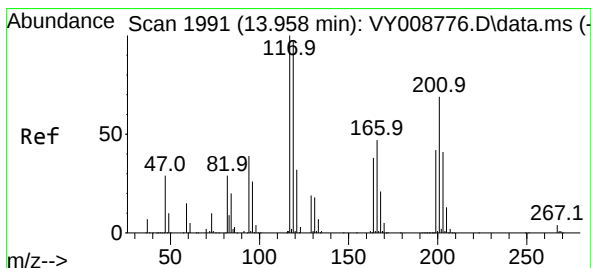
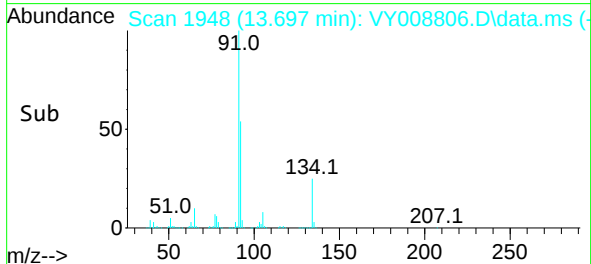
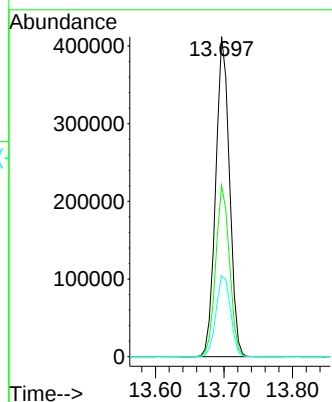
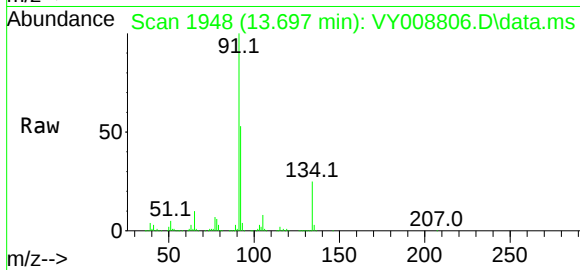




#89
n-Butylbenzene
Concen: 54.072 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

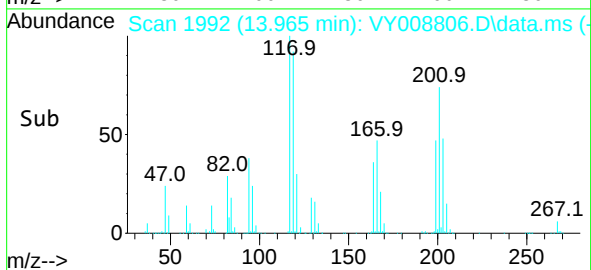
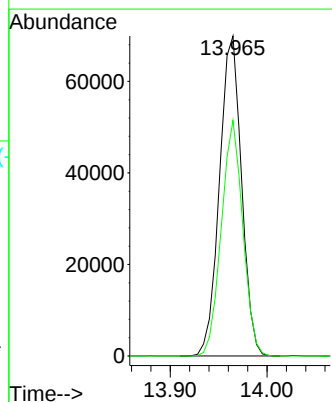
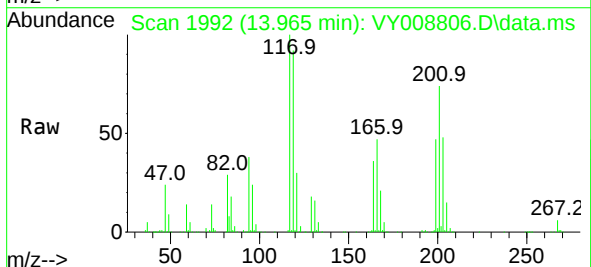
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

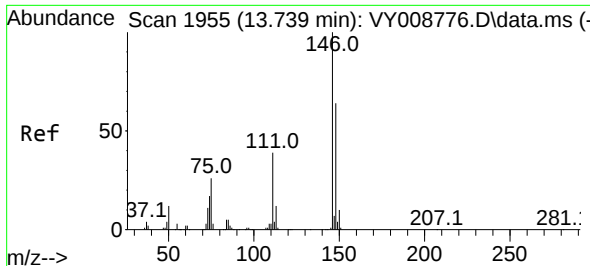
Tgt Ion: 91 Resp: 575168
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 52.154 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008806.D
Acq: 18 May 2022 11:11

Tgt Ion: 117 Resp: 110502
Ion Ratio Lower Upper
117 100
201 71.6 43.0 128.8

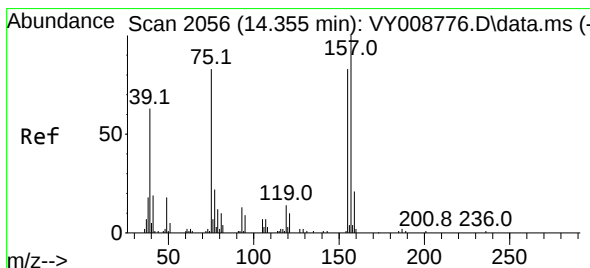
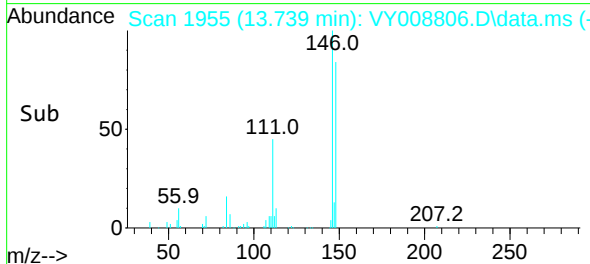
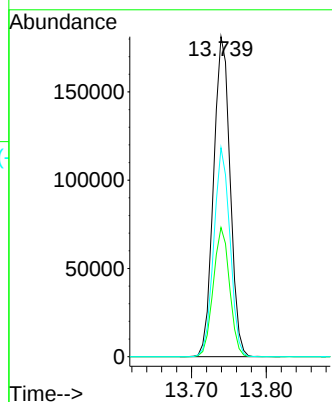
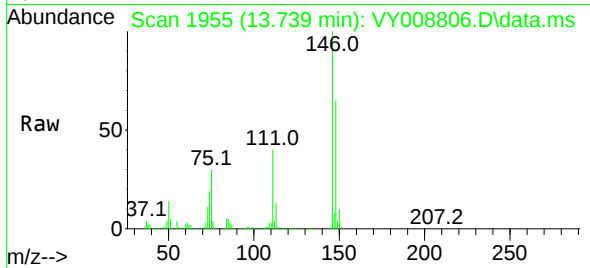




#91
 1,2-Dichlorobenzene
 Concen: 54.032 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

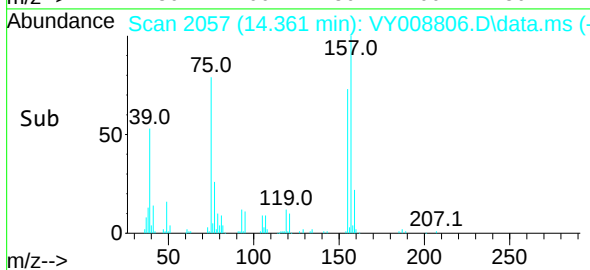
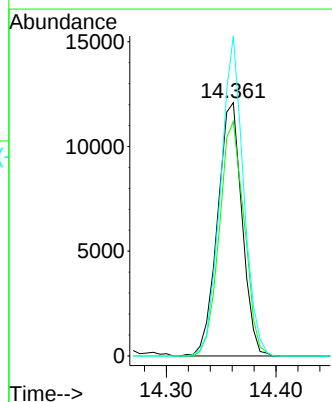
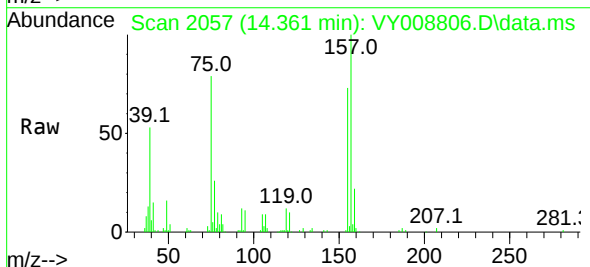
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

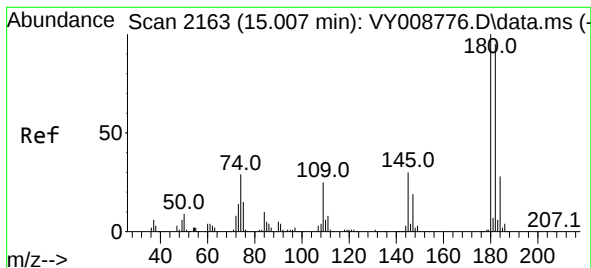
Tgt Ion:146 Resp: 279082
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 63.6 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.764 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY008806.D
 Acq: 18 May 2022 11:11

Tgt Ion: 75 Resp: 18798
 Ion Ratio Lower Upper
 75 100
 155 93.4 38.0 113.9
 157 118.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.177 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

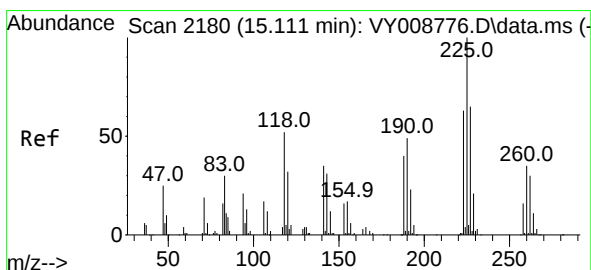
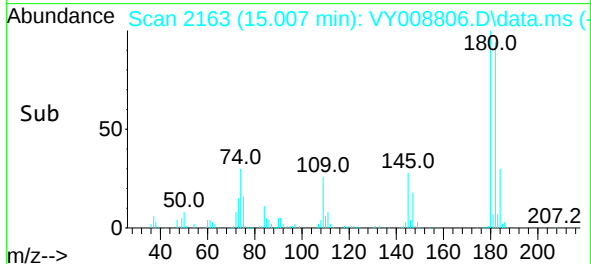
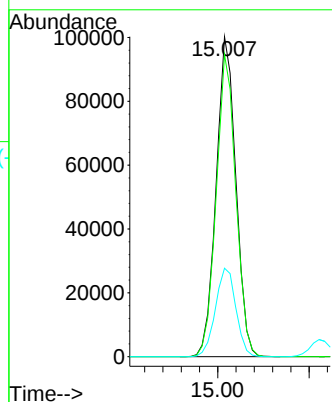
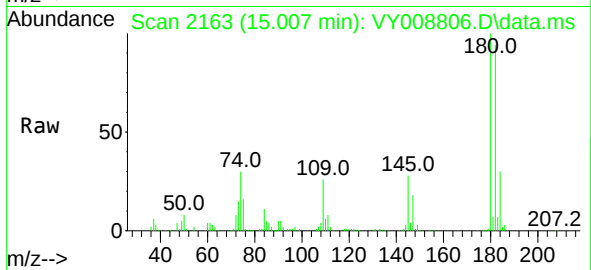
Tgt Ion:180 Resp: 149989

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.544 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

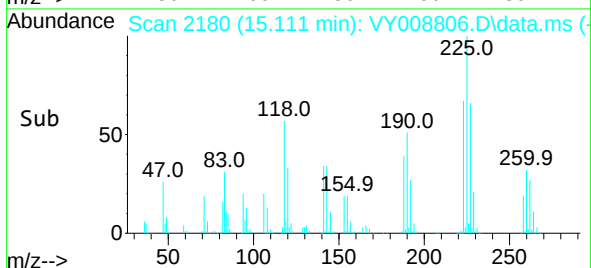
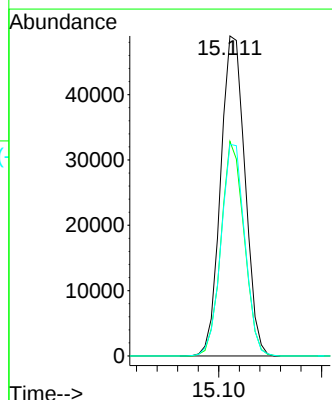
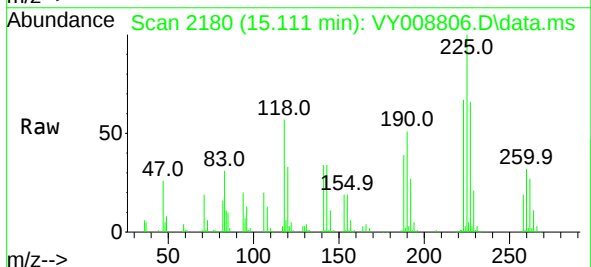
Tgt Ion:225 Resp: 80412

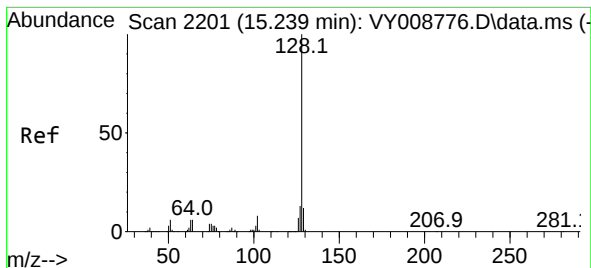
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 64.5 31.6 94.7





#95

Naphthalene

Concen: 49.768 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

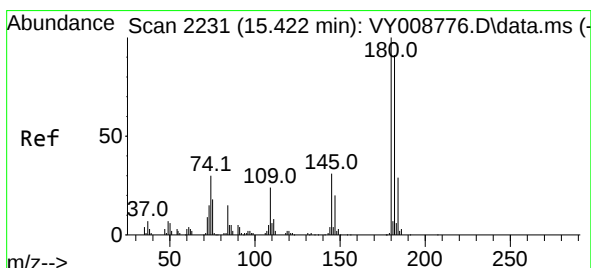
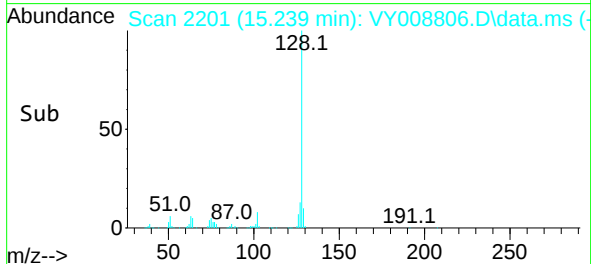
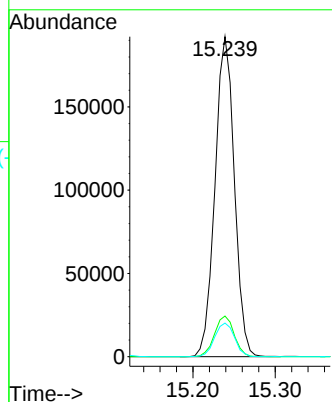
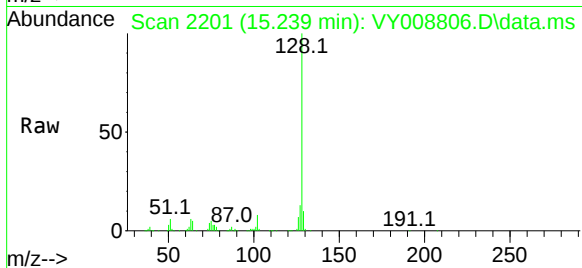
Tgt Ion:128 Resp: 313807

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.957 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008806.D

Acq: 18 May 2022 11:11

Tgt Ion:180 Resp: 131216

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 32.0 15.3 45.9

