

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009107.D
 Acq On : 26 May 2022 10:35
 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 27 03:21:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50821	46.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.680%
35) Dibromofluoromethane	7.716	113	54177	51.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.780%
50) Toluene-d8	10.179	98	177658	45.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.483	95	89952	57.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47773	49.013	ug/l	98
3) Chloromethane	2.113	50	74769	53.545	ug/l	100
4) Vinyl Chloride	2.253	62	106114	51.293	ug/l	99
5) Bromomethane	2.643	94	84482	41.660	ug/l	99
6) Chloroethane	2.790	64	73179	49.931	ug/l	98
7) Trichlorofluoromethane	3.125	101	82878	47.174	ug/l	91
8) Diethyl Ether	3.527	74	25227	45.922	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	52044	48.199	ug/l	94
10) Methyl Iodide	4.088	142	57072	51.187	ug/l	92
11) Tert butyl alcohol	4.948	59	23205	208.584	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	47424	47.312	ug/l	80
13) Acrolein	3.722	56	4718	128.841	ug/l	94
14) Allyl chloride	4.472	41	71509	47.338	ug/l #	87
15) Acrylonitrile	5.161	53	69377	225.554	ug/l	98
16) Acetone	3.948	43	59528	260.739	ug/l	90
17) Carbon Disulfide	4.192	76	152478	46.562	ug/l	100
18) Methyl Acetate	4.478	43	31318	44.052	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	137520	45.709	ug/l	93
20) Methylene Chloride	4.716	84	58425	45.001	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	59356	46.135	ug/l	83
22) Diisopropyl ether	6.112	45	170460	46.970	ug/l #	92
23) Vinyl Acetate	6.057	43	569547	237.252	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	101179	46.612	ug/l	98
25) 2-Butanone	6.984	43	97234	238.449	ug/l	93
26) 2,2-Dichloropropane	6.978	77	96726	48.374	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	66043	45.537	ug/l	90
28) Bromochloromethane	7.325	49	34363	46.122	ug/l #	92
29) Tetrahydrofuran	7.344	42	62309	224.947	ug/l #	87
30) Chloroform	7.502	83	107429	45.849	ug/l	98
31) Cyclohexane	7.783	56	95367	44.446	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	98086	46.141	ug/l	100
36) 1,1-Dichloropropene	7.917	75	86707	48.330	ug/l	98
37) Ethyl Acetate	7.075	43	43677	46.933	ug/l	98
38) Carbon Tetrachloride	7.899	117	88940	47.390	ug/l	98
39) Methylcyclohexane	9.185	83	110216	47.594	ug/l	90
40) Benzene	8.161	78	247342	47.810	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	58800	122.440	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	74114	48.787	ug/l	95
43) Isopropyl Acetate	8.270	43	84540	48.855	ug/l #	94
44) Trichloroethene	8.935	130	63582	46.416	ug/l	99
45) 1,2-Dichloropropane	9.215	63	60946	49.063	ug/l	93
46) Dibromomethane	9.301	93	37669	47.690	ug/l	92
47) Bromodichloromethane	9.496	83	87374	48.402	ug/l	95
48) Methyl methacrylate	9.295	41	39401	50.992	ug/l	88
49) 1,4-Dioxane	9.289	88	9629	911.943	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	236280	246.722	ug/l	93
52) Toluene	10.246	92	172889	47.820	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	93540	48.796	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	100973	48.997	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	51456	46.564	ug/l	96
56) Ethyl methacrylate	10.508	69	68833	48.720	ug/l	88
57) 1,3-Dichloropropane	10.788	76	87863	48.741	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	155218	253.944	ug/l	96
59) 2-Hexanone	10.831	43	168998	257.739	ug/l	92
60) Dibromochloromethane	10.983	129	62573	46.711	ug/l	100
61) 1,2-Dibromoethane	11.087	107	50969	46.545	ug/l	99
64) Tetrachloroethene	10.715	164	57022	45.334	ug/l	97
65) Chlorobenzene	11.514	112	178959	45.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	67953	46.789	ug/l	95
67) Ethyl Benzene	11.593	91	343557	48.064	ug/l	99
68) m/p-Xylenes	11.703	106	287598	99.114	ug/l	91
69) o-Xylene	12.032	106	132025	48.996	ug/l	90
70) Styrene	12.044	104	229012	49.421	ug/l	96
71) Bromoform	12.209	173	44674	46.402	ug/l #	99
73) Isopropylbenzene	12.331	105	362682	43.292	ug/l	99
74) N-amyl acetate	12.142	43	91849	47.519	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	71468	41.413	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	92507	76.888	ug/l #	100
77) Bromobenzene	12.611	156	80147	41.271	ug/l	94
78) n-propylbenzene	12.672	91	461814	47.713	ug/l	99
79) 2-Chlorotoluene	12.757	91	246426	44.138	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	319511	45.502	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	25493	43.490	ug/l	86
82) 4-Chlorotoluene	12.855	91	276463	46.297	ug/l	98
83) tert-Butylbenzene	13.074	119	276754	44.425	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	325423	46.685	ug/l	97
85) sec-Butylbenzene	13.251	105	444164	46.600	ug/l	99
86) p-Isopropyltoluene	13.367	119	378544	47.626	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	187791	45.332	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	185631	44.603	ug/l	99
89) n-Butylbenzene	13.696	91	348484	47.924	ug/l	99
90) Hexachloroethane	13.958	117	67620	45.397	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	164526	44.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10654	39.765	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	81417	40.568	ug/l	99
94) Hexachlorobutadiene	15.111	225	44906	41.054	ug/l	99
95) Naphthalene	15.239	128	161858	40.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70083	40.186	ug/l	99

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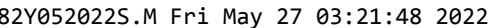
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

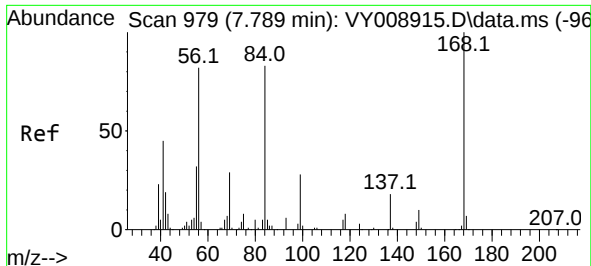
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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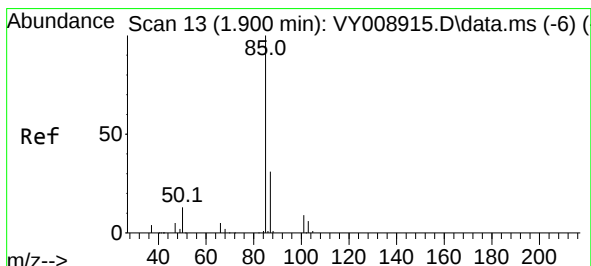
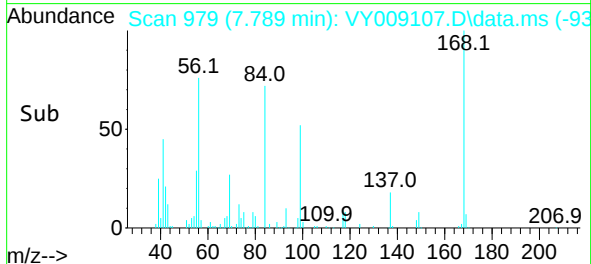
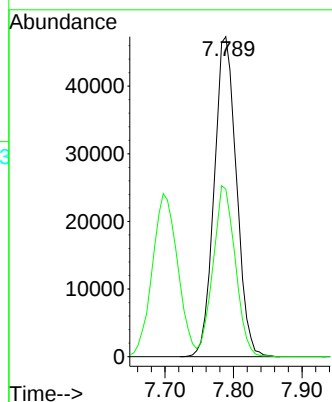
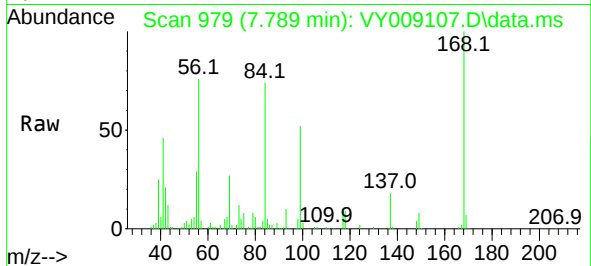




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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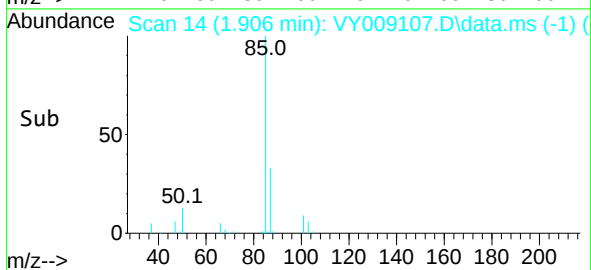
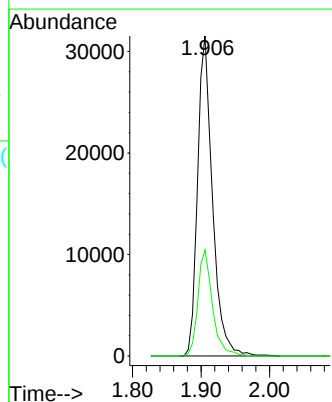
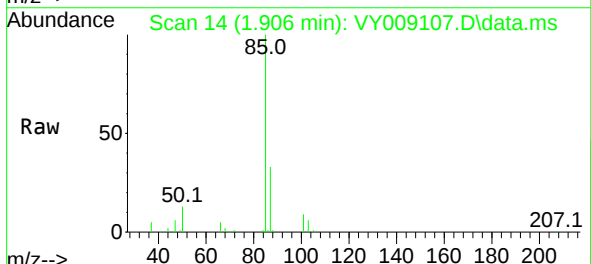
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 106569
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.013 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 85 Resp: 47773
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

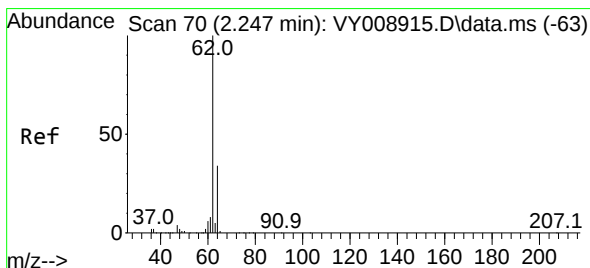
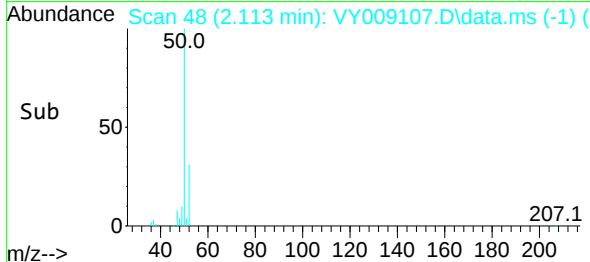
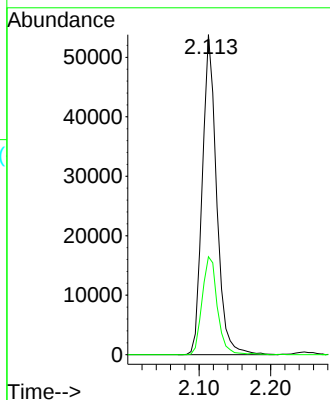
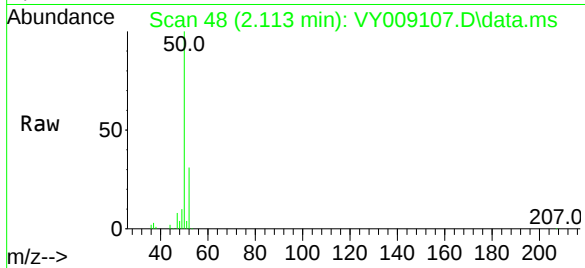




#3
Chloromethane
Concen: 53.545 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009107.D
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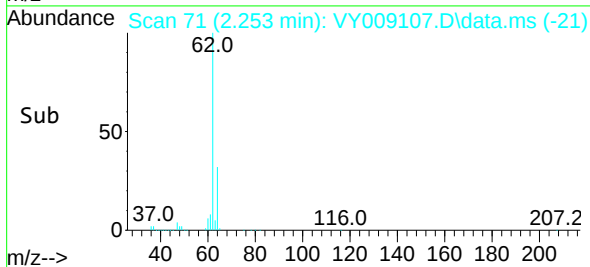
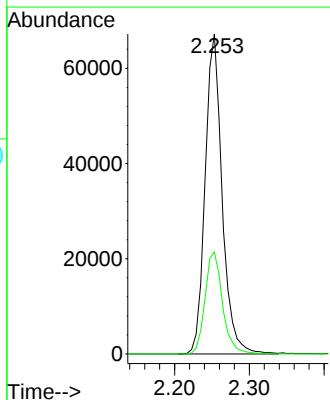
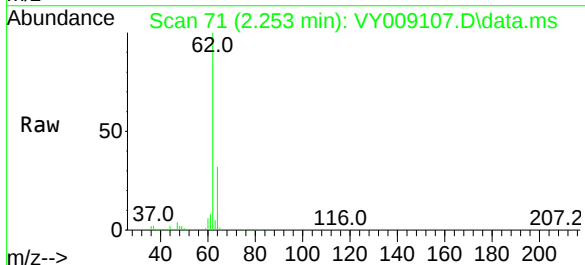
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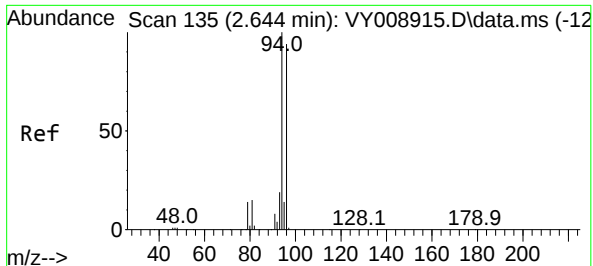
Tgt Ion: 50 Resp: 74769
Ion Ratio Lower Upper
50 100
52 30.6 24.6 37.0



#4
Vinyl Chloride
Concen: 51.293 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 62 Resp: 106114
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

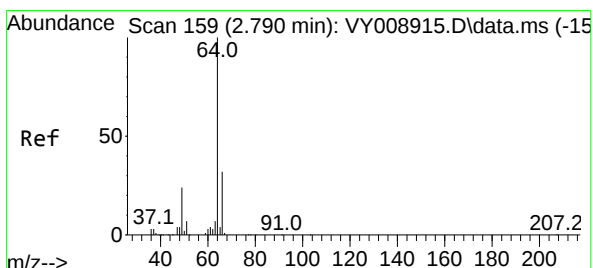
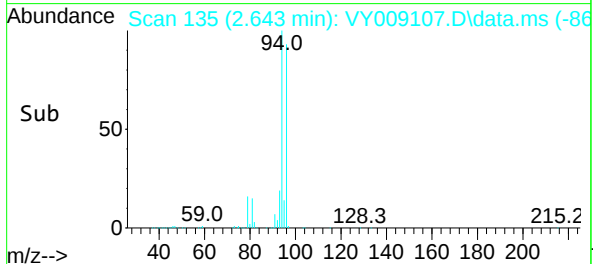
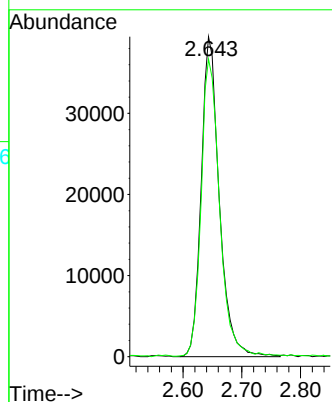
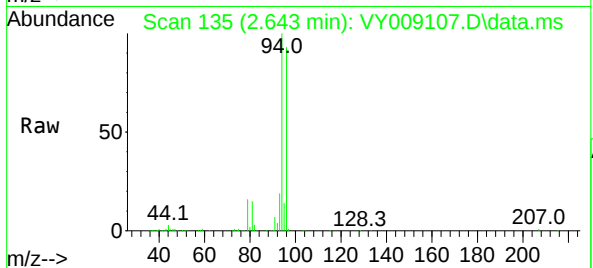




#5
Bromomethane
Concen: 41.660 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009107.D
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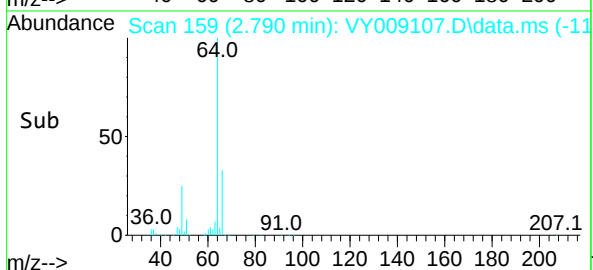
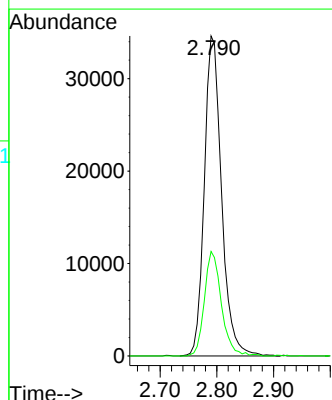
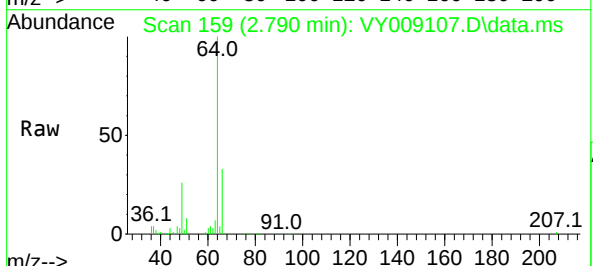
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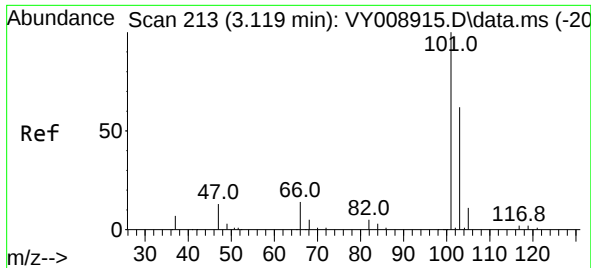
Tgt Ion: 94 Resp: 84482
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 49.931 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009107.D
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Tgt Ion: 64 Resp: 73179
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

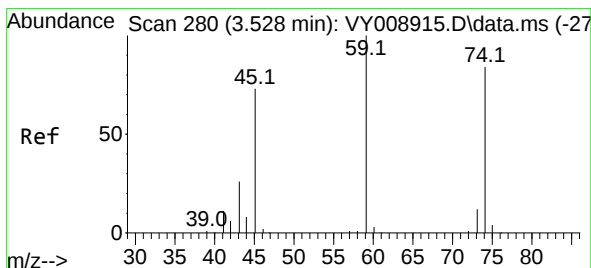
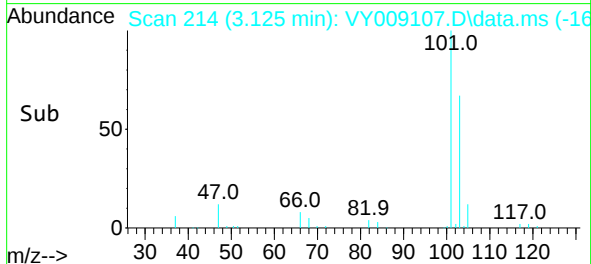
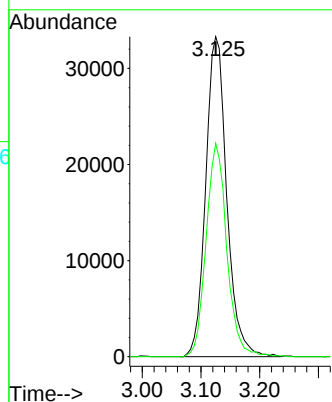
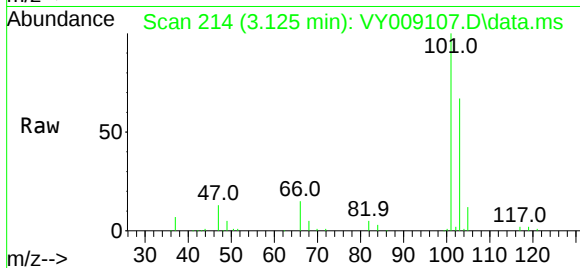




#7
 Trichlorofluoromethane
 Concen: 47.174 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY009107.D
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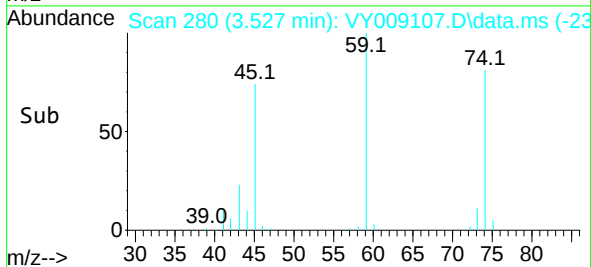
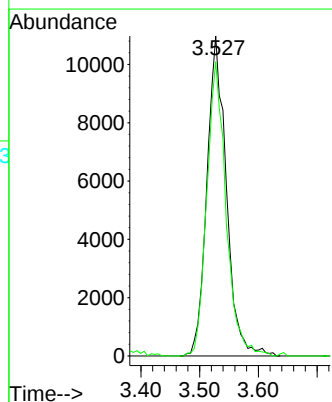
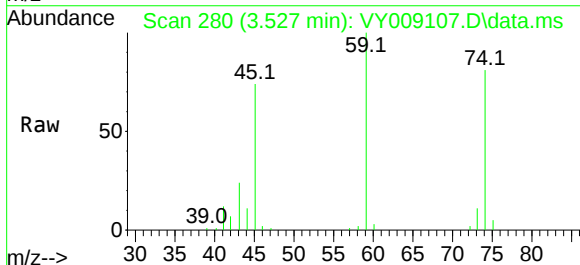
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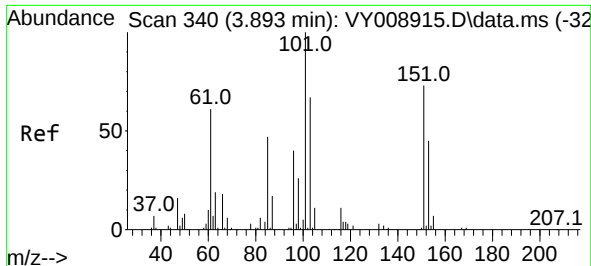
Tgt Ion:101 Resp: 82878
 Ion Ratio Lower Upper
 101 100
 103 66.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 45.922 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY009107.D
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Tgt Ion: 74 Resp: 25227
 Ion Ratio Lower Upper
 74 100
 45 91.1 55.1 165.5

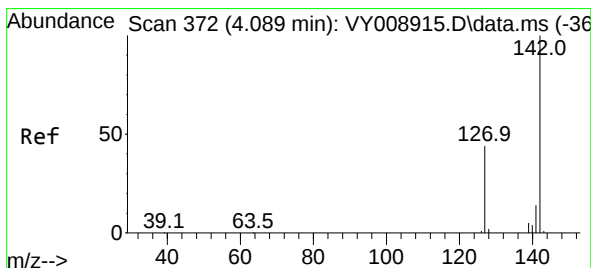
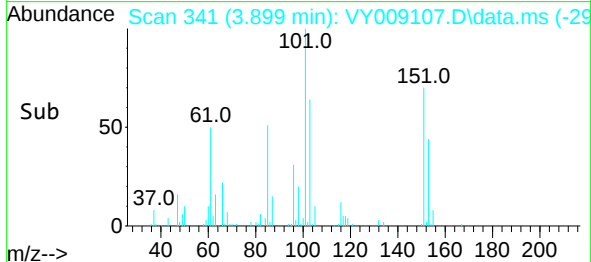
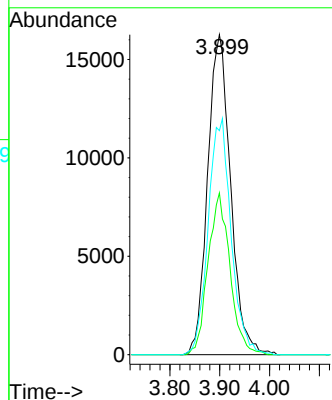
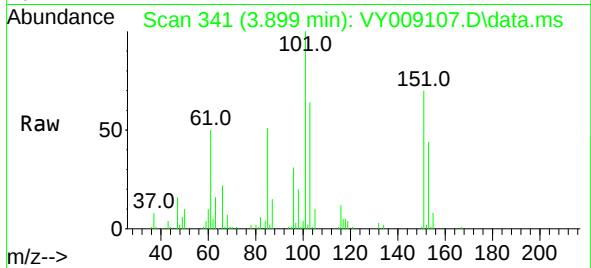




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.199 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
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Acq: 26 May 2022 10:35

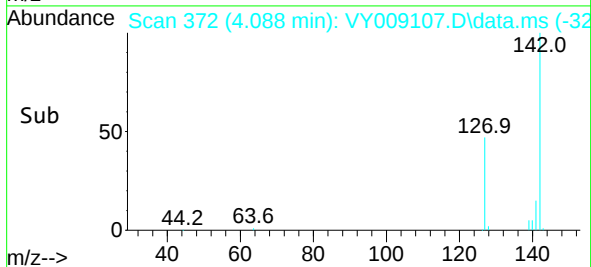
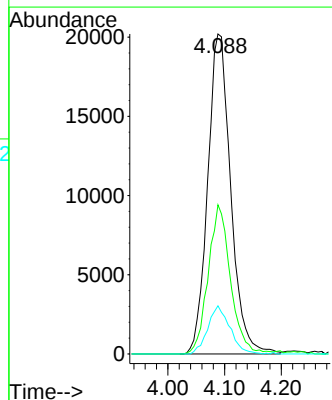
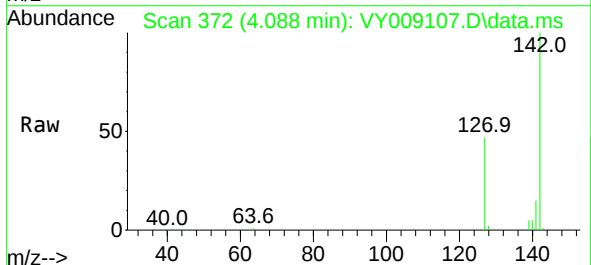
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 52044
Ion Ratio Lower Upper
101 100
85 48.3 40.6 60.8
151 74.0 64.9 97.3



#10
Methyl Iodide
Concen: 51.187 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:142 Resp: 57072
Ion Ratio Lower Upper
142 100
127 45.1 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 208.584 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

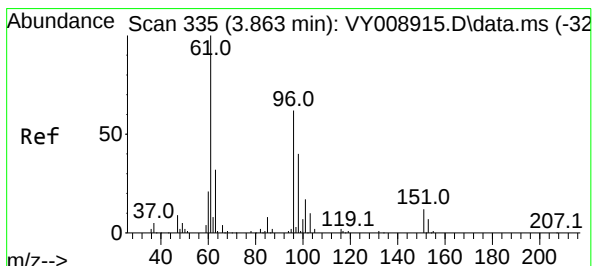
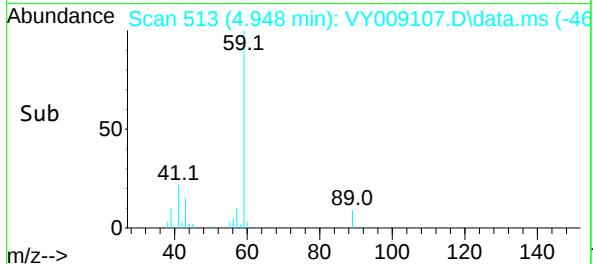
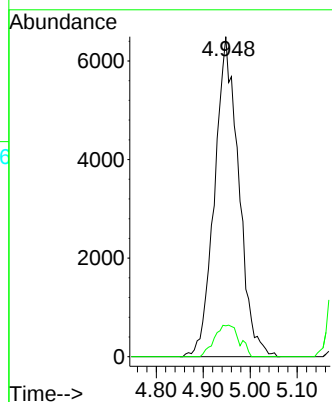
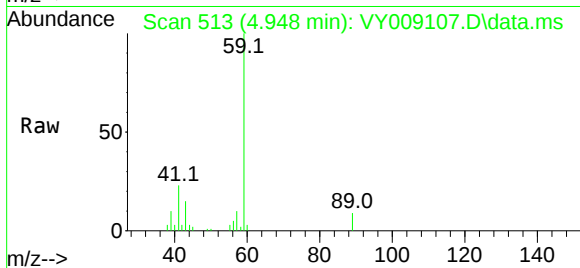
VSTDCCC050

Tgt Ion: 59 Resp: 23205

Ion Ratio Lower Upper

59 100

57 10.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 47.312 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

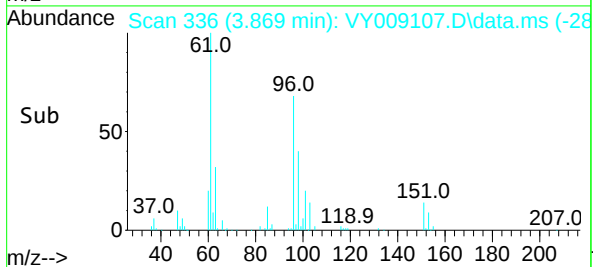
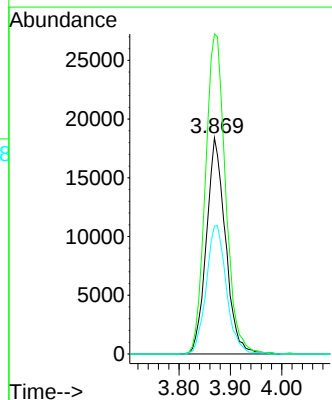
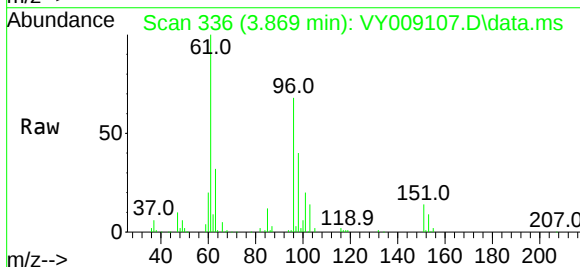
Tgt Ion: 96 Resp: 47424

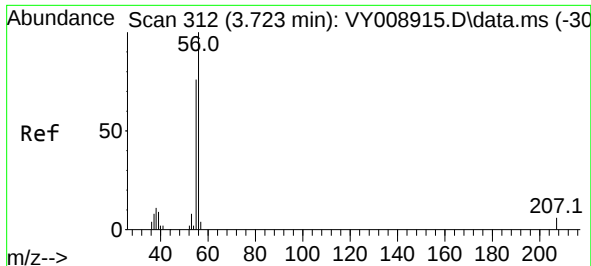
Ion Ratio Lower Upper

96 100

61 148.1 145.8 218.6

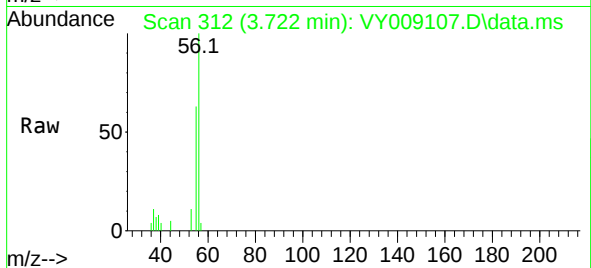
98 59.1 52.5 78.7



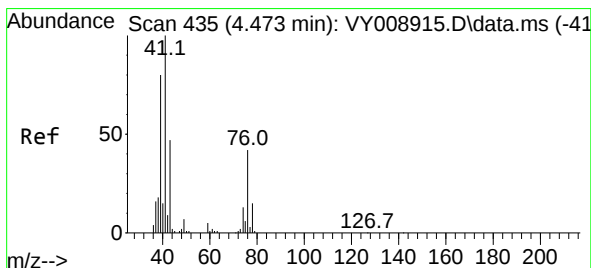
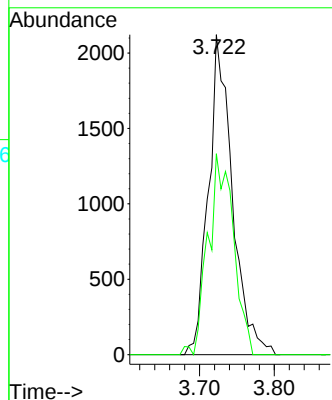
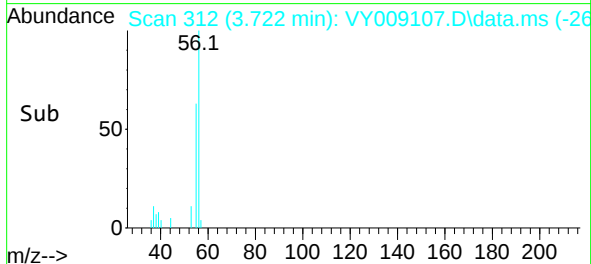


#13
Acrolein
Concen: 128.841 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

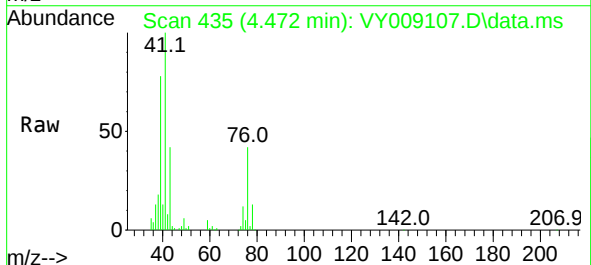
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



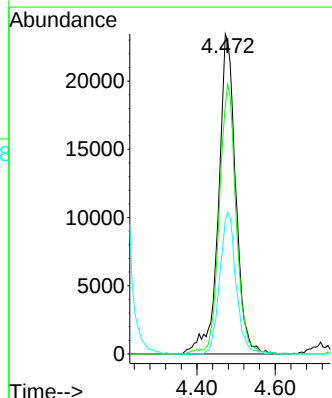
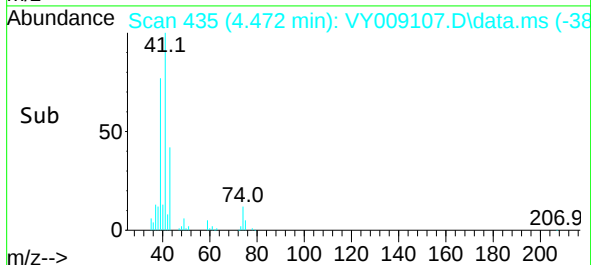
Tgt Ion: 56 Resp: 4718
Ion Ratio Lower Upper
56 100
55 66.7 57.6 86.4

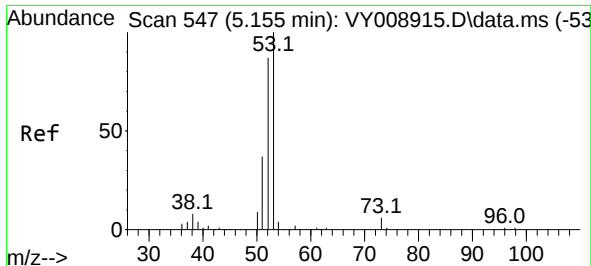


#14
Allyl chloride
Concen: 47.338 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35



Tgt Ion: 41 Resp: 71509
Ion Ratio Lower Upper
41 100
39 82.8 58.8 88.2
76 41.8 25.1 37.7#





#15

Acrylonitrile

Concen: 225.554 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

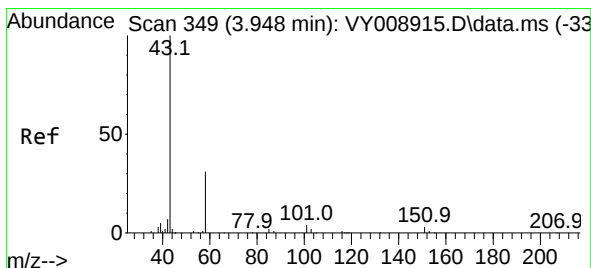
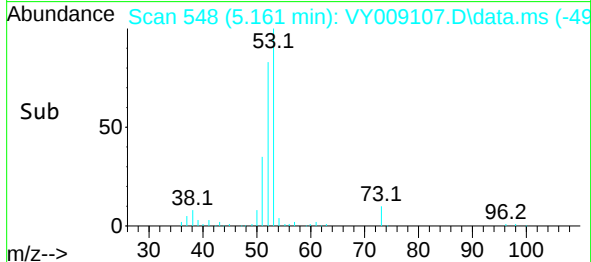
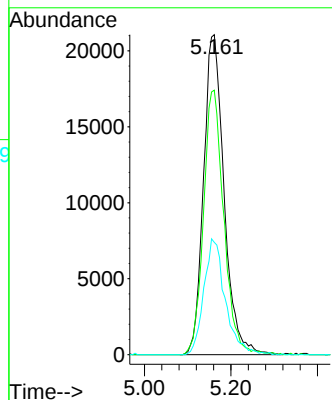
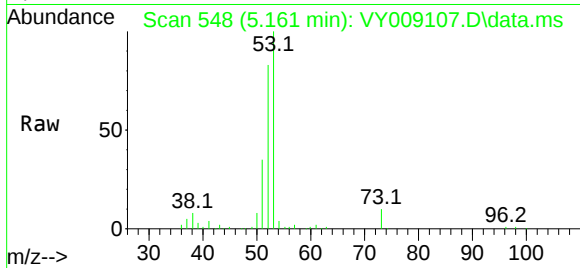
Tgt Ion: 53 Resp: 69377

Ion Ratio Lower Upper

53 100

52 81.7 67.0 100.4

51 37.9 29.8 44.6



#16

Acetone

Concen: 260.739 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY009107.D

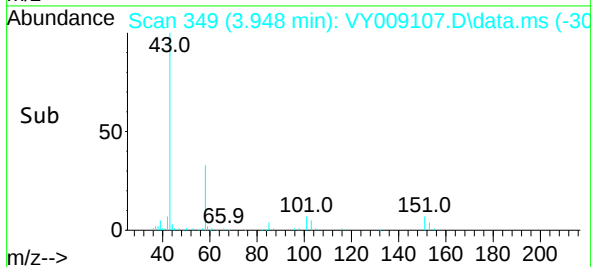
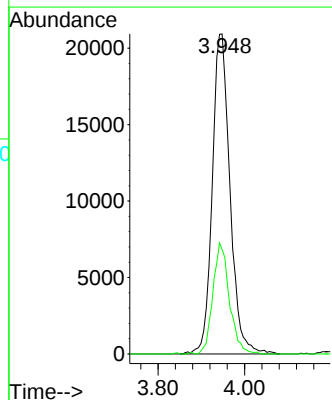
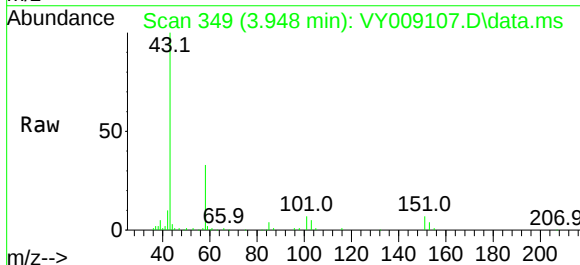
Acq: 26 May 2022 10:35

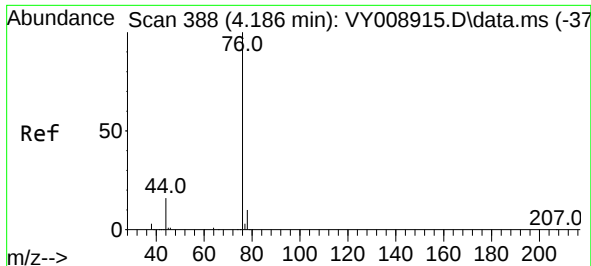
Tgt Ion: 43 Resp: 59528

Ion Ratio Lower Upper

43 100

58 32.6 22.0 33.0

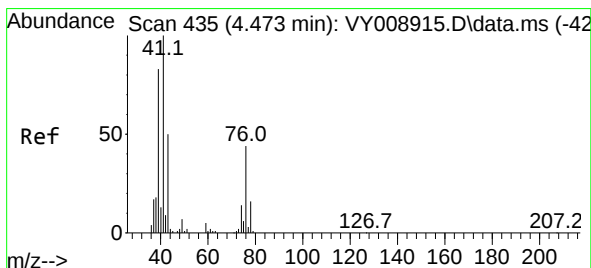
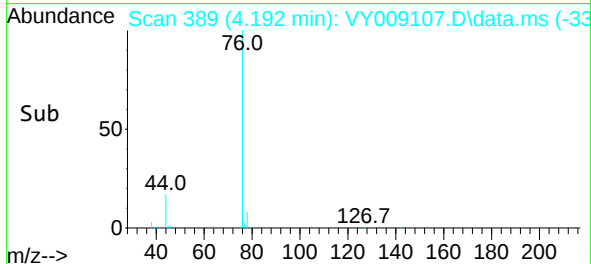
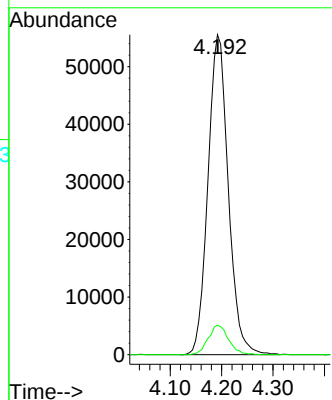
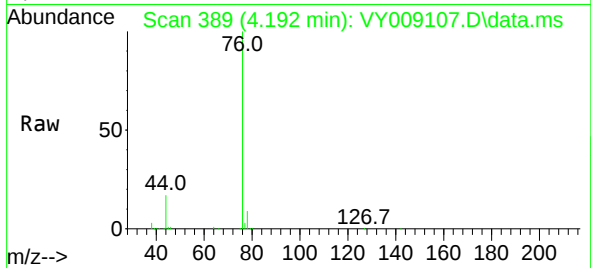




#17
Carbon Disulfide
Concen: 46.562 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

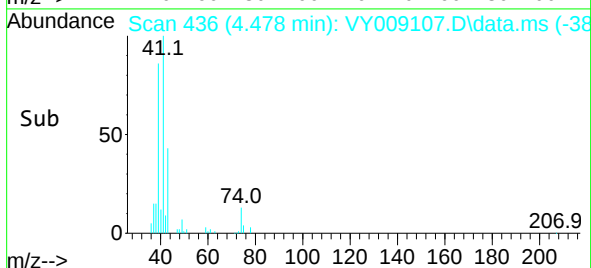
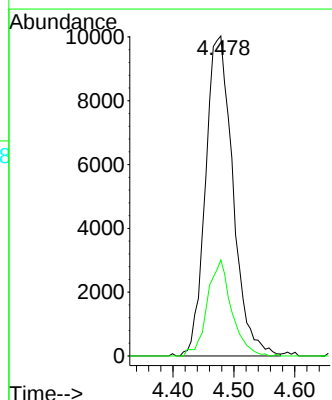
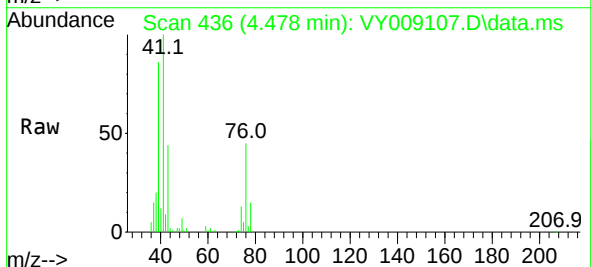
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 152478
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 44.052 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 43 Resp: 31318
Ion Ratio Lower Upper
43 100
74 26.5 16.6 24.8#

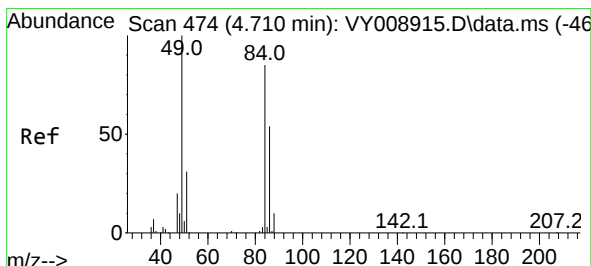
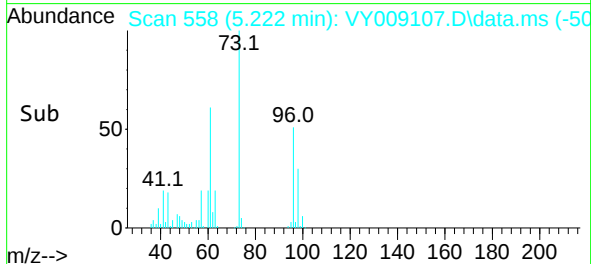
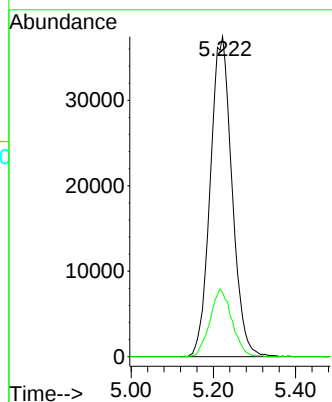
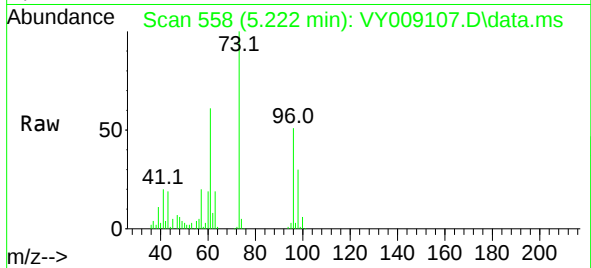




#19
Methyl tert-butyl Ether
Concen: 45.709 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

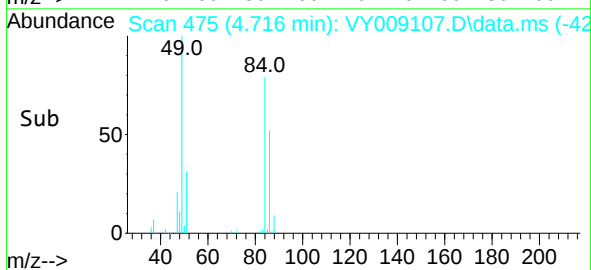
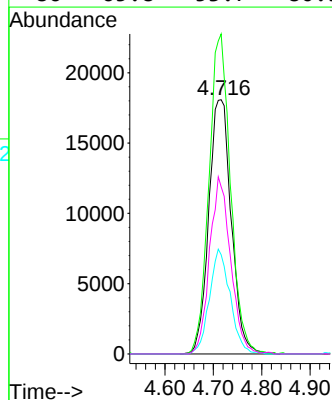
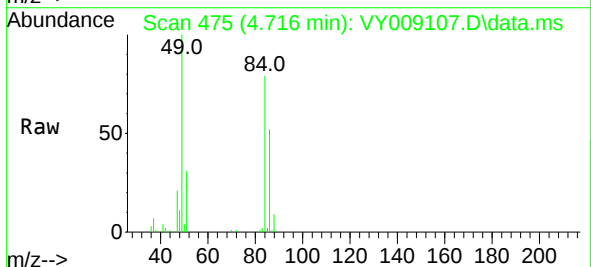
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

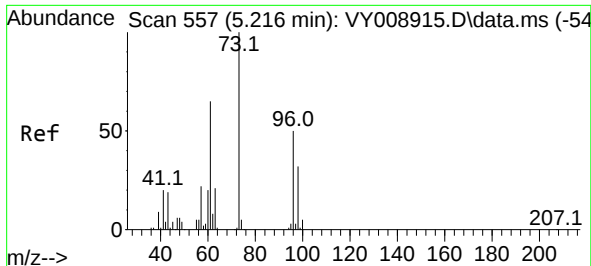
Tgt Ion: 73 Resp: 137520
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8



#20
Methylene Chloride
Concen: 45.001 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 84 Resp: 58425
Ion Ratio Lower Upper
84 100
49 125.9 114.4 171.6
51 39.0 35.3 52.9
86 65.8 53.7 80.5

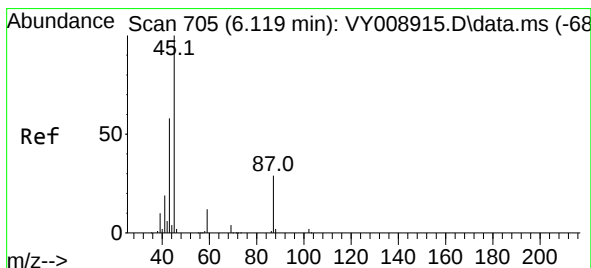
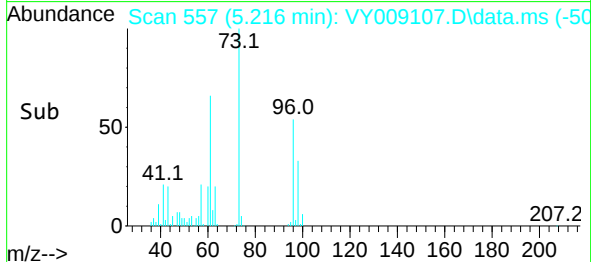
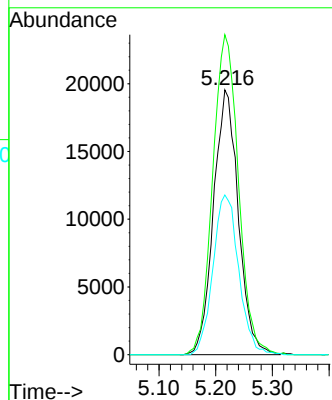
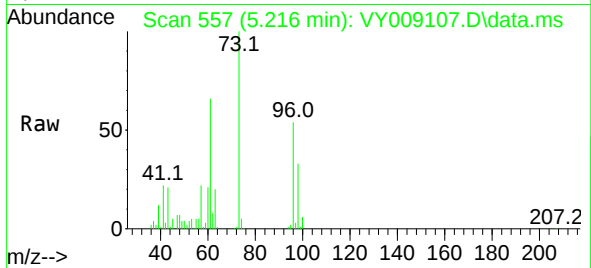




#21
trans-1,2-Dichloroethene
Concen: 46.135 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

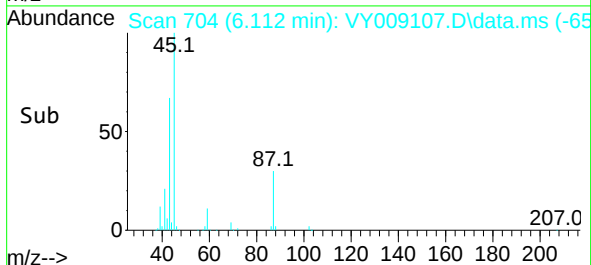
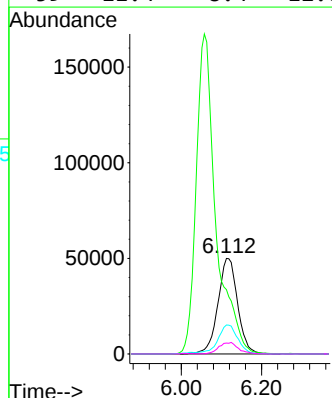
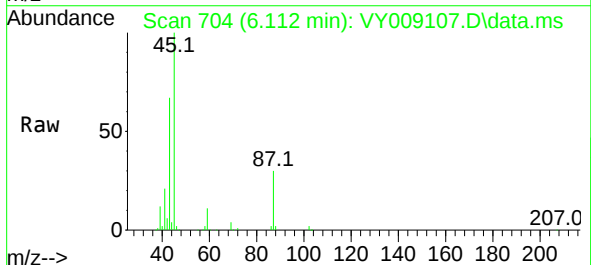
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

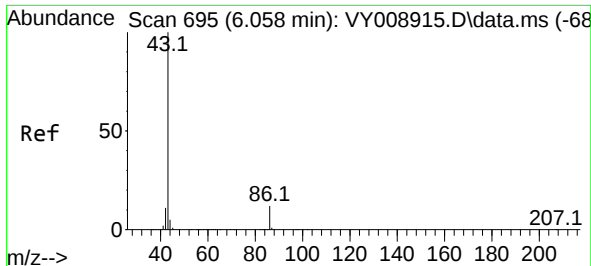
Tgt Ion: 96 Resp: 59356
Ion Ratio Lower Upper
96 100
61 120.8 120.5 180.7
98 60.3 49.8 74.8



#22
Diisopropyl ether
Concen: 46.970 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 45 Resp: 170460
Ion Ratio Lower Upper
45 100
43 67.0 49.3 73.9
87 30.3 19.2 28.8#
59 11.4 8.4 12.6

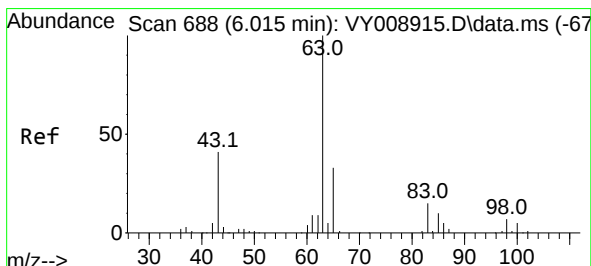
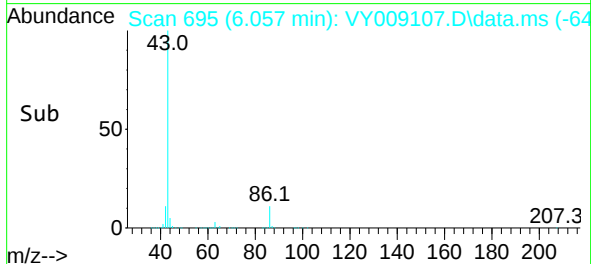
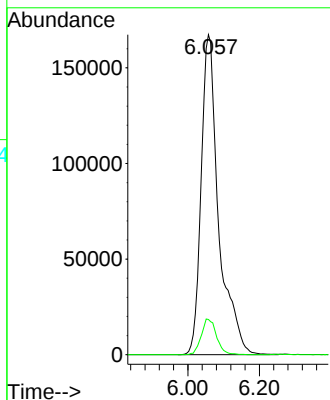
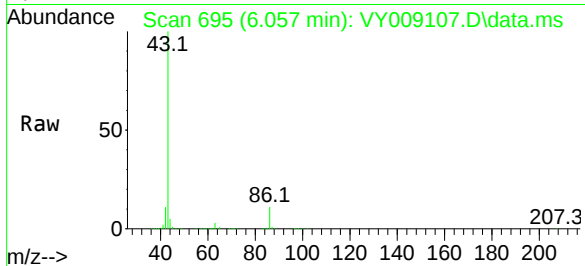




#23
 Vinyl Acetate
 Concen: 237.252 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY009107.D
 Acq: 26 May 2022 10:35

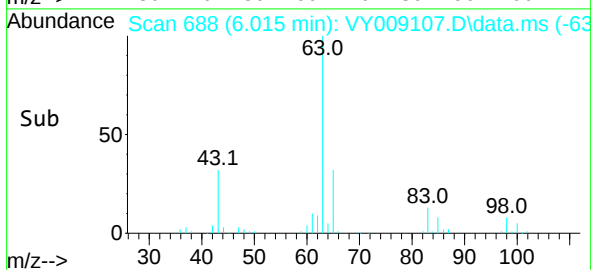
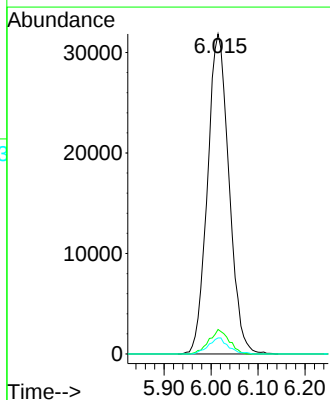
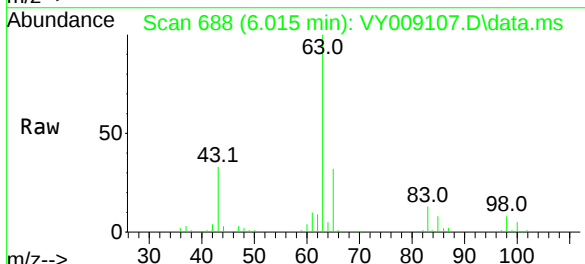
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

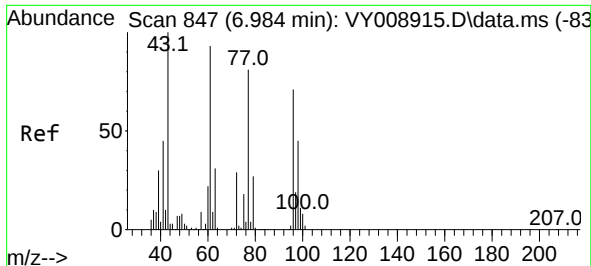
Tgt Ion: 43 Resp: 569547
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.612 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009107.D
 Acq: 26 May 2022 10:35

Tgt Ion: 63 Resp: 101179
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 5.0 2.0 5.8

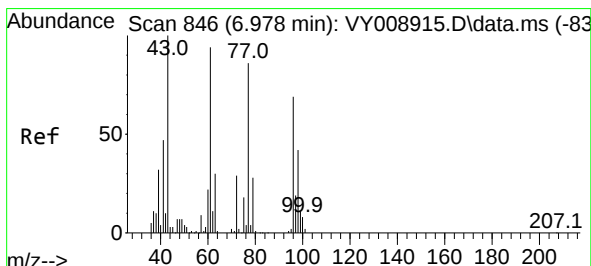
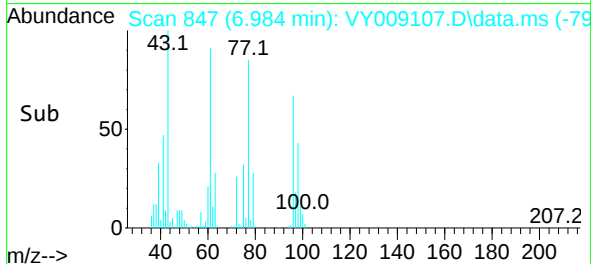
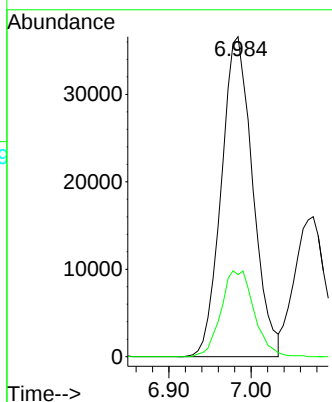
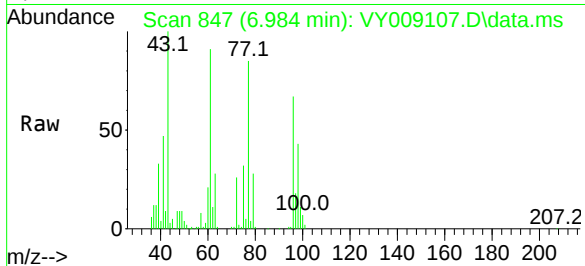




#25
2-Butanone
Concen: 238.449 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

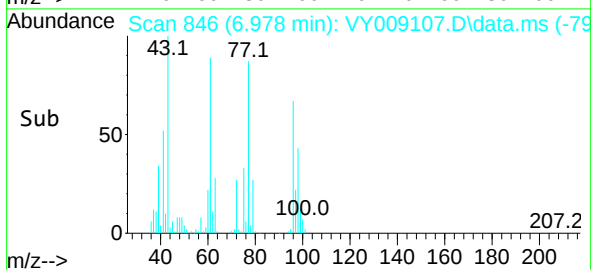
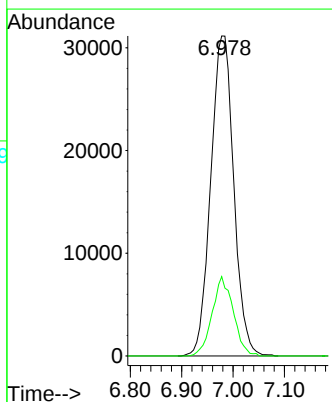
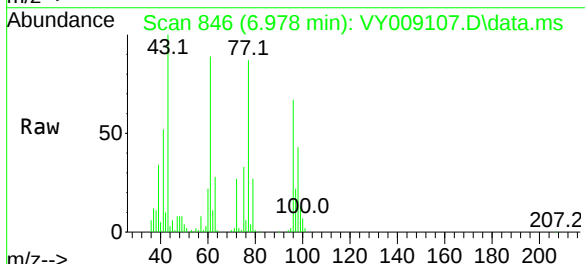
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

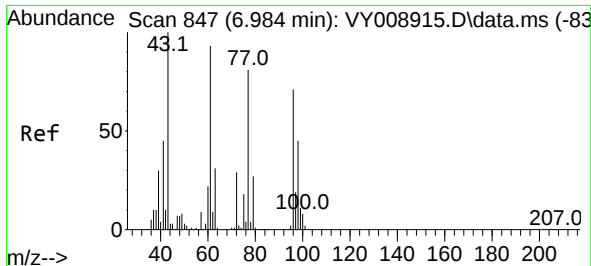
Tgt Ion: 43 Resp: 97234
Ion Ratio Lower Upper
43 100
72 25.7 17.7 26.5



#26
2,2-Dichloropropane
Concen: 48.374 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 77 Resp: 96726
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 45.537 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

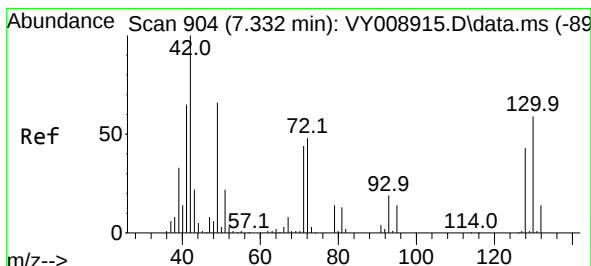
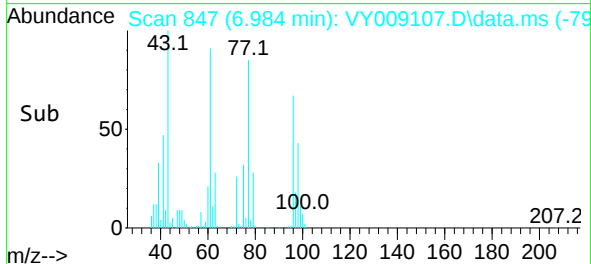
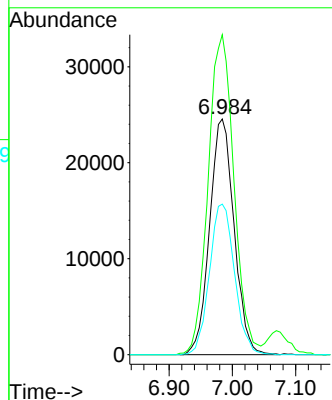
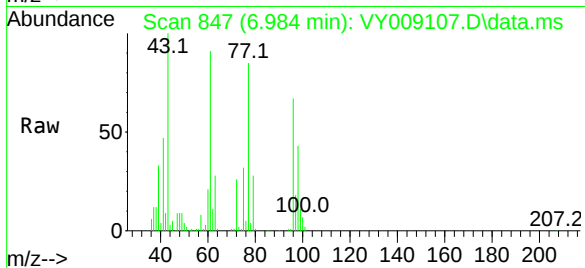
Tgt Ion: 96 Resp: 66043

Ion Ratio Lower Upper

96 100

61 143.0 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 46.122 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.007 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

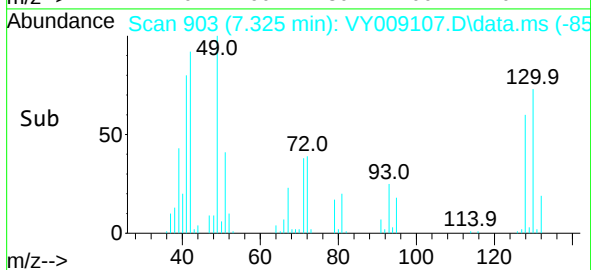
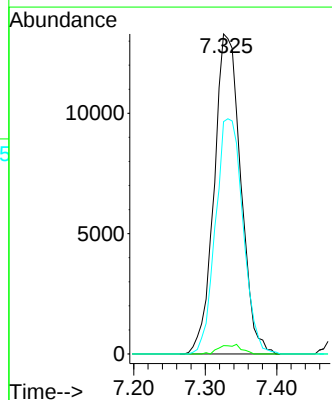
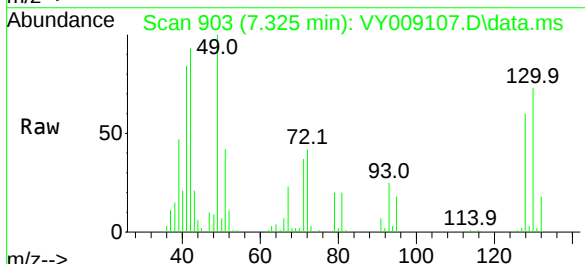
Tgt Ion: 49 Resp: 34363

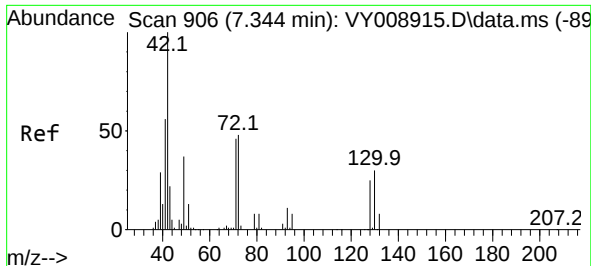
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 75.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 224.947 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

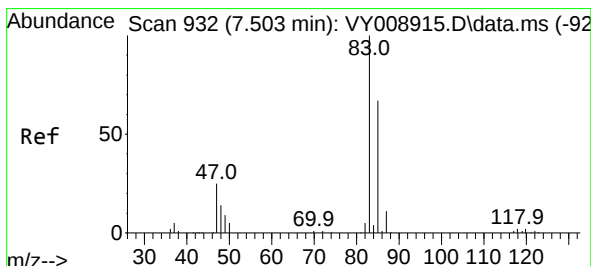
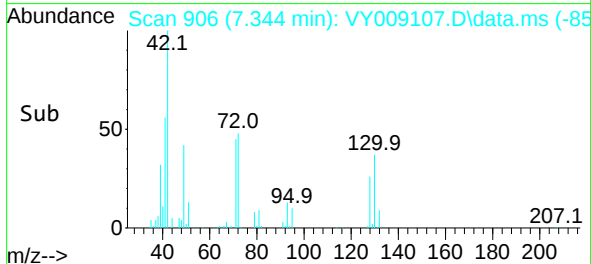
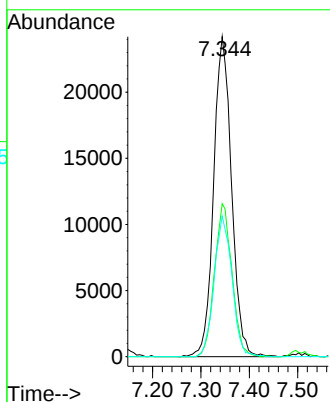
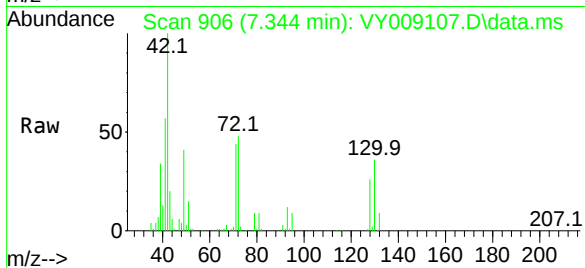
Tgt Ion: 42 Resp: 62309

Ion Ratio Lower Upper

42 100

72 46.7 30.3 45.5#

71 43.5 29.0 43.4#



#30

Chloroform

Concen: 45.849 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009107.D

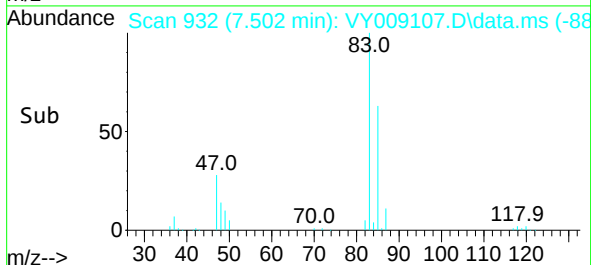
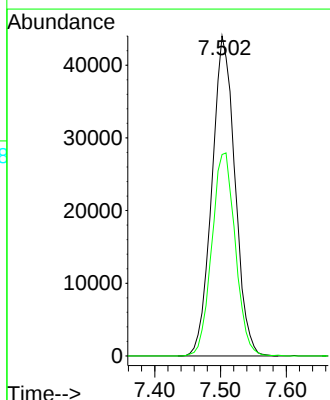
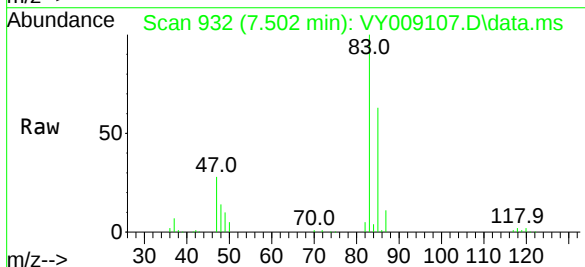
Acq: 26 May 2022 10:35

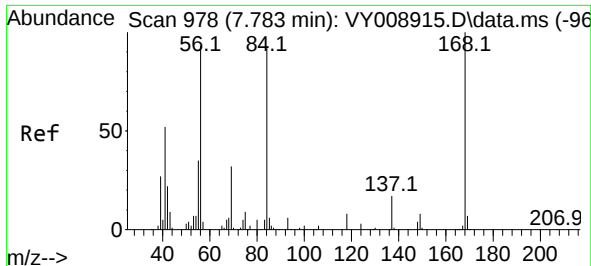
Tgt Ion: 83 Resp: 107429

Ion Ratio Lower Upper

83 100

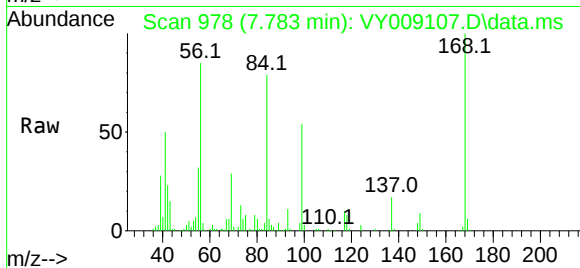
85 63.0 51.8 77.6



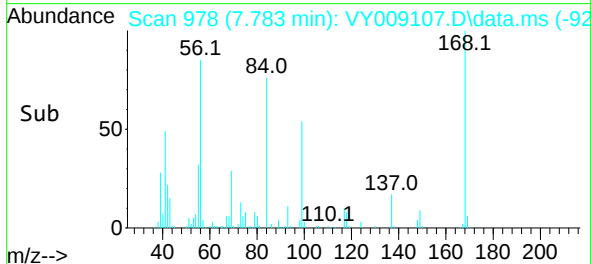
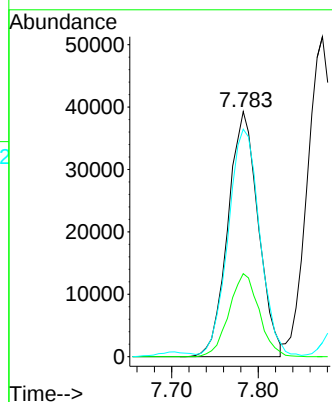


#31
Cyclohexane
Concen: 44.446 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

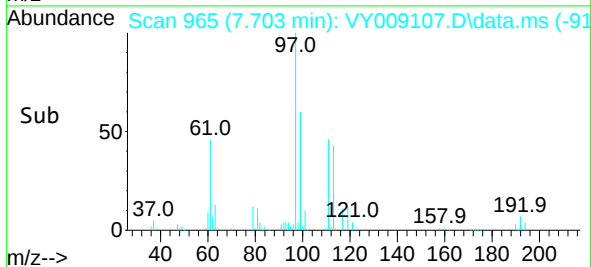
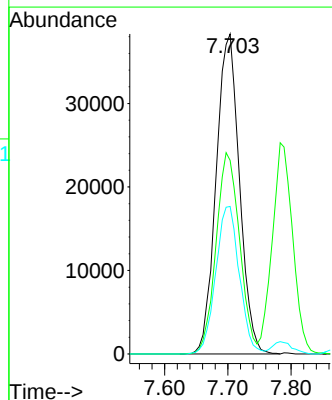
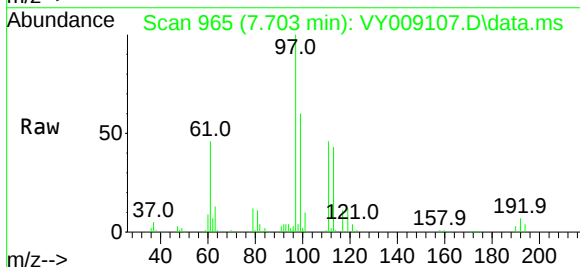


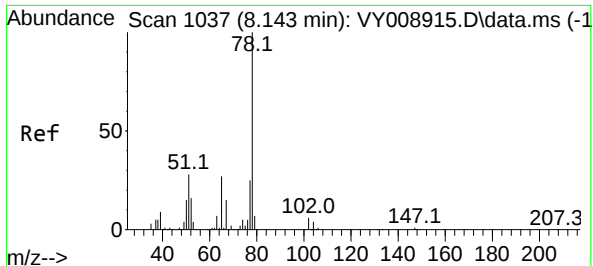
Tgt Ion: 56 Resp: 95367
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 91.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 46.141 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.005 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 97 Resp: 98086
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 46.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.336 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

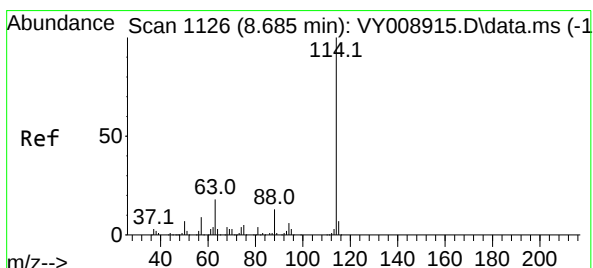
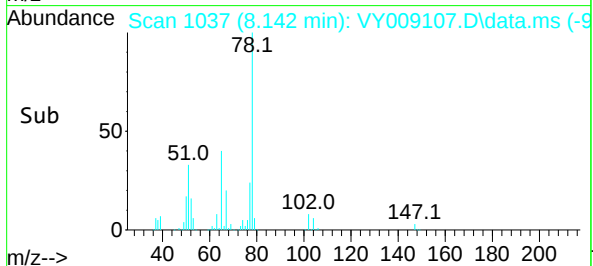
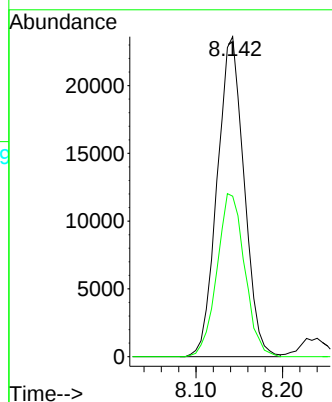
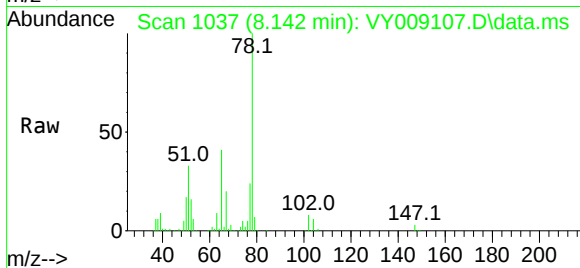
VSTDCCC050

Tgt Ion: 65 Resp: 50821

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

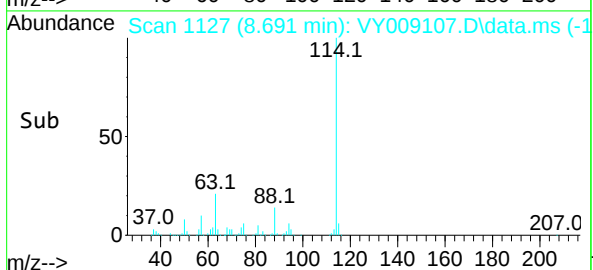
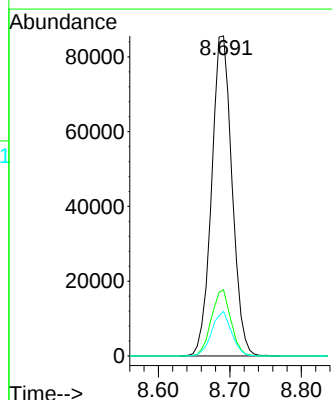
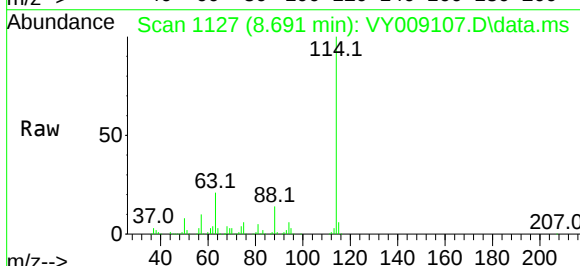
Tgt Ion: 114 Resp: 169531

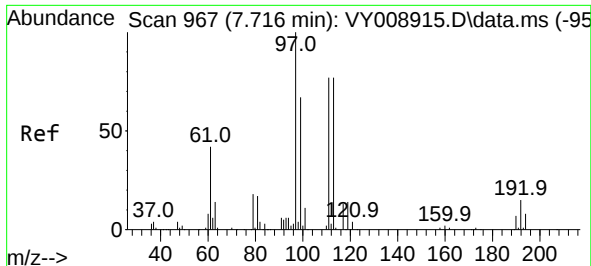
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 13.9 0.0 31.8

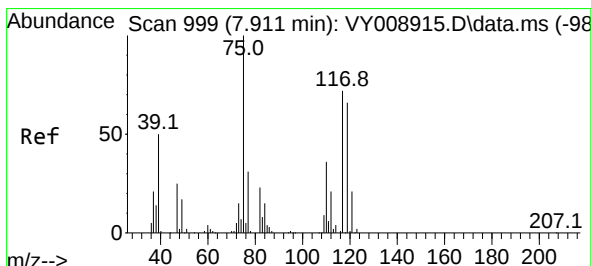
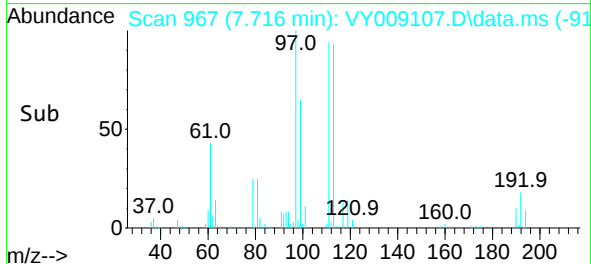
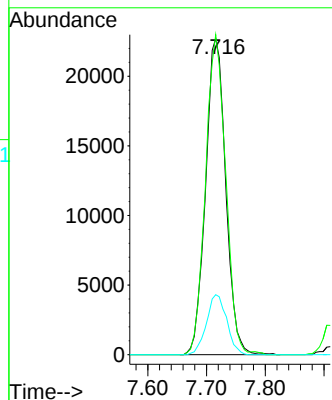
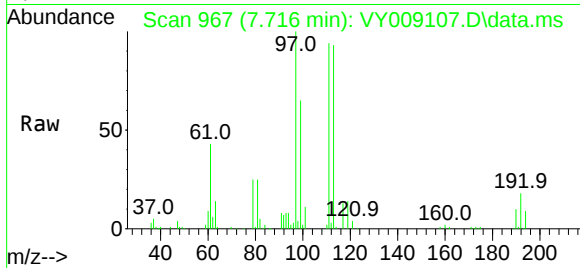




#35
Dibromofluoromethane
Concen: 51.391 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

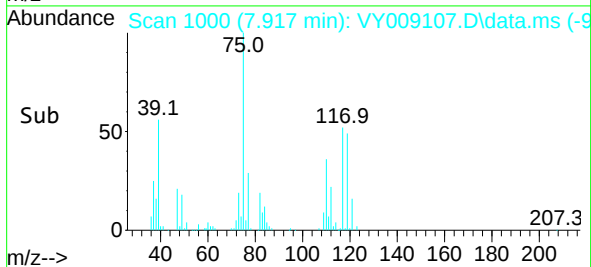
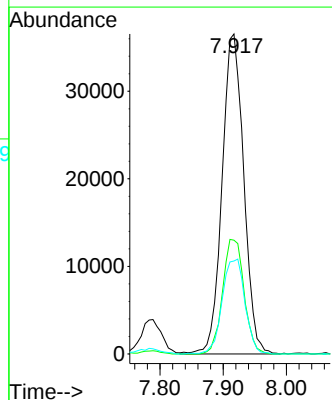
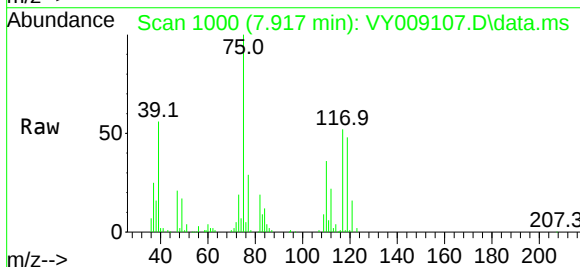
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 54177
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.330 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 75 Resp: 86707
Ion Ratio Lower Upper
75 100
110 35.5 17.1 51.2
77 31.2 24.4 36.6

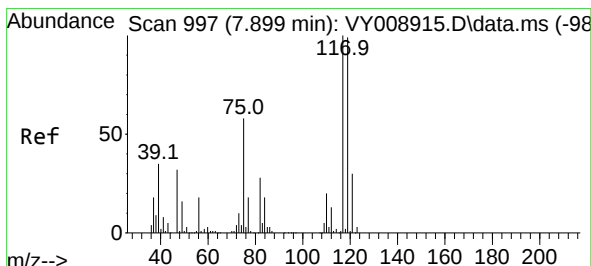
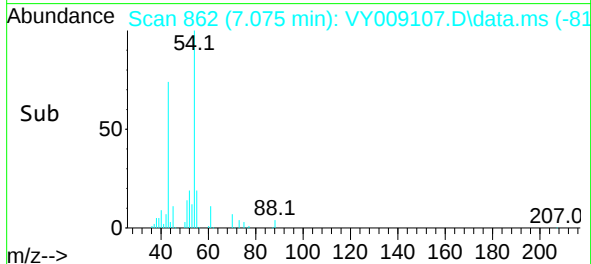
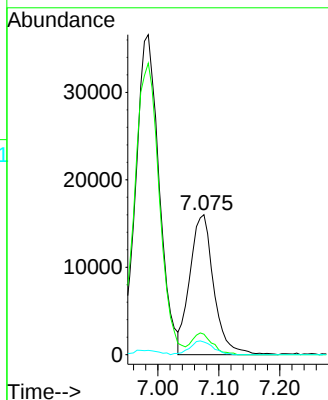
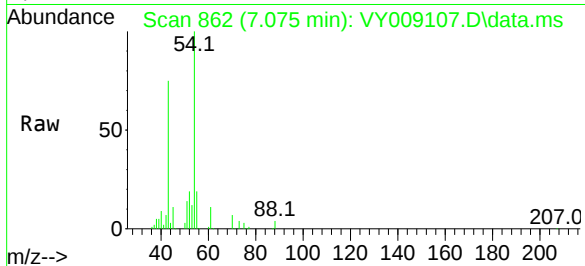




#37
Ethyl Acetate
Concen: 46.933 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

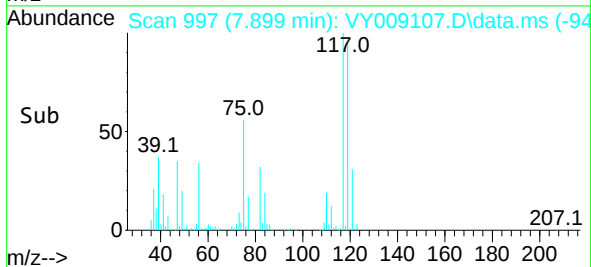
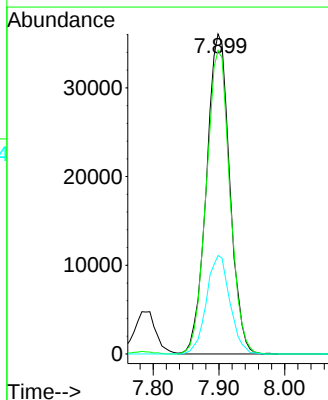
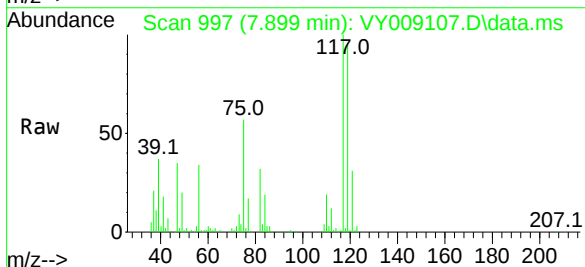
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43677
Ion Ratio Lower Upper
43 100
61 13.3 9.7 14.5
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 47.390 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 117 Resp: 88940
Ion Ratio Lower Upper
117 100
119 94.9 77.9 116.9
121 30.7 24.8 37.2

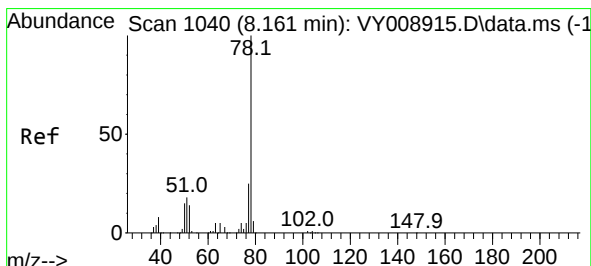
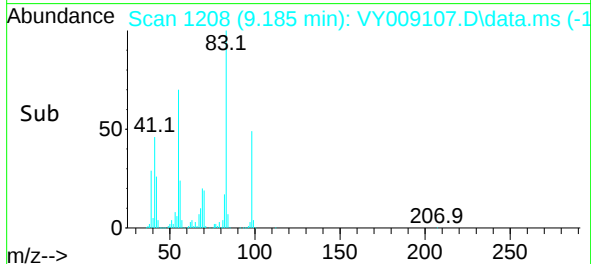
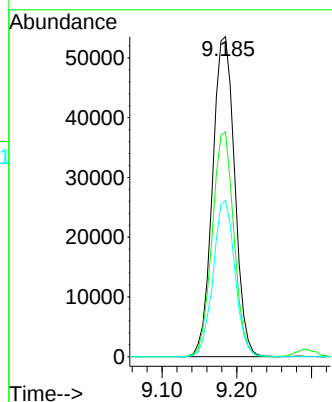
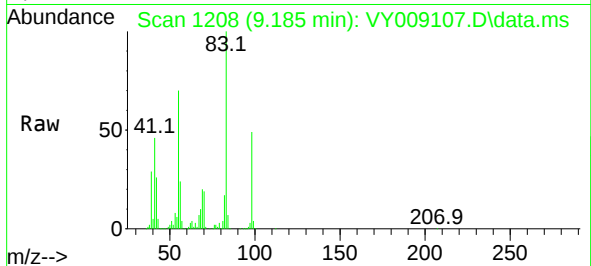




#39
Methylcyclohexane
Concen: 47.594 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

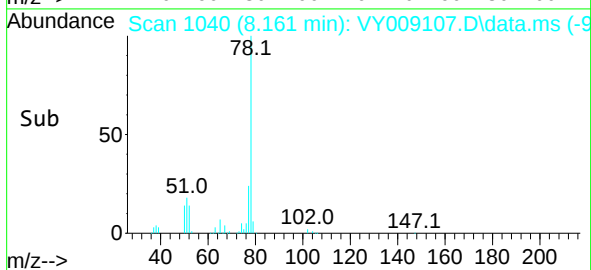
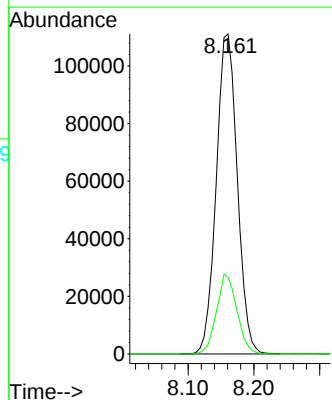
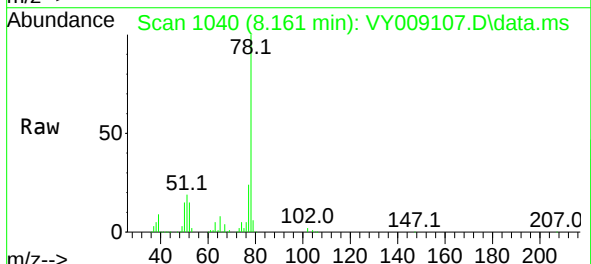
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

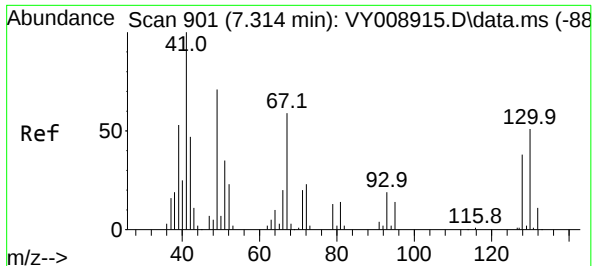
Tgt Ion: 83 Resp: 110216
Ion Ratio Lower Upper
83 100
55 70.2 66.5 99.7
98 48.8 37.9 56.9



#40
Benzene
Concen: 47.810 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 78 Resp: 247342
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6

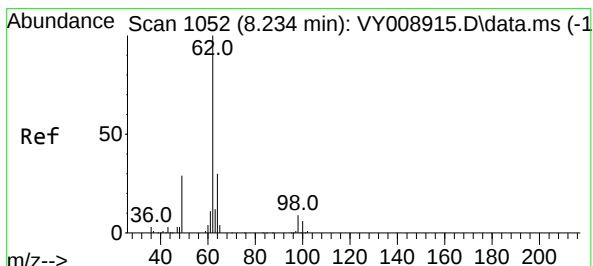
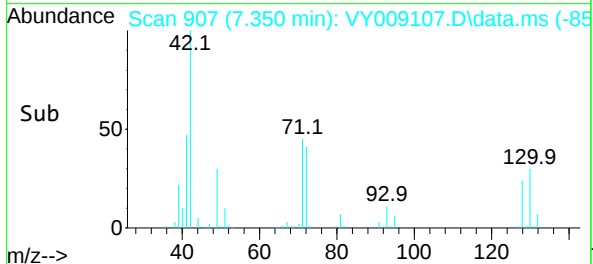
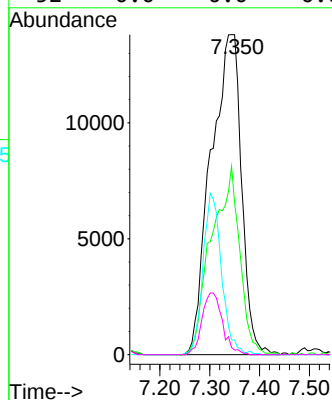
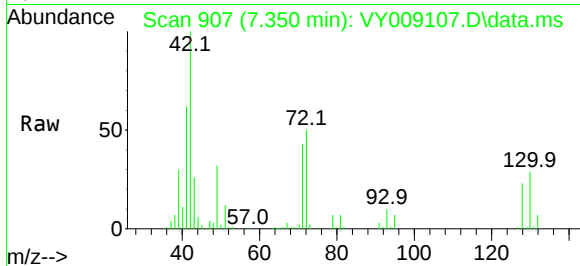




#41
Methacrylonitrile
Concen: 122.440 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

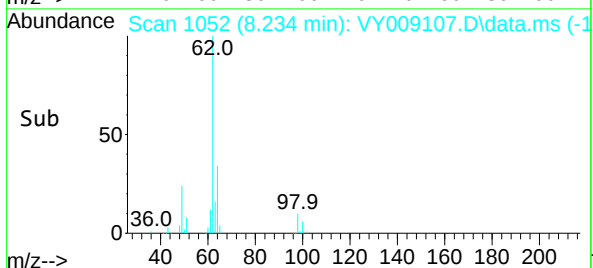
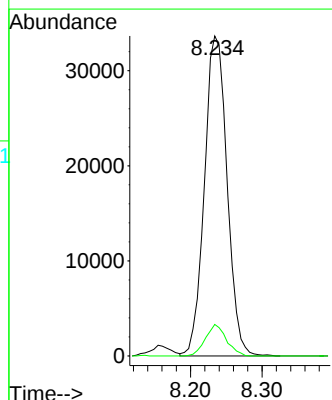
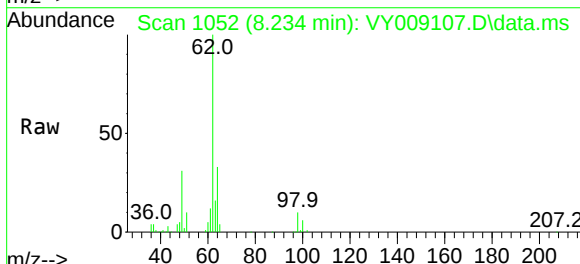
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

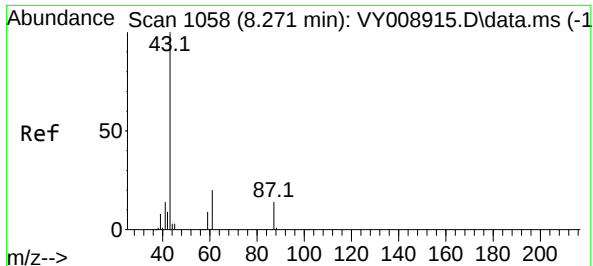
Tgt Ion: 41 Resp: 58800
Ion Ratio Lower Upper
41 100
39 54.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 48.787 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 62 Resp: 74114
Ion Ratio Lower Upper
62 100
98 9.1 0.0 14.8

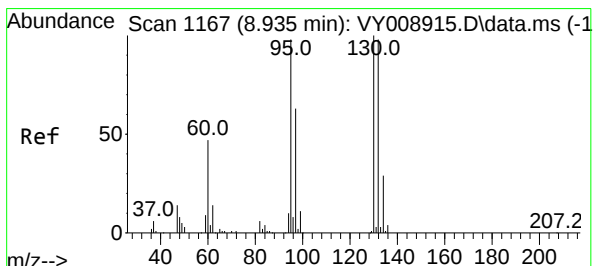
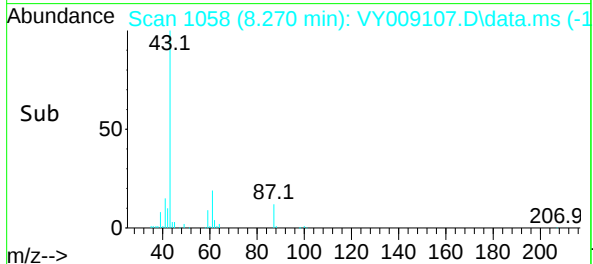
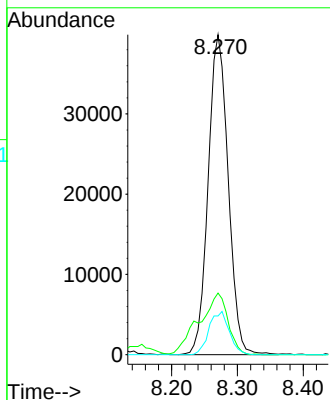
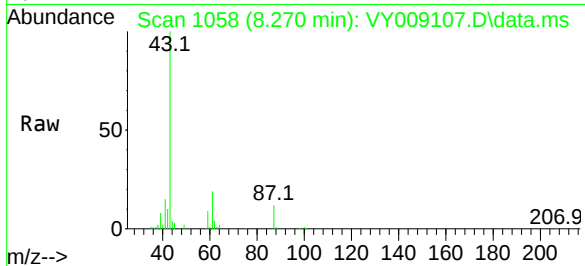




#43
Isopropyl Acetate
Concen: 48.855 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

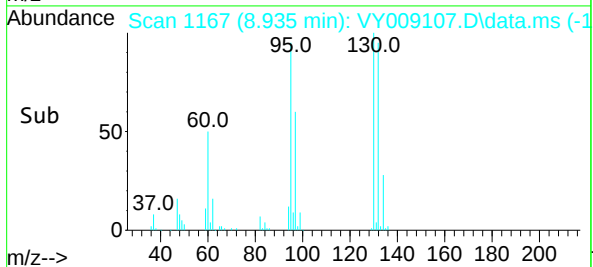
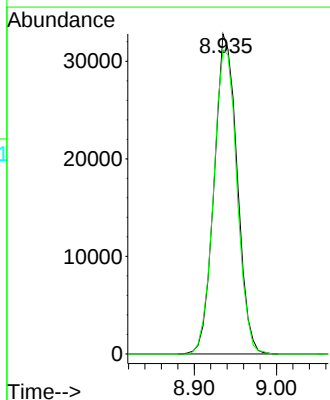
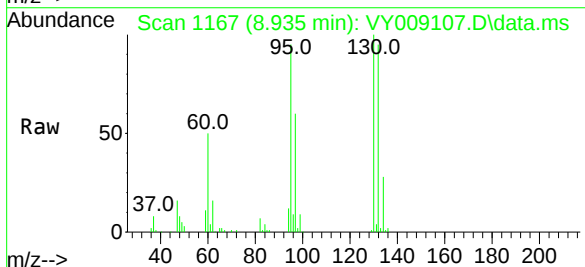
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

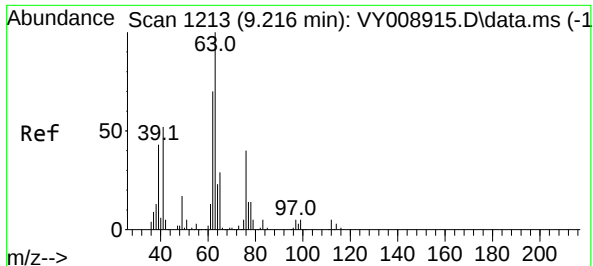
Tgt Ion: 43 Resp: 84540
Ion Ratio Lower Upper
43 100
61 27.9 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 46.416 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:130 Resp: 63582
Ion Ratio Lower Upper
130 100
95 95.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.063 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

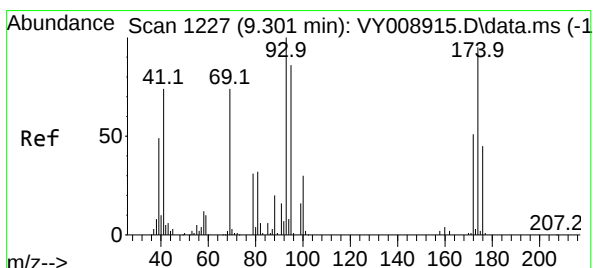
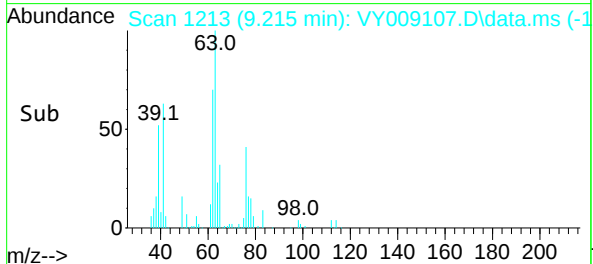
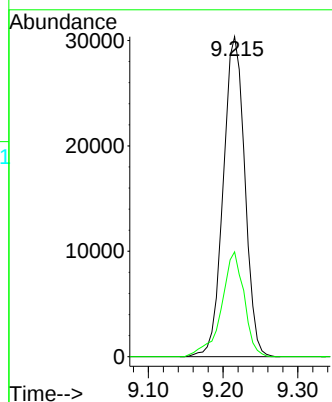
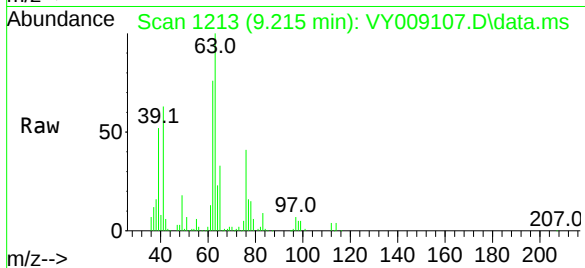
VSTDCCC050

Tgt Ion: 63 Resp: 60946

Ion Ratio Lower Upper

63 100

65 32.8 23.0 34.6



#46

Dibromomethane

Concen: 47.690 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

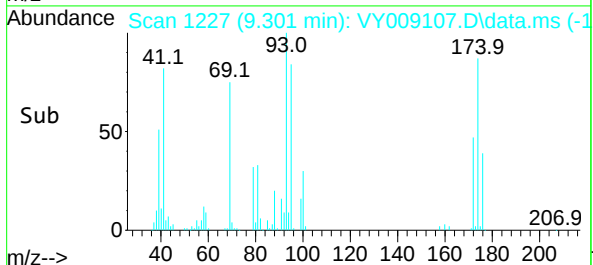
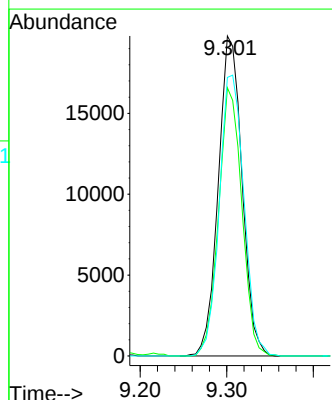
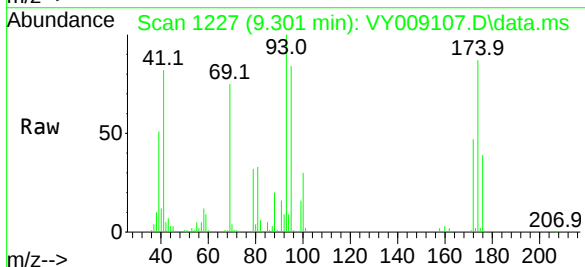
Tgt Ion: 93 Resp: 37669

Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 90.9 83.4 125.0

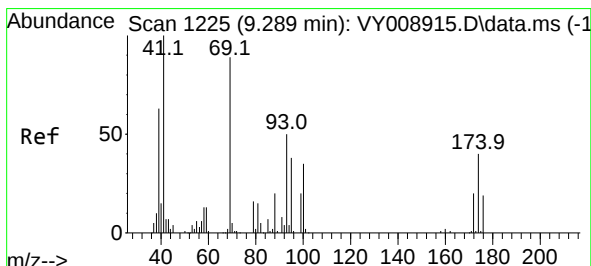
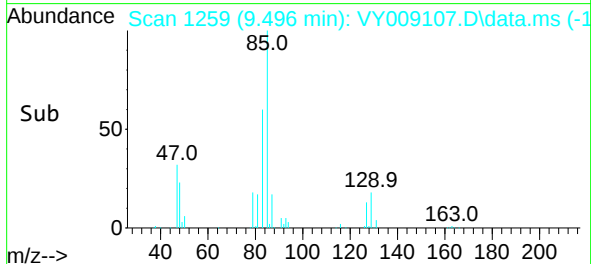
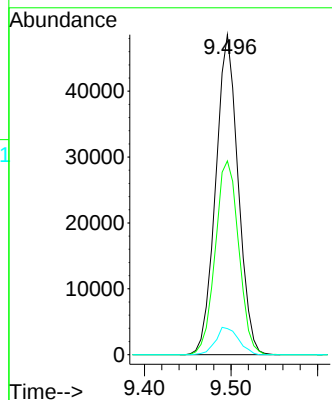
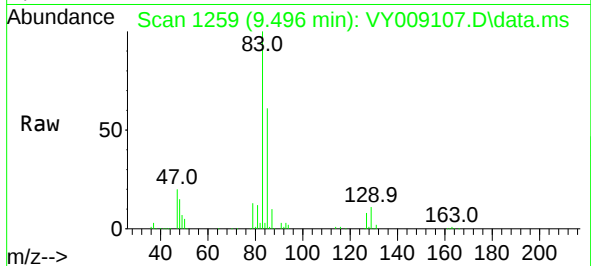




#47
Bromodichloromethane
Concen: 48.402 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

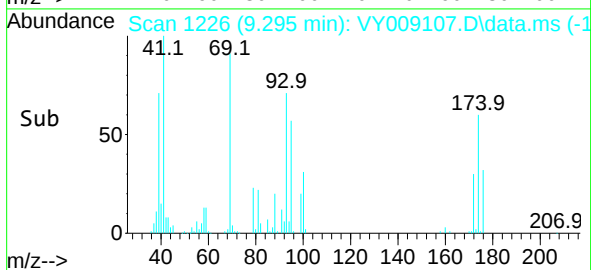
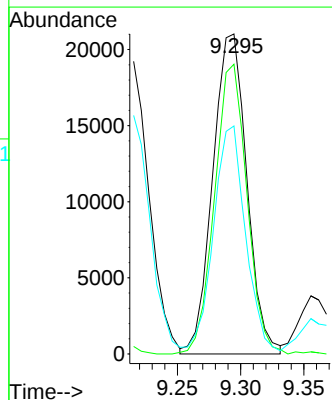
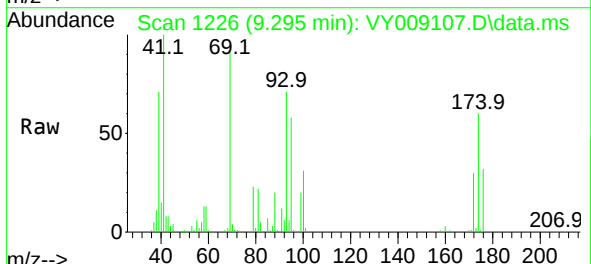
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

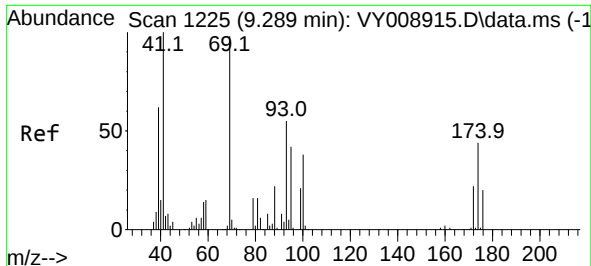
Tgt Ion: 83 Resp: 87374
Ion Ratio Lower Upper
83 100
85 60.5 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 50.992 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 41 Resp: 39401
Ion Ratio Lower Upper
41 100
69 86.1 58.2 87.2
39 65.1 47.4 71.0





#49

1,4-Dioxane

Concen: 911.943 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

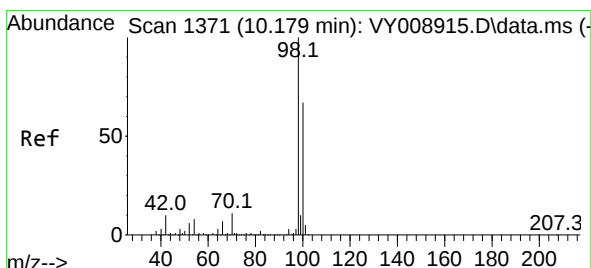
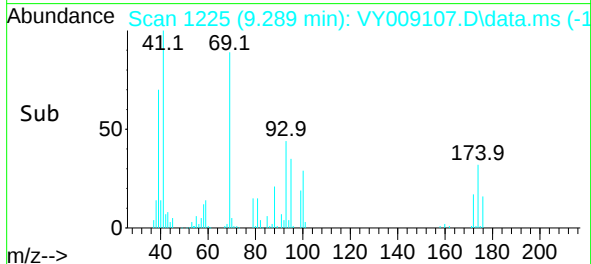
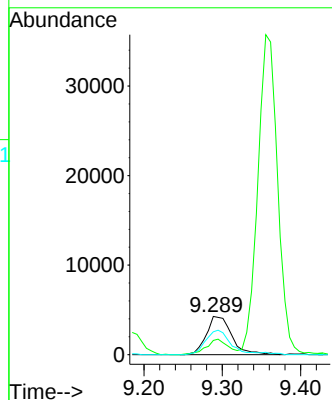
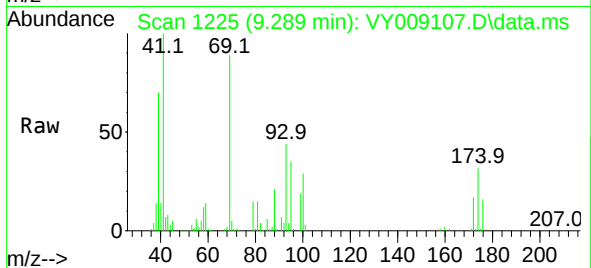
Tgt Ion: 88 Resp: 9629

Ion Ratio Lower Upper

88 100

43 35.0 32.8 49.2

58 65.4 59.8 89.6



#50

Toluene-d8

Concen: 45.680 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009107.D

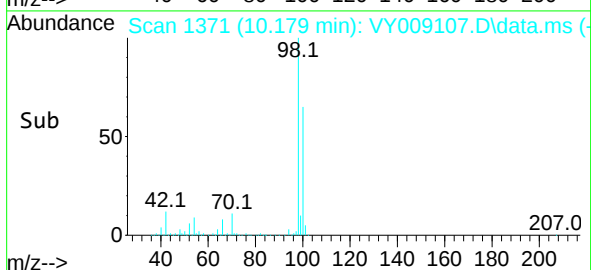
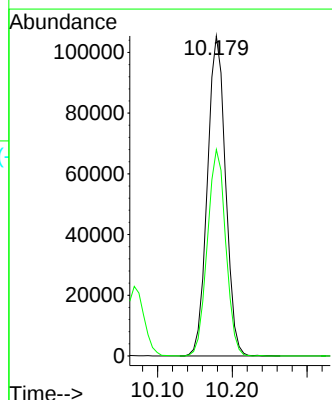
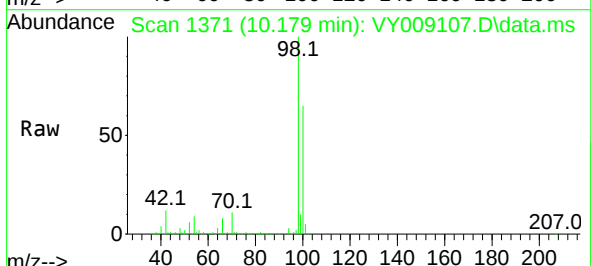
Acq: 26 May 2022 10:35

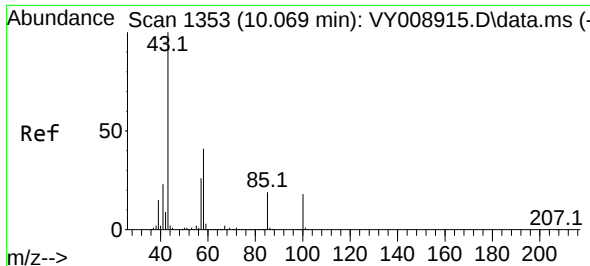
Tgt Ion: 98 Resp: 177658

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

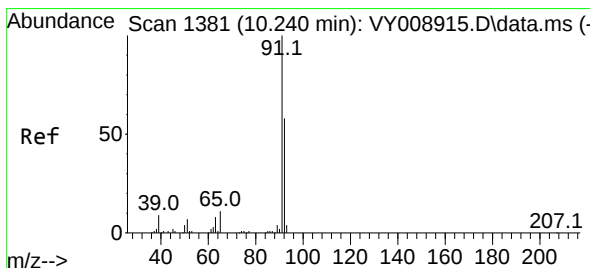
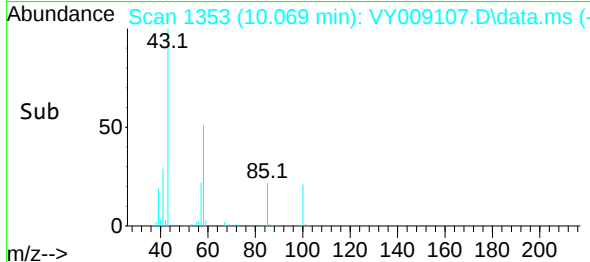
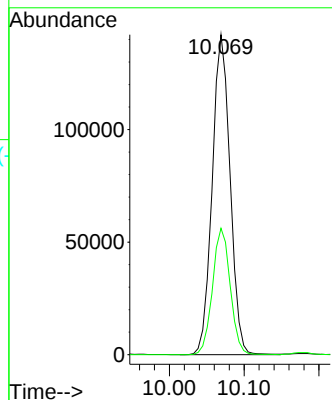
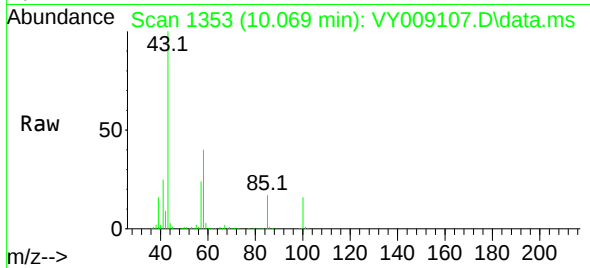




#51
4-Methyl-2-Pentanone
Concen: 246.722 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

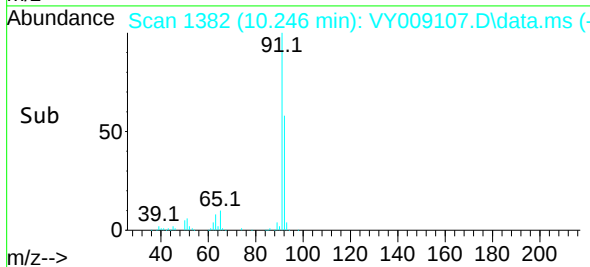
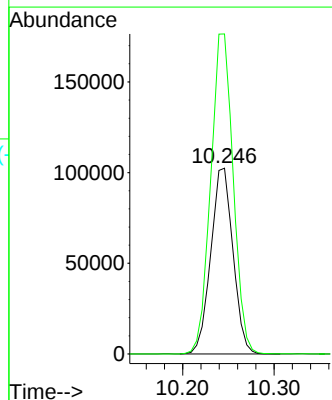
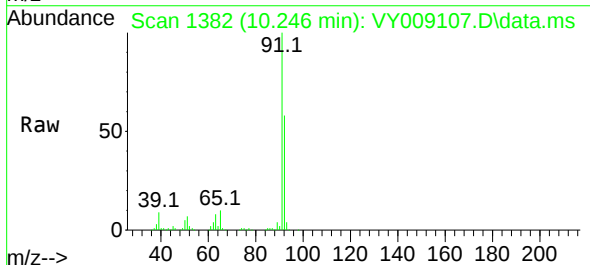
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

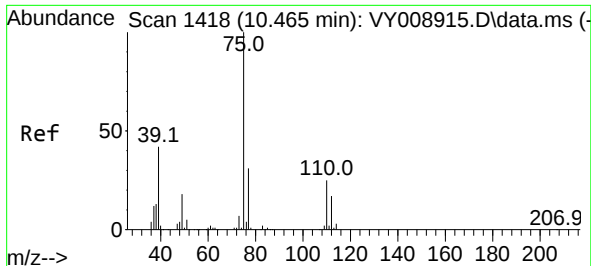
Tgt Ion: 43 Resp: 236280
Ion Ratio Lower Upper
43 100
58 39.1 28.1 42.1



#52
Toluene
Concen: 47.820 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 92 Resp: 172889
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8

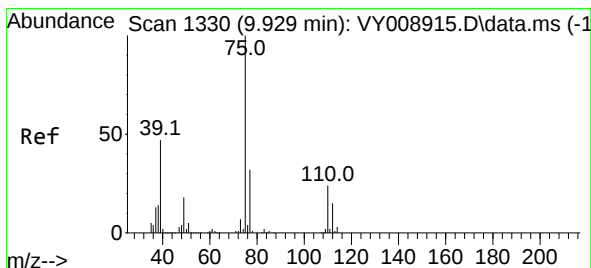
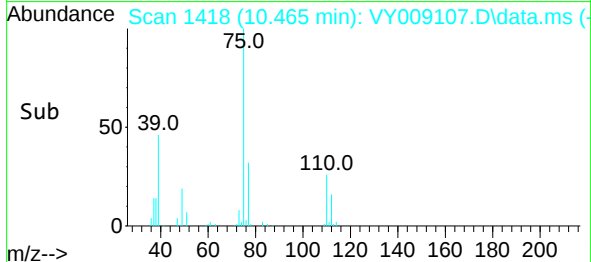
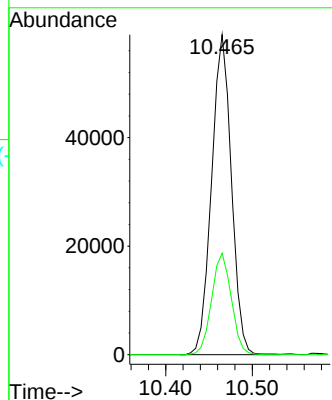
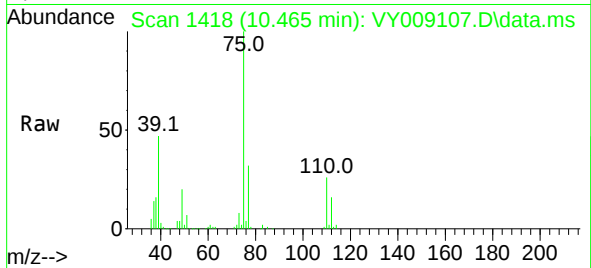




#53
t-1,3-Dichloropropene
Concen: 48.796 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

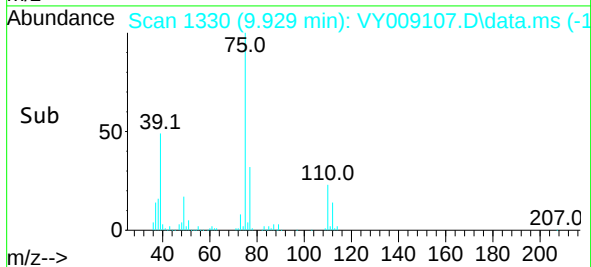
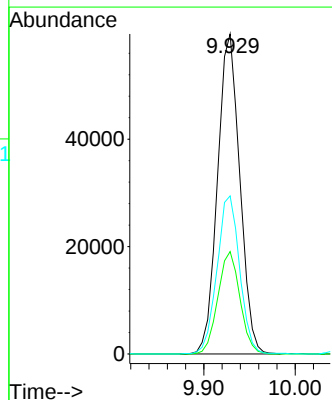
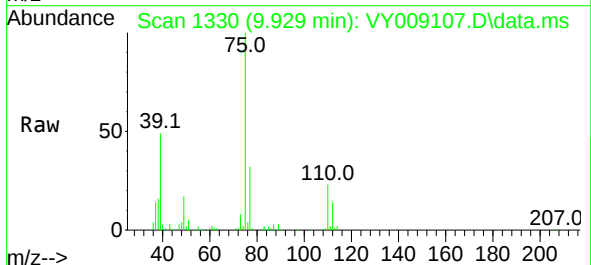
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

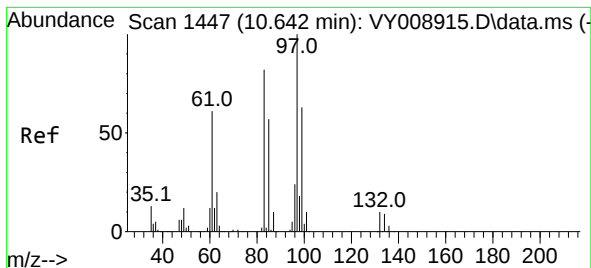
Tgt Ion: 75 Resp: 93540
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.997 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 75 Resp: 100973
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 49.4 47.6 71.4

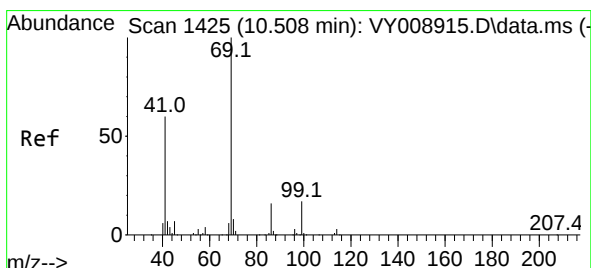
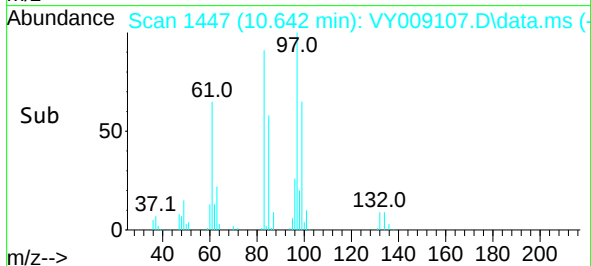
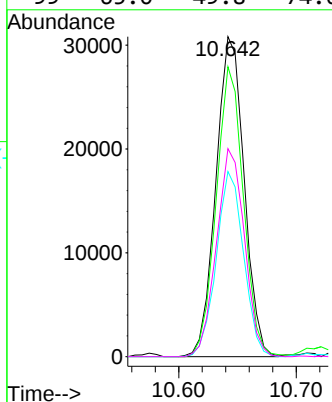
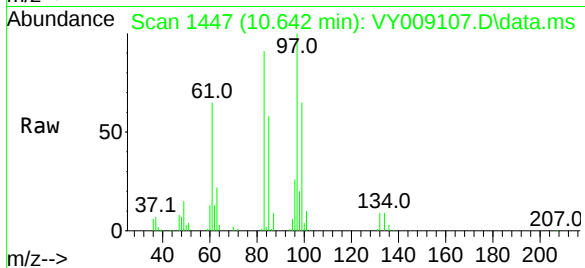




#55
1,1,2-Trichloroethane
Concen: 46.564 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

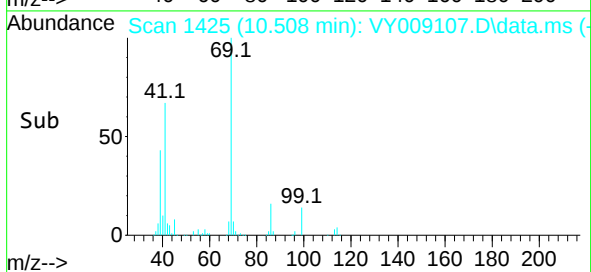
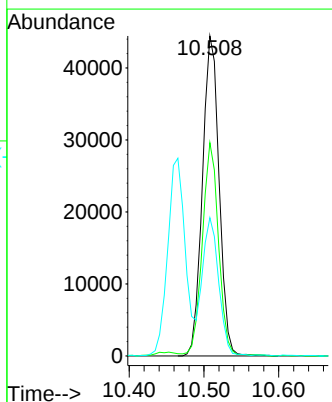
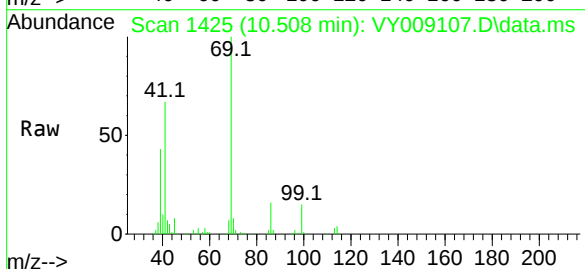
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

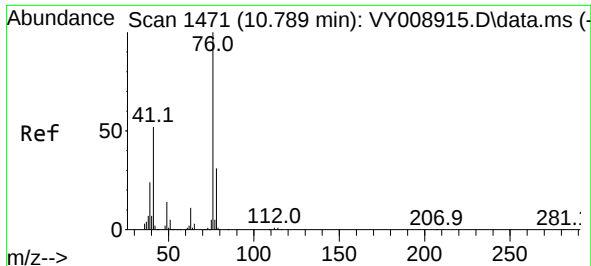
Tgt Ion:	97	Resp:	51456
Ion	Ratio	Lower	Upper
97	100		
83	90.6	69.8	104.8
85	57.9	44.3	66.5
99	65.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 48.720 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:	69	Resp:	68833
Ion	Ratio	Lower	Upper
69	100		
41	64.9	63.4	95.0
39	41.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.741 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

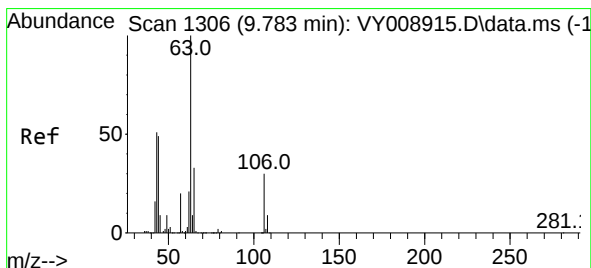
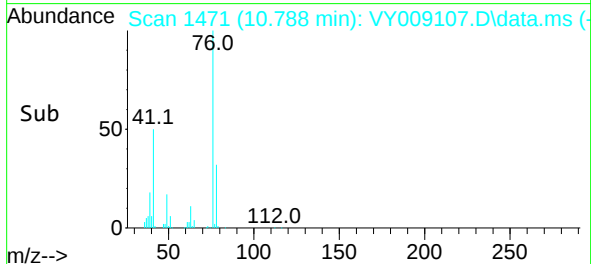
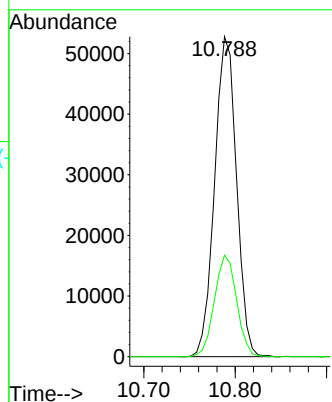
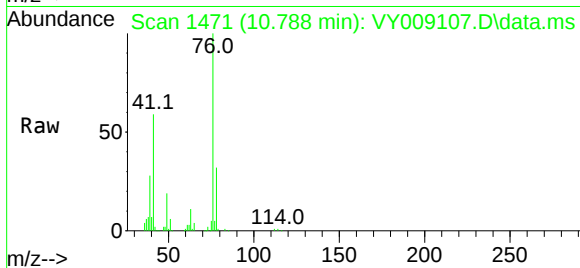
VSTDCCC050

Tgt Ion: 76 Resp: 87863

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.944 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY009107.D

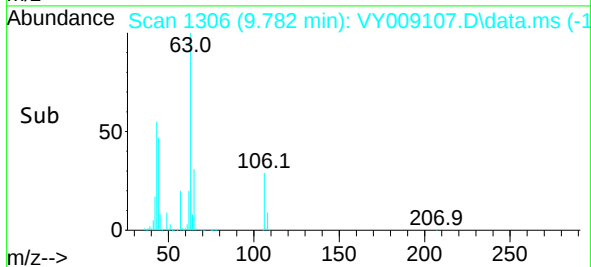
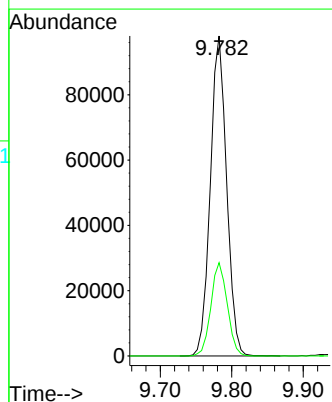
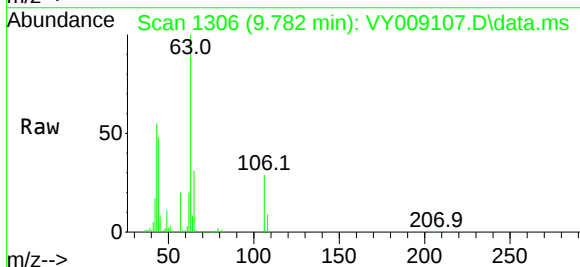
Acq: 26 May 2022 10:35

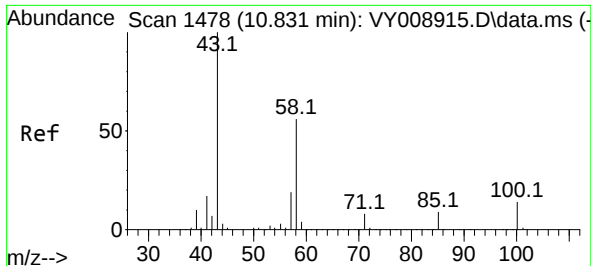
Tgt Ion: 63 Resp: 155218

Ion Ratio Lower Upper

63 100

106 29.2 21.5 32.3

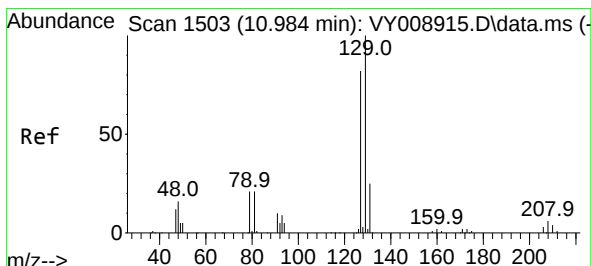
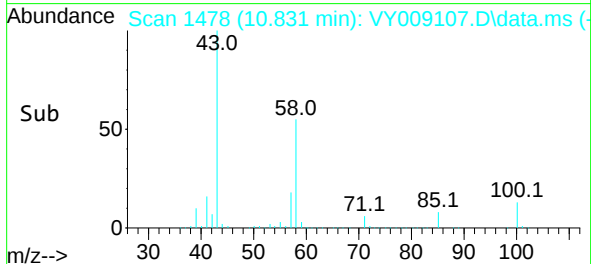
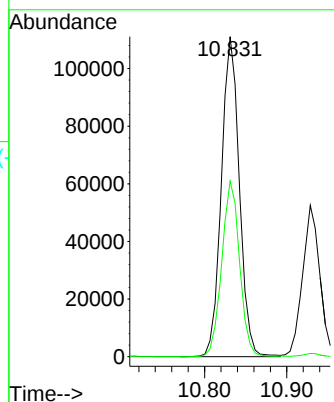
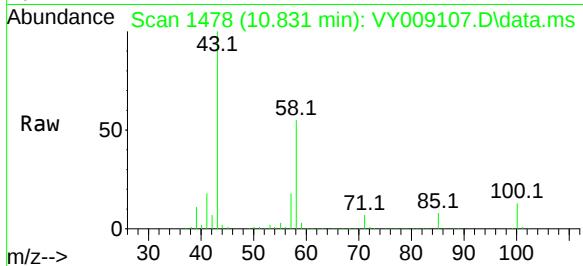




#59
2-Hexanone
Concen: 257.739 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

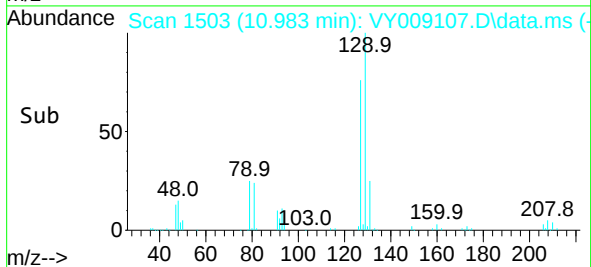
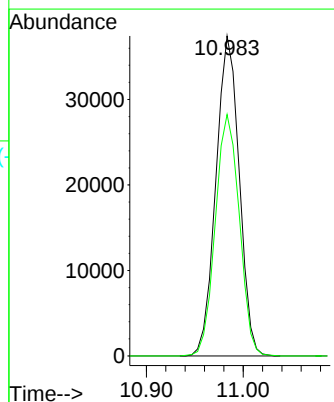
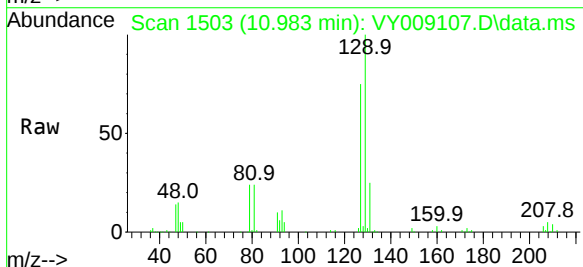
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

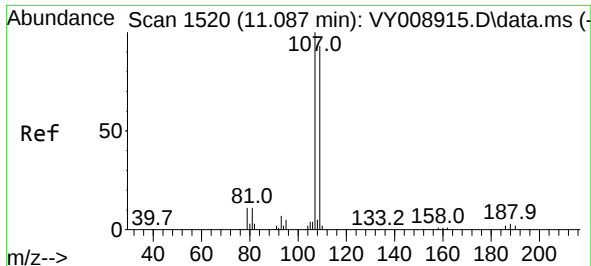
Tgt Ion: 43 Resp: 168998
Ion Ratio Lower Upper
43 100
58 54.5 24.4 73.4



#60
Dibromochloromethane
Concen: 46.711 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:129 Resp: 62573
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

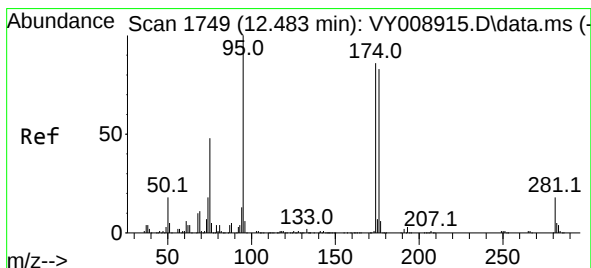
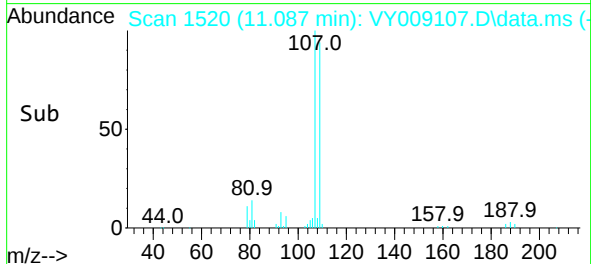
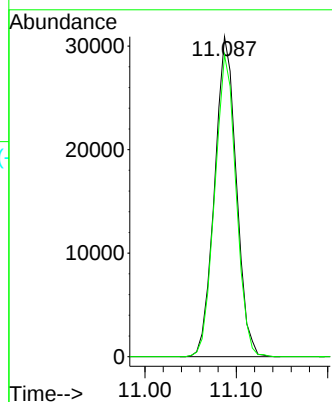
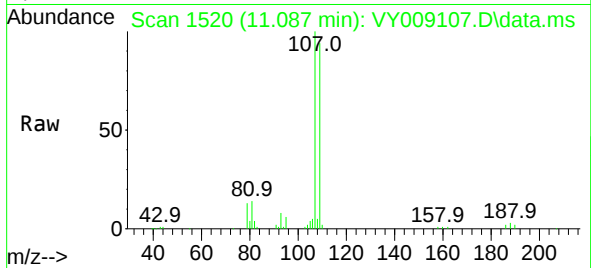




#61
1,2-Dibromoethane
Concen: 46.545 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

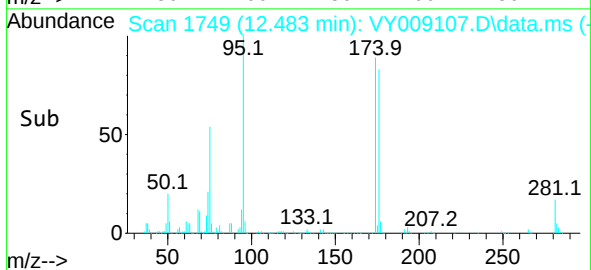
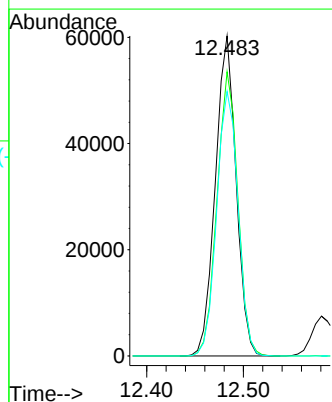
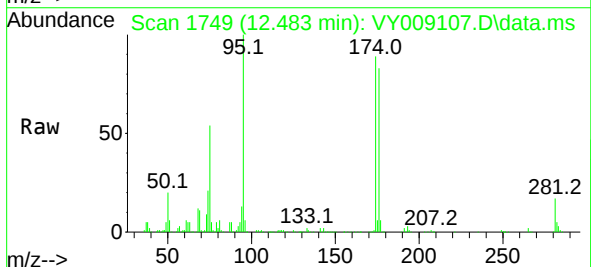
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

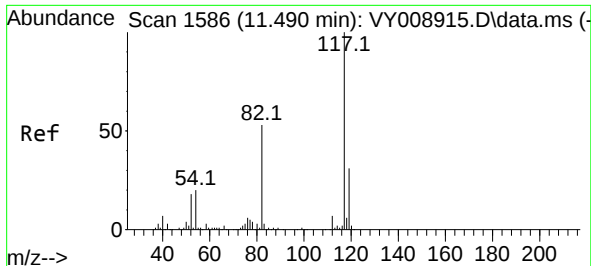
Tgt Ion:107 Resp: 50969
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 57.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 95 Resp: 89952
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 84.9 0.0 175.8

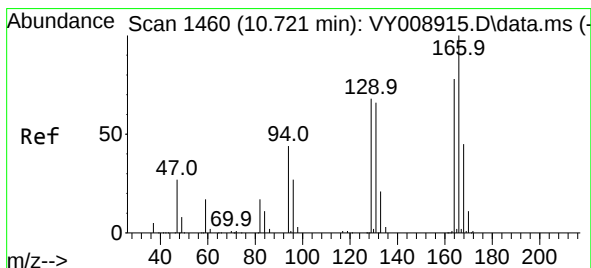
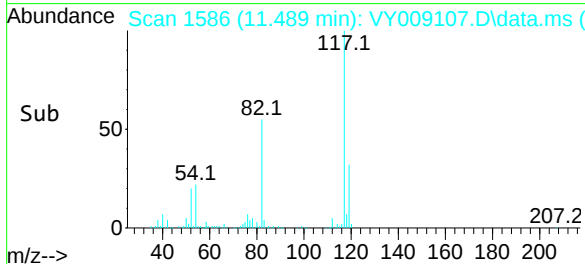
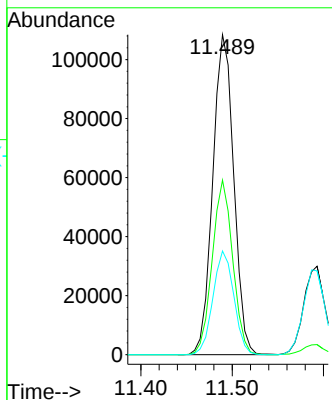
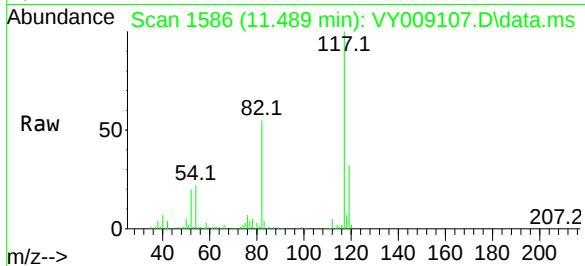




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

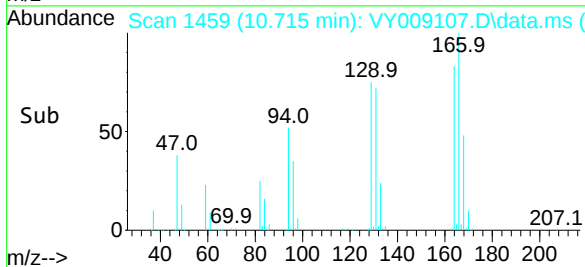
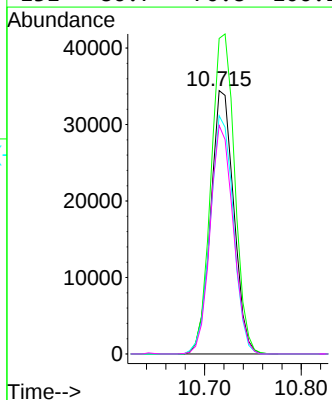
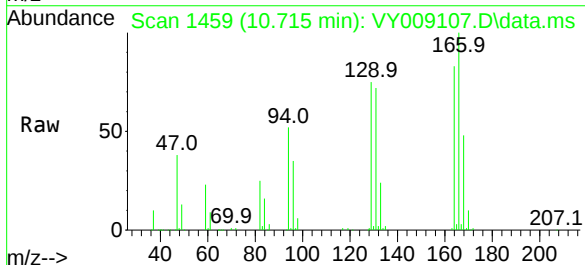
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

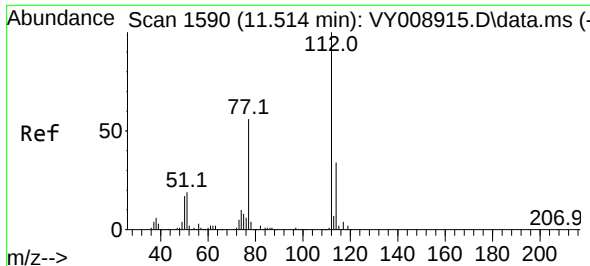
Tgt Ion:117 Resp: 172808
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 45.334 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:164 Resp: 57022
Ion Ratio Lower Upper
164 100
166 119.8 100.4 150.6
129 90.4 71.4 107.0
131 86.7 70.8 106.2

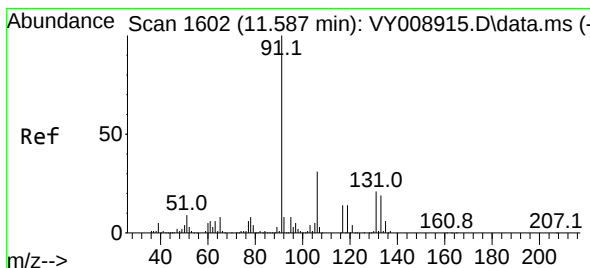
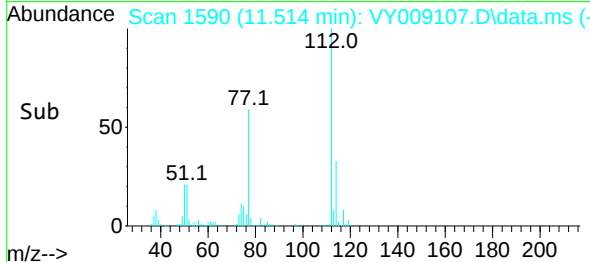
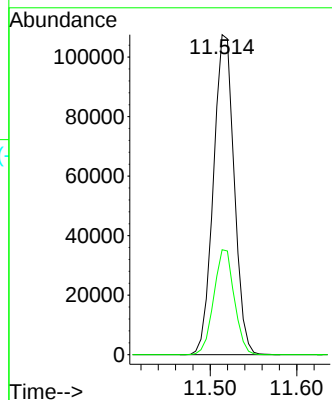
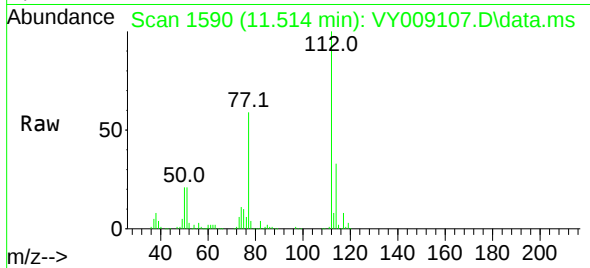




#65
Chlorobenzene
Concen: 45.119 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

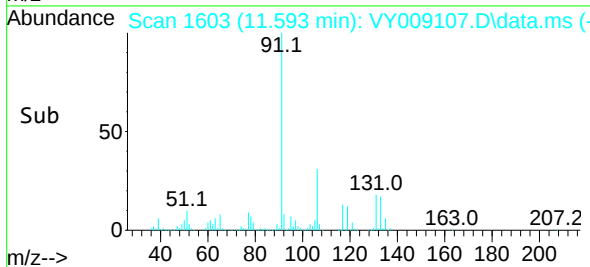
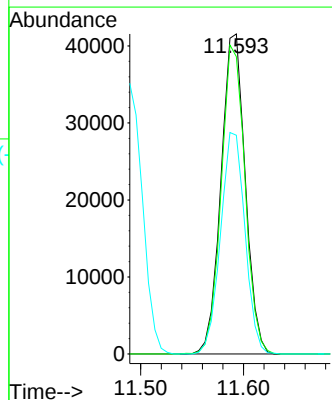
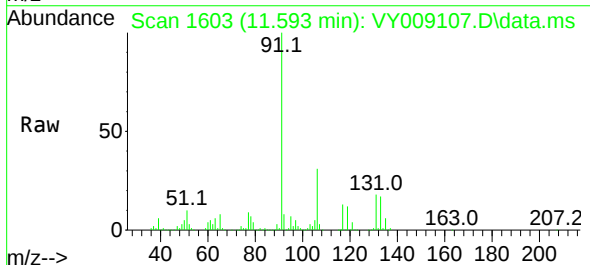
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

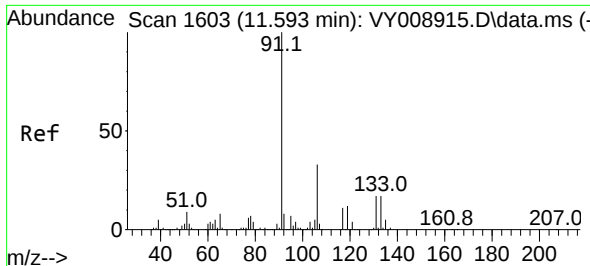
Tgt Ion:112 Resp: 178959
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.789 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:131 Resp: 67953
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 69.6 30.8 92.3





#67

Ethyl Benzene

Concen: 48.064 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

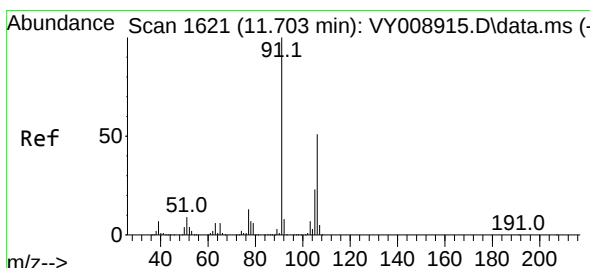
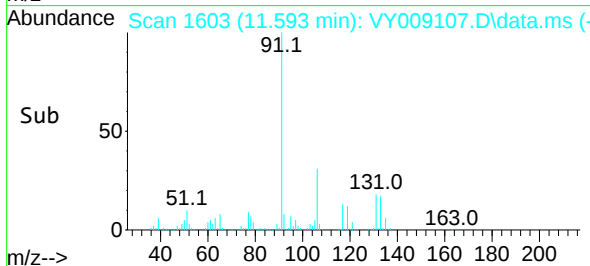
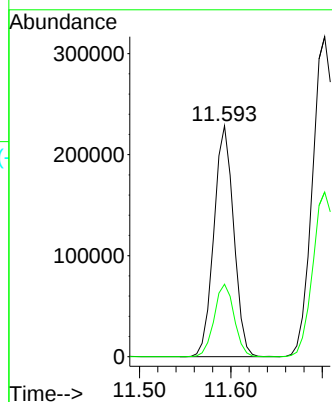
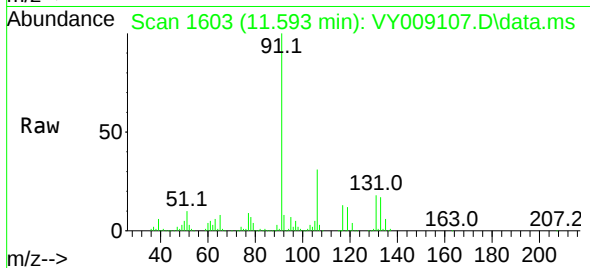
VSTDCCC050

Tgt Ion: 91 Resp: 343557

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.114 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009107.D

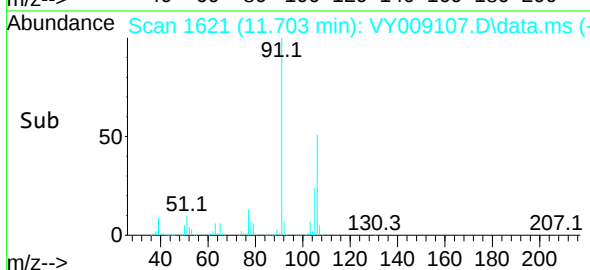
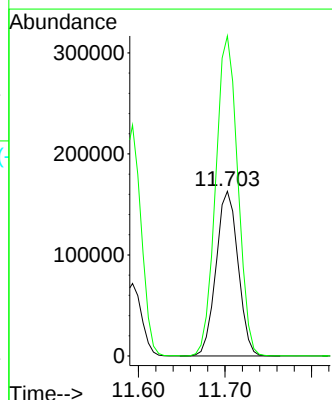
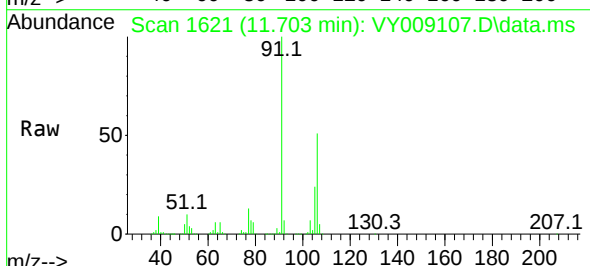
Acq: 26 May 2022 10:35

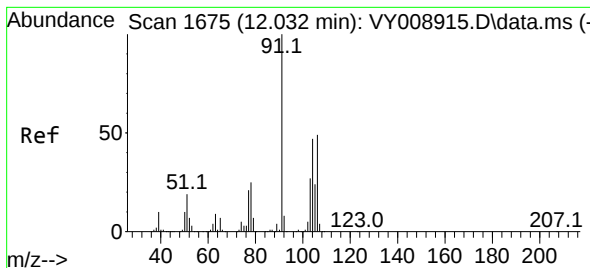
Tgt Ion:106 Resp: 287598

Ion Ratio Lower Upper

106 100

91 194.9 166.6 249.8

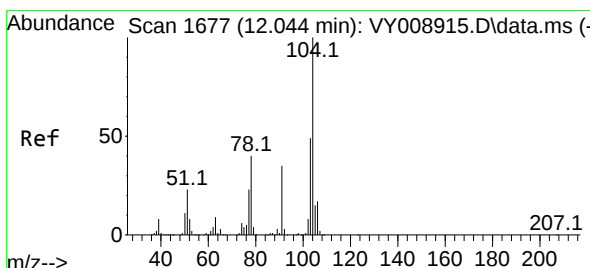
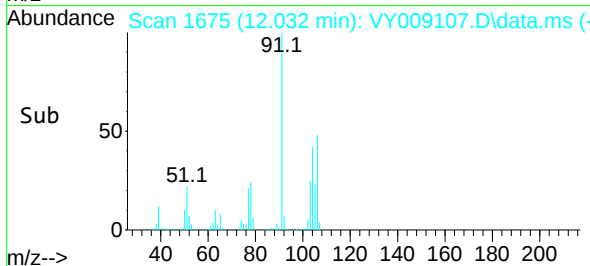
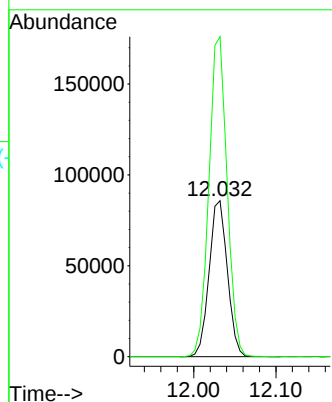
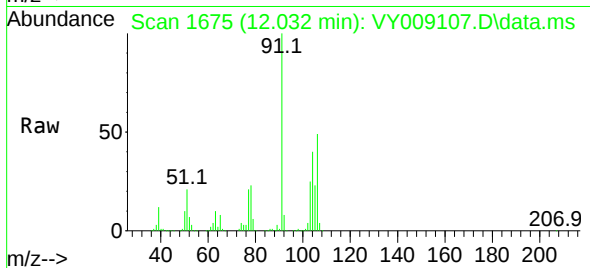




#69
o-Xylene
Concen: 48.996 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

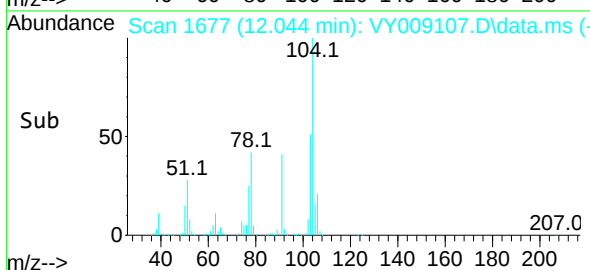
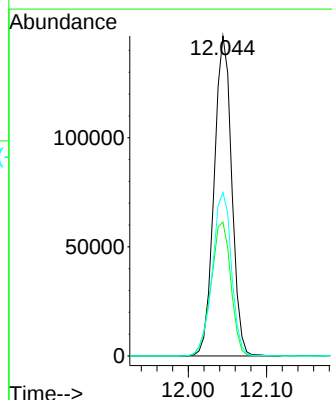
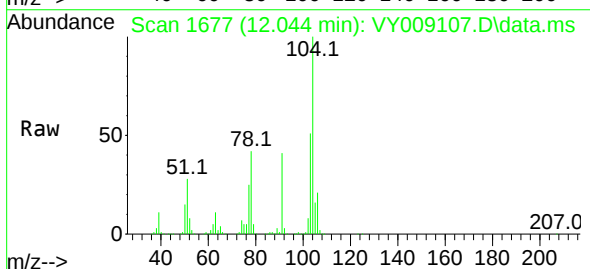
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

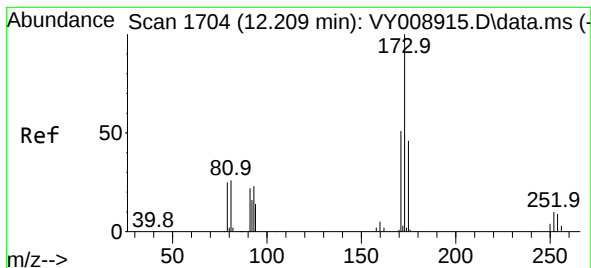
Tgt Ion:106 Resp: 132025
Ion Ratio Lower Upper
106 100
91 204.9 110.3 331.0



#70
Styrene
Concen: 49.421 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:104 Resp: 229012
Ion Ratio Lower Upper
104 100
78 47.0 42.4 63.6
103 55.3 44.4 66.6





#71

Bromoform

Concen: 46.402 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

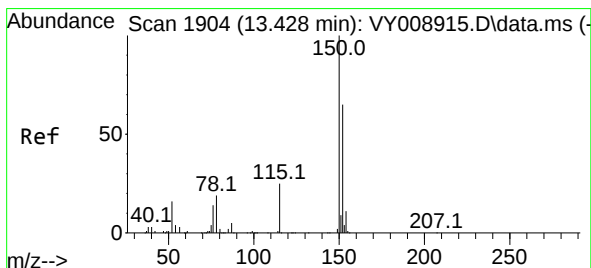
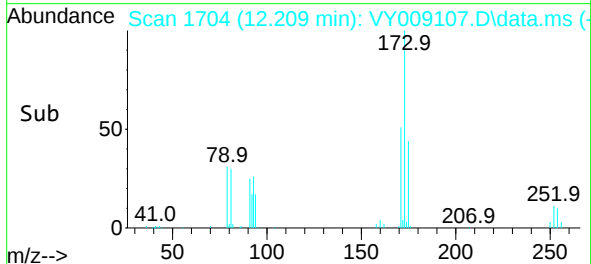
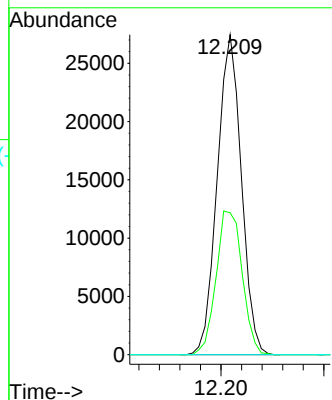
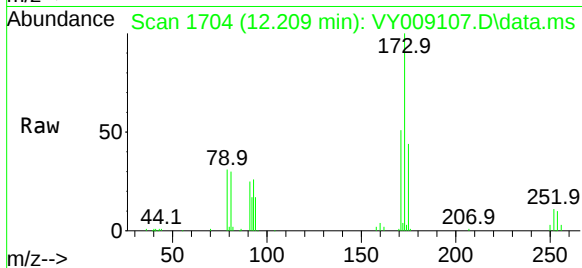
Tgt Ion:173 Resp: 44674

Ion Ratio Lower Upper

173 100

175 48.6 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: VY009107.D

Acq: 26 May 2022 10:35

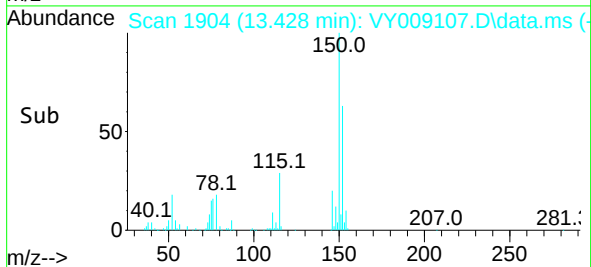
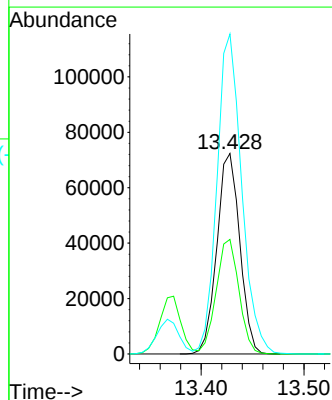
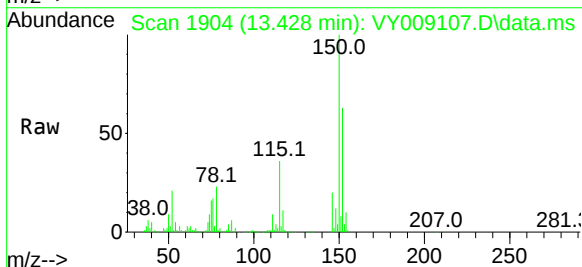
Tgt Ion:152 Resp: 112037

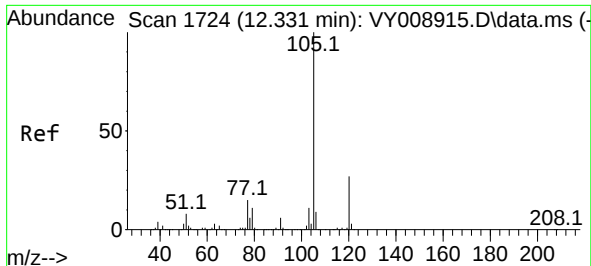
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 172.2 0.0 347.6

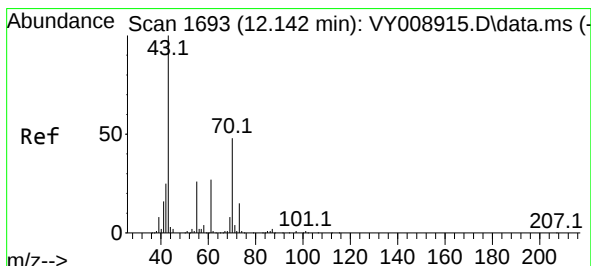
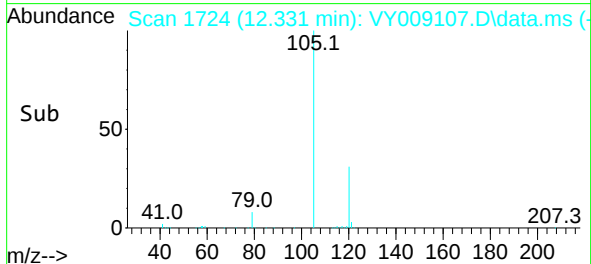
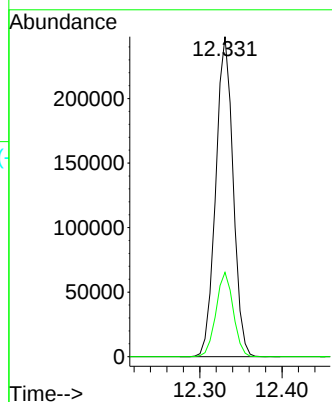
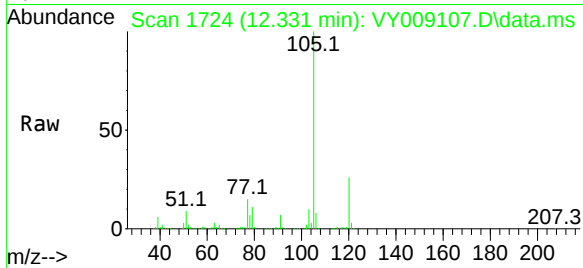




#73
Isopropylbenzene
Concen: 43.292 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

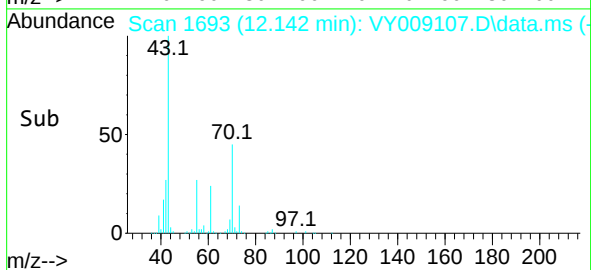
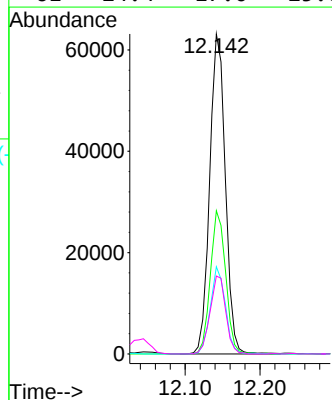
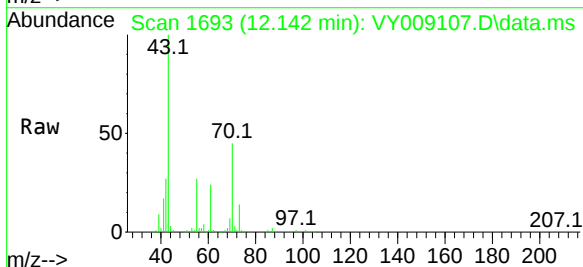
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

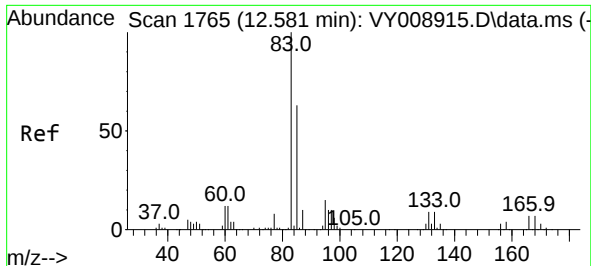
Tgt Ion:105 Resp: 362682
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2



#74
N-ethyl acetate
Concen: 47.519 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 43 Resp: 91849
Ion Ratio Lower Upper
43 100
70 43.9 28.7 43.1#
55 26.3 17.3 25.9#
61 24.4 17.0 25.6

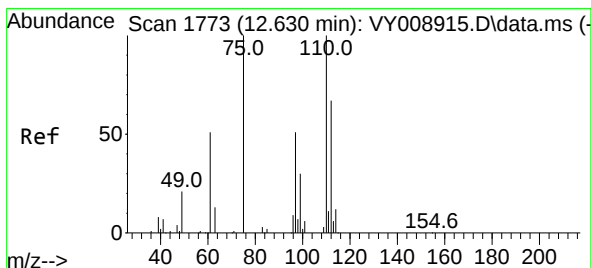
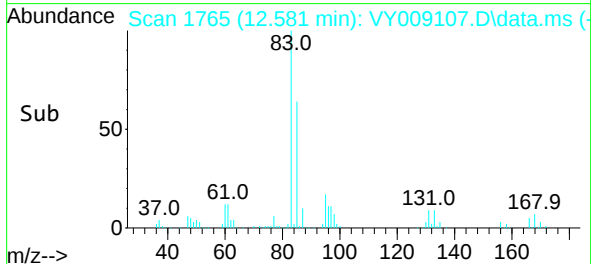
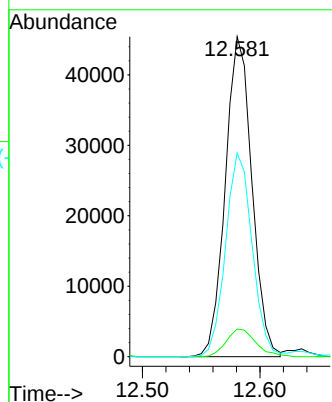
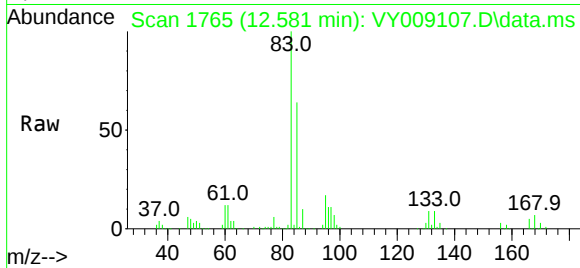




#75
1,1,2,2-Tetrachloroethane
Concen: 41.413 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

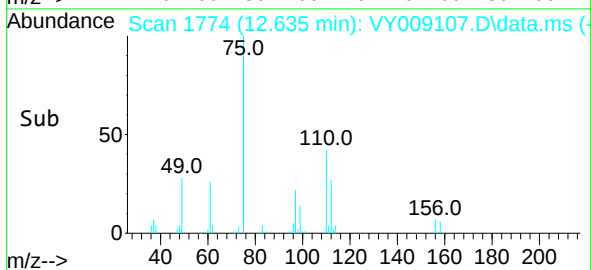
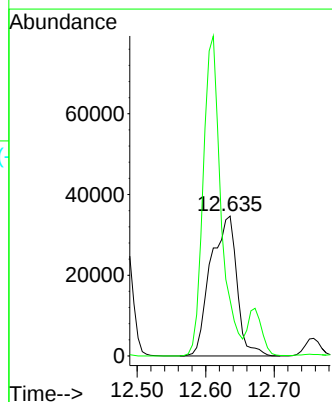
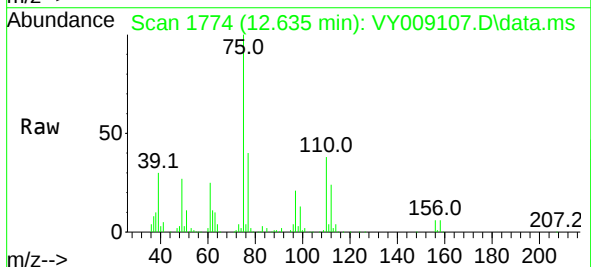
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

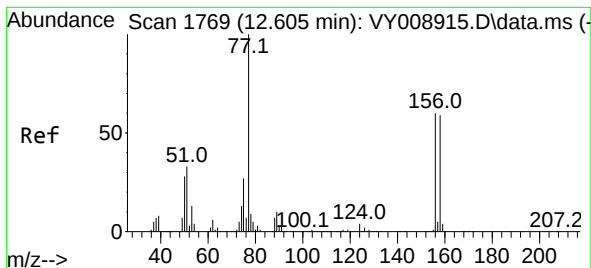
Tgt Ion: 83 Resp: 71468
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 63.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 76.888 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 75 Resp: 92507
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.271 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

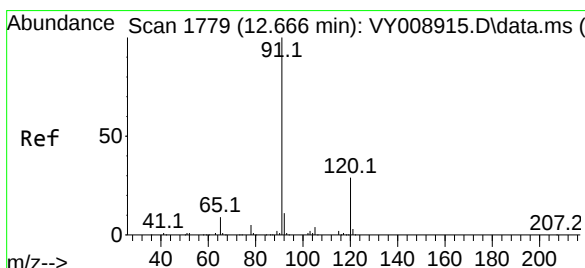
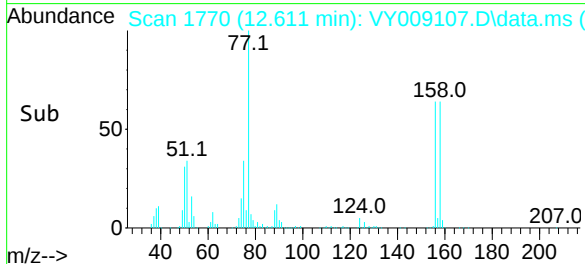
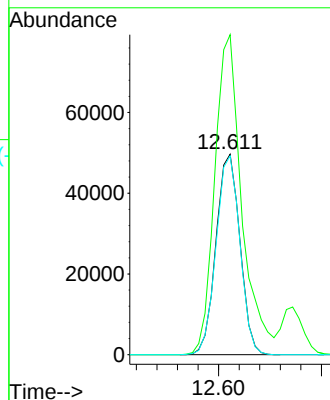
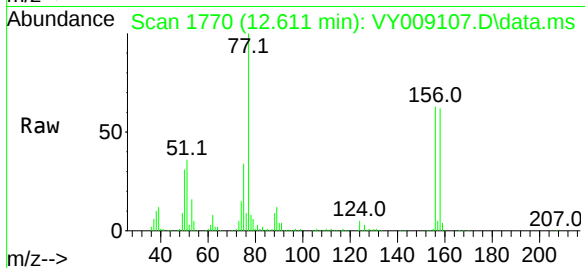
Tgt Ion:156 Resp: 80147

Ion Ratio Lower Upper

156 100

77 180.0 95.5 286.4

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 47.713 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009107.D

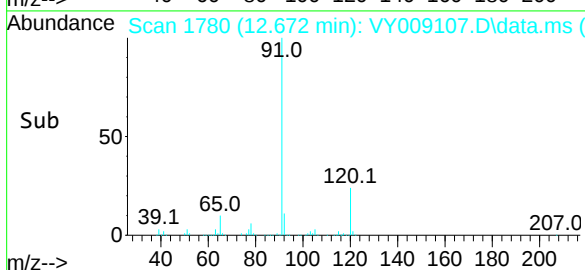
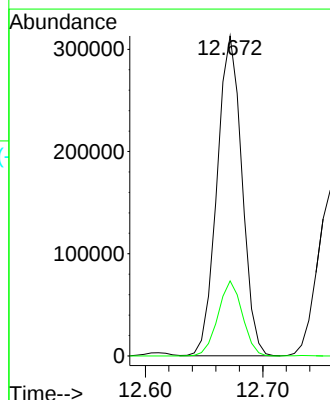
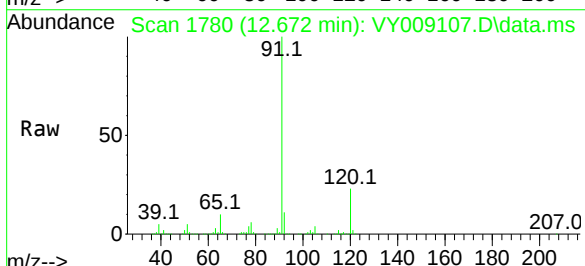
Acq: 26 May 2022 10:35

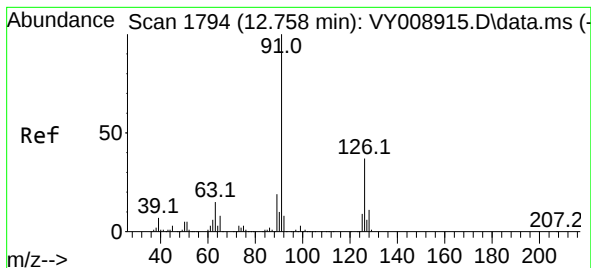
Tgt Ion: 91 Resp: 461814

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.9

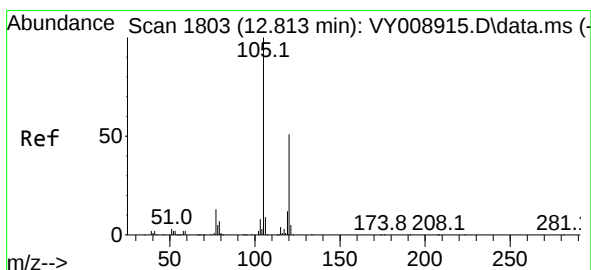
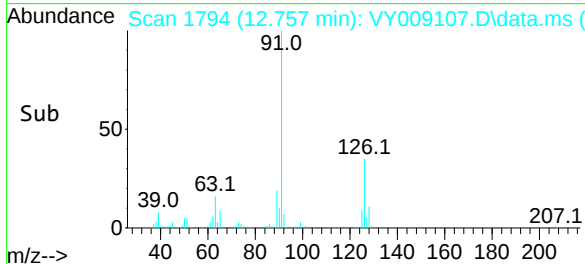
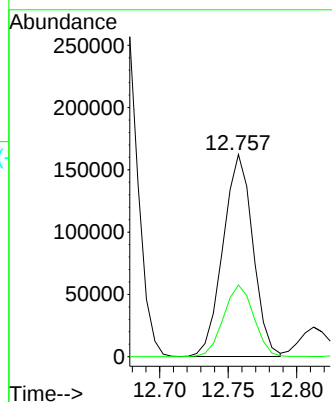
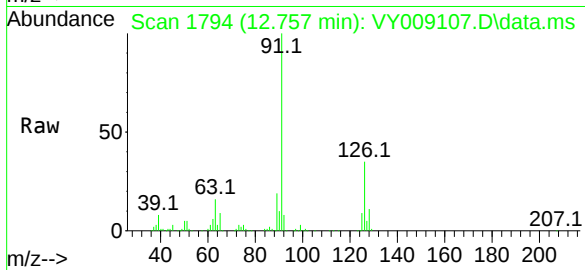




#79
2-Chlorotoluene
Concen: 44.138 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

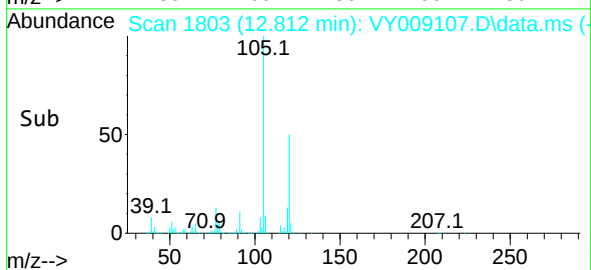
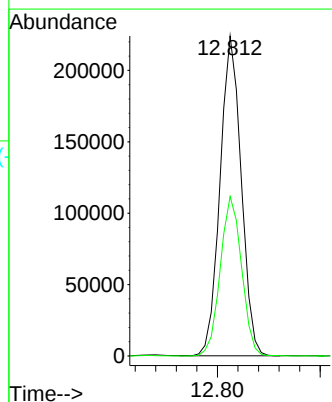
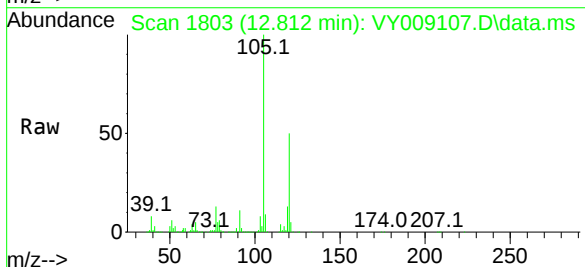
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

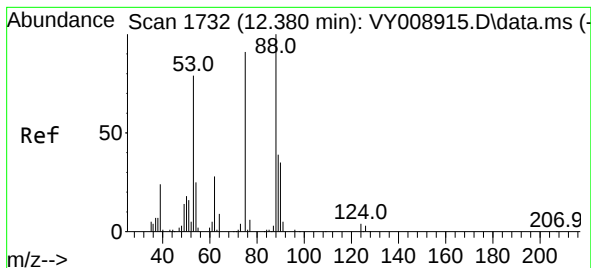
Tgt Ion: 91 Resp: 246426
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 45.502 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 105 Resp: 319511
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

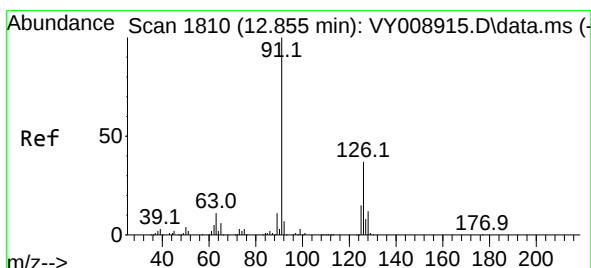
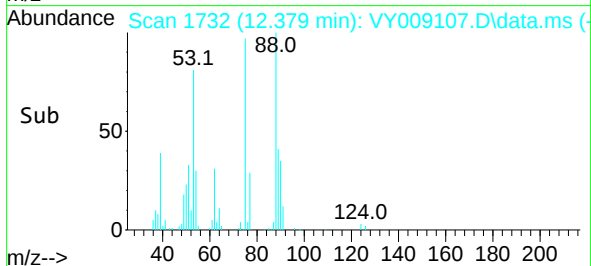
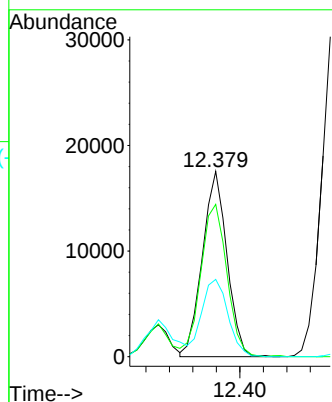
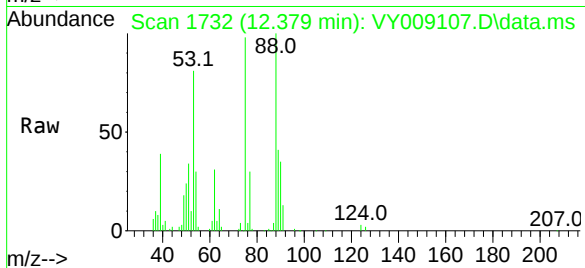




#81
trans-1,4-Dichloro-2-butene
Concen: 43.490 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

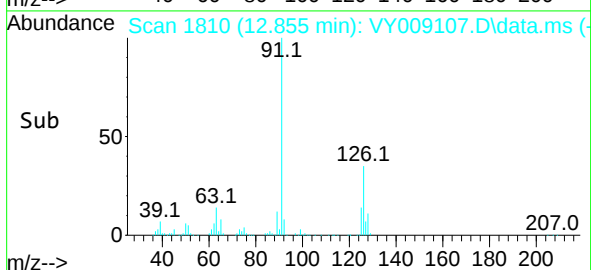
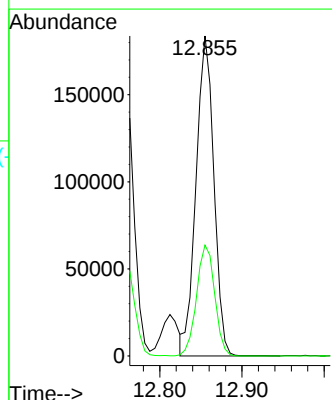
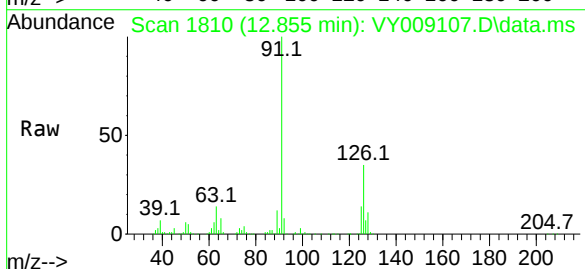
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

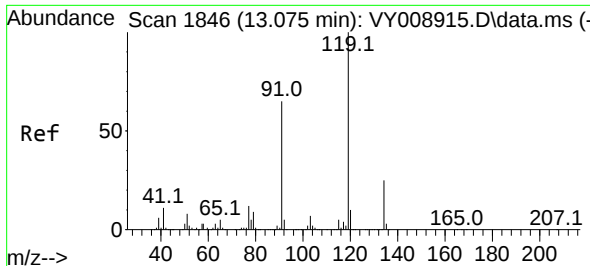
Tgt Ion: 75 Resp: 25493
Ion Ratio Lower Upper
75 100
53 87.1 85.3 127.9
89 44.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.297 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 91 Resp: 276463
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0

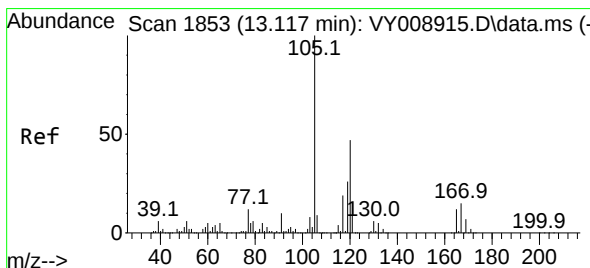
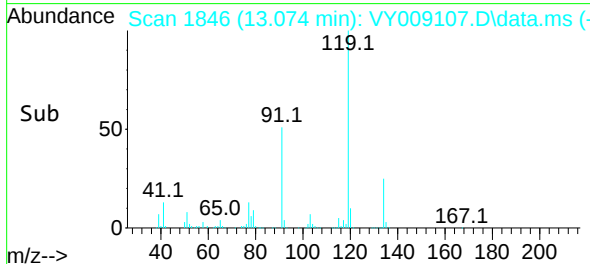
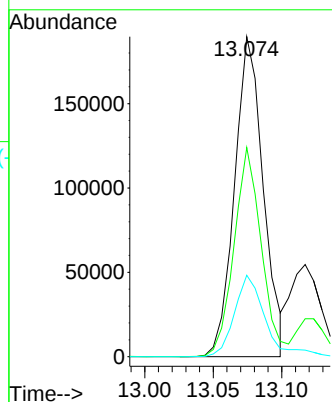
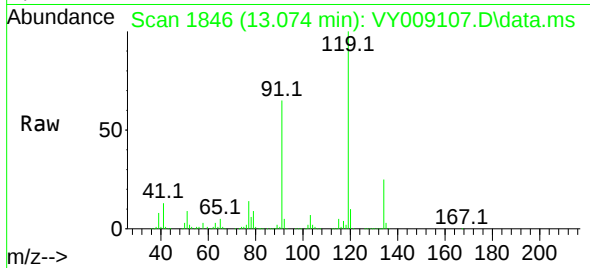




#83
tert-Butylbenzene
Concen: 44.425 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

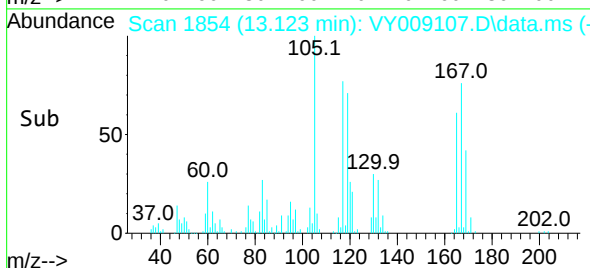
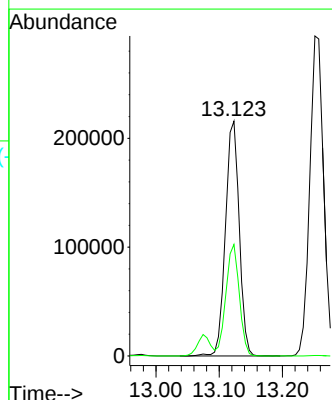
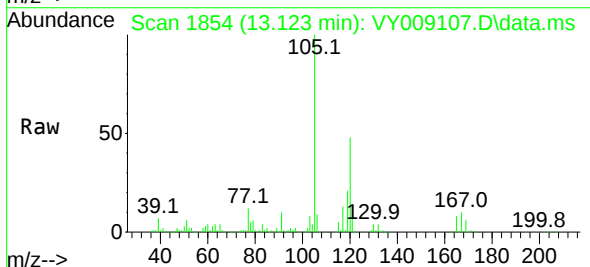
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

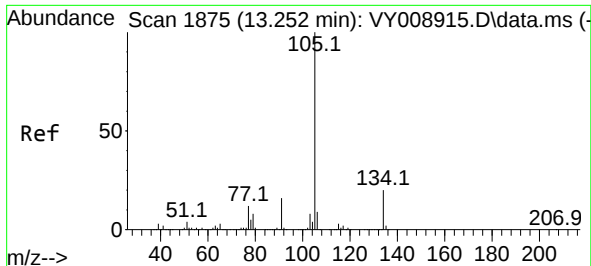
Tgt Ion:119 Resp: 276754
Ion Ratio Lower Upper
119 100
91 62.5 34.8 104.4
134 27.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 46.685 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion:105 Resp: 325423
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9

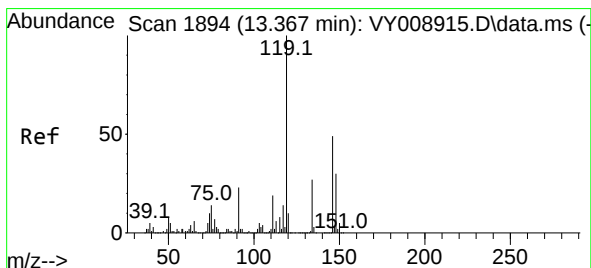
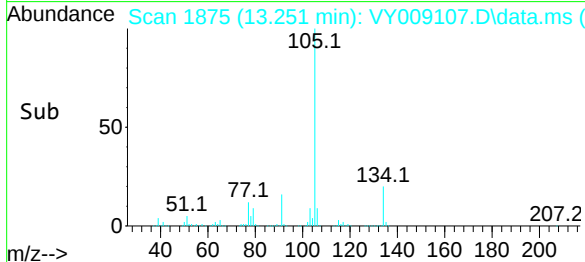
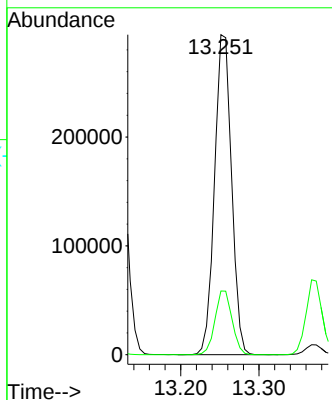
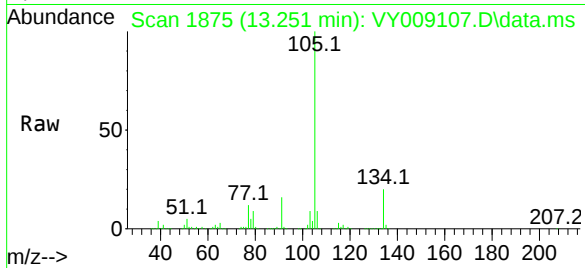




#85
 sec-Butylbenzene
 Concen: 46.600 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009107.D
 Acq: 26 May 2022 10:35

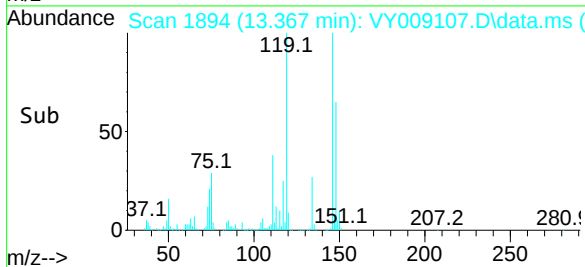
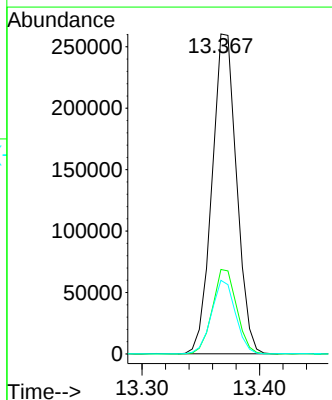
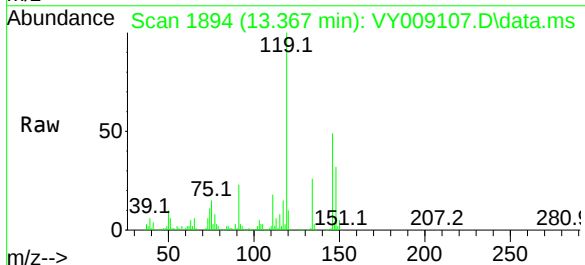
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

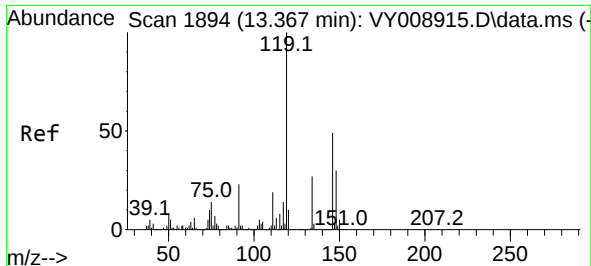
Tgt Ion:105 Resp: 444164
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.626 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009107.D
 Acq: 26 May 2022 10:35

Tgt Ion:119 Resp: 378544
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.332 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

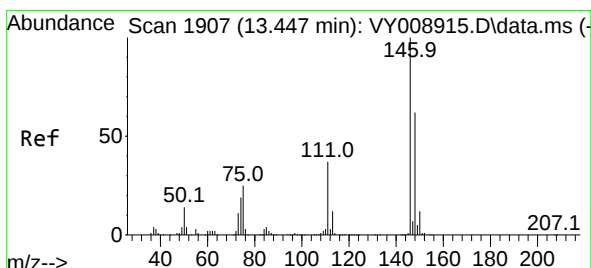
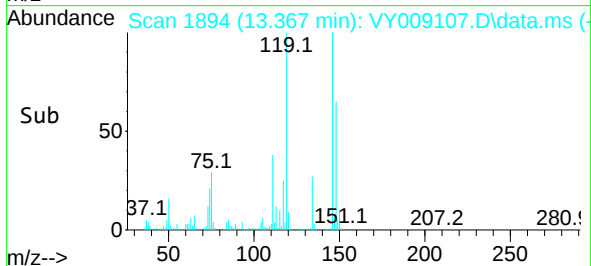
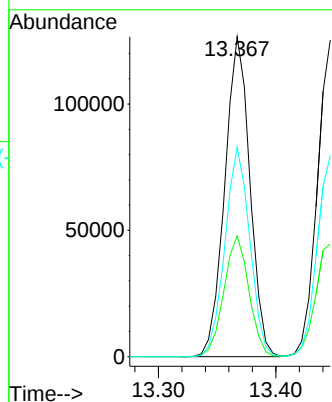
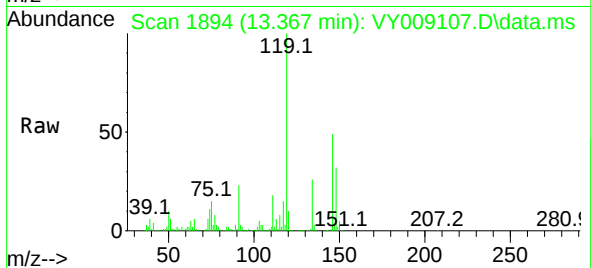
Tgt Ion:146 Resp: 187791

Ion Ratio Lower Upper

146 100

111 37.7 19.5 58.5

148 65.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 44.603 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

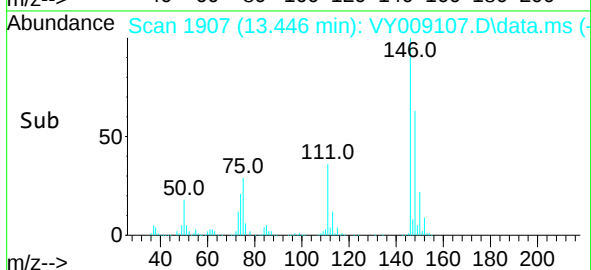
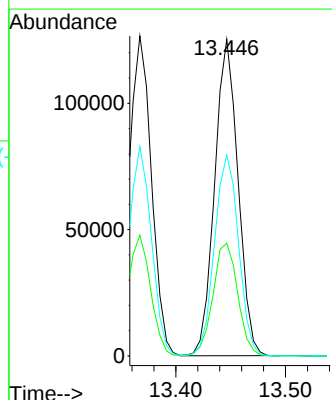
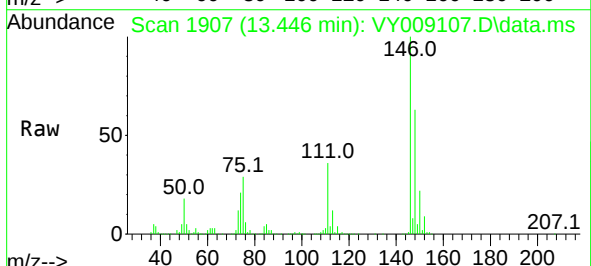
Tgt Ion:146 Resp: 185631

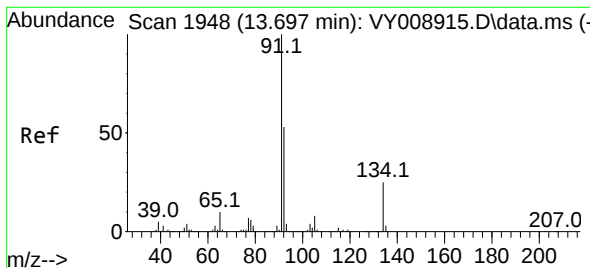
Ion Ratio Lower Upper

146 100

111 37.6 19.3 57.8

148 65.3 32.6 97.8





#89

n-Butylbenzene

Concen: 47.924 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

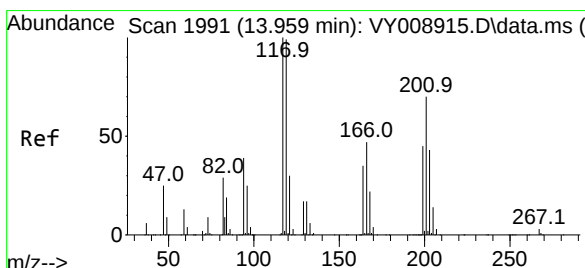
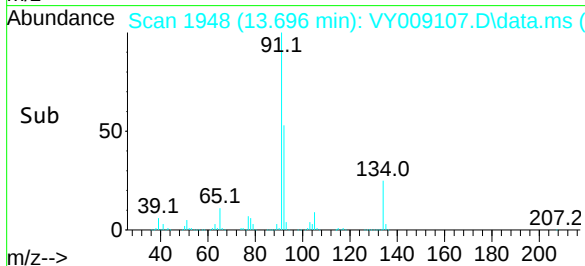
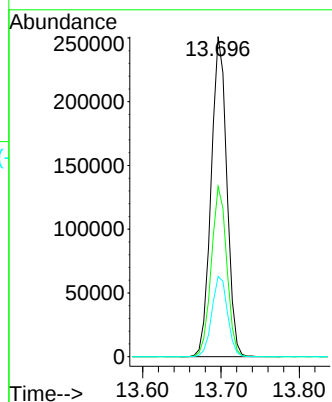
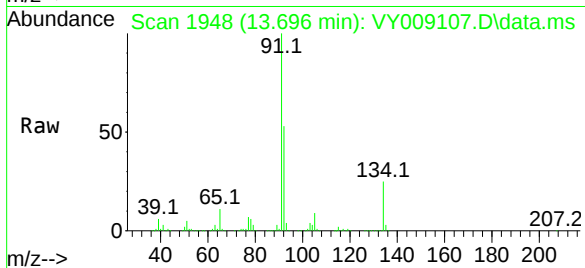
Tgt Ion: 91 Resp: 348484

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 25.0 13.0 38.9



#90

Hexachloroethane

Concen: 45.397 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY009107.D

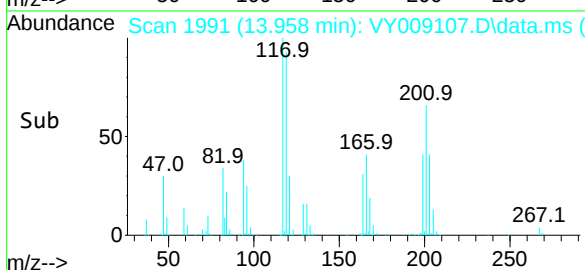
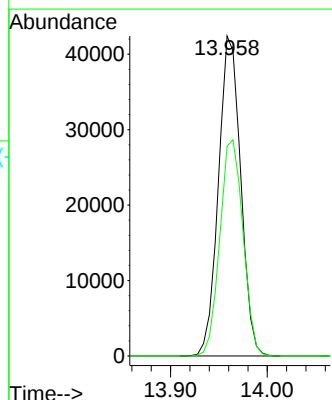
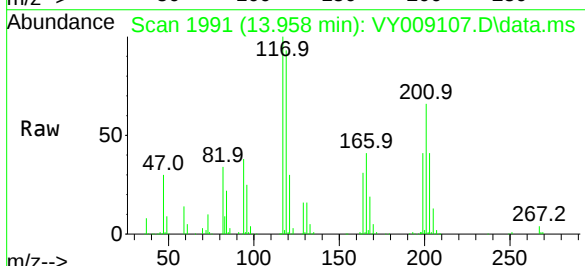
Acq: 26 May 2022 10:35

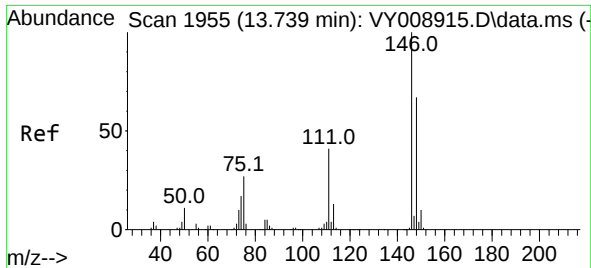
Tgt Ion: 117 Resp: 67620

Ion Ratio Lower Upper

117 100

201 70.3 43.0 128.8

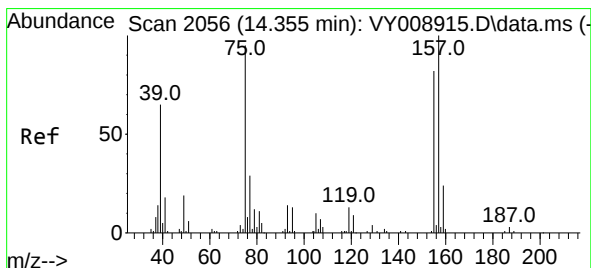
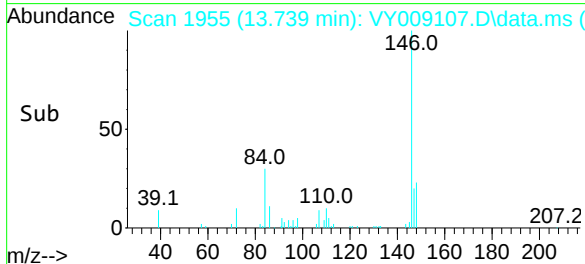
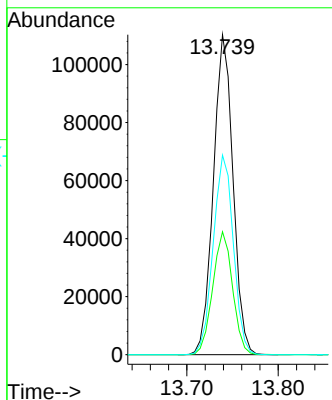
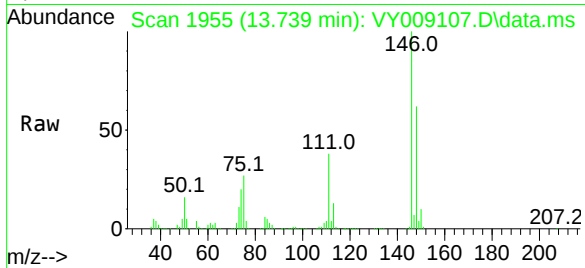




#91
1,2-Dichlorobenzene
Concen: 44.992 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

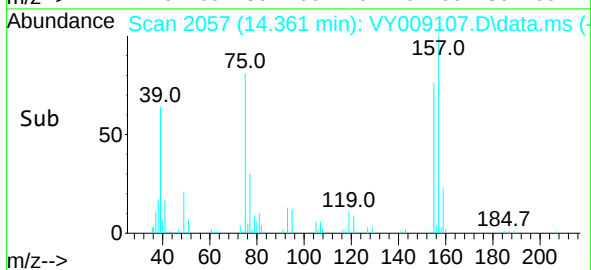
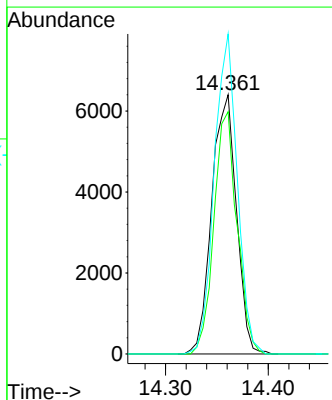
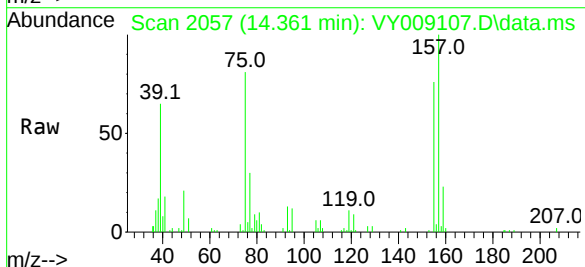
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

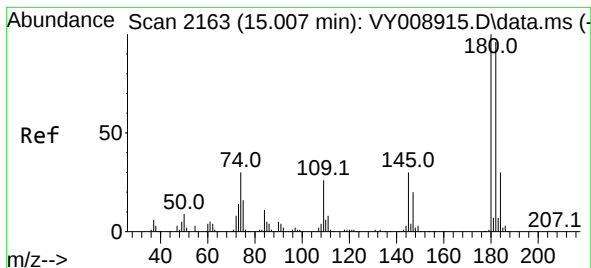
Tgt Ion:146 Resp: 164526
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 64.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.765 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009107.D
Acq: 26 May 2022 10:35

Tgt Ion: 75 Resp: 10654
Ion Ratio Lower Upper
75 100
155 87.6 38.0 113.9
157 115.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 40.568 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

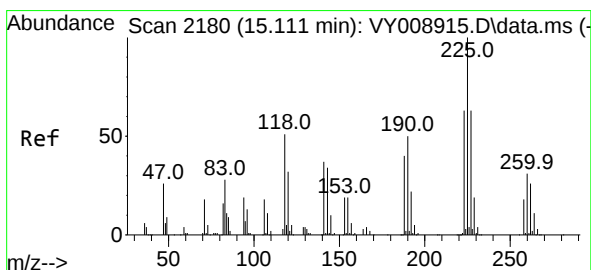
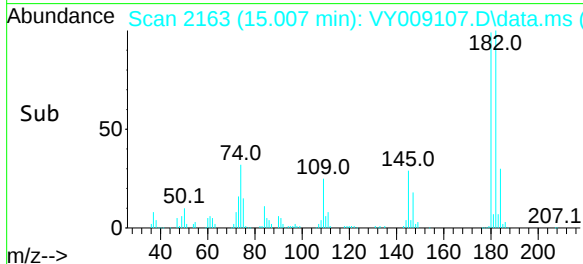
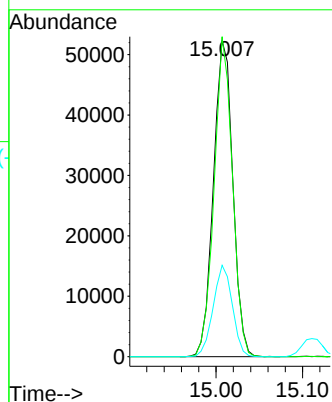
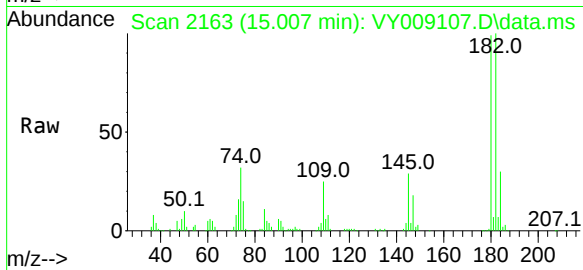
Tgt Ion:180 Resp: 81417

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 41.054 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

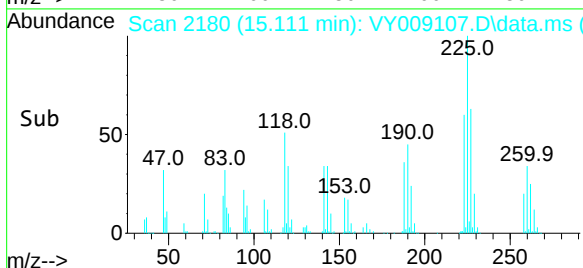
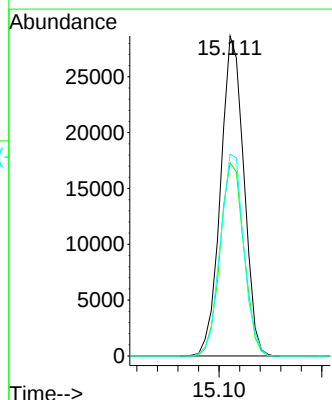
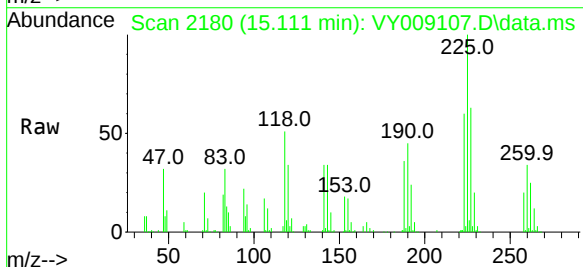
Tgt Ion:225 Resp: 44906

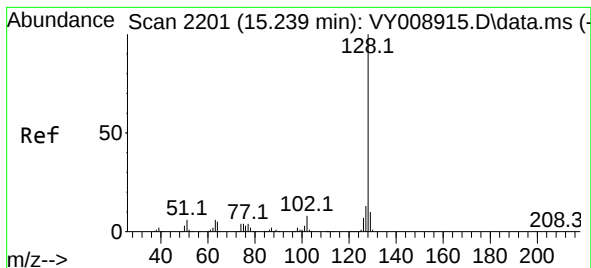
Ion Ratio Lower Upper

225 100

223 61.7 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 40.147 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

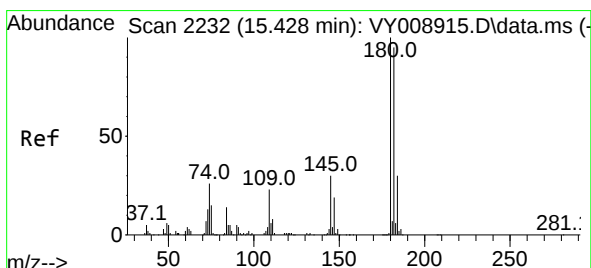
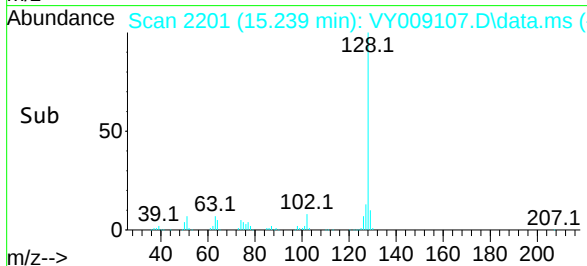
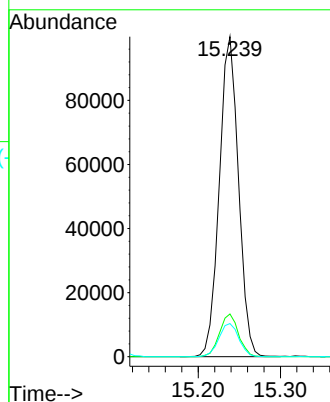
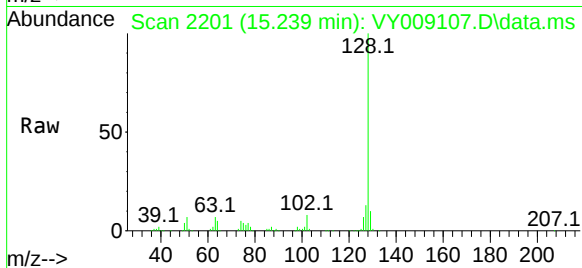
Tgt Ion:128 Resp: 161858

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 40.186 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY009107.D

Acq: 26 May 2022 10:35

Tgt Ion:180 Resp: 70083

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 29.7 15.3 45.9

