

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008512.D
 Acq On : 26 Apr 2022 18:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 27 01:24:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56682	53.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.716	113	55478	55.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.179	98	207027	51.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	12.483	95	71511	52.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	36798	45.077	ug/l	97
3) Chloromethane	2.113	50	70940	55.225	ug/l	96
4) Vinyl Chloride	2.247	62	95530	57.234	ug/l	100
5) Bromomethane	2.650	94	86455	55.706	ug/l	97
6) Chloroethane	2.790	64	64274	57.882	ug/l	99
7) Trichlorofluoromethane	3.125	101	84277	48.741	ug/l	95
8) Diethyl Ether	3.528	74	29313	49.257	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	51059	49.606	ug/l	95
10) Methyl Iodide	4.095	142	57997	43.011	ug/l	91
11) Tert butyl alcohol	4.948	59	26678	248.944	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	48072	49.470	ug/l #	79
13) Acrolein	3.729	56	24901	221.123	ug/l	98
14) Allyl chloride	4.473	41	66282	52.258	ug/l #	87
15) Acrylonitrile	5.161	53	78875	259.220	ug/l	98
16) Acetone	3.948	43	54581	221.548	ug/l #	88
17) Carbon Disulfide	4.192	76	142798	48.606	ug/l	100
18) Methyl Acetate	4.479	43	34470	49.891	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	156696	50.962	ug/l	94
20) Methylene Chloride	4.710	84	62375	48.497	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	60009	50.625	ug/l #	81
22) Diisopropyl ether	6.119	45	163113	53.253	ug/l #	93
23) Vinyl Acetate	6.058	43	570476	271.660	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	102501	53.761	ug/l	98
25) 2-Butanone	6.984	43	98884	259.443	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	89501	50.684	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	72676	53.600	ug/l	82
28) Bromochloromethane	7.332	49	40438	52.580	ug/l #	74
29) Tetrahydrofuran	7.344	42	65909	268.485	ug/l #	76
30) Chloroform	7.503	83	112385	53.654	ug/l	99
31) Cyclohexane	7.783	56	84680	48.699	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	98016	53.440	ug/l	96
36) 1,1-Dichloropropene	7.917	75	82663	51.645	ug/l	97
37) Ethyl Acetate	7.070	43	46744	52.807	ug/l #	93
38) Carbon Tetrachloride	7.899	117	87619	52.687	ug/l	96
39) Methylcyclohexane	9.185	83	106916	52.169	ug/l #	84
40) Benzene	8.161	78	247511	53.004	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	62554	145.722	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	74519	53.005	ug/l	92
43) Isopropyl Acetate	8.271	43	86909	53.384	ug/l #	87
44) Trichloroethene	8.941	130	67324	52.332	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60226	53.708	ug/l	97
46) Dibromomethane	9.301	93	41447	52.757	ug/l	94
47) Bromodichloromethane	9.496	83	89564	53.705	ug/l	98
48) Methyl methacrylate	9.295	41	38099	55.040	ug/l #	78
49) 1,4-Dioxane	9.301	88	10944	1104.711	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	237414	277.219	ug/l #	86
52) Toluene	10.246	92	166275	53.844	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	95761	53.544	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	103194	52.068	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	56475	52.669	ug/l	98
56) Ethyl methacrylate	10.508	69	76066	54.941	ug/l #	76
57) 1,3-Dichloropropane	10.789	76	93599	53.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	190712	251.341	ug/l	92
59) 2-Hexanone	10.831	43	165016	279.999	ug/l	83
60) Dibromochloromethane	10.984	129	67197	54.546	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56415	53.195	ug/l	100
64) Tetrachloroethene	10.721	164	58126	51.536	ug/l	99
65) Chlorobenzene	11.514	112	181017	52.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	67884	53.467	ug/l	97
67) Ethyl Benzene	11.593	91	316975	53.109	ug/l	97
68) m/p-Xylenes	11.703	106	255356	106.814	ug/l	91
69) o-Xylene	12.032	106	123269	53.559	ug/l	90
70) Styrene	12.044	104	210186	54.191	ug/l	94
71) Bromoform	12.209	173	42213	53.052	ug/l #	98
73) Isopropylbenzene	12.331	105	314307	52.734	ug/l	100
74) N-amyl acetate	12.142	43	80463	54.637	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	70816	53.176	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	87210	85.722	ug/l #	100
77) Bromobenzene	12.611	156	74711	51.397	ug/l	95
78) n-propylbenzene	12.672	91	379140	53.033	ug/l	99
79) 2-Chlorotoluene	12.758	91	210182	52.236	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	260947	52.746	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	23295	53.120	ug/l #	85
82) 4-Chlorotoluene	12.855	91	222243	53.301	ug/l	97
83) tert-Butylbenzene	13.075	119	229687	53.481	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	258766	52.715	ug/l	96
85) sec-Butylbenzene	13.251	105	346892	53.521	ug/l	100
86) p-Isopropyltoluene	13.367	119	288485	53.147	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	149263	51.290	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	148861	51.637	ug/l	98
89) n-Butylbenzene	13.697	91	261383	53.055	ug/l	99
90) Hexachloroethane	13.959	117	53981	55.315	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	133008	51.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10283	51.381	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	72201	50.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	35362	50.316	ug/l	98
95) Naphthalene	15.239	128	164137	50.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61686	48.929	ug/l	99

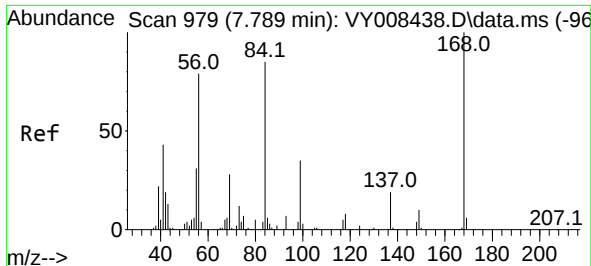
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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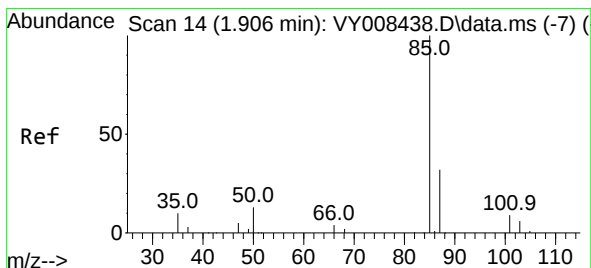
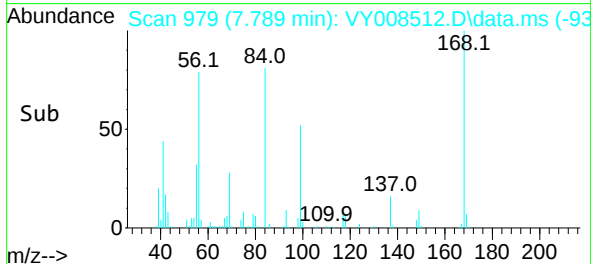
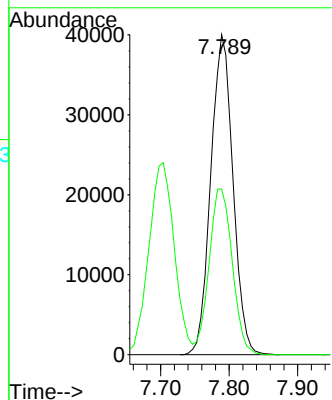
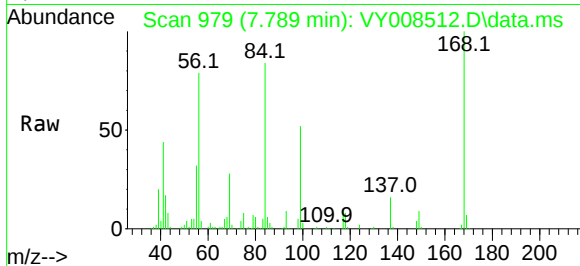
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

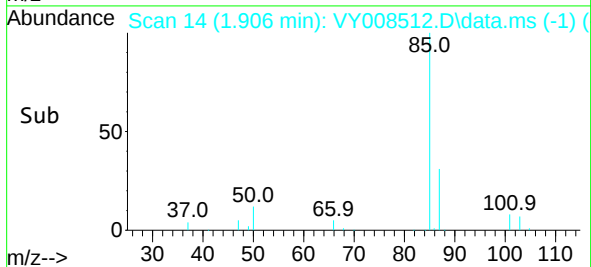
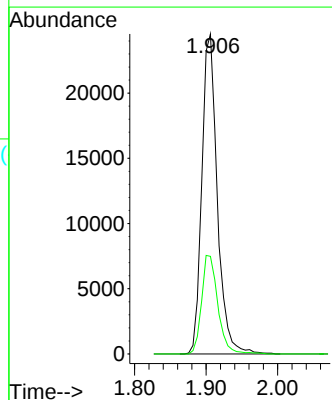
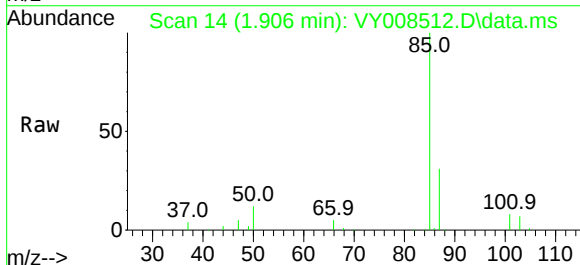
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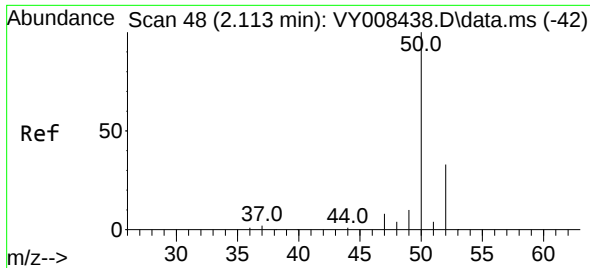
Tgt Ion:168 Resp: 89894
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 45.077 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 85 Resp: 36798
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.2

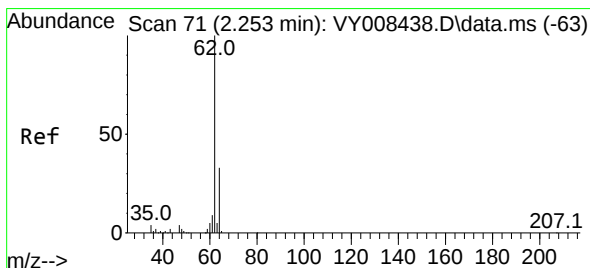
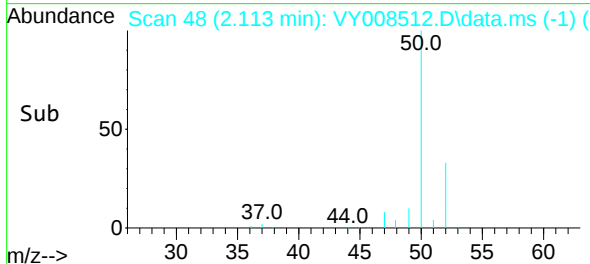
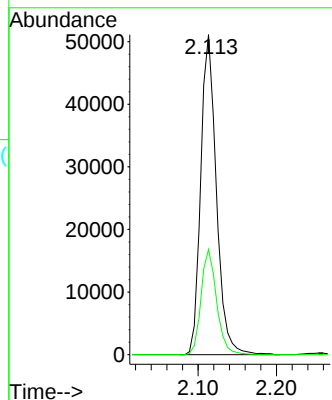
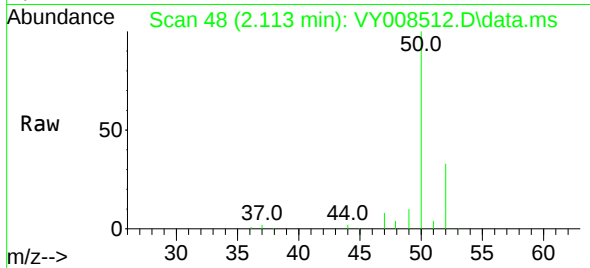




#3
Chloromethane
Concen: 55.225 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

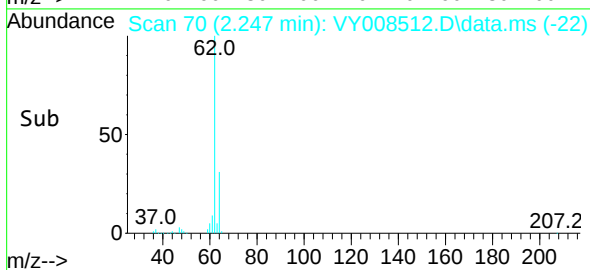
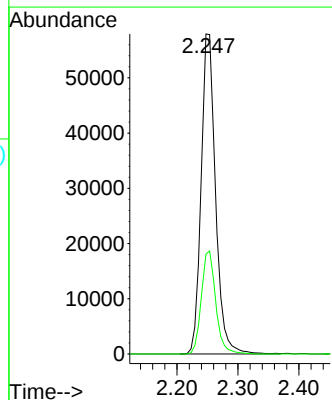
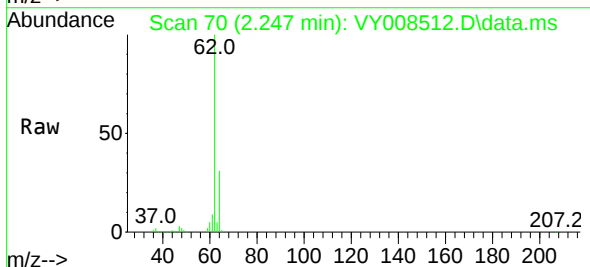
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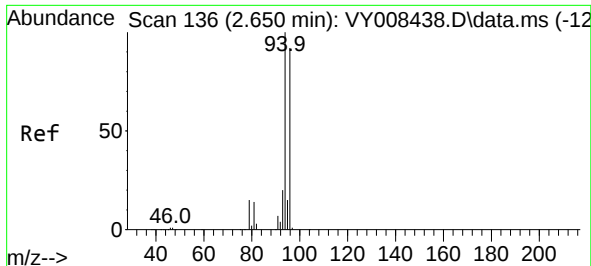
Tgt Ion: 50 Resp: 70940
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 57.234 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 62 Resp: 95530
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

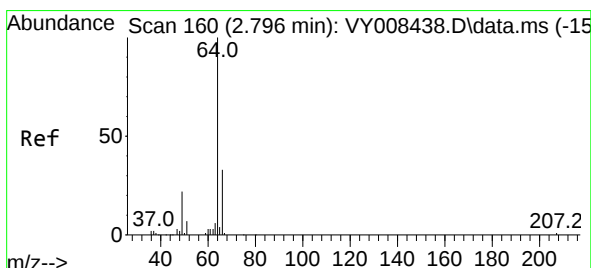
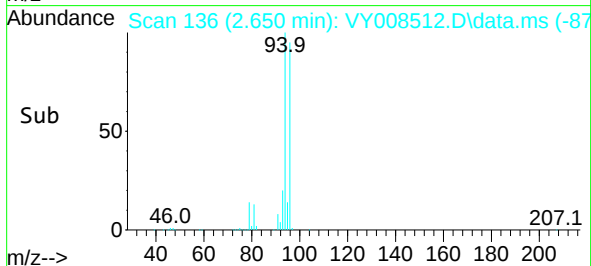
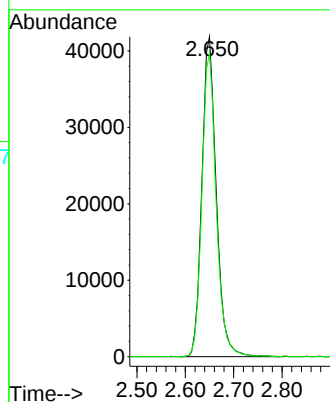
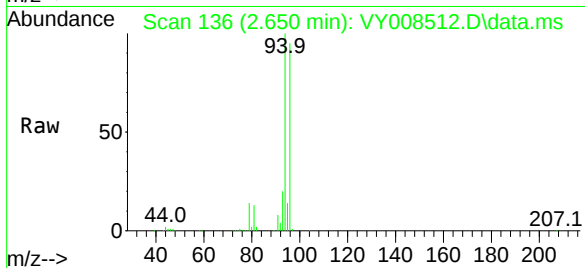




#5
Bromomethane
Concen: 55.706 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

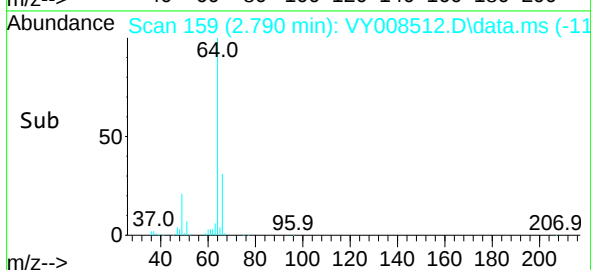
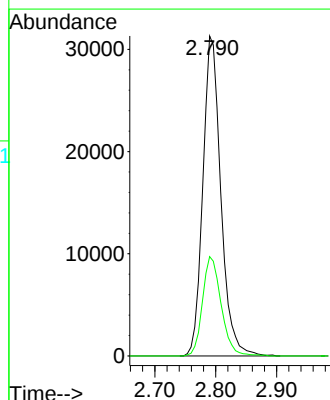
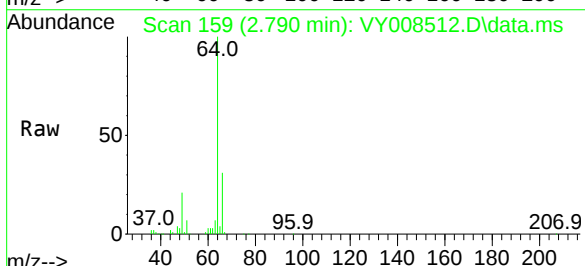
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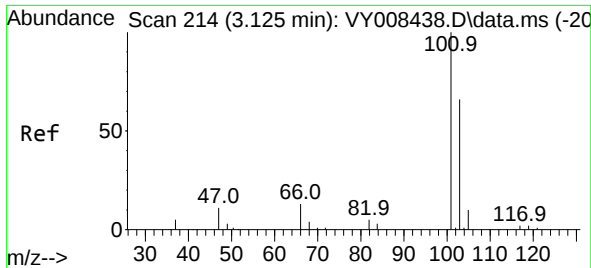
Tgt Ion: 94 Resp: 86455
Ion Ratio Lower Upper
94 100
96 94.7 73.5 110.3



#6
Chloroethane
Concen: 57.882 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 64 Resp: 64274
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

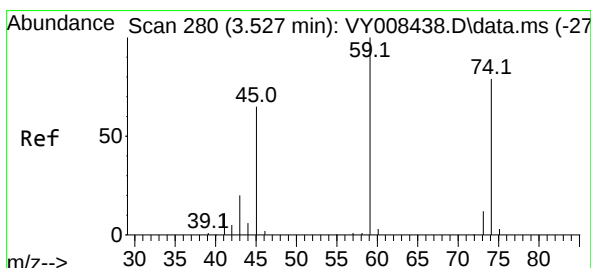
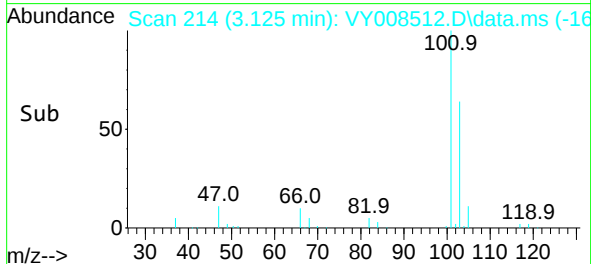
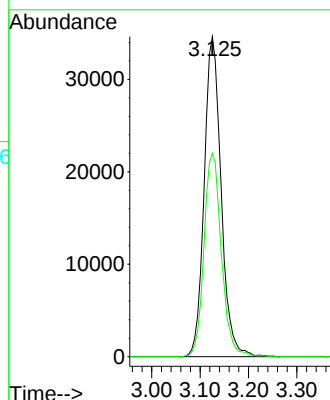
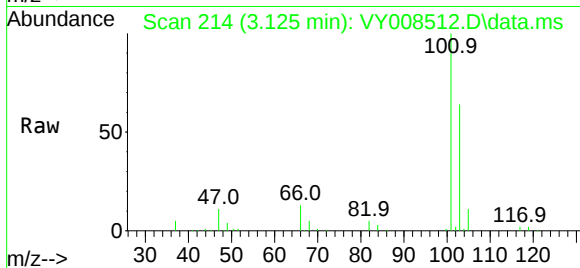




#7
Trichlorofluoromethane
Concen: 48.741 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

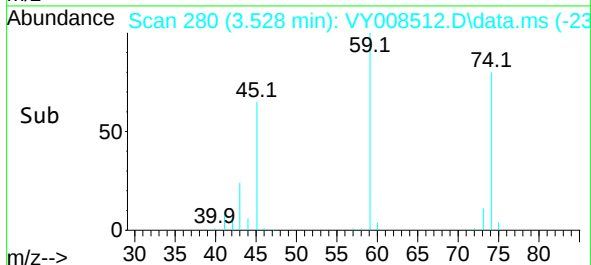
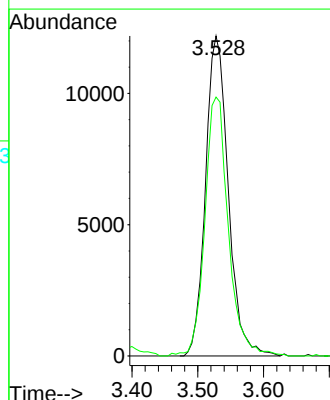
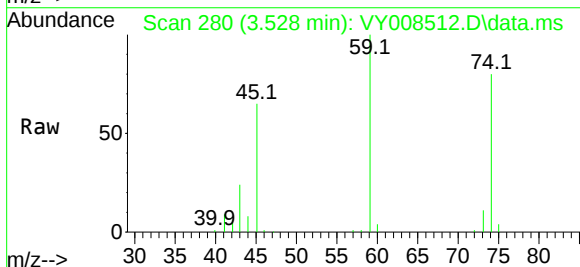
Instrument :
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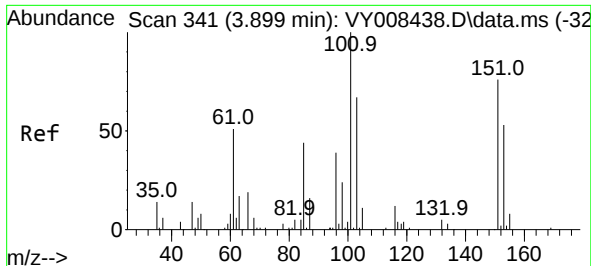
Tgt Ion:101 Resp: 84277
Ion Ratio Lower Upper
101 100
103 63.6 48.0 72.0



#8
Diethyl Ether
Concen: 49.257 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 74 Resp: 29313
Ion Ratio Lower Upper
74 100
45 83.7 55.1 165.5

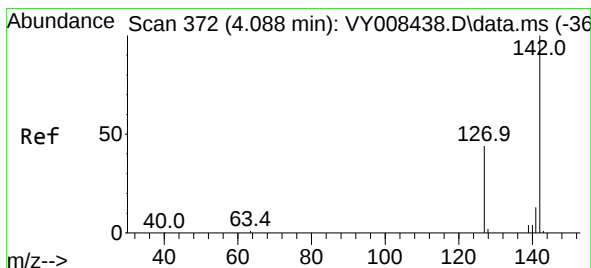
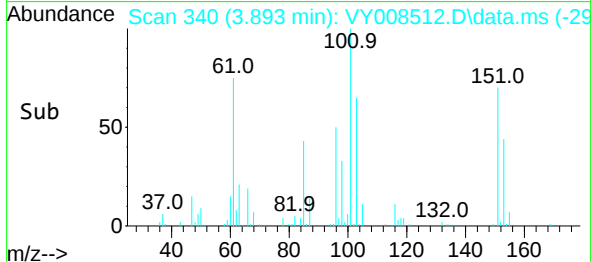
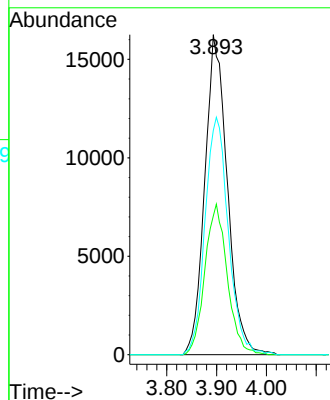
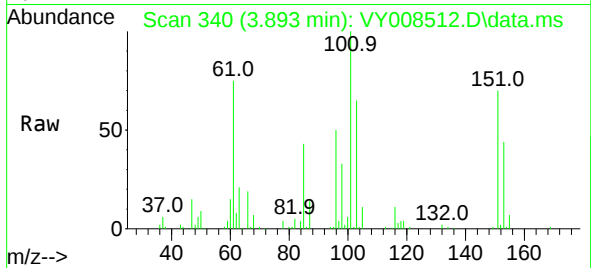




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.606 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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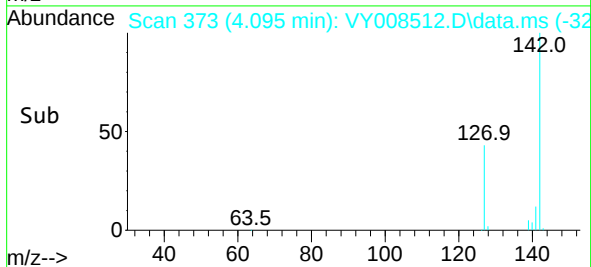
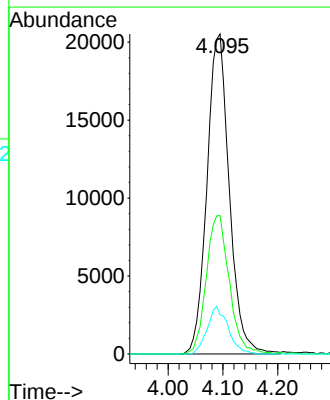
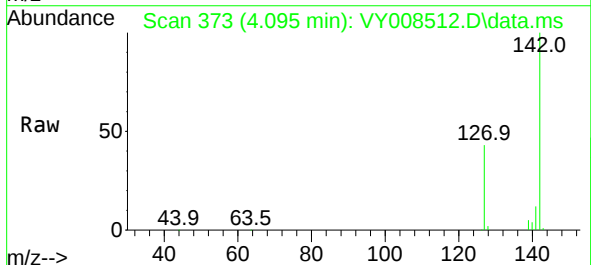
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

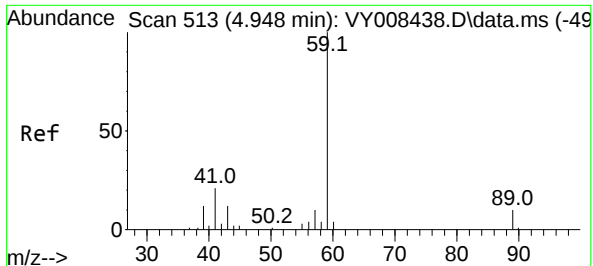
Tgt Ion:101 Resp: 51059
Ion Ratio Lower Upper
101 100
85 46.8 40.6 60.8
151 76.7 64.9 97.3



#10
Methyl Iodide
Concen: 43.011 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:142 Resp: 57997
Ion Ratio Lower Upper
142 100
127 44.6 41.5 62.3
141 13.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 248.944 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

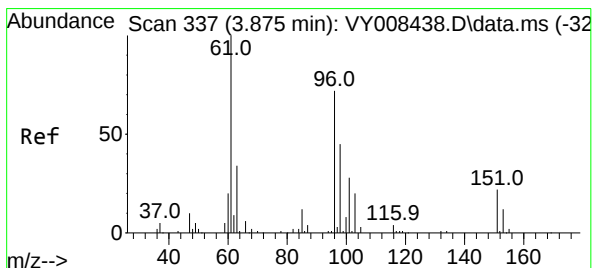
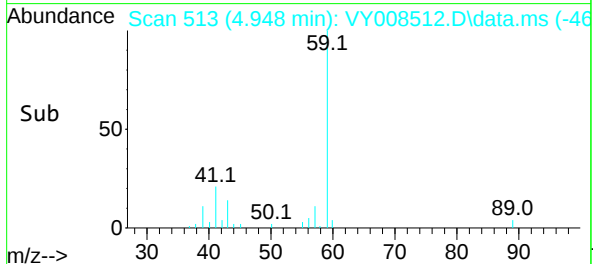
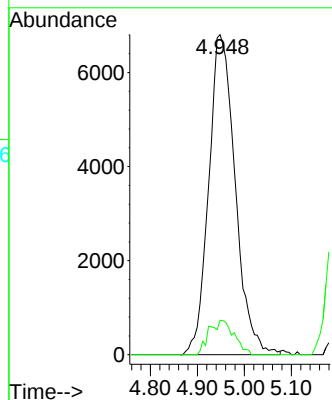
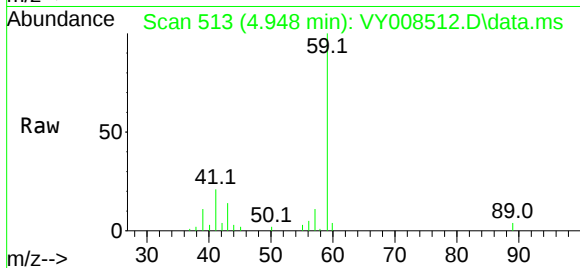
VSTDCCC050EC

Tgt Ion: 59 Resp: 26678

Ion Ratio Lower Upper

59 100

57 10.1 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 49.470 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

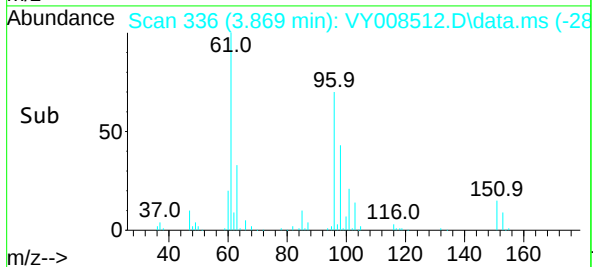
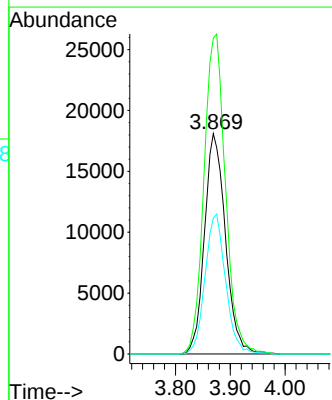
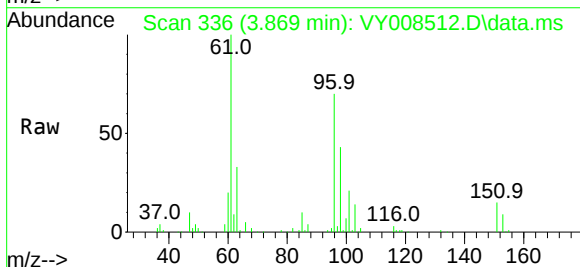
Tgt Ion: 96 Resp: 48072

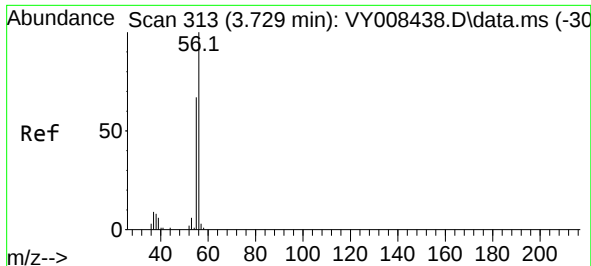
Ion Ratio Lower Upper

96 100

61 143.3 145.8 218.6#

98 61.7 52.5 78.7





#13

Acrolein

Concen: 221.123 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

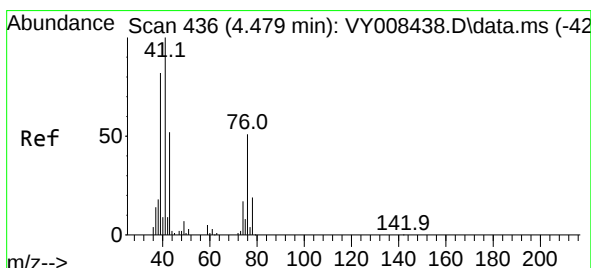
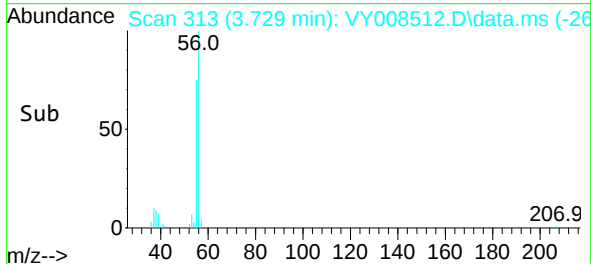
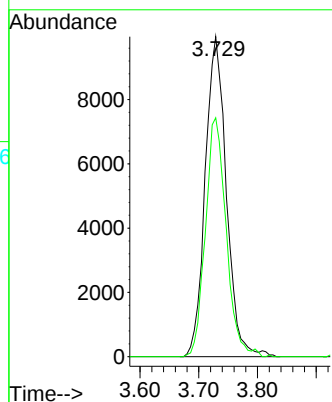
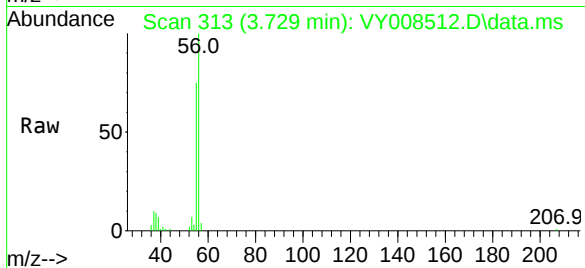
VSTDCCC050EC

Tgt Ion: 56 Resp: 24901

Ion Ratio Lower Upper

56 100

55 73.3 57.6 86.4



#14

Allyl chloride

Concen: 52.258 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

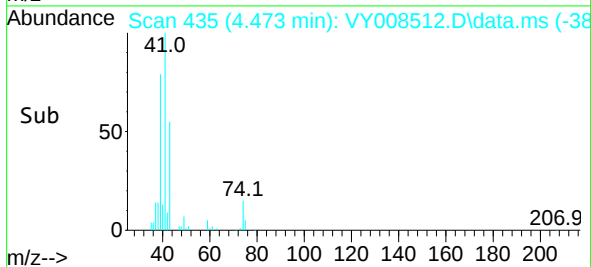
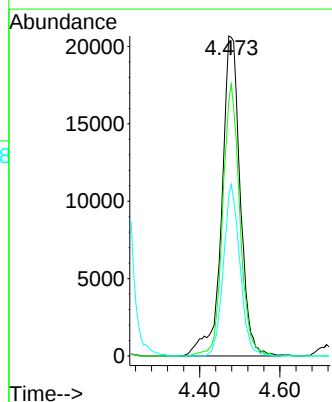
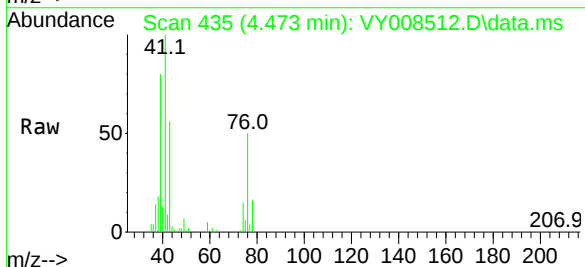
Tgt Ion: 41 Resp: 66282

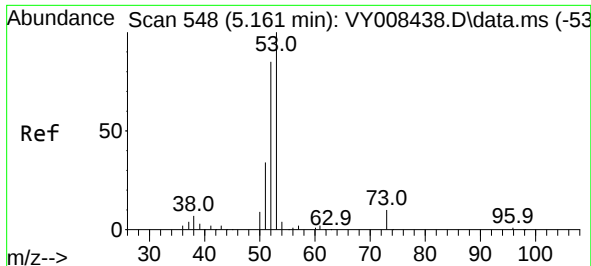
Ion Ratio Lower Upper

41 100

39 78.3 58.8 88.2

76 47.6 25.1 37.7#

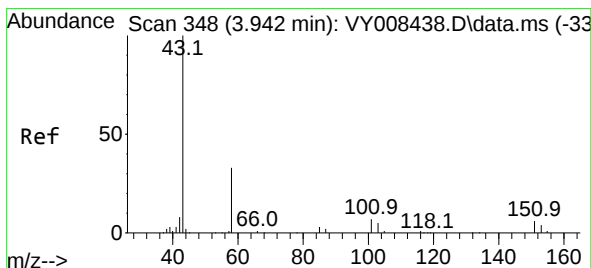
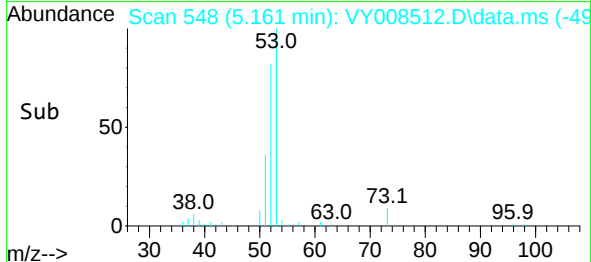
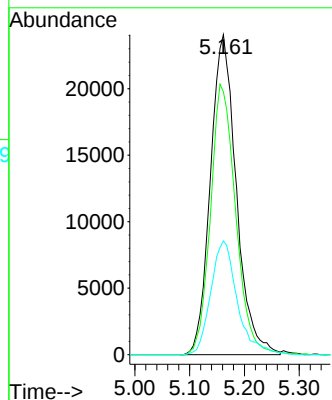
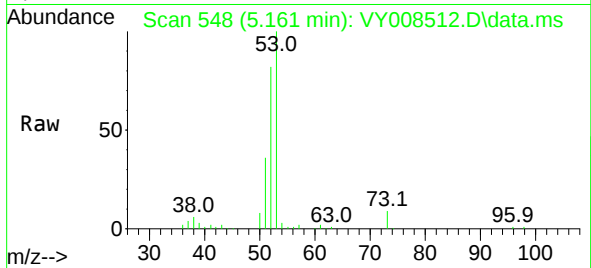




#15
Acrylonitrile
Concen: 259.220 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

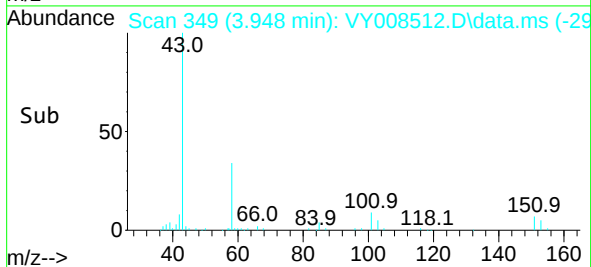
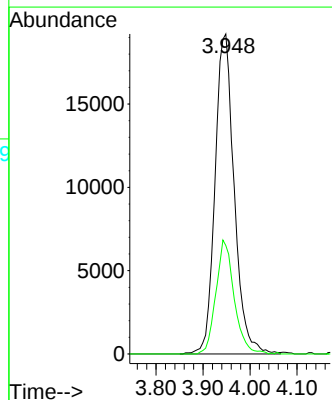
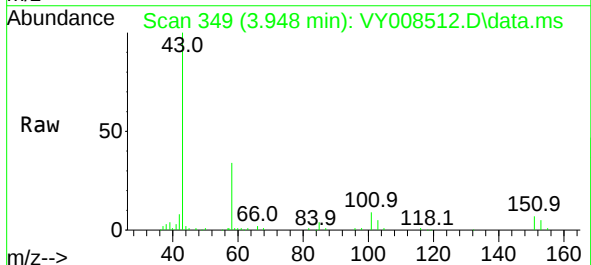
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

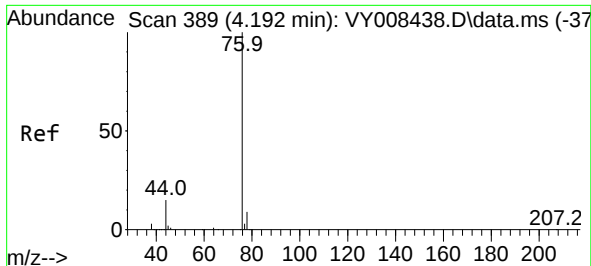
Tgt Ion: 53 Resp: 78875
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 36.5 29.8 44.6



#16
Acetone
Concen: 221.548 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 43 Resp: 54581
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

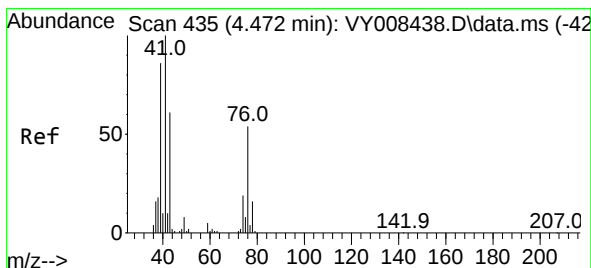
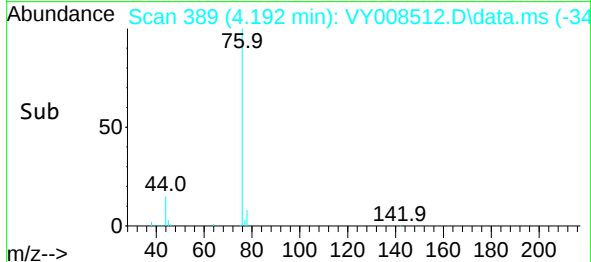
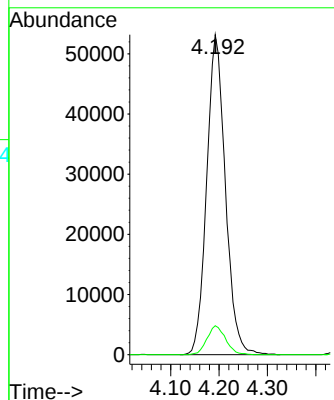
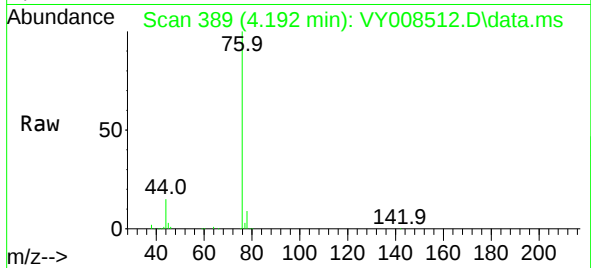




#17
Carbon Disulfide
Concen: 48.606 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

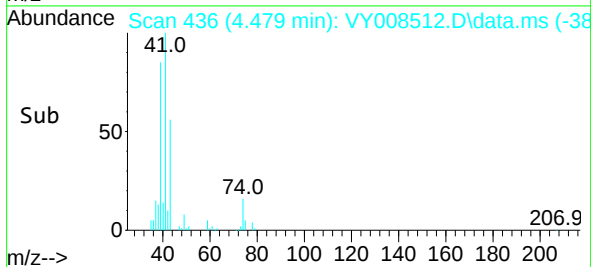
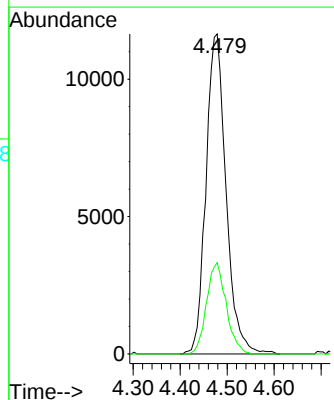
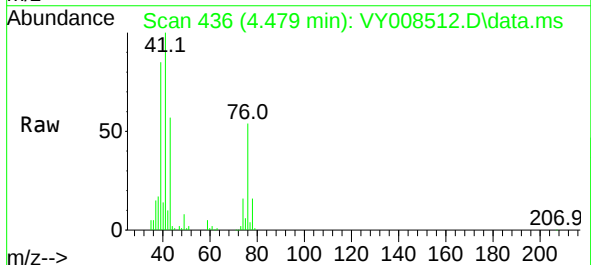
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

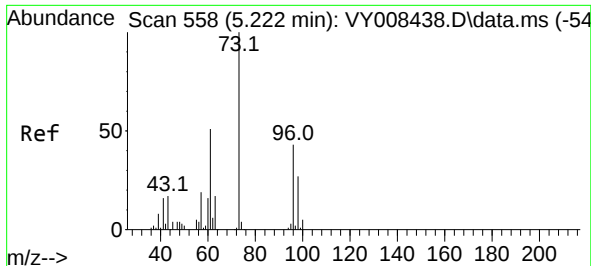
Tgt Ion: 76 Resp: 142798
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.891 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 43 Resp: 34470
Ion Ratio Lower Upper
43 100
74 27.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 50.962 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

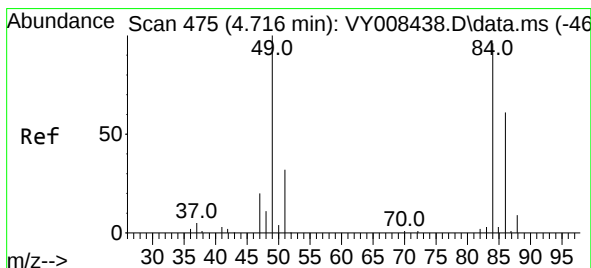
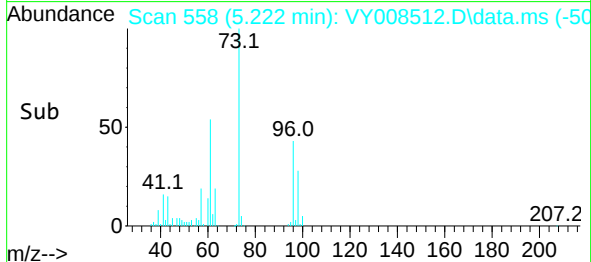
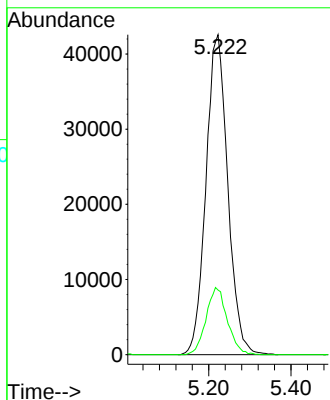
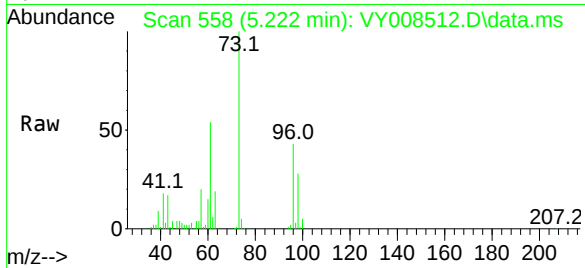
VSTDCCC050EC

Tgt Ion: 73 Resp: 156696

Ion Ratio Lower Upper

73 100

57 20.2 18.6 27.8



#20

Methylene Chloride

Concen: 48.497 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Tgt Ion: 84 Resp: 62375

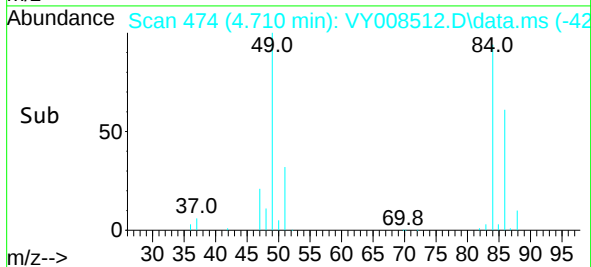
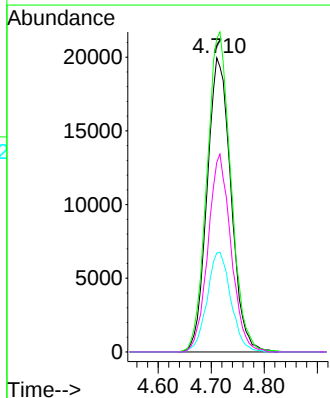
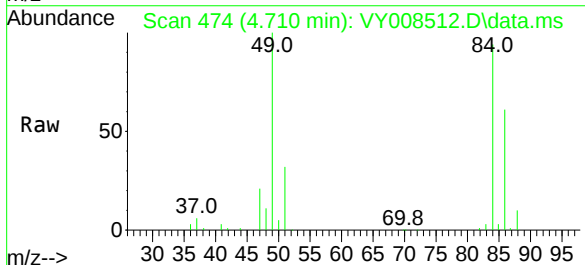
Ion Ratio Lower Upper

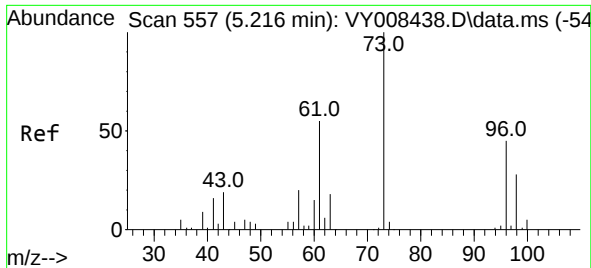
84 100

49 106.5 114.4 171.6#

51 33.6 35.3 52.9#

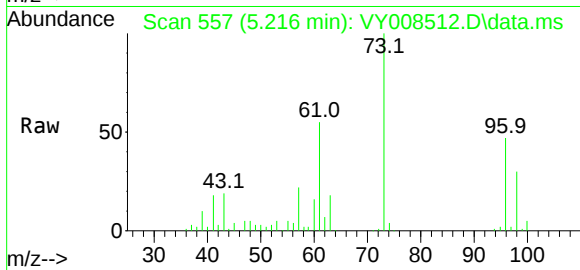
86 64.5 53.7 80.5



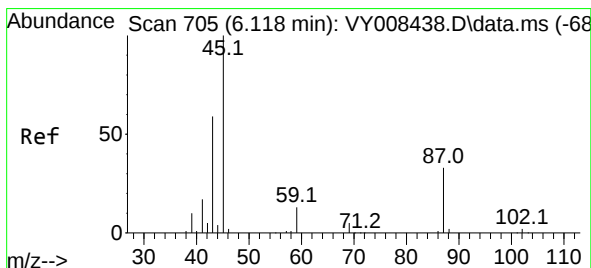
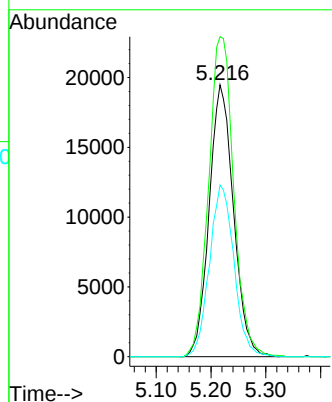
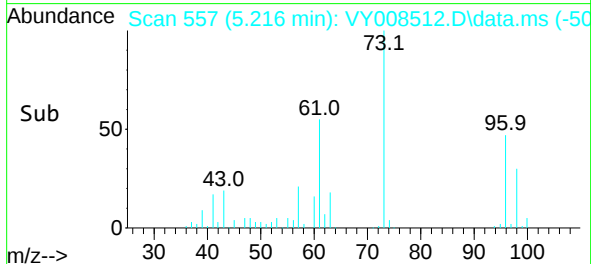


#21
trans-1,2-Dichloroethene
Concen: 50.625 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

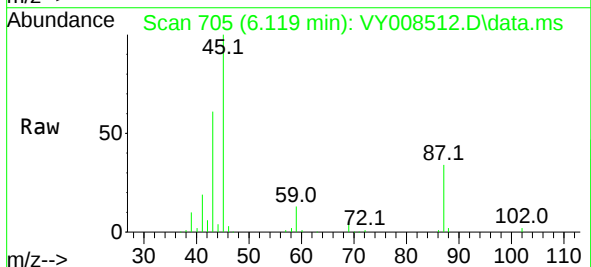
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



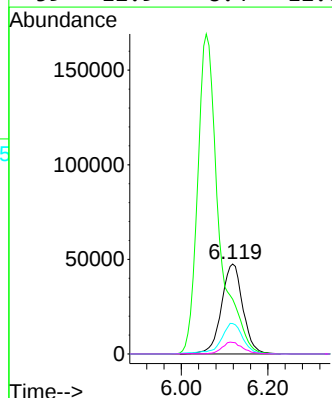
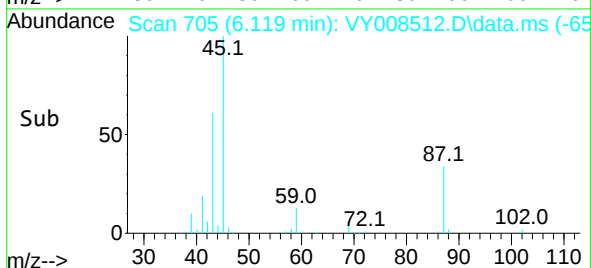
Tgt Ion: 96 Resp: 60009
Ion Ratio Lower Upper
96 100
61 117.7 120.5 180.7#
98 63.1 49.8 74.8

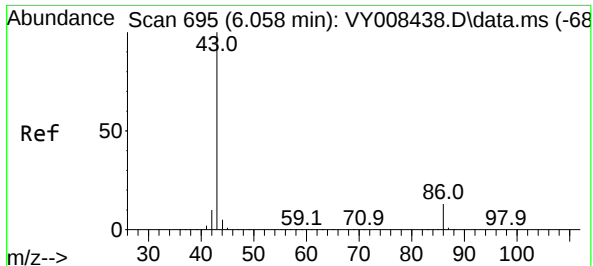


#22
Diisopropyl ether
Concen: 53.253 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23



Tgt Ion: 45 Resp: 163113
Ion Ratio Lower Upper
45 100
43 60.4 49.3 73.9
87 33.8 19.2 28.8#
59 12.9 8.4 12.6#

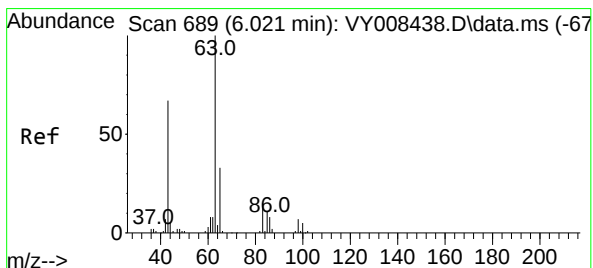
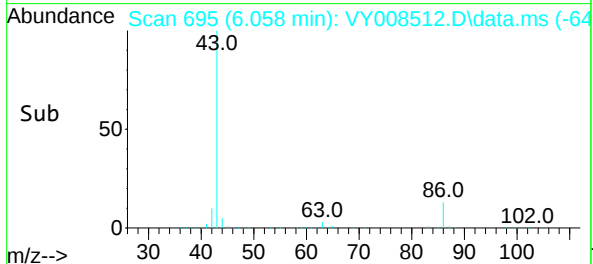
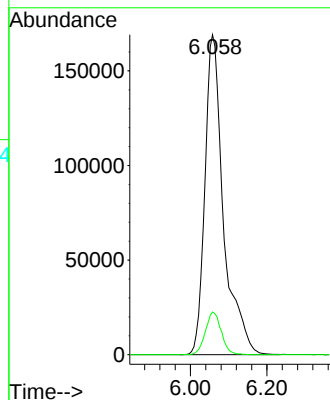
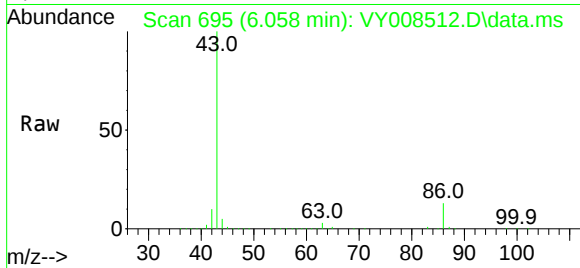




#23
 Vinyl Acetate
 Concen: 271.660 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

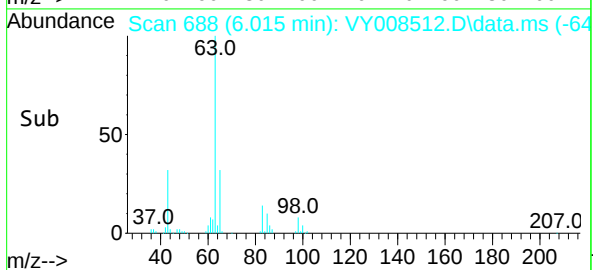
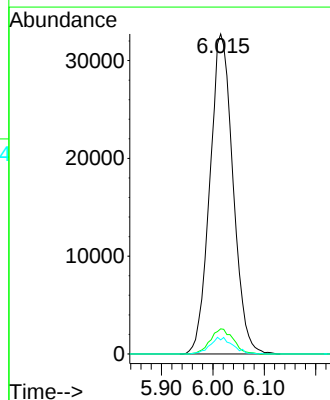
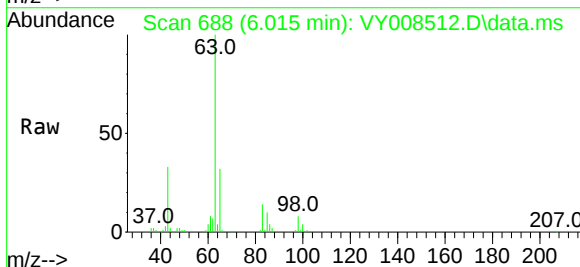
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

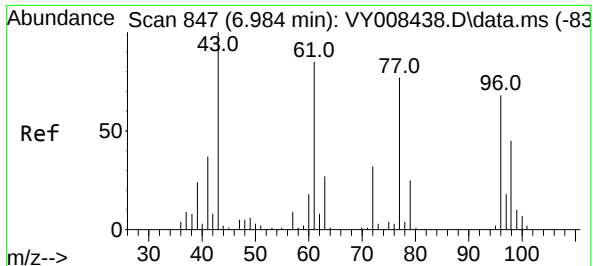
Tgt Ion: 43 Resp: 570476
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.761 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

Tgt Ion: 63 Resp: 102501
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 259.443 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

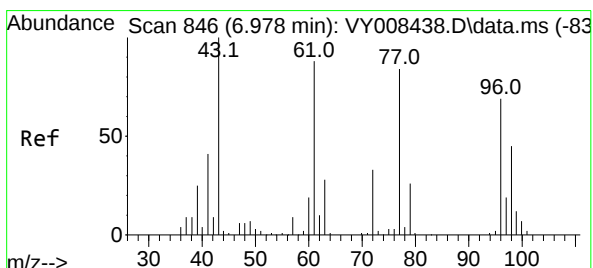
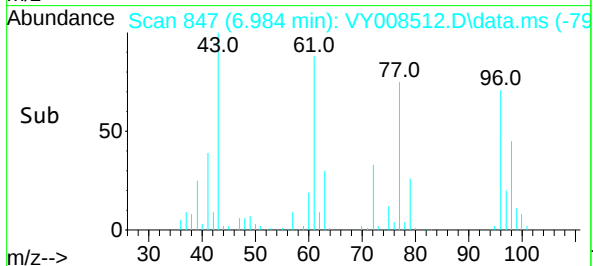
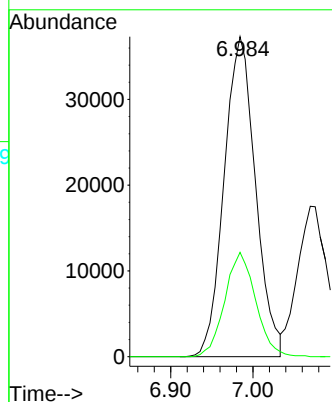
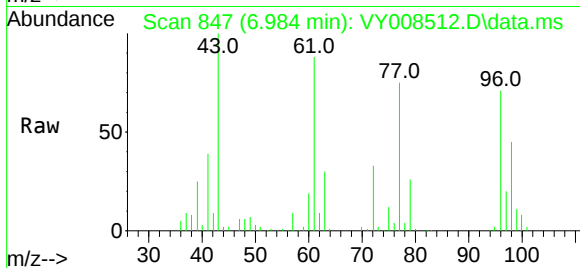
VSTDCCC050EC

Tgt Ion: 43 Resp: 98884

Ion Ratio Lower Upper

43 100

72 32.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 50.684 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008512.D

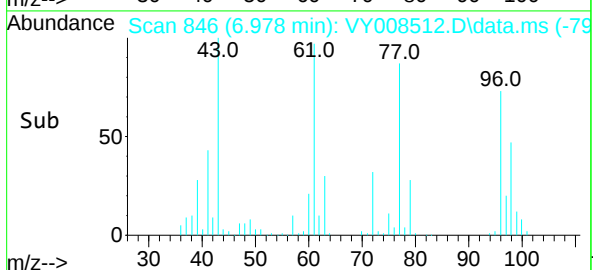
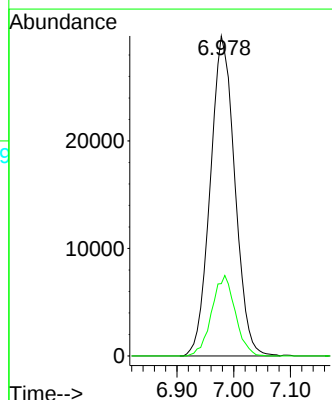
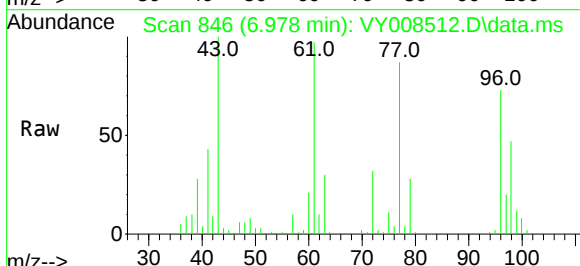
Acq: 26 Apr 2022 18:23

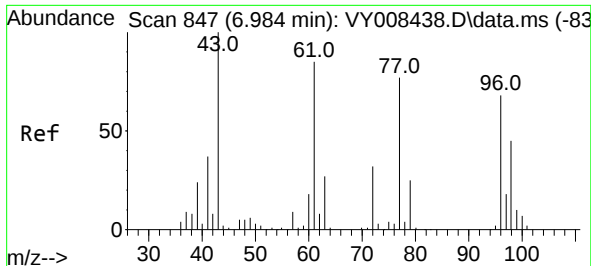
Tgt Ion: 77 Resp: 89501

Ion Ratio Lower Upper

77 100

97 24.0 10.4 31.4



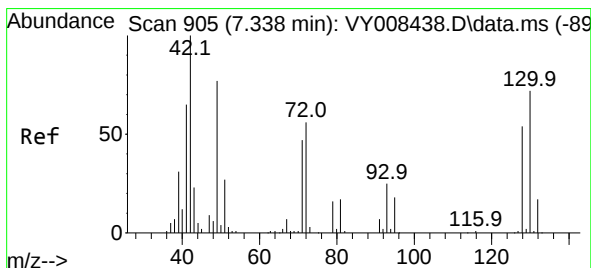
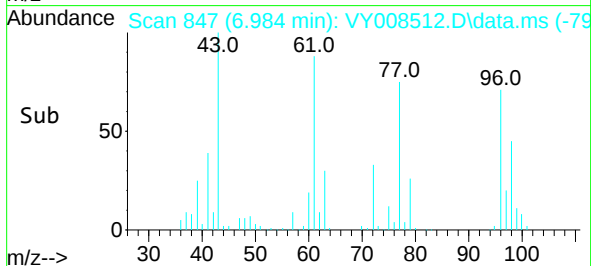
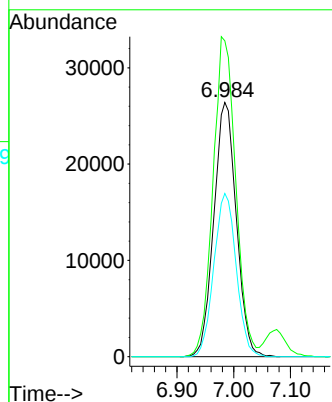
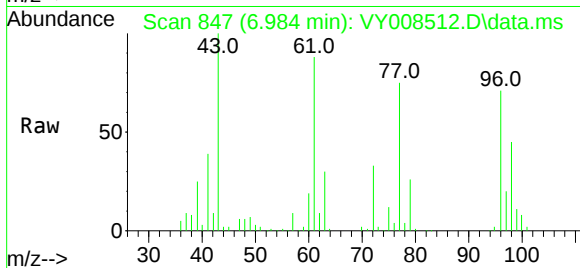


#27
 cis-1,2-Dichloroethene
 Concen: 53.600 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 72676

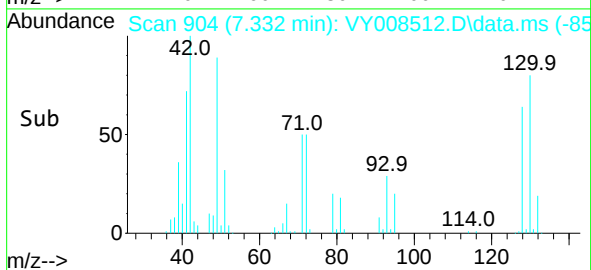
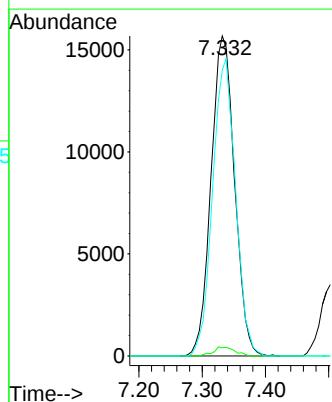
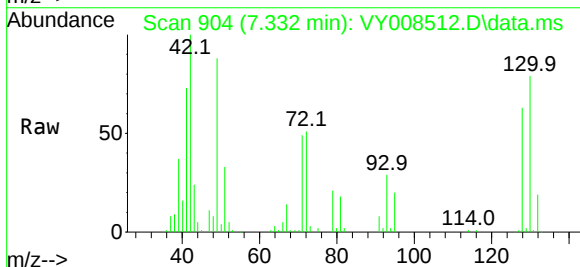
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	319.8
98	63.8	0.0	127.0

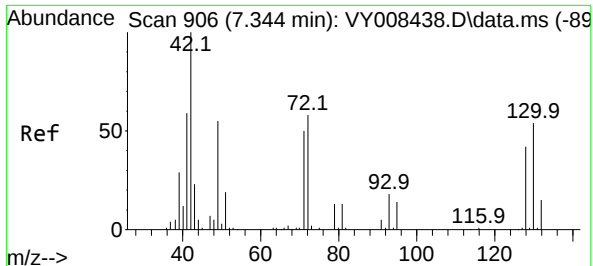


#28
 Bromochloromethane
 Concen: 52.580 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

Tgt Ion: 49 Resp: 40438

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	90.6	55.4	83.0#





#29

Tetrahydrofuran

Concen: 268.485 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

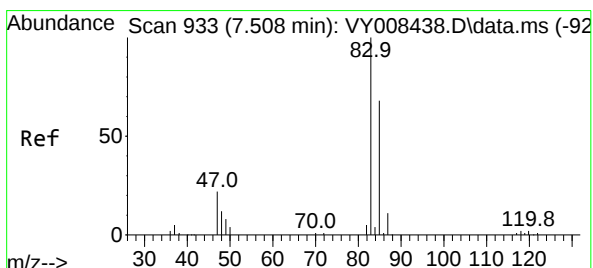
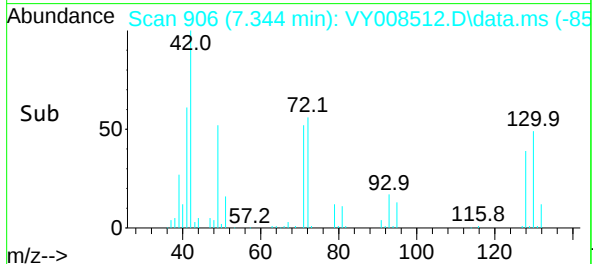
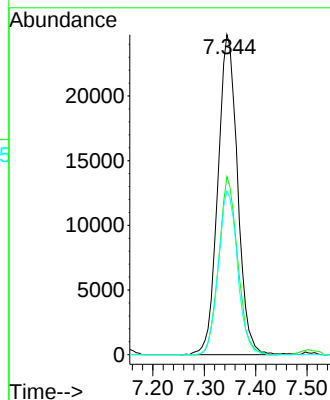
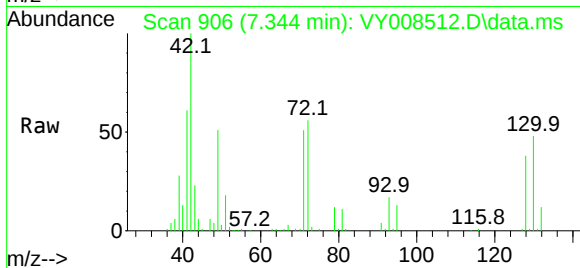
Tgt Ion: 42 Resp: 65909

Ion Ratio Lower Upper

42 100

72 53.2 30.3 45.5#

71 50.0 29.0 43.4#



#30

Chloroform

Concen: 53.654 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.005 min

Lab File: VY008512.D

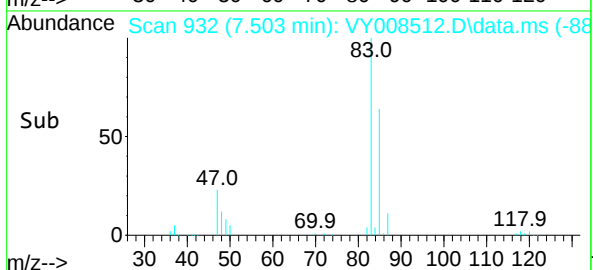
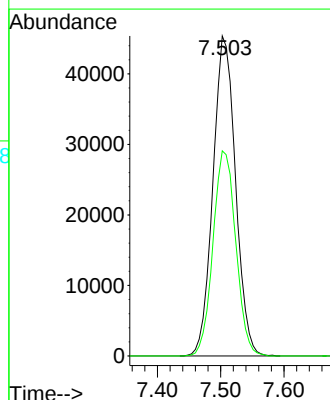
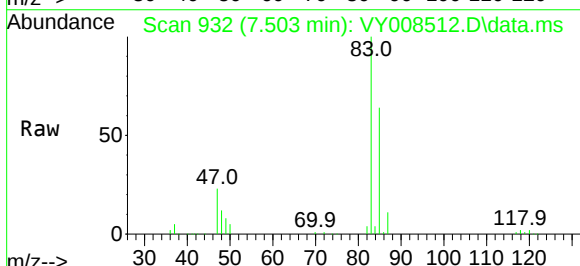
Acq: 26 Apr 2022 18:23

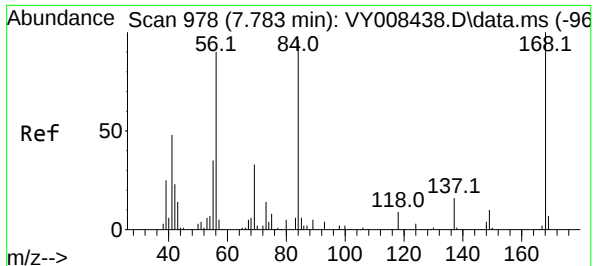
Tgt Ion: 83 Resp: 112385

Ion Ratio Lower Upper

83 100

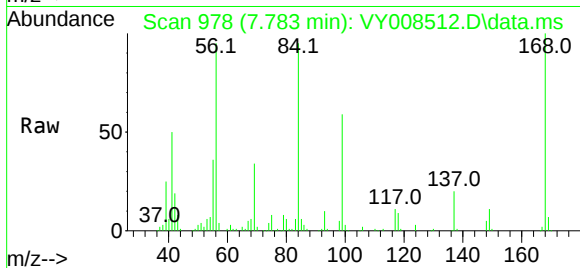
85 64.1 51.8 77.6



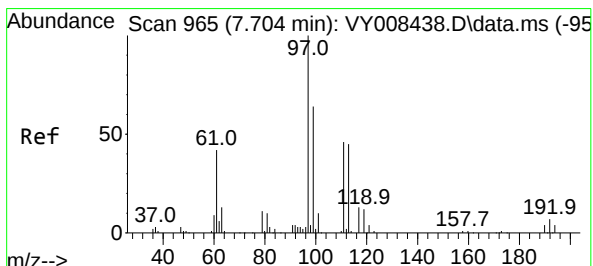
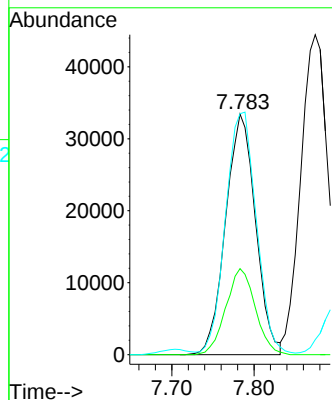
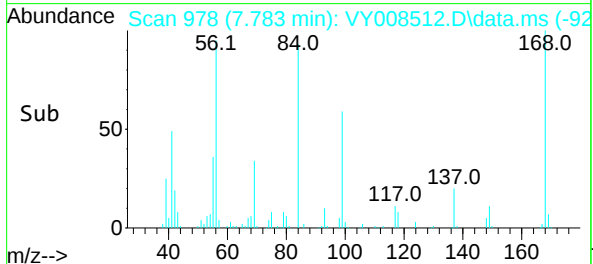


#31
Cyclohexane
Concen: 48.699 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

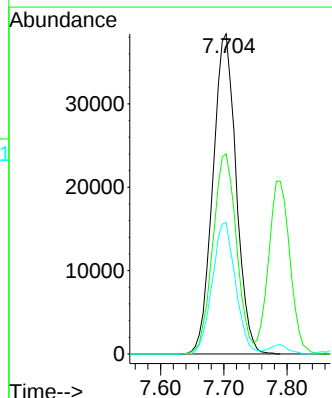
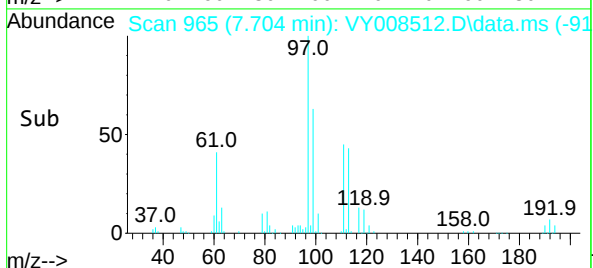
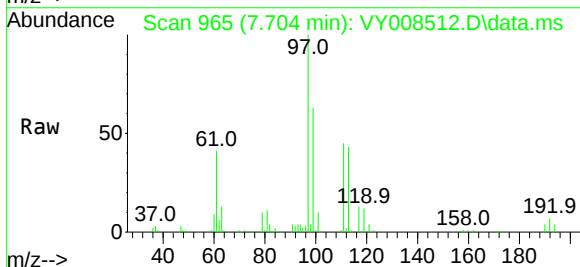


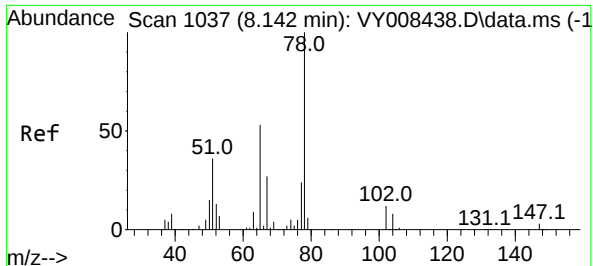
Tgt Ion: 56 Resp: 84680
Ion Ratio Lower Upper
56 100
69 35.7 26.7 40.1
84 98.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.440 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 97 Resp: 98016
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 41.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.589 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

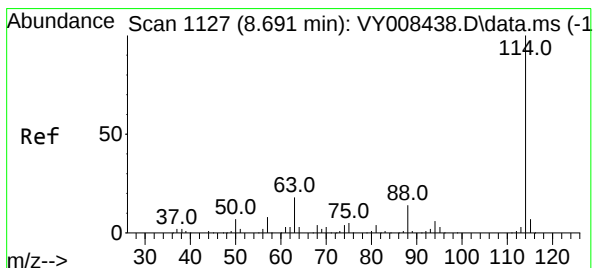
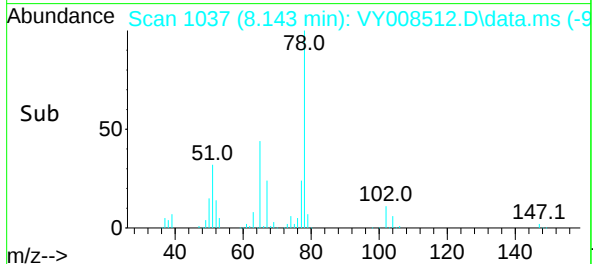
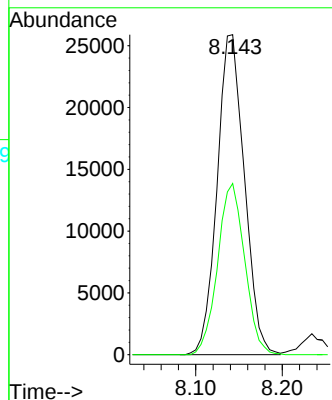
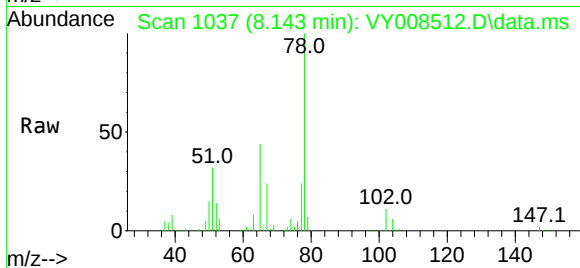
VSTDCCC050EC

Tgt Ion: 65 Resp: 56682

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

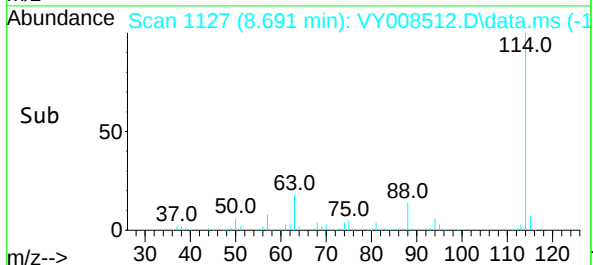
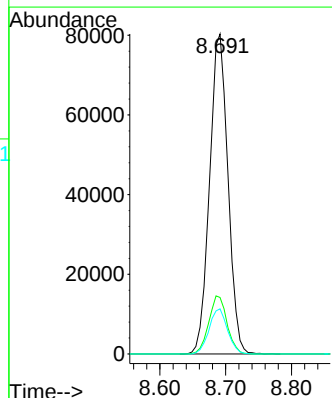
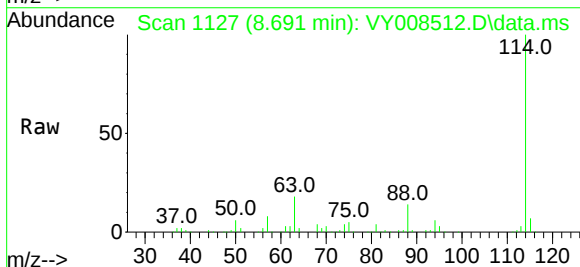
Tgt Ion: 114 Resp: 155913

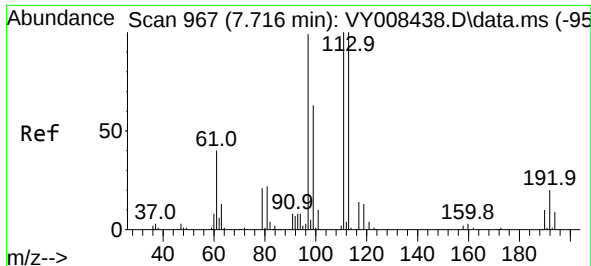
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.1 0.0 31.8

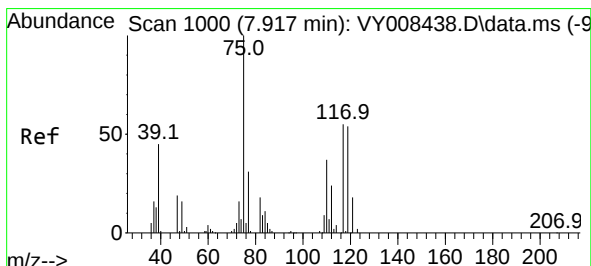
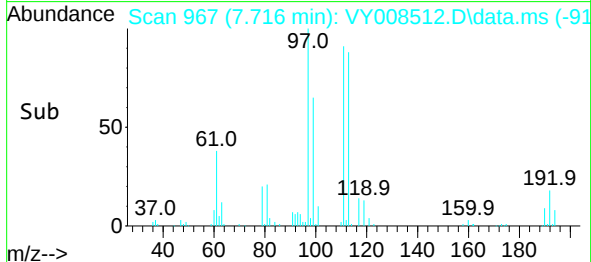
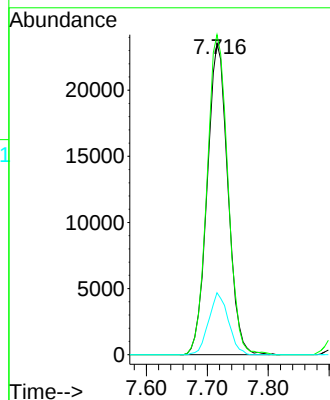
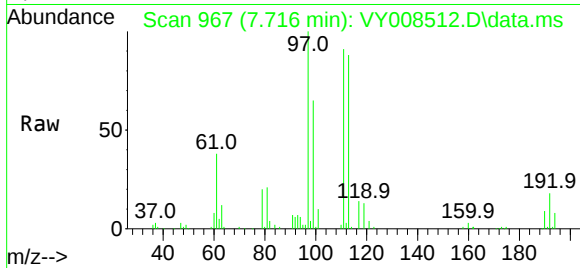




#35
Dibromofluoromethane
Concen: 55.134 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

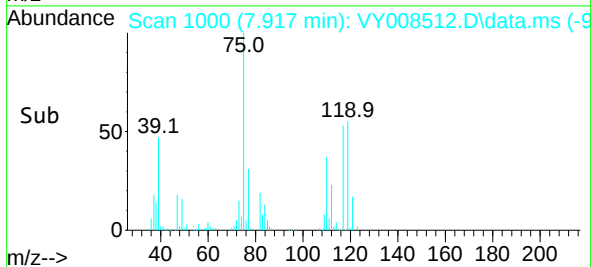
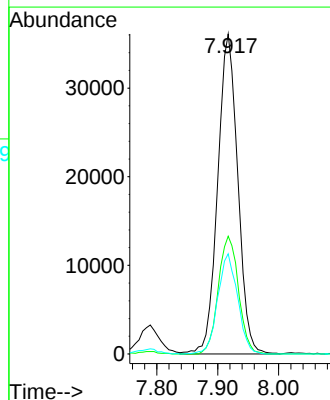
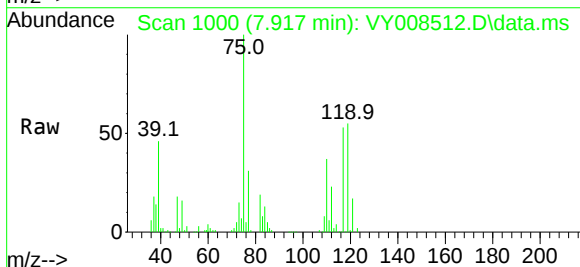
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

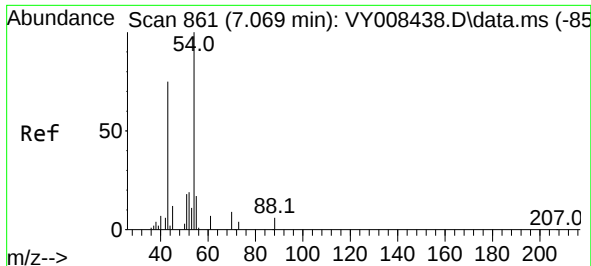
Tgt Ion:113 Resp: 55478
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.645 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 75 Resp: 82663
Ion Ratio Lower Upper
75 100
110 36.9 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 52.807 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY008512.D

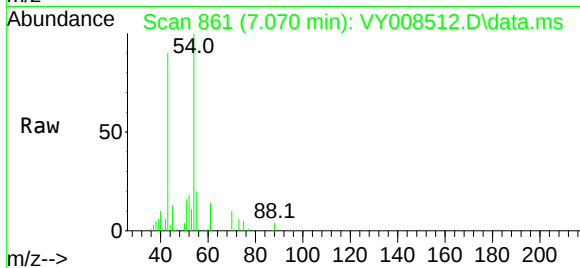
Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



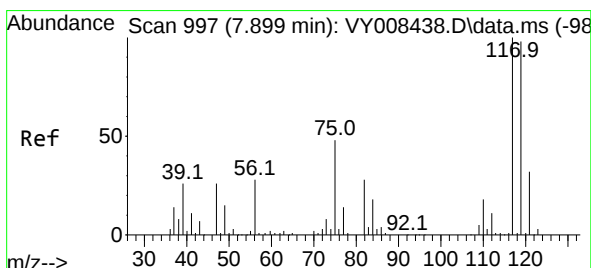
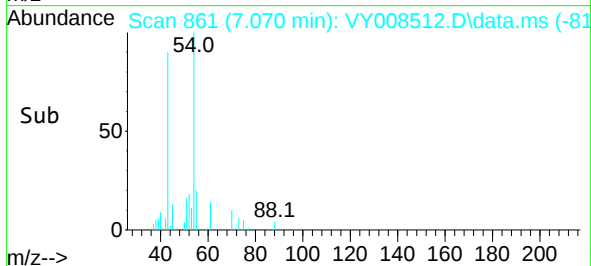
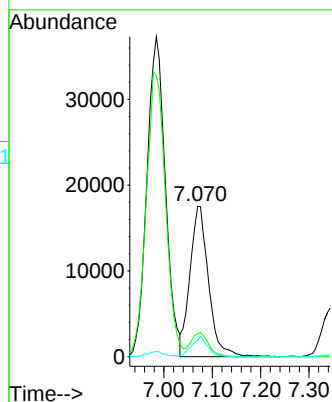
Tgt Ion: 43 Resp: 46744

Ion Ratio Lower Upper

43 100

61 14.8 9.7 14.5#

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 52.687 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

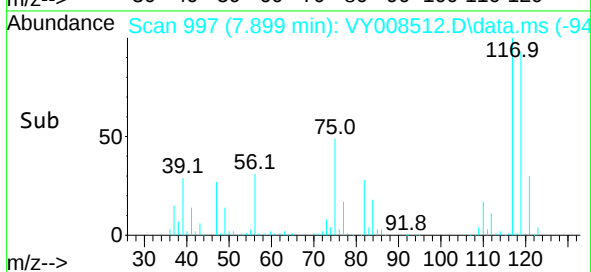
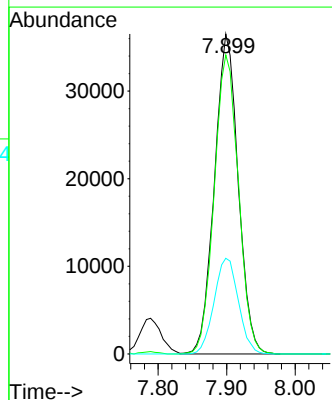
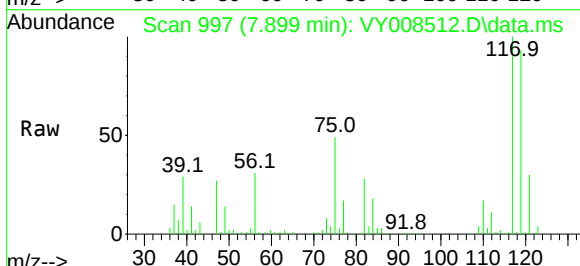
Tgt Ion: 117 Resp: 87619

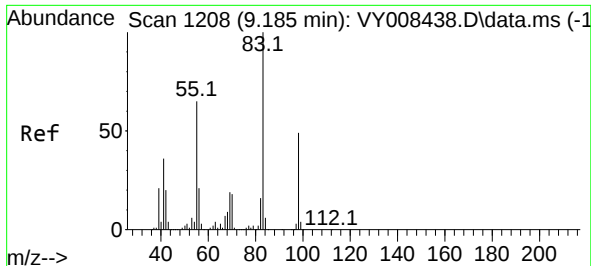
Ion Ratio Lower Upper

117 100

119 93.4 77.9 116.9

121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 52.169 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

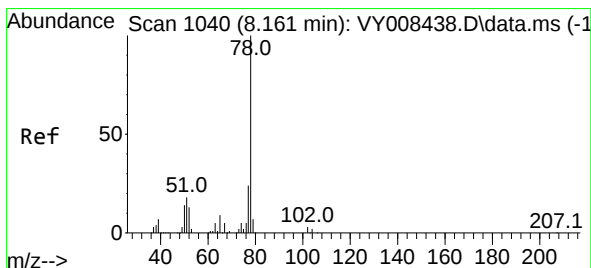
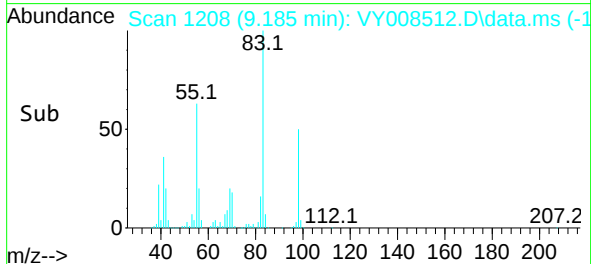
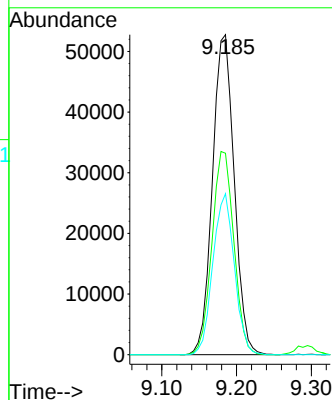
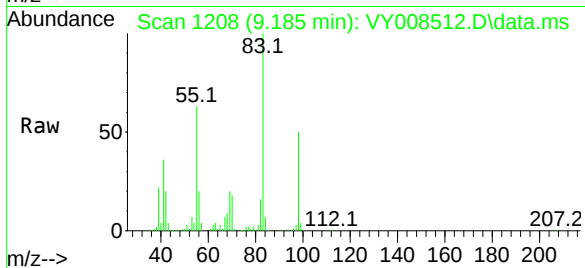
Tgt Ion: 83 Resp: 106916

Ion Ratio Lower Upper

83 100

55 63.0 66.5 99.7#

98 50.3 37.9 56.9



#40

Benzene

Concen: 53.004 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008512.D

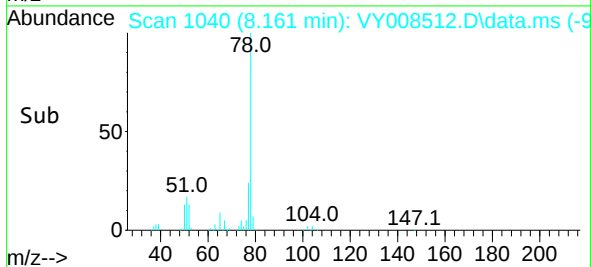
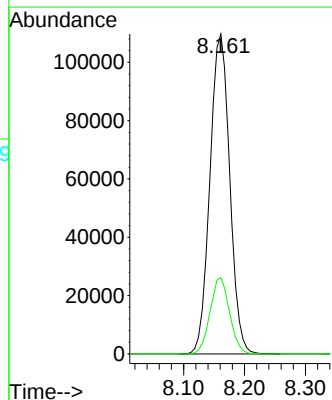
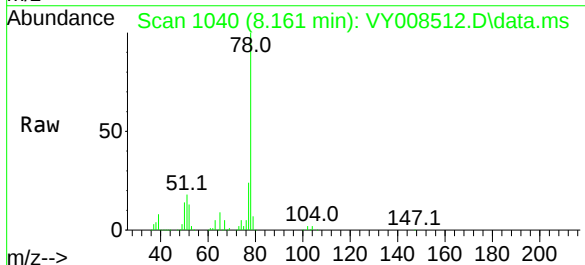
Acq: 26 Apr 2022 18:23

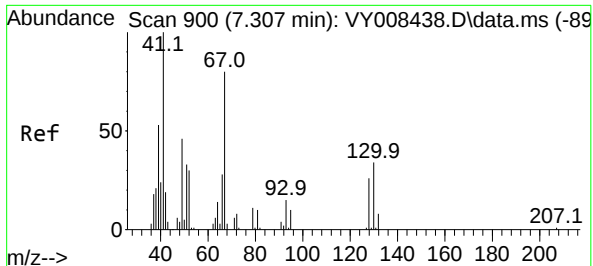
Tgt Ion: 78 Resp: 247511

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

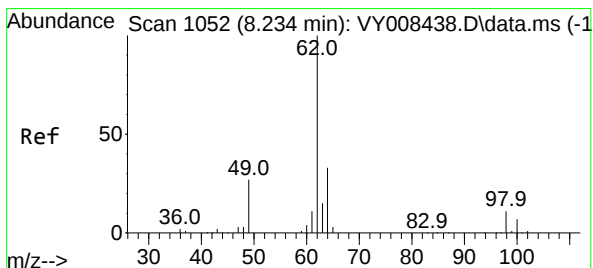
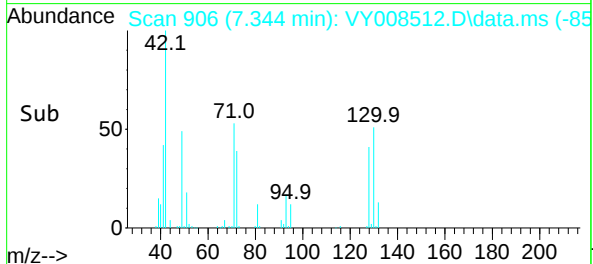
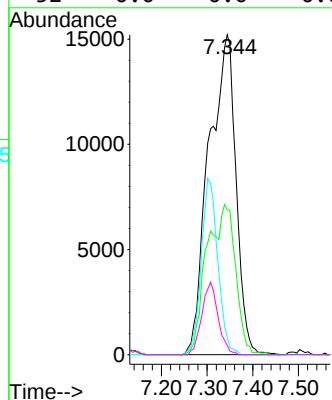
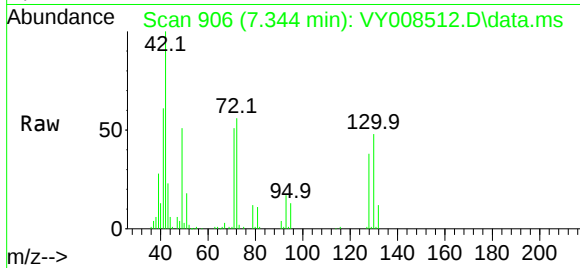




#41
Methacrylonitrile
Concen: 145.722 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

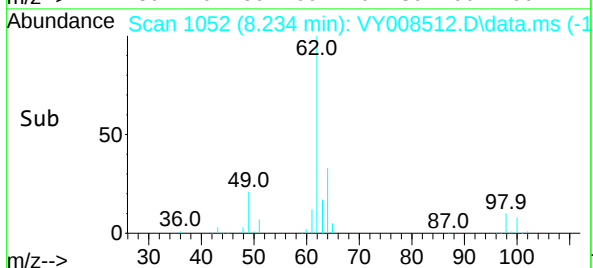
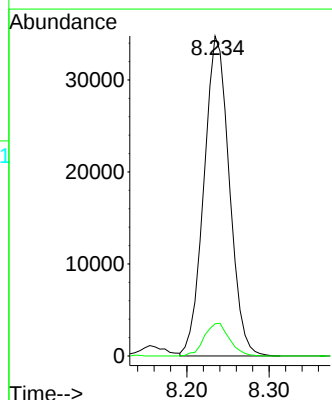
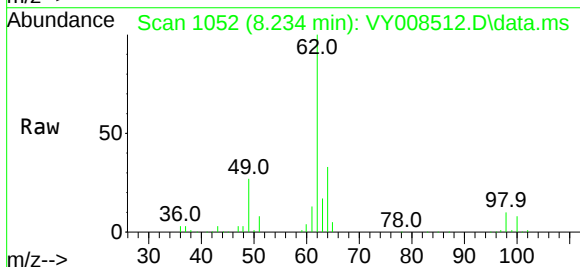
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

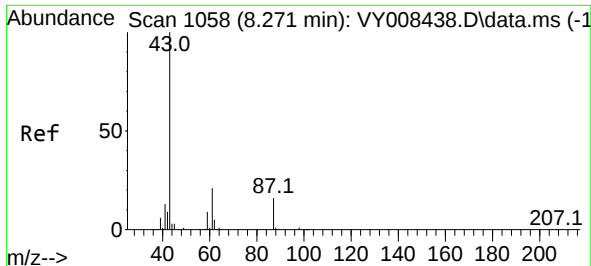
Tgt Ion: 41 Resp: 62554
Ion Ratio Lower Upper
41 100
39 25.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.005 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 62 Resp: 74519
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

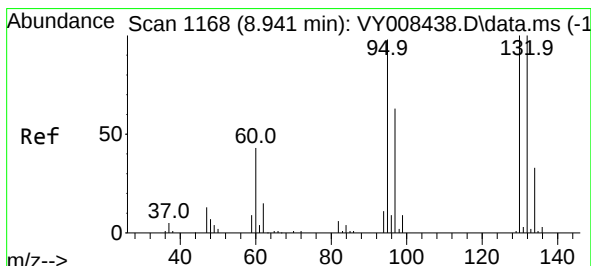
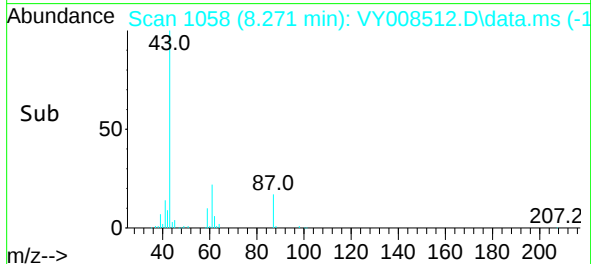
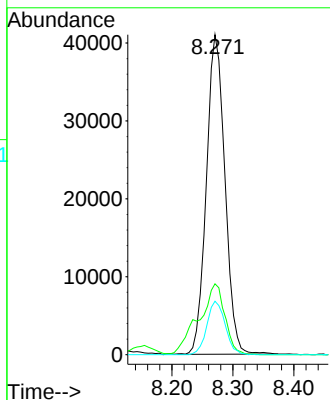
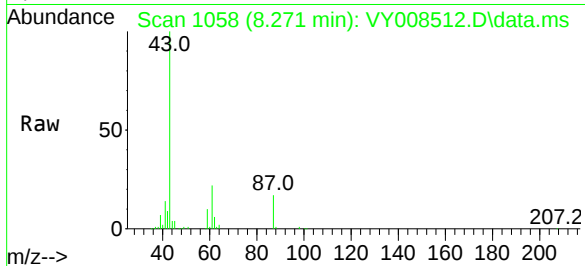




#43
Isopropyl Acetate
Concen: 53.384 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

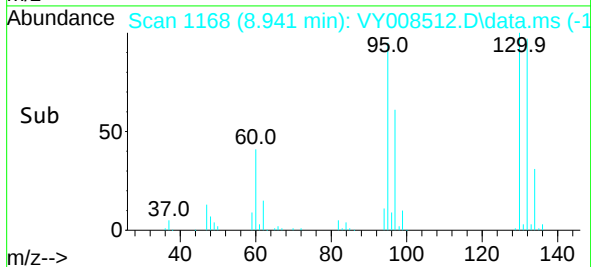
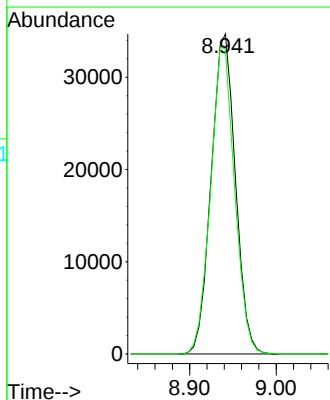
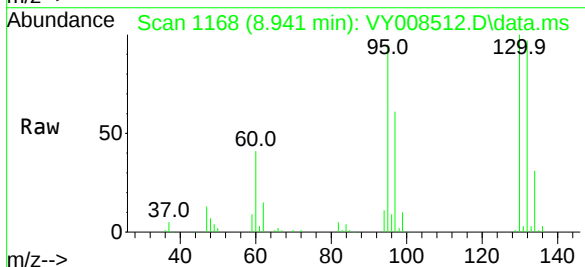
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

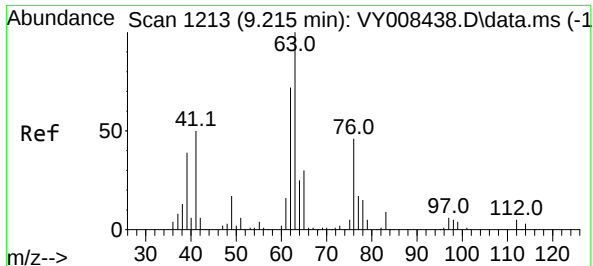
Tgt Ion: 43 Resp: 86909
Ion Ratio Lower Upper
43 100
61 31.2 20.2 30.2#
87 16.5 8.9 13.3#



#44
Trichloroethene
Concen: 52.332 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 130 Resp: 67324
Ion Ratio Lower Upper
130 100
95 95.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.708 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

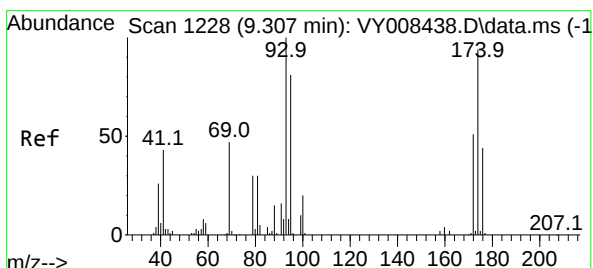
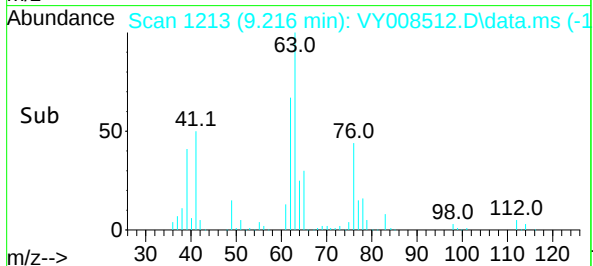
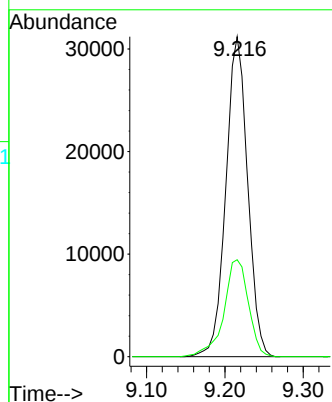
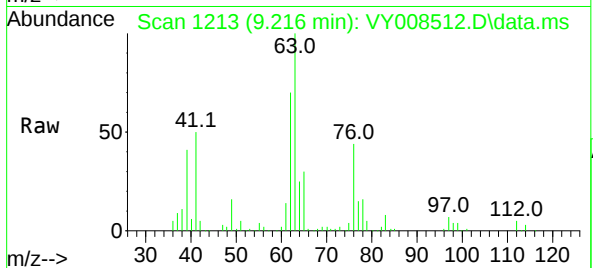
VSTDCCC050EC

Tgt Ion: 63 Resp: 60226

Ion Ratio Lower Upper

63 100

65 30.3 23.0 34.6



#46

Dibromomethane

Concen: 52.757 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

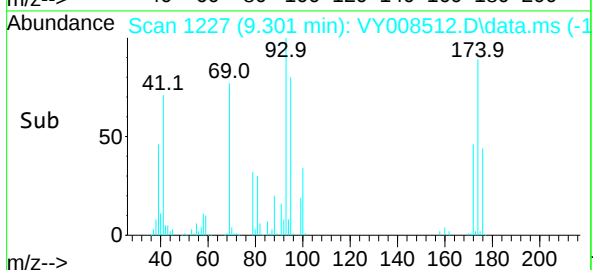
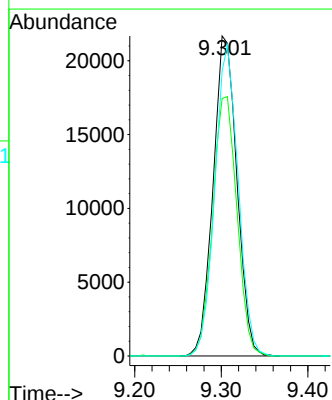
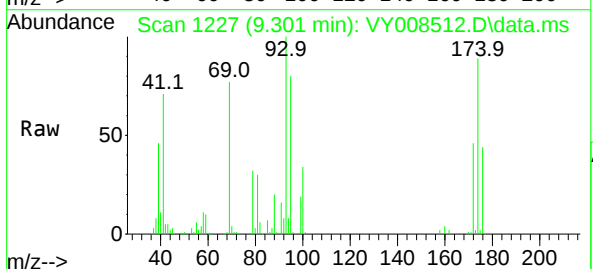
Tgt Ion: 93 Resp: 41447

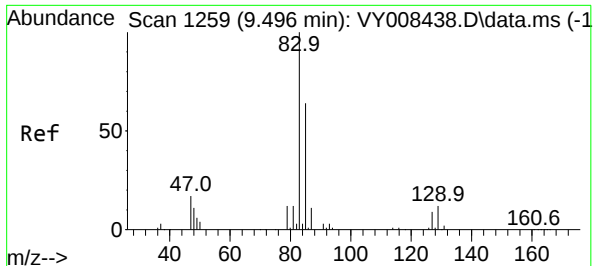
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 95.3 83.4 125.0





#47

Bromodichloromethane

Concen: 53.705 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

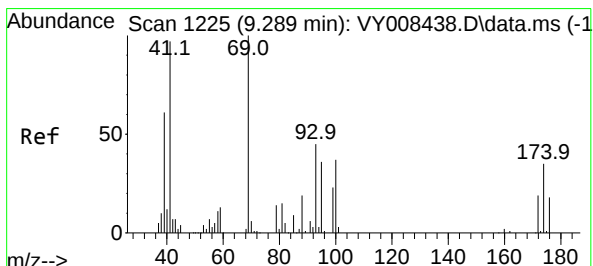
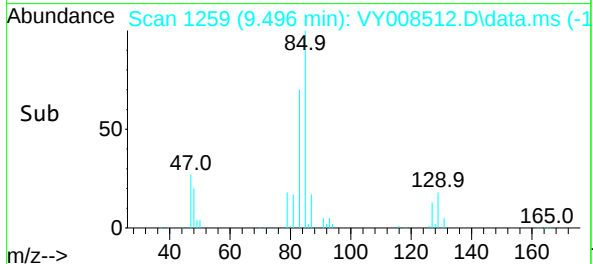
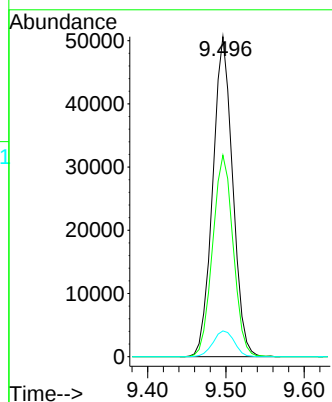
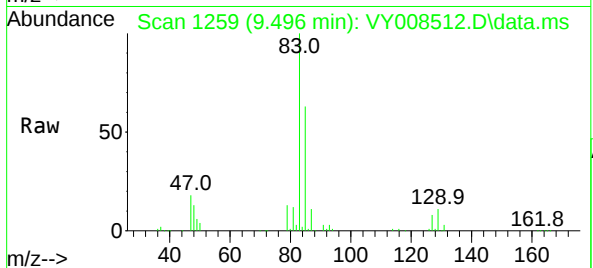
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	89564
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.9	77.9
127	8.1	6.6	10.0



#48

Methyl methacrylate

Concen: 55.040 ug/l

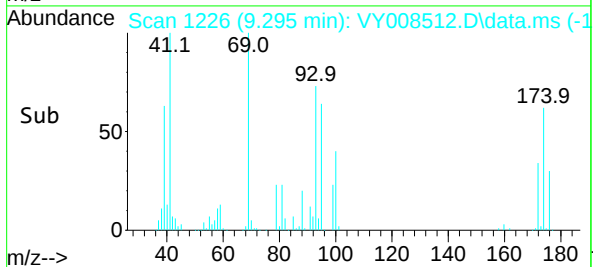
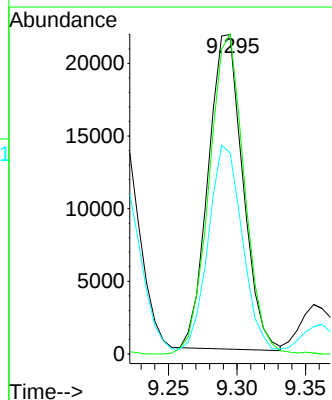
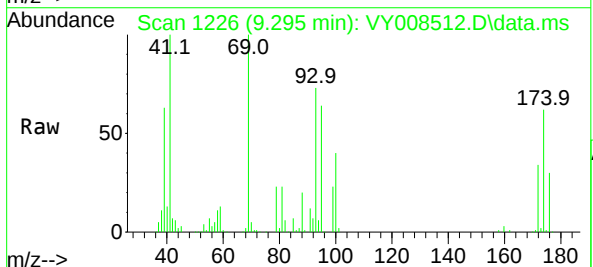
RT: 9.295 min Scan# 1226

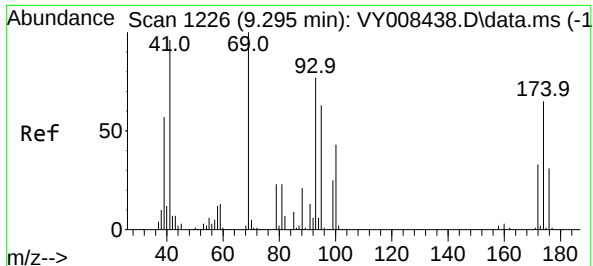
Delta R.T. 0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Tgt Ion:	41	Resp:	38099
Ion	Ratio	Lower	Upper
41	100		
69	103.1	58.2	87.2#
39	63.1	47.4	71.0





#49

1,4-Dioxane

Concen: 1104.711 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

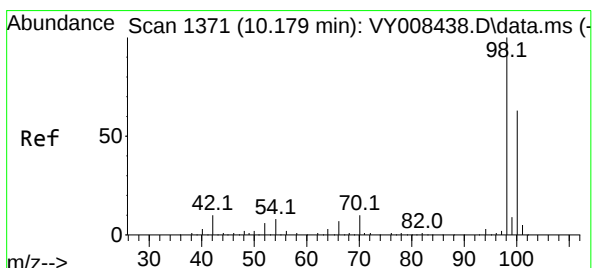
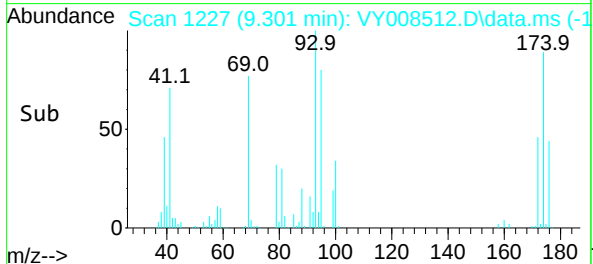
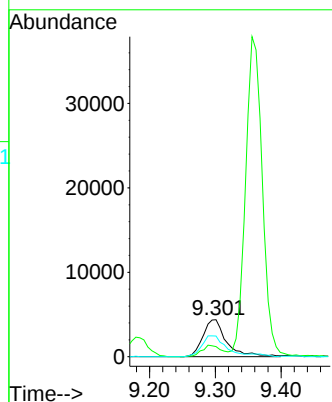
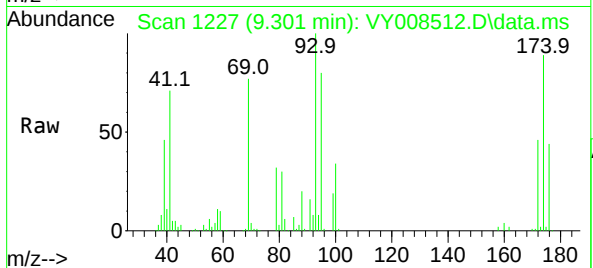
Tgt Ion: 88 Resp: 10944

Ion Ratio Lower Upper

88 100

43 26.3 32.8 49.2#

58 56.9 59.8 89.6#



#50

Toluene-d8

Concen: 51.557 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008512.D

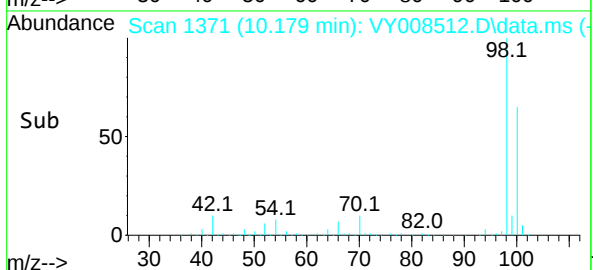
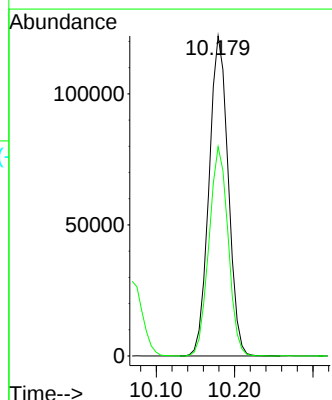
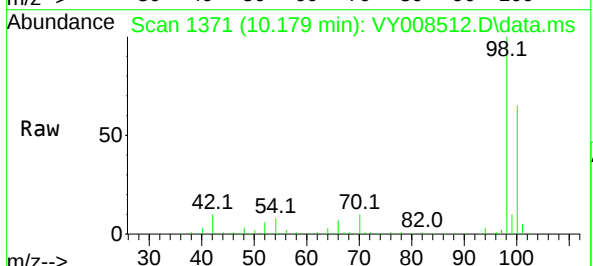
Acq: 26 Apr 2022 18:23

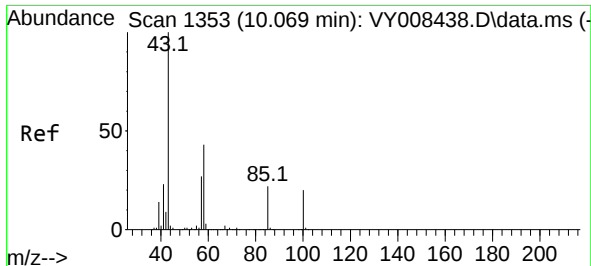
Tgt Ion: 98 Resp: 207027

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

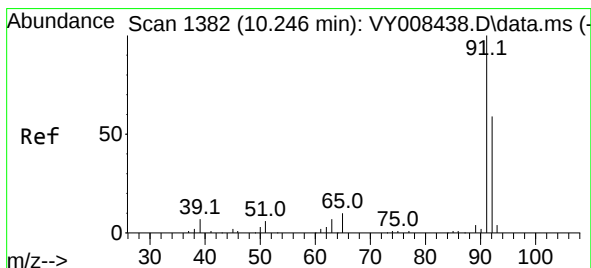
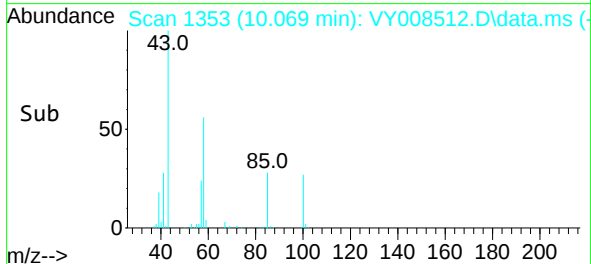
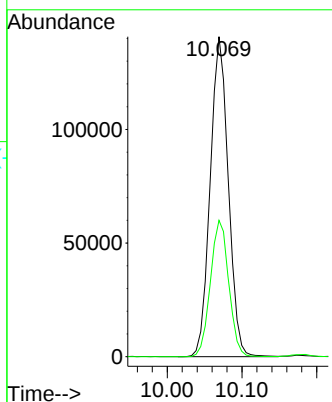
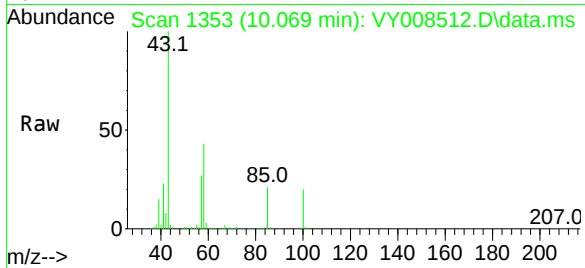




#51
4-Methyl-2-Pentanone
Concen: 277.219 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

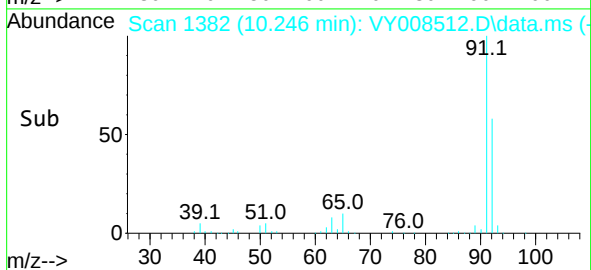
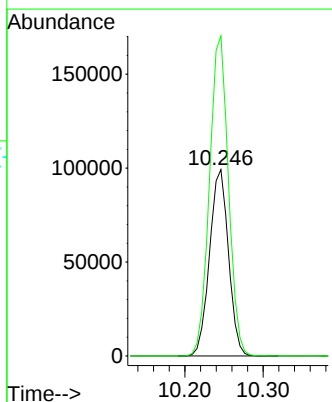
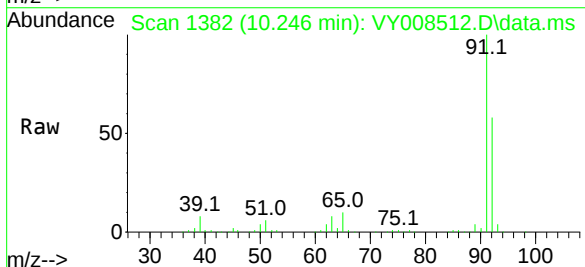
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

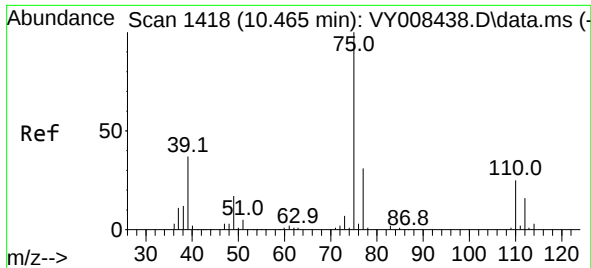
Tgt Ion: 43 Resp: 237414
Ion Ratio Lower Upper
43 100
58 43.1 28.1 42.1#



#52
Toluene
Concen: 53.844 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 92 Resp: 166275
Ion Ratio Lower Upper
92 100
91 171.8 142.6 213.8

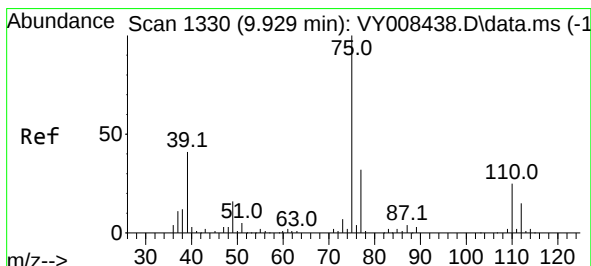
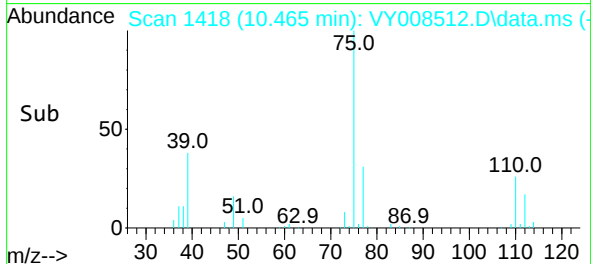
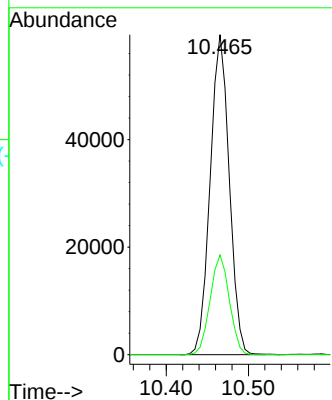
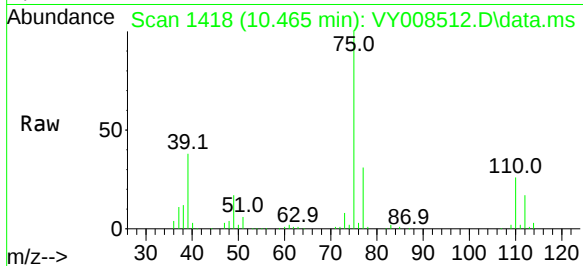




#53
 t-1,3-Dichloropropene
 Concen: 53.544 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

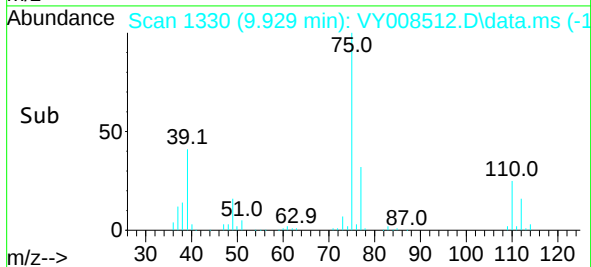
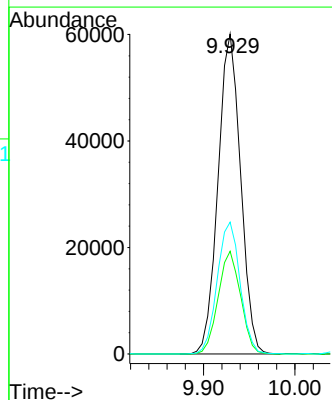
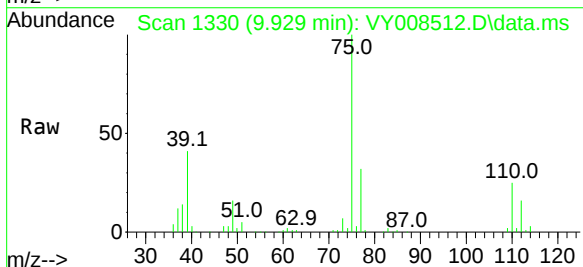
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

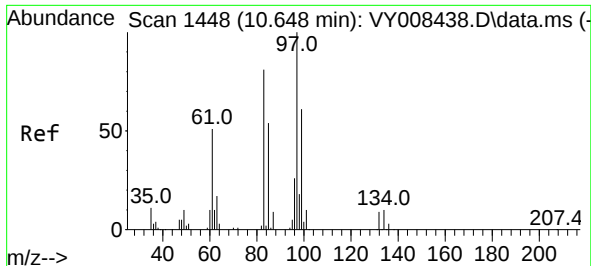
Tgt Ion: 75 Resp: 95761
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.068 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008512.D
 Acq: 26 Apr 2022 18:23

Tgt Ion: 75 Resp: 103194
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 41.2 47.6 71.4#

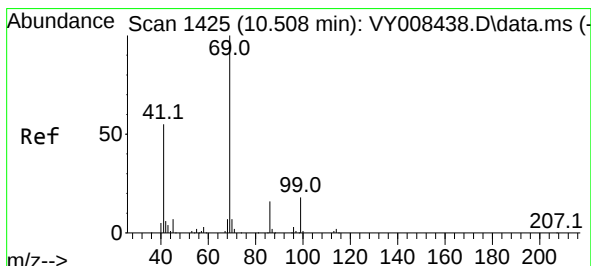
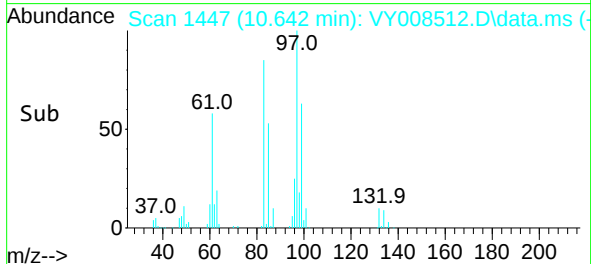
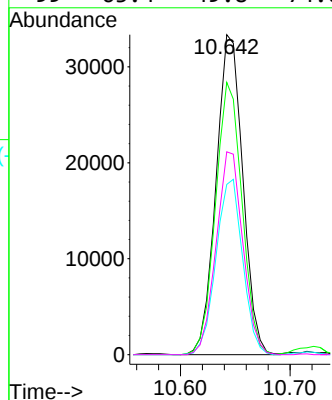
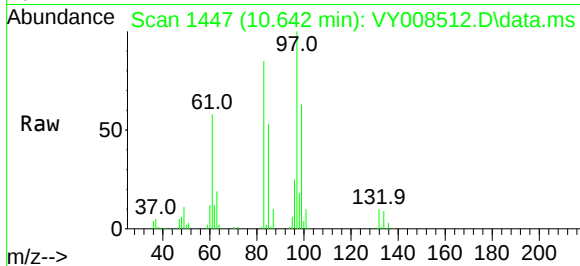




#55
1,1,2-Trichloroethane
Concen: 52.669 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

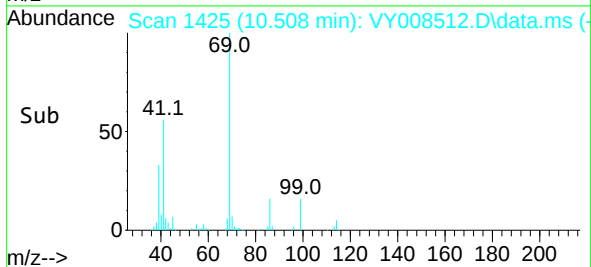
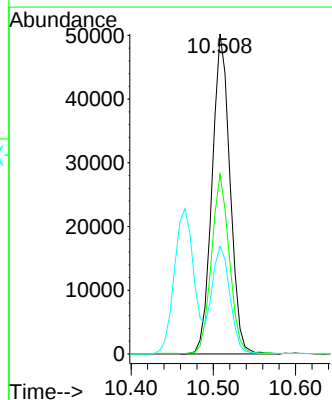
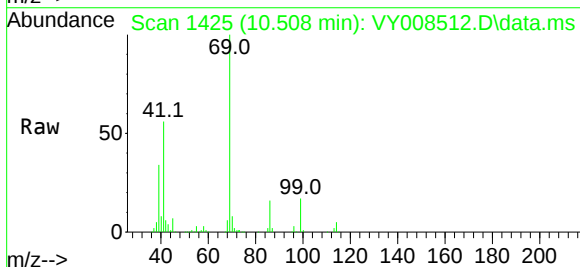
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

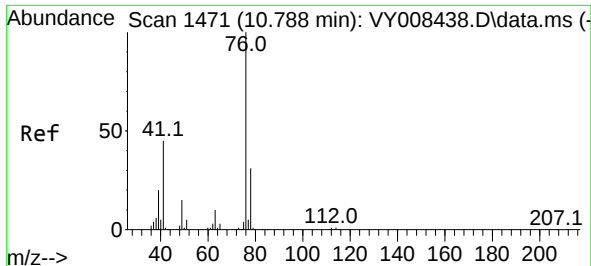
Tgt Ion:	97	Resp:	56475
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.8	104.8
85	53.2	44.3	66.5
99	63.4	49.8	74.6



#56
Ethyl methacrylate
Concen: 54.941 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:	69	Resp:	76066
Ion	Ratio	Lower	Upper
69	100		
41	55.4	63.4	95.0#
39	33.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 53.474 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

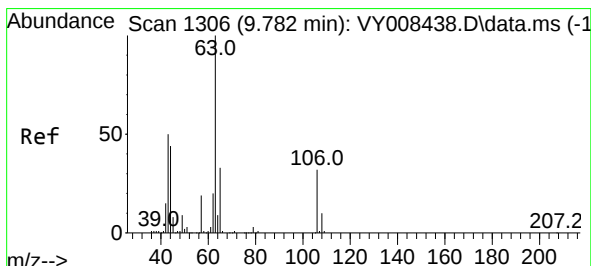
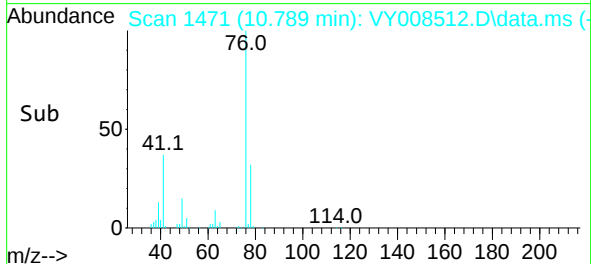
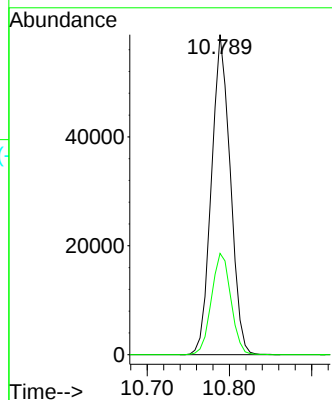
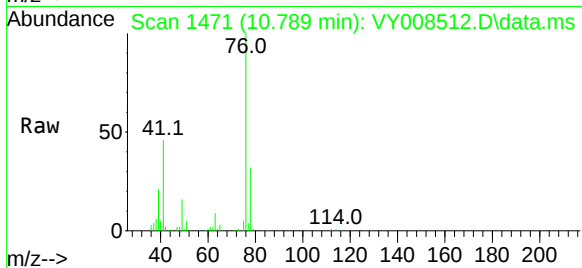
VSTDCCC050EC

Tgt Ion: 76 Resp: 93599

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.341 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008512.D

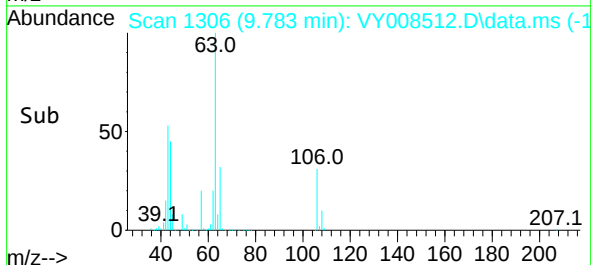
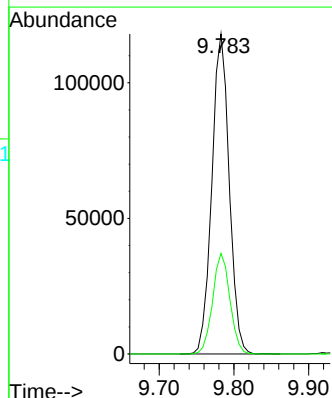
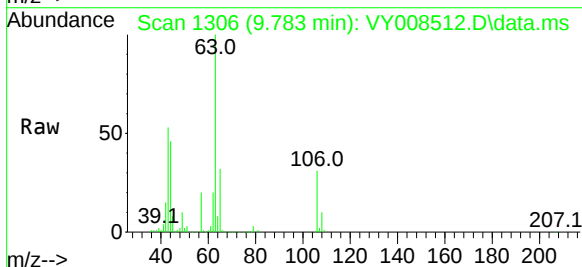
Acq: 26 Apr 2022 18:23

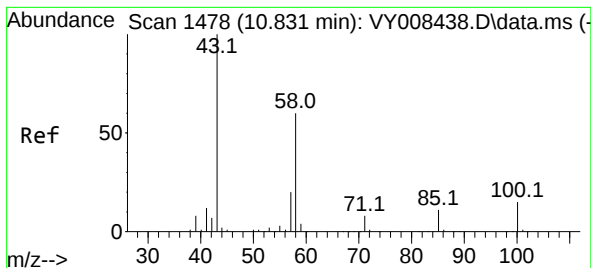
Tgt Ion: 63 Resp: 190712

Ion Ratio Lower Upper

63 100

106 31.3 21.5 32.3

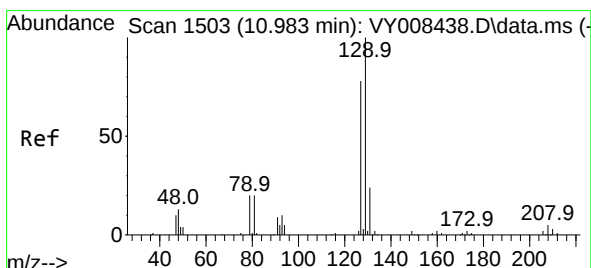
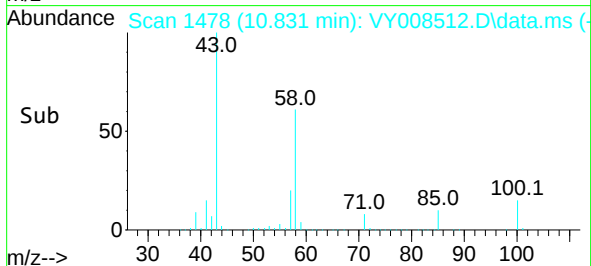
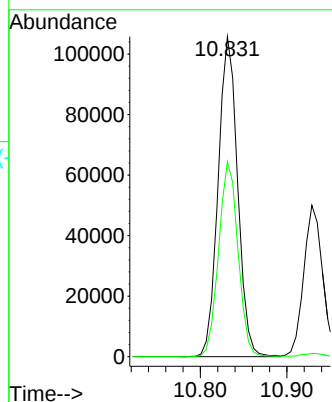
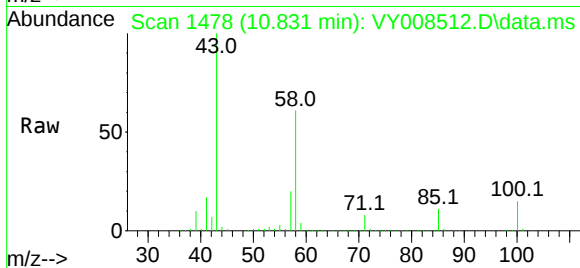




#59
2-Hexanone
Concen: 279.999 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

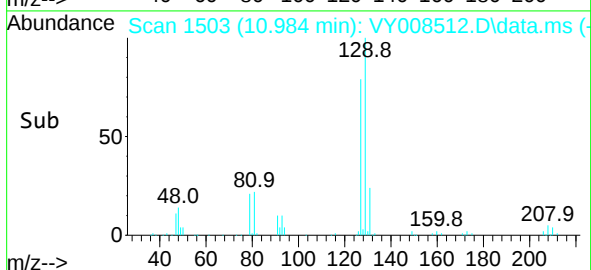
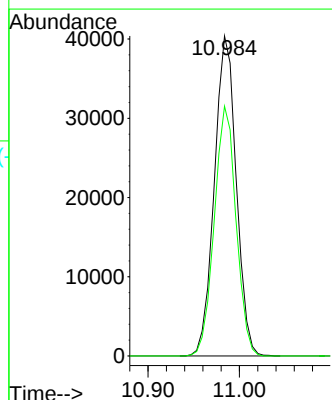
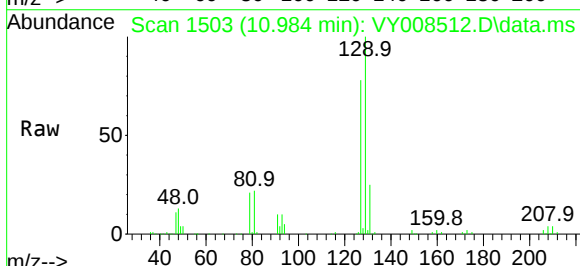
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

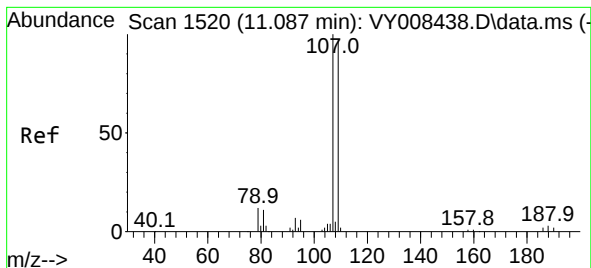
Tgt Ion: 43 Resp: 165016
Ion Ratio Lower Upper
43 100
58 60.6 24.4 73.4



#60
Dibromochloromethane
Concen: 54.546 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 129 Resp: 67197
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

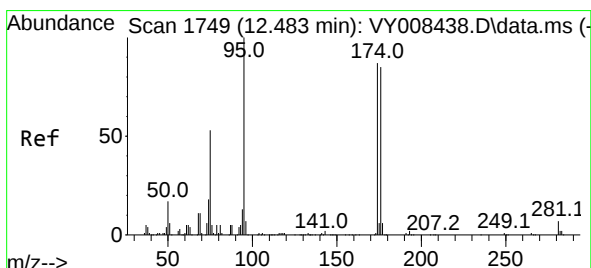
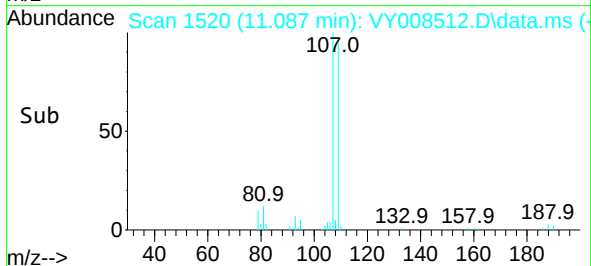
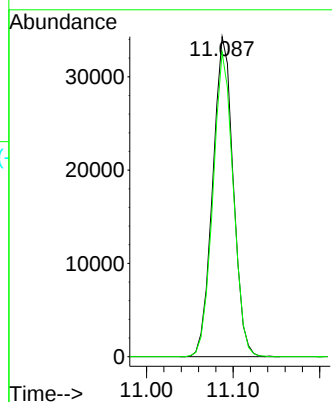
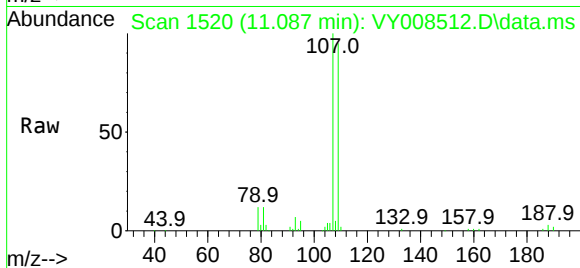




#61
1,2-Dibromoethane
Concen: 53.195 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

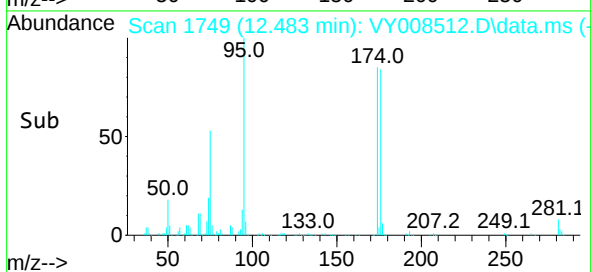
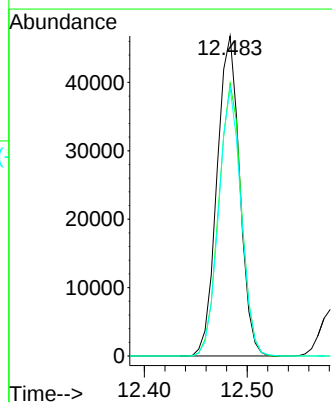
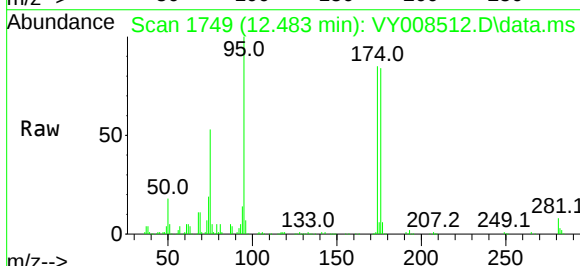
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

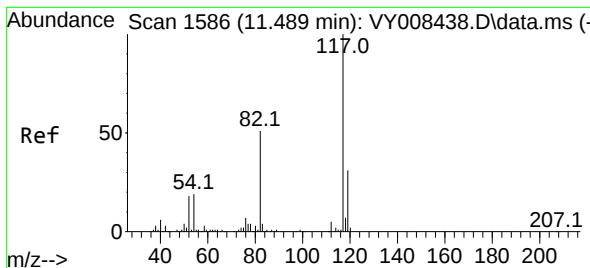
Tgt Ion:107 Resp: 56415
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 95 Resp: 71511
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 83.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

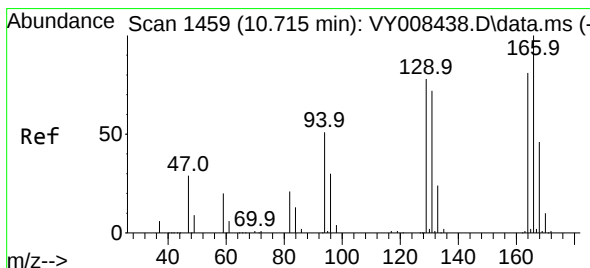
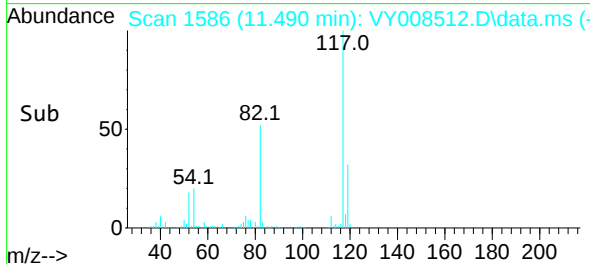
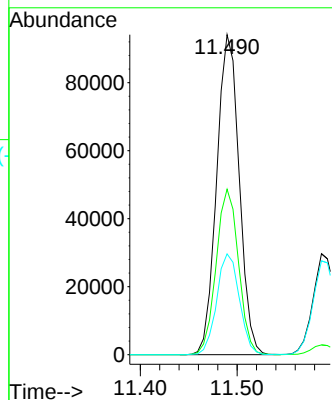
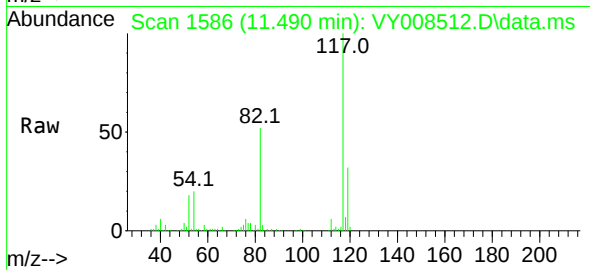
Tgt Ion:117 Resp: 152091

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.4

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 51.536 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Tgt Ion:164 Resp: 58126

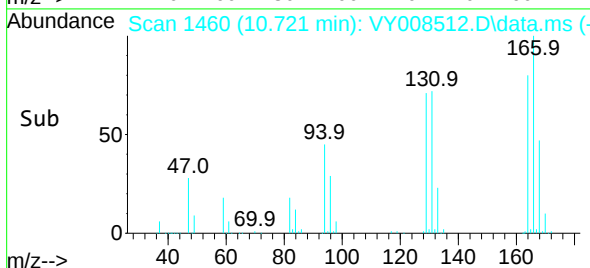
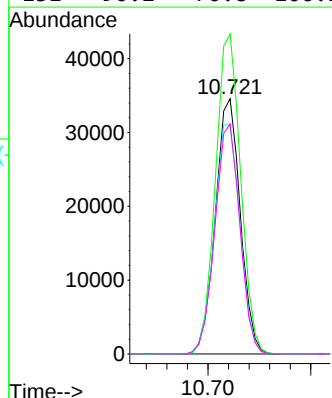
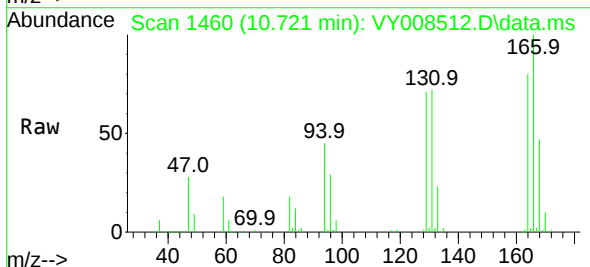
Ion Ratio Lower Upper

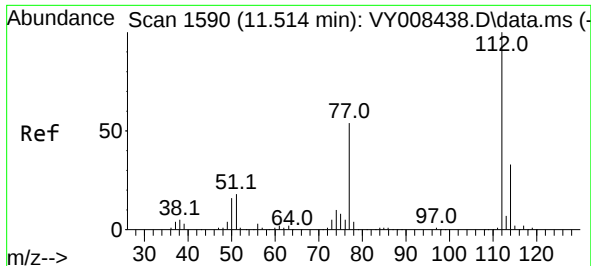
164 100

166 125.4 100.4 150.6

129 89.4 71.4 107.0

131 90.2 70.8 106.2

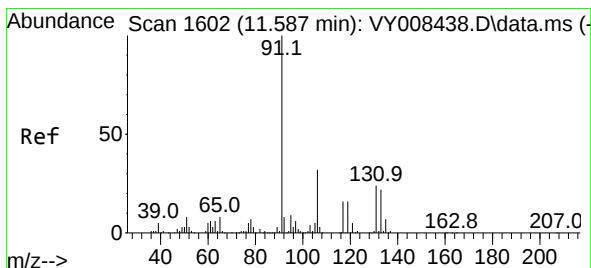
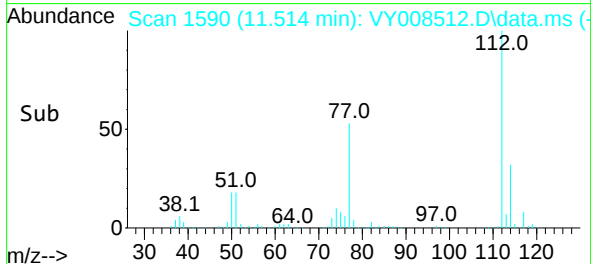
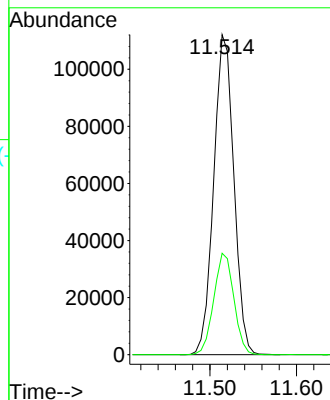
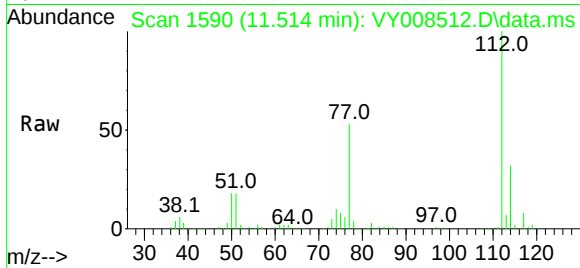




#65
Chlorobenzene
Concen: 52.637 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

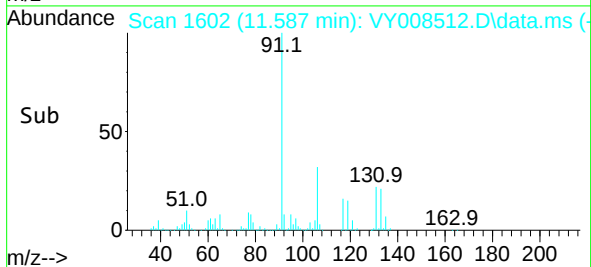
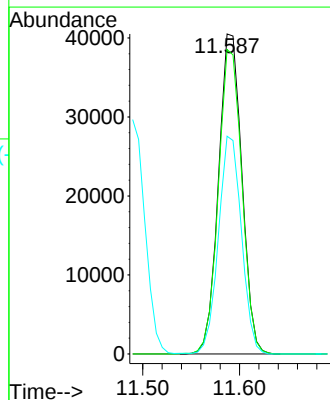
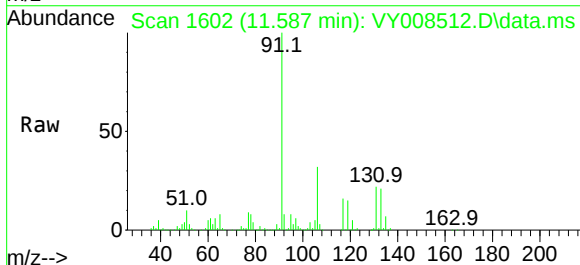
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

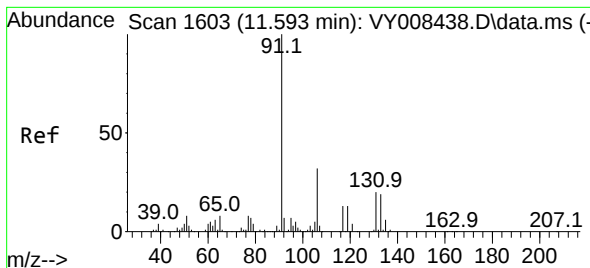
Tgt Ion:112 Resp: 181017
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.467 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:131 Resp: 67884
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 67.1 30.8 92.3





#67

Ethyl Benzene

Concen: 53.109 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

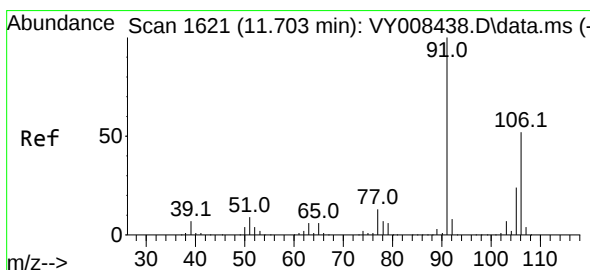
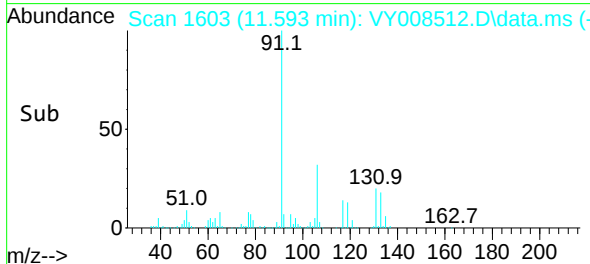
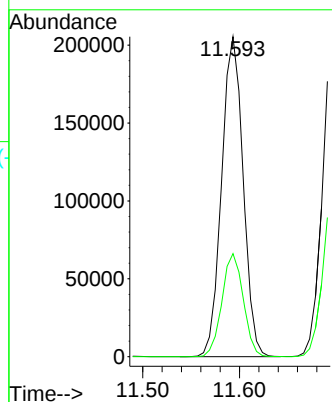
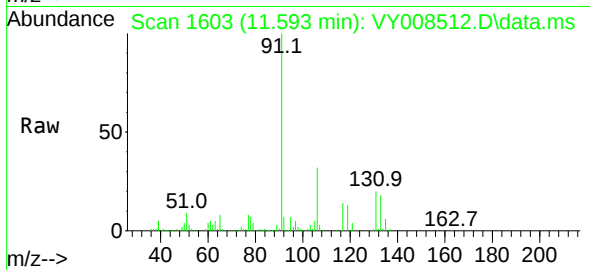
VSTDCCC050EC

Tgt Ion: 91 Resp: 316975

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 106.814 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008512.D

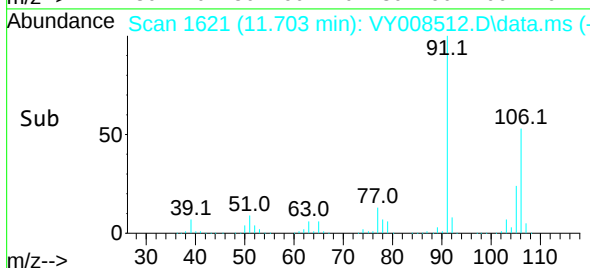
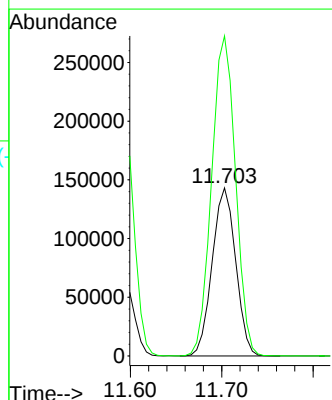
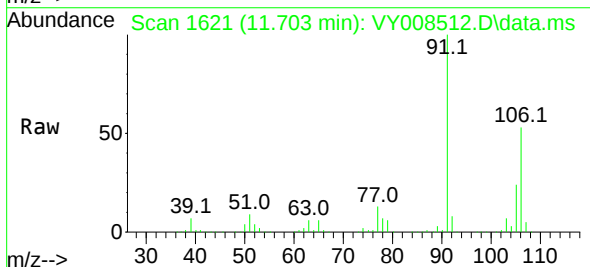
Acq: 26 Apr 2022 18:23

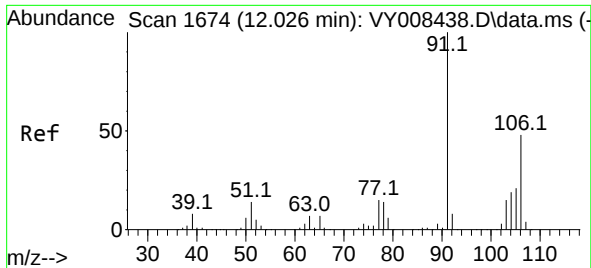
Tgt Ion:106 Resp: 255356

Ion Ratio Lower Upper

106 100

91 193.8 166.6 249.8

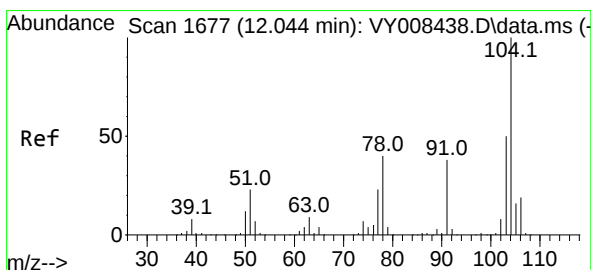
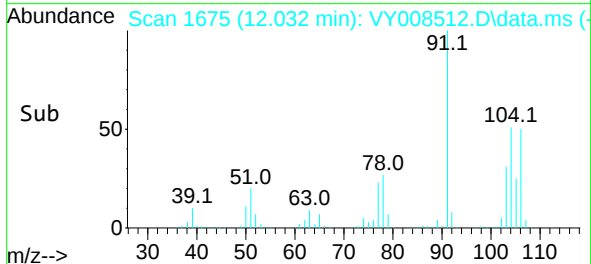
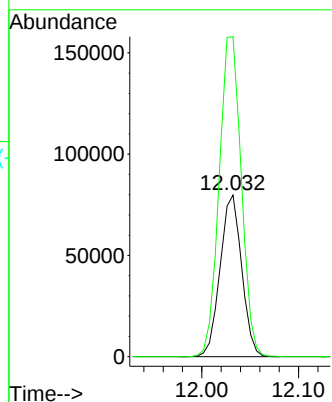
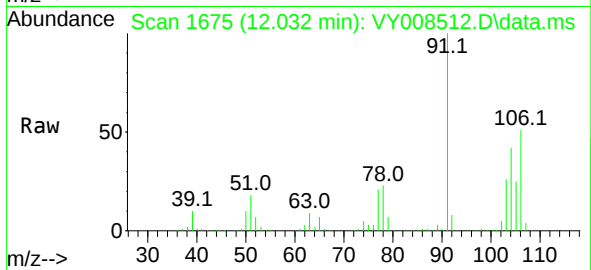




#69
o-Xylene
Concen: 53.559 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

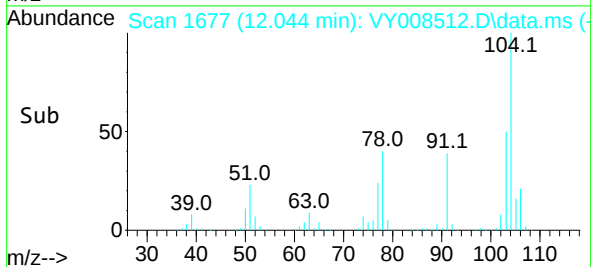
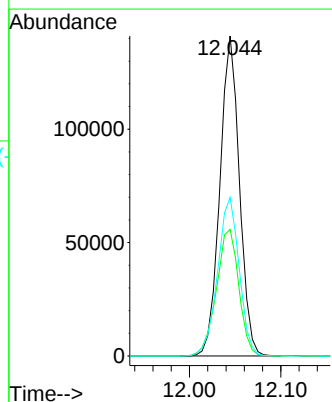
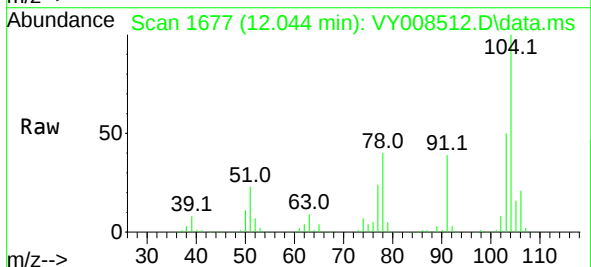
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

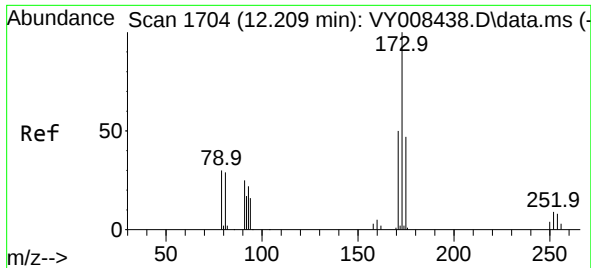
Tgt Ion:106 Resp: 123269
Ion Ratio Lower Upper
106 100
91 203.8 110.3 331.0



#70
Styrene
Concen: 54.191 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:104 Resp: 210186
Ion Ratio Lower Upper
104 100
78 45.2 42.4 63.6
103 54.5 44.4 66.6

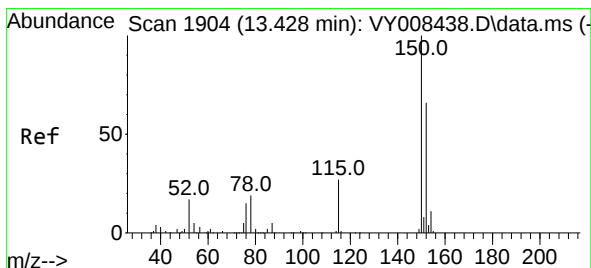
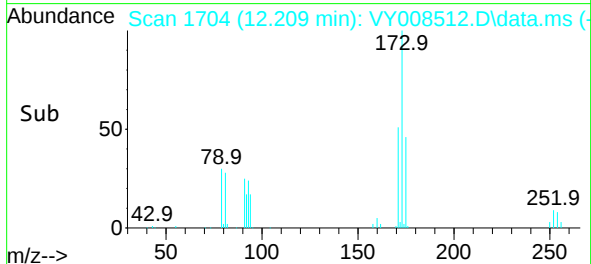
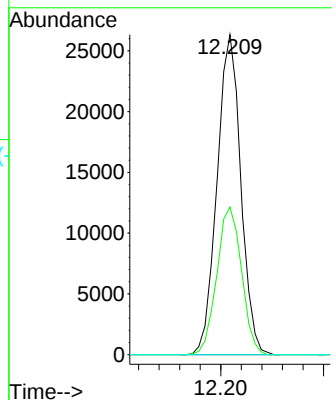
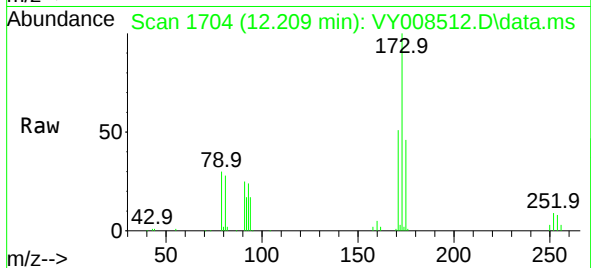




#71
Bromoform
Concen: 53.052 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

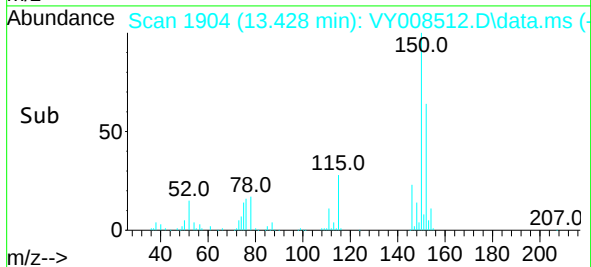
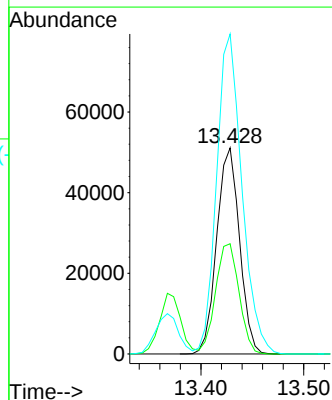
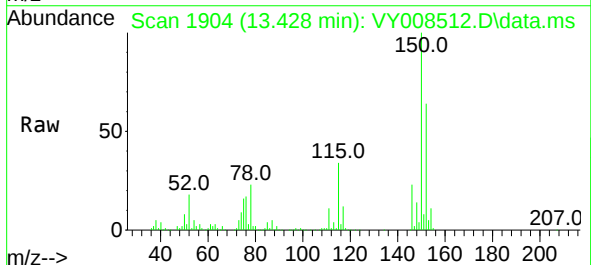
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

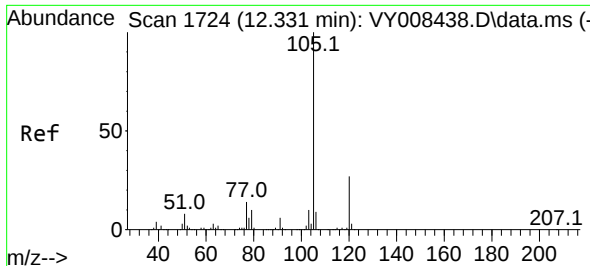
Tgt Ion:173 Resp: 42213
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:152 Resp: 78611
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 172.5 0.0 347.6

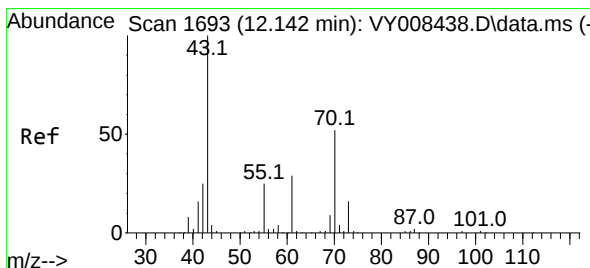
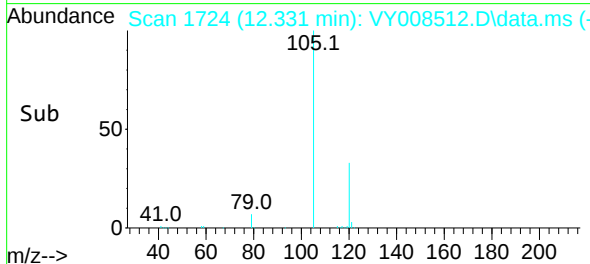
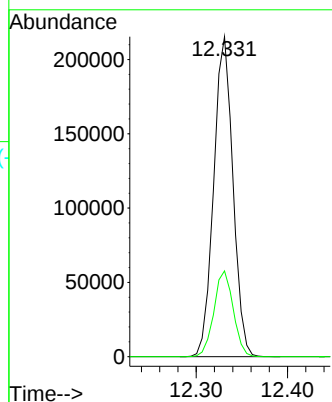
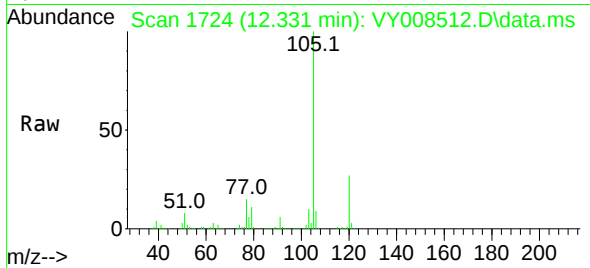




#73
Isopropylbenzene
Concen: 52.734 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

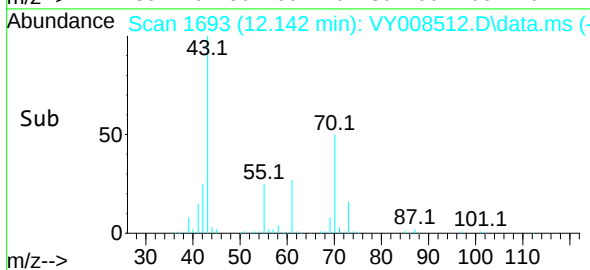
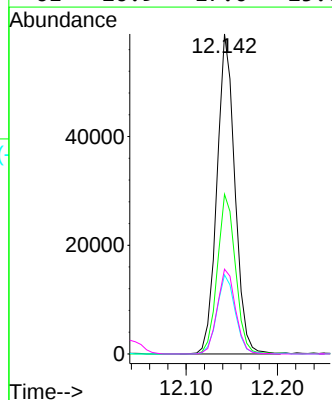
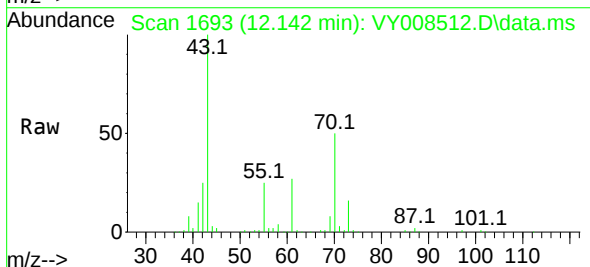
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

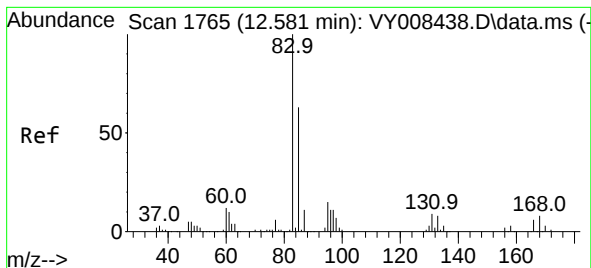
Tgt Ion:105 Resp: 314307
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 54.637 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 43 Resp: 80463
Ion Ratio Lower Upper
43 100
70 50.4 28.7 43.1#
55 25.3 17.3 25.9
61 26.9 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.176 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

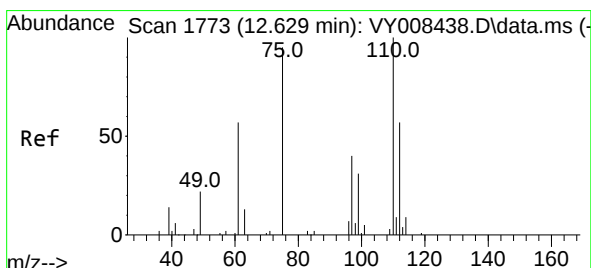
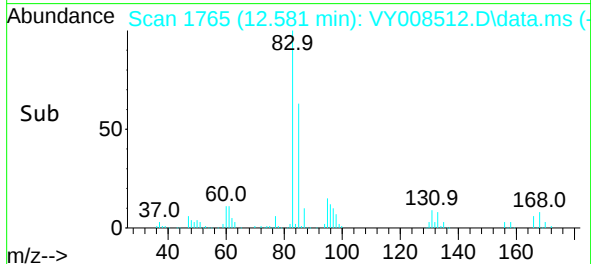
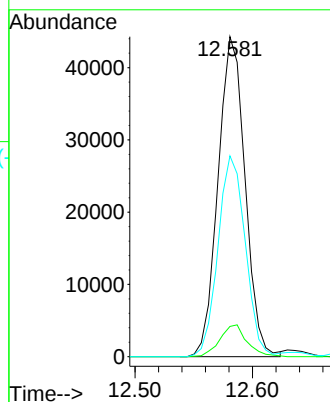
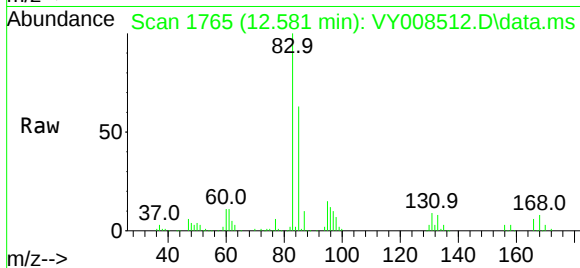
Tgt Ion: 83 Resp: 70816

Ion Ratio Lower Upper

83 100

131 10.0 5.6 16.8

85 63.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 85.722 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY008512.D

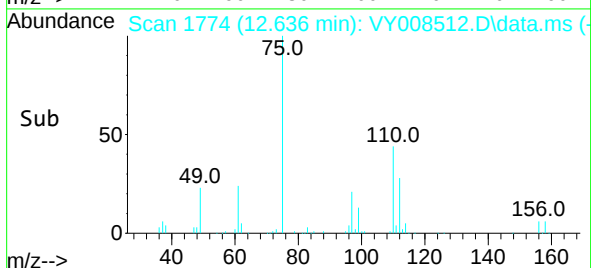
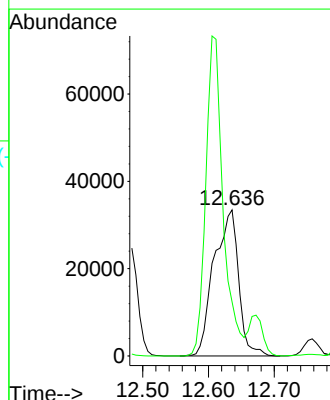
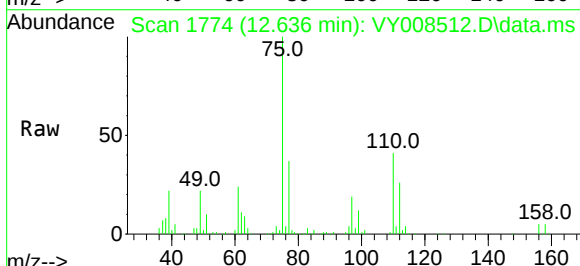
Acq: 26 Apr 2022 18:23

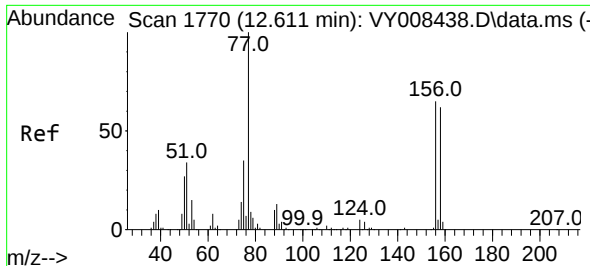
Tgt Ion: 75 Resp: 87210

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

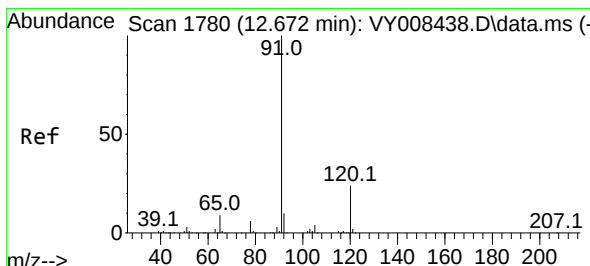
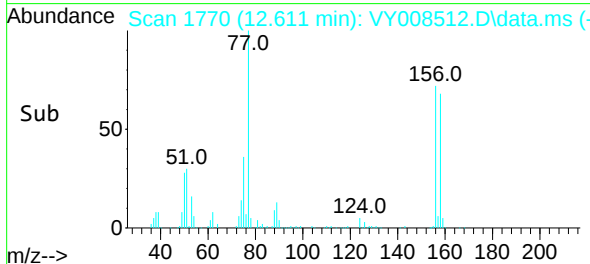
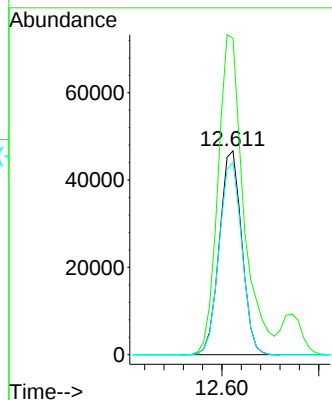
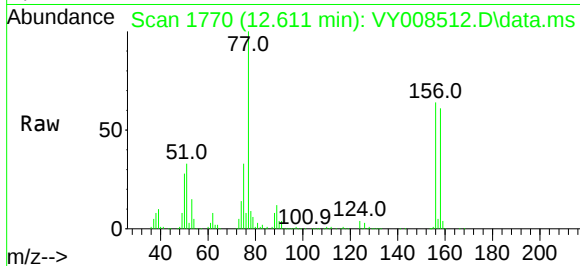




#77
Bromobenzene
Concen: 51.397 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

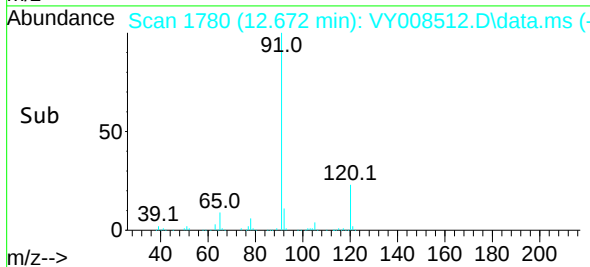
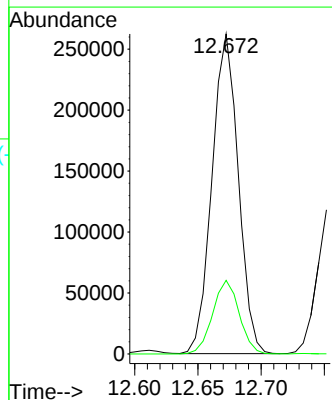
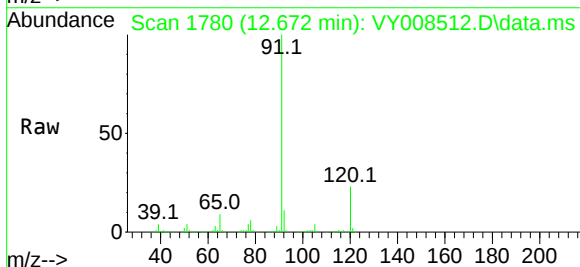
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

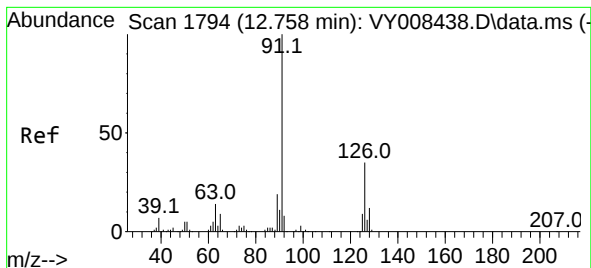
Tgt Ion:156 Resp: 74711
Ion Ratio Lower Upper
156 100
77 180.1 95.5 286.4
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 53.033 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 91 Resp: 379140
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 52.236 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

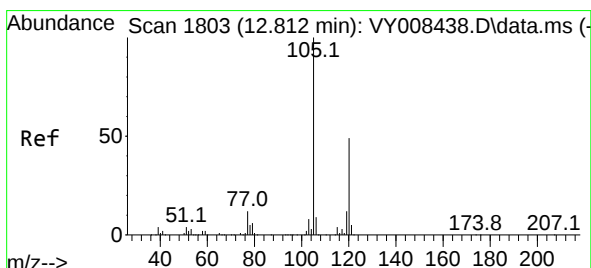
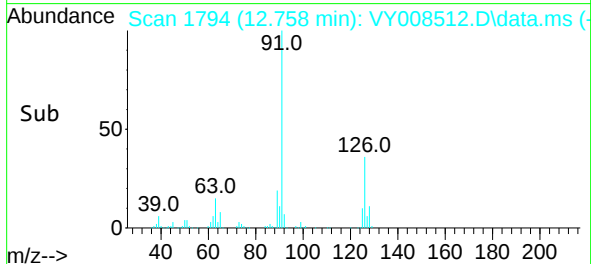
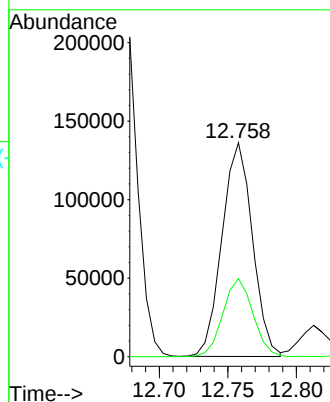
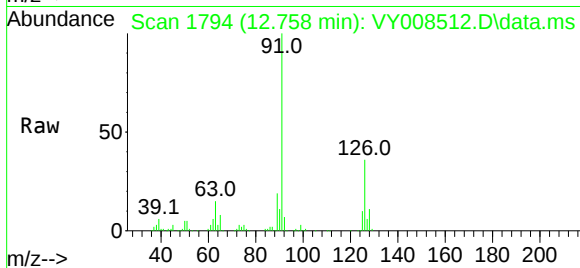
VSTDCCC050EC

Tgt Ion: 91 Resp: 210182

Ion Ratio Lower Upper

91 100

126 35.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 52.746 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY008512.D

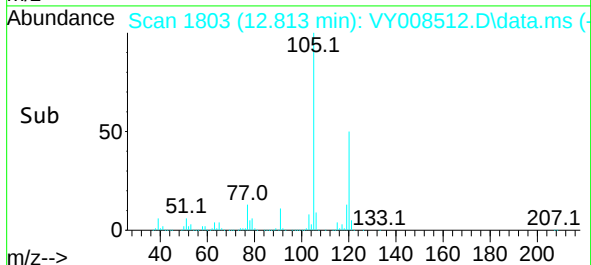
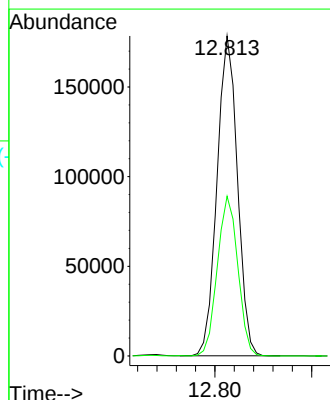
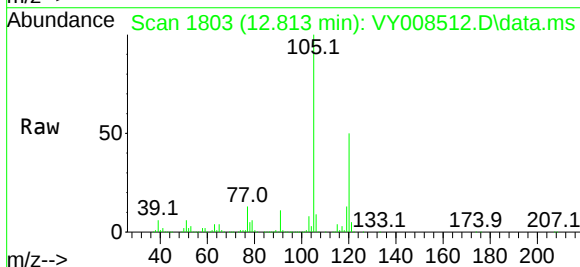
Acq: 26 Apr 2022 18:23

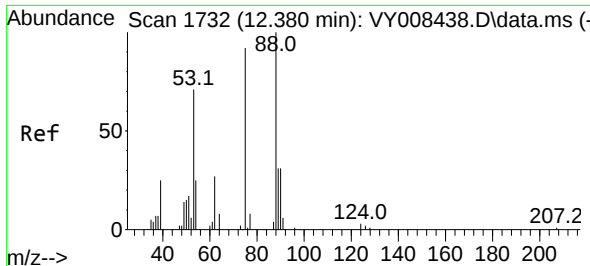
Tgt Ion: 105 Resp: 260947

Ion Ratio Lower Upper

105 100

120 50.1 24.4 73.4

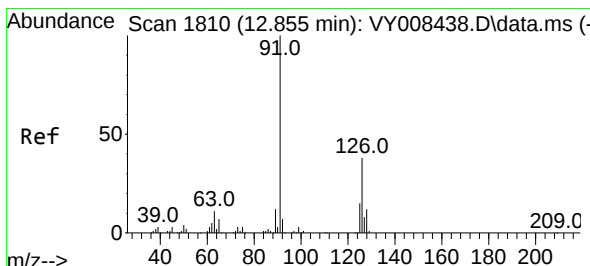
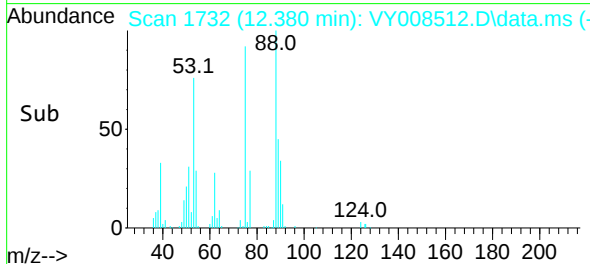
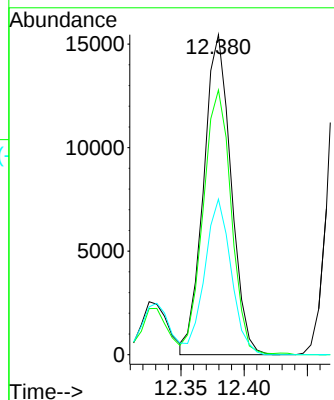
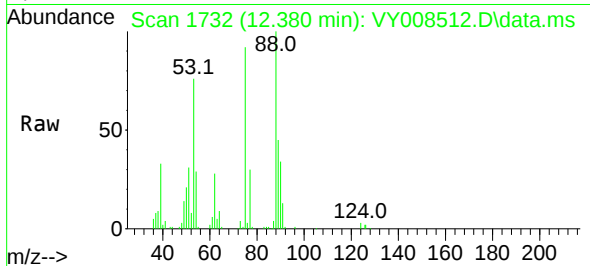




#81
trans-1,4-Dichloro-2-butene
Concen: 53.120 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

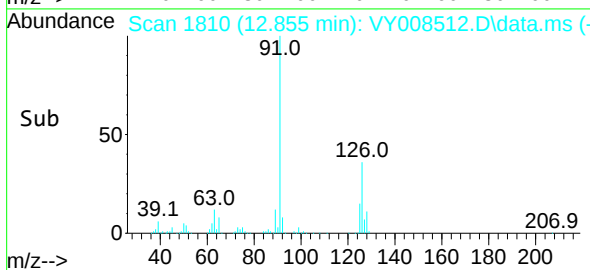
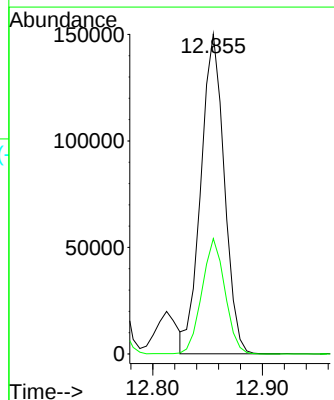
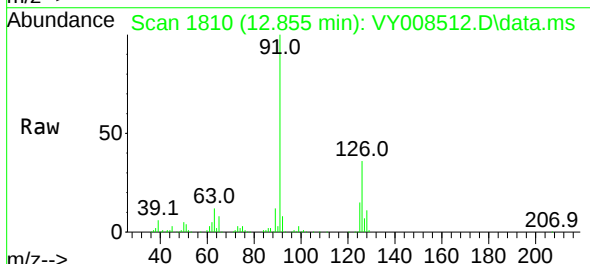
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

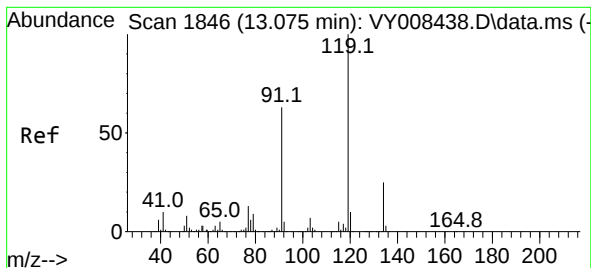
Tgt Ion: 75 Resp: 23295
Ion Ratio Lower Upper
75 100
53 84.8 85.3 127.9#
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.301 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 91 Resp: 222243
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.481 ug/l

RT: 13.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

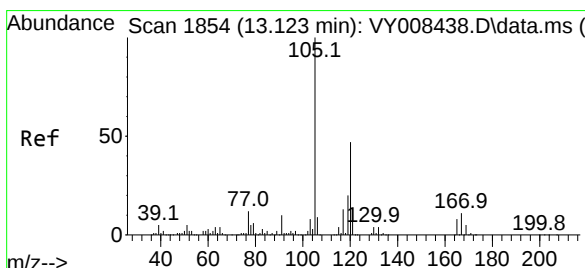
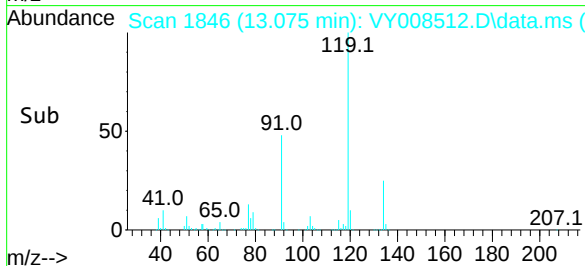
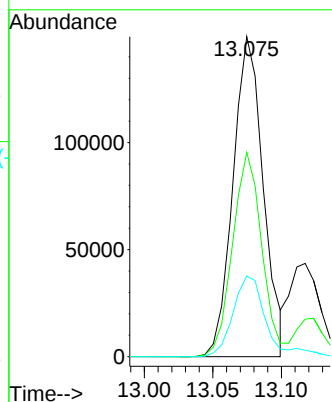
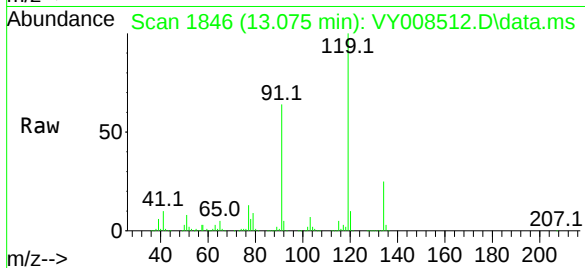
Tgt Ion:119 Resp: 229687

Ion Ratio Lower Upper

119 100

91 62.1 34.8 104.4

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.715 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY008512.D

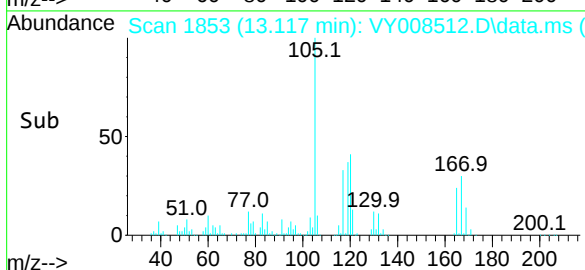
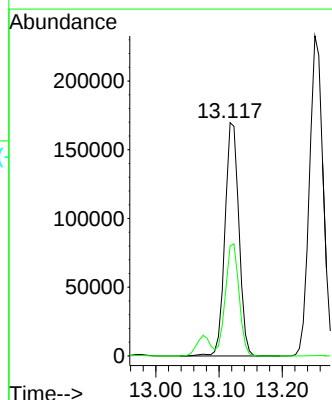
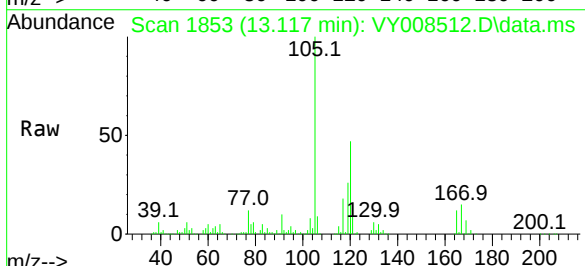
Acq: 26 Apr 2022 18:23

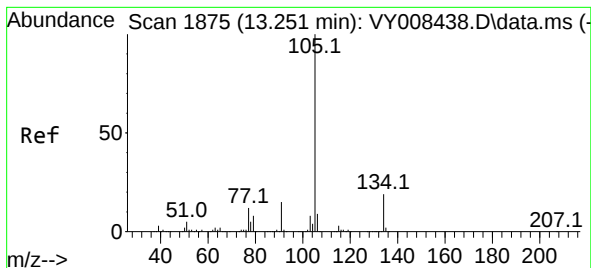
Tgt Ion:105 Resp: 258766

Ion Ratio Lower Upper

105 100

120 47.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.521 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

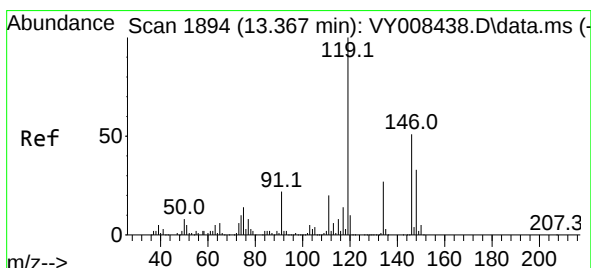
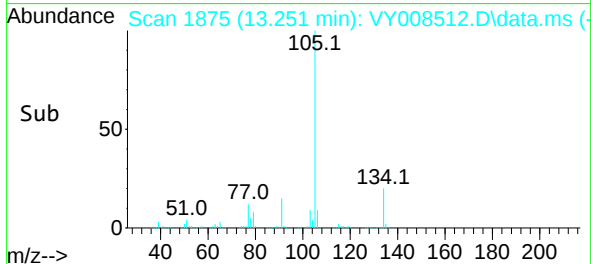
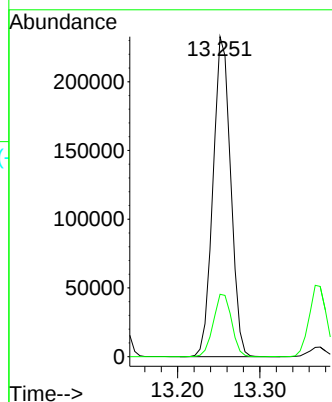
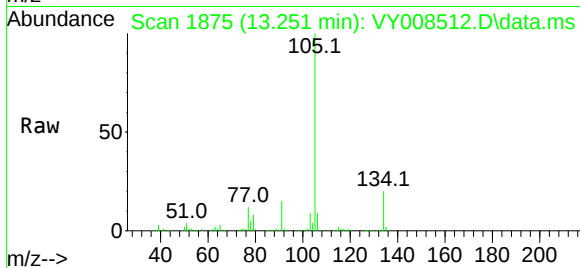
VSTDCCC050EC

Tgt Ion:105 Resp: 346892

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.147 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

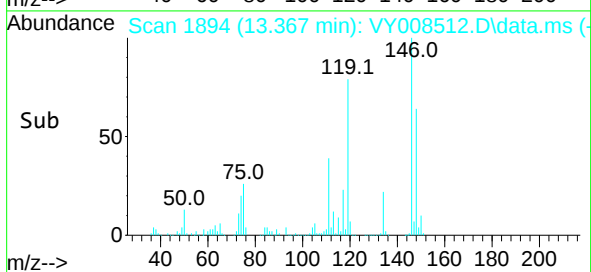
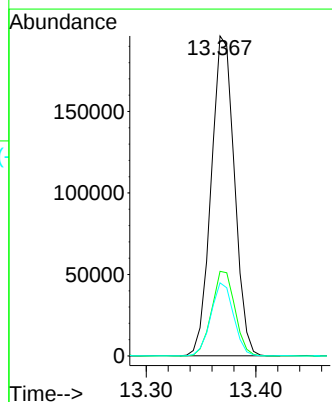
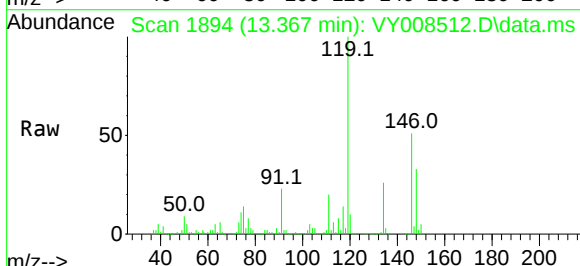
Tgt Ion:119 Resp: 288485

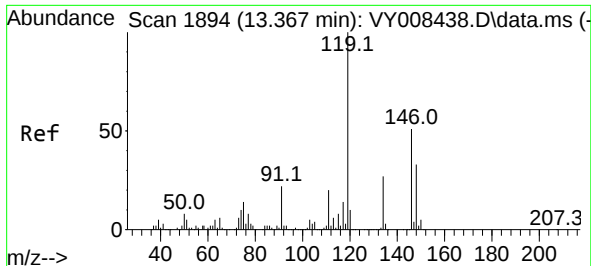
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.3 12.4 37.2

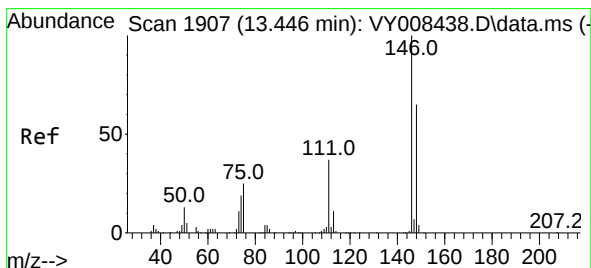
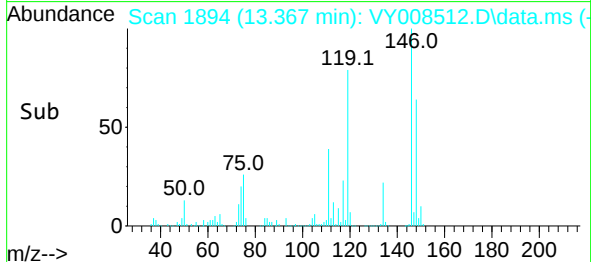
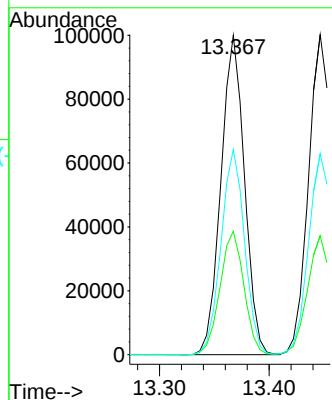
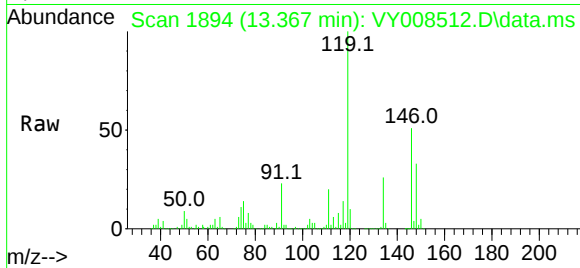




#87
1,3-Dichlorobenzene
Concen: 51.290 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

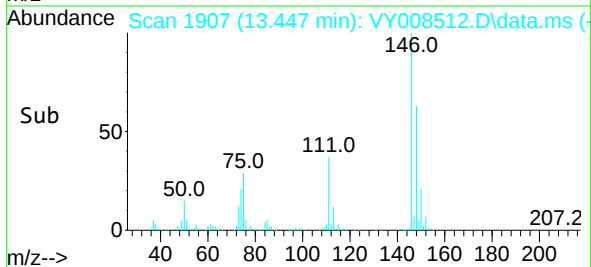
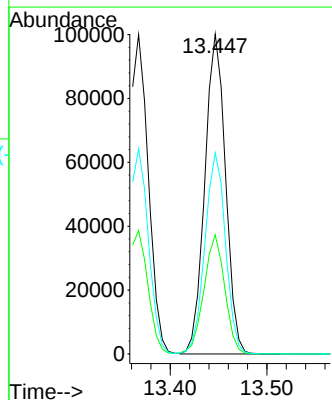
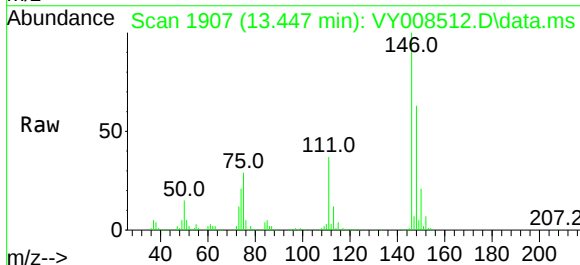
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

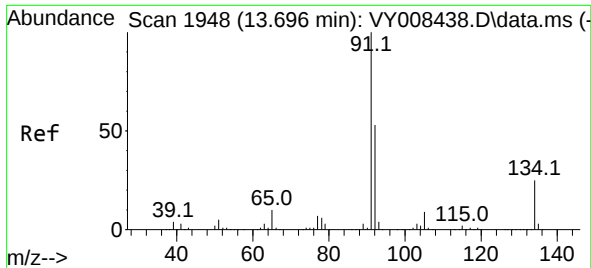
Tgt Ion:146 Resp: 149263
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 64.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 51.637 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion:146 Resp: 148861
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.8
148 62.9 32.6 97.8

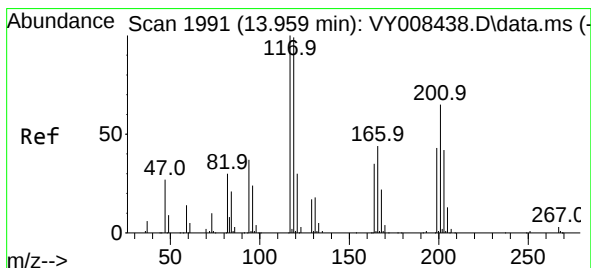
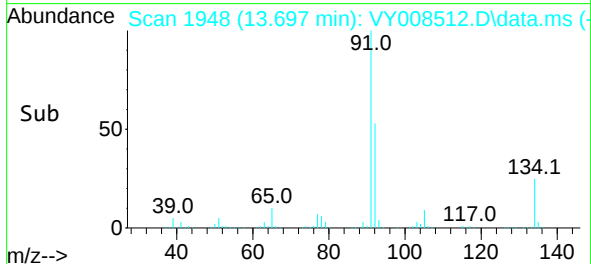
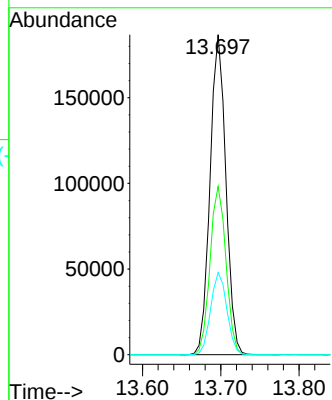
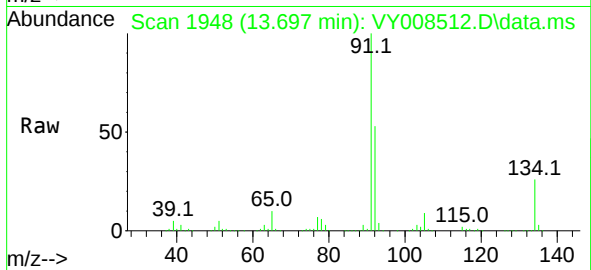




#89
n-Butylbenzene
Concen: 53.055 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

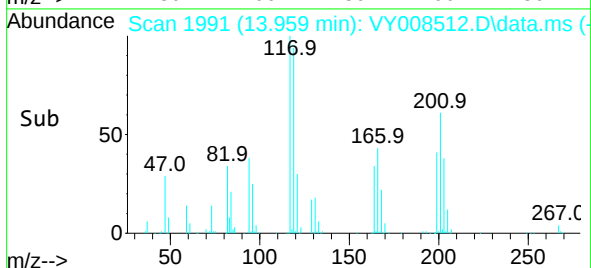
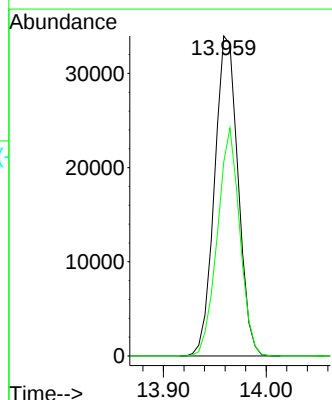
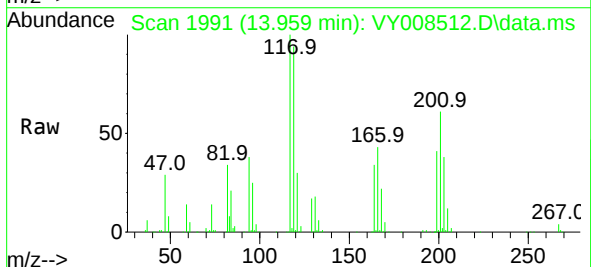
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

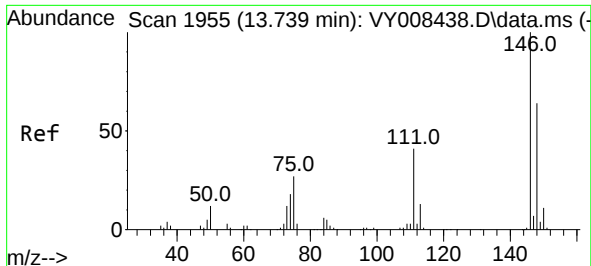
Tgt Ion: 91 Resp: 261383
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 55.315 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008512.D
Acq: 26 Apr 2022 18:23

Tgt Ion: 117 Resp: 53981
Ion Ratio Lower Upper
117 100
201 67.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 51.401 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

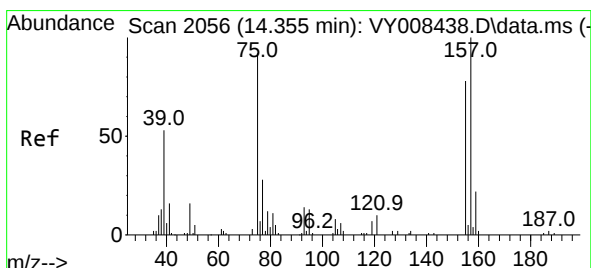
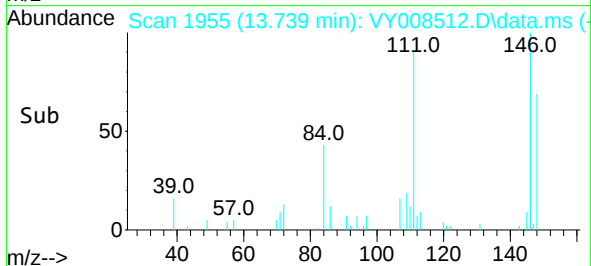
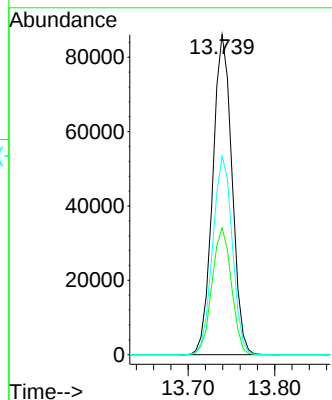
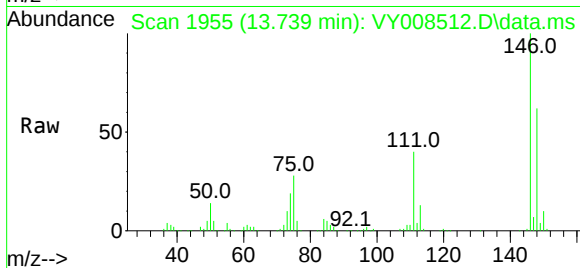
Tgt Ion:146 Resp: 133008

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 63.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.381 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

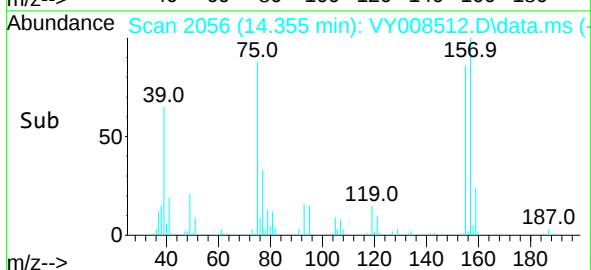
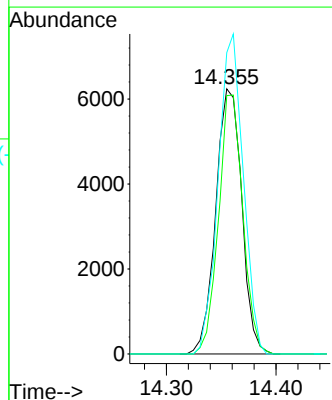
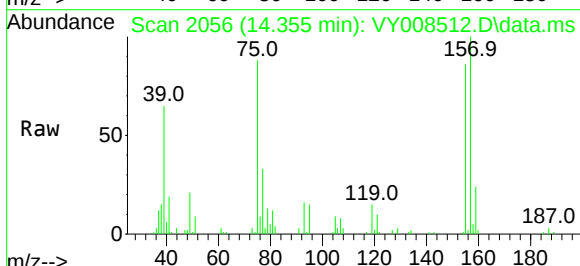
Tgt Ion: 75 Resp: 10283

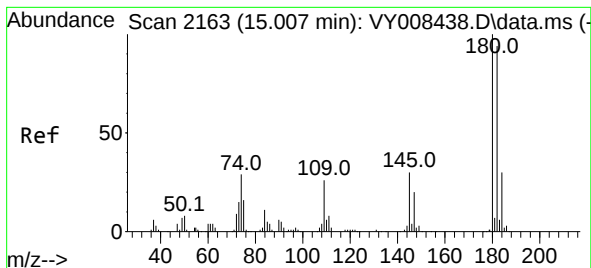
Ion Ratio Lower Upper

75 100

155 91.2 38.0 113.9

157 116.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.126 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

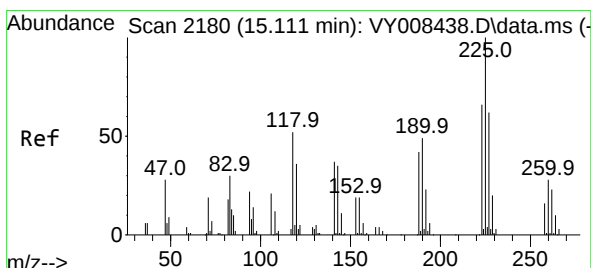
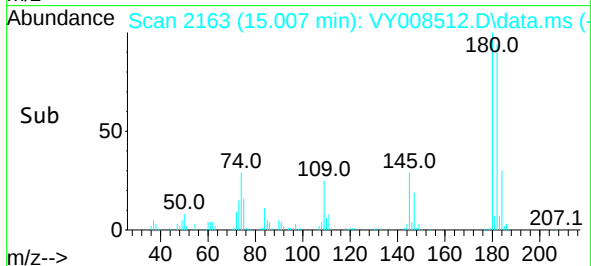
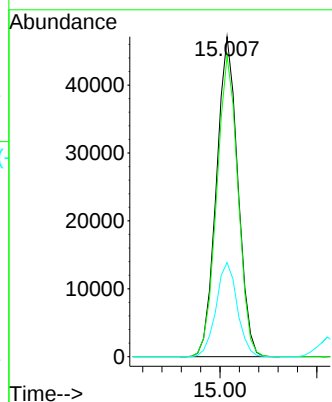
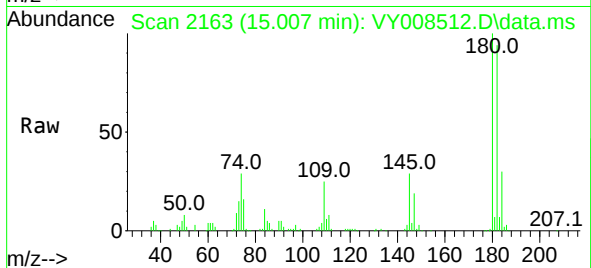
Tgt Ion:180 Resp: 72201

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.316 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

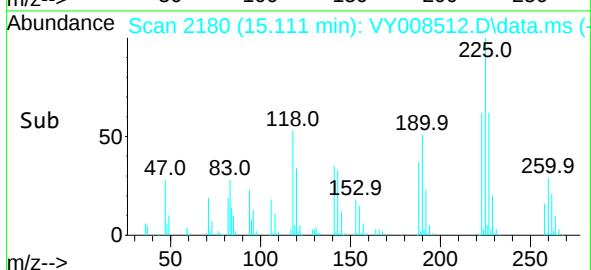
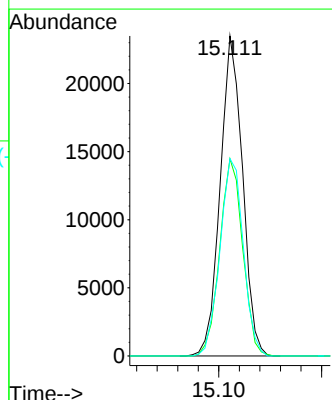
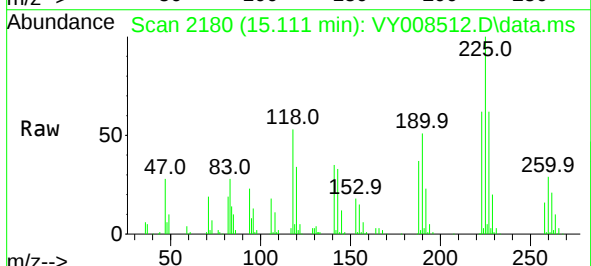
Tgt Ion:225 Resp: 35362

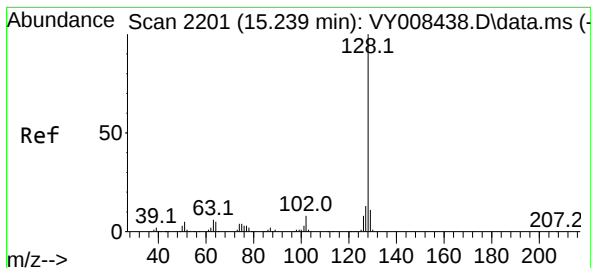
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 64.4 31.6 94.7





#95

Naphthalene

Concen: 50.267 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

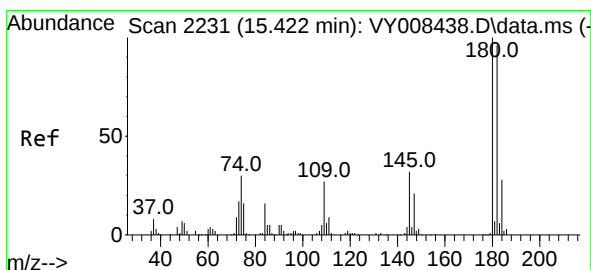
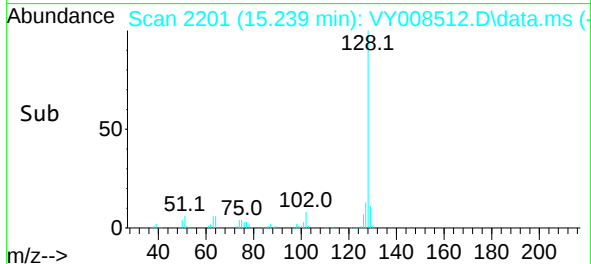
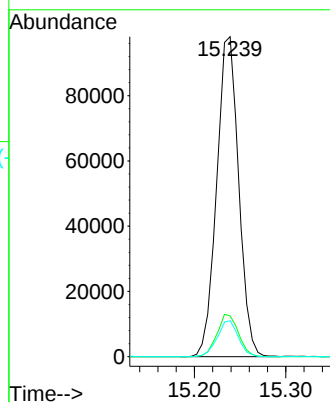
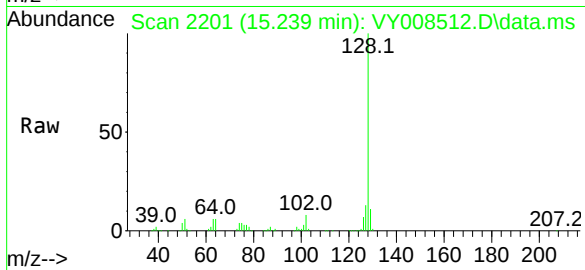
Tgt Ion:128 Resp: 164137

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.929 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008512.D

Acq: 26 Apr 2022 18:23

Tgt Ion:180 Resp: 61686

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 32.1 15.3 45.9

