

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008361.D
 Acq On : 15 Apr 2022 19:09
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 16 05:00:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98057	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54578	45.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.920%
35) Dibromofluoromethane	7.716	113	58595	44.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.780%
50) Toluene-d8	10.179	98	202704	45.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.760%
62) 4-Bromofluorobenzene	12.483	95	72446	43.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45743	43.215	ug/l	98
3) Chloromethane	2.113	50	63580	53.439	ug/l	94
4) Vinyl Chloride	2.247	62	90079	49.470	ug/l	100
5) Bromomethane	2.650	94	81225	58.175	ug/l	95
6) Chloroethane	2.796	64	64325	50.437	ug/l	100
7) Trichlorofluoromethane	3.125	101	106026	48.935	ug/l	94
8) Diethyl Ether	3.528	74	37924	48.433	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	66330	47.129	ug/l	94
10) Methyl Iodide	4.088	142	67756	43.410	ug/l	90
11) Tert butyl alcohol	4.948	59	36400	283.592	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	60926	48.328	ug/l #	80
13) Acrolein	3.723	56	19721	195.134	ug/l	99
14) Allyl chloride	4.479	41	82866	50.365	ug/l #	89
15) Acrylonitrile	5.161	53	100691	262.917	ug/l	98
16) Acetone	3.942	43	69596	241.007	ug/l #	87
17) Carbon Disulfide	4.192	76	139274	41.877	ug/l	99
18) Methyl Acetate	4.472	43	42342	62.159	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	206170	52.993	ug/l	94
20) Methylene Chloride	4.716	84	85995	57.537	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	73408	48.600	ug/l #	82
22) Diisopropyl ether	6.119	45	208203	53.637	ug/l #	90
23) Vinyl Acetate	6.058	43	692229	275.221	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	135021	54.189	ug/l	99
25) 2-Butanone	6.984	43	123540	273.596	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	122876	53.550	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	93381	52.106	ug/l	81
28) Bromochloromethane	7.332	49	52745	55.227	ug/l #	71
29) Tetrahydrofuran	7.344	42	80651	276.647	ug/l #	74
30) Chloroform	7.502	83	149704	53.807	ug/l	100
31) Cyclohexane	7.783	56	98637	45.433	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	131882	54.187	ug/l	95
36) 1,1-Dichloropropene	7.917	75	102340	49.099	ug/l	96
37) Ethyl Acetate	7.070	43	55695	51.821	ug/l #	90
38) Carbon Tetrachloride	7.899	117	114988	51.279	ug/l	98
39) Methylcyclohexane	9.185	83	121994	45.489	ug/l #	86
40) Benzene	8.161	78	313716	50.543	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74514	123.930	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	90970	50.518	ug/l	90
43) Isopropyl Acetate	8.271	43	107452	53.870	ug/l #	86
44) Trichloroethene	8.935	130	87212	49.302	ug/l	98
45) 1,2-Dichloropropane	9.216	63	77895	51.373	ug/l	95
46) Dibromomethane	9.307	93	51813	51.629	ug/l	95
47) Bromodichloromethane	9.496	83	117397	52.016	ug/l	99
48) Methyl methacrylate	9.289	41	44622	52.624	ug/l #	71
49) 1,4-Dioxane	9.295	88	13440	1037.769	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	291649	283.164	ug/l #	84
52) Toluene	10.246	92	206085	50.394	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	119335	51.882	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	134394	51.791	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	72157	50.405	ug/l	98
56) Ethyl methacrylate	10.508	69	94625	53.914	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	117733	51.214	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	148230	214.409	ug/l	90
59) 2-Hexanone	10.831	43	199615	281.659	ug/l	80
60) Dibromochloromethane	10.983	129	85776	51.295	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69922	49.958	ug/l	100
64) Tetrachloroethene	10.721	164	70376	50.062	ug/l	98
65) Chlorobenzene	11.514	112	227197	52.526	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	88277	54.692	ug/l	96
67) Ethyl Benzene	11.593	91	399064	54.252	ug/l	96
68) m/p-Xylenes	11.703	106	318154	108.755	ug/l	92
69) o-Xylene	12.032	106	155450	54.757	ug/l	90
70) Styrene	12.044	104	267349	57.102	ug/l	94
71) Bromoform	12.209	173	53460	54.947	ug/l #	98
73) Isopropylbenzene	12.331	105	403645	55.367	ug/l	100
74) N-amyl acetate	12.142	43	95952	60.622	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	90123	58.422	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	107960	99.549	ug/l #	100
77) Bromobenzene	12.611	156	93324	52.239	ug/l	94
78) n-propylbenzene	12.672	91	469351	54.559	ug/l	98
79) 2-Chlorotoluene	12.758	91	264132	54.710	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	327057	54.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	29298	60.446	ug/l #	82
82) 4-Chlorotoluene	12.855	91	276249	55.680	ug/l	96
83) tert-Butylbenzene	13.075	119	296888	55.359	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	331482	56.031	ug/l	97
85) sec-Butylbenzene	13.251	105	440145	55.359	ug/l	100
86) p-Isopropyltoluene	13.373	119	364357	54.916	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	191800	54.209	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	183968	52.536	ug/l	99
89) n-Butylbenzene	13.696	91	318249	53.090	ug/l	99
90) Hexachloroethane	13.959	117	67690	54.585	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	166915	53.026	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12725	57.655	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	84878	45.589	ug/l	99
94) Hexachlorobutadiene	15.111	225	43327	45.839	ug/l	98
95) Naphthalene	15.239	128	202713	50.829	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	74987	46.025	ug/l	99

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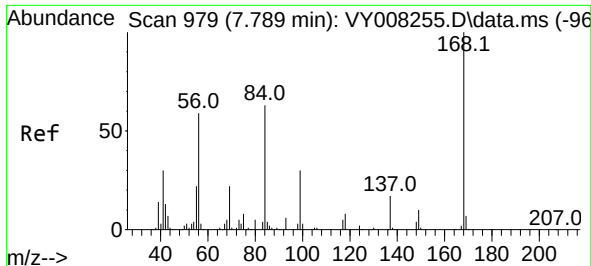
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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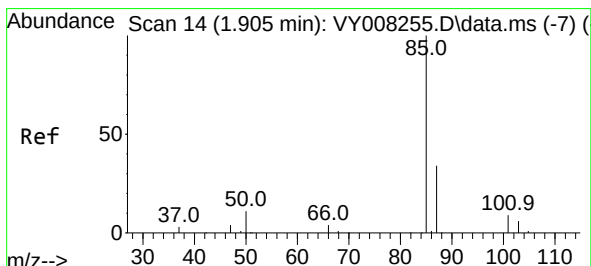
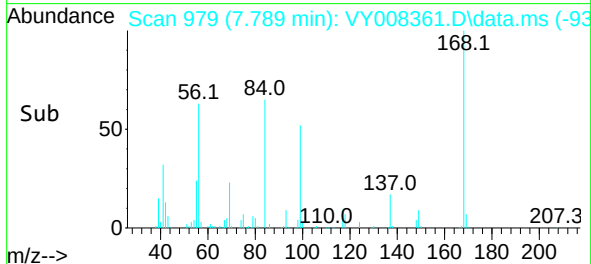
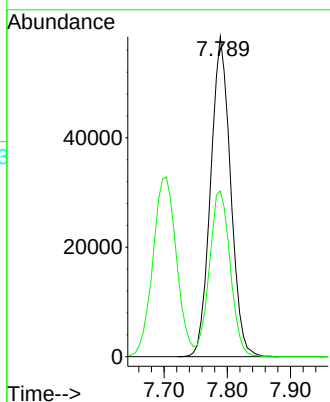
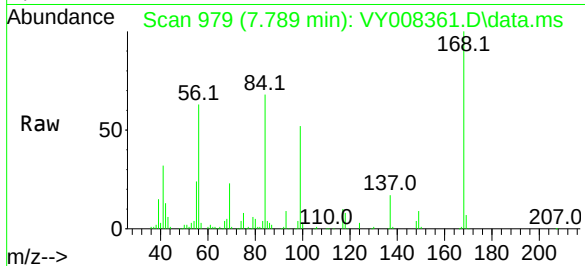




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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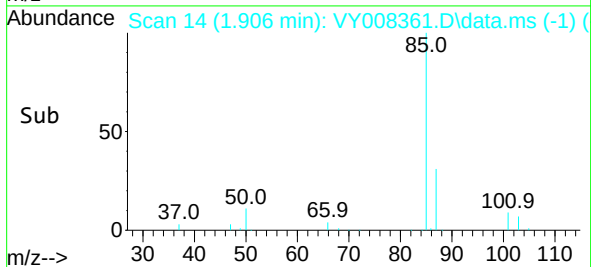
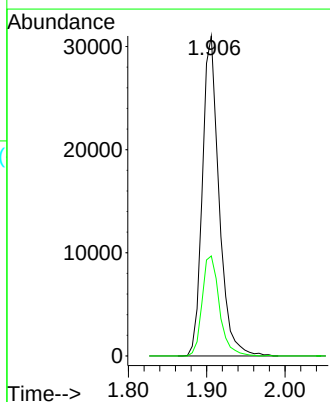
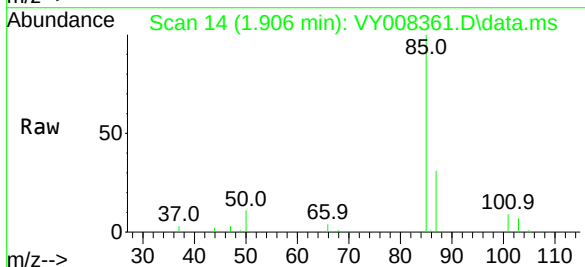
Instrument :
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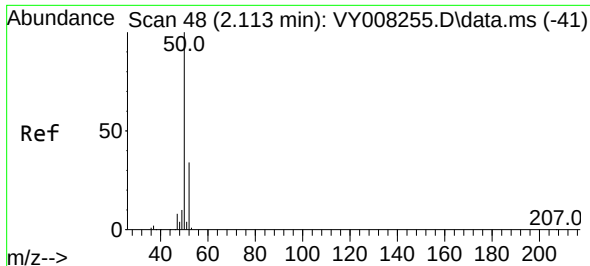
Tgt Ion:168 Resp: 127815
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 43.215 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 85 Resp: 45743
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

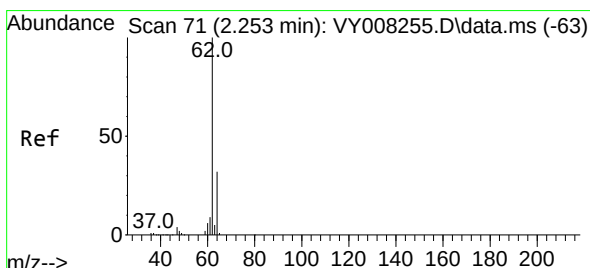
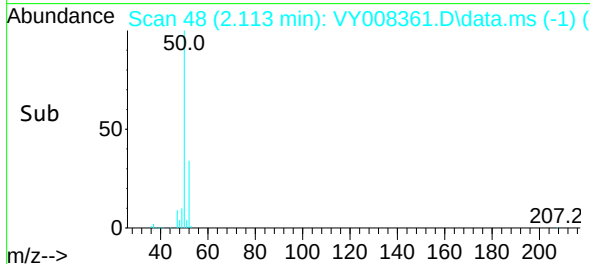
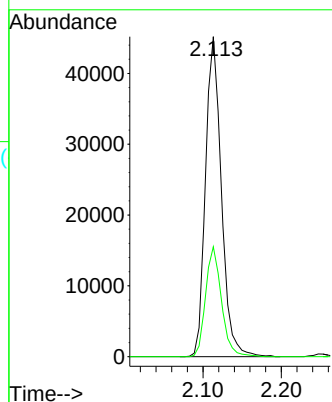
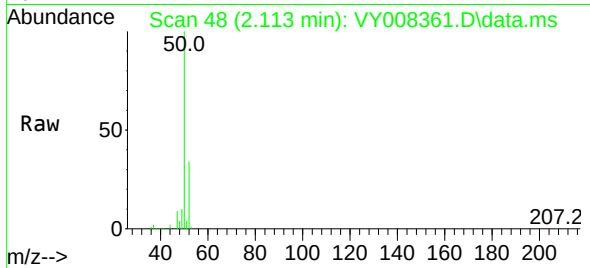




#3
Chloromethane
Concen: 53.439 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008361.D
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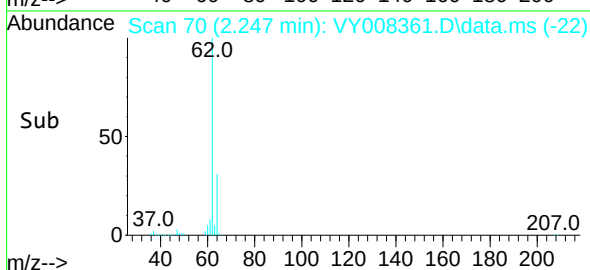
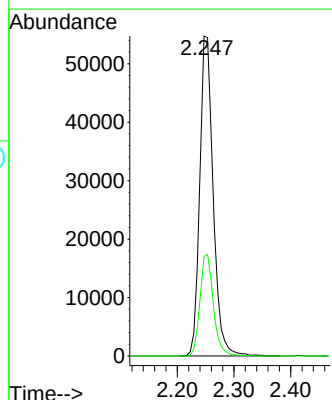
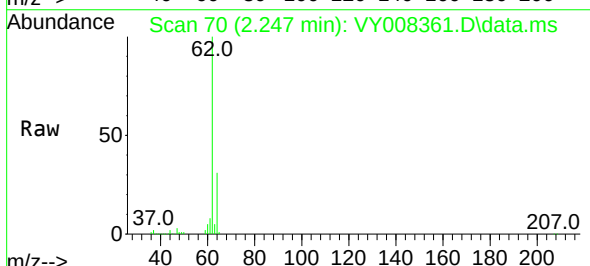
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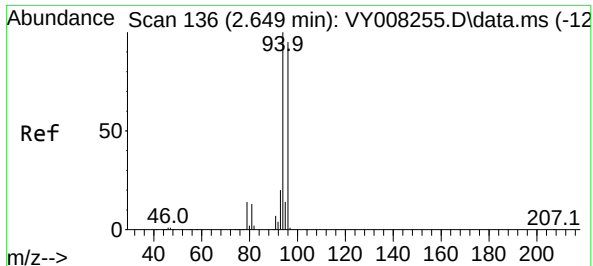
Tgt Ion: 50 Resp: 63580
Ion Ratio Lower Upper
50 100
52 34.4 24.6 37.0



#4
Vinyl Chloride
Concen: 49.470 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 62 Resp: 90079
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.6

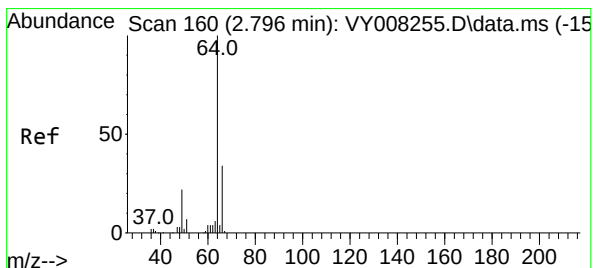
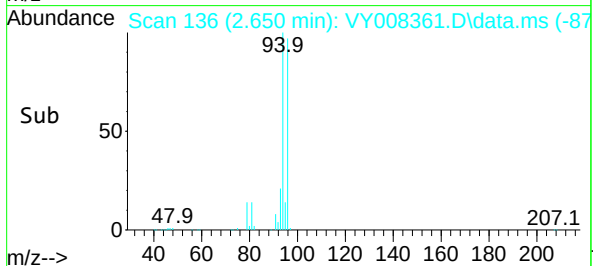
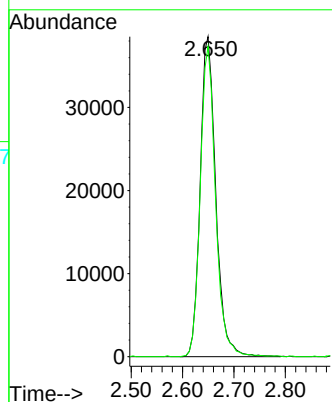
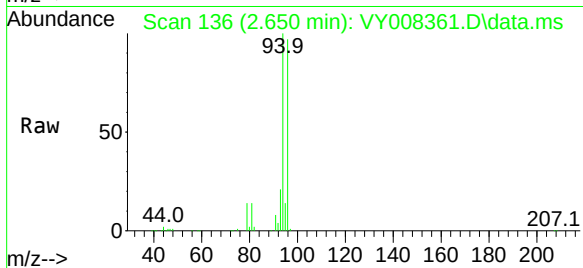




#5
Bromomethane
Concen: 58.175 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

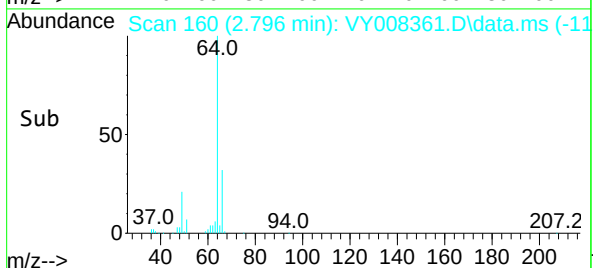
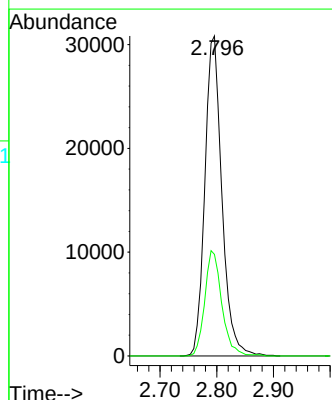
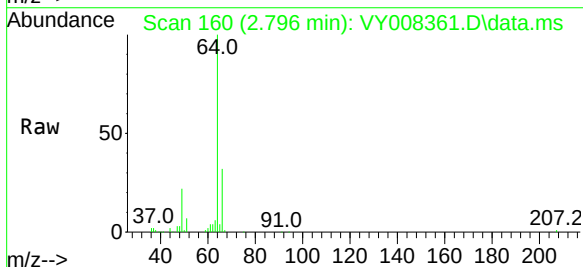
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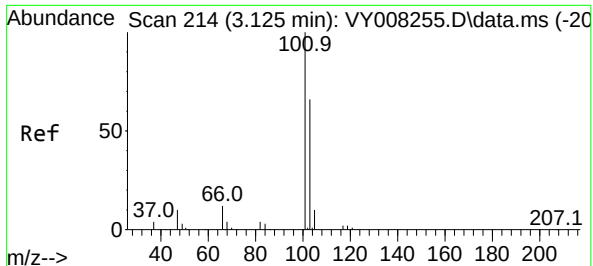
Tgt Ion: 94 Resp: 81225
Ion Ratio Lower Upper
94 100
96 96.9 73.5 110.3



#6
Chloroethane
Concen: 50.437 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 64 Resp: 64325
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.0

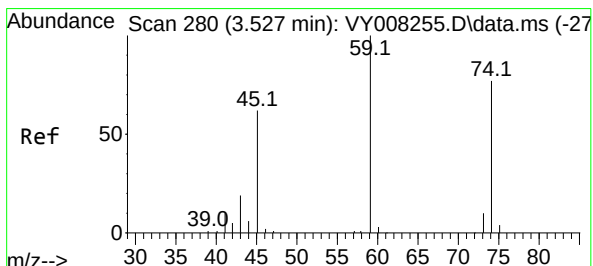
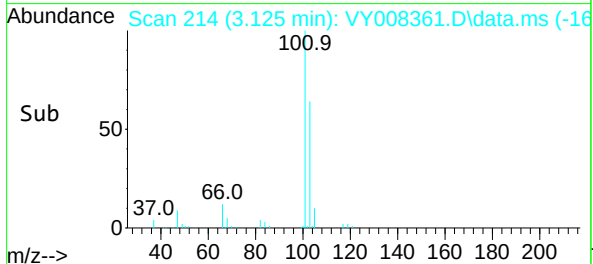
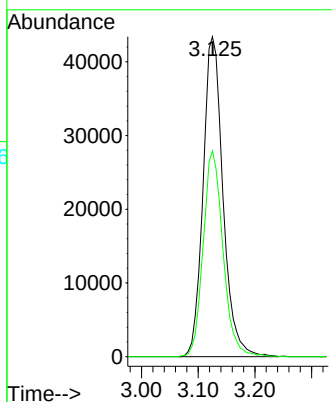
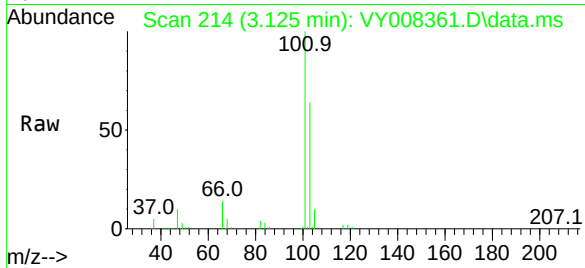




#7
 Trichlorofluoromethane
 Concen: 48.935 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

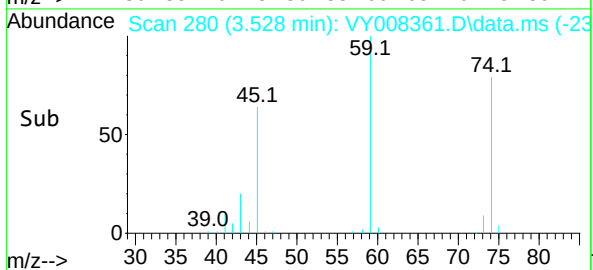
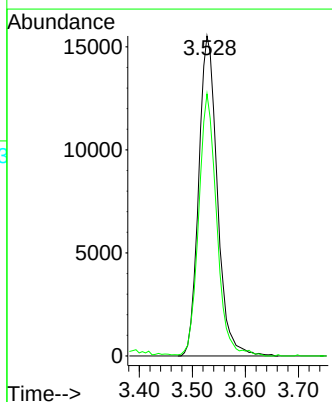
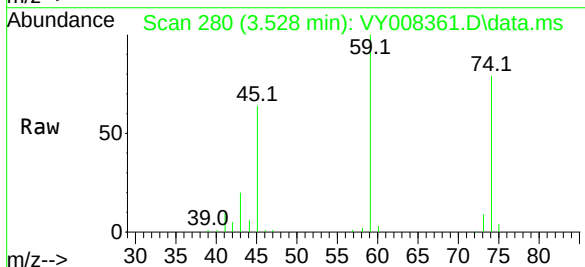
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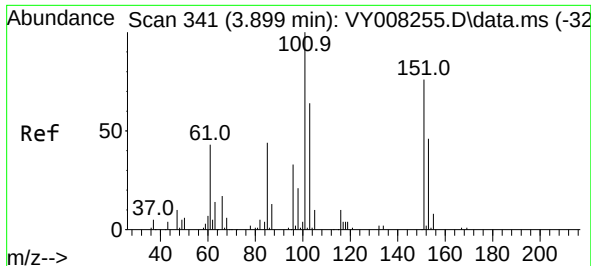
Tgt Ion:101 Resp: 106026
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 48.433 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY008361.D
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Tgt Ion: 74 Resp: 37924
 Ion Ratio Lower Upper
 74 100
 45 79.3 55.1 165.5

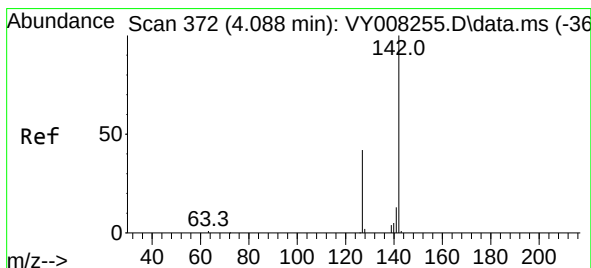
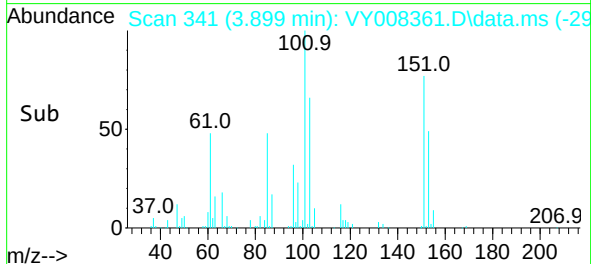
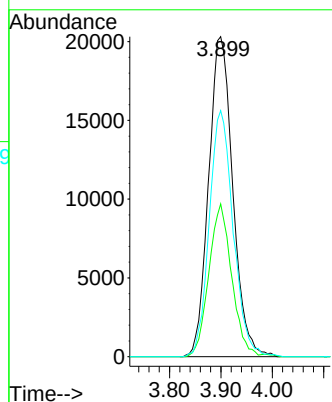
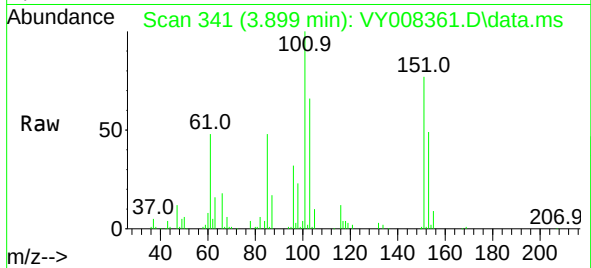




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.129 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008361.D
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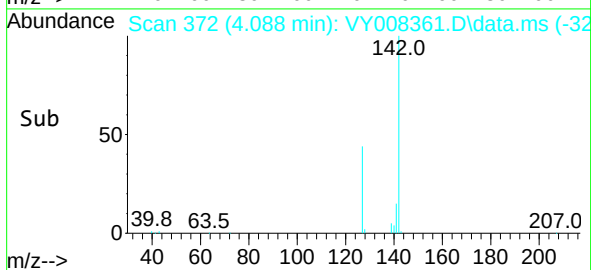
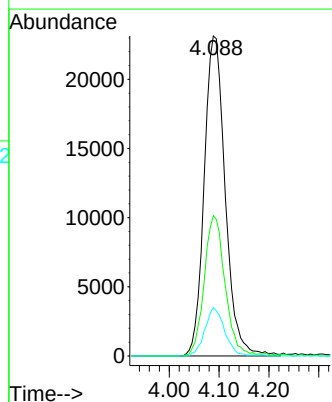
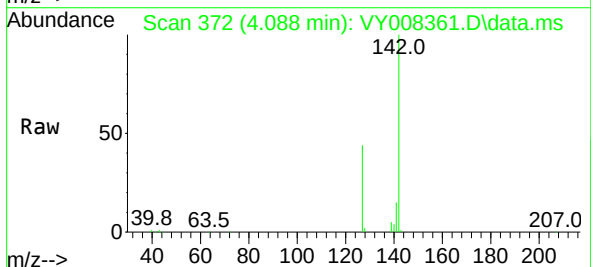
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

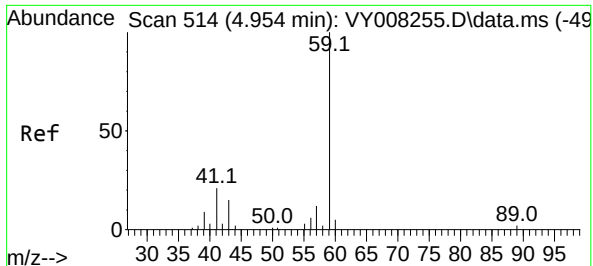
Tgt Ion:101 Resp: 66330
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 76.3 64.9 97.3



#10
Methyl Iodide
Concen: 43.410 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion:142 Resp: 67756
Ion Ratio Lower Upper
142 100
127 43.4 41.5 62.3
141 14.2 11.9 17.9

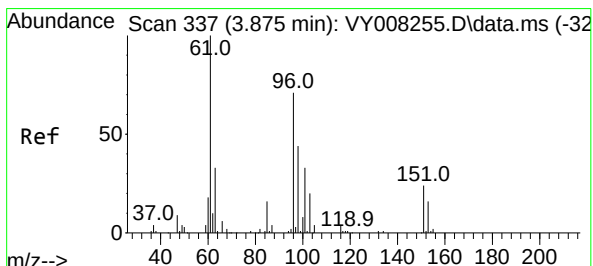
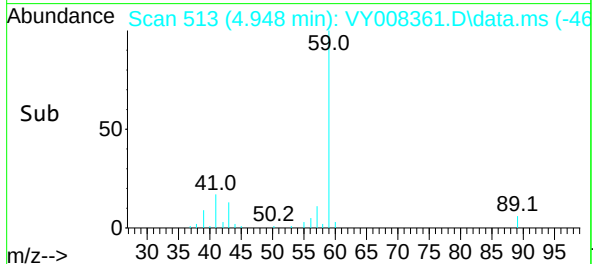
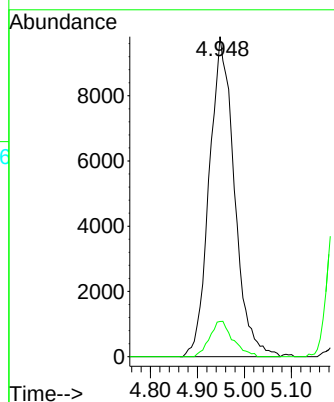
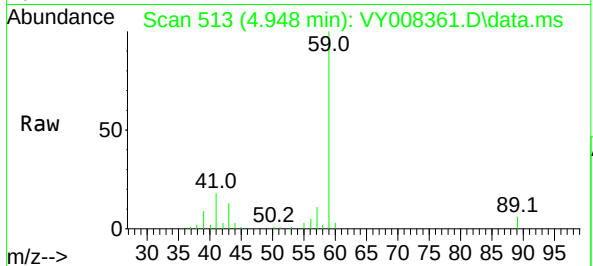




#11
Tert butyl alcohol
Concen: 283.592 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

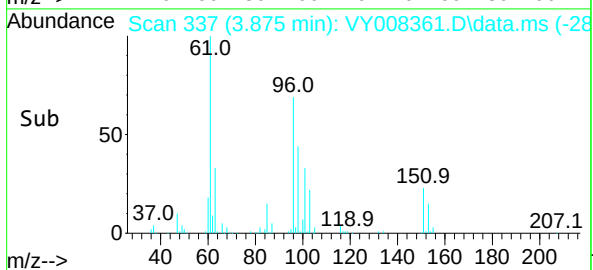
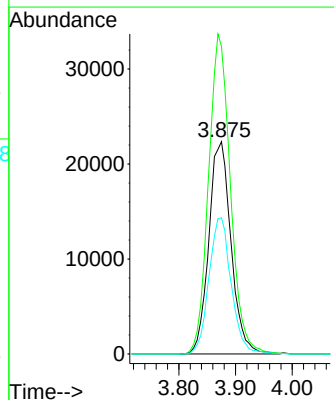
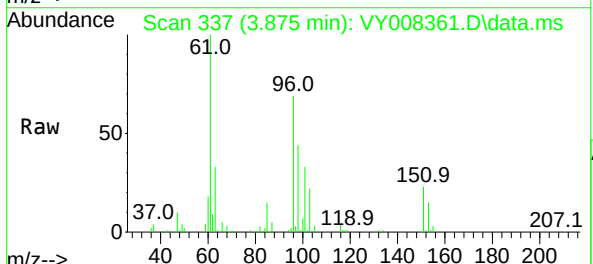
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

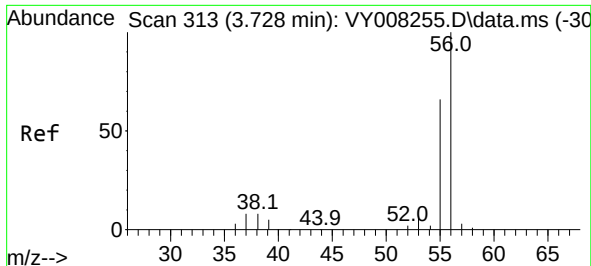
Tgt Ion: 59 Resp: 36400
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.328 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 96 Resp: 60926
Ion Ratio Lower Upper
96 100
61 144.9 145.8 218.6#
98 64.2 52.5 78.7

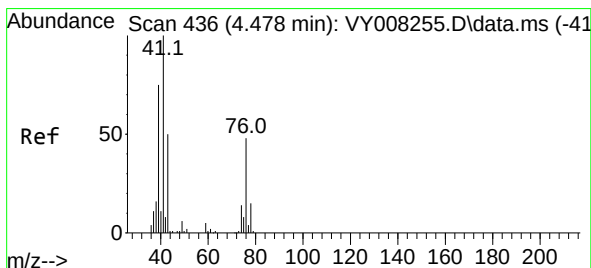
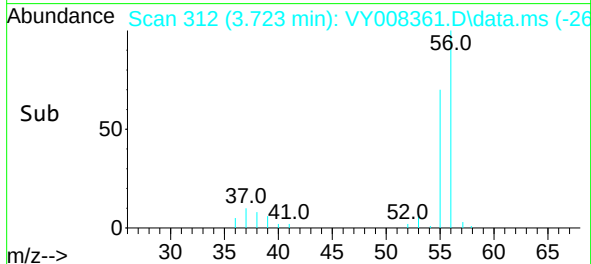
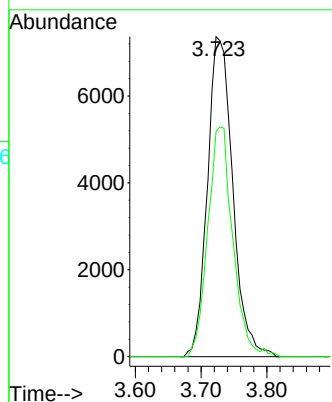
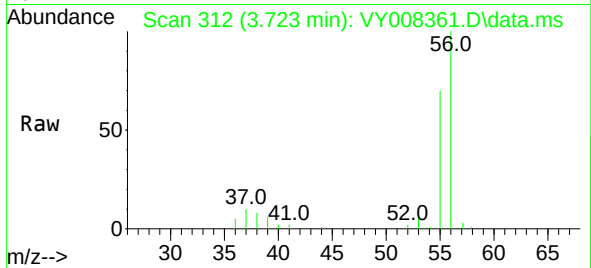




#13
Acrolein
Concen: 195.134 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

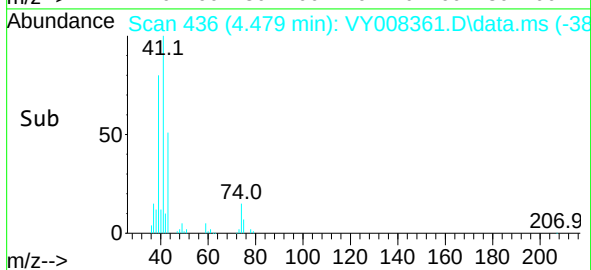
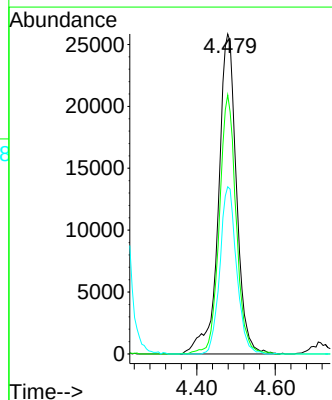
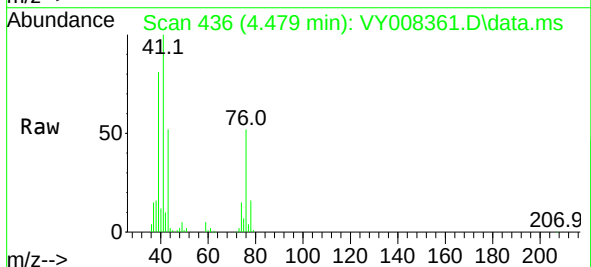
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

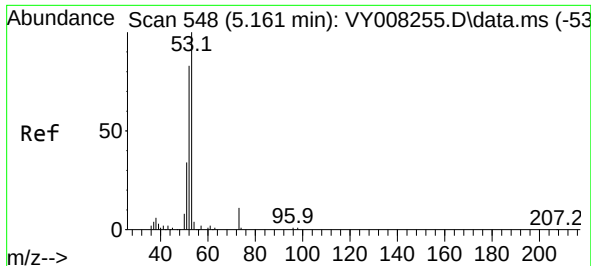
Tgt Ion: 56 Resp: 19721
Ion Ratio Lower Upper
56 100
55 71.1 57.6 86.4



#14
Allyl chloride
Concen: 50.365 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 41 Resp: 82866
Ion Ratio Lower Upper
41 100
39 75.4 58.8 88.2
76 48.3 25.1 37.7#

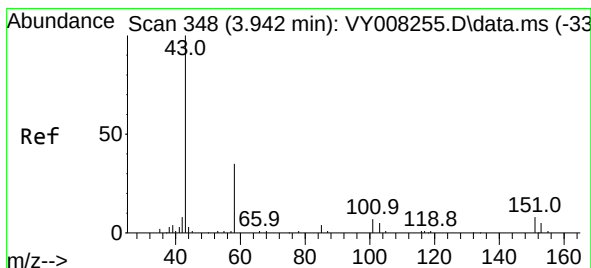
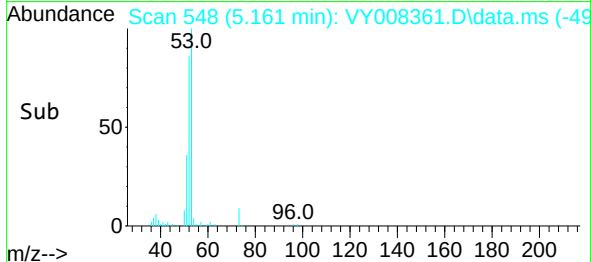
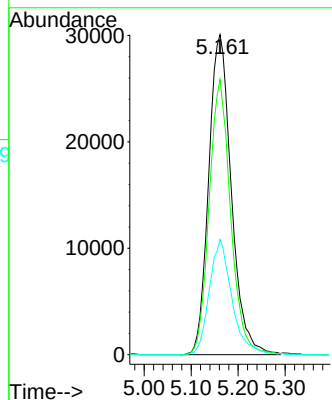
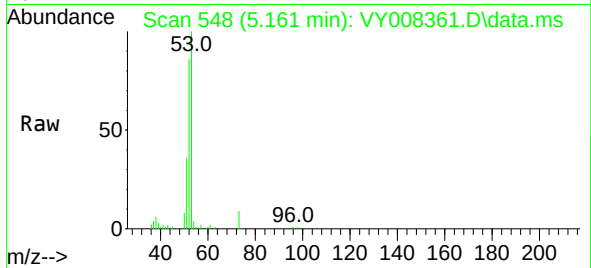




#15
Acrylonitrile
Concen: 262.917 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

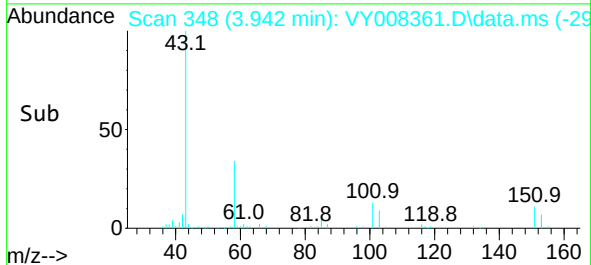
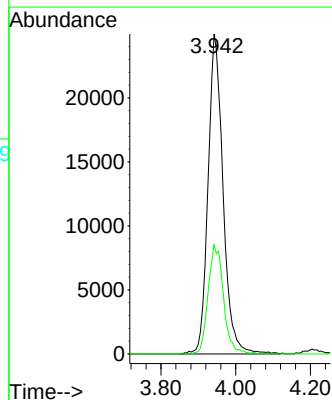
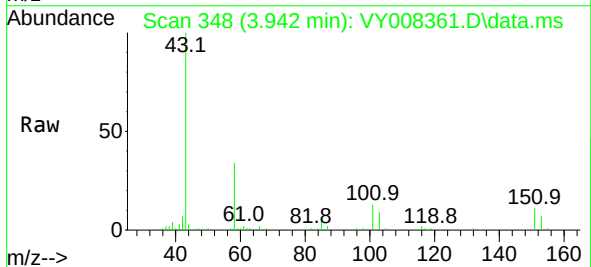
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

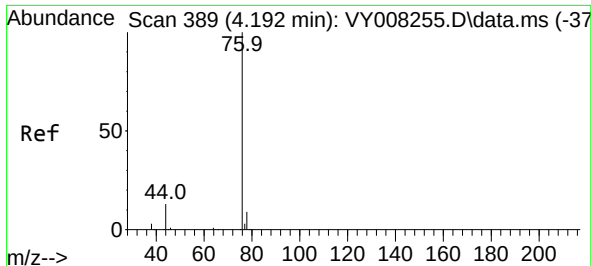
Tgt Ion: 53 Resp: 100691
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 241.007 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 43 Resp: 69596
Ion Ratio Lower Upper
43 100
58 34.1 22.0 33.0#

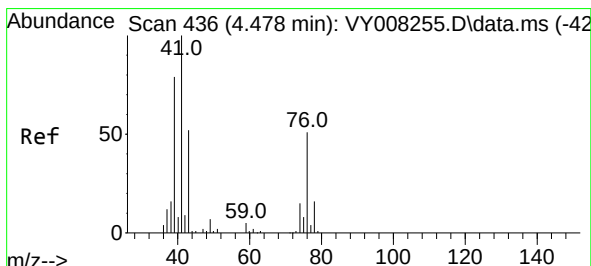
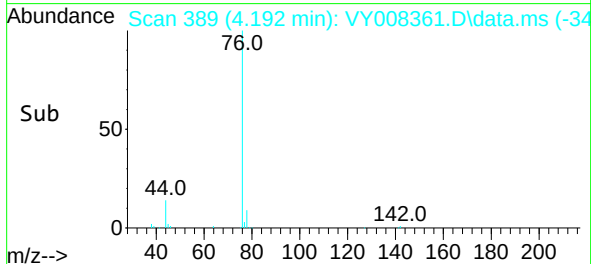
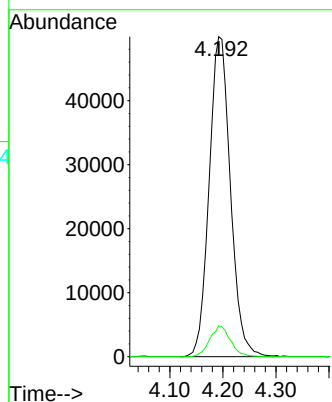
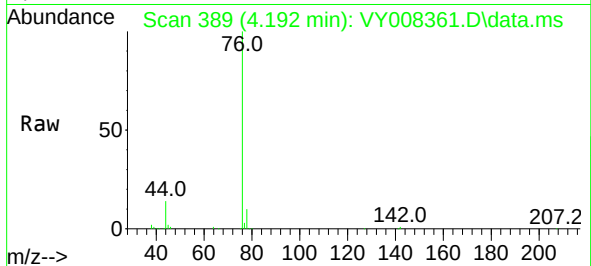




#17
Carbon Disulfide
Concen: 41.877 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

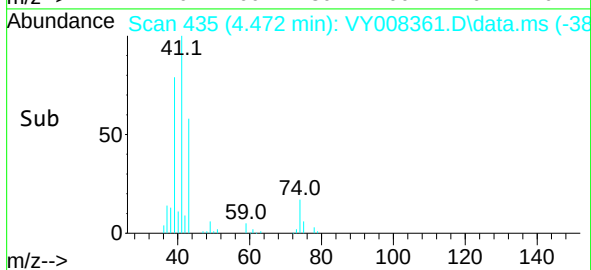
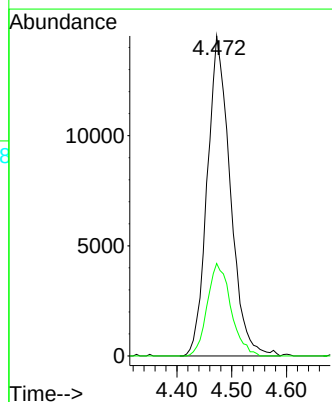
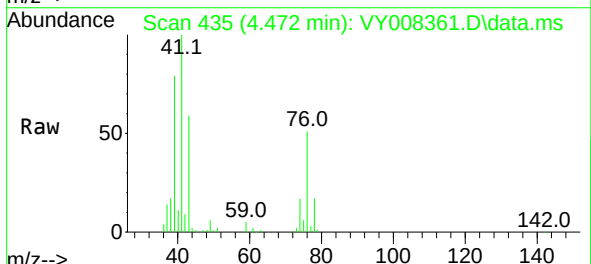
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

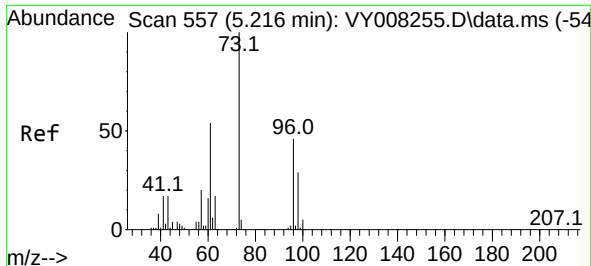
Tgt Ion: 76 Resp: 139274
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 62.159 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 43 Resp: 42342
Ion Ratio Lower Upper
43 100
74 29.6 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 52.993 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

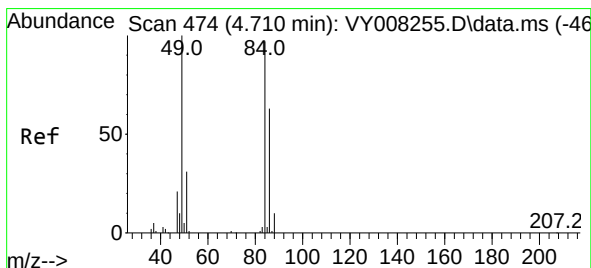
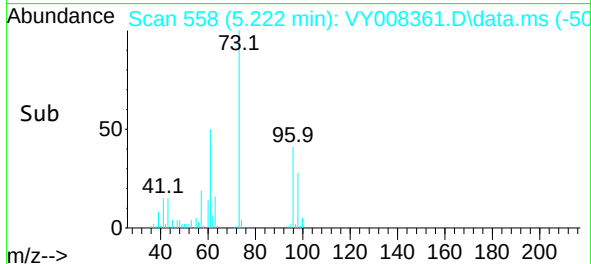
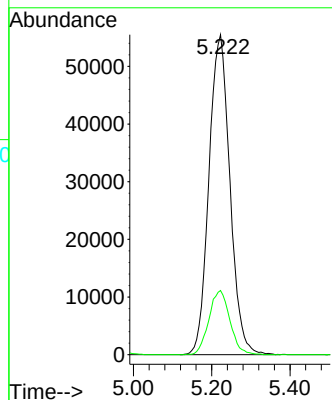
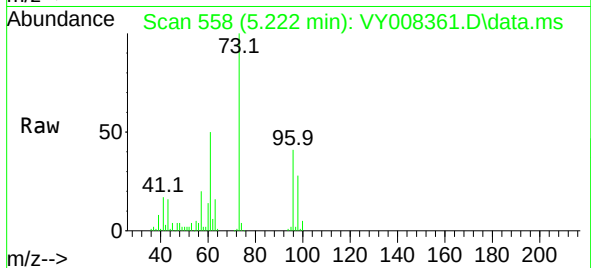
VSTDCCC050EC

Tgt Ion: 73 Resp: 206170

Ion Ratio Lower Upper

73 100

57 20.0 18.6 27.8



#20

Methylene Chloride

Concen: 57.537 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Tgt Ion: 84 Resp: 85995

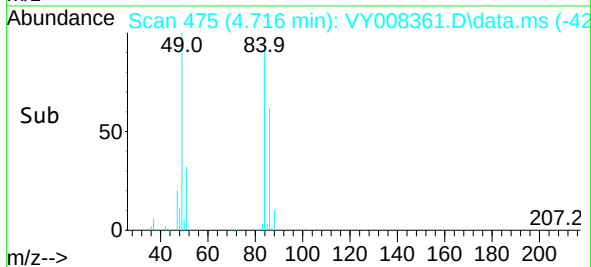
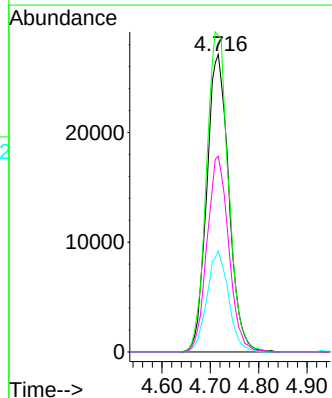
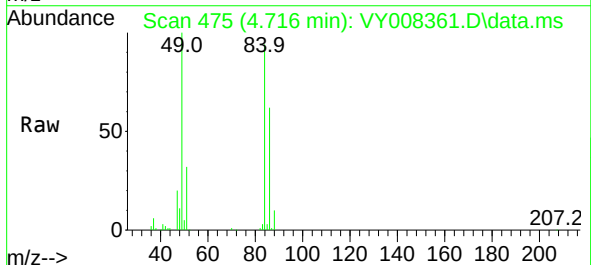
Ion Ratio Lower Upper

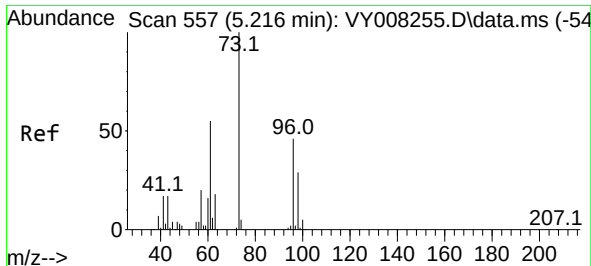
84 100

49 106.3 114.4 171.6#

51 33.9 35.3 52.9#

86 65.8 53.7 80.5

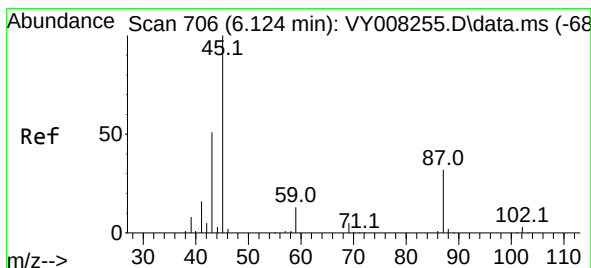
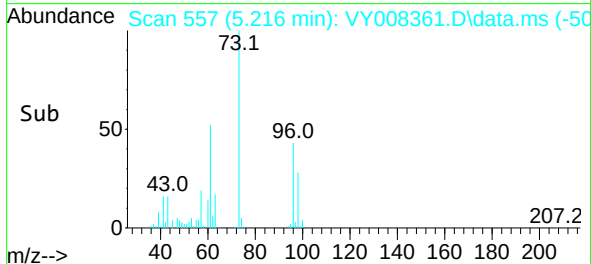
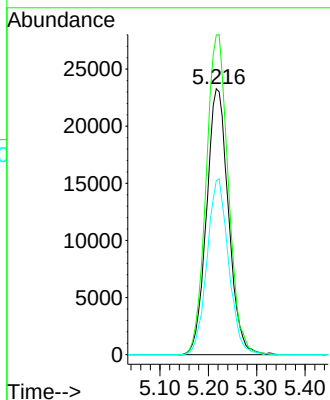
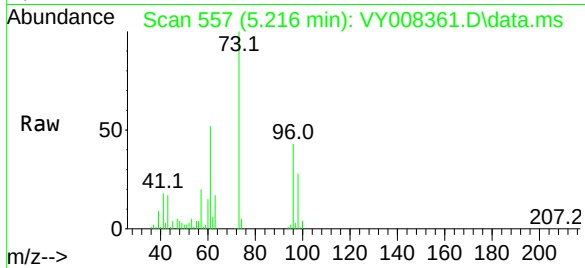




#21
trans-1,2-Dichloroethene
Concen: 48.600 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

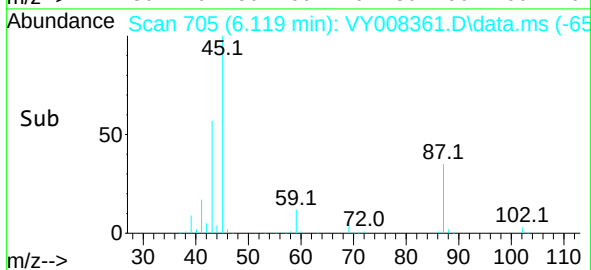
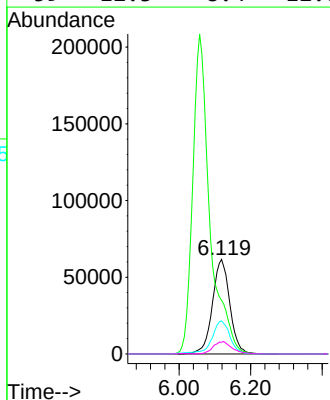
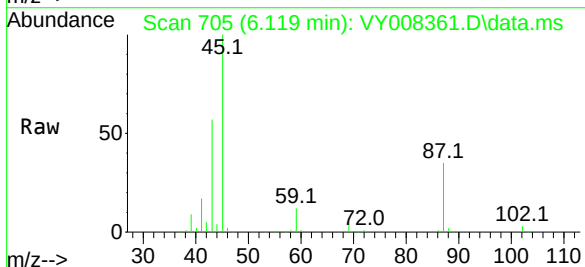
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

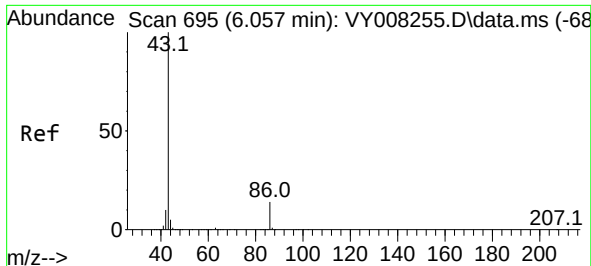
Tgt Ion: 96 Resp: 73408
Ion Ratio Lower Upper
96 100
61 120.2 120.5 180.7#
98 65.5 49.8 74.8



#22
Diisopropyl ether
Concen: 53.637 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.005 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 45 Resp: 208203
Ion Ratio Lower Upper
45 100
43 56.8 49.3 73.9
87 35.0 19.2 28.8#
59 12.3 8.4 12.6

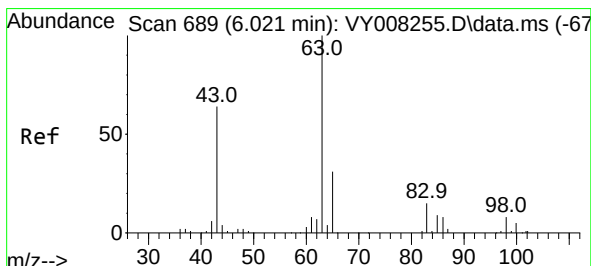
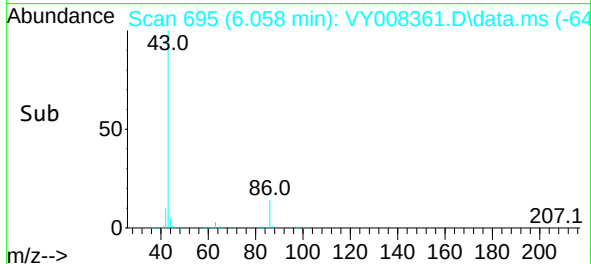
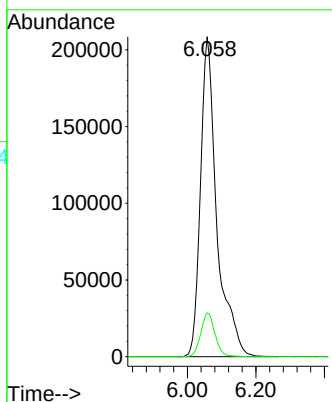
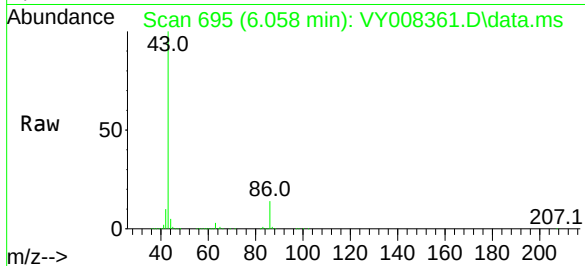




#23
 Vinyl Acetate
 Concen: 275.221 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

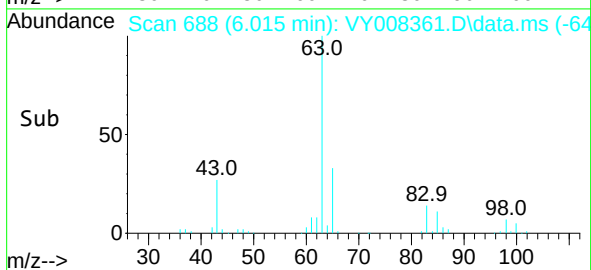
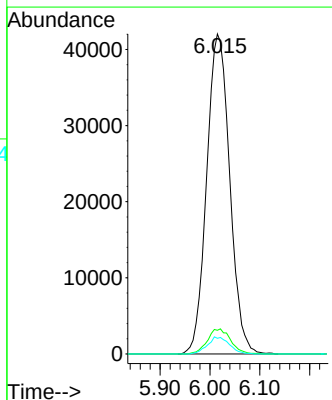
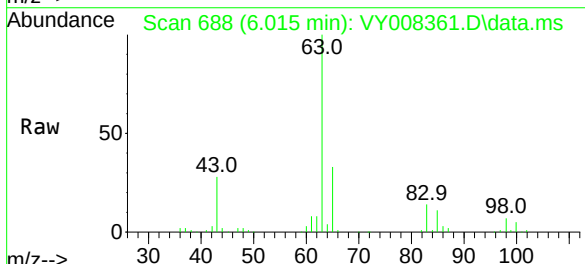
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

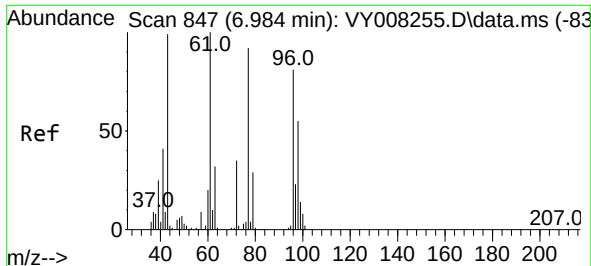
Tgt Ion: 43 Resp: 692229
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.189 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

Tgt Ion: 63 Resp: 135021
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 273.596 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

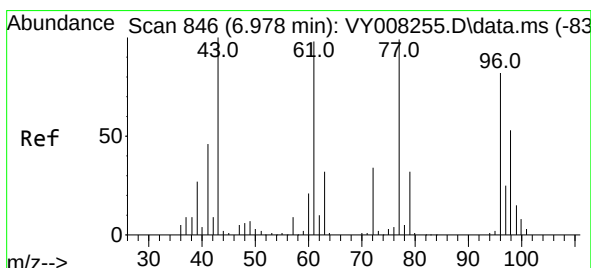
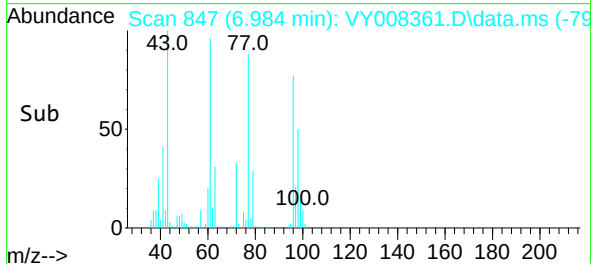
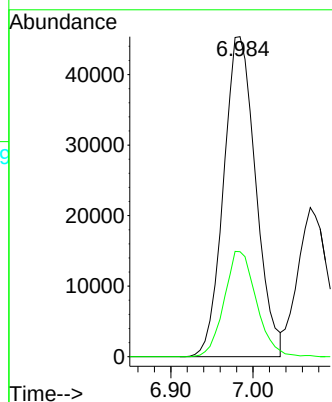
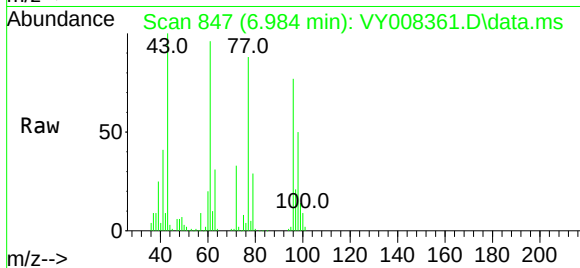
VSTDCCC050EC

Tgt Ion: 43 Resp: 123540

Ion Ratio Lower Upper

43 100

72 32.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 53.550 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008361.D

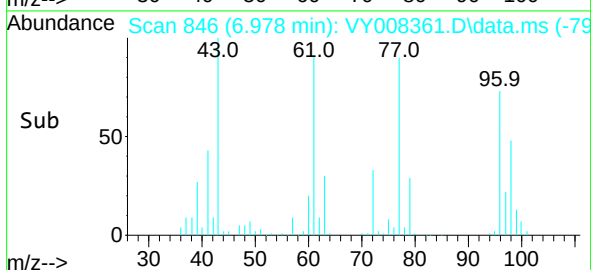
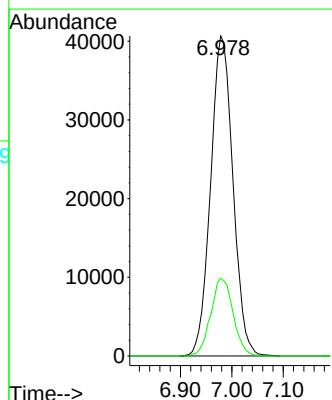
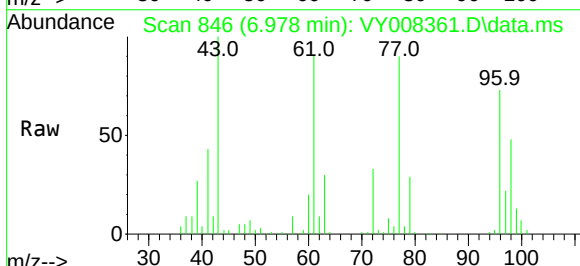
Acq: 15 Apr 2022 19:09

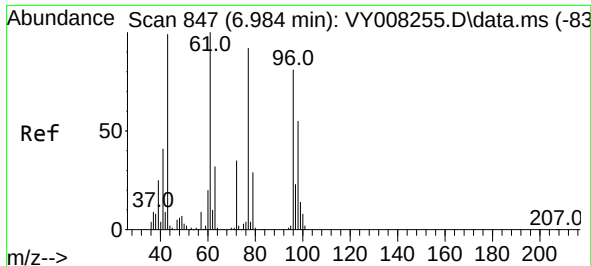
Tgt Ion: 77 Resp: 122876

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4

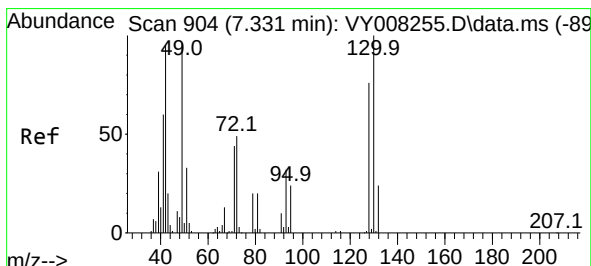
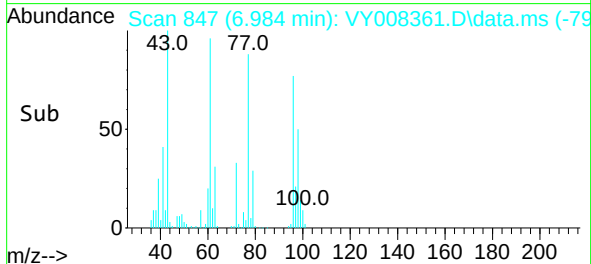
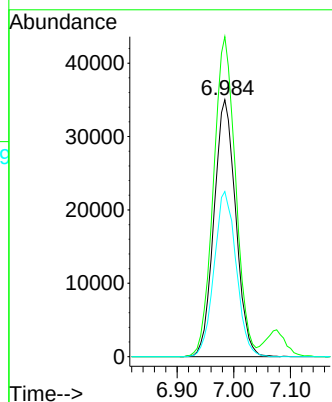
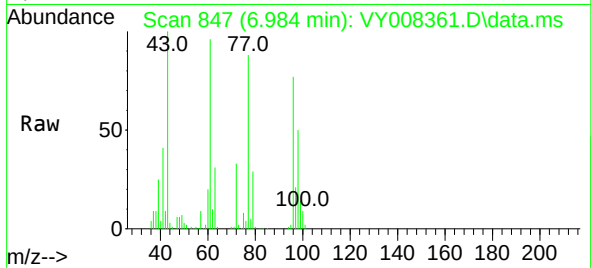




#27
 cis-1,2-Dichloroethene
 Concen: 52.106 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

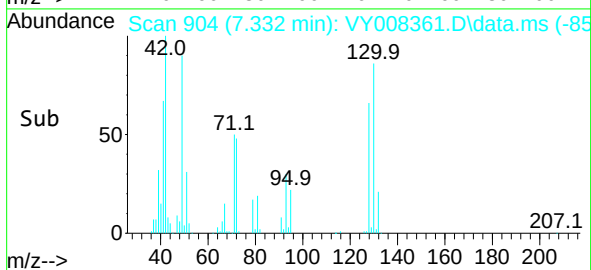
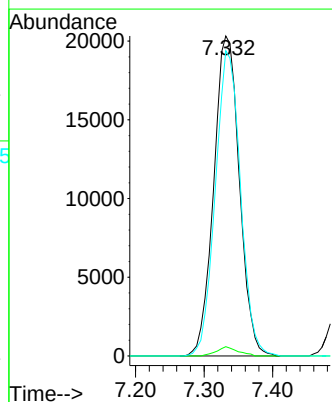
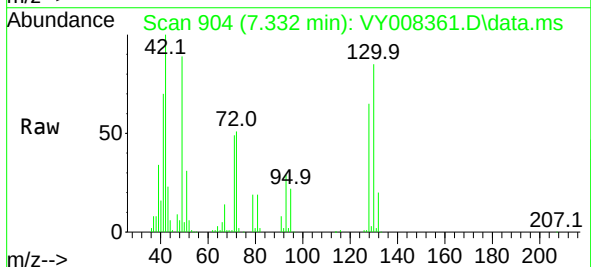
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

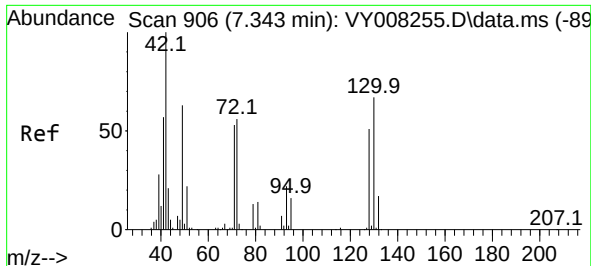
Tgt Ion: 96 Resp: 93381
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 319.8
 98 65.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 55.227 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

Tgt Ion: 49 Resp: 52745
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 93.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 276.647 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

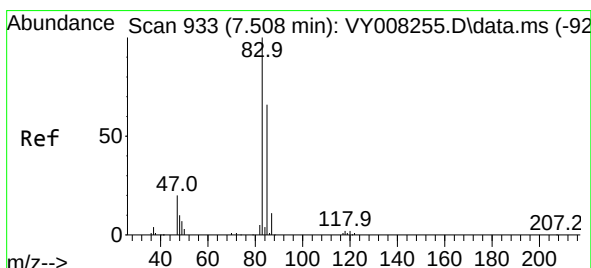
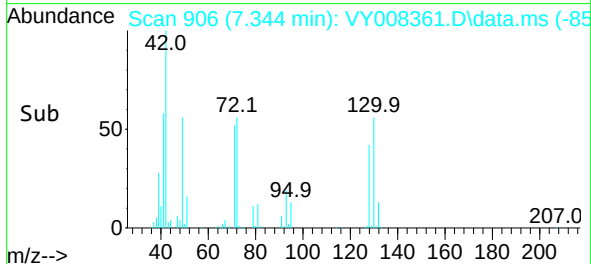
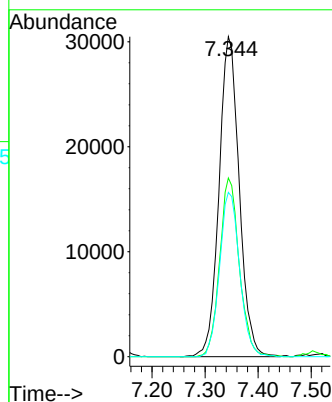
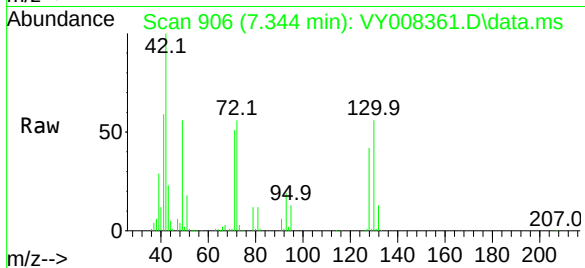
Tgt Ion: 42 Resp: 80651

Ion Ratio Lower Upper

42 100

72 54.2 30.3 45.5#

71 51.0 29.0 43.4#



#30

Chloroform

Concen: 53.807 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008361.D

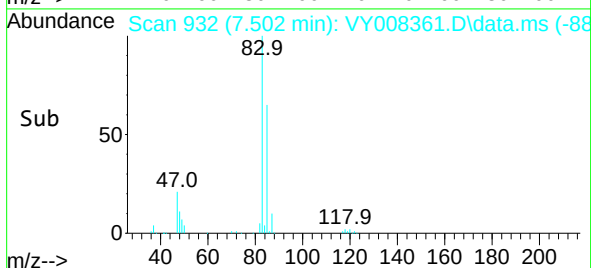
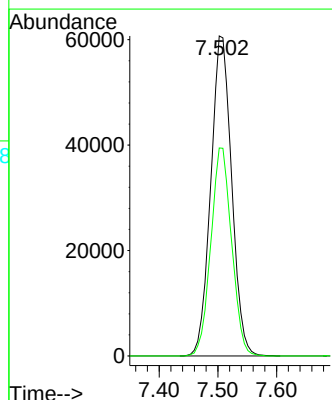
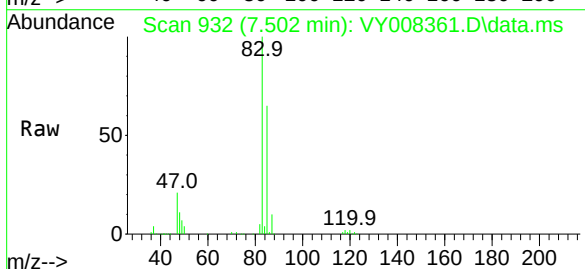
Acq: 15 Apr 2022 19:09

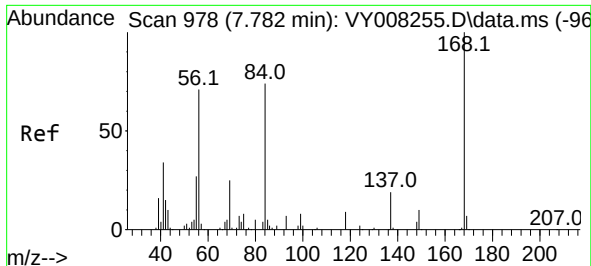
Tgt Ion: 83 Resp: 149704

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

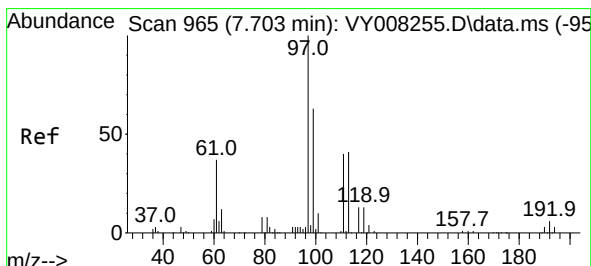
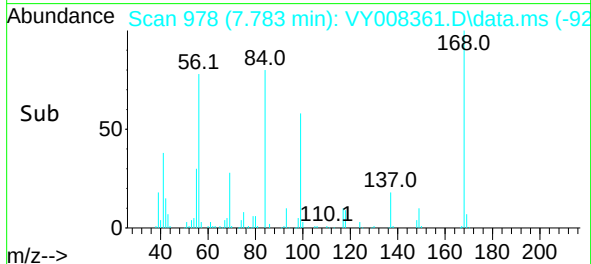
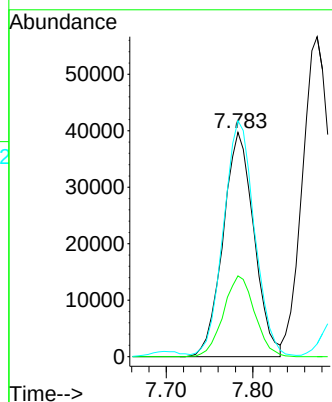
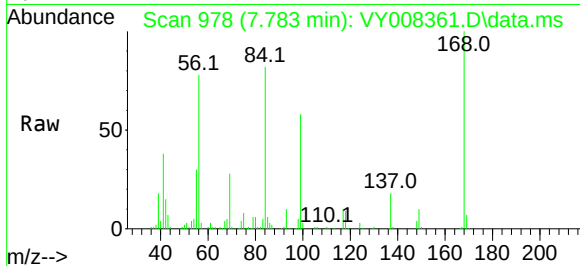




#31
Cyclohexane
Concen: 45.433 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

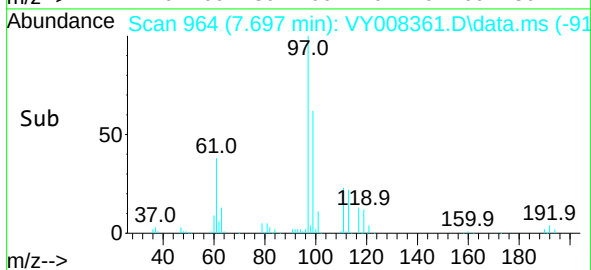
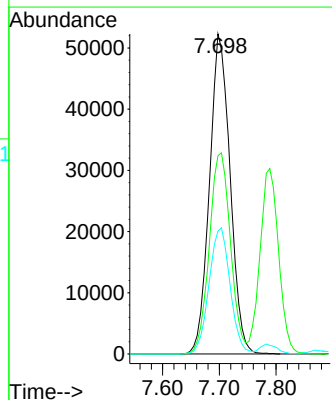
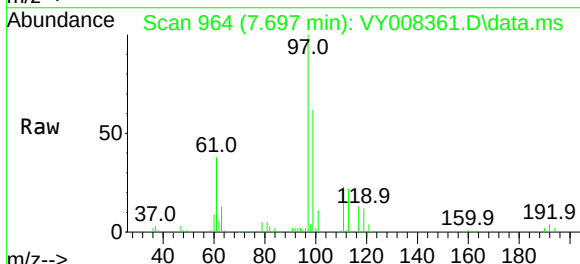
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

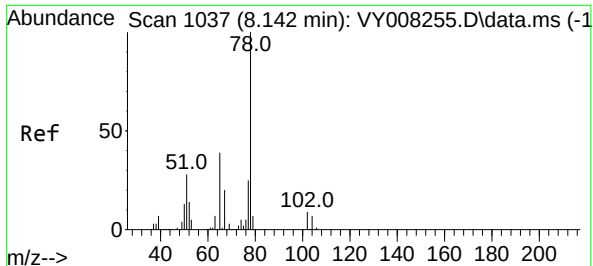
Tgt Ion: 56 Resp: 98637
Ion Ratio Lower Upper
56 100
69 36.0 26.7 40.1
84 103.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 54.187 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 97 Resp: 131882
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 40.3 37.6 56.4

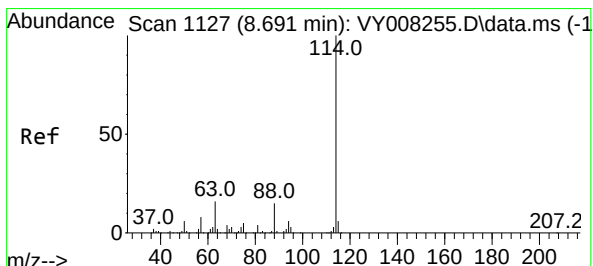
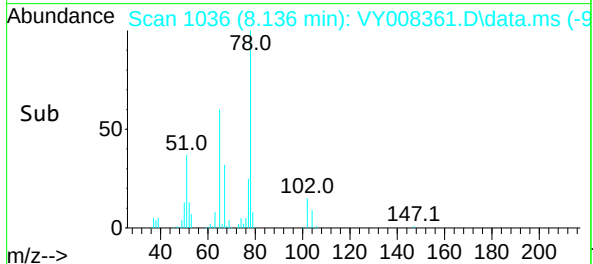
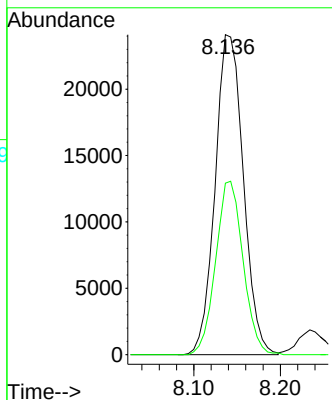
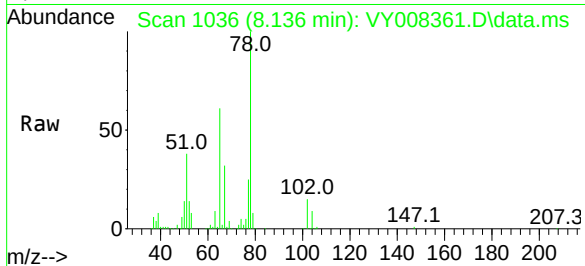




#33
 1,2-Dichloroethane-d4
 Concen: 45.459 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

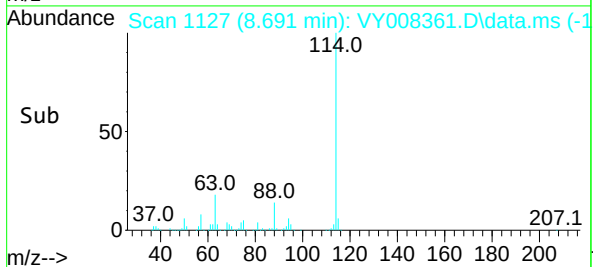
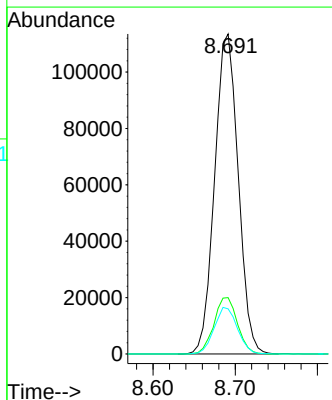
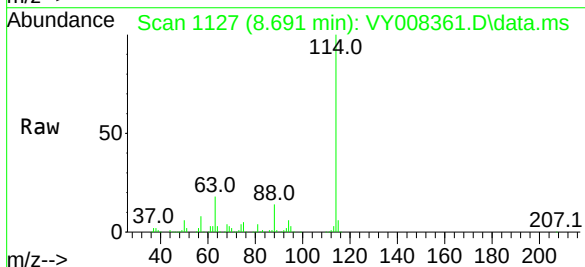
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

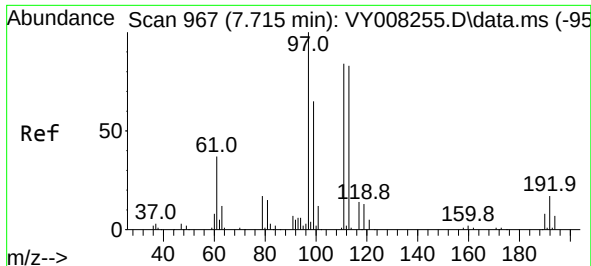
Tgt Ion: 65 Resp: 54578
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

Tgt Ion: 114 Resp: 225992
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 43.2
 88 14.1 0.0 31.8

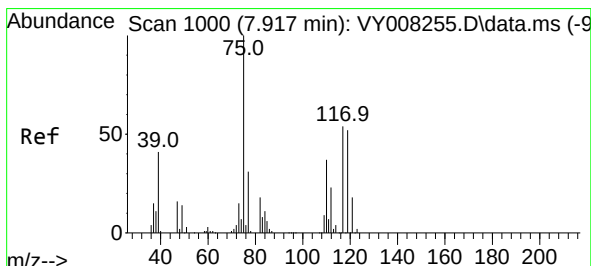
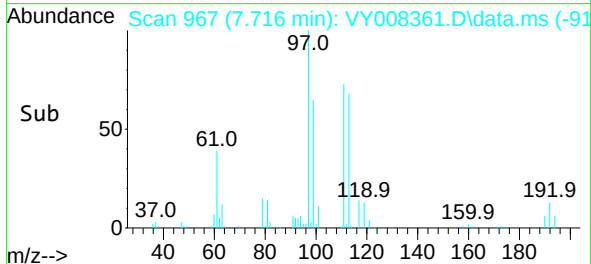
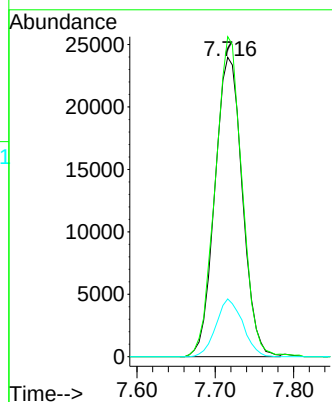
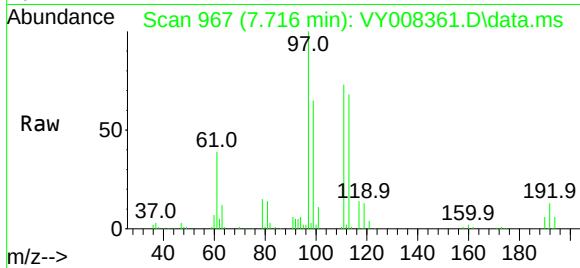




#35
Dibromofluoromethane
Concen: 44.890 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

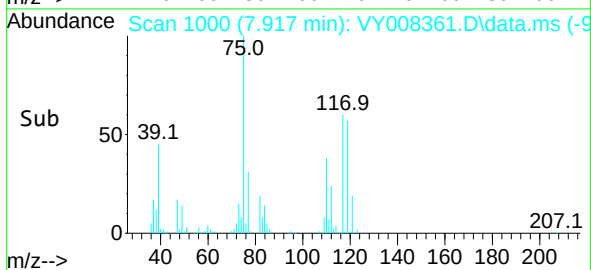
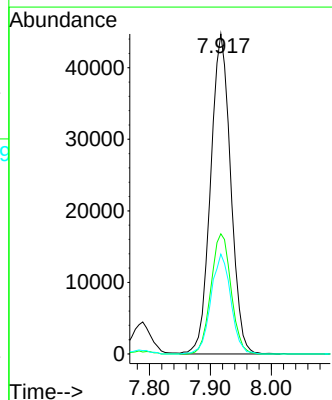
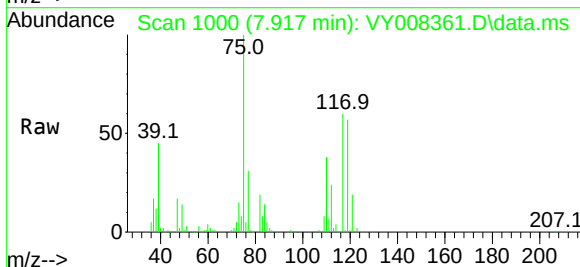
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

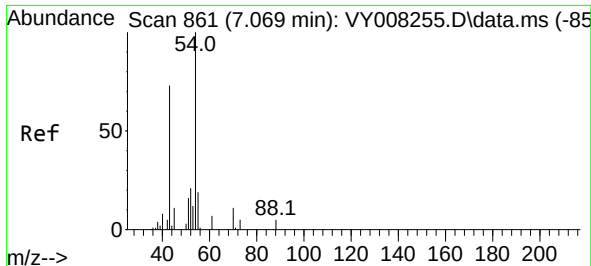
Tgt Ion:113 Resp: 58595
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.099 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 75 Resp: 102340
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 51.821 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

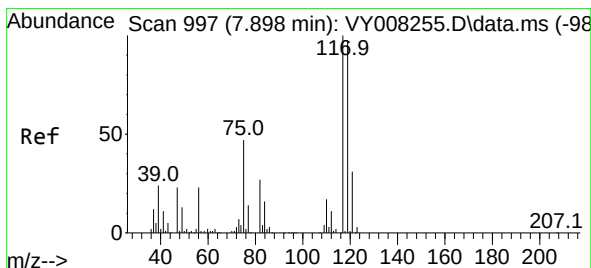
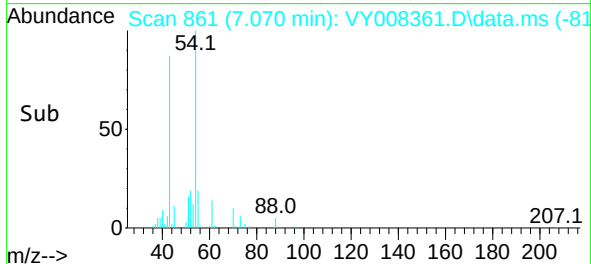
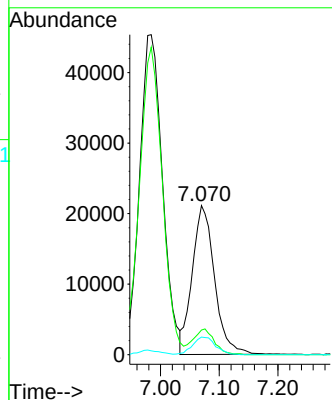
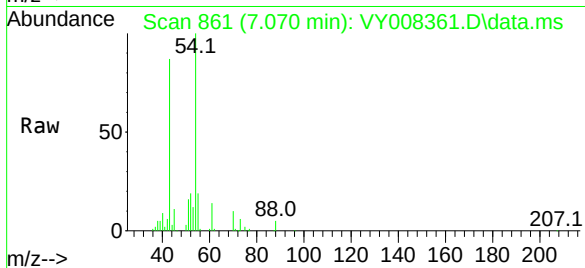
Tgt Ion: 43 Resp: 55695

Ion Ratio Lower Upper

43 100

61 16.6 9.7 14.5#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.279 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

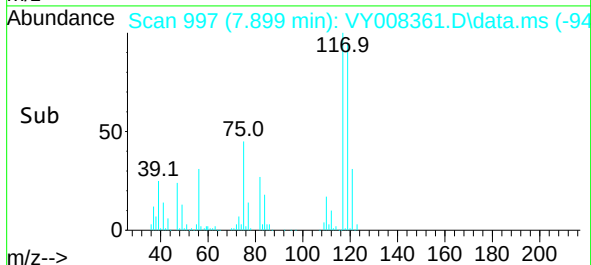
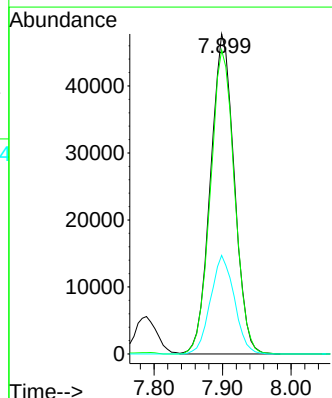
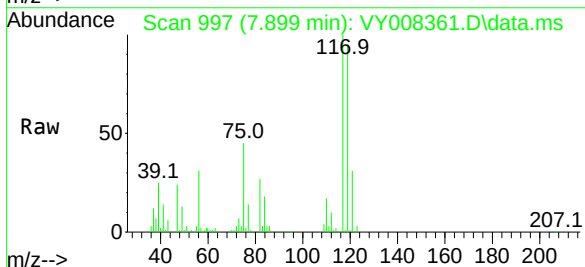
Tgt Ion: 117 Resp: 114988

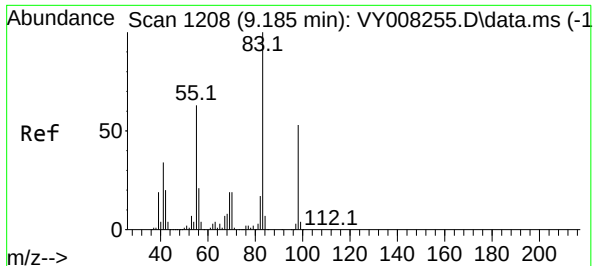
Ion Ratio Lower Upper

117 100

119 95.0 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 45.489 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

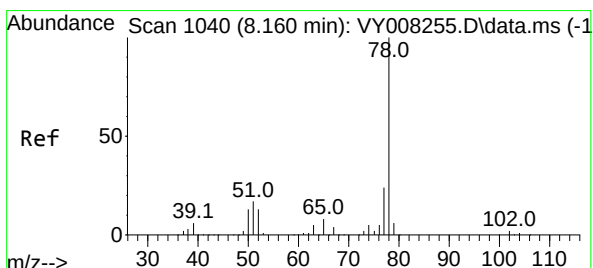
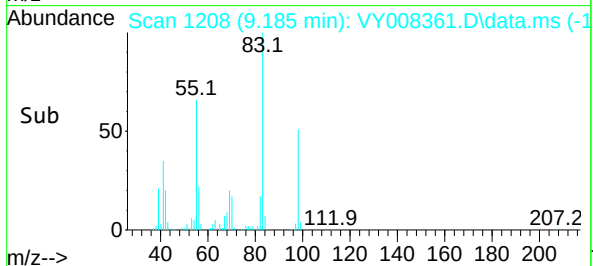
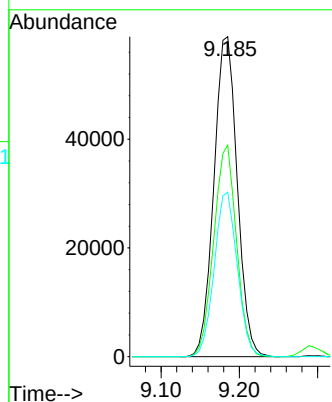
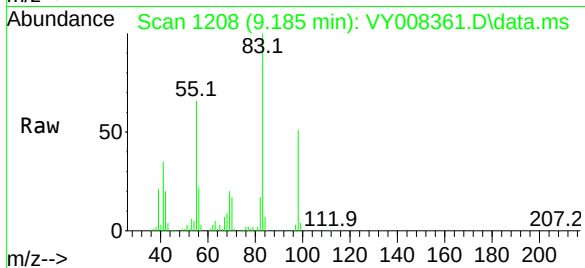
Tgt Ion: 83 Resp: 121994

Ion Ratio Lower Upper

83 100

55 66.1 66.5 99.7#

98 51.4 37.9 56.9



#40

Benzene

Concen: 50.543 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008361.D

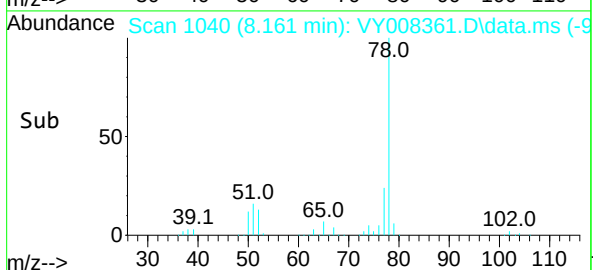
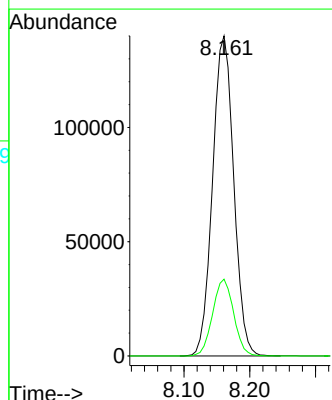
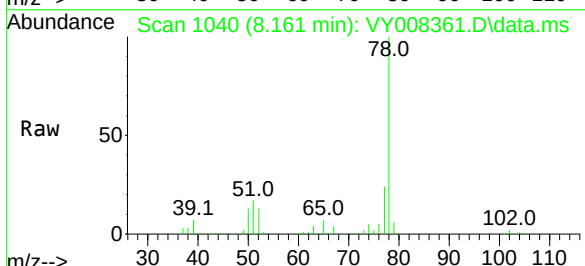
Acq: 15 Apr 2022 19:09

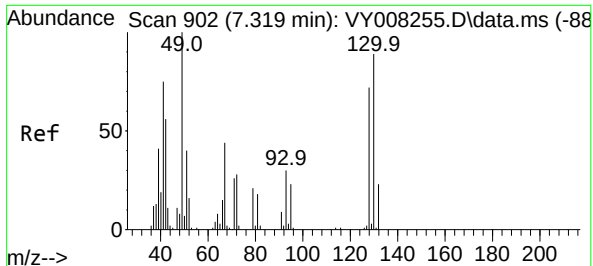
Tgt Ion: 78 Resp: 313716

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

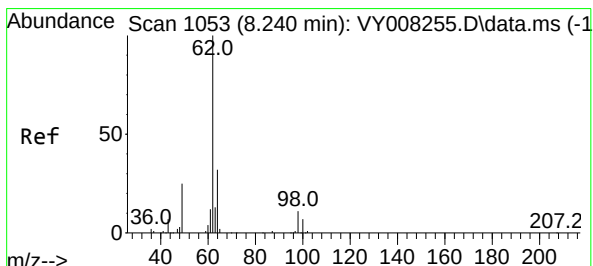
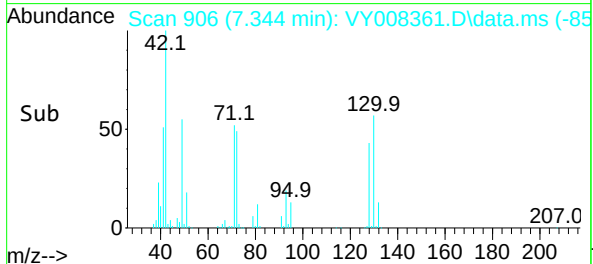
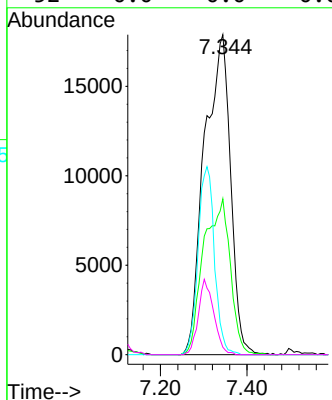
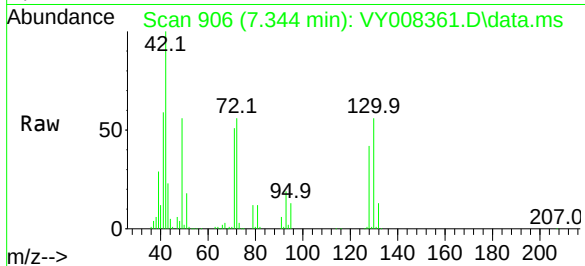




#41
Methacrylonitrile
Concen: 123.930 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

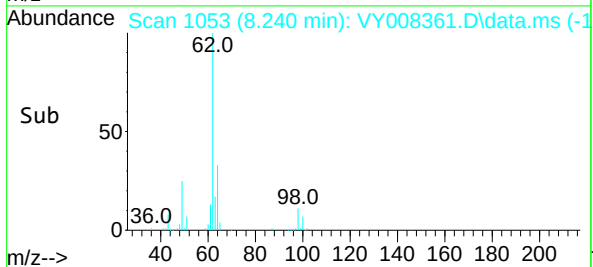
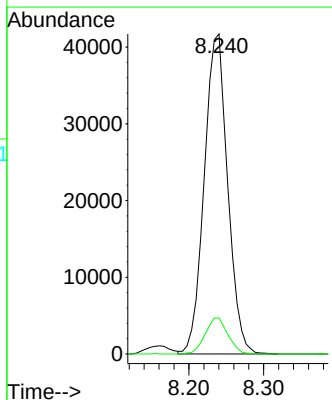
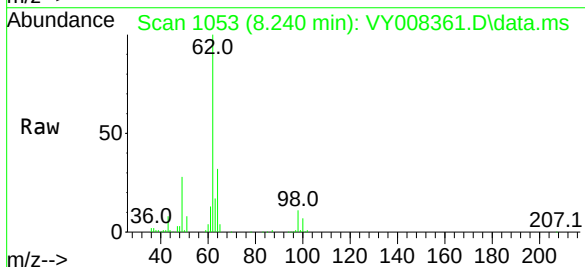
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

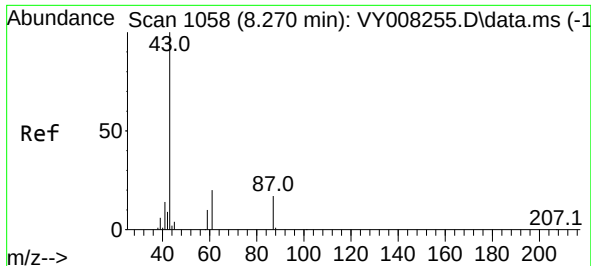
Tgt Ion: 41 Resp: 74514
Ion Ratio Lower Upper
41 100
39 50.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.518 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 62 Resp: 90970
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8

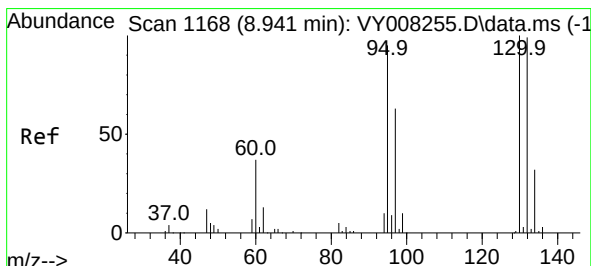
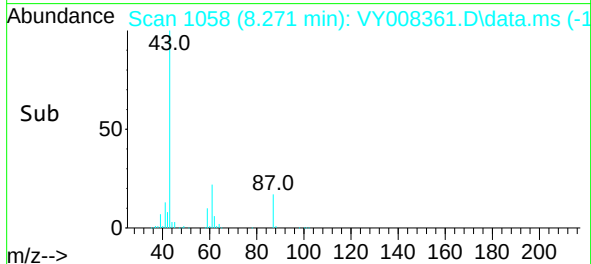
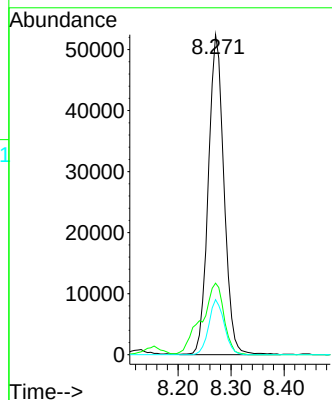
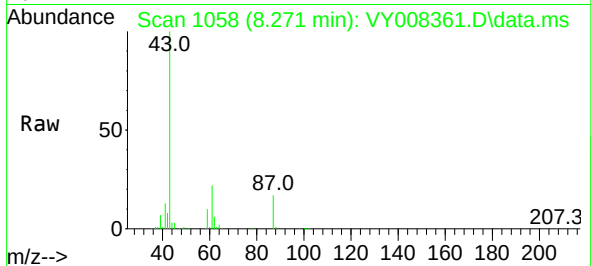




#43
Isopropyl Acetate
Concen: 53.870 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

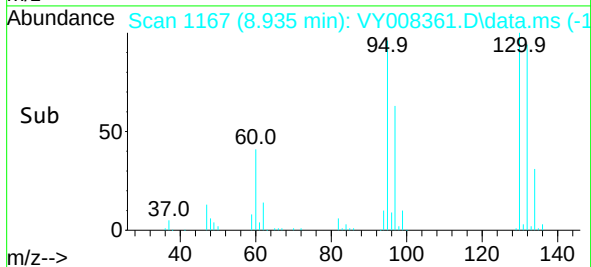
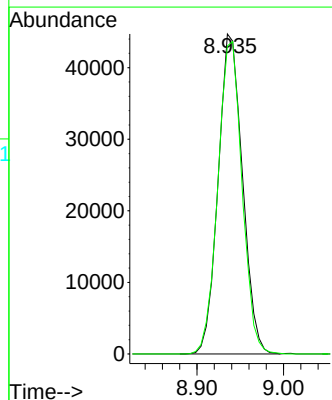
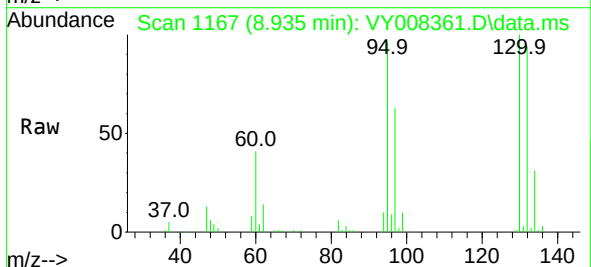
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

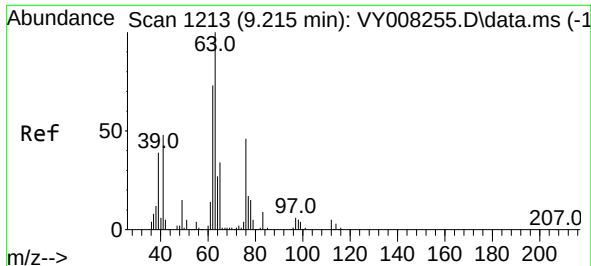
Tgt Ion: 43 Resp: 107452
Ion Ratio Lower Upper
43 100
61 32.2 20.2 30.2#
87 17.0 8.9 13.3#



#44
Trichloroethene
Concen: 49.302 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 130 Resp: 87212
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.373 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

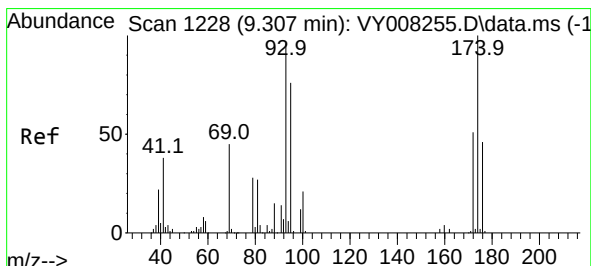
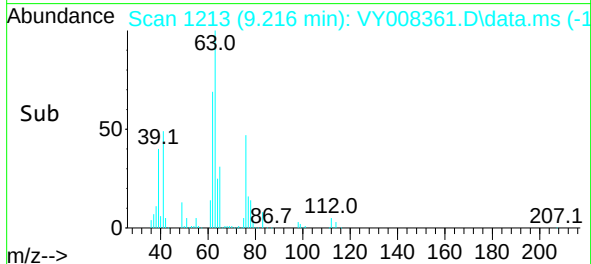
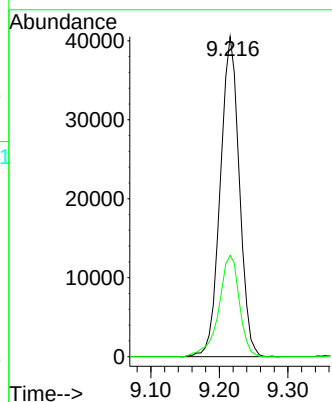
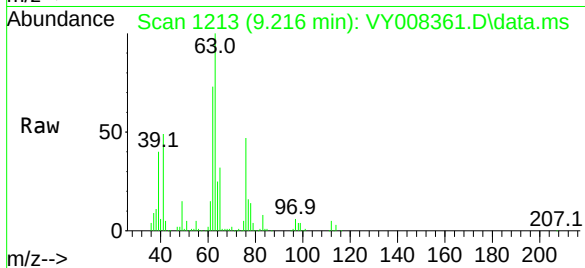
VSTDCCC050EC

Tgt Ion: 63 Resp: 77895

Ion Ratio Lower Upper

63 100

65 31.7 23.0 34.6



#46

Dibromomethane

Concen: 51.629 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

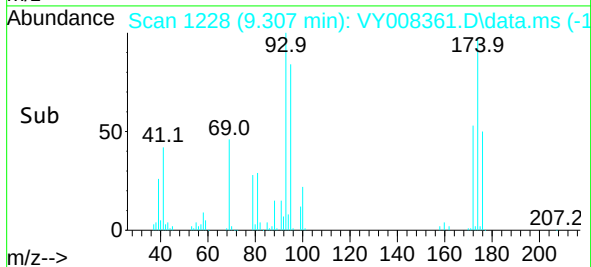
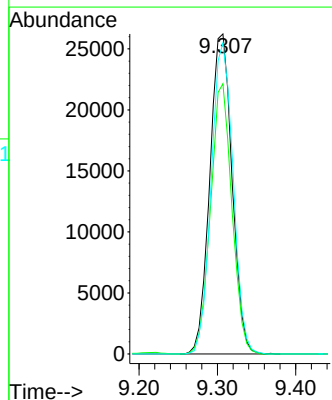
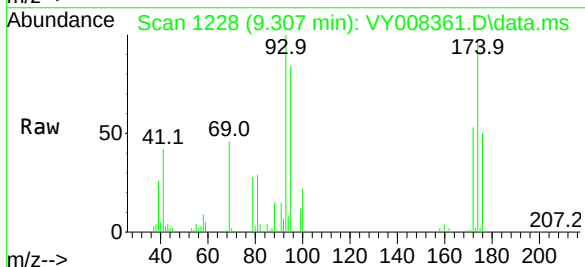
Tgt Ion: 93 Resp: 51813

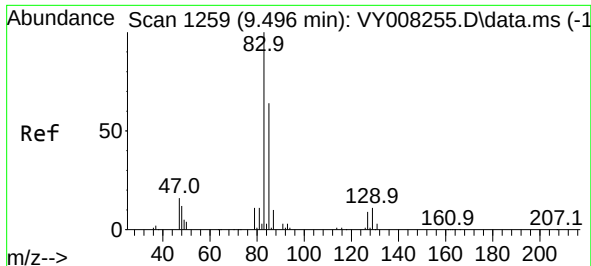
Ion Ratio Lower Upper

93 100

95 81.0 64.3 96.5

174 95.3 83.4 125.0

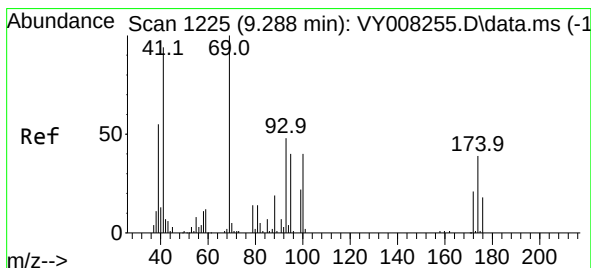
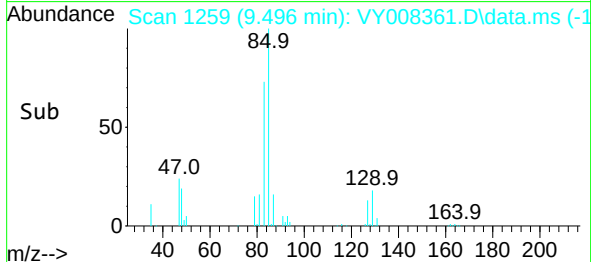
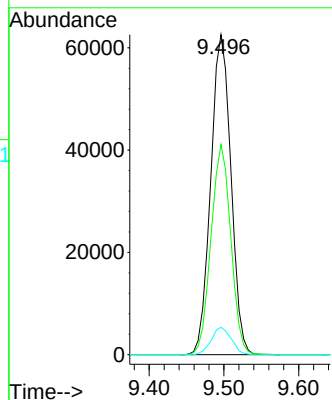
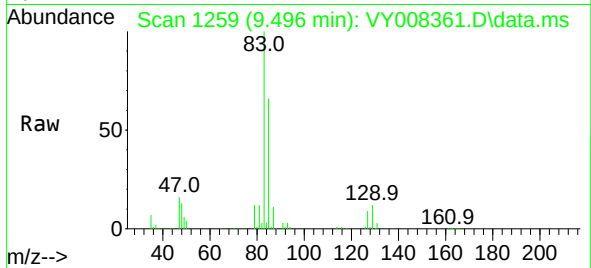




#47
Bromodichloromethane
Concen: 52.016 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

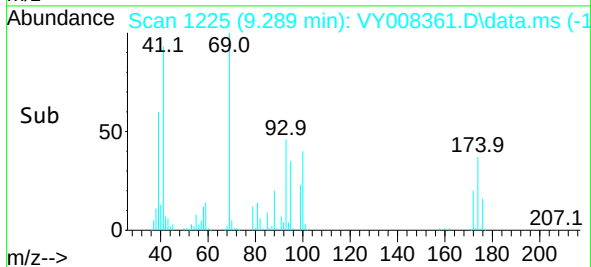
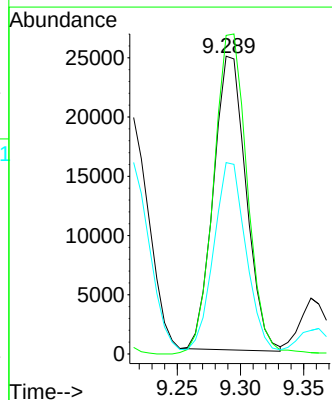
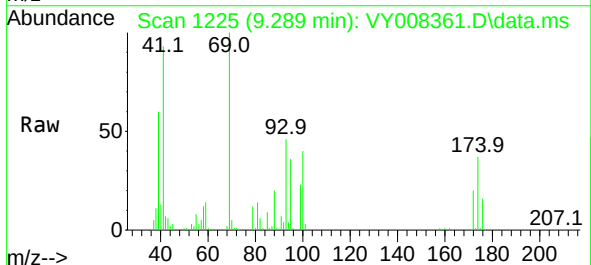
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

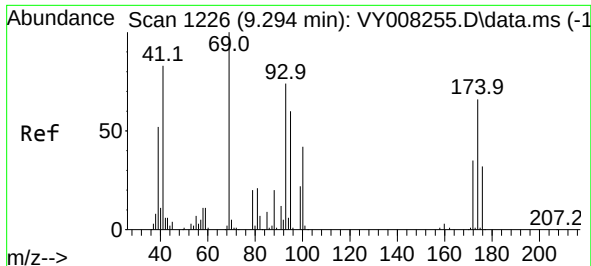
Tgt Ion: 83 Resp: 117397
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 52.624 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 41 Resp: 44622
Ion Ratio Lower Upper
41 100
69 111.7 58.2 87.2#
39 65.5 47.4 71.0





#49

1,4-Dioxane

Concen: 1037.769 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

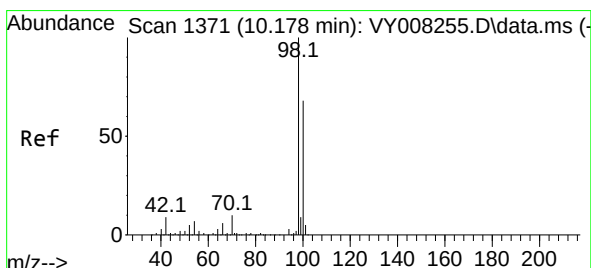
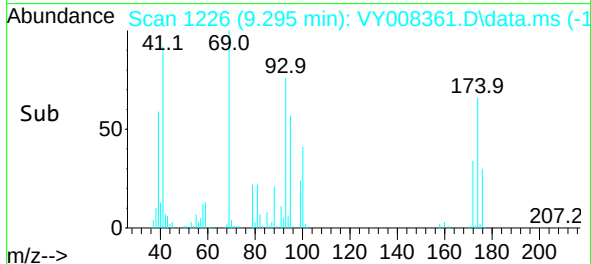
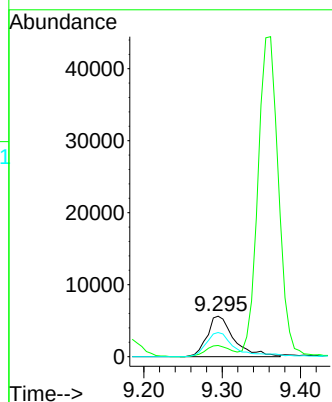
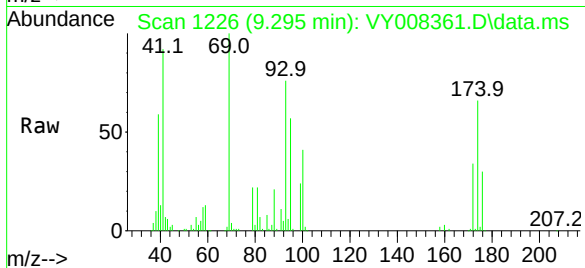
Tgt Ion: 88 Resp: 13440

Ion Ratio Lower Upper

88 100

43 25.6 32.8 49.2#

58 64.9 59.8 89.6



#50

Toluene-d8

Concen: 45.384 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008361.D

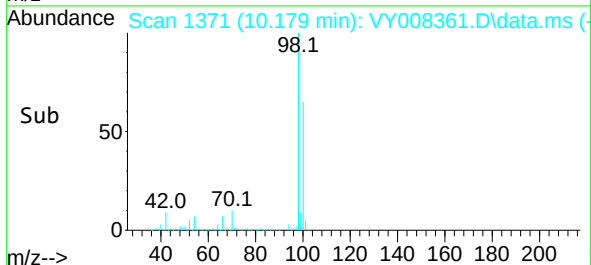
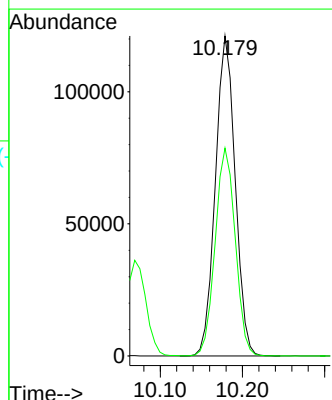
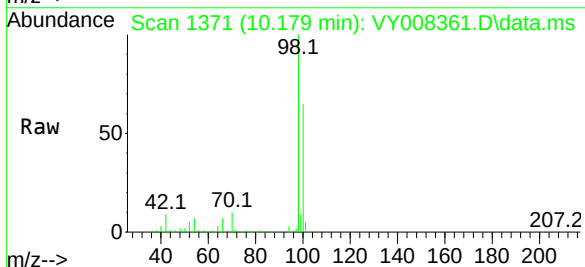
Acq: 15 Apr 2022 19:09

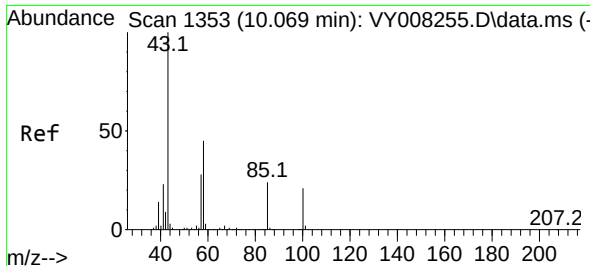
Tgt Ion: 98 Resp: 202704

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

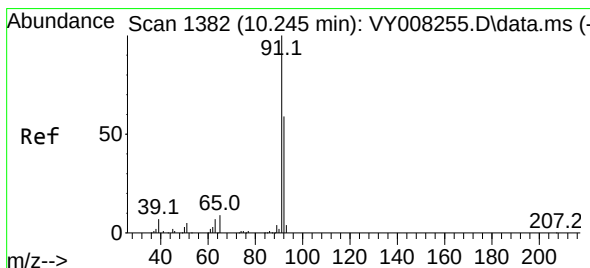
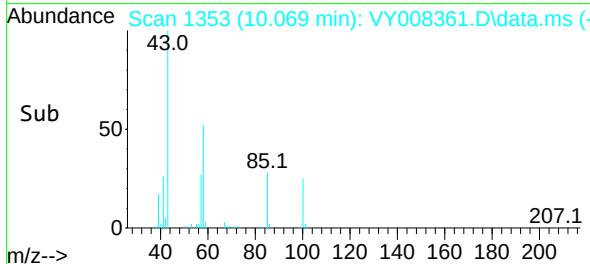
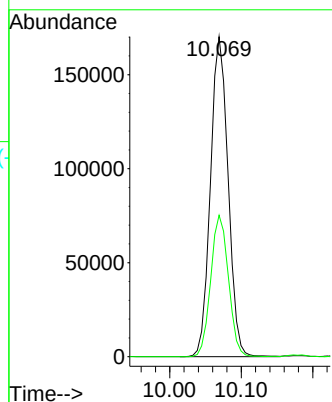
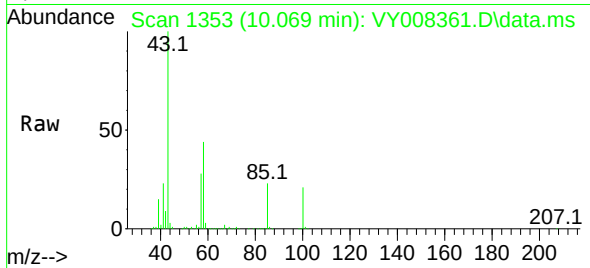




#51
4-Methyl-2-Pentanone
Concen: 283.164 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

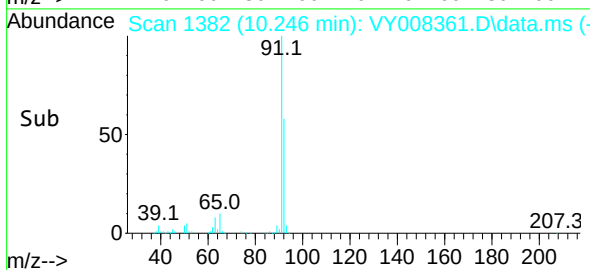
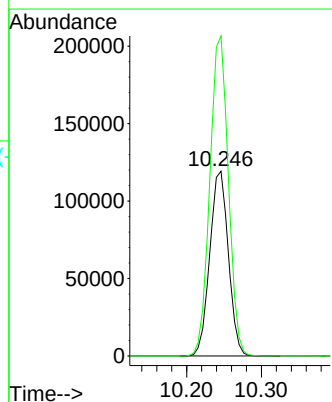
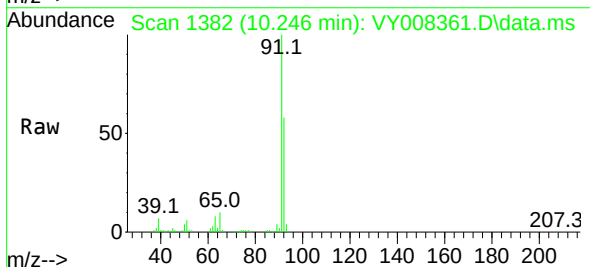
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

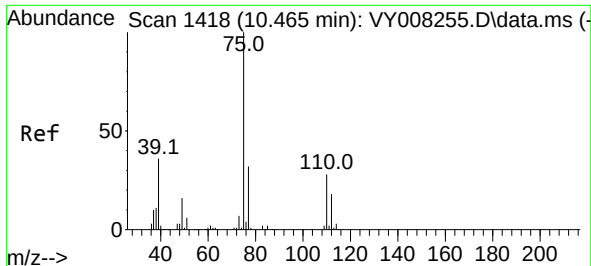
Tgt Ion: 43 Resp: 291649
Ion Ratio Lower Upper
43 100
58 44.4 28.1 42.1#



#52
Toluene
Concen: 50.394 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 92 Resp: 206085
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

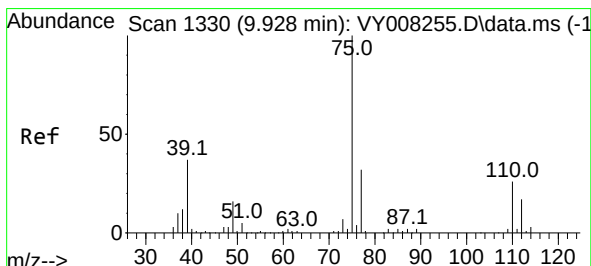
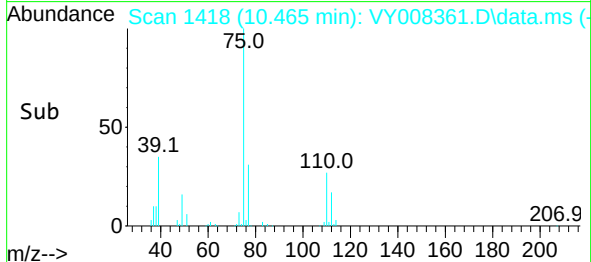
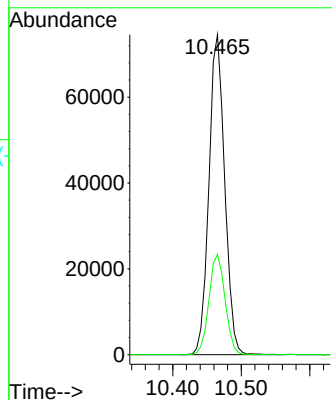
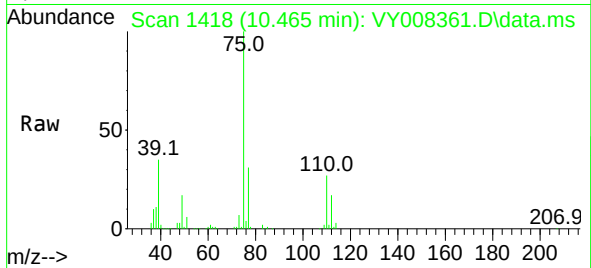




#53
t-1,3-Dichloropropene
Concen: 51.882 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

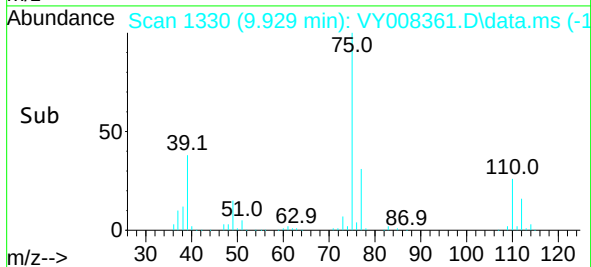
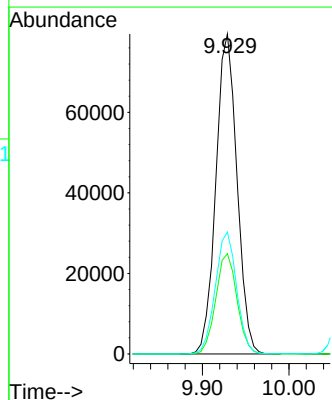
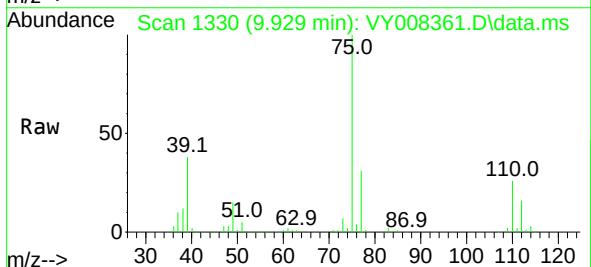
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

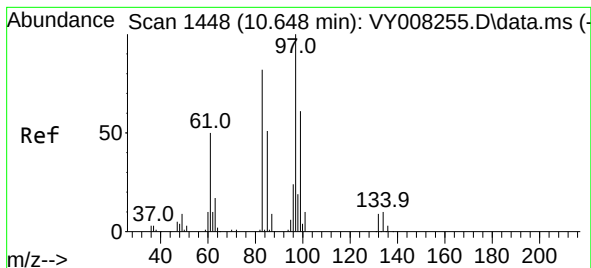
Tgt Ion: 75 Resp: 119335
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.791 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 75 Resp: 134394
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 38.1 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 50.405 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 72157

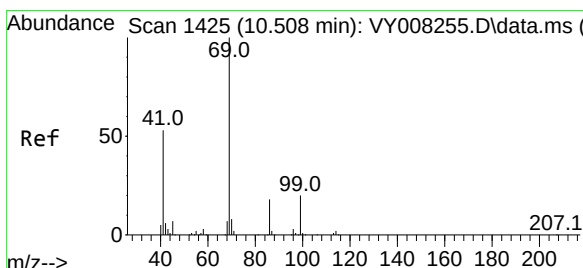
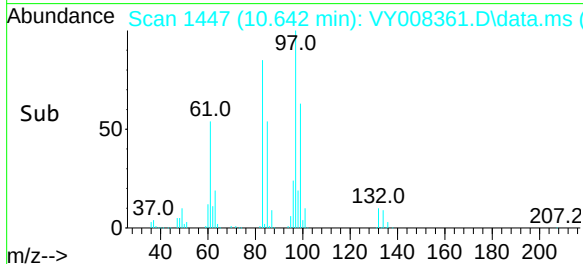
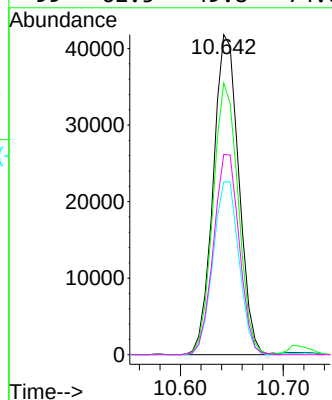
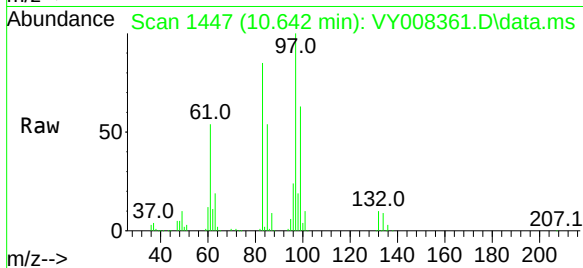
Ion Ratio Lower Upper

97 100

83 84.9 69.8 104.8

85 53.9 44.3 66.5

99 62.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 53.914 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

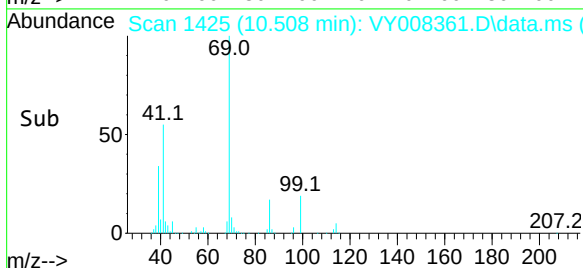
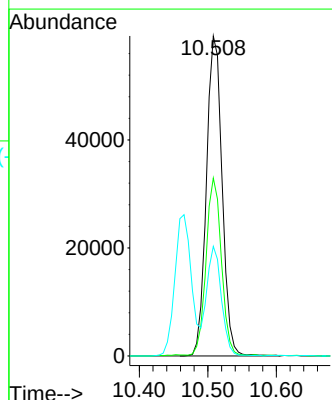
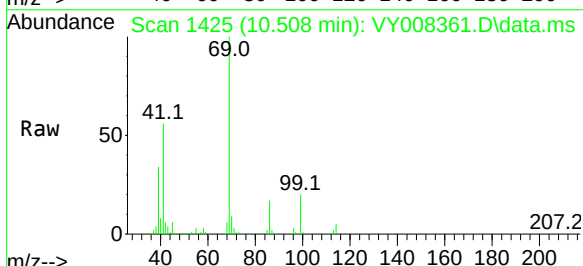
Tgt Ion: 69 Resp: 94625

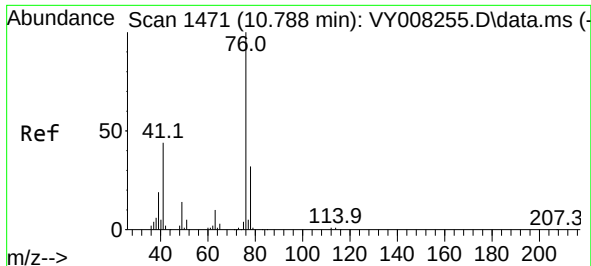
Ion Ratio Lower Upper

69 100

41 53.5 63.4 95.0#

39 31.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.214 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

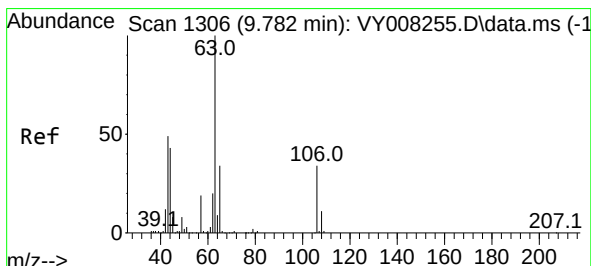
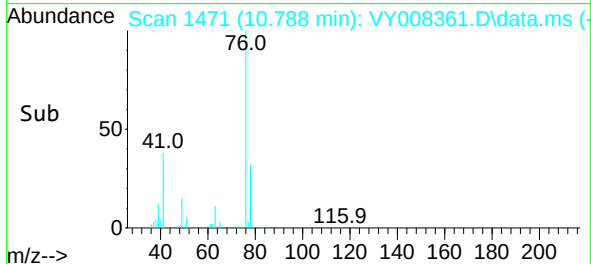
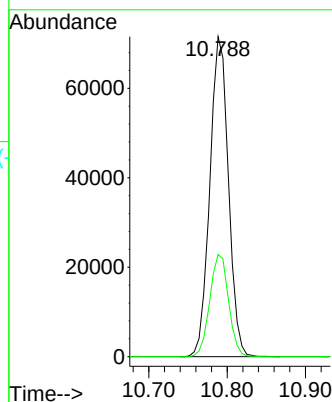
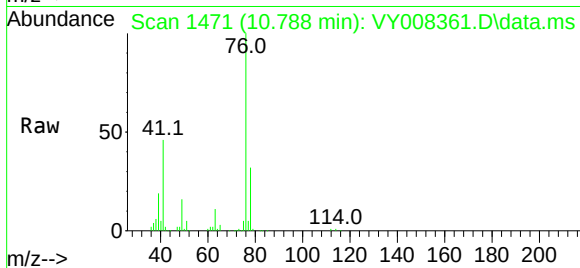
VSTDCCC050EC

Tgt Ion: 76 Resp: 117733

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 214.409 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008361.D

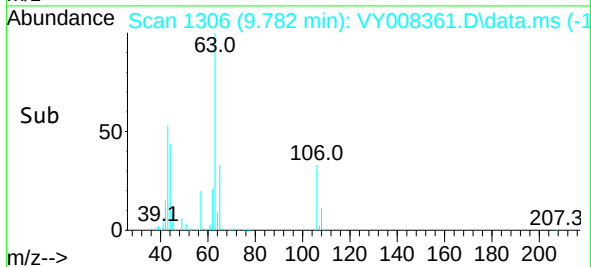
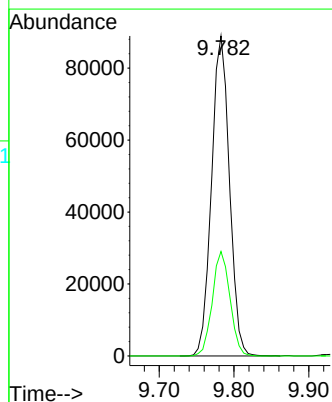
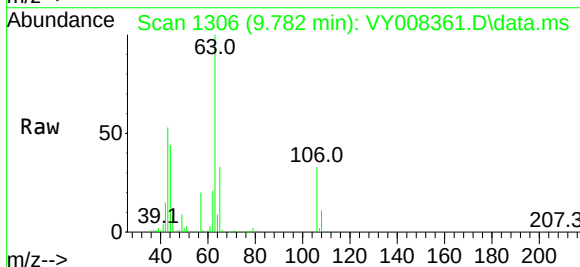
Acq: 15 Apr 2022 19:09

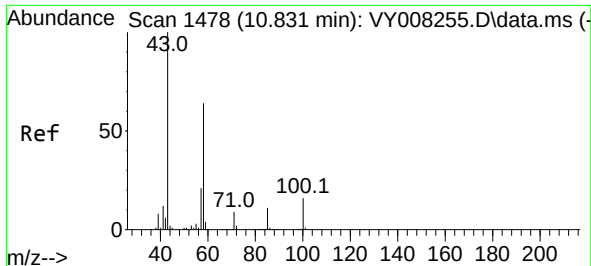
Tgt Ion: 63 Resp: 148230

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3

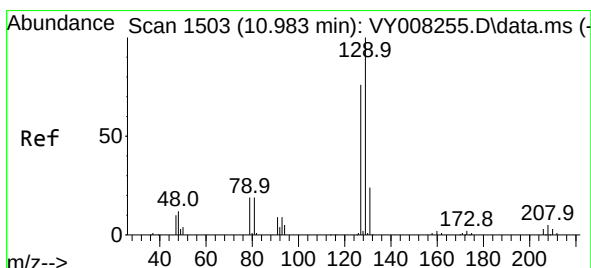
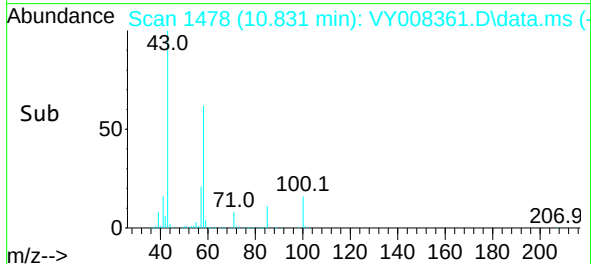
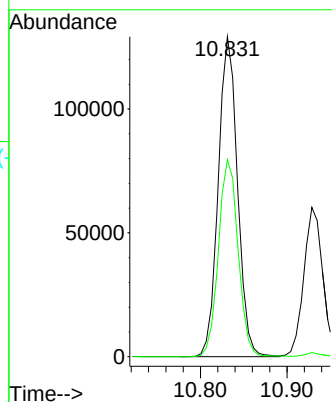
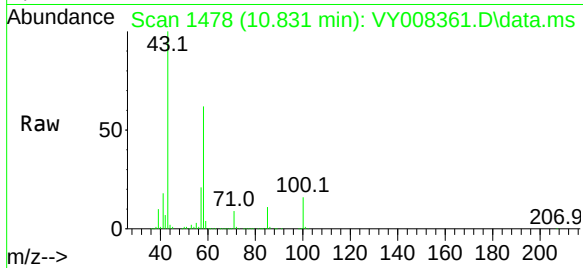




#59
2-Hexanone
Concen: 281.659 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

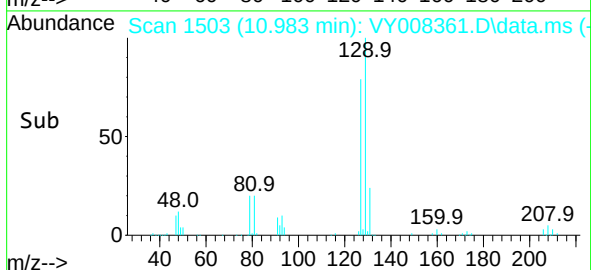
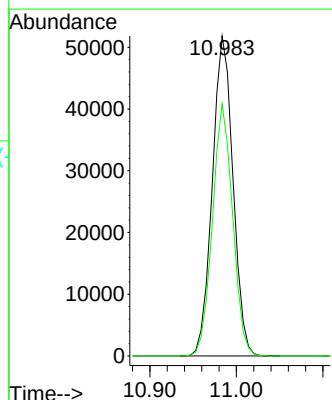
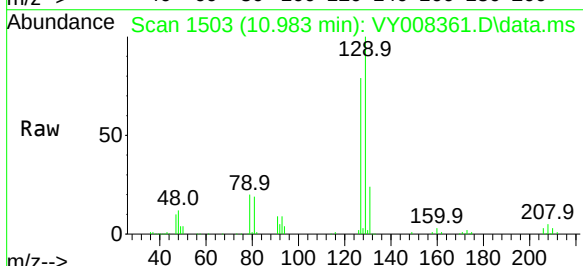
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

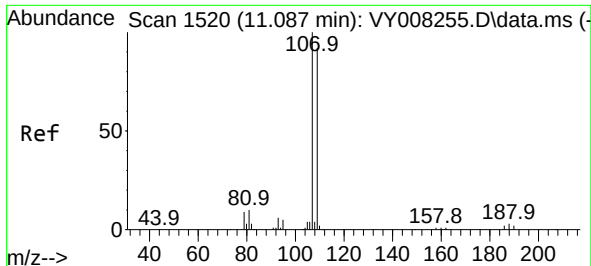
Tgt Ion: 43 Resp: 199615
Ion Ratio Lower Upper
43 100
58 62.8 24.4 73.4



#60
Dibromochloromethane
Concen: 51.295 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 129 Resp: 85776
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

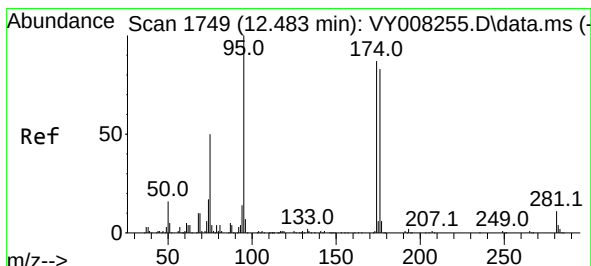
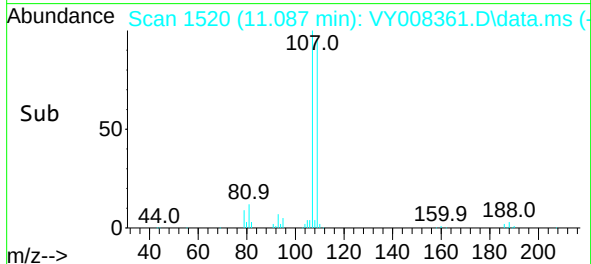
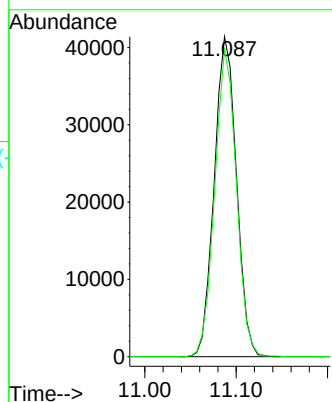
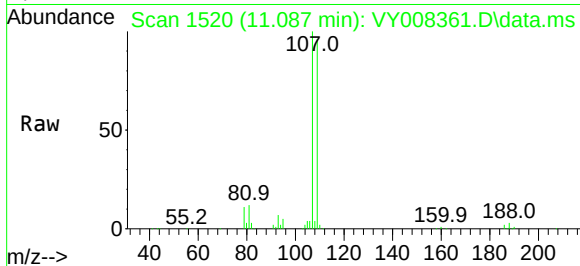




#61
1,2-Dibromoethane
Concen: 49.958 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

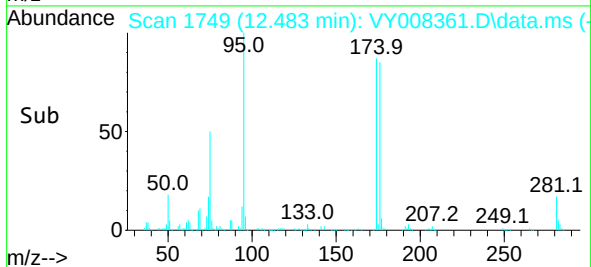
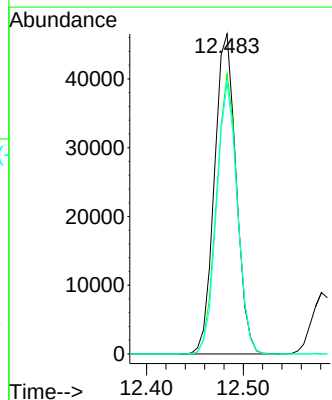
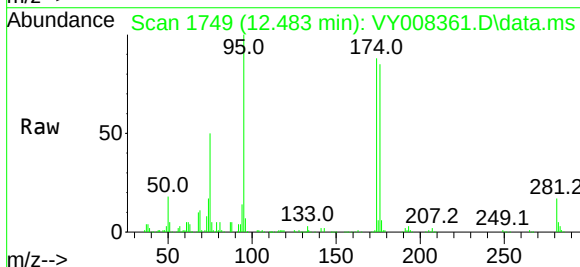
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

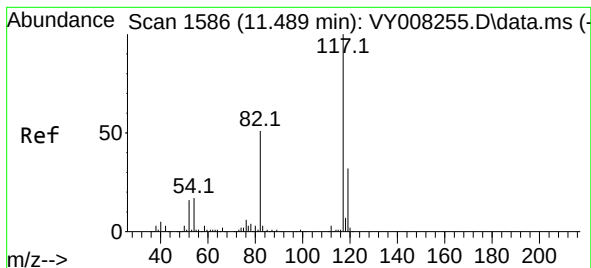
Tgt Ion:107 Resp: 69922
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.124 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 95 Resp: 72446
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

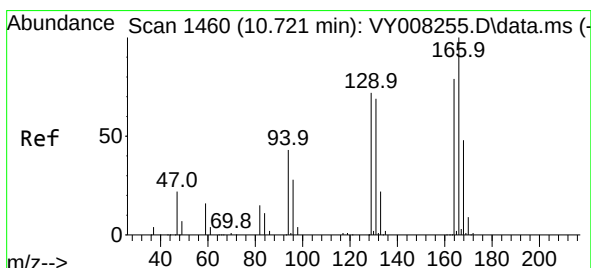
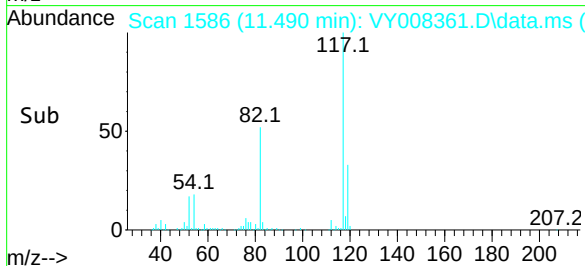
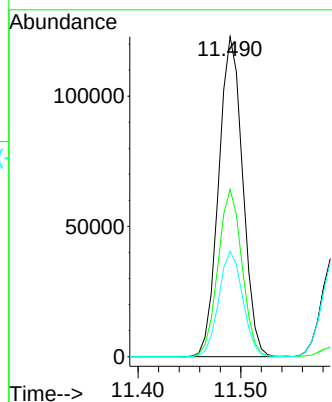
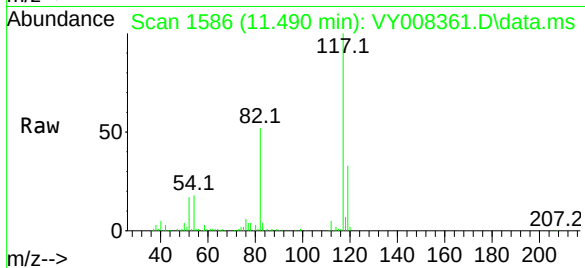
Tgt Ion:117 Resp: 199455

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 50.062 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Tgt Ion:164 Resp: 70376

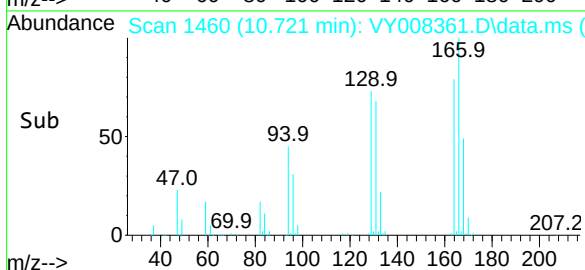
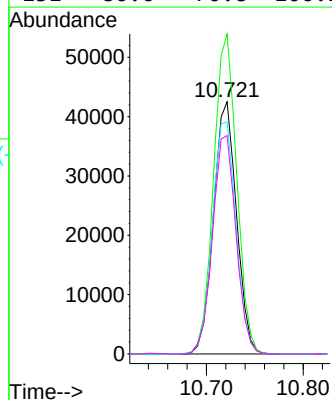
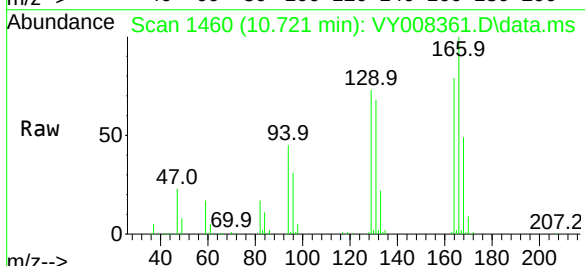
Ion Ratio Lower Upper

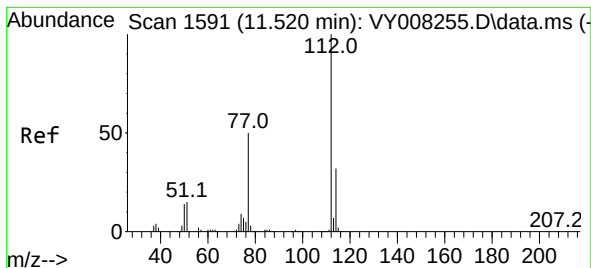
164 100

166 126.9 100.4 150.6

129 92.1 71.4 107.0

131 86.6 70.8 106.2





#65

Chlorobenzene

Concen: 52.526 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

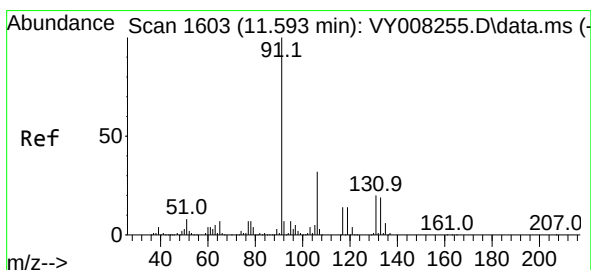
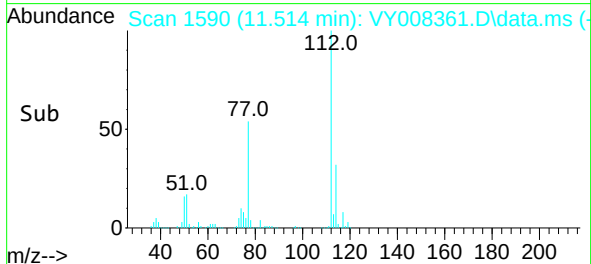
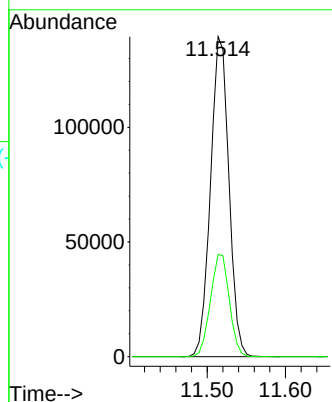
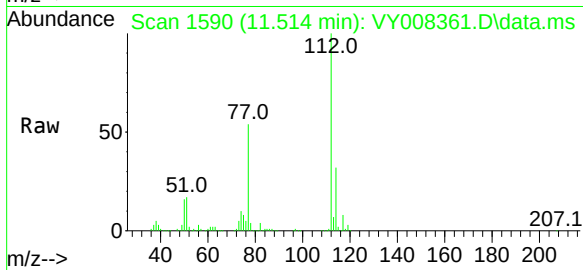
VSTDCCC050EC

Tgt Ion:112 Resp: 227197

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.692 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

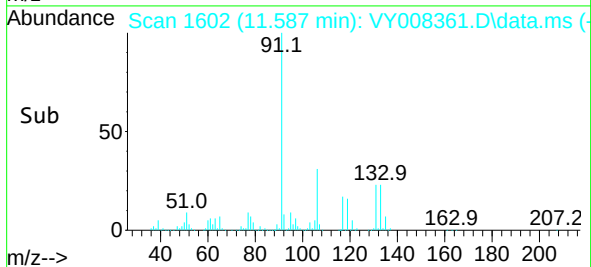
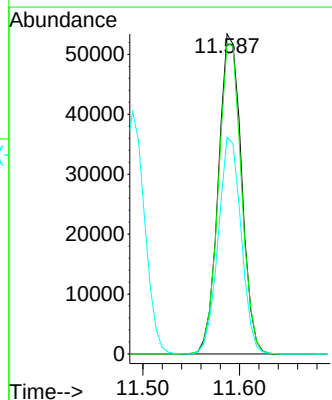
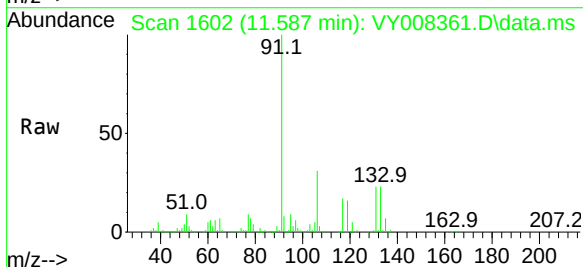
Tgt Ion:131 Resp: 88277

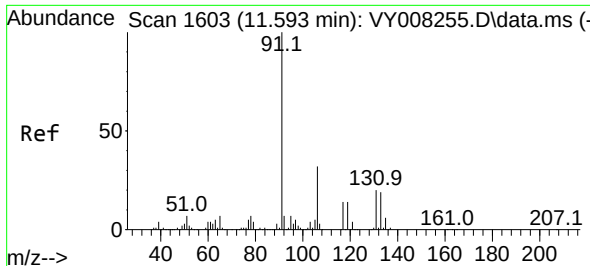
Ion Ratio Lower Upper

131 100

133 96.7 47.9 143.6

119 67.4 30.8 92.3

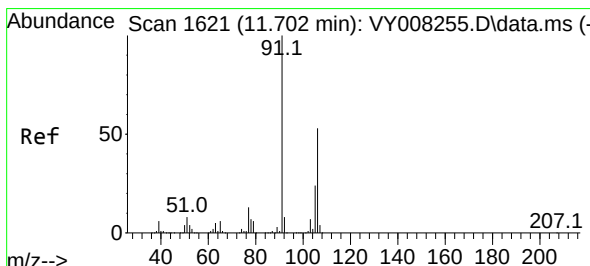
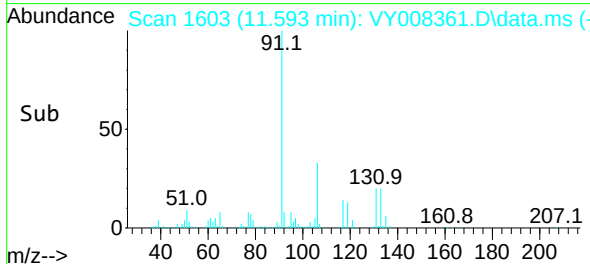
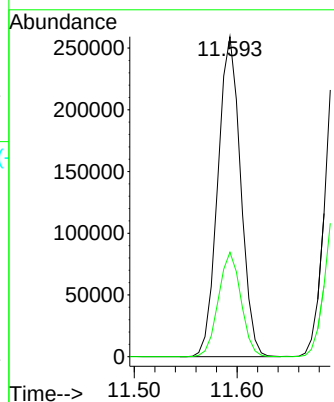
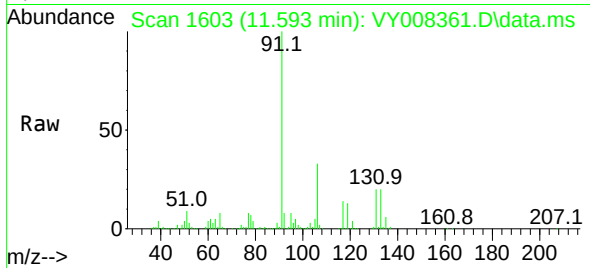




#67
Ethyl Benzene
Concen: 54.252 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

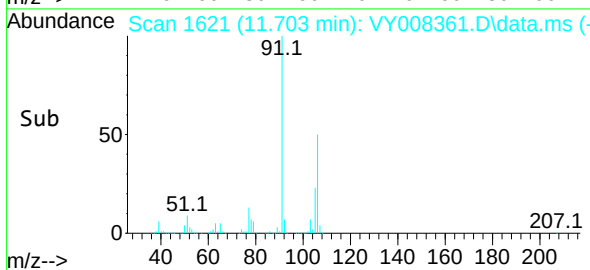
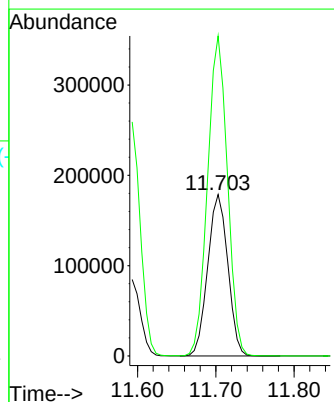
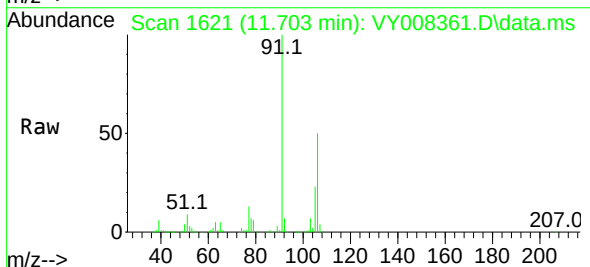
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

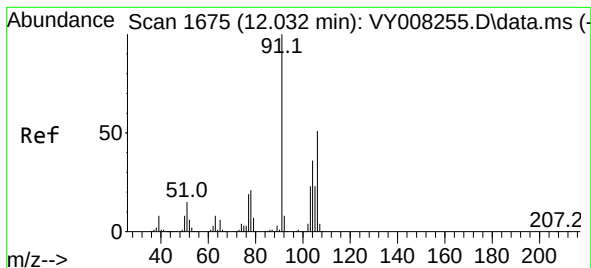
Tgt Ion: 91 Resp: 399064
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 108.755 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 106 Resp: 318154
Ion Ratio Lower Upper
106 100
91 195.7 166.6 249.8

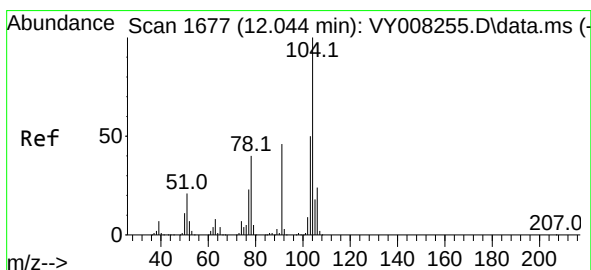
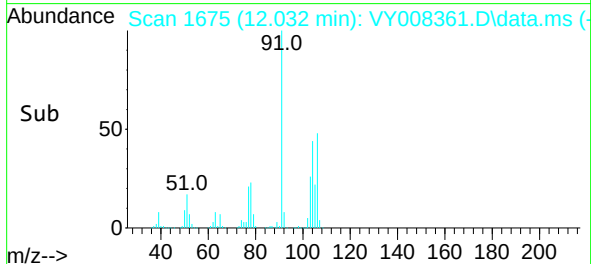
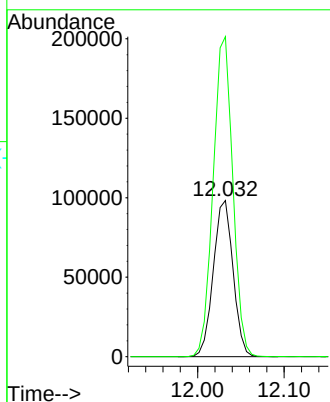
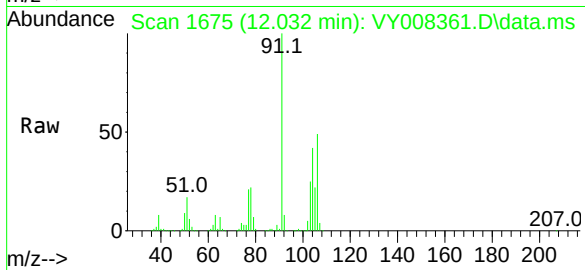




#69
o-Xylene
Concen: 54.757 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

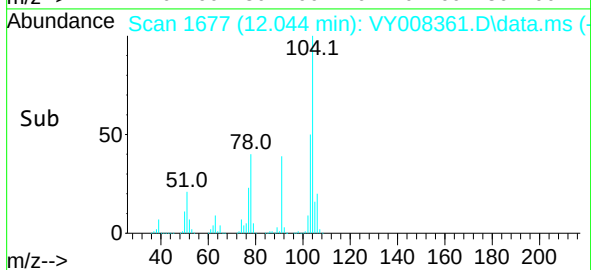
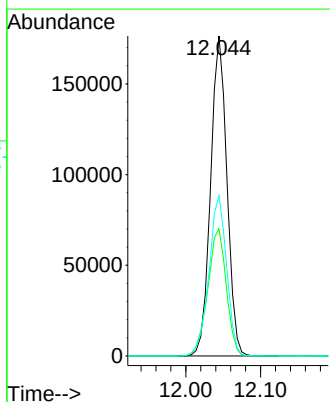
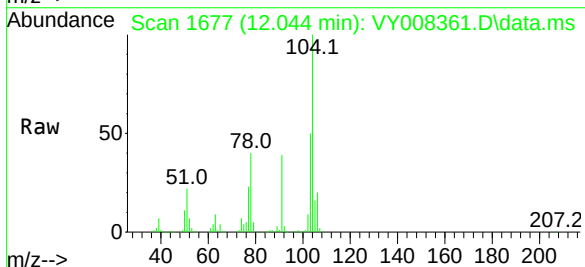
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

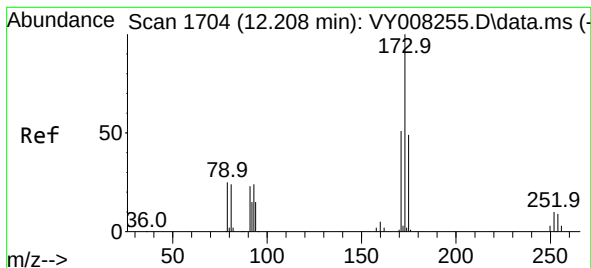
Tgt Ion:106 Resp: 155450
Ion Ratio Lower Upper
106 100
91 204.1 110.3 331.0



#70
Styrene
Concen: 57.102 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion:104 Resp: 267349
Ion Ratio Lower Upper
104 100
78 45.0 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 54.947 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

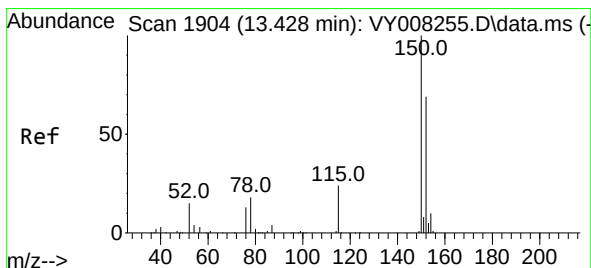
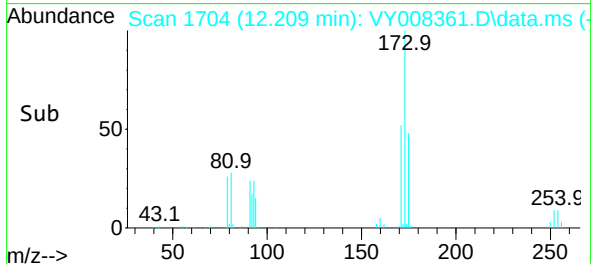
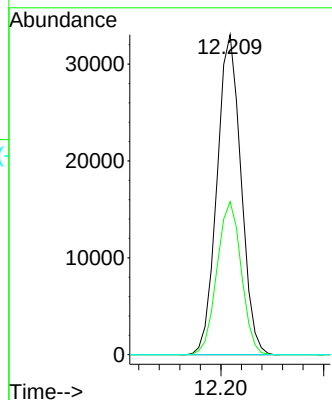
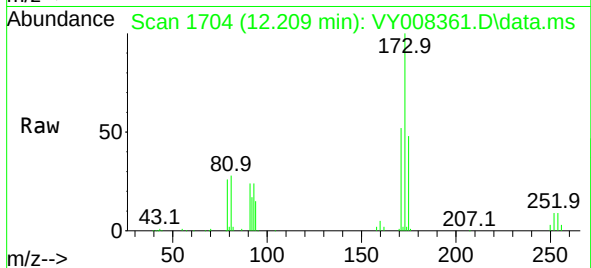
Tgt Ion:173 Resp: 53460

Ion Ratio Lower Upper

173 100

175 48.3 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: VY008361.D

Acq: 15 Apr 2022 19:09

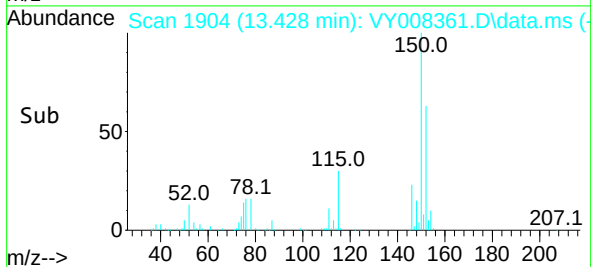
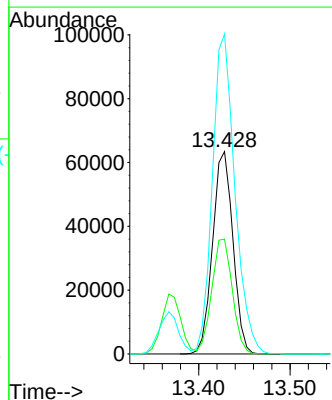
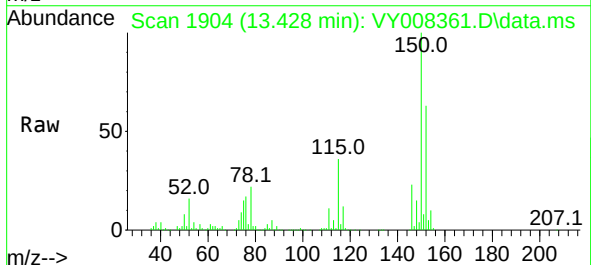
Tgt Ion:152 Resp: 98057

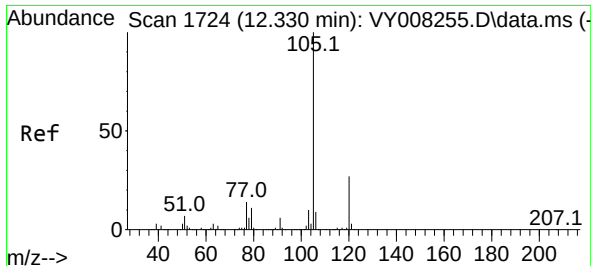
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 174.9 0.0 347.6

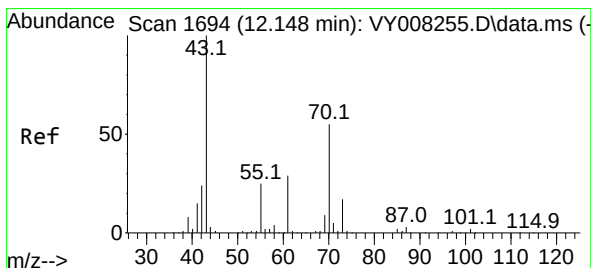
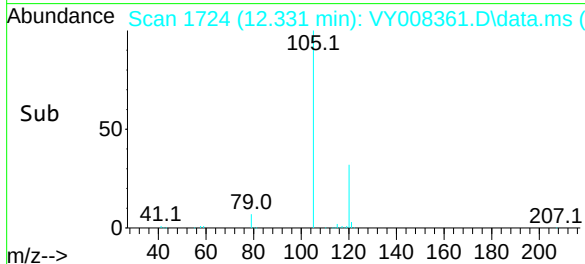
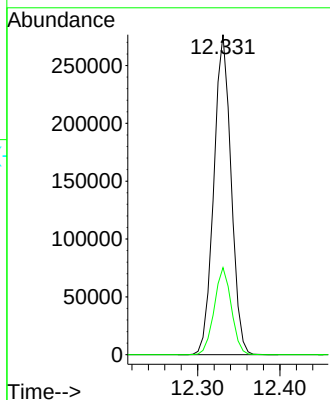
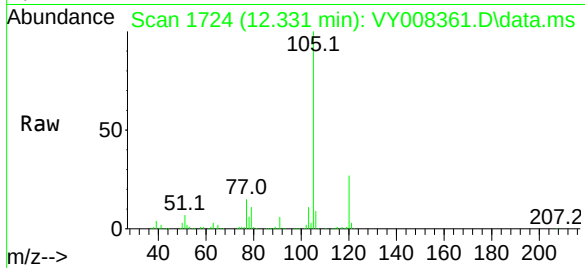




#73
Isopropylbenzene
Concen: 55.367 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

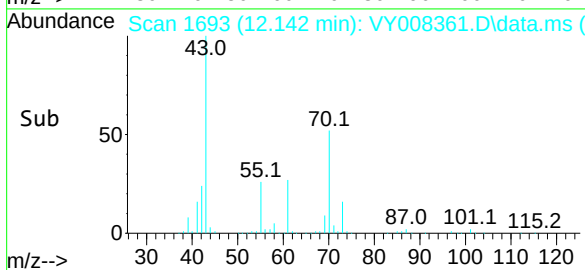
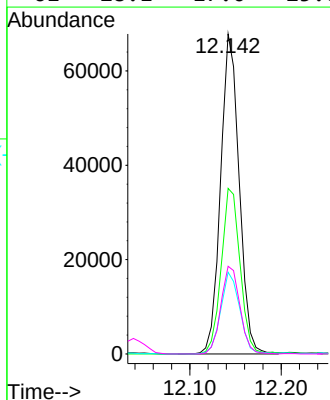
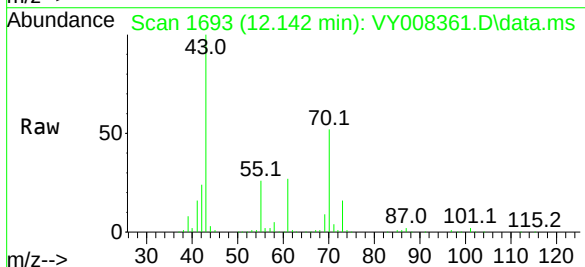
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

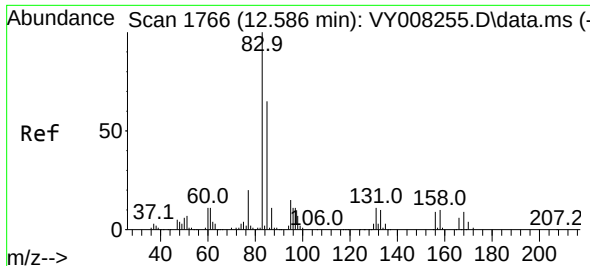
Tgt Ion:105 Resp: 403645
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 60.622 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 43 Resp: 95952
Ion Ratio Lower Upper
43 100
70 52.7 28.7 43.1#
55 26.2 17.3 25.9#
61 28.1 17.0 25.6#

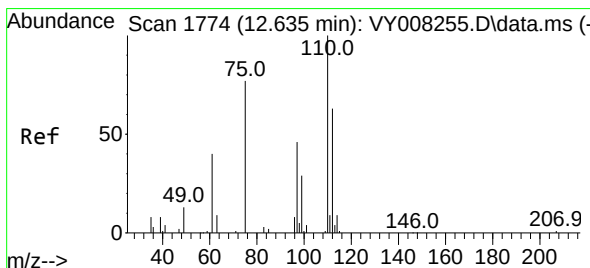
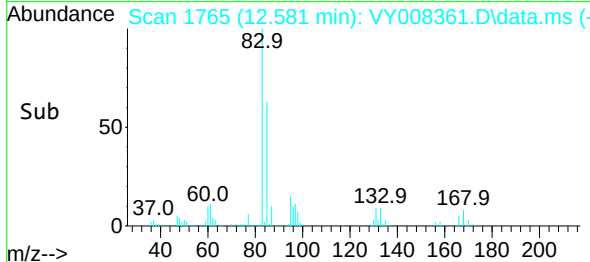
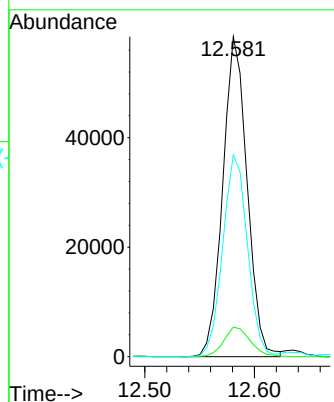
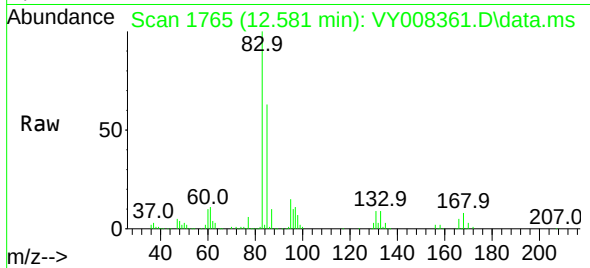




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.422 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

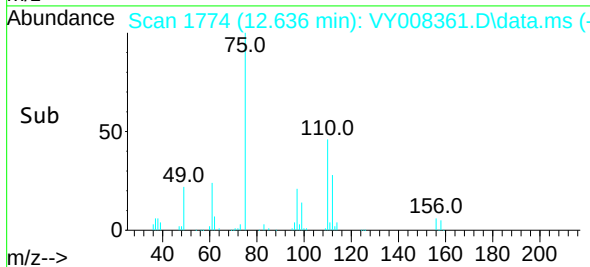
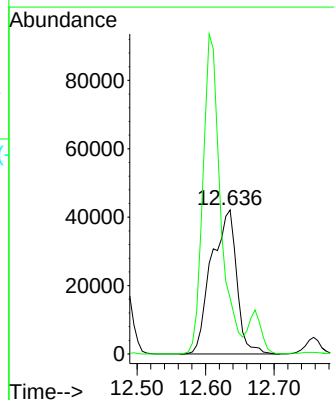
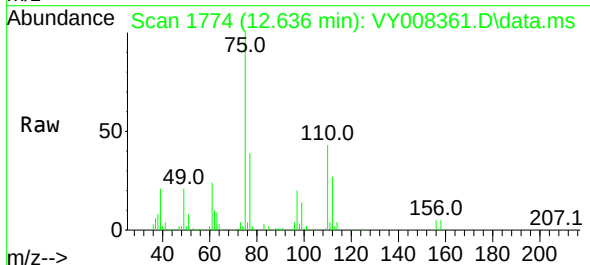
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

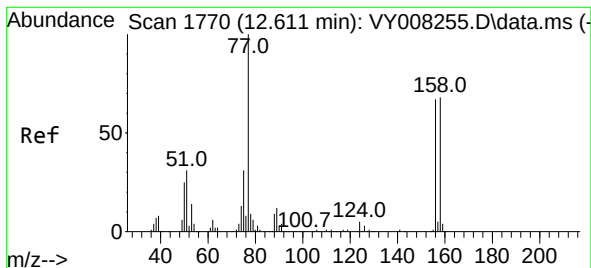
Tgt Ion: 83 Resp: 90123
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.6 16.8
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 99.549 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY008361.D
 Acq: 15 Apr 2022 19:09

Tgt Ion: 75 Resp: 107960
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.239 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

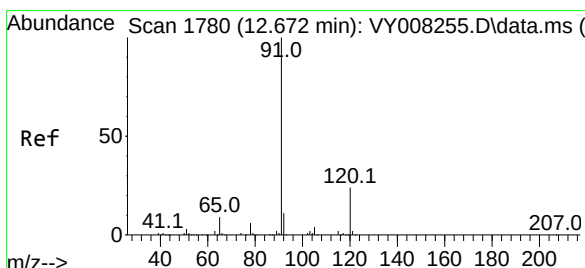
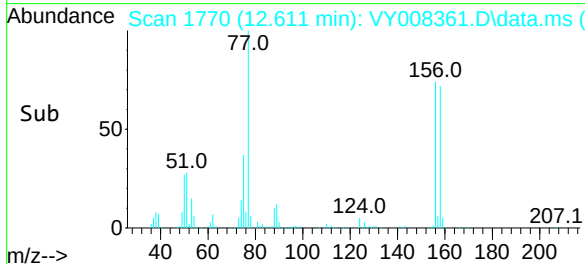
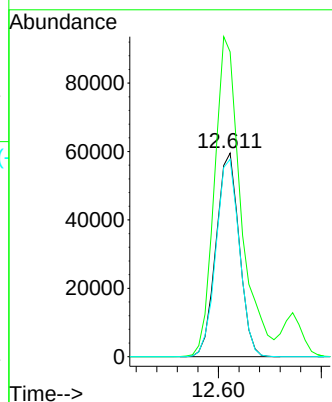
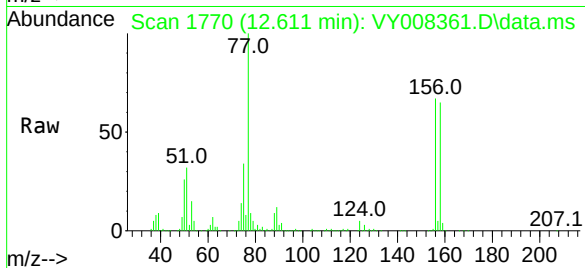
Tgt Ion:156 Resp: 93324

Ion Ratio Lower Upper

156 100

77 179.8 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 54.559 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008361.D

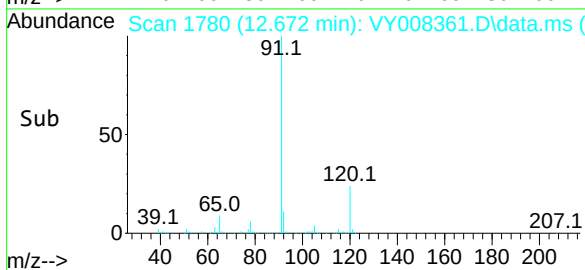
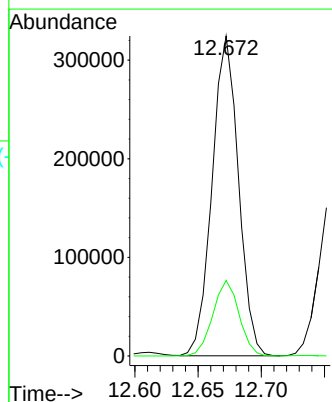
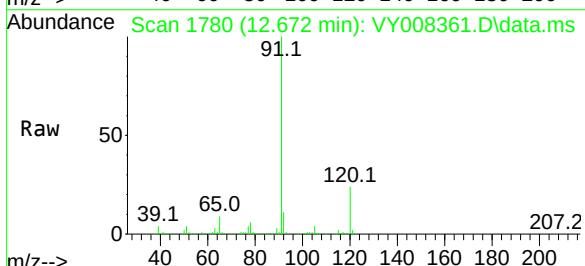
Acq: 15 Apr 2022 19:09

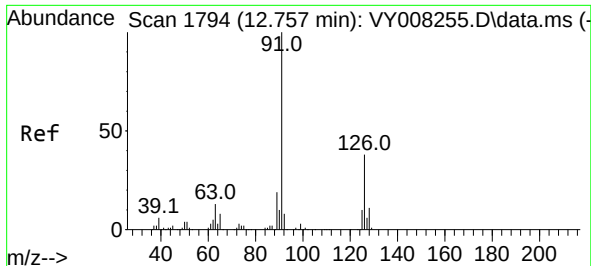
Tgt Ion: 91 Resp: 469351

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 54.710 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

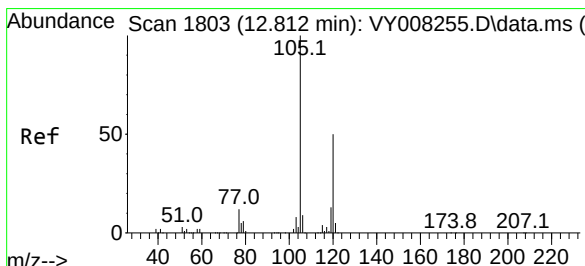
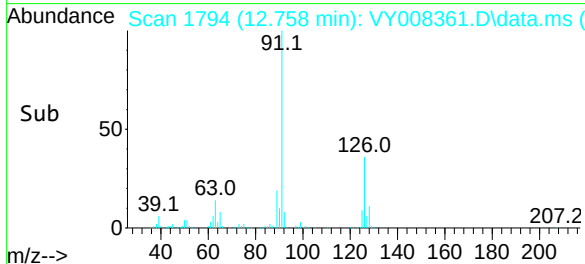
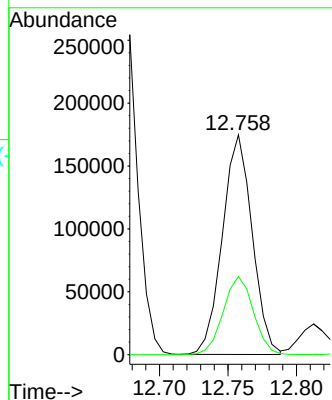
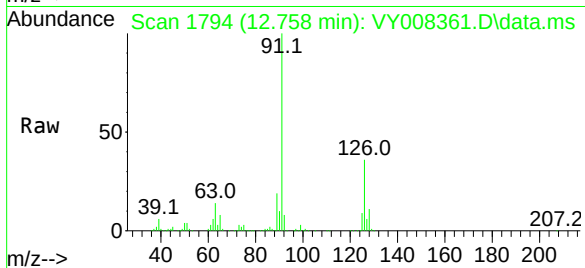
VSTDCCC050EC

Tgt Ion: 91 Resp: 264132

Ion Ratio Lower Upper

91 100

126 36.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 54.710 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008361.D

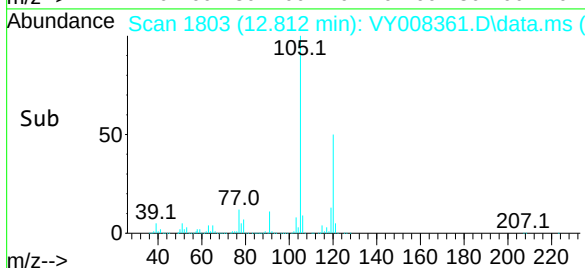
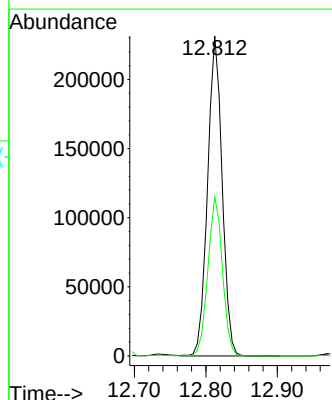
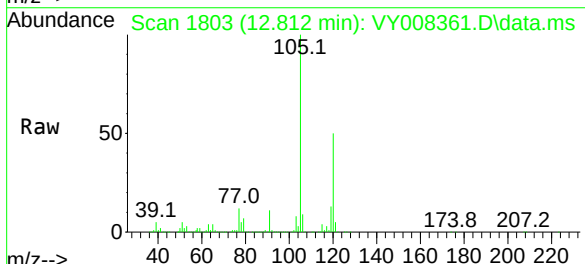
Acq: 15 Apr 2022 19:09

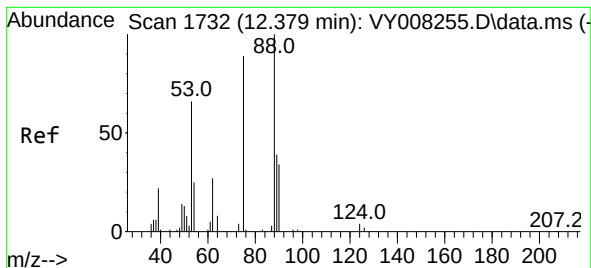
Tgt Ion:105 Resp: 327057

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4

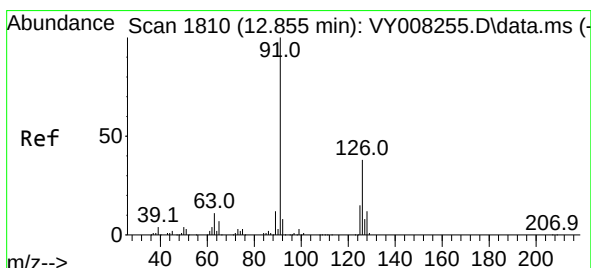
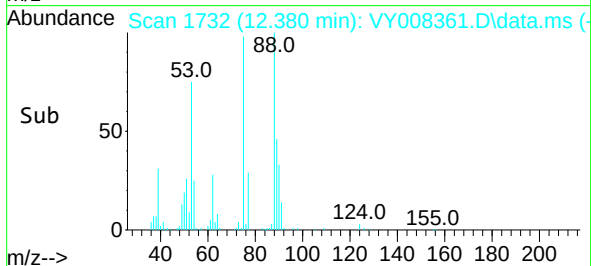
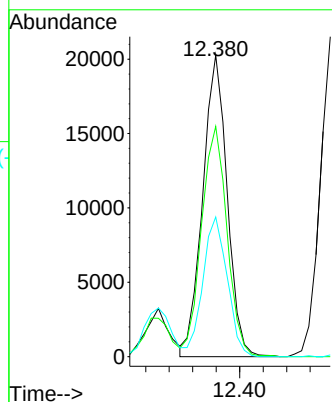
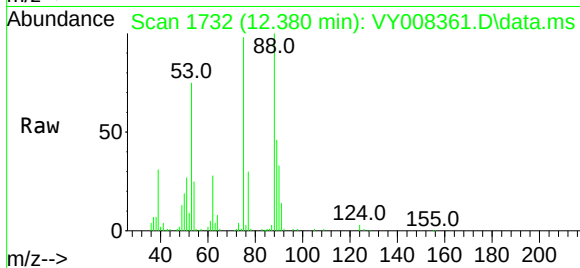




#81
trans-1,4-Dichloro-2-butene
Concen: 60.446 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

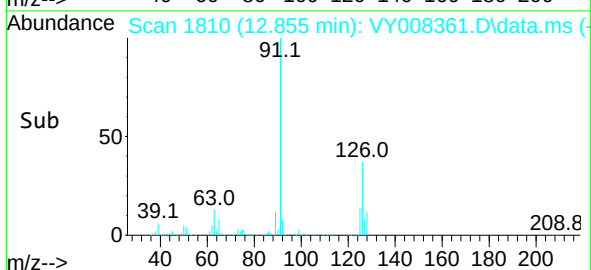
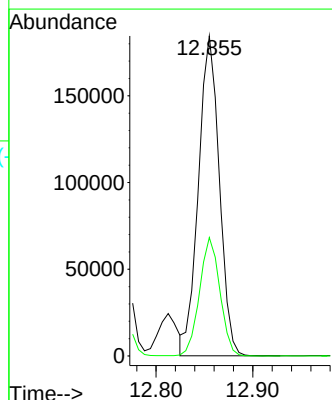
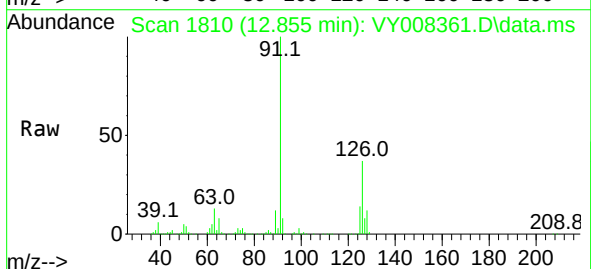
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

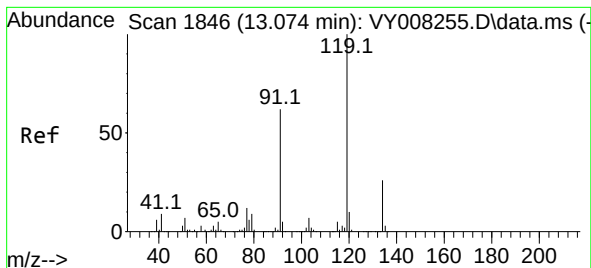
Tgt Ion: 75 Resp: 29298
Ion Ratio Lower Upper
75 100
53 79.8 85.3 127.9#
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.680 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion: 91 Resp: 276249
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 55.359 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

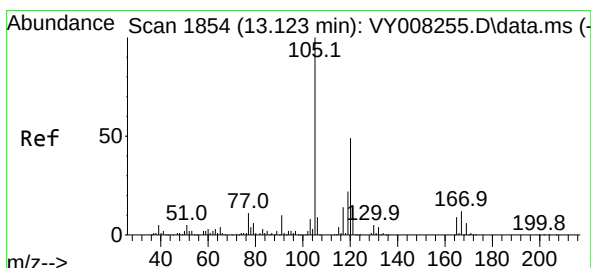
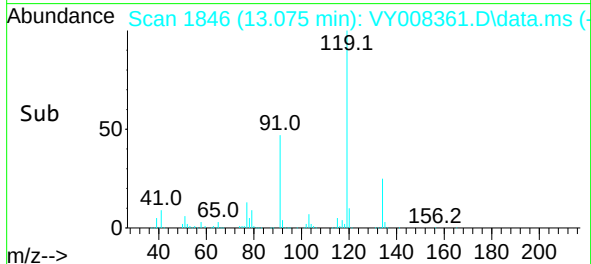
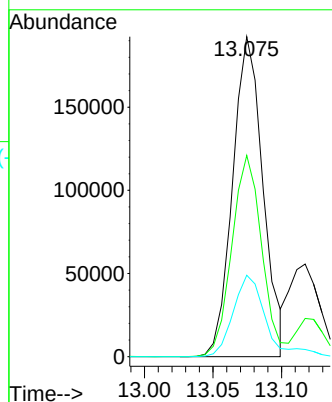
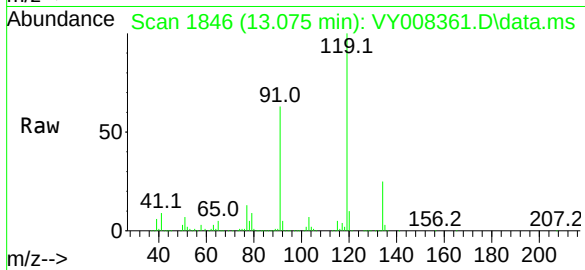
Tgt Ion:119 Resp: 296888

Ion Ratio Lower Upper

119 100

91 62.4 34.8 104.4

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 56.031 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY008361.D

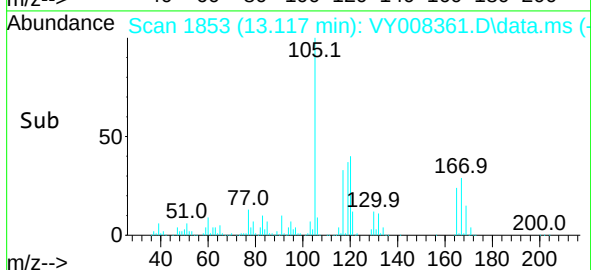
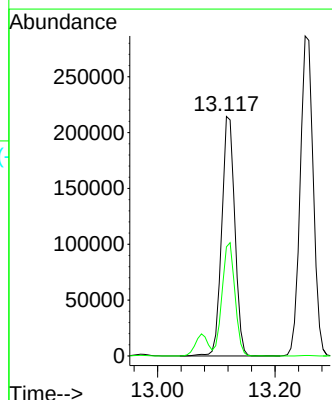
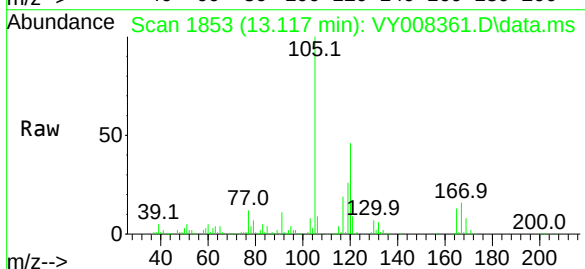
Acq: 15 Apr 2022 19:09

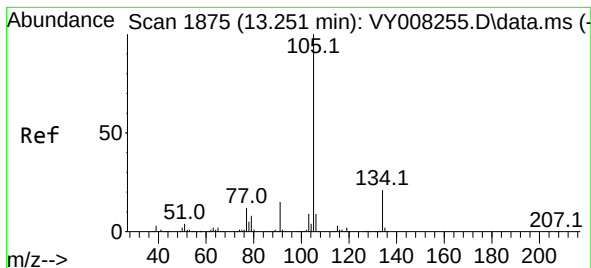
Tgt Ion:105 Resp: 331482

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.359 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

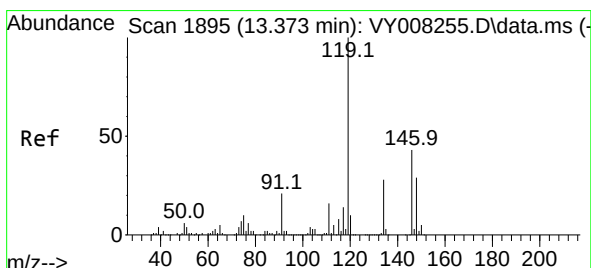
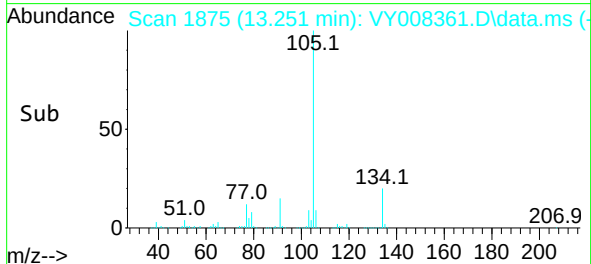
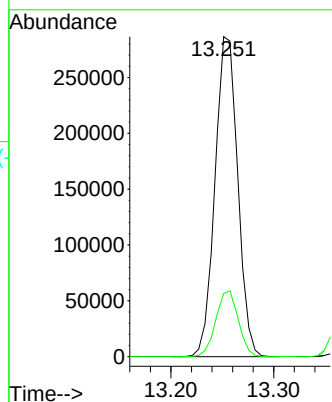
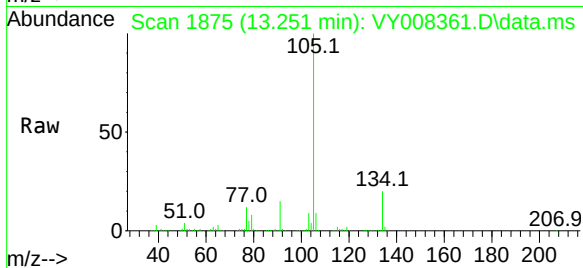
VSTDCCC050EC

Tgt Ion:105 Resp: 440145

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.916 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

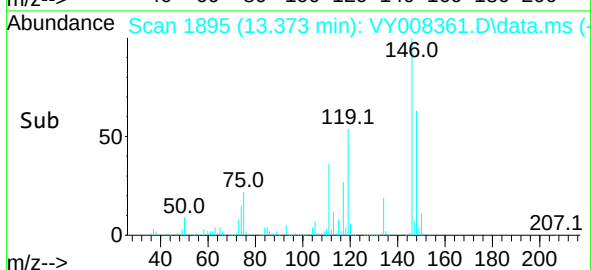
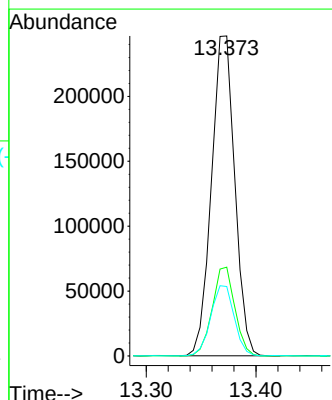
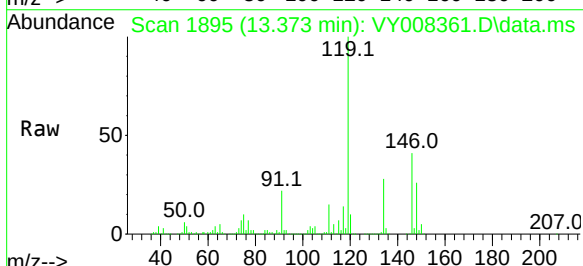
Tgt Ion:119 Resp: 364357

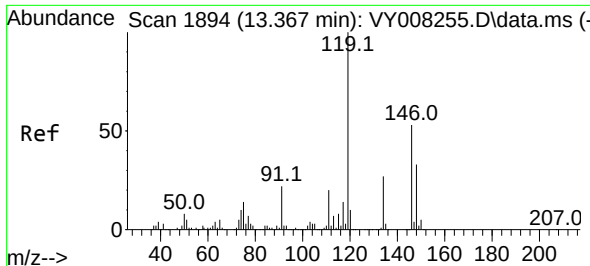
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 22.1 12.4 37.2

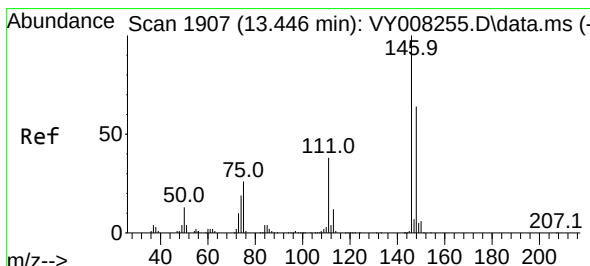
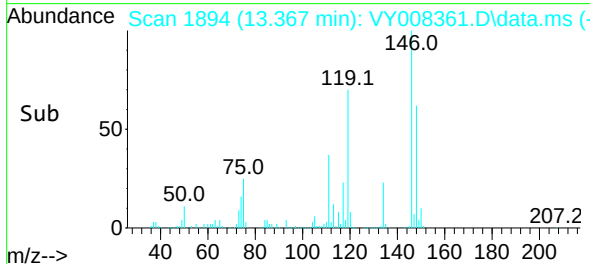
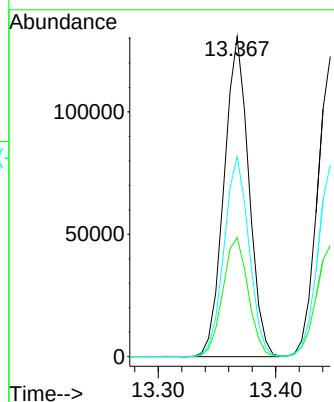
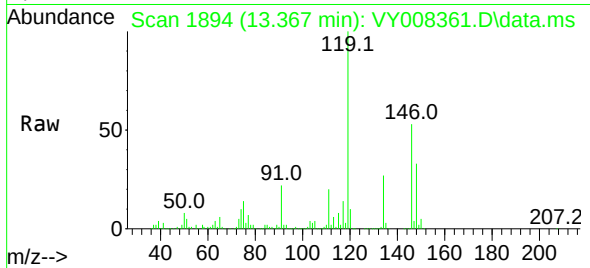




#87
1,3-Dichlorobenzene
Concen: 54.209 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

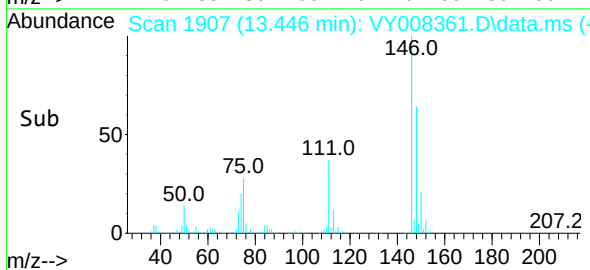
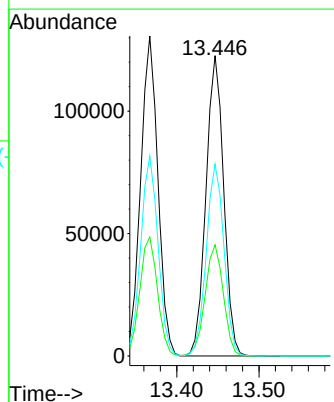
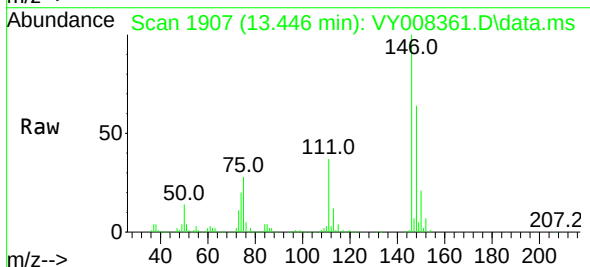
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

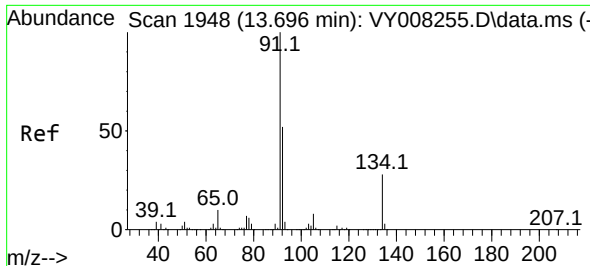
Tgt Ion:146 Resp: 191800
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 62.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 52.536 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion:146 Resp: 183968
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.0 32.6 97.8





#89

n-Butylbenzene

Concen: 53.090 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

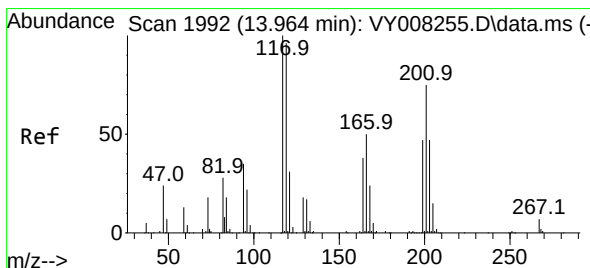
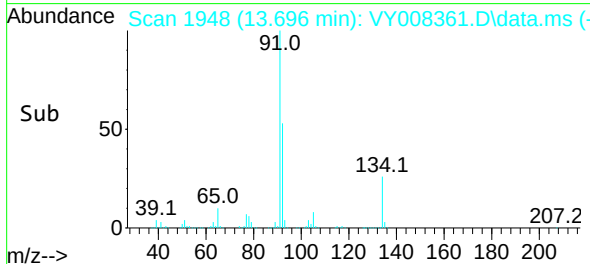
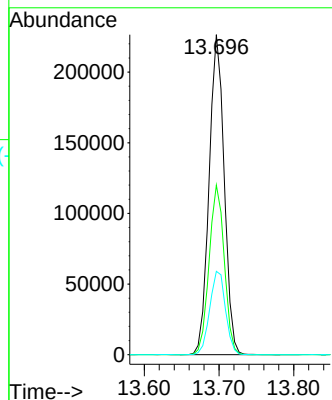
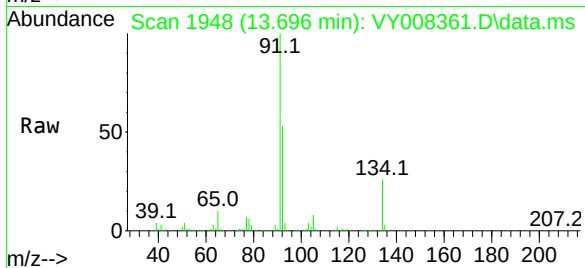
Tgt Ion: 91 Resp: 318249

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 54.585 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY008361.D

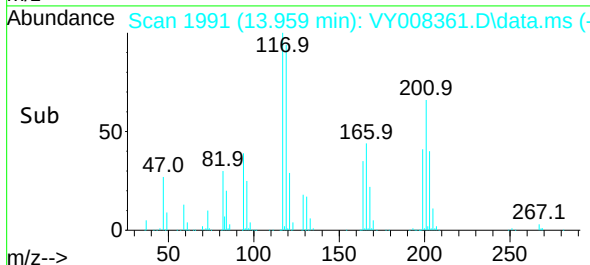
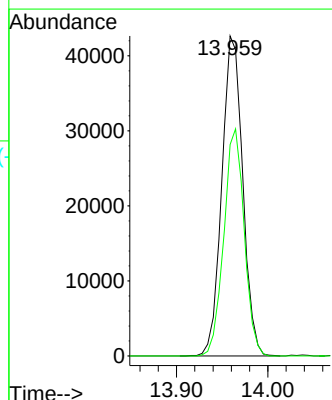
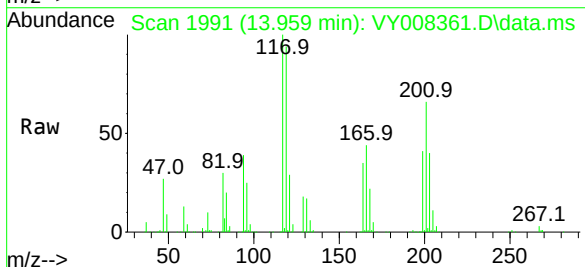
Acq: 15 Apr 2022 19:09

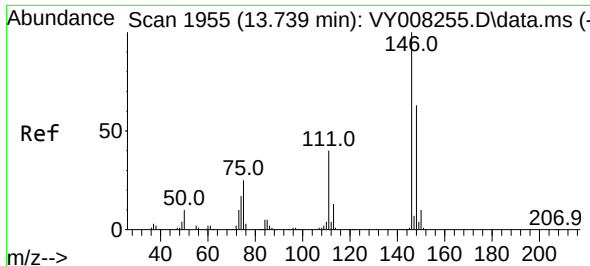
Tgt Ion: 117 Resp: 67690

Ion Ratio Lower Upper

117 100

201 69.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 53.026 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

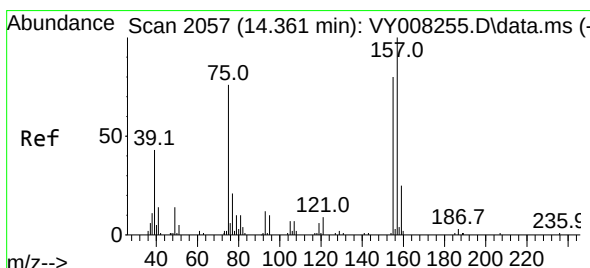
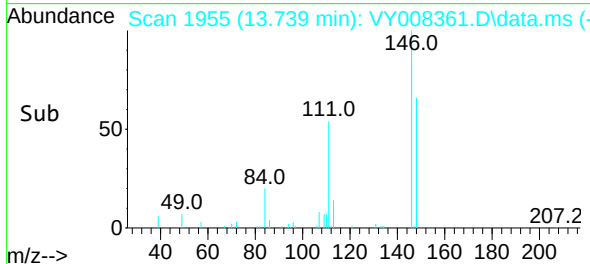
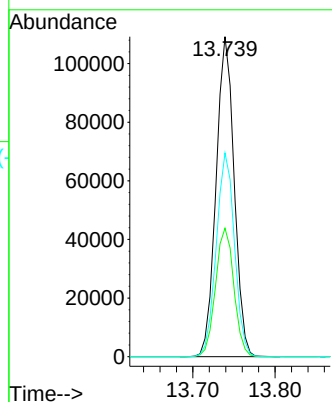
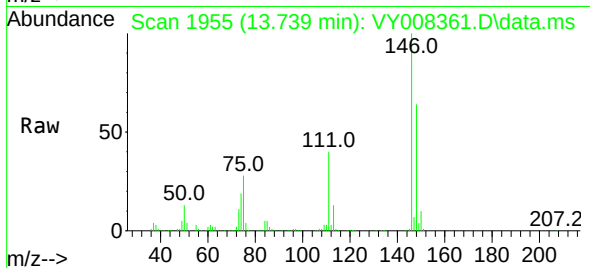
Tgt Ion:146 Resp: 166915

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.655 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

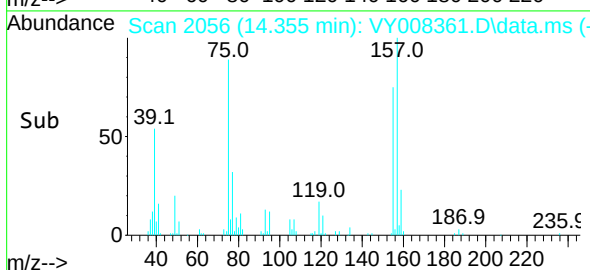
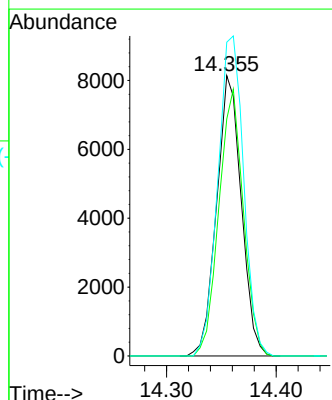
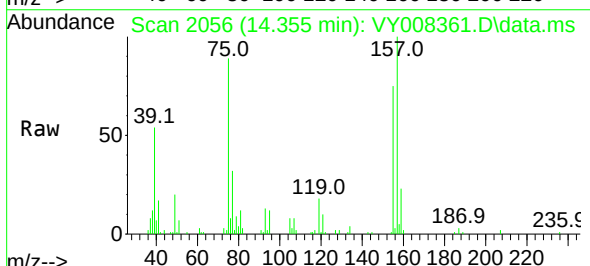
Tgt Ion: 75 Resp: 12725

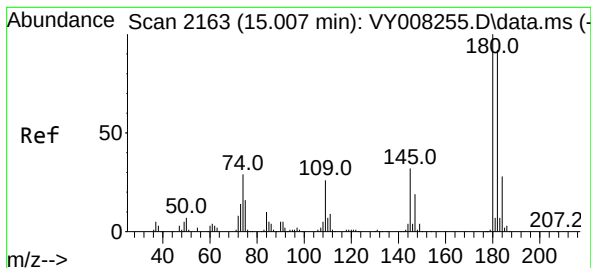
Ion Ratio Lower Upper

75 100

155 94.3 38.0 113.9

157 119.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.589 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

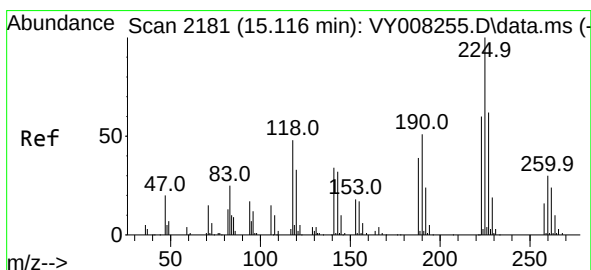
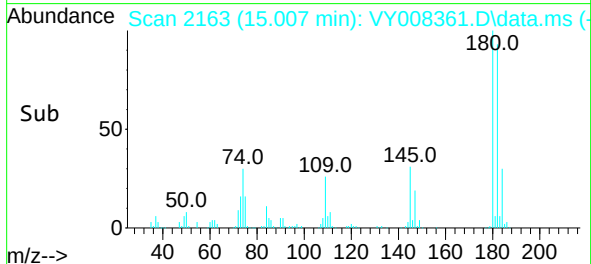
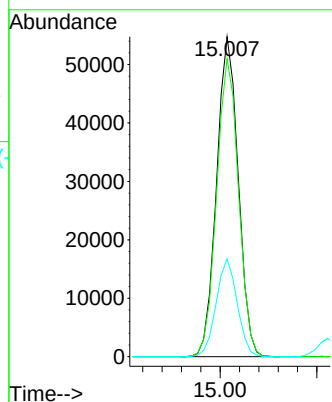
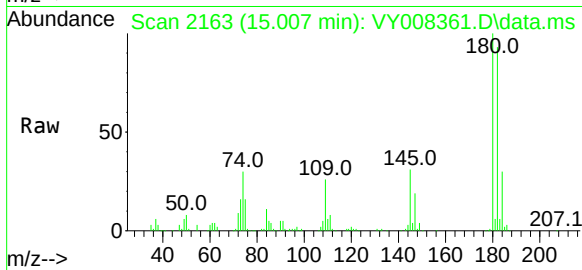
Tgt Ion:180 Resp: 84878

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.839 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008361.D

Acq: 15 Apr 2022 19:09

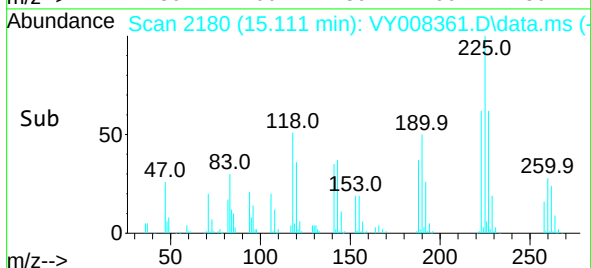
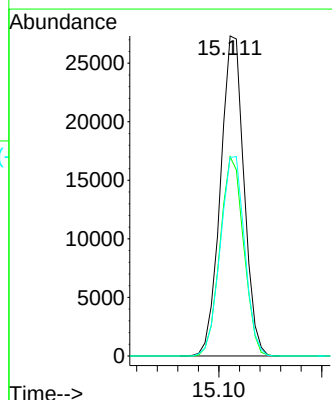
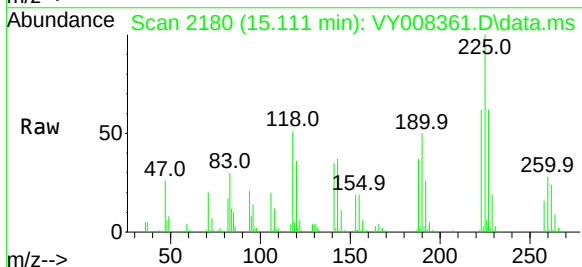
Tgt Ion:225 Resp: 43327

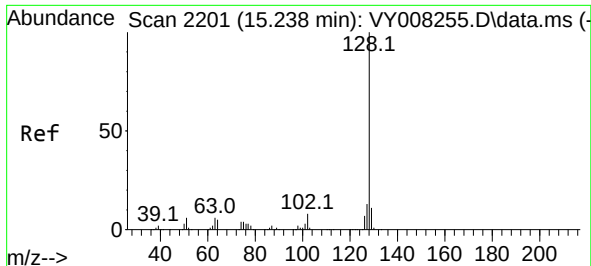
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 64.4 31.6 94.7

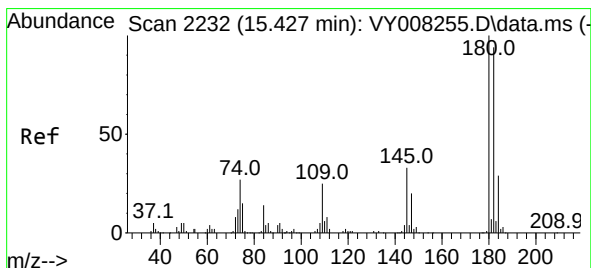
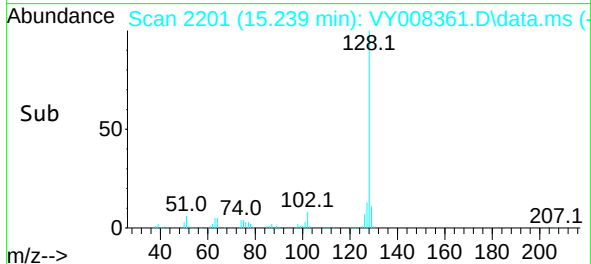
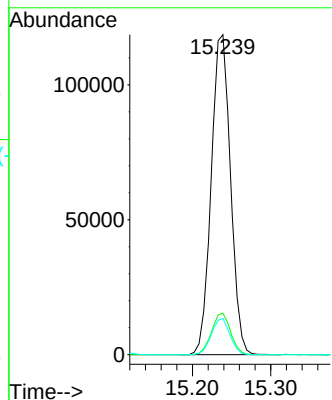
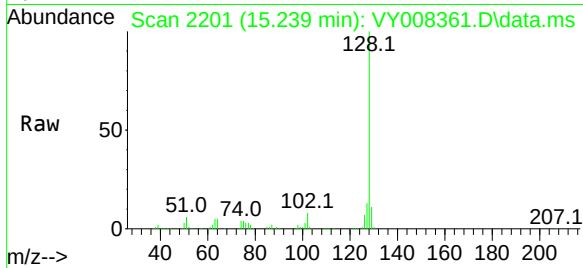




#95
Naphthalene
Concen: 50.829 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 202713
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 46.025 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008361.D
Acq: 15 Apr 2022 19:09

Tgt Ion:180 Resp: 74987
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 33.0 15.3 45.9

