

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008362.D
 Acq On : 15 Apr 2022 19:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 16 05:01:29 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	115873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52382	48.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.260%
35) Dibromofluoromethane	7.716	113	57193	50.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.179	98	193830	49.649	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.483	95	71535	48.717	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44142	46.001	ug/l	93
3) Chloromethane	2.113	50	56577	52.338	ug/l	96
4) Vinyl Chloride	2.247	62	79009	47.862	ug/l	100
5) Bromomethane	2.650	94	69985	55.043	ug/l	98
6) Chloroethane	2.790	64	57671	49.880	ug/l	99
7) Trichlorofluoromethane	3.125	101	96701	49.231	ug/l	93
8) Diethyl Ether	3.527	74	35170	49.545	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	63951	50.122	ug/l	93
10) Methyl Iodide	4.088	142	68786	48.326	ug/l	90
11) Tert butyl alcohol	4.948	59	35710	306.890	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	55845	48.863	ug/l #	78
13) Acrolein	3.729	56	19371	211.424	ug/l	98
14) Allyl chloride	4.479	41	76822	51.504	ug/l #	91
15) Acrylonitrile	5.161	53	95610	275.379	ug/l	98
16) Acetone	3.942	43	65945	251.899	ug/l #	87
17) Carbon Disulfide	4.192	76	129494	42.949	ug/l	99
18) Methyl Acetate	4.472	43	39490	64.154	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	191714	54.356	ug/l	94
20) Methylene Chloride	4.716	84	82658	61.557	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	67592	49.361	ug/l #	81
22) Diisopropyl ether	6.118	45	190983	54.272	ug/l #	90
23) Vinyl Acetate	6.058	43	639983	280.672	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	122585	54.268	ug/l	98
25) 2-Butanone	6.984	43	117300	286.549	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	111080	53.399	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	86203	53.058	ug/l	81
28) Bromochloromethane	7.332	49	50912	58.802	ug/l #	71
29) Tetrahydrofuran	7.344	42	76927	291.068	ug/l #	73
30) Chloroform	7.502	83	137595	54.551	ug/l	98
31) Cyclohexane	7.783	56	91806	46.645	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	119647	54.226	ug/l	95
36) 1,1-Dichloropropene	7.917	75	93624	51.389	ug/l	96
37) Ethyl Acetate	7.070	43	52905	56.317	ug/l #	89
38) Carbon Tetrachloride	7.899	117	104511	53.322	ug/l	96
39) Methylcyclohexane	9.179	83	114935	49.031	ug/l #	84
40) Benzene	8.161	78	284627	52.463	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	71105	135.298	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	84033	53.389	ug/l	89
43) Isopropyl Acetate	8.271	43	100448	57.614	ug/l #	85
44) Trichloroethene	8.941	130	80280	51.922	ug/l	99
45) 1,2-Dichloropropane	9.215	63	71559	53.993	ug/l	98
46) Dibromomethane	9.307	93	47155	53.757	ug/l	94
47) Bromodichloromethane	9.496	83	108487	54.993	ug/l	97
48) Methyl methacrylate	9.289	41	42277	57.042	ug/l #	72
49) 1,4-Dioxane	9.295	88	13247	1170.233	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	273832	304.169	ug/l #	84
52) Toluene	10.246	92	187296	52.398	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	109645	54.537	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	120176	52.984	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	67018	53.560	ug/l	97
56) Ethyl methacrylate	10.508	69	88078	57.414	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	108778	54.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	155594	257.485	ug/l	90
59) 2-Hexanone	10.831	43	189004	305.109	ug/l	80
60) Dibromochloromethane	10.983	129	79138	54.143	ug/l	100
61) 1,2-Dibromoethane	11.087	107	64757	52.933	ug/l	99
64) Tetrachloroethene	10.721	164	64119	50.218	ug/l	98
65) Chlorobenzene	11.514	112	207409	52.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	80751	55.083	ug/l	96
67) Ethyl Benzene	11.593	91	367445	54.999	ug/l	98
68) m/p-Xylenes	11.703	106	293820	110.582	ug/l	91
69) o-Xylene	12.032	106	141729	54.967	ug/l	92
70) Styrene	12.044	104	242536	57.035	ug/l	94
71) Bromoform	12.209	173	49157	55.628	ug/l #	100
73) Isopropylbenzene	12.331	105	374464	54.198	ug/l	100
74) N-amyl acetate	12.142	43	91111	60.740	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	83895	57.385	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	101406	98.665	ug/l #	100
77) Bromobenzene	12.611	156	85128	50.280	ug/l	96
78) n-propylbenzene	12.672	91	440882	54.077	ug/l	98
79) 2-Chlorotoluene	12.758	91	245868	53.736	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	305948	54.002	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27191	59.194	ug/l #	82
82) 4-Chlorotoluene	12.855	91	252923	53.791	ug/l	96
83) tert-Butylbenzene	13.075	119	275155	54.137	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	307720	54.884	ug/l	96
85) sec-Butylbenzene	13.257	105	417206	55.369	ug/l	100
86) p-Isopropyltoluene	13.373	119	344050	54.716	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	177608	52.968	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	172246	51.902	ug/l	99
89) n-Butylbenzene	13.696	91	303233	53.376	ug/l	99
90) Hexachloroethane	13.965	117	63465	54.002	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	155165	52.013	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12161	58.139	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	80822	45.805	ug/l	99
94) Hexachlorobutadiene	15.111	225	41113	45.896	ug/l	98
95) Naphthalene	15.239	128	192160	50.842	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	72476	46.938	ug/l	99

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QLast Update : Fri Apr 08 16:02:50 2022
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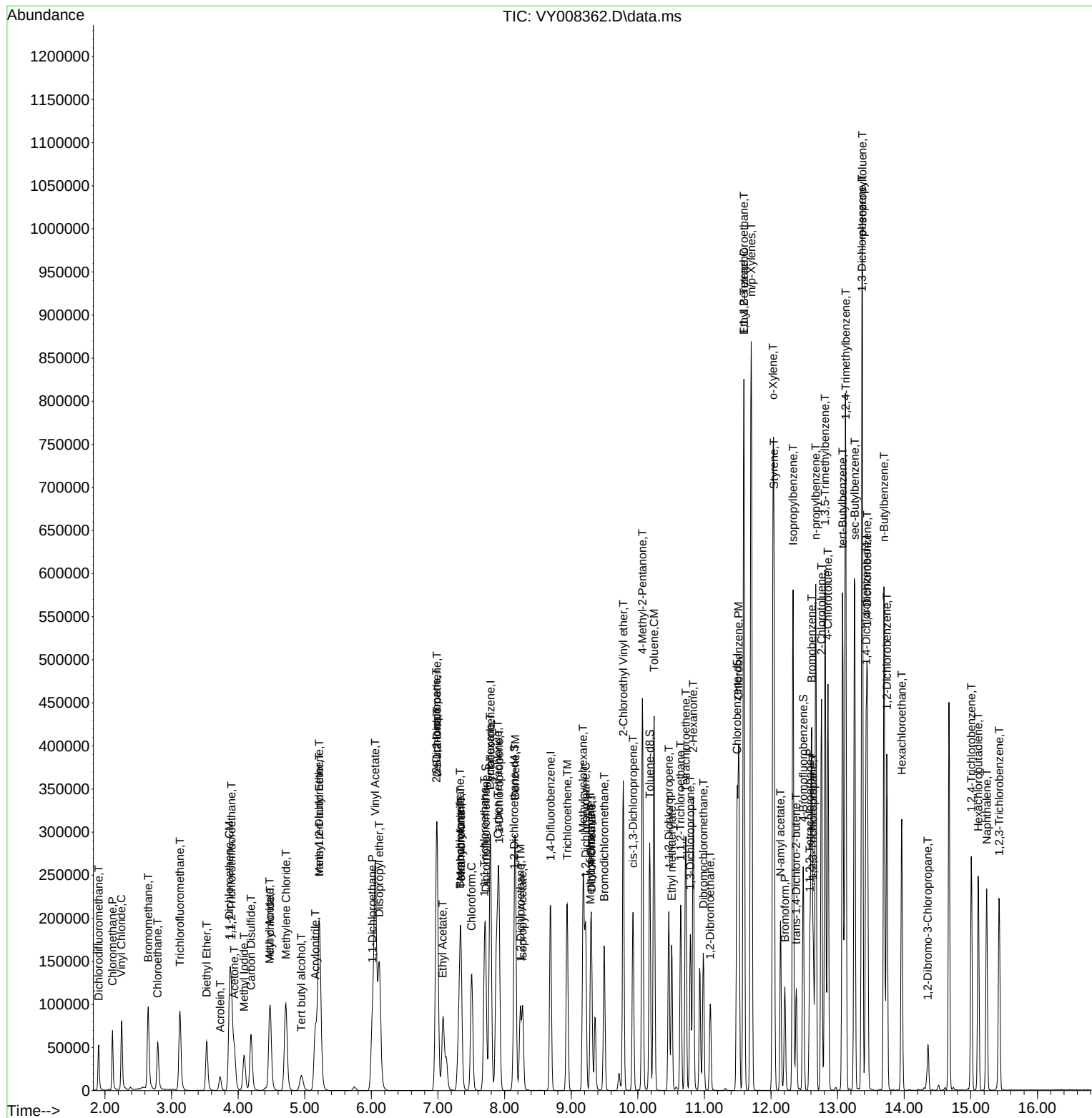
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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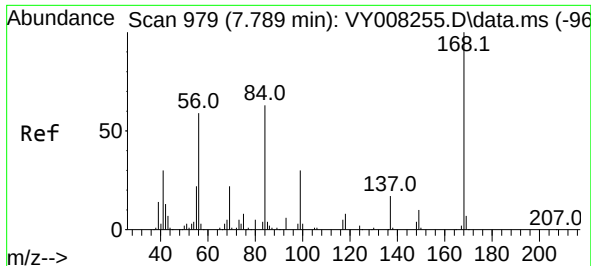
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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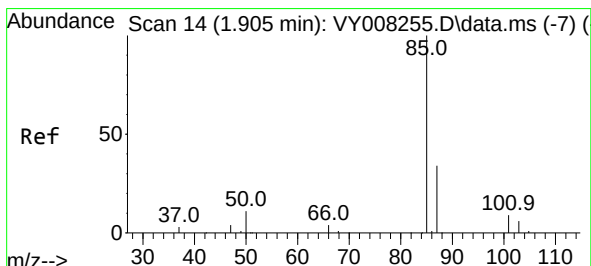
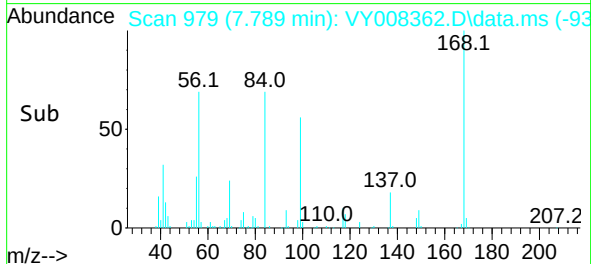
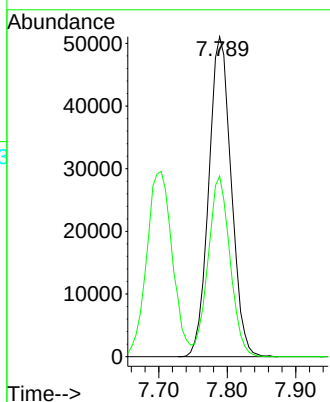
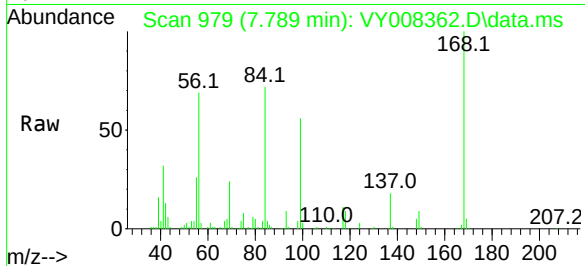




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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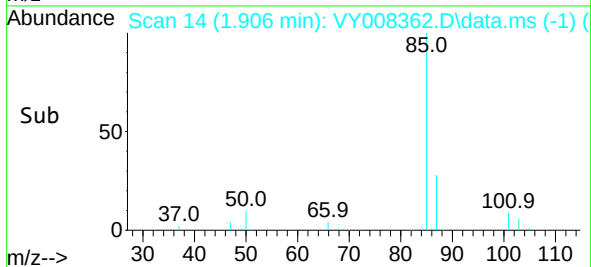
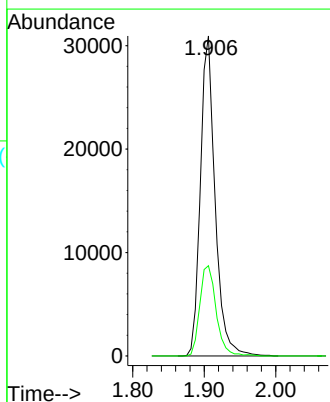
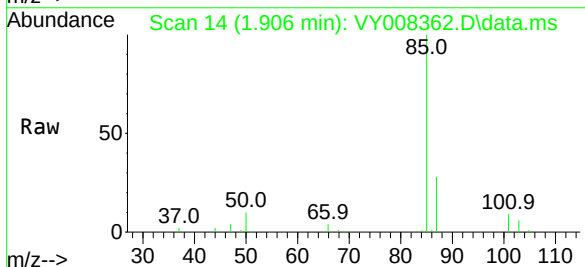
Instrument :
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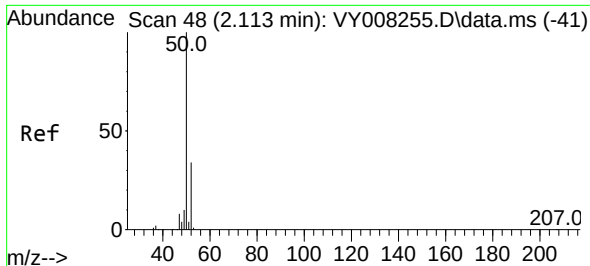
Tgt Ion:168 Resp: 115873
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 46.001 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 85 Resp: 44142
Ion Ratio Lower Upper
85 100
87 28.2 16.1 48.2

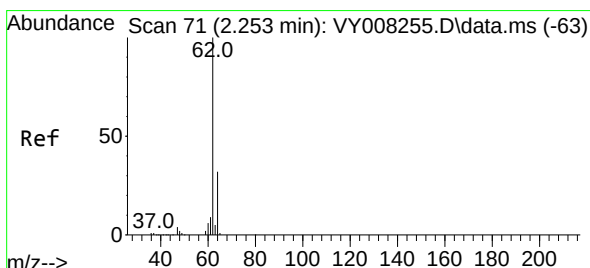
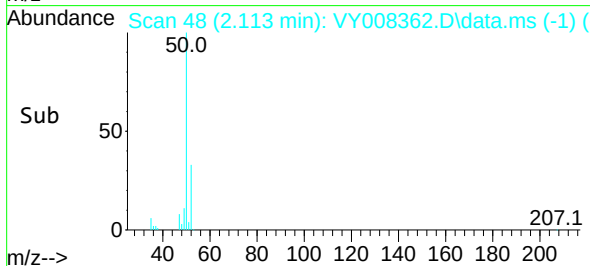
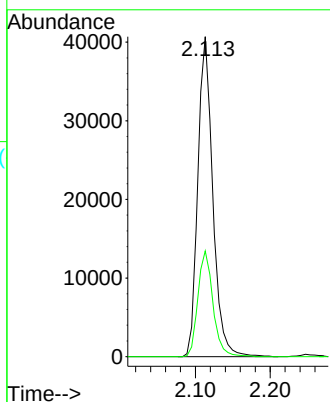
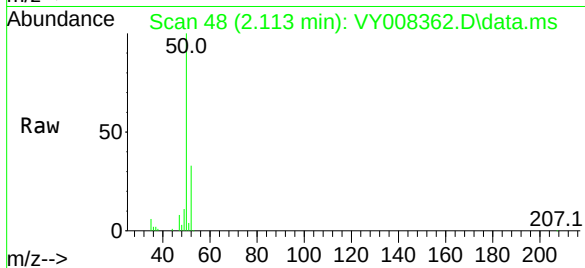




#3
Chloromethane
Concen: 52.338 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

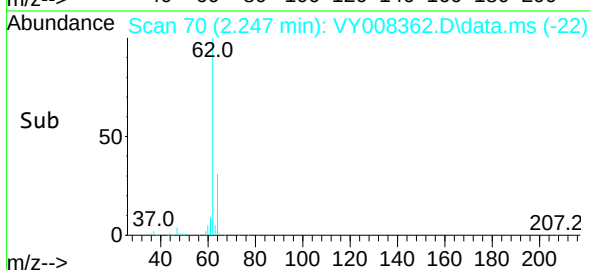
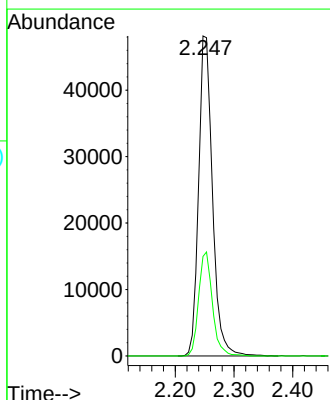
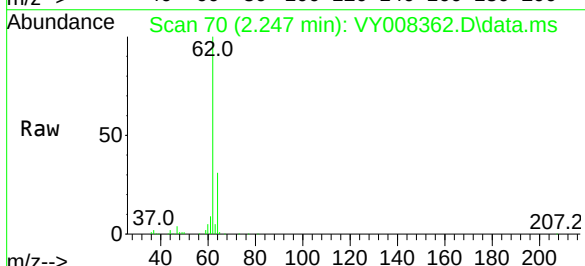
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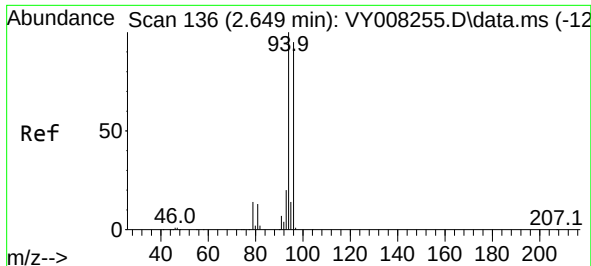
Tgt Ion: 50 Resp: 56577
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 47.862 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 62 Resp: 79009
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6

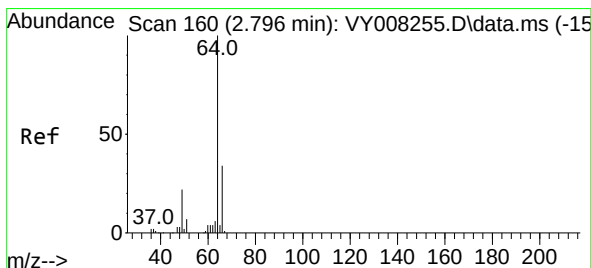
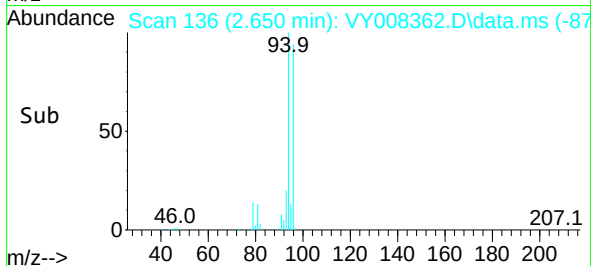
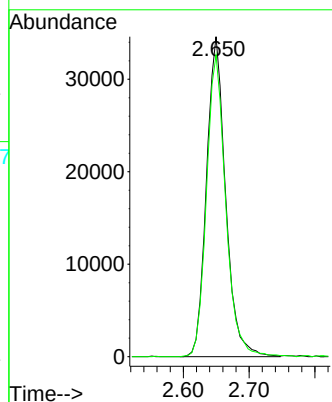
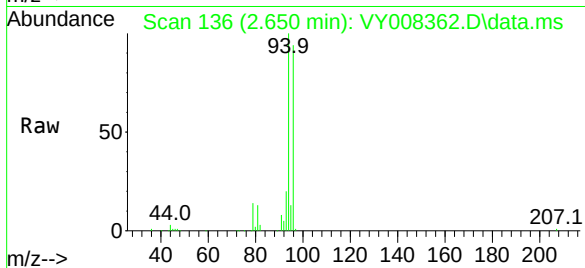




#5
Bromomethane
Concen: 55.043 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008362.D
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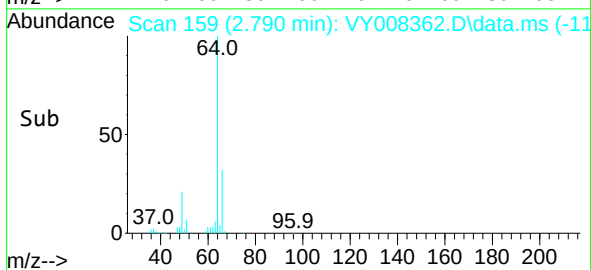
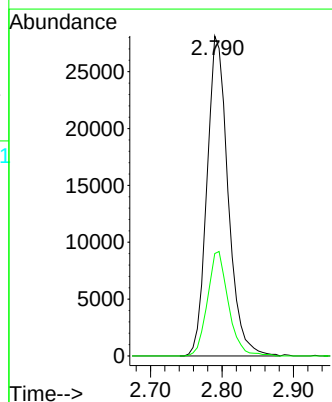
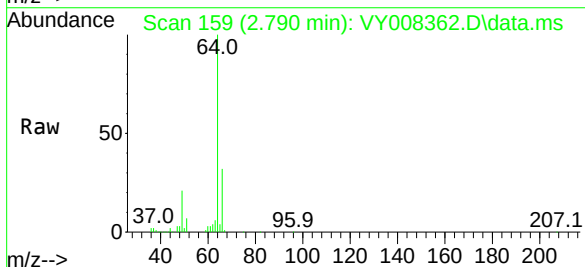
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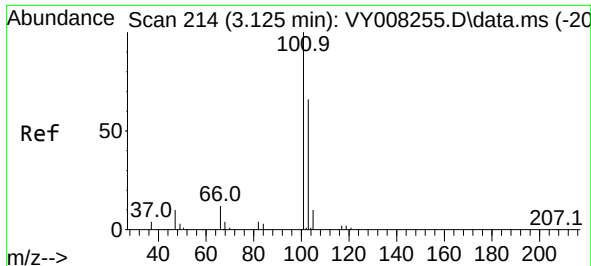
Tgt Ion: 94 Resp: 69985
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3



#6
Chloroethane
Concen: 49.880 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008362.D
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Tgt Ion: 64 Resp: 57671
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0

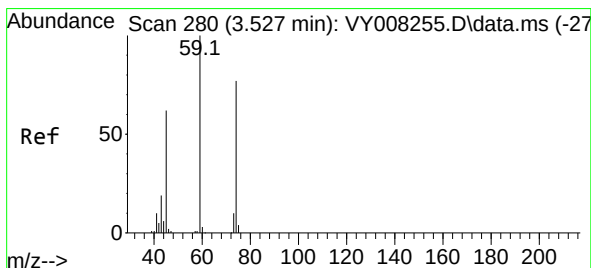
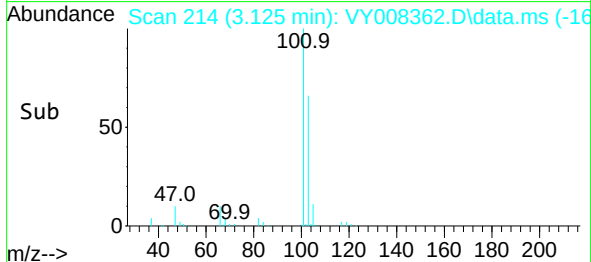
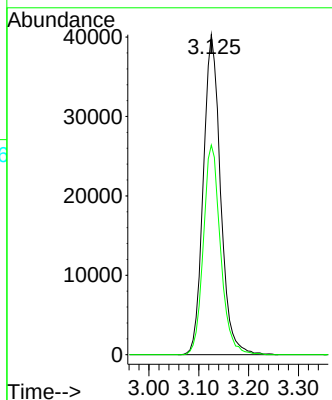
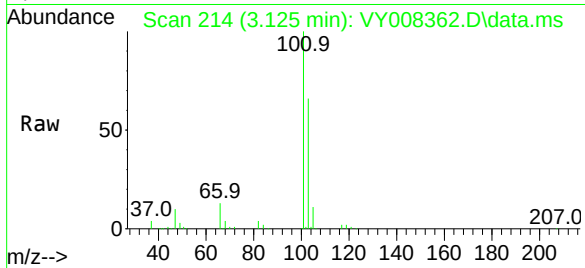




#7
 Trichlorofluoromethane
 Concen: 49.231 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

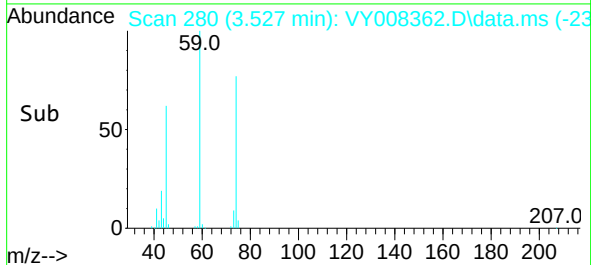
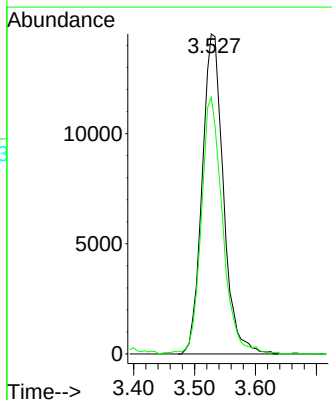
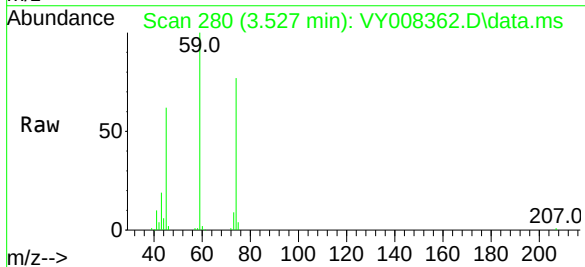
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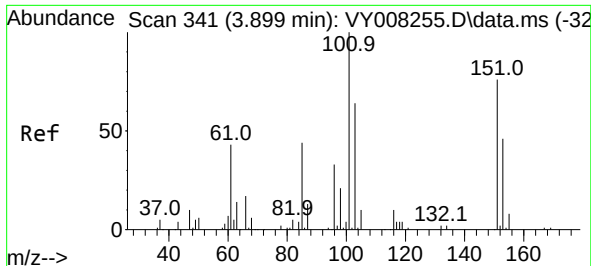
Tgt Ion:101 Resp: 96701
 Ion Ratio Lower Upper
 101 100
 103 65.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 49.545 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008362.D
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Tgt Ion: 74 Resp: 35170
 Ion Ratio Lower Upper
 74 100
 45 80.7 55.1 165.5

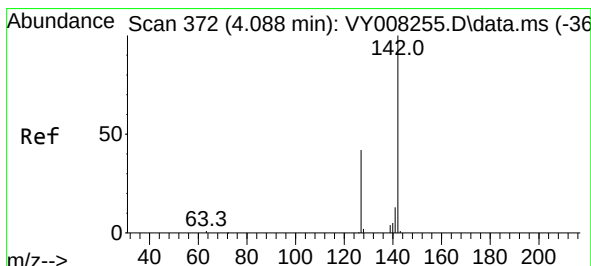
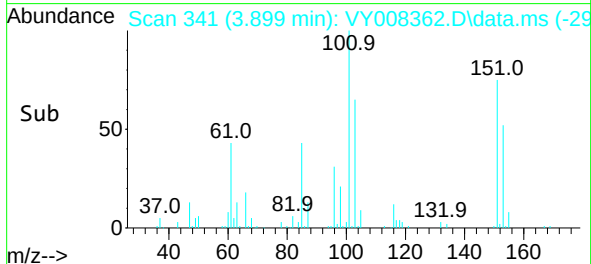
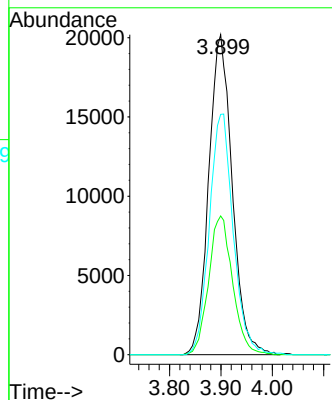
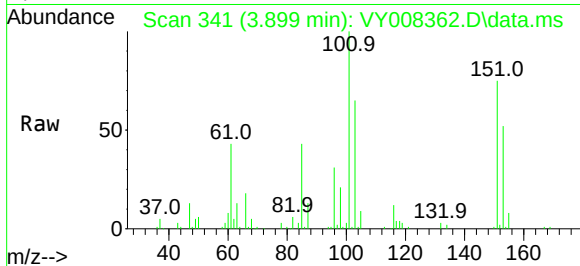




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.122 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

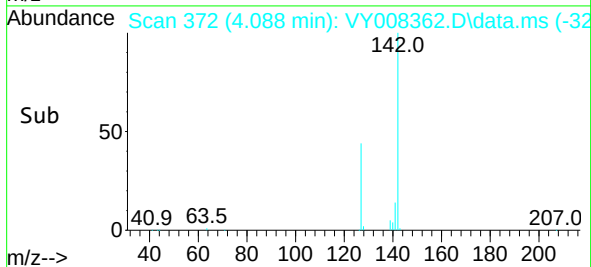
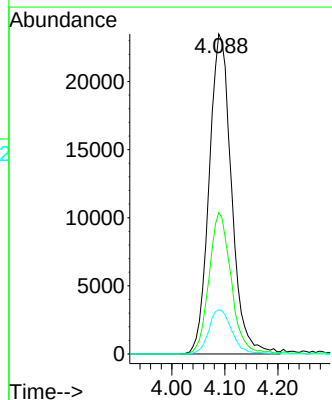
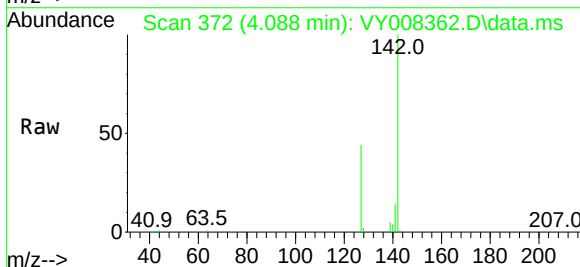
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

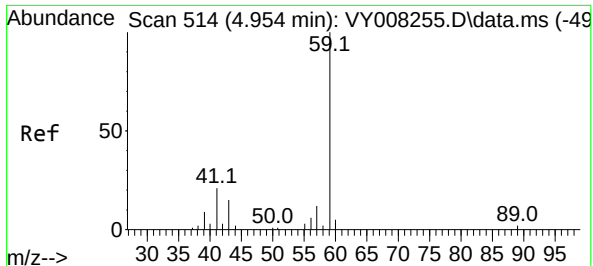
Tgt Ion:101 Resp: 63951
Ion Ratio Lower Upper
101 100
85 44.2 40.6 60.8
151 76.7 64.9 97.3



#10
Methyl Iodide
Concen: 48.326 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion:142 Resp: 68786
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.2 11.9 17.9

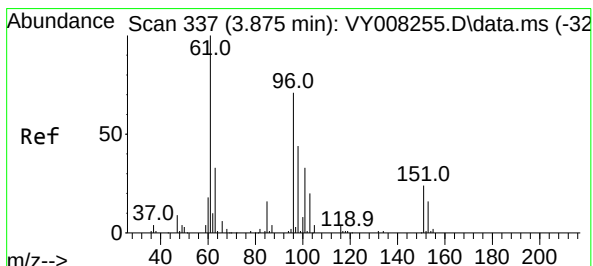
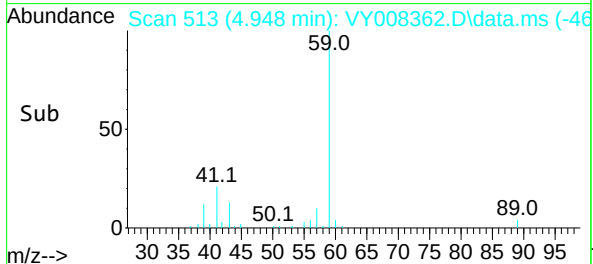
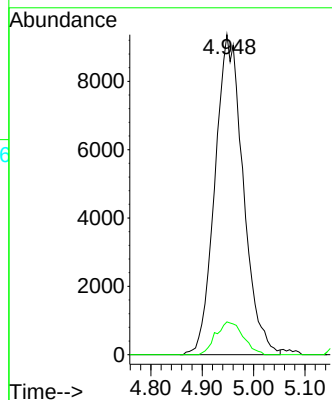
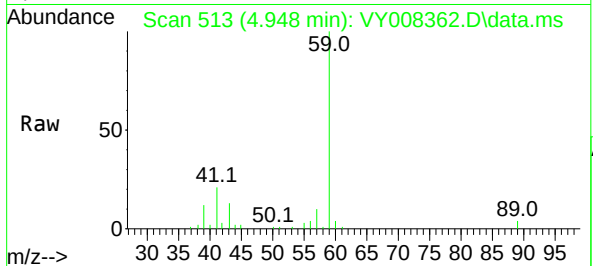




#11
Tert butyl alcohol
Concen: 306.890 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

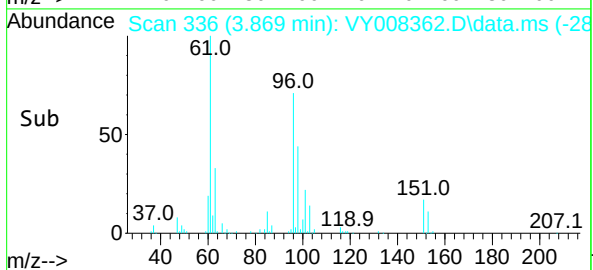
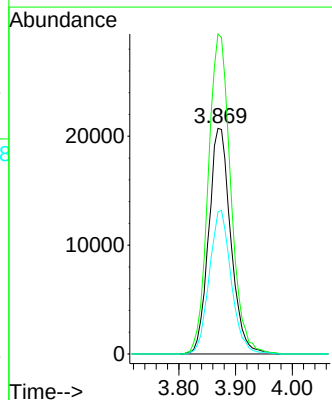
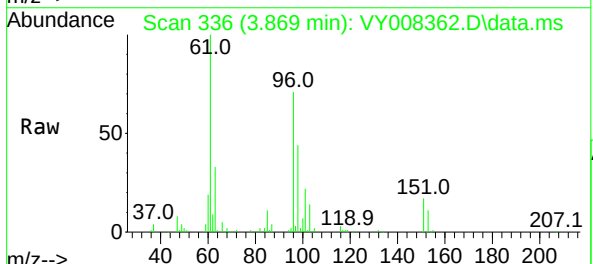
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

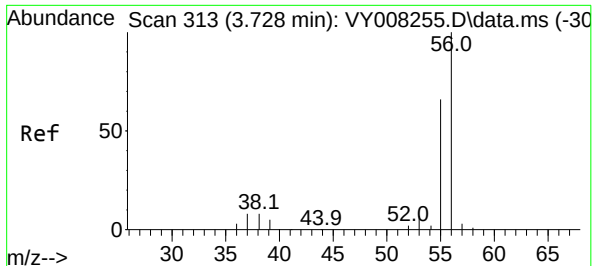
Tgt Ion: 59 Resp: 35710
Ion Ratio Lower Upper
59 100
57 9.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.863 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 96 Resp: 55845
Ion Ratio Lower Upper
96 100
61 141.8 145.8 218.6#
98 63.0 52.5 78.7

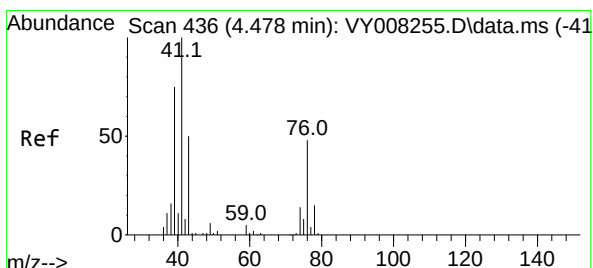
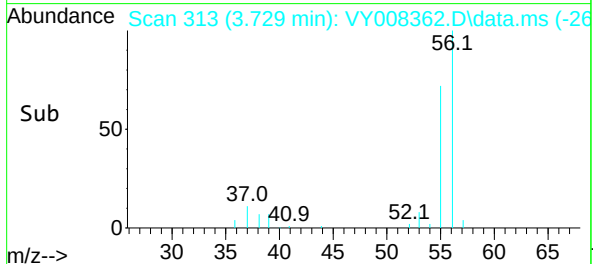
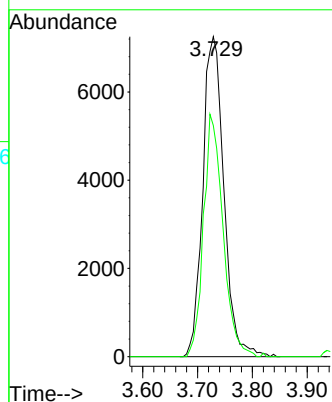
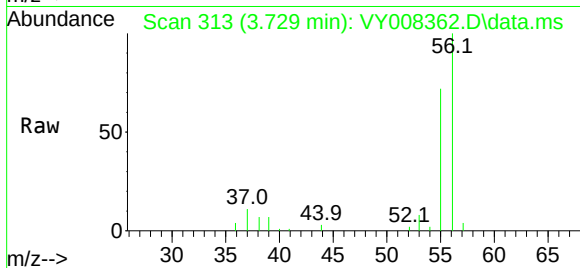




#13
Acrolein
Concen: 211.424 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

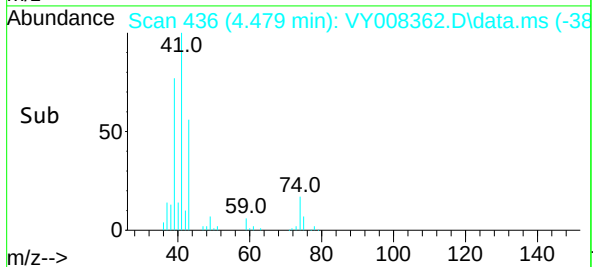
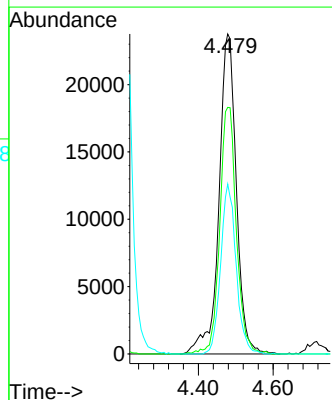
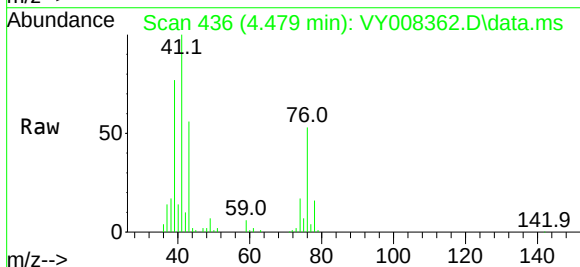
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

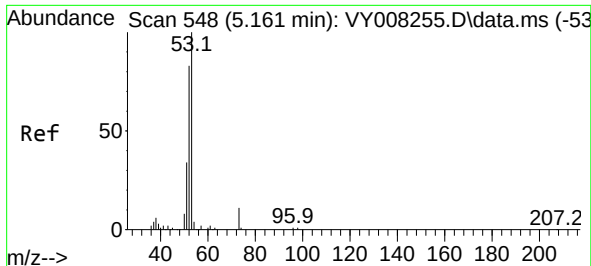
Tgt Ion: 56 Resp: 19371
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4



#14
Allyl chloride
Concen: 51.504 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 41 Resp: 76822
Ion Ratio Lower Upper
41 100
39 73.6 58.8 88.2
76 47.2 25.1 37.7#

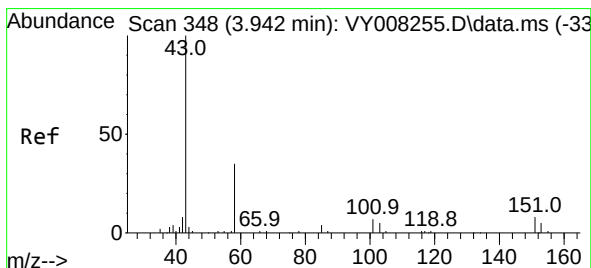
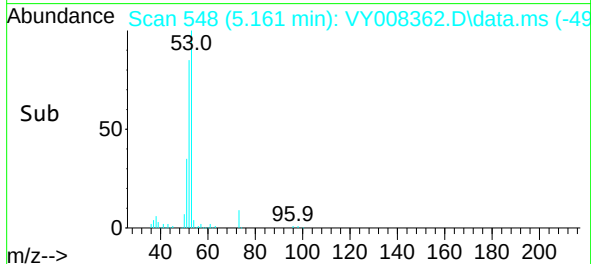
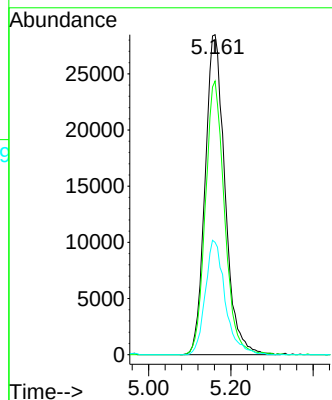
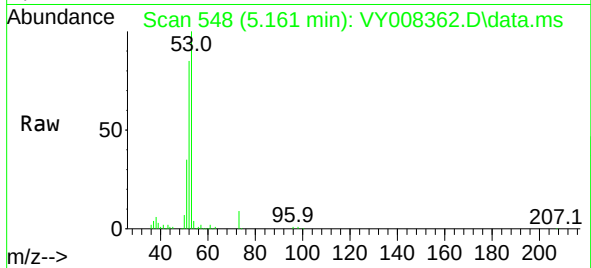




#15
Acrylonitrile
Concen: 275.379 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

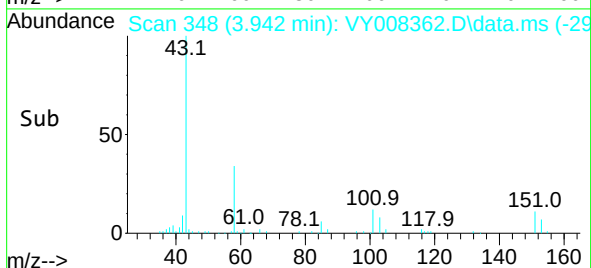
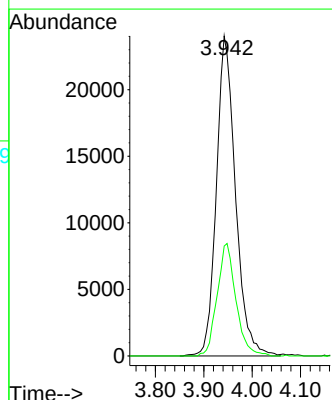
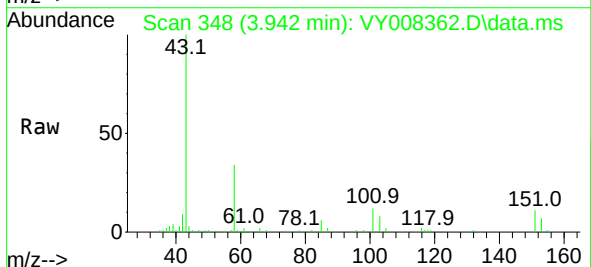
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

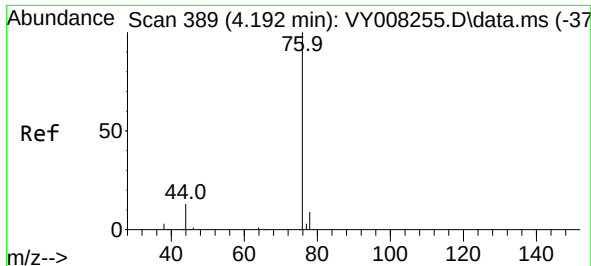
Tgt Ion: 53 Resp: 95610
Ion Ratio Lower Upper
53 100
52 82.5 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 251.899 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 43 Resp: 65945
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#

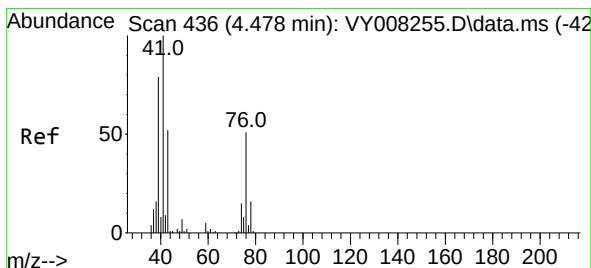
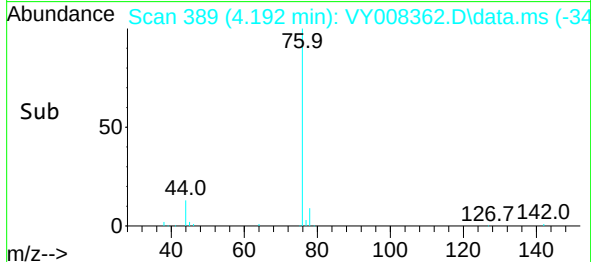
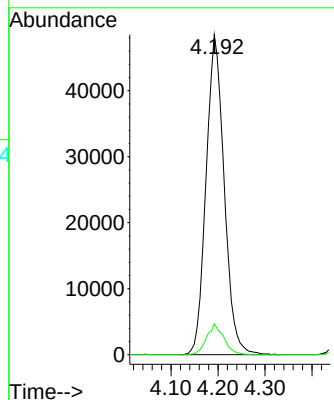
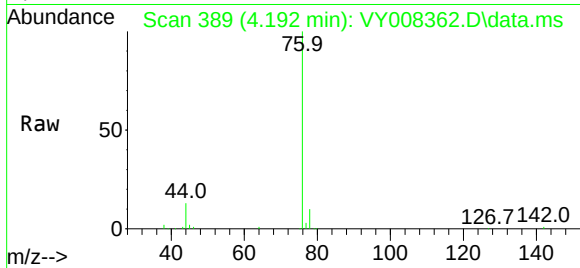




#17
Carbon Disulfide
Concen: 42.949 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

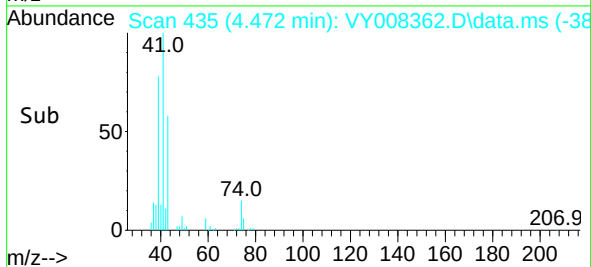
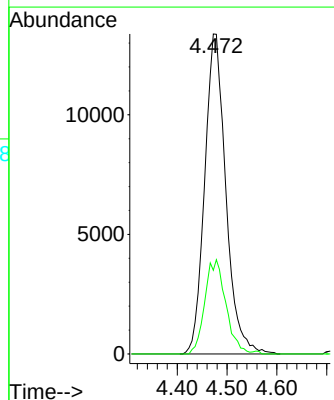
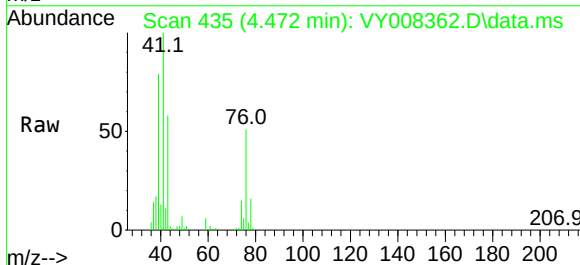
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

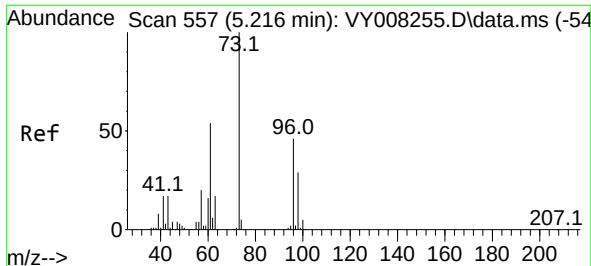
Tgt Ion: 76 Resp: 129494
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 64.154 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 43 Resp: 39490
Ion Ratio Lower Upper
43 100
74 29.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 54.356 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

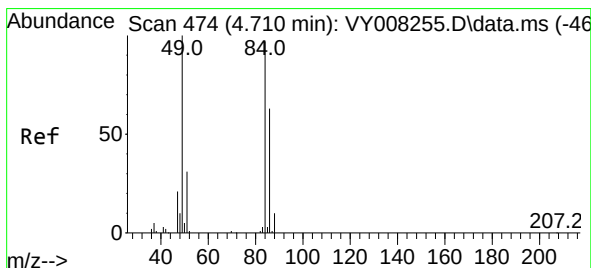
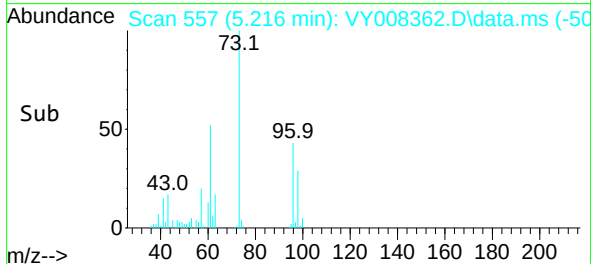
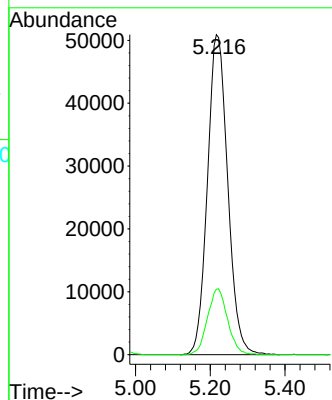
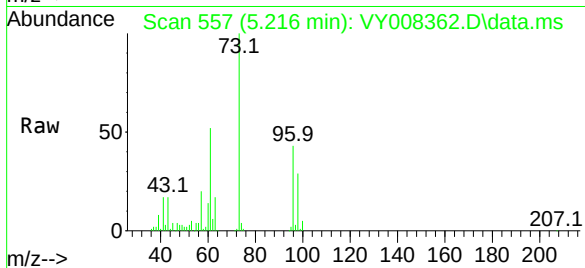
VSTDCCC050EC

Tgt Ion: 73 Resp: 191714

Ion Ratio Lower Upper

73 100

57 20.5 18.6 27.8



#20

Methylene Chloride

Concen: 61.557 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Tgt Ion: 84 Resp: 82658

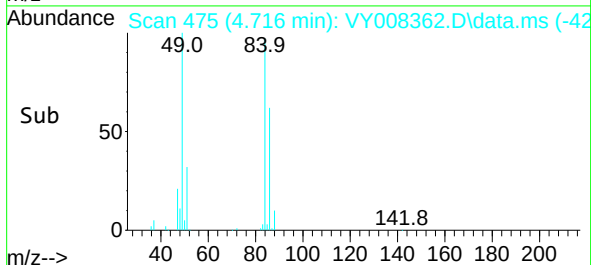
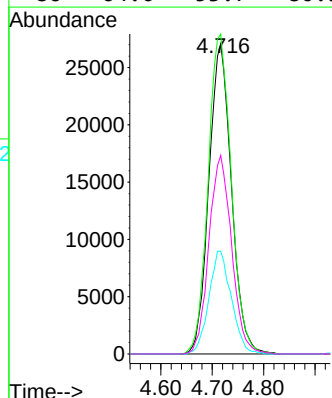
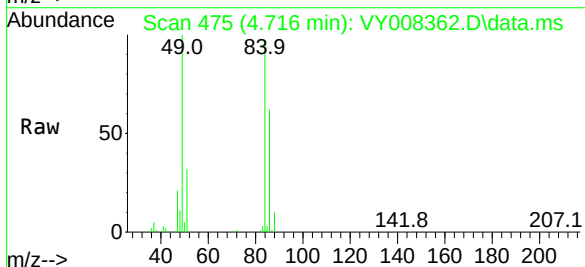
Ion Ratio Lower Upper

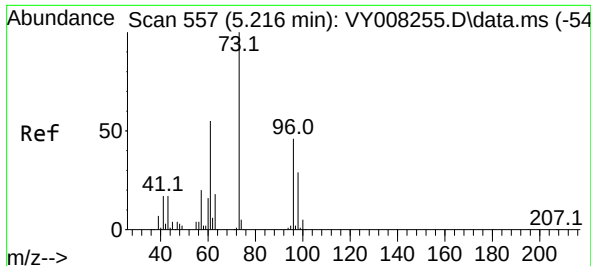
84 100

49 103.2 114.4 171.6#

51 33.2 35.3 52.9#

86 64.0 53.7 80.5

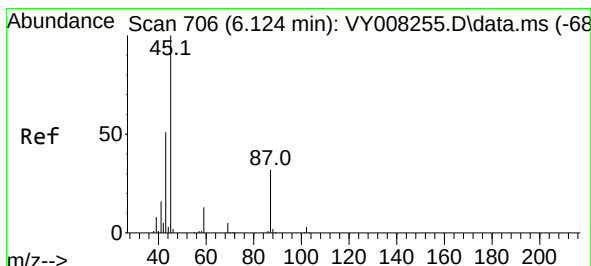
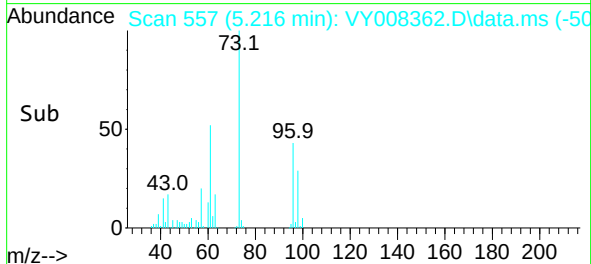
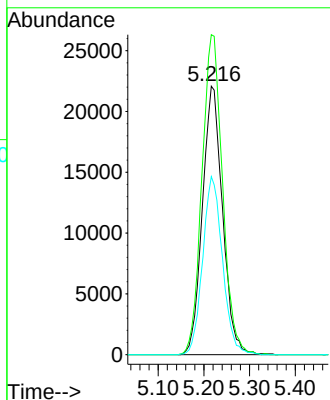
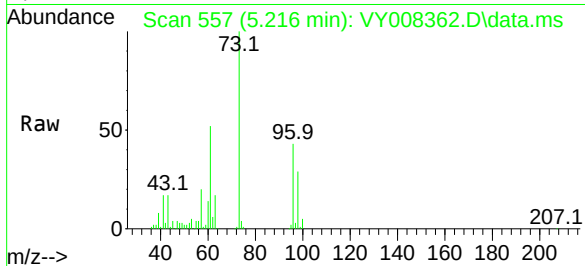




#21
trans-1,2-Dichloroethene
Concen: 49.361 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

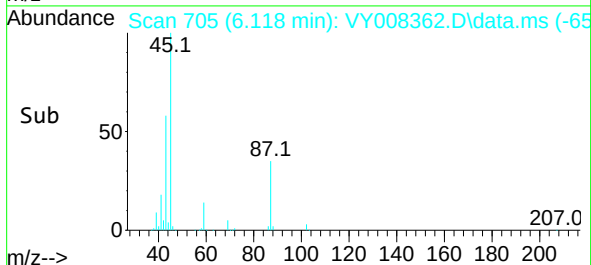
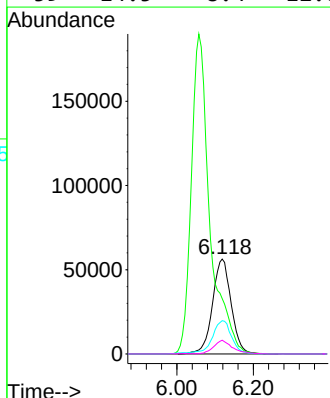
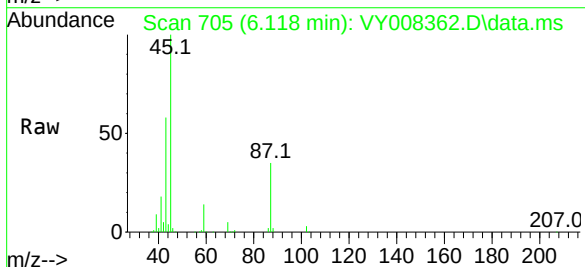
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

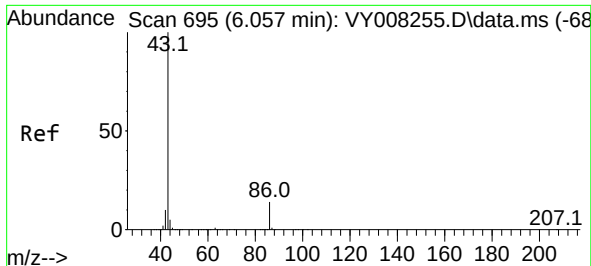
Tgt Ion: 96 Resp: 67592
Ion Ratio Lower Upper
96 100
61 119.2 120.5 180.7#
98 66.3 49.8 74.8



#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 45 Resp: 190983
Ion Ratio Lower Upper
45 100
43 58.2 49.3 73.9
87 35.1 19.2 28.8#
59 14.5 8.4 12.6#

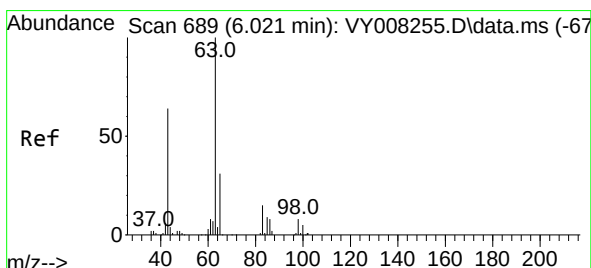
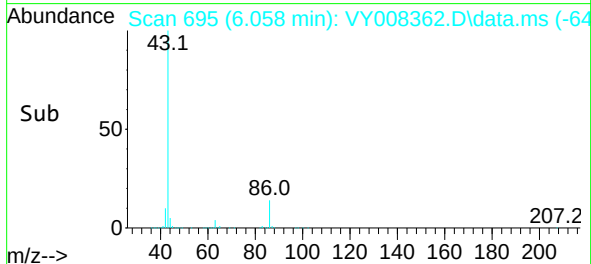
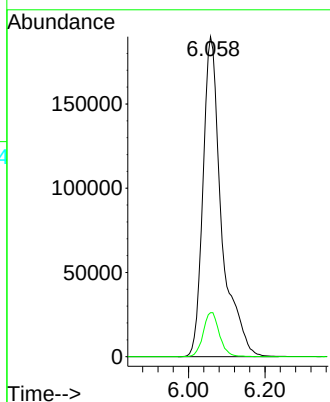
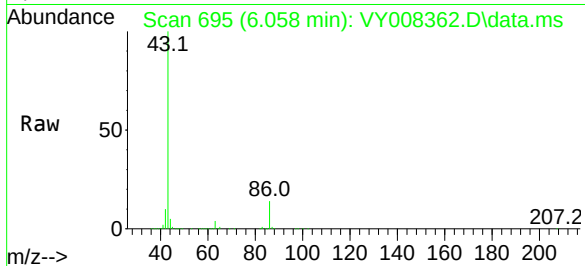




#23
 Vinyl Acetate
 Concen: 280.672 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

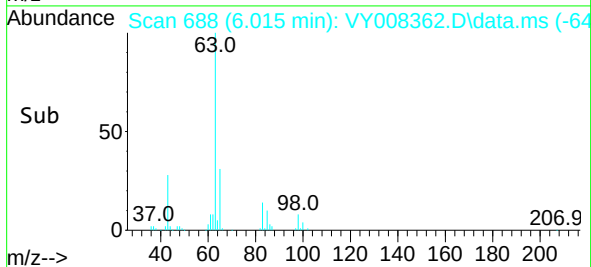
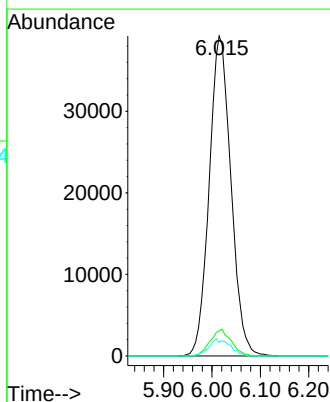
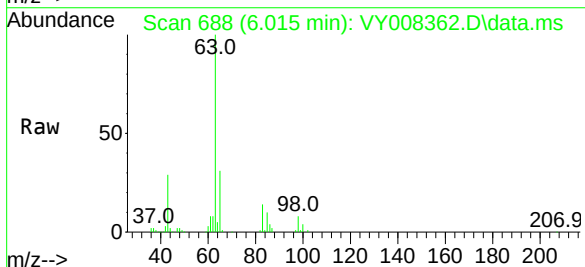
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

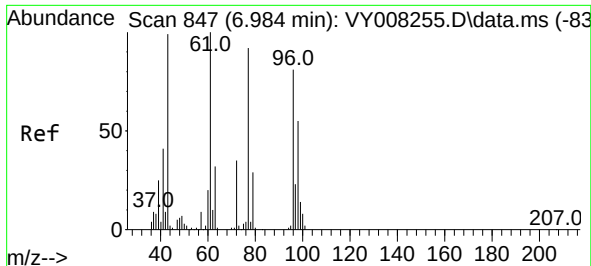
Tgt Ion: 43 Resp: 639983
 Ion Ratio Lower Upper
 43 100
 86 13.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.268 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Tgt Ion: 63 Resp: 122585
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 286.549 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

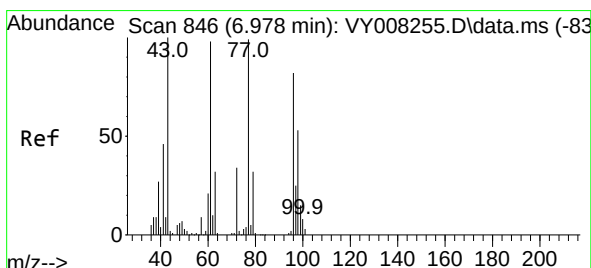
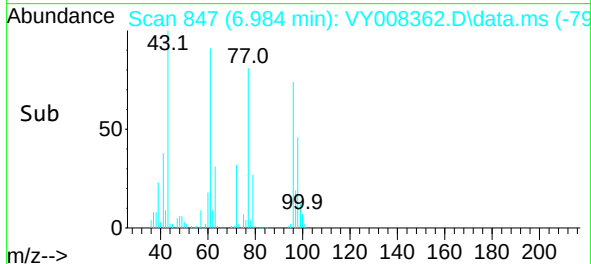
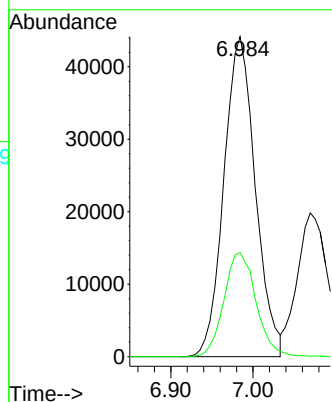
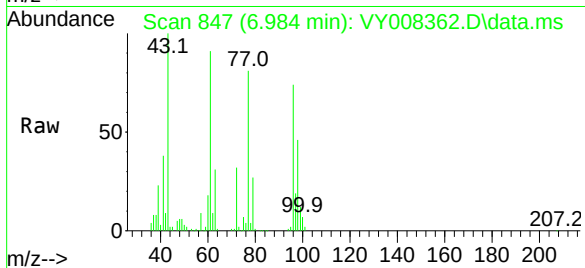
VSTDCCC050EC

Tgt Ion: 43 Resp: 117300

Ion Ratio Lower Upper

43 100

72 32.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 53.399 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008362.D

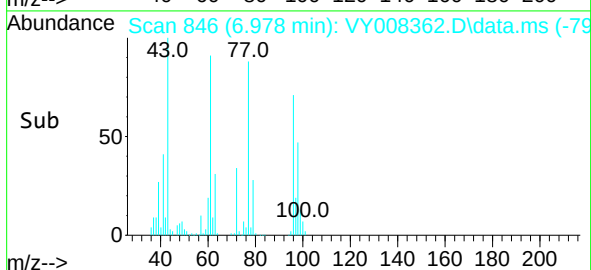
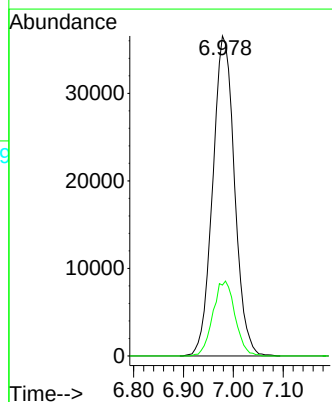
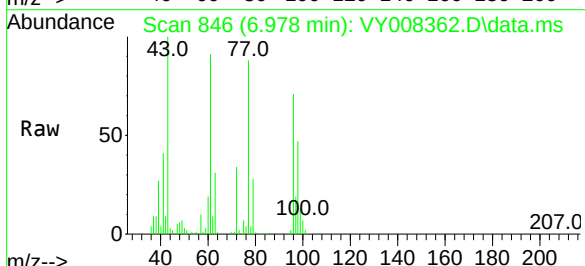
Acq: 15 Apr 2022 19:31

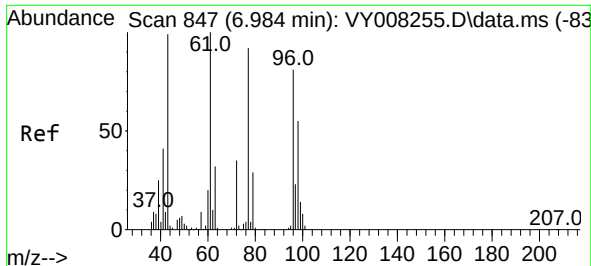
Tgt Ion: 77 Resp: 111080

Ion Ratio Lower Upper

77 100

97 23.7 10.4 31.4



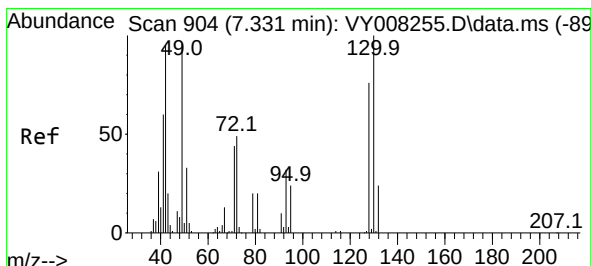
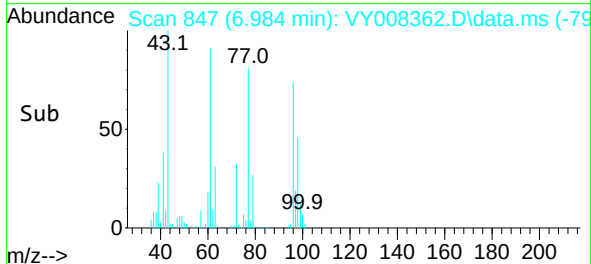
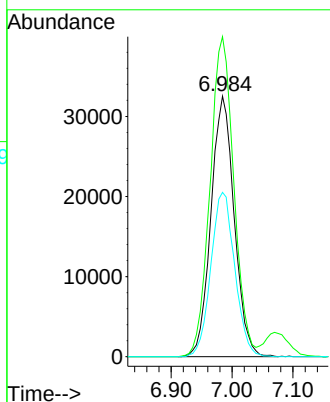
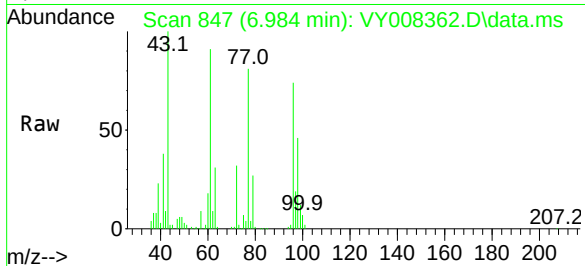


#27
 cis-1,2-Dichloroethene
 Concen: 53.058 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 86203

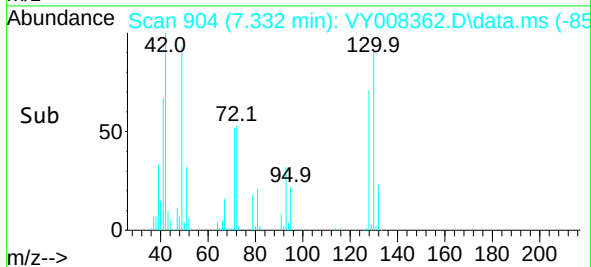
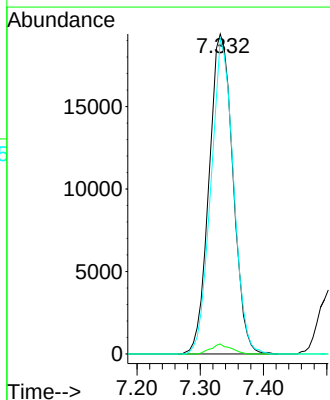
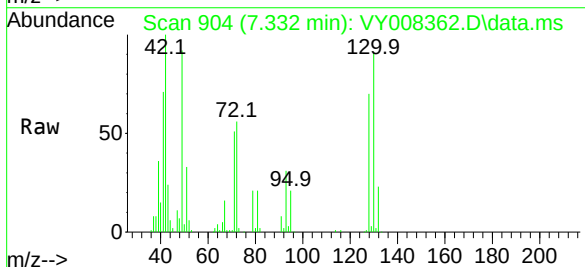
Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	319.8
98	64.9	0.0	127.0

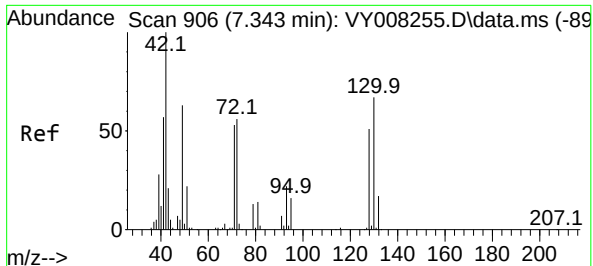


#28
 Bromochloromethane
 Concen: 58.802 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Tgt Ion: 49 Resp: 50912

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.2#
130	92.8	55.4	83.0#





#29

Tetrahydrofuran

Concen: 291.068 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

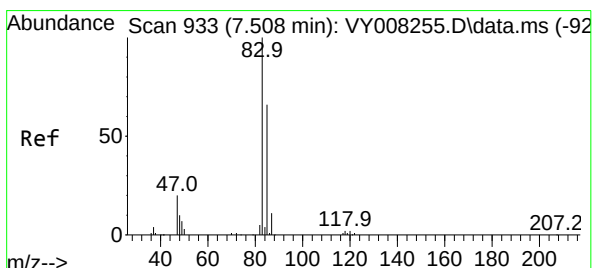
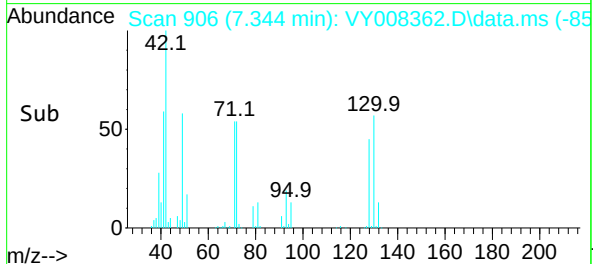
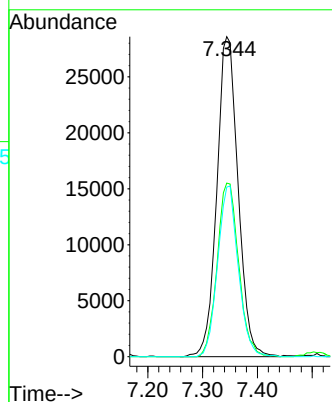
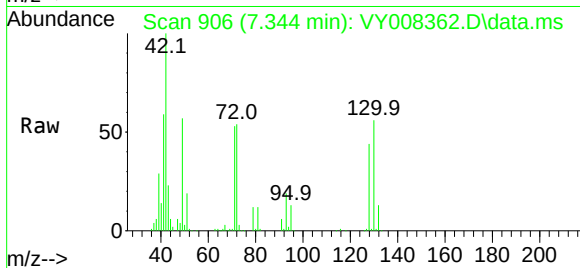
Tgt Ion: 42 Resp: 76927

Ion Ratio Lower Upper

42 100

72 55.0 30.3 45.5#

71 51.7 29.0 43.4#



#30

Chloroform

Concen: 54.551 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008362.D

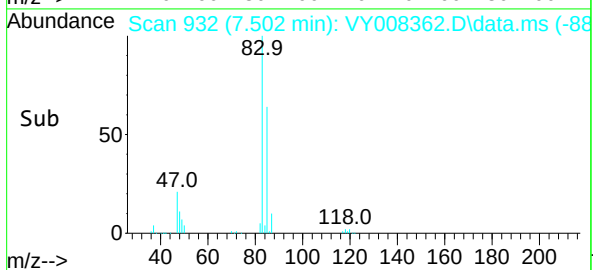
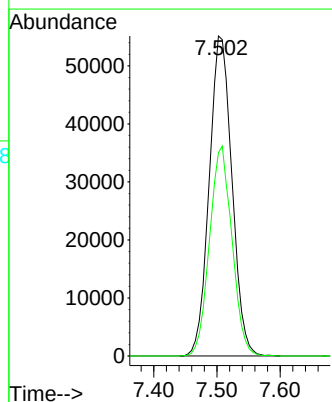
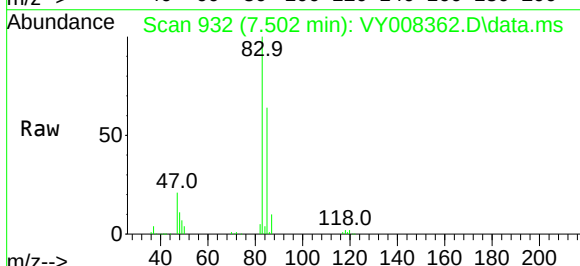
Acq: 15 Apr 2022 19:31

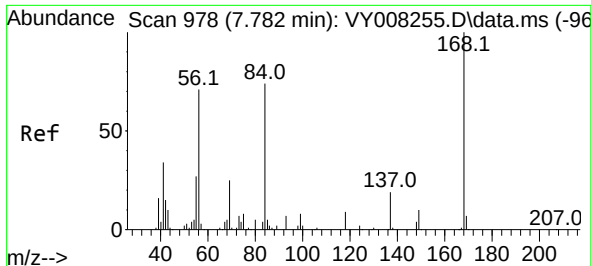
Tgt Ion: 83 Resp: 137595

Ion Ratio Lower Upper

83 100

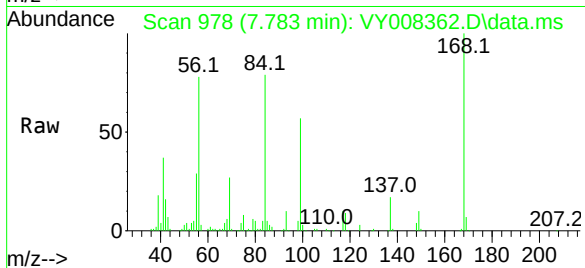
85 63.5 51.8 77.6



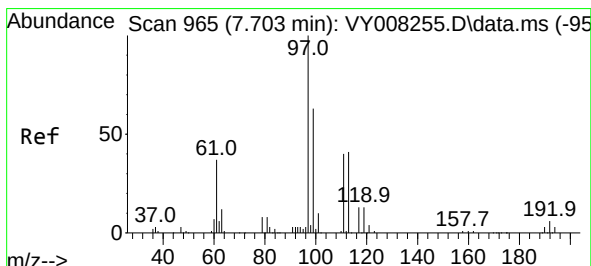
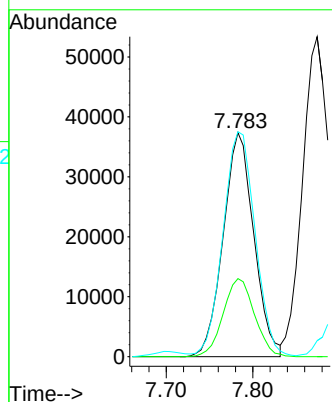
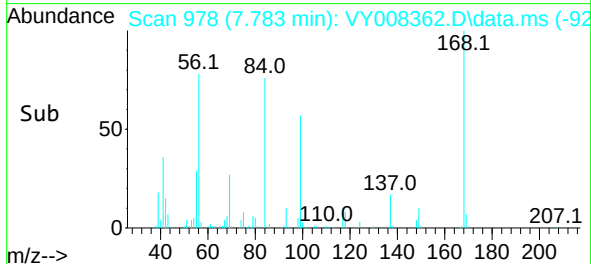


#31
Cyclohexane
Concen: 46.645 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

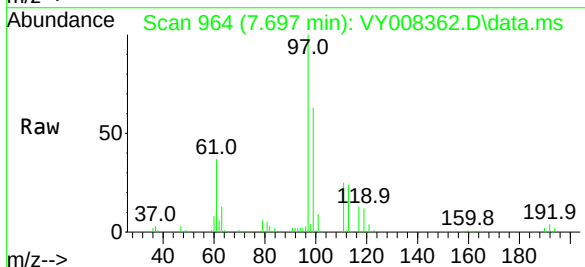
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



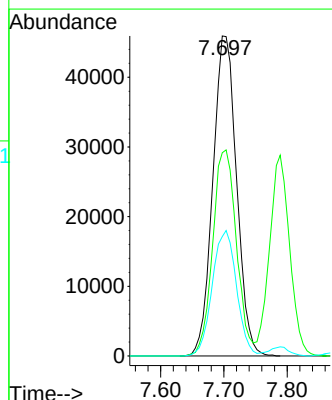
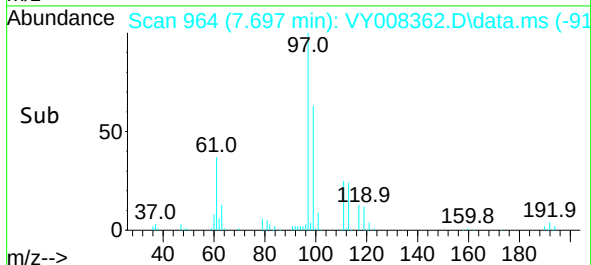
Tgt Ion: 56 Resp: 91806
Ion Ratio Lower Upper
56 100
69 34.9 26.7 40.1
84 98.8 67.2 100.8

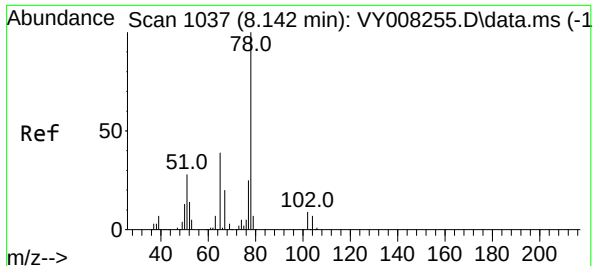


#32
1,1,1-Trichloroethane
Concen: 54.226 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31



Tgt Ion: 97 Resp: 119647
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 40.0 37.6 56.4

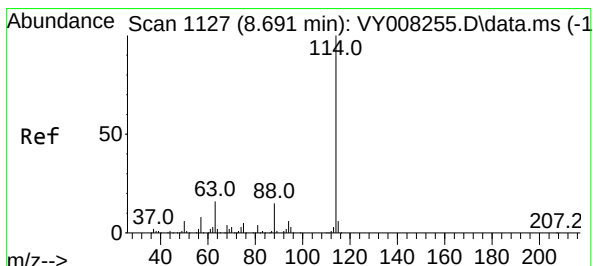
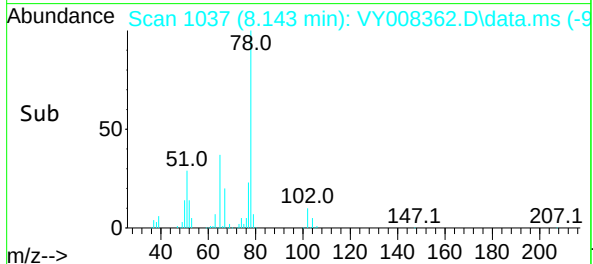
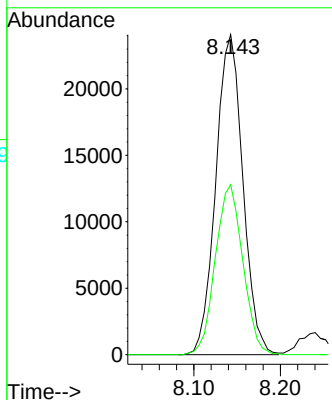
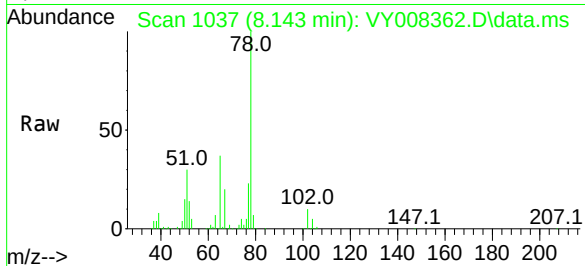




#33
1,2-Dichloroethane-d4
Concen: 48.127 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

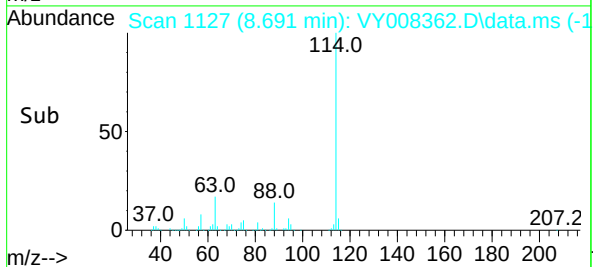
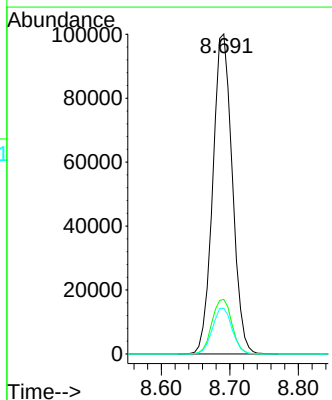
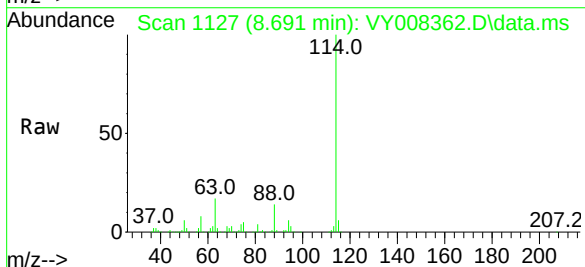
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

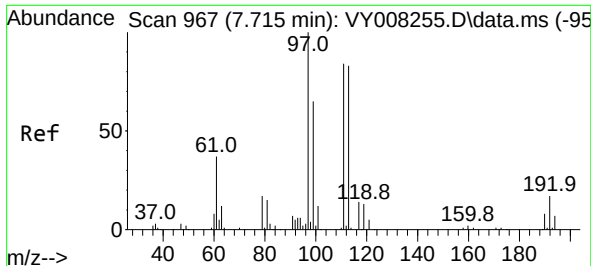
Tgt Ion: 65 Resp: 52382
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 114 Resp: 197533
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.3 0.0 31.8

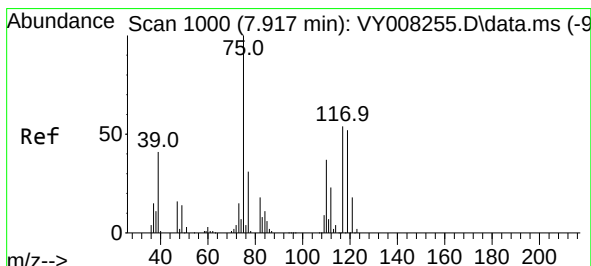
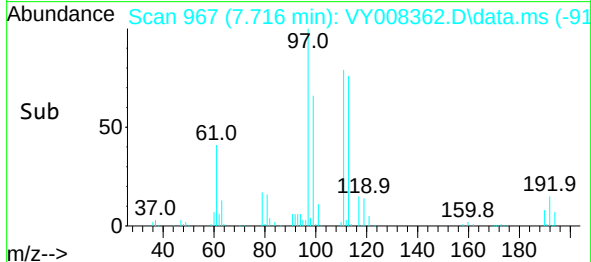
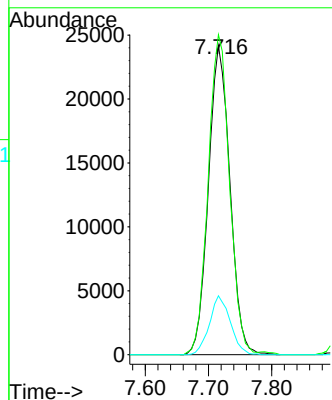
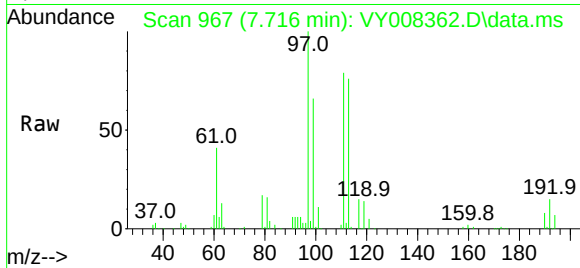




#35
Dibromofluoromethane
Concen: 50.129 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

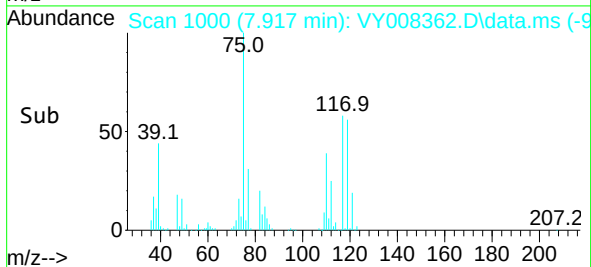
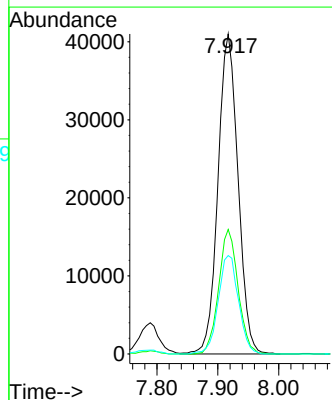
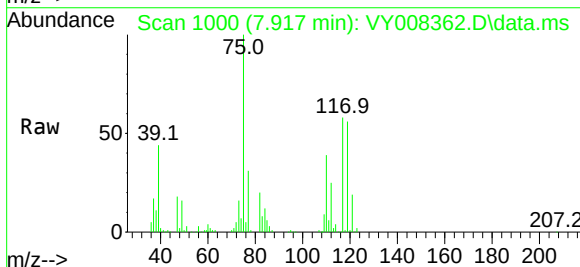
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

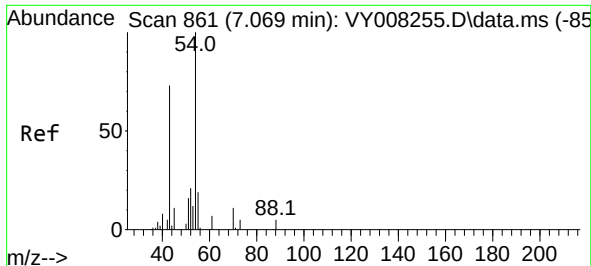
Tgt Ion:113 Resp: 57193
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.389 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 75 Resp: 93624
Ion Ratio Lower Upper
75 100
110 37.6 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 56.317 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

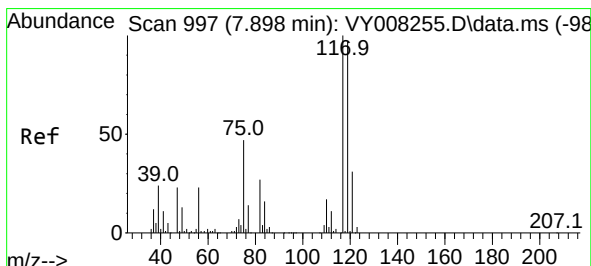
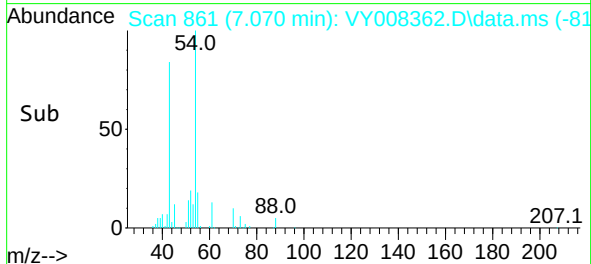
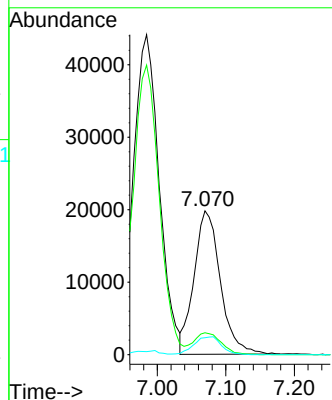
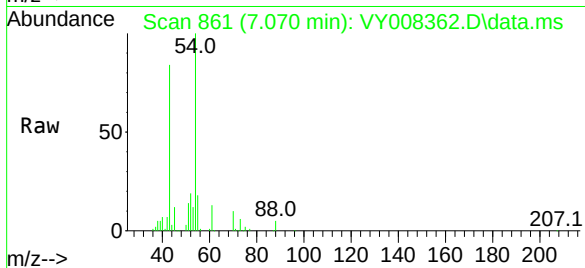
Tgt Ion: 43 Resp: 52905

Ion Ratio Lower Upper

43 100

61 16.1 9.7 14.5#

70 13.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.322 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

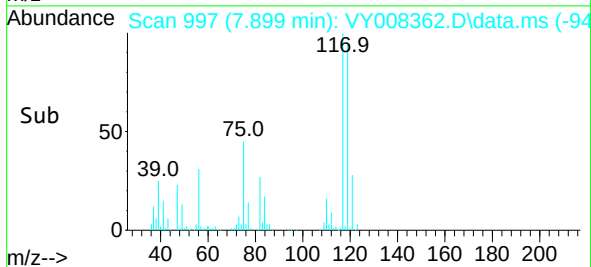
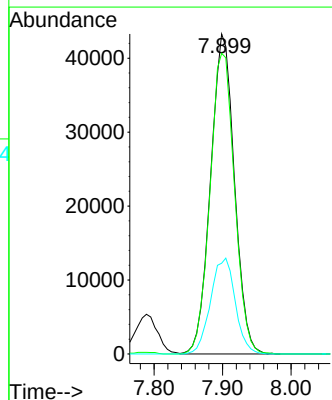
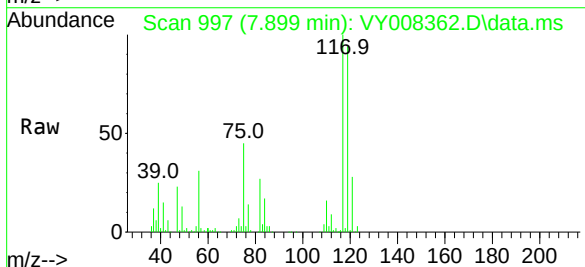
Tgt Ion: 117 Resp: 104511

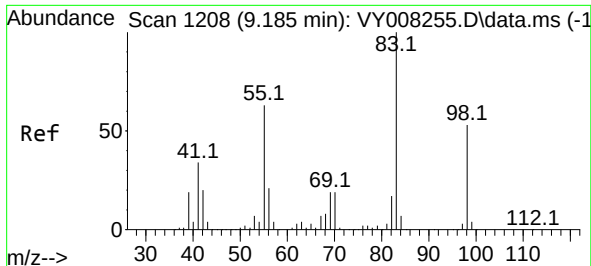
Ion Ratio Lower Upper

117 100

119 94.0 77.9 116.9

121 28.4 24.8 37.2





#39

Methylcyclohexane

Concen: 49.031 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

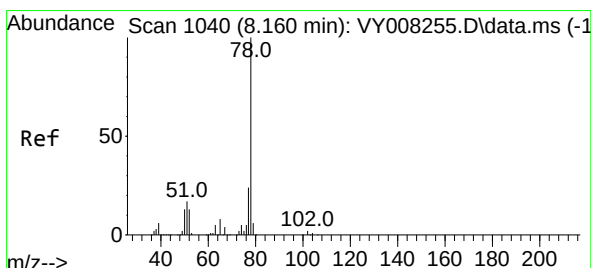
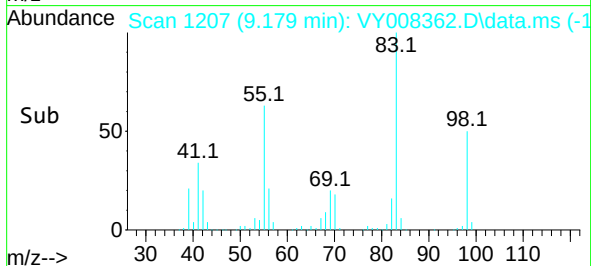
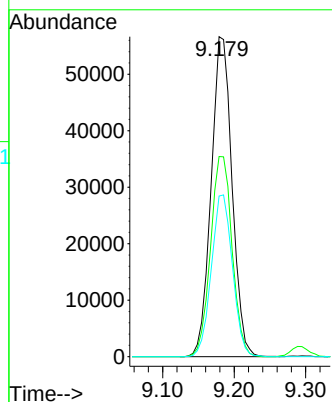
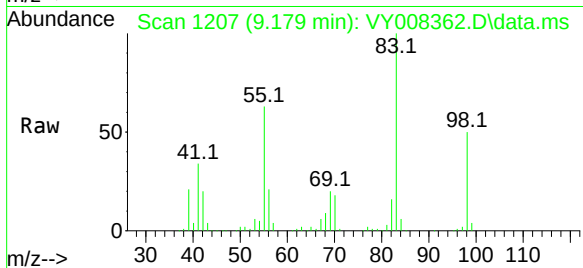
Tgt Ion: 83 Resp: 114935

Ion Ratio Lower Upper

83 100

55 62.5 66.5 99.7#

98 50.2 37.9 56.9



#40

Benzene

Concen: 52.463 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008362.D

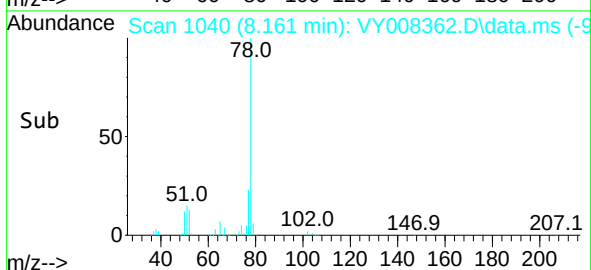
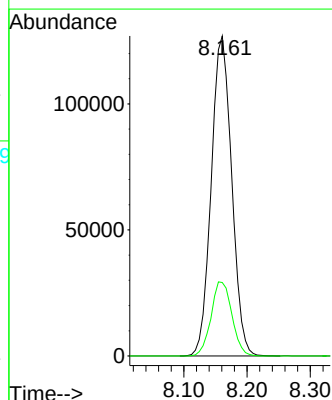
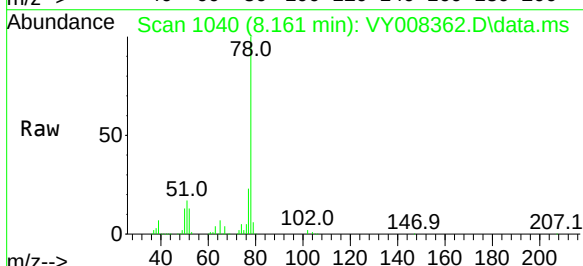
Acq: 15 Apr 2022 19:31

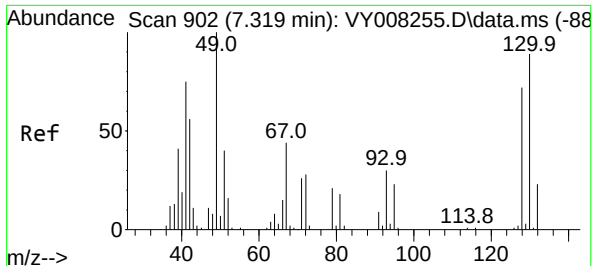
Tgt Ion: 78 Resp: 284627

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

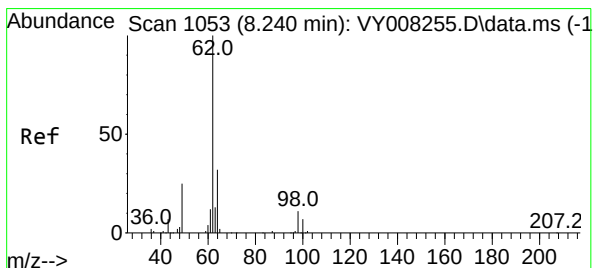
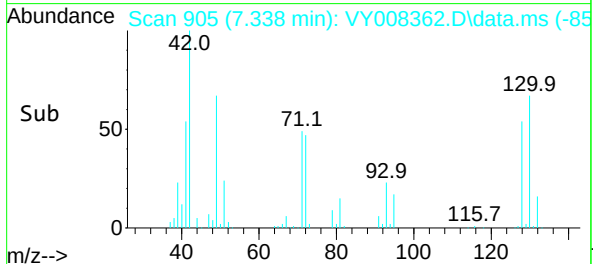
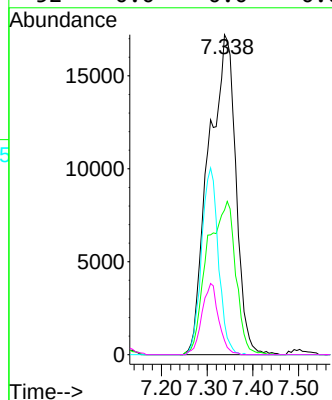
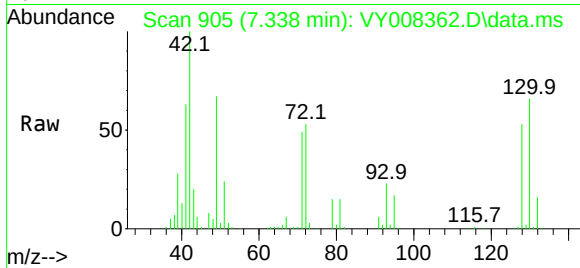




#41
Methacrylonitrile
Concen: 135.298 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

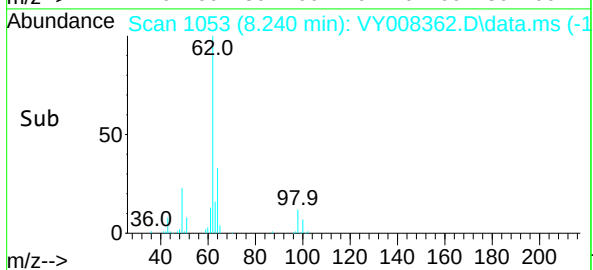
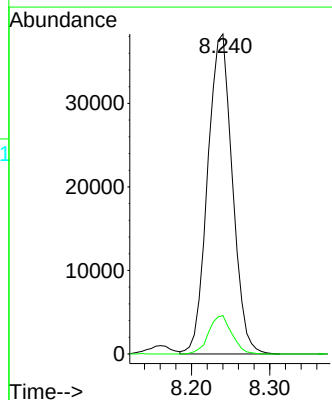
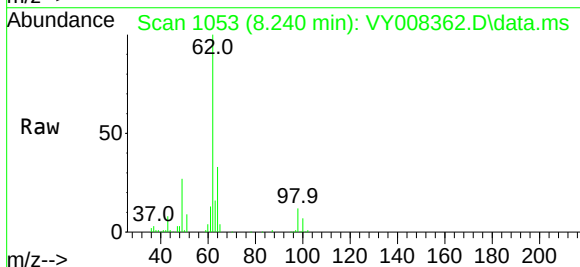
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

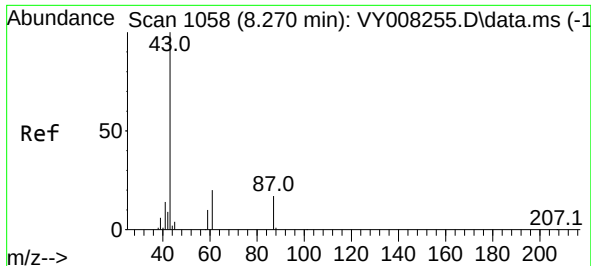
Tgt Ion: 41 Resp: 71105
Ion Ratio Lower Upper
41 100
39 50.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.389 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 62 Resp: 84033
Ion Ratio Lower Upper
62 100
98 11.2 0.0 14.8

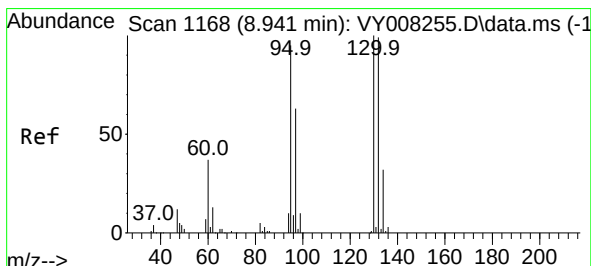
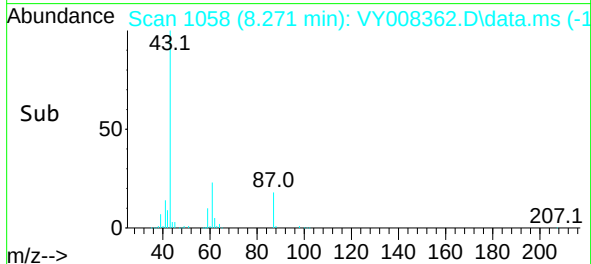
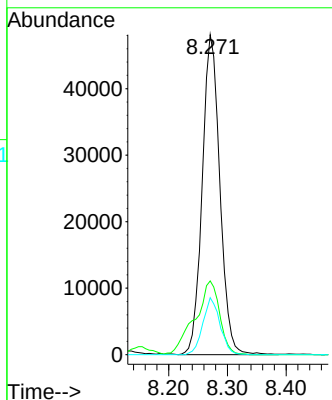
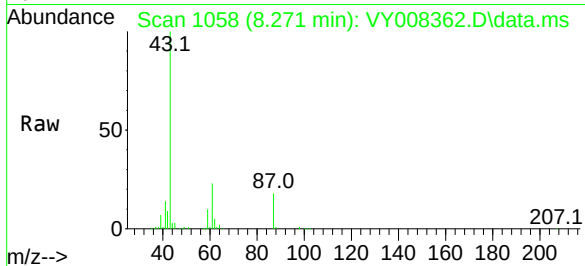




#43
Isopropyl Acetate
Concen: 57.614 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

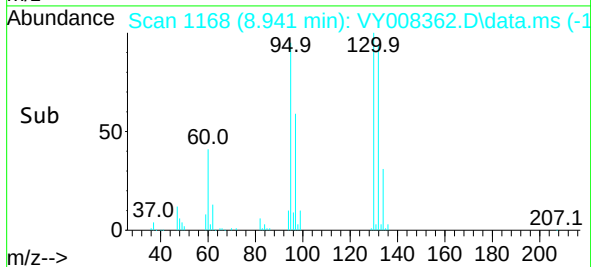
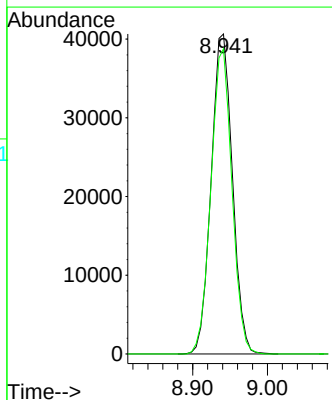
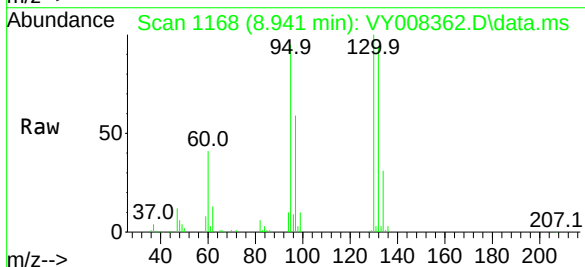
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

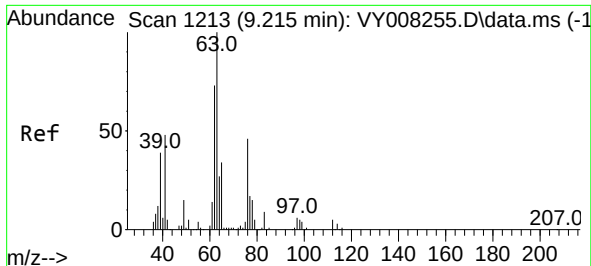
Tgt Ion: 43 Resp: 100448
Ion Ratio Lower Upper
43 100
61 32.2 20.2 30.2#
87 17.3 8.9 13.3#



#44
Trichloroethene
Concen: 51.922 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion:130 Resp: 80280
Ion Ratio Lower Upper
130 100
95 95.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.993 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

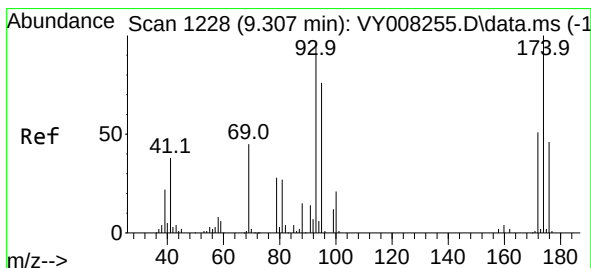
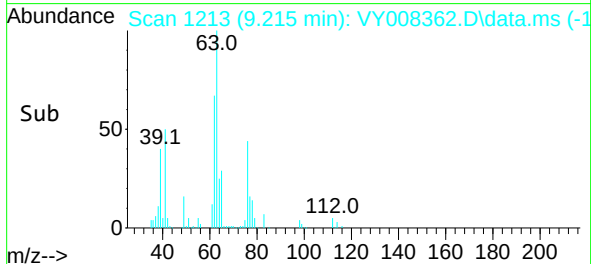
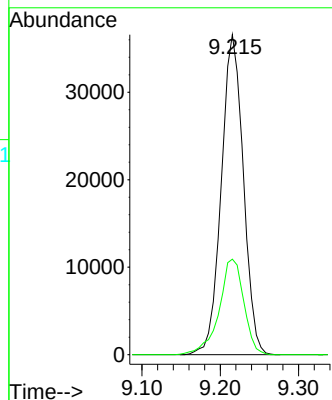
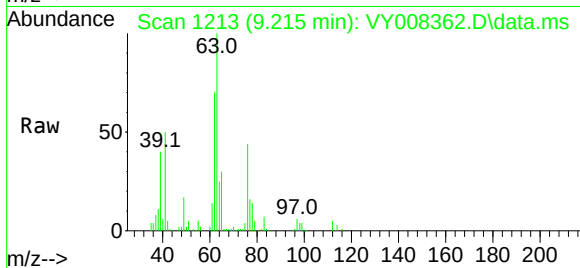
VSTDCCC050EC

Tgt Ion: 63 Resp: 71559

Ion Ratio Lower Upper

63 100

65 29.8 23.0 34.6



#46

Dibromomethane

Concen: 53.757 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

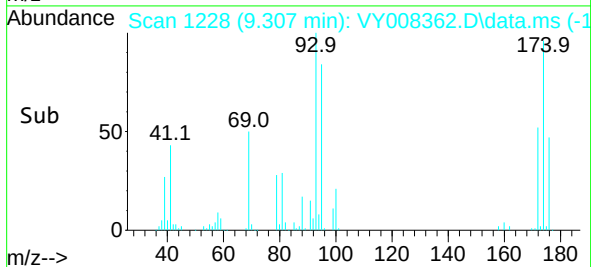
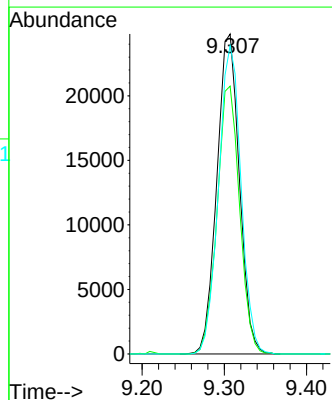
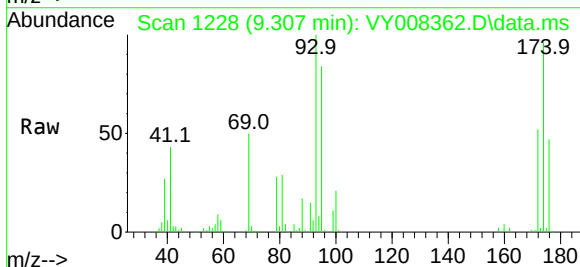
Tgt Ion: 93 Resp: 47155

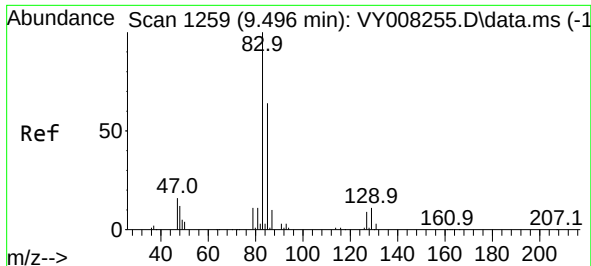
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 96.3 83.4 125.0

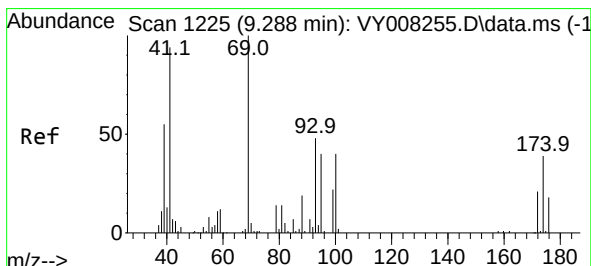
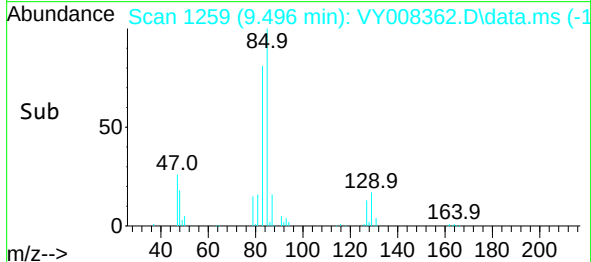
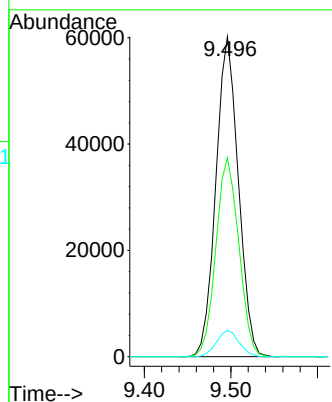
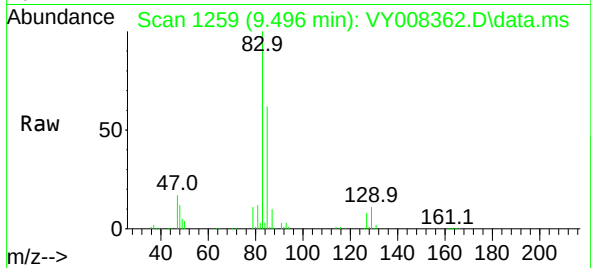




#47
Bromodichloromethane
Concen: 54.993 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

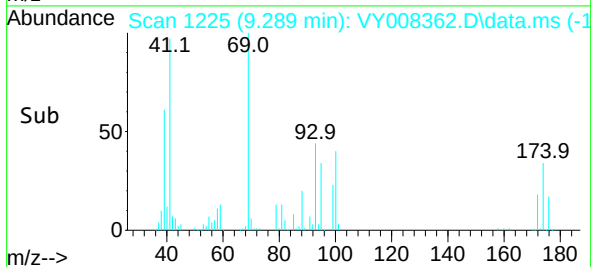
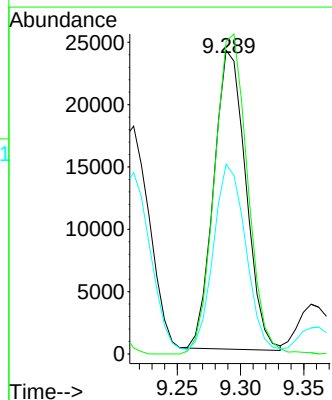
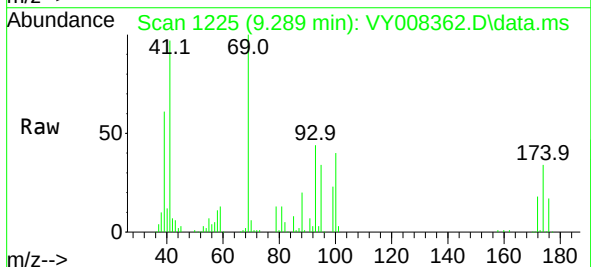
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

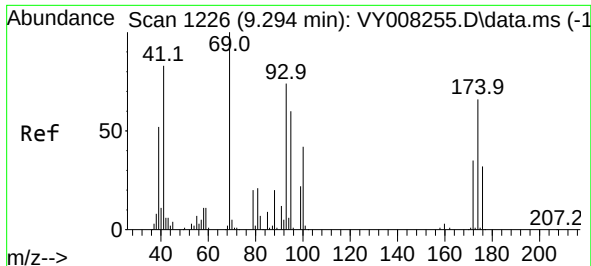
Tgt Ion: 83 Resp: 108487
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 57.042 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 41 Resp: 42277
Ion Ratio Lower Upper
41 100
69 110.5 58.2 87.2#
39 65.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1170.233 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

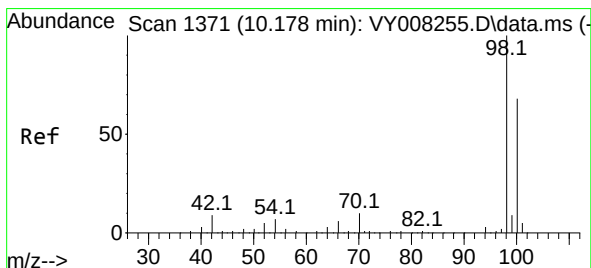
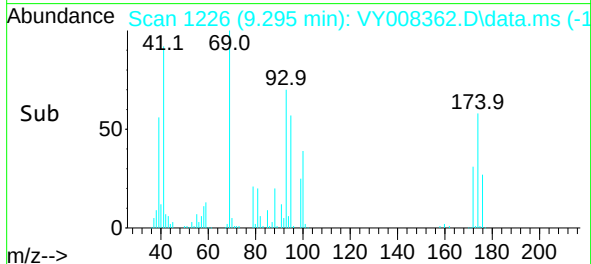
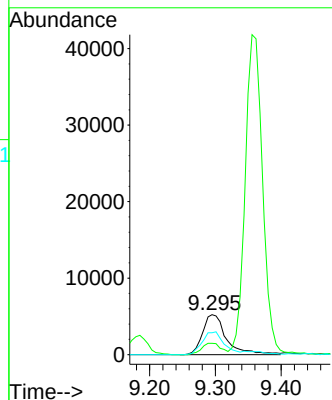
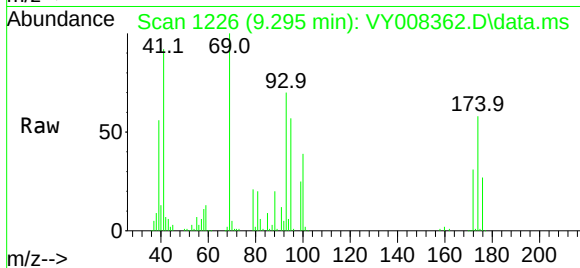
Tgt Ion: 88 Resp: 13247

Ion Ratio Lower Upper

88 100

43 23.7 32.8 49.2#

58 52.3 59.8 89.6#



#50

Toluene-d8

Concen: 49.649 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008362.D

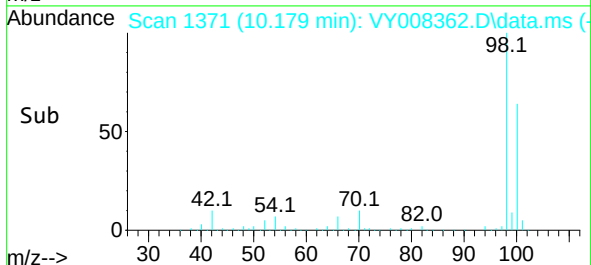
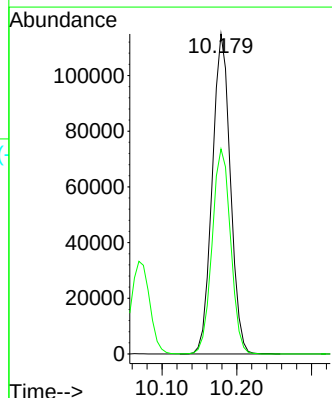
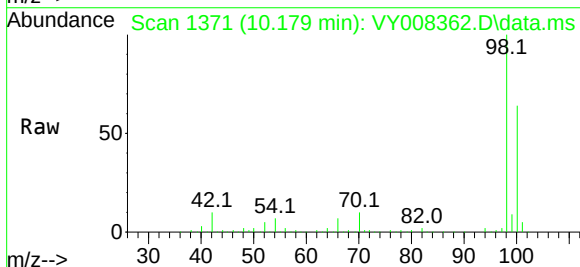
Acq: 15 Apr 2022 19:31

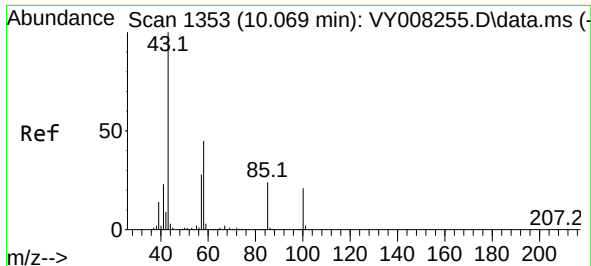
Tgt Ion: 98 Resp: 193830

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

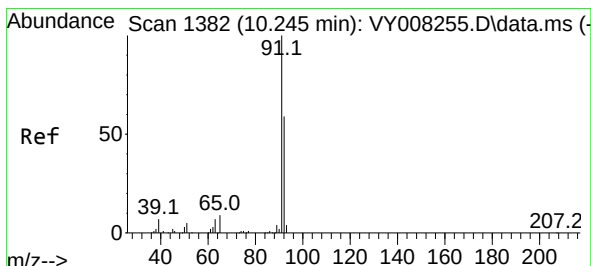
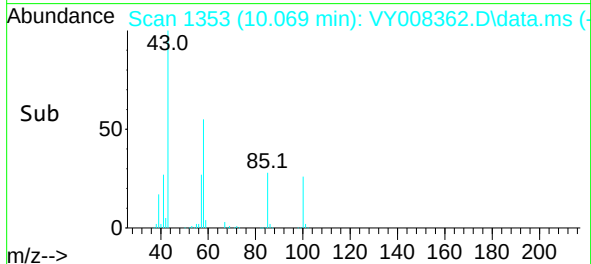
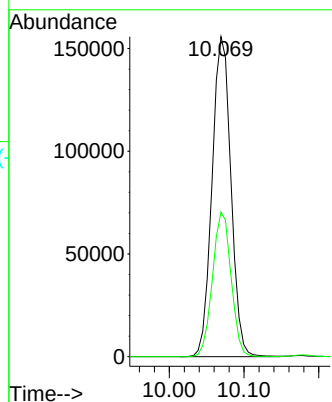
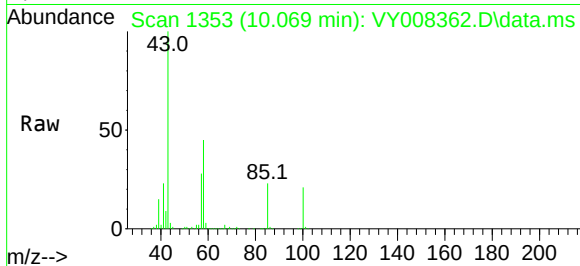




#51
4-Methyl-2-Pentanone
Concen: 304.169 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

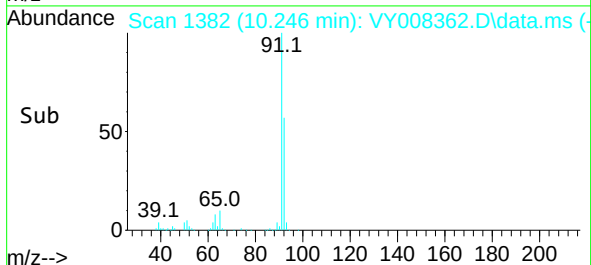
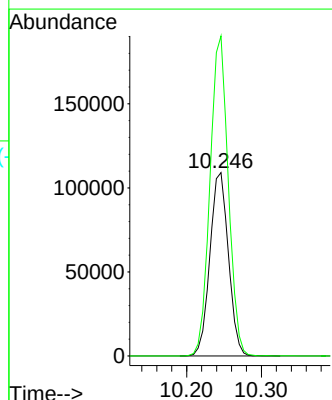
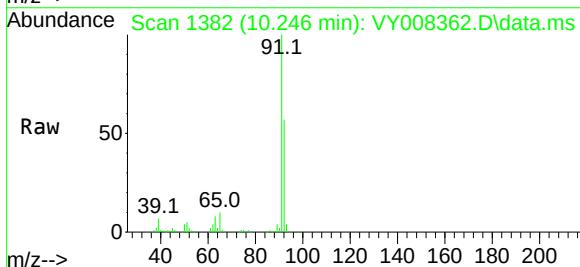
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

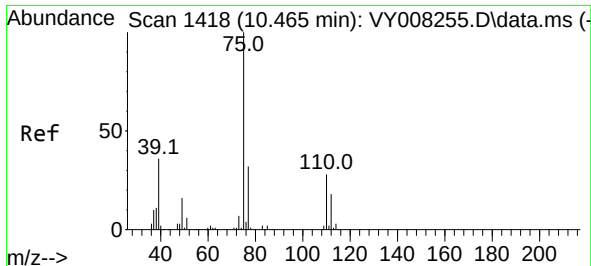
Tgt Ion: 43 Resp: 273832
Ion Ratio Lower Upper
43 100
58 44.6 28.1 42.1#



#52
Toluene
Concen: 52.398 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 92 Resp: 187296
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

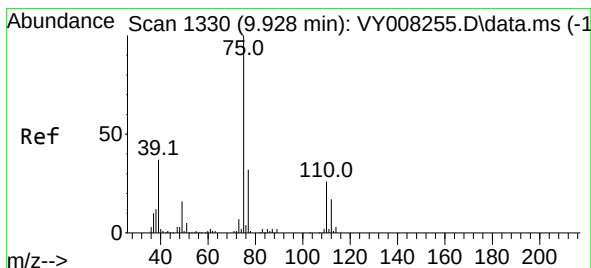
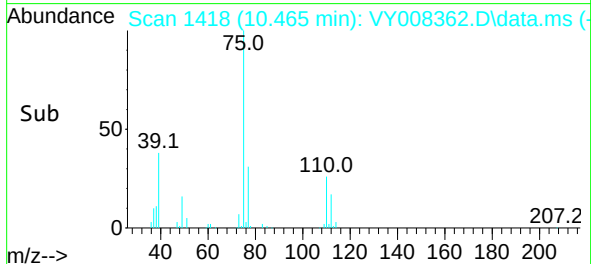
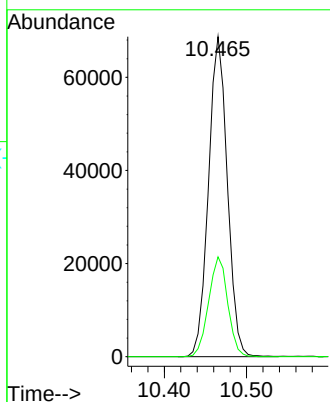
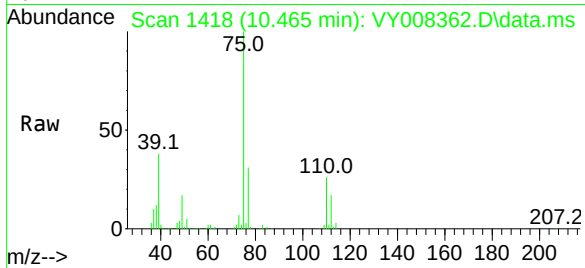




#53
 t-1,3-Dichloropropene
 Concen: 54.537 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

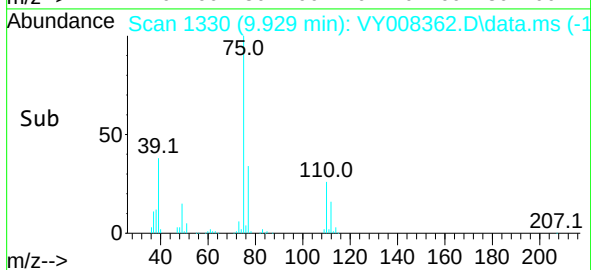
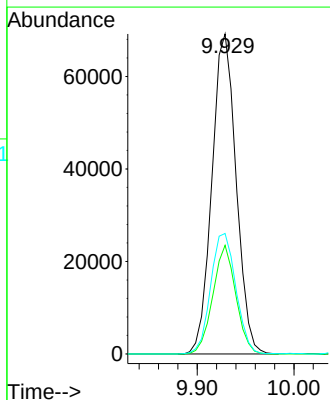
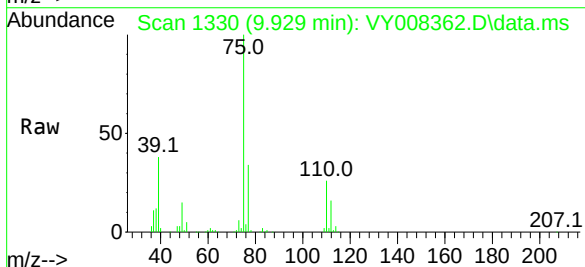
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

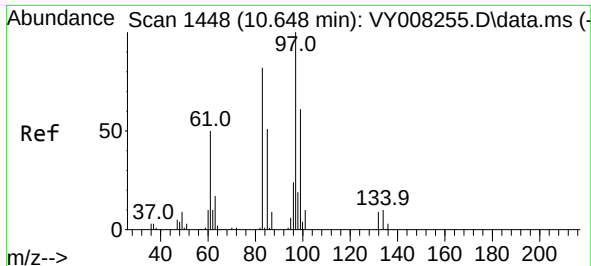
Tgt Ion: 75 Resp: 109645
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.984 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.001 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Tgt Ion: 75 Resp: 120176
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.6 38.4
 39 37.7 47.6 71.4#

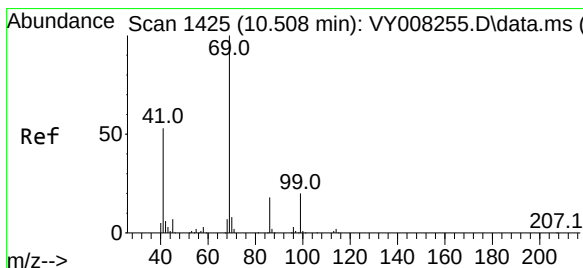
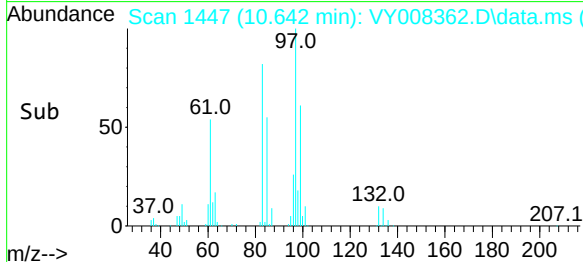
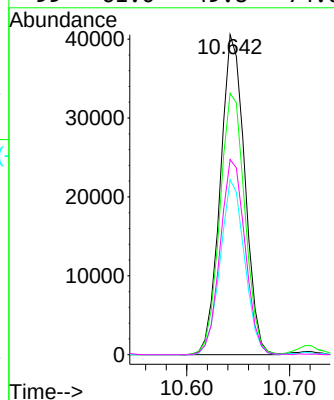
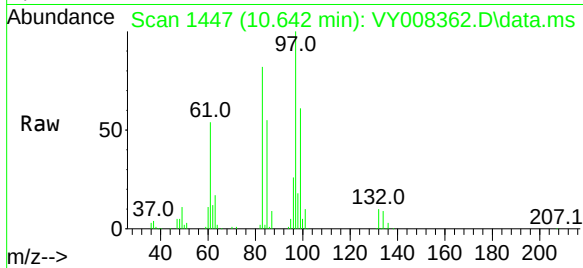




#55
1,1,2-Trichloroethane
Concen: 53.560 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

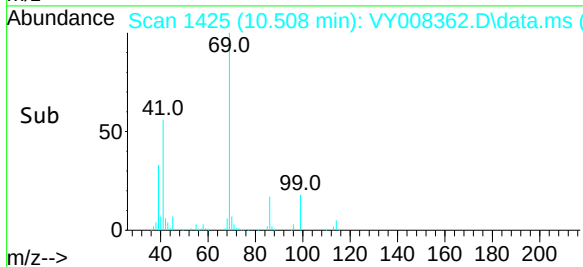
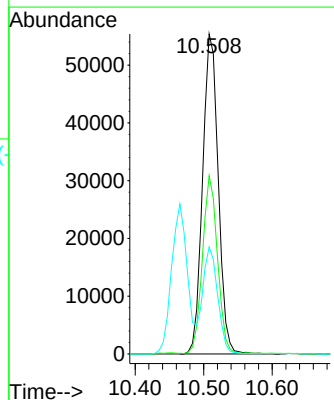
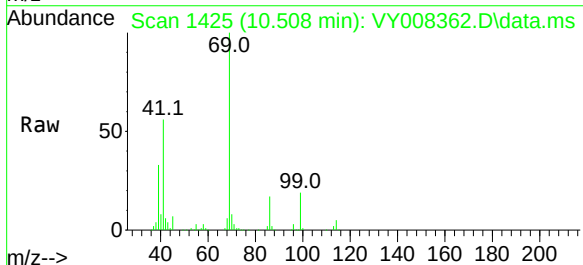
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

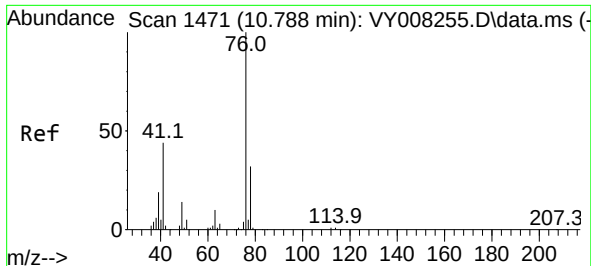
Tgt Ion:	97	Resp:	67018
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.8	104.8
85	54.7	44.3	66.5
99	61.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 57.414 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion:	69	Resp:	88078
Ion	Ratio	Lower	Upper
69	100		
41	53.1	63.4	95.0#
39	31.5	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 54.136 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

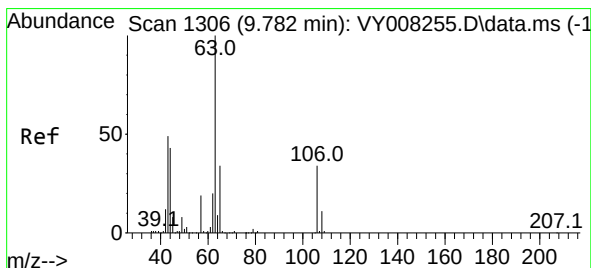
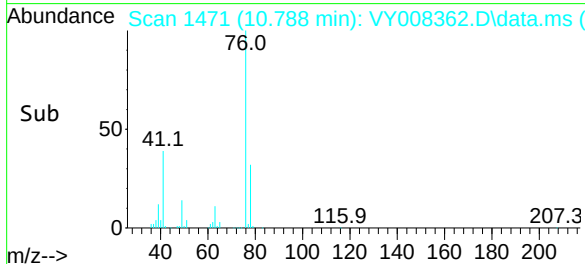
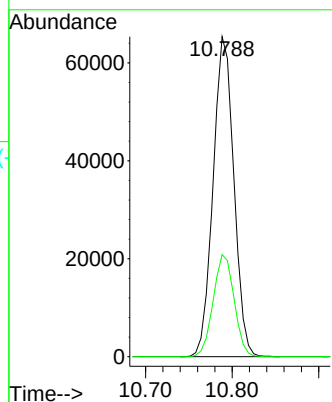
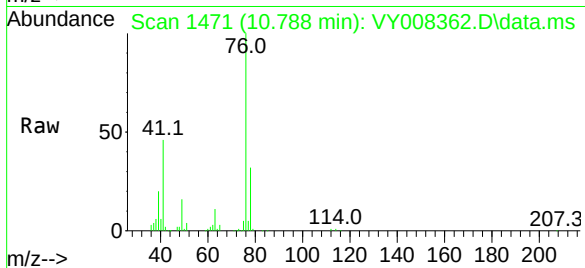
VSTDCCC050EC

Tgt Ion: 76 Resp: 108778

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.485 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008362.D

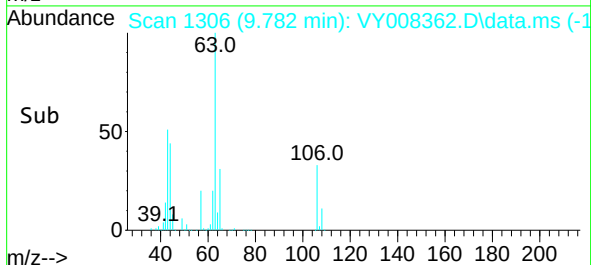
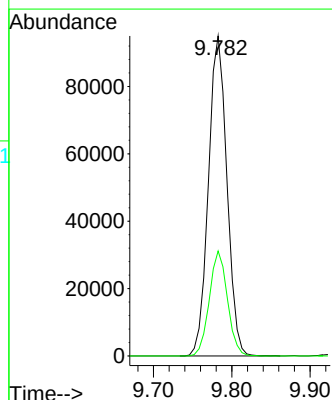
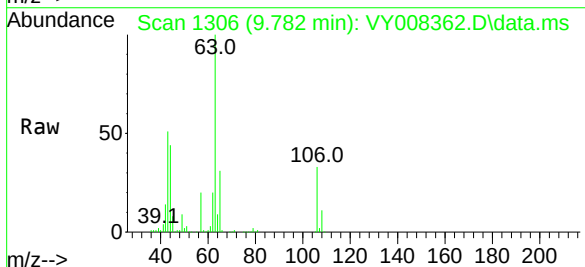
Acq: 15 Apr 2022 19:31

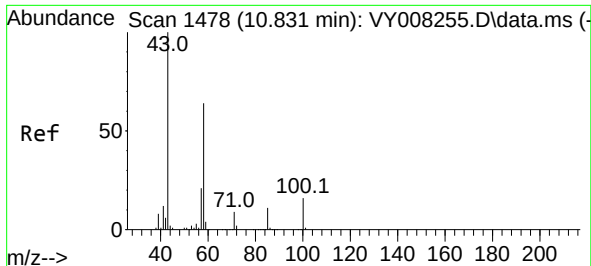
Tgt Ion: 63 Resp: 155594

Ion Ratio Lower Upper

63 100

106 32.0 21.5 32.3

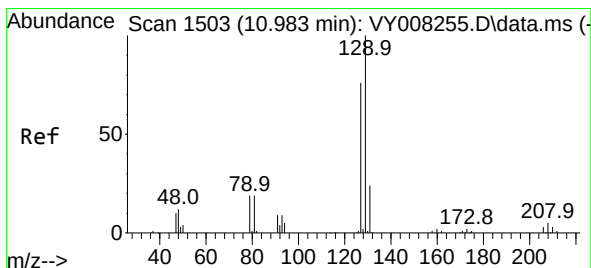
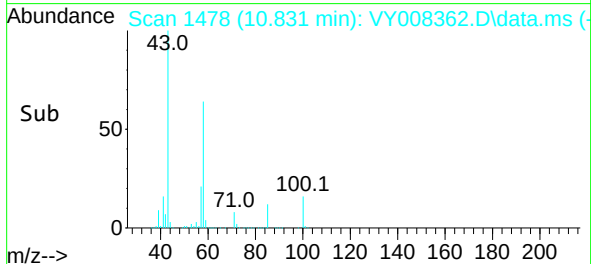
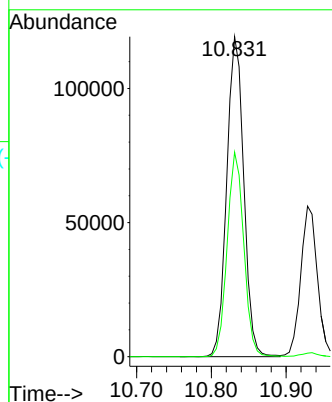
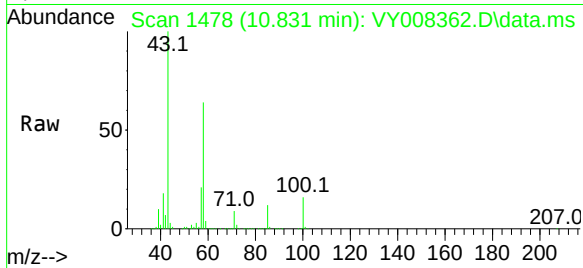




#59
2-Hexanone
Concen: 305.109 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

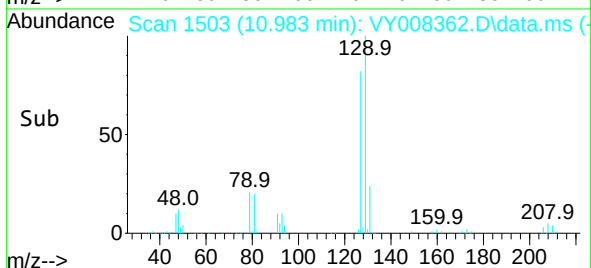
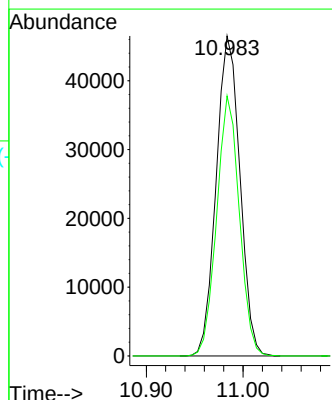
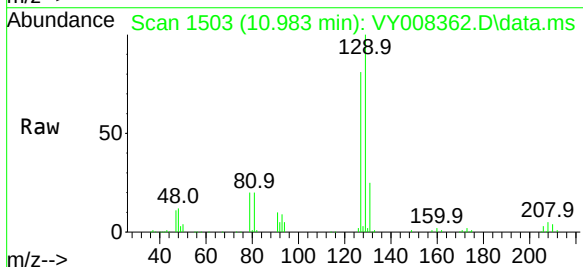
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

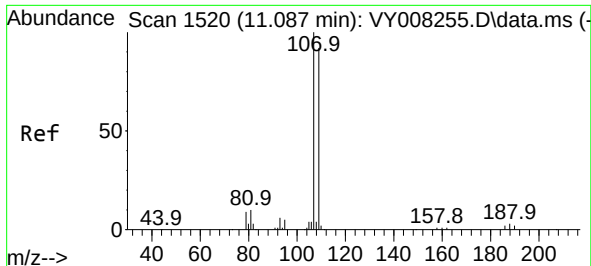
Tgt Ion: 43 Resp: 189004
Ion Ratio Lower Upper
43 100
58 62.3 24.4 73.4



#60
Dibromochloromethane
Concen: 54.143 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 129 Resp: 79138
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

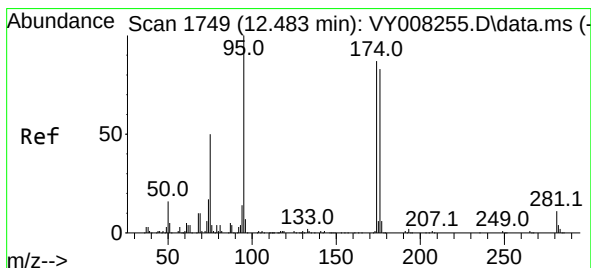
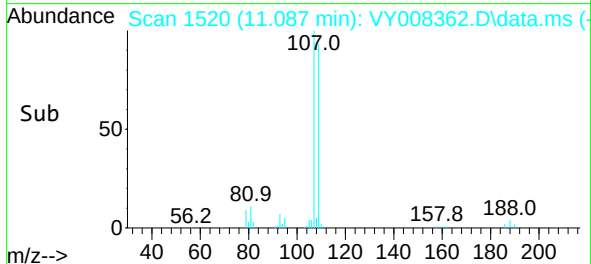
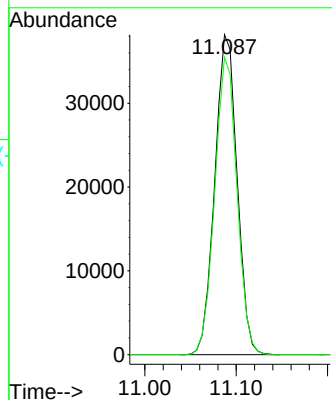
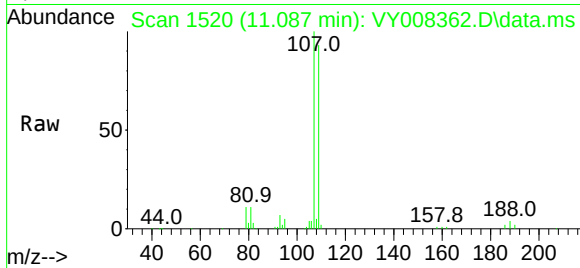




#61
1,2-Dibromoethane
Concen: 52.933 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

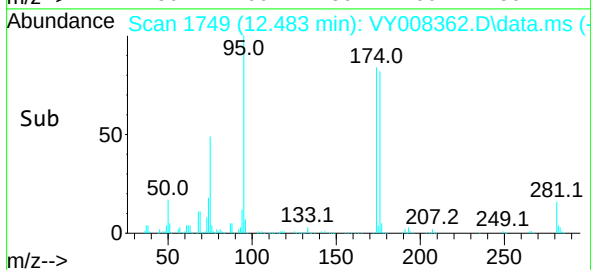
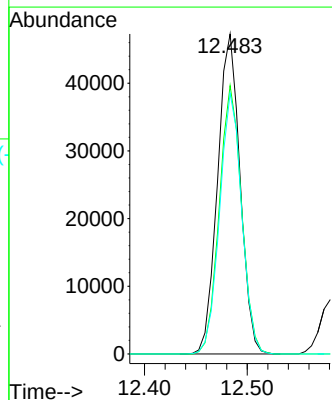
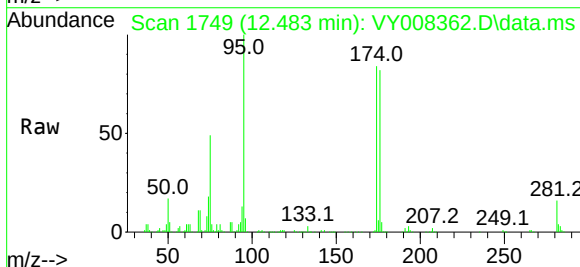
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

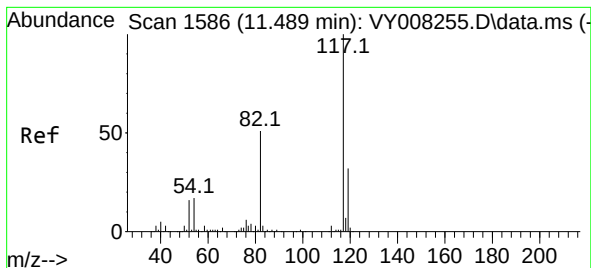
Tgt Ion:107 Resp: 64757
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 95 Resp: 71535
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 80.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

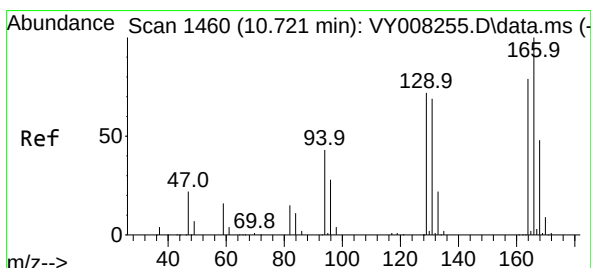
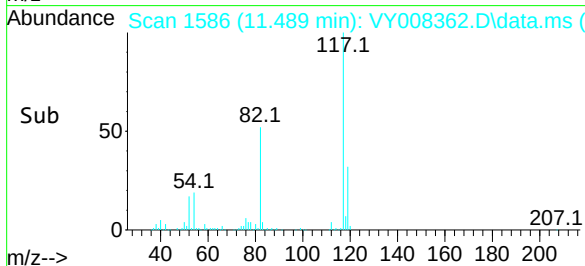
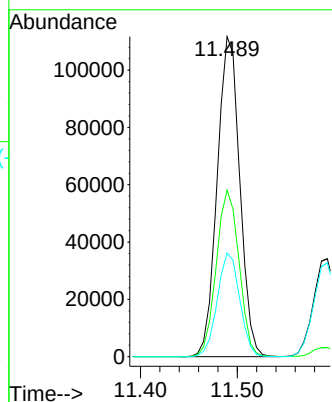
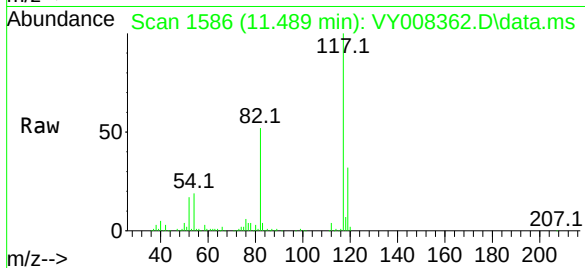
Tgt Ion:117 Resp: 181156

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 50.218 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Tgt Ion:164 Resp: 64119

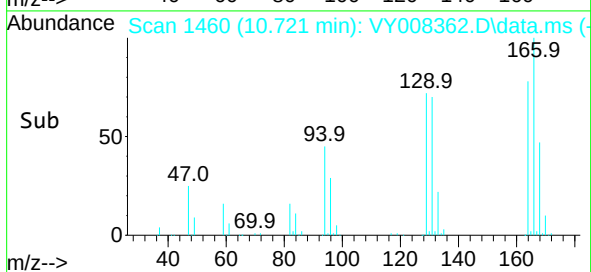
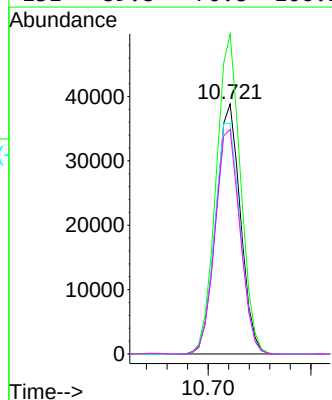
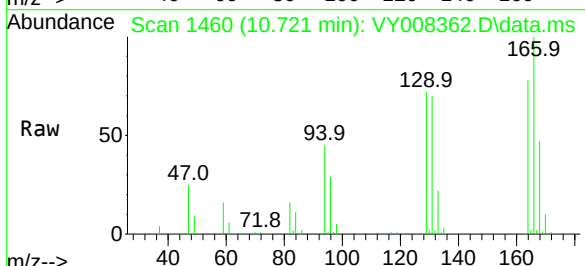
Ion Ratio Lower Upper

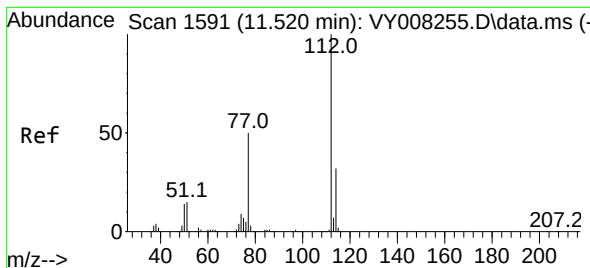
164 100

166 128.0 100.4 150.6

129 92.4 71.4 107.0

131 89.8 70.8 106.2

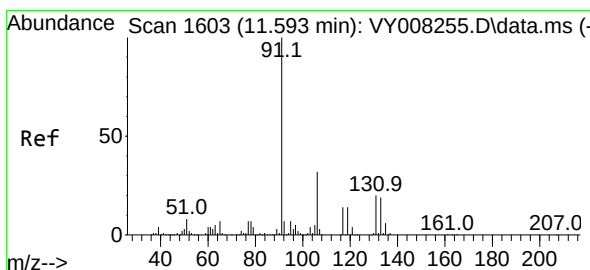
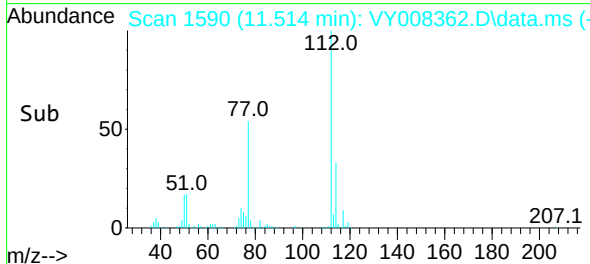
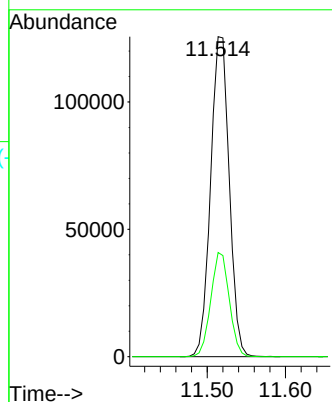
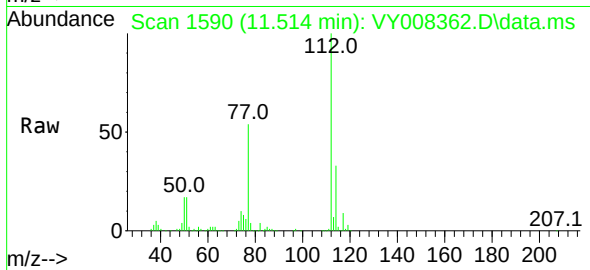




#65
Chlorobenzene
Concen: 52.795 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

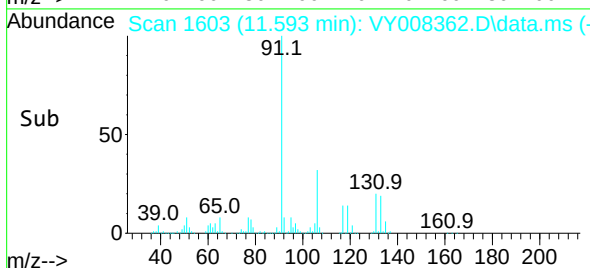
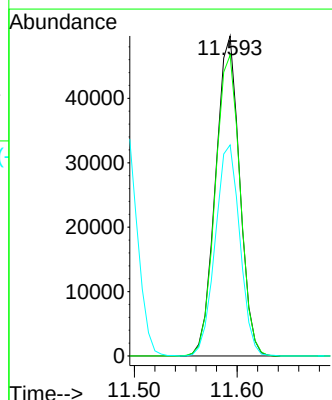
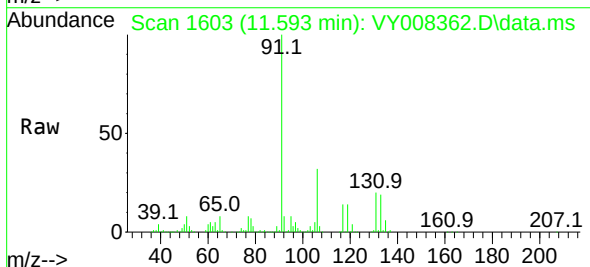
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

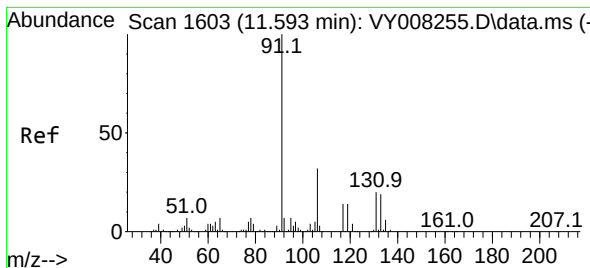
Tgt Ion:112 Resp: 207409
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.083 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion:131 Resp: 80751
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 67.6 30.8 92.3





#67

Ethyl Benzene

Concen: 54.999 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

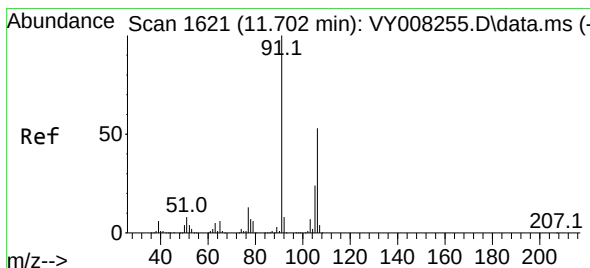
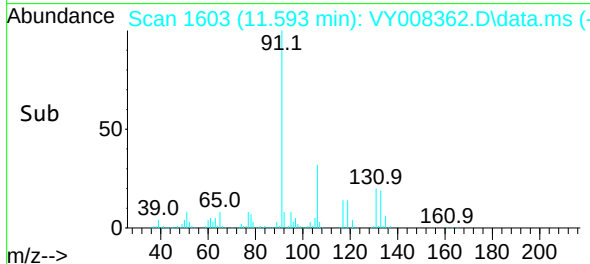
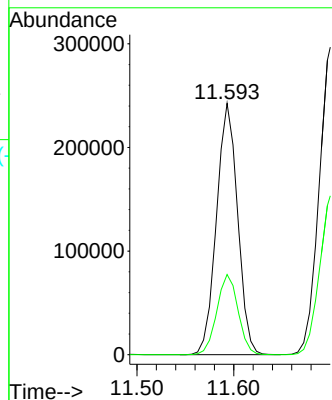
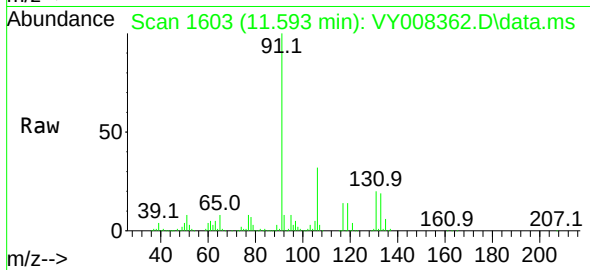
VSTDCCC050EC

Tgt Ion: 91 Resp: 367445

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 110.582 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008362.D

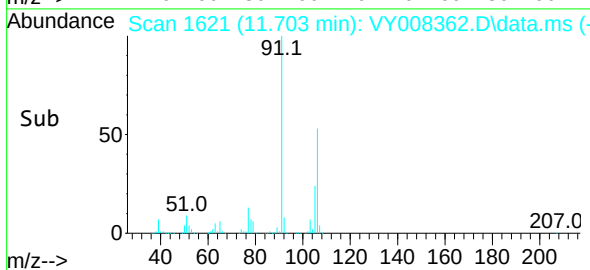
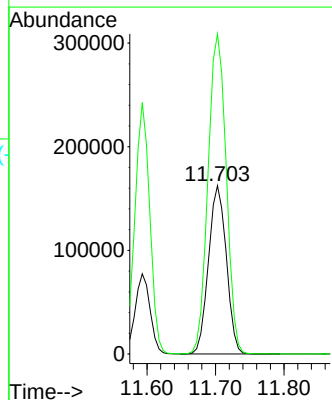
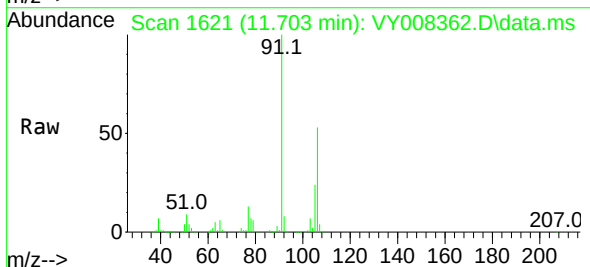
Acq: 15 Apr 2022 19:31

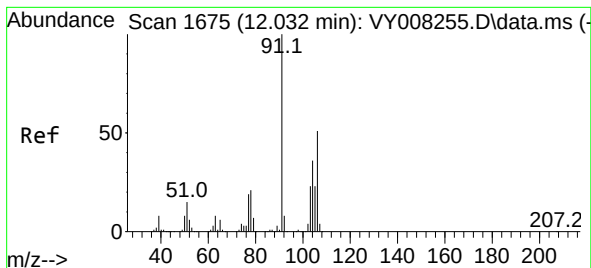
Tgt Ion: 106 Resp: 293820

Ion Ratio Lower Upper

106 100

91 194.2 166.6 249.8

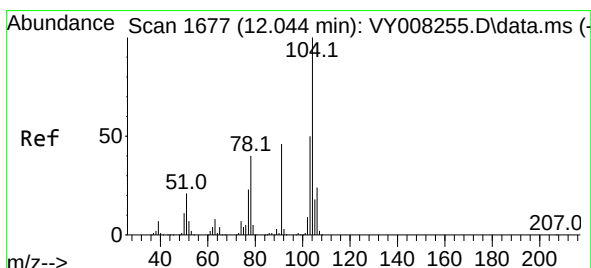
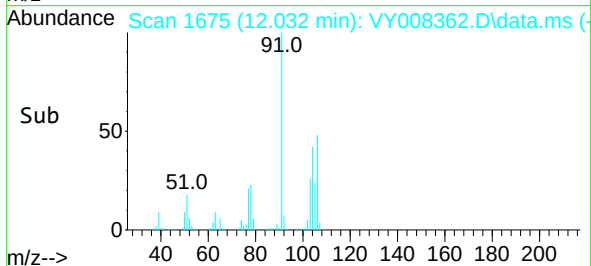
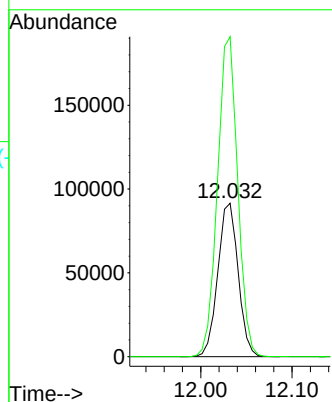
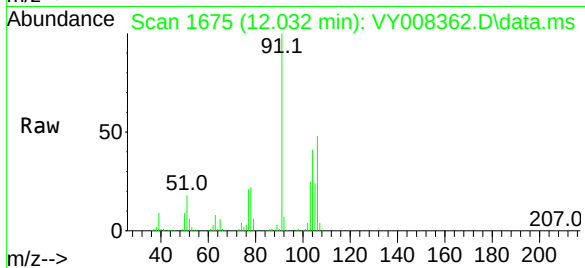




#69
o-Xylene
Concen: 54.967 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

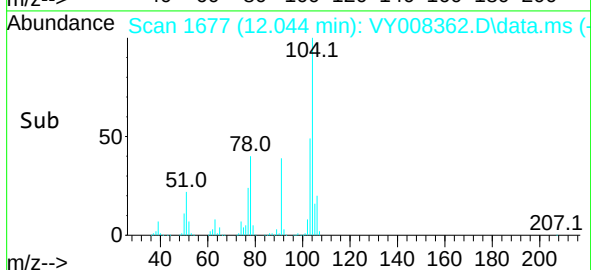
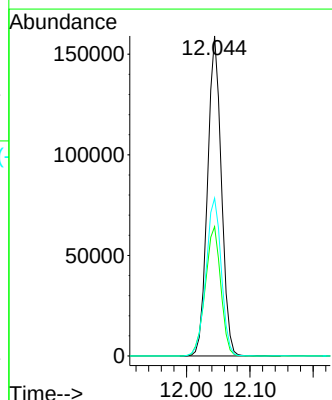
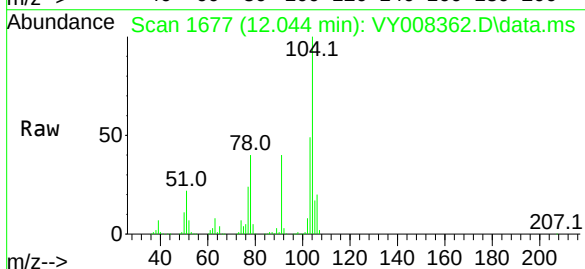
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

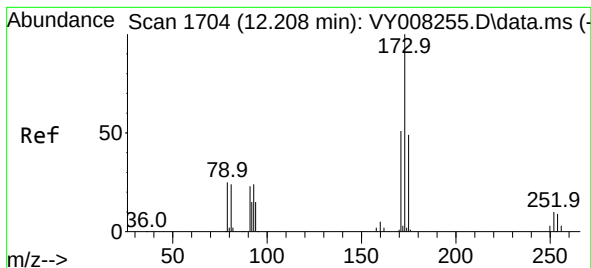
Tgt Ion:106 Resp: 141729
Ion Ratio Lower Upper
106 100
91 207.5 110.3 331.0



#70
Styrene
Concen: 57.035 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion:104 Resp: 242536
Ion Ratio Lower Upper
104 100
78 45.1 42.4 63.6
103 54.4 44.4 66.6





#71

Bromoform

Concen: 55.628 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

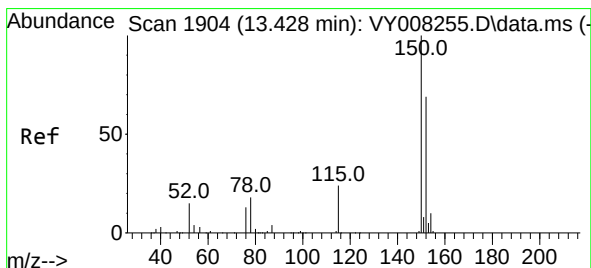
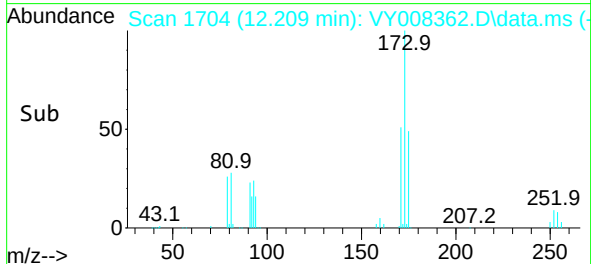
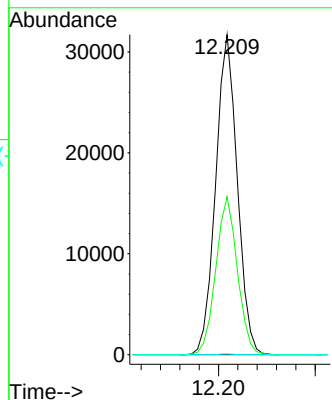
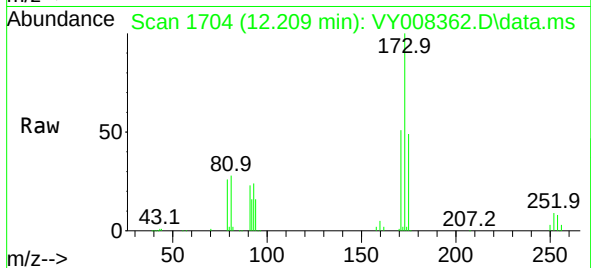
Tgt Ion:173 Resp: 49157

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

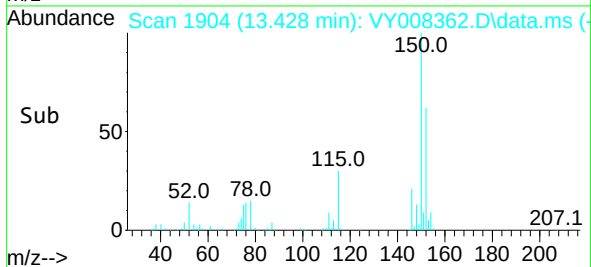
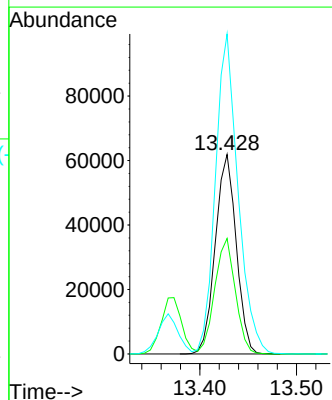
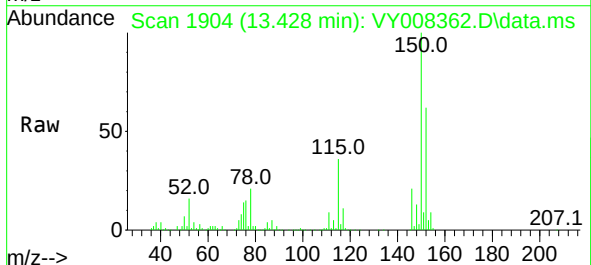
Tgt Ion:152 Resp: 92930

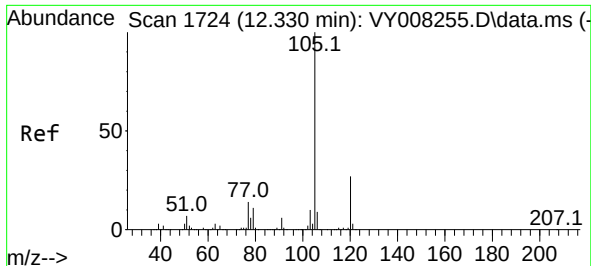
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 173.3 0.0 347.6

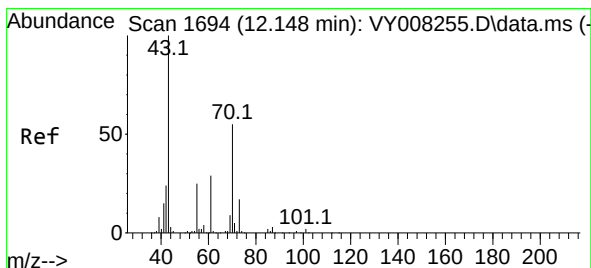
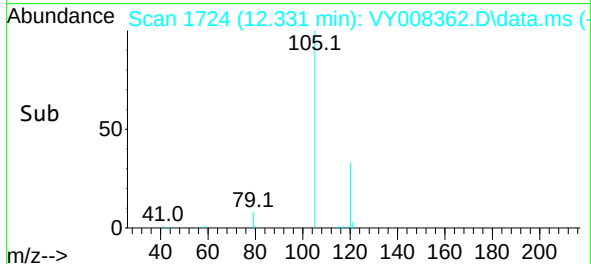
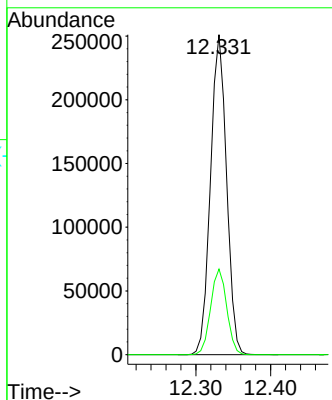
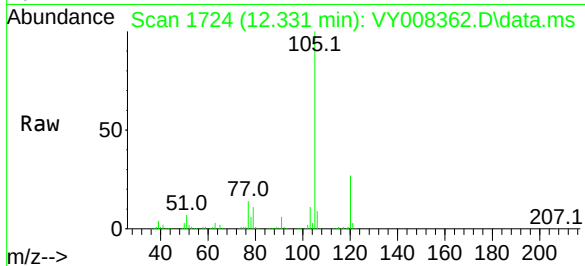




#73
Isopropylbenzene
Concen: 54.198 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

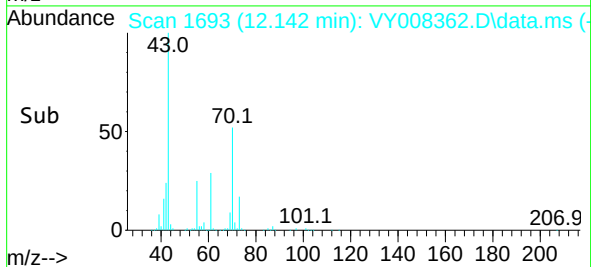
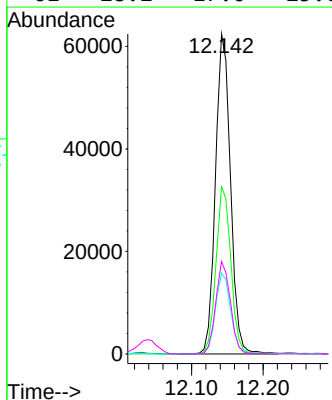
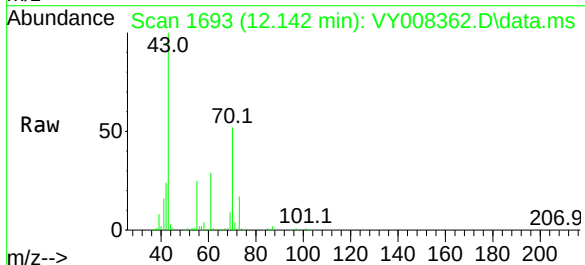
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

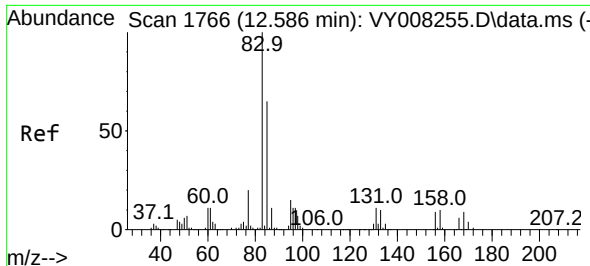
Tgt Ion:105 Resp: 374464
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 60.740 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 43 Resp: 91111
Ion Ratio Lower Upper
43 100
70 52.0 28.7 43.1#
55 25.9 17.3 25.9
61 28.2 17.0 25.6#

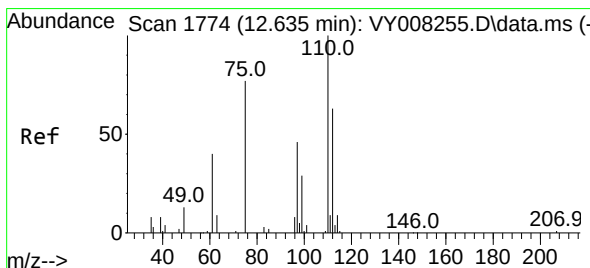
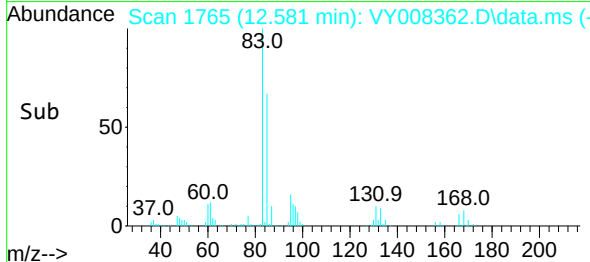
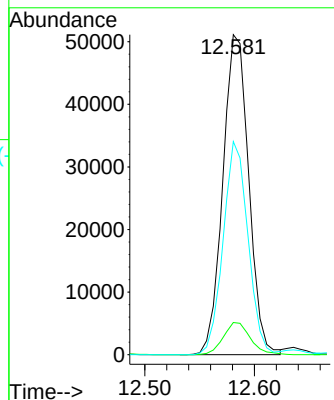
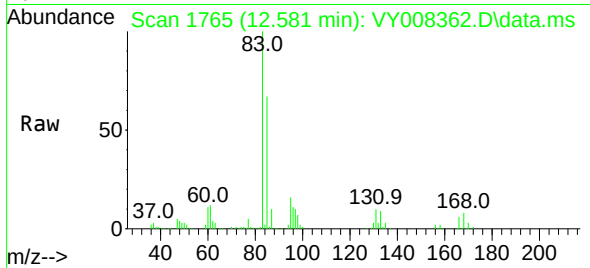




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.385 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

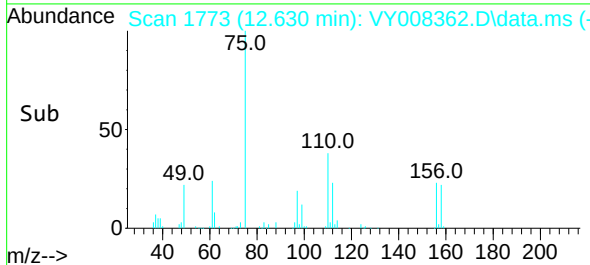
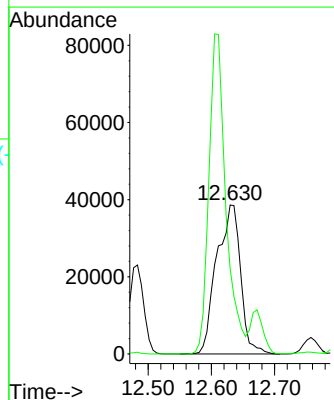
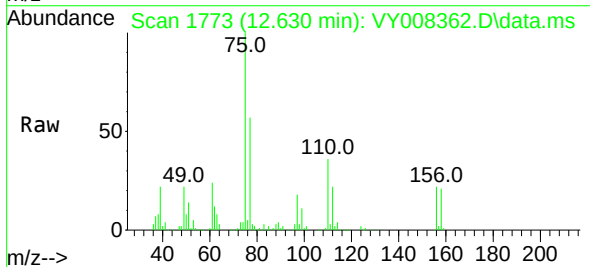
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

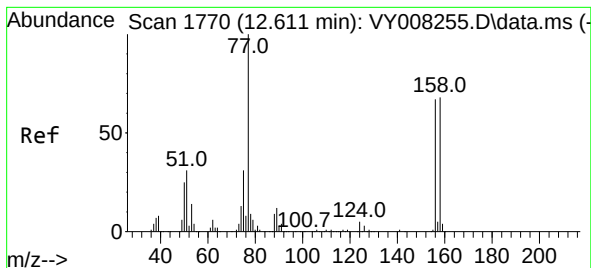
Tgt Ion: 83 Resp: 83895
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 98.665 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.005 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Tgt Ion: 75 Resp: 101406
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.280 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

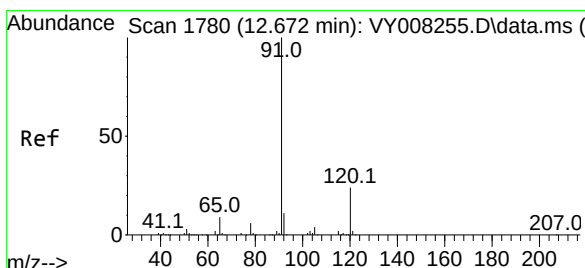
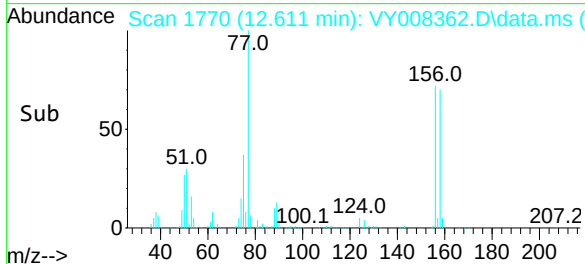
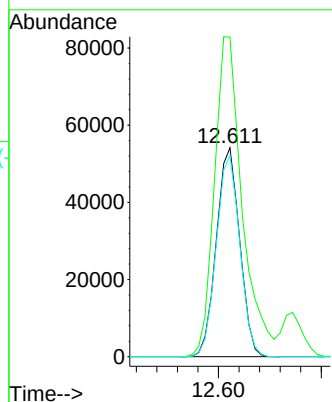
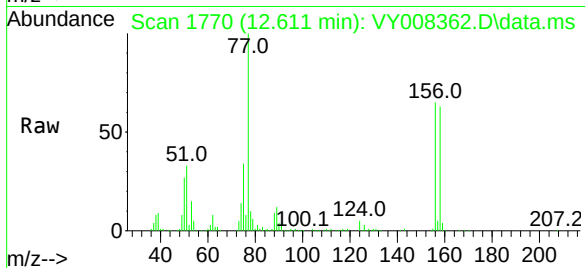
Tgt Ion:156 Resp: 85128

Ion Ratio Lower Upper

156 100

77 182.5 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 54.077 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008362.D

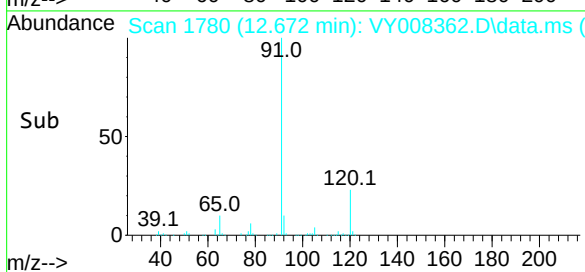
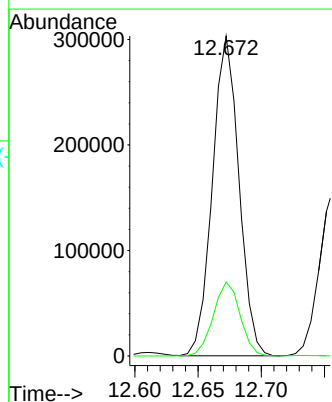
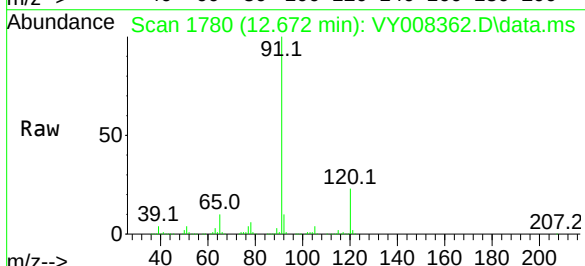
Acq: 15 Apr 2022 19:31

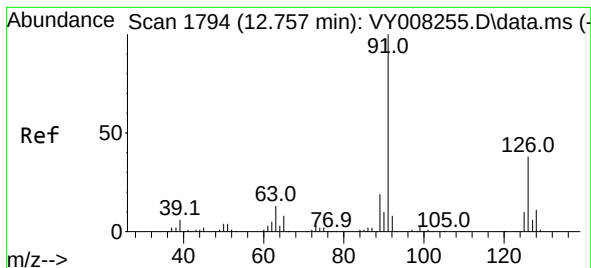
Tgt Ion: 91 Resp: 440882

Ion Ratio Lower Upper

91 100

120 23.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 53.736 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

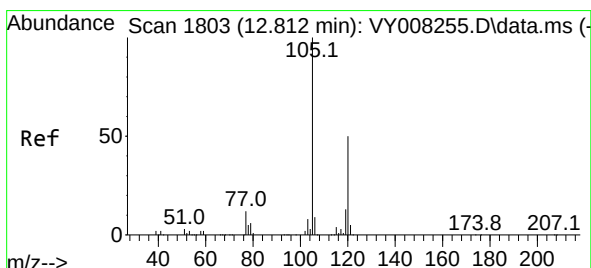
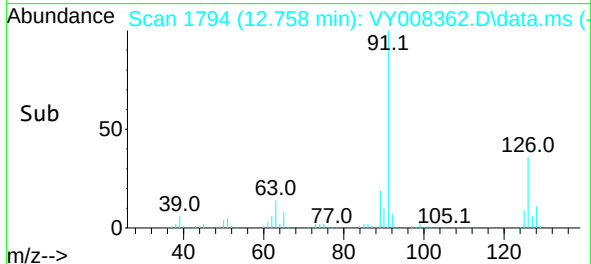
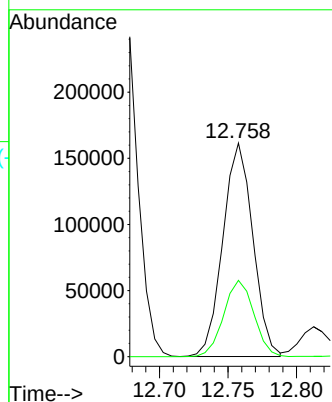
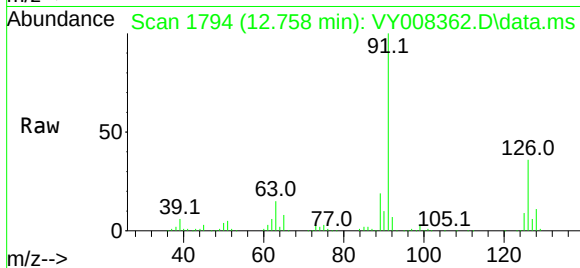
VSTDCCC050EC

Tgt Ion: 91 Resp: 245868

Ion Ratio Lower Upper

91 100

126 36.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 54.002 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008362.D

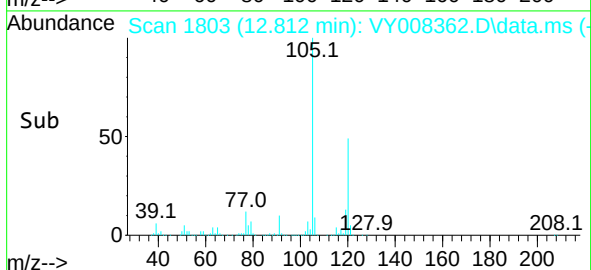
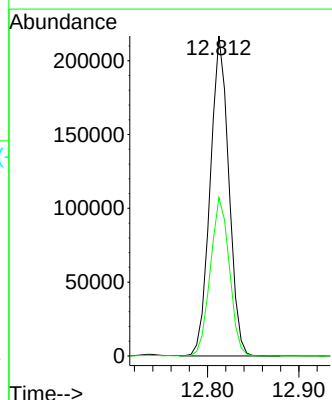
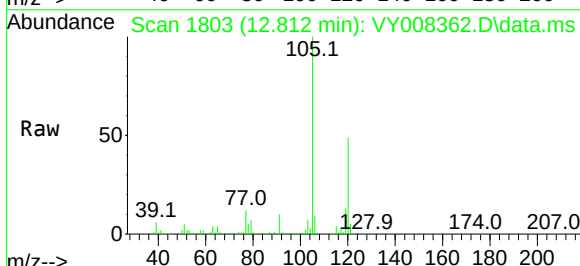
Acq: 15 Apr 2022 19:31

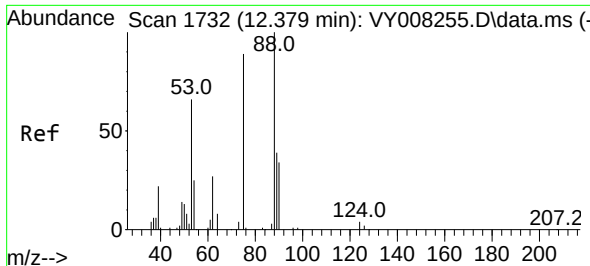
Tgt Ion: 105 Resp: 305948

Ion Ratio Lower Upper

105 100

120 50.4 24.4 73.4

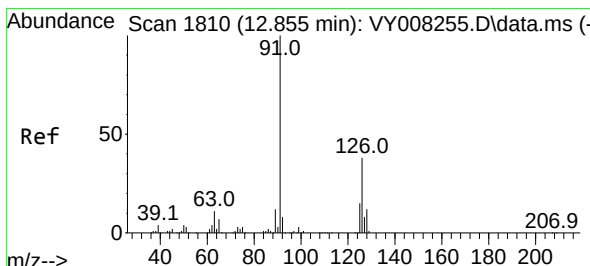
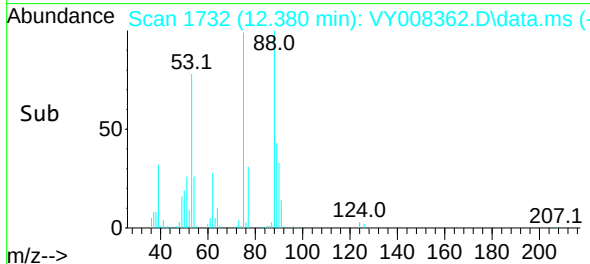
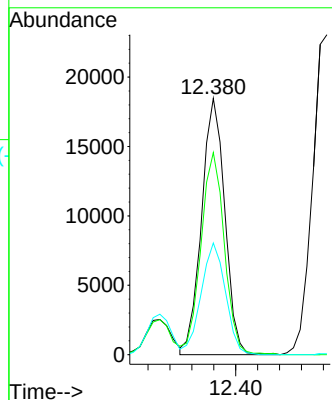
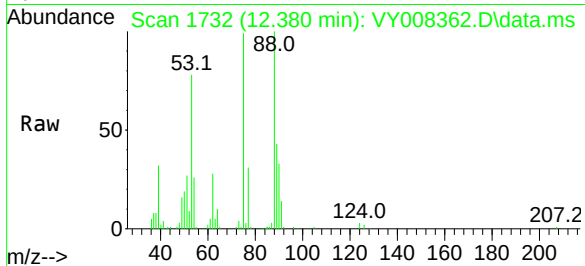




#81
trans-1,4-Dichloro-2-butene
Concen: 59.194 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

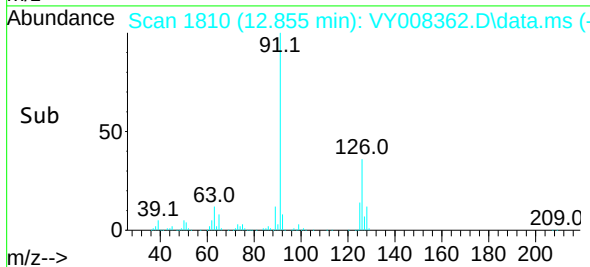
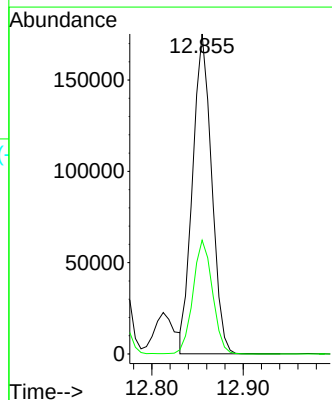
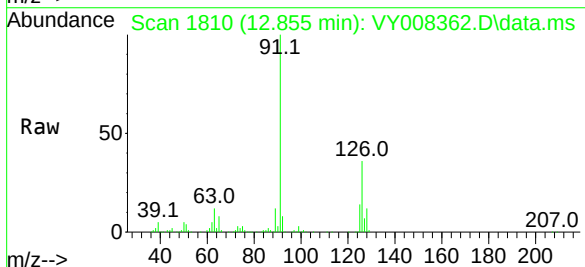
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

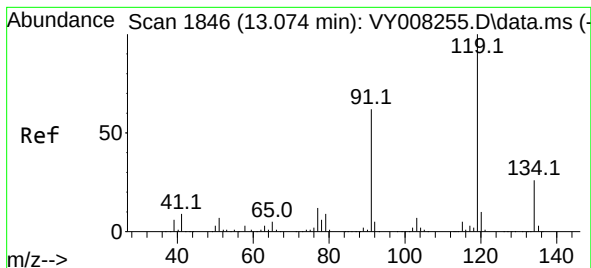
Tgt Ion: 75 Resp: 27191
Ion Ratio Lower Upper
75 100
53 79.6 85.3 127.9#
89 45.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.791 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 91 Resp: 252923
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 54.137 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

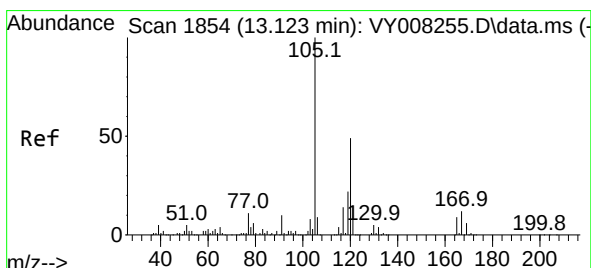
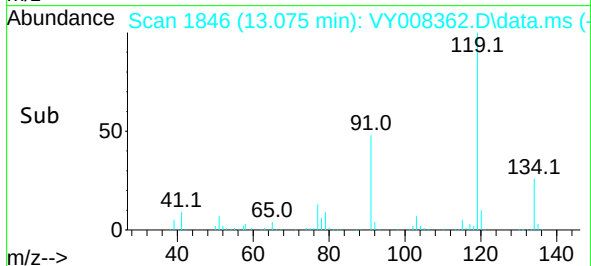
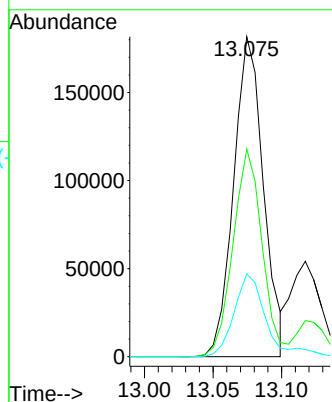
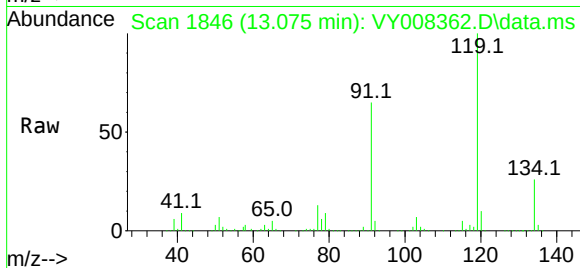
Tgt Ion:119 Resp: 275155

Ion Ratio Lower Upper

119 100

91 63.6 34.8 104.4

134 27.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 54.884 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008362.D

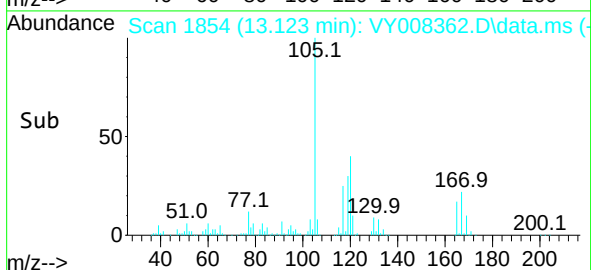
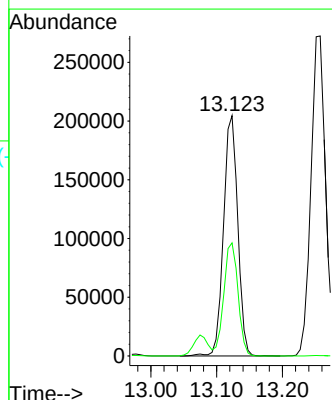
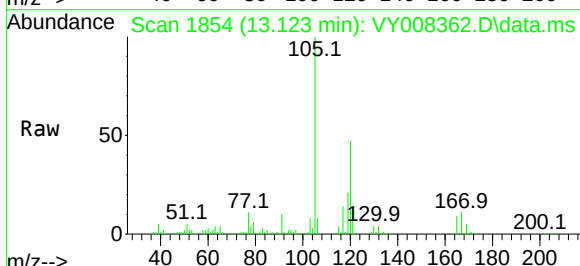
Acq: 15 Apr 2022 19:31

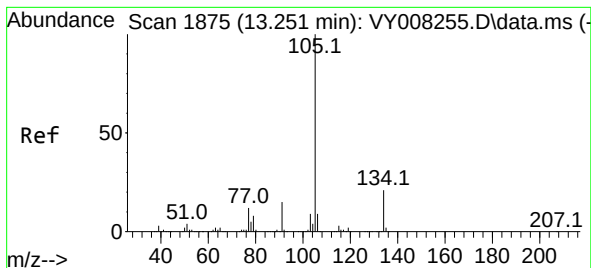
Tgt Ion:105 Resp: 307720

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 55.369 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

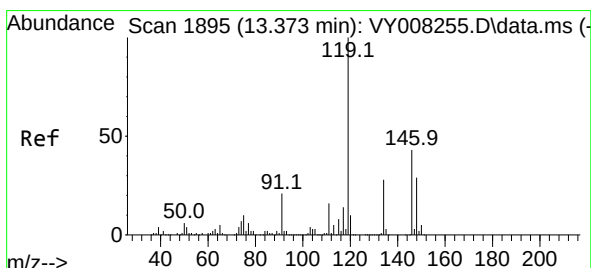
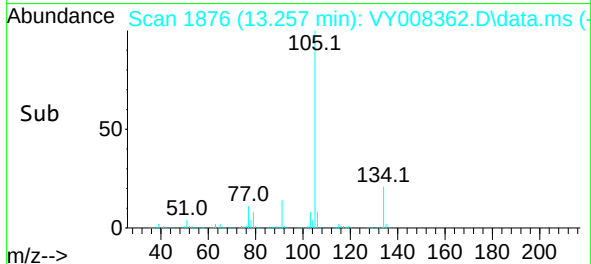
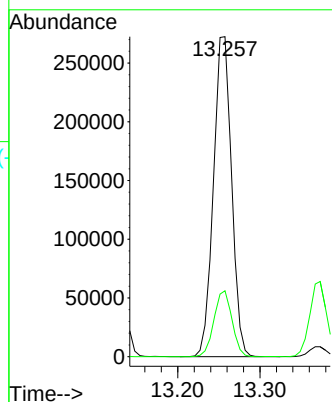
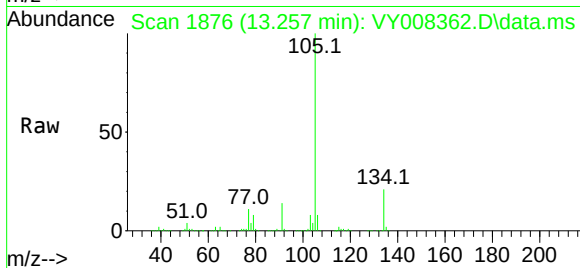
VSTDCCC050EC

Tgt Ion:105 Resp: 417206

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.716 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

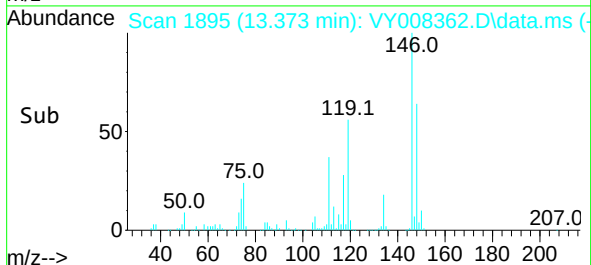
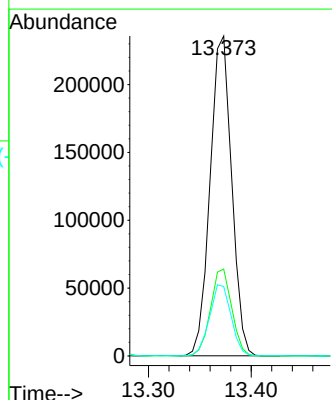
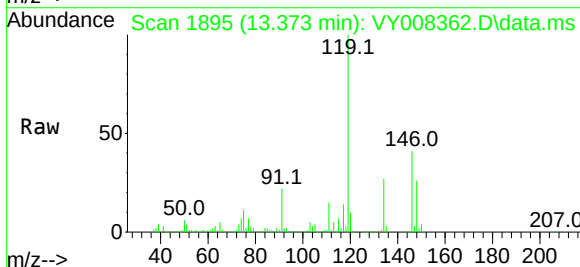
Tgt Ion:119 Resp: 344050

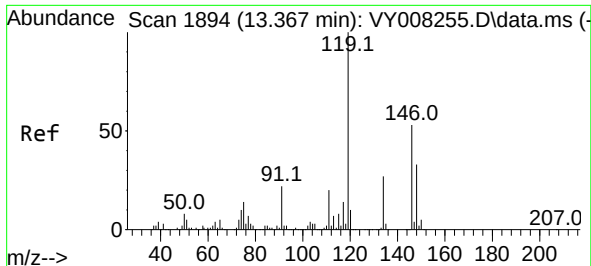
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.968 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

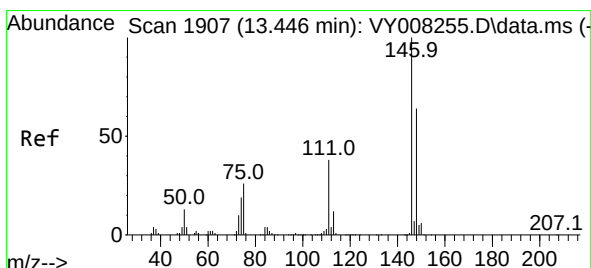
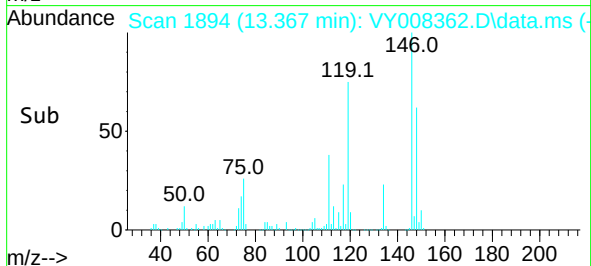
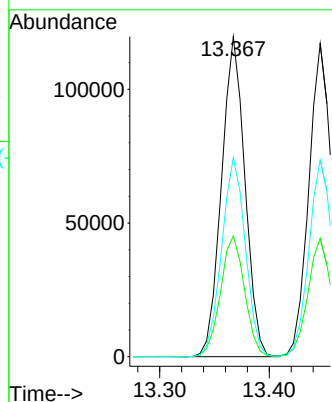
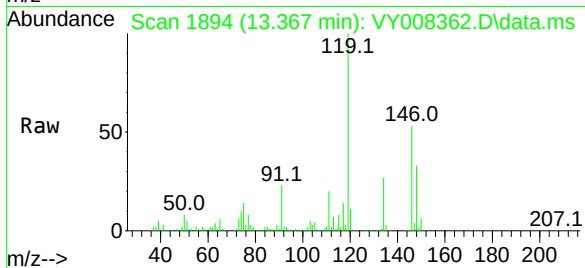
Tgt Ion:146 Resp: 177608

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

148 63.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.902 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

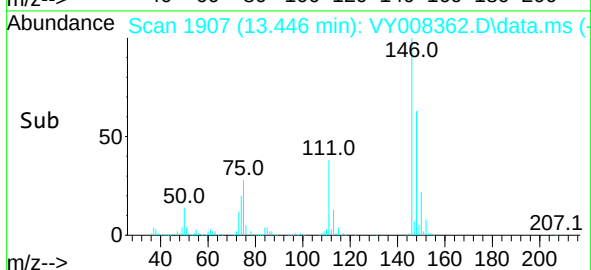
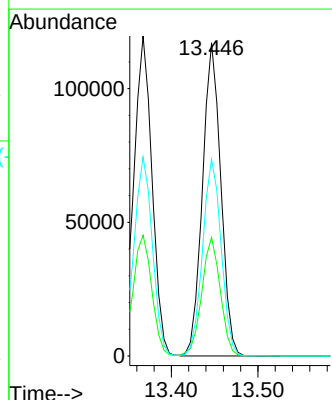
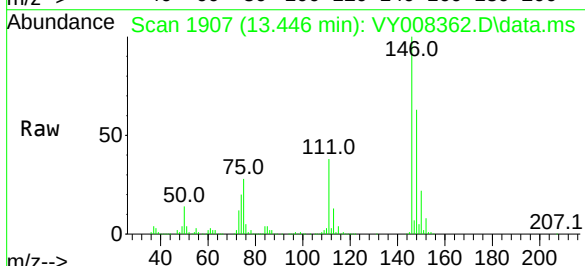
Tgt Ion:146 Resp: 172246

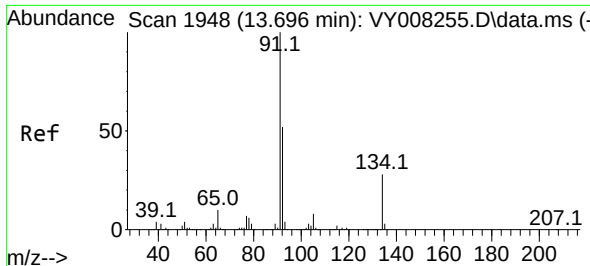
Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

148 63.8 32.6 97.8

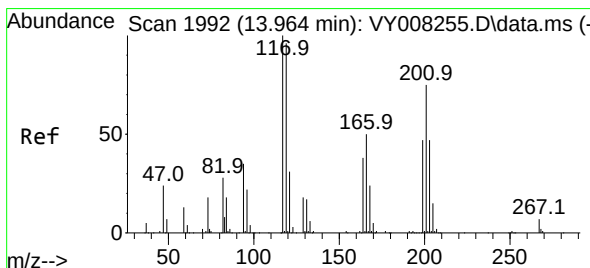
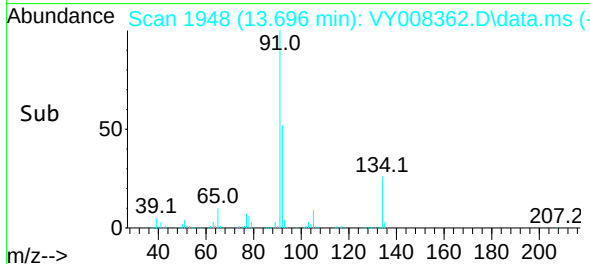
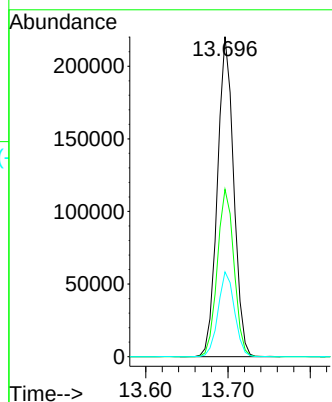
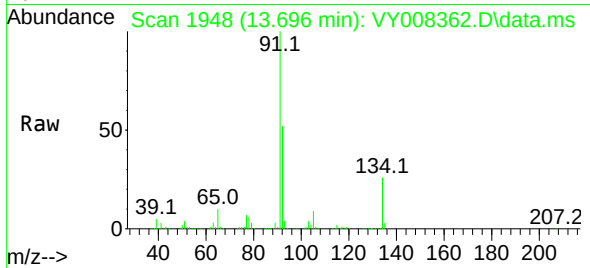




#89
n-Butylbenzene
Concen: 53.376 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

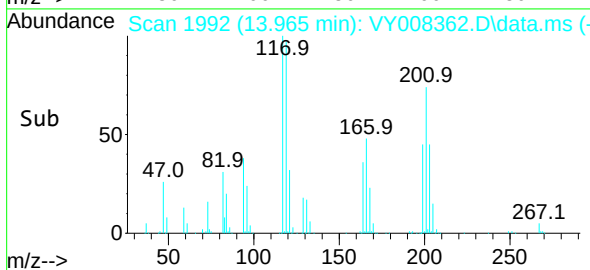
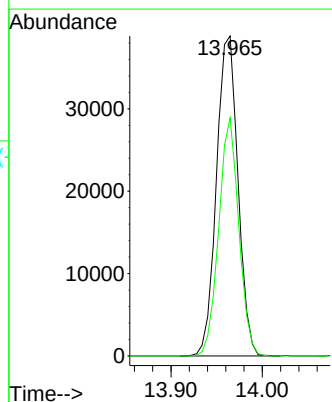
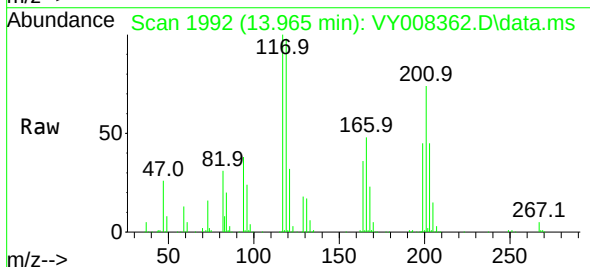
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

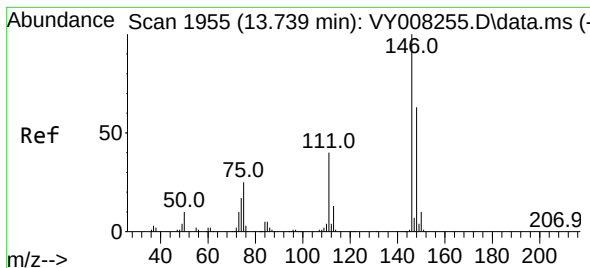
Tgt Ion: 91 Resp: 303233
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 26.7 13.0 38.9



#90
Hexachloroethane
Concen: 54.002 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008362.D
Acq: 15 Apr 2022 19:31

Tgt Ion: 117 Resp: 63465
Ion Ratio Lower Upper
117 100
201 69.6 43.0 128.8

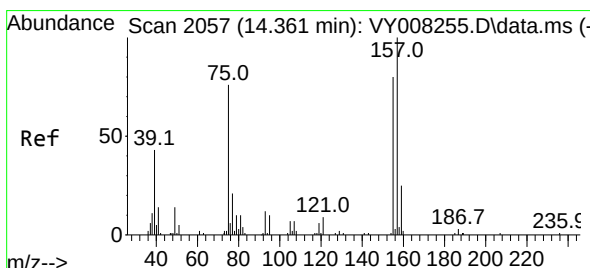
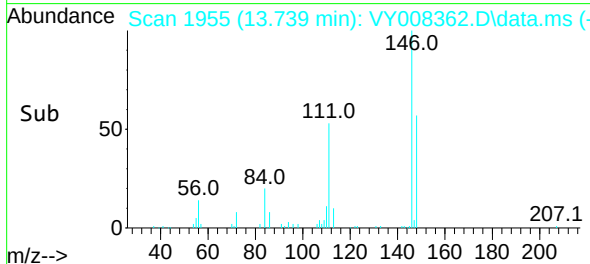
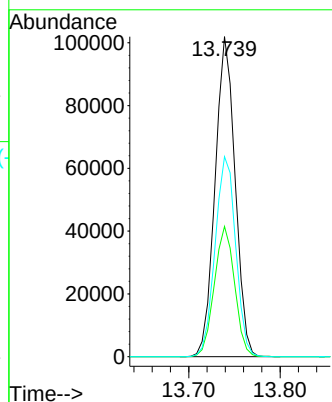
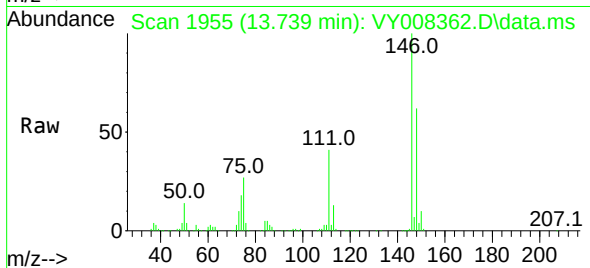




#91
 1,2-Dichlorobenzene
 Concen: 52.013 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

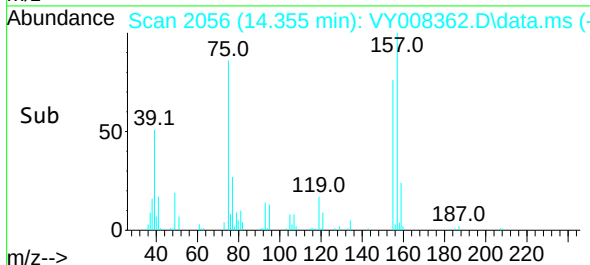
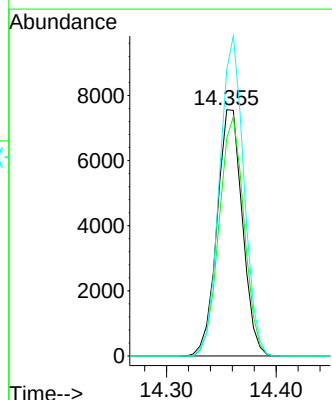
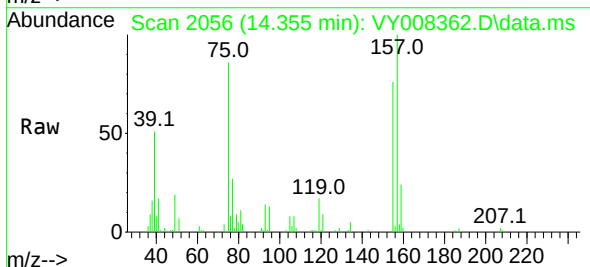
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

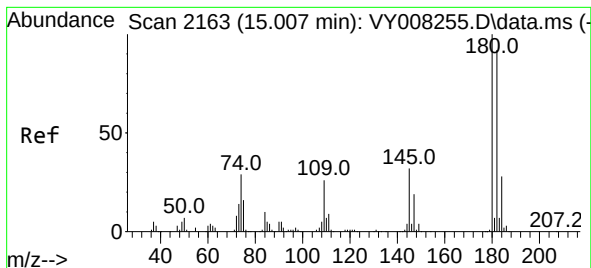
Tgt Ion:	146	Resp:	155165
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.3	60.9
148	64.4	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.139 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY008362.D
 Acq: 15 Apr 2022 19:31

Tgt Ion:	75	Resp:	12161
Ion Ratio	Lower	Upper	
75	100		
155	95.6	38.0	113.9
157	124.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.805 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

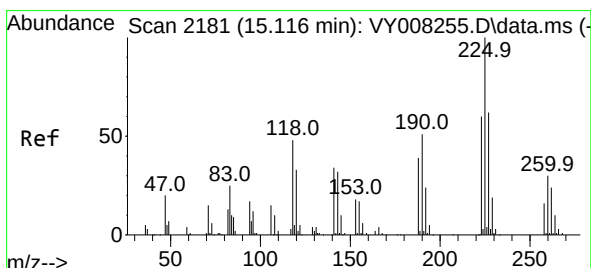
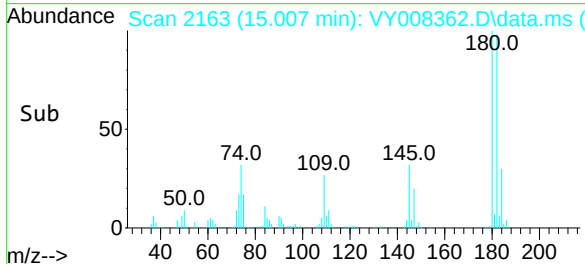
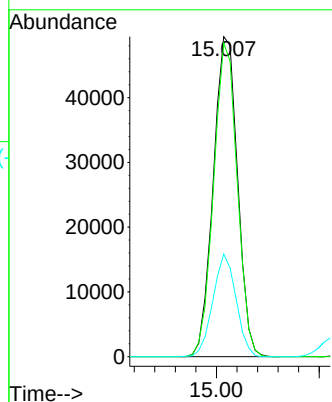
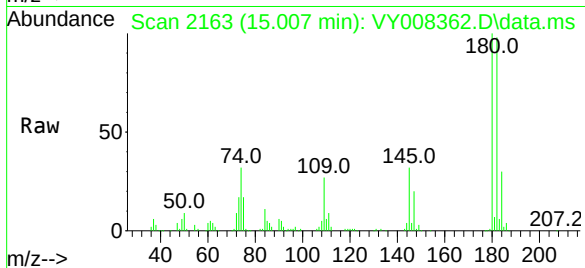
Tgt Ion:180 Resp: 80822

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 30.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.896 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

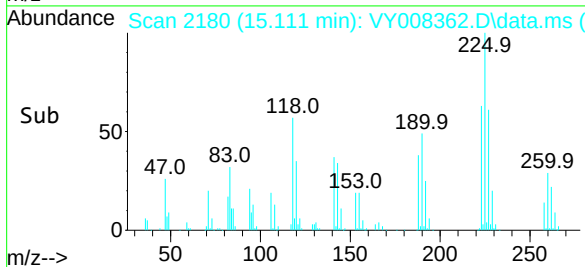
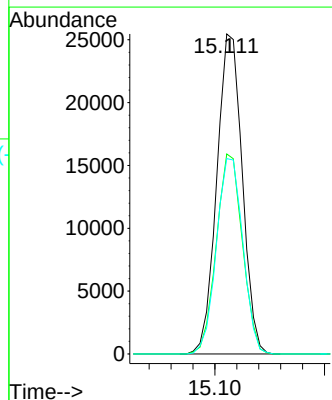
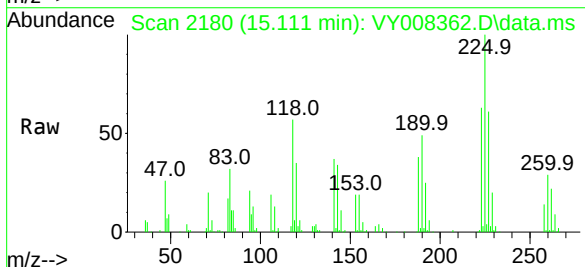
Tgt Ion:225 Resp: 41113

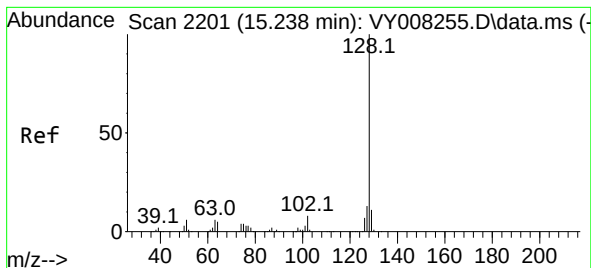
Ion Ratio Lower Upper

225 100

223 63.9 30.8 92.3

227 63.3 31.6 94.7





#95

Naphthalene

Concen: 50.842 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

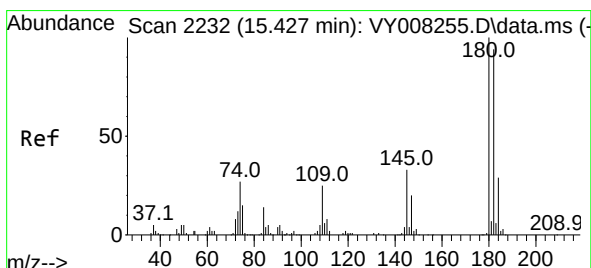
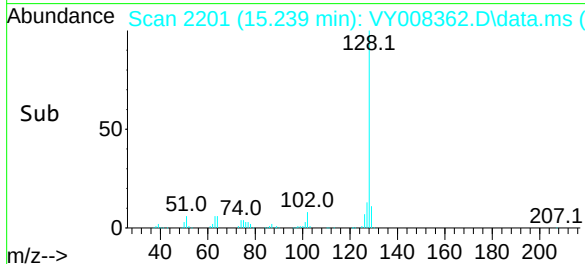
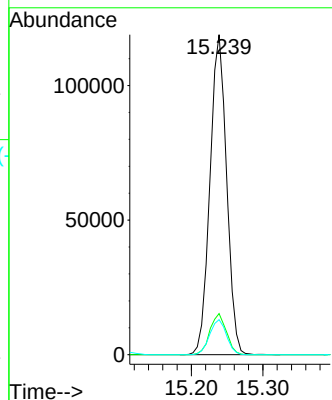
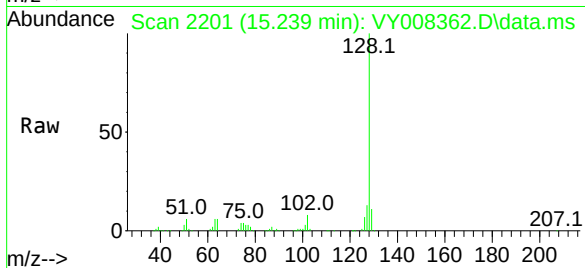
Tgt Ion:128 Resp: 192160

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.938 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008362.D

Acq: 15 Apr 2022 19:31

Tgt Ion:180 Resp: 72476

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.9

145 31.5 15.3 45.9

