

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008386.D
 Acq On : 18 Apr 2022 20:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 06:33:30 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	168994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63261	39.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.700%
35) Dibromofluoromethane	7.716	113	74604	48.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.179	98	239169	45.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.483	95	91354	45.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54316	38.811	ug/l	99
3) Chloromethane	2.113	50	58704	35.421	ug/l	95
4) Vinyl Chloride	2.253	62	82949	34.454	ug/l	96
5) Bromomethane	2.650	94	78990	41.466	ug/l	96
6) Chloroethane	2.796	64	62059	36.803	ug/l	100
7) Trichlorofluoromethane	3.125	101	136486	47.644	ug/l	92
8) Diethyl Ether	3.528	74	46719	45.127	ug/l	62
9) 1,1,2-Trichlorotrifluo...	3.899	101	87150	46.834	ug/l	92
10) Methyl Iodide	4.088	142	95739	46.228	ug/l	89
11) Tert butyl alcohol	4.948	59	45920	270.586	ug/l	96
12) 1,1-Dichloroethene	3.875	96	75527	45.312	ug/l #	68
13) Acrolein	3.729	56	25271	189.119	ug/l	95
14) Allyl chloride	4.479	41	81024	37.246	ug/l #	82
15) Acrylonitrile	5.161	53	109725	216.692	ug/l	96
16) Acetone	3.948	43	77006	201.688	ug/l #	83
17) Carbon Disulfide	4.198	76	156669	35.628	ug/l	99
18) Methyl Acetate	4.479	43	43768	47.024	ug/l #	72
19) Methyl tert-butyl Ether	5.222	73	239515	46.563	ug/l	91
20) Methylene Chloride	4.710	84	94911	46.511	ug/l #	73
21) trans-1,2-Dichloroethene	5.222	96	86795	43.461	ug/l #	72
22) Diisopropyl ether	6.119	45	207474	40.425	ug/l #	89
23) Vinyl Acetate	6.058	43	699481	210.338	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	142378	43.218	ug/l #	96
25) 2-Butanone	6.984	43	128789	215.720	ug/l #	70
26) 2,2-Dichloropropane	6.984	77	135940	44.808	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	111600	47.098	ug/l	75
28) Bromochloromethane	7.332	49	53973	42.742	ug/l #	40
29) Tetrahydrofuran	7.344	42	83310	216.134	ug/l #	64
30) Chloroform	7.509	83	171864	46.720	ug/l	99
31) Cyclohexane	7.783	56	104504	36.406	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	152726	47.460	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	115173	46.546	ug/l	94
37) Ethyl Acetate	7.076	43	59057	46.288	ug/l #	87
38) Carbon Tetrachloride	7.899	117	136943	51.444	ug/l	99
39) Methylcyclohexane	9.185	83	142734	44.833	ug/l #	79
40) Benzene	8.161	78	346692	47.052	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	78131	109.463	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	99768	46.671	ug/l	85
43) Isopropyl Acetate	8.271	43	112544	47.529	ug/l #	80
44) Trichloroethene	8.941	130	109172	51.988	ug/l	95
45) 1,2-Dichloropropane	9.216	63	83411	46.340	ug/l	96
46) Dibromomethane	9.307	93	59281	49.760	ug/l	95
47) Bromodichloromethane	9.496	83	134699	50.275	ug/l	97
48) Methyl methacrylate	9.295	41	47471	47.160	ug/l #	68
49) 1,4-Dioxane	9.295	88	16354	1063.731	ug/l #	71
51) 4-Methyl-2-Pentanone	10.069	43	301823	246.852	ug/l #	81
52) Toluene	10.246	92	231652	47.717	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	133576	48.920	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	150303	48.792	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	87298	51.370	ug/l	97
56) Ethyl methacrylate	10.508	69	107533	51.611	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	135048	49.486	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	169225	206.195	ug/l #	82
59) 2-Hexanone	10.831	43	209625	249.161	ug/l	77
60) Dibromochloromethane	10.984	129	108937	54.877	ug/l	100
61) 1,2-Dibromoethane	11.087	107	86129	51.837	ug/l	100
64) Tetrachloroethene	10.721	164	89921	51.810	ug/l	99
65) Chlorobenzene	11.520	112	277892	52.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	109899	55.149	ug/l	98
67) Ethyl Benzene	11.593	91	454313	50.026	ug/l	95
68) m/p-Xylenes	11.703	106	364562	100.937	ug/l	88
69) o-Xylene	12.032	106	181798	51.869	ug/l	87
70) Styrene	12.044	104	300720	52.024	ug/l	93
71) Bromoform	12.209	173	69861	58.159	ug/l #	99
73) Isopropylbenzene	12.331	105	476678	50.754	ug/l	98
74) N-amyl acetate	12.142	43	100703	49.387	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	103262	51.961	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	120764	86.438	ug/l #	100
77) Bromobenzene	12.611	156	120469	52.344	ug/l	84
78) n-propylbenzene	12.672	91	539552	48.685	ug/l	94
79) 2-Chlorotoluene	12.758	91	304035	48.883	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	386617	50.201	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	31059	49.741	ug/l #	82
82) 4-Chlorotoluene	12.855	91	308231	48.224	ug/l	91
83) tert-Butylbenzene	13.075	119	360324	52.153	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	389411	51.094	ug/l	96
85) sec-Butylbenzene	13.251	105	514457	50.226	ug/l	97
86) p-Isopropyltoluene	13.373	119	435315	50.929	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	232873	51.090	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	233409	51.740	ug/l	98
89) n-Butylbenzene	13.696	91	379146	49.096	ug/l	97
90) Hexachloroethane	13.965	117	84947	53.173	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	212067	52.295	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15215	53.511	ug/l	59
93) 1,2,4-Trichlorobenzene	15.007	180	126960	52.933	ug/l	98
94) Hexachlorobutadiene	15.111	225	65207	53.550	ug/l	99
95) Naphthalene	15.239	128	288621	56.176	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	113430	54.042	ug/l	99

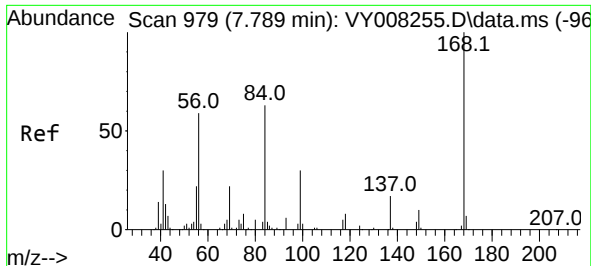
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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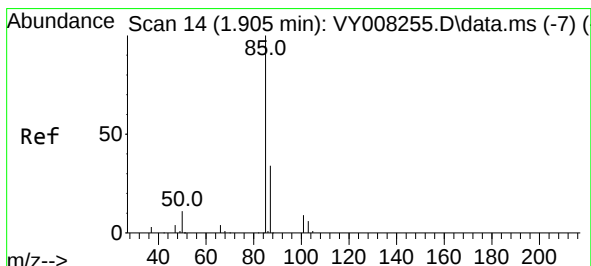
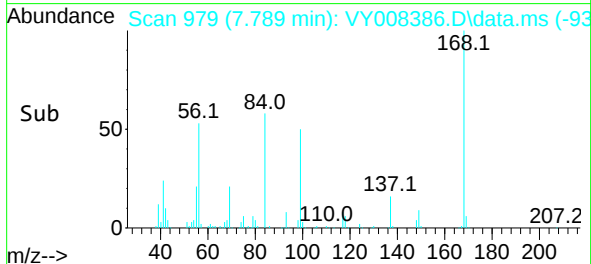
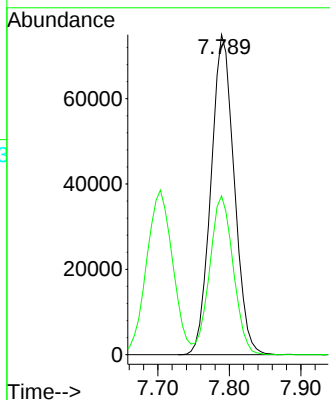
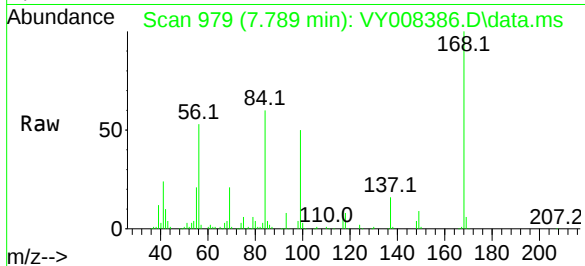
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

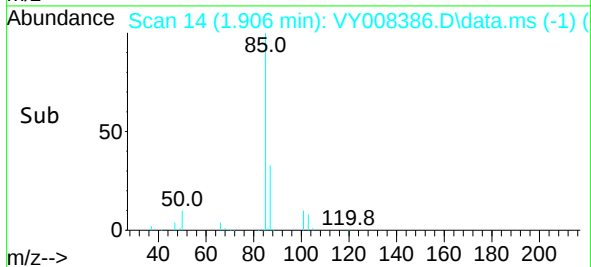
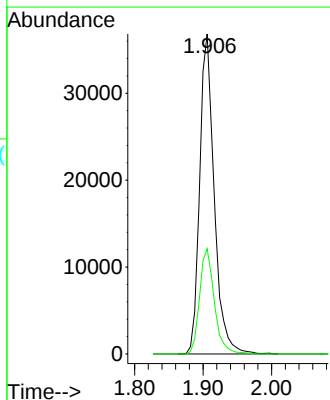
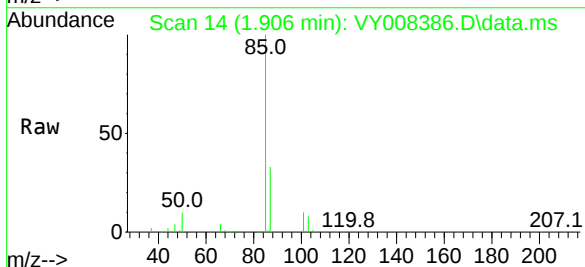
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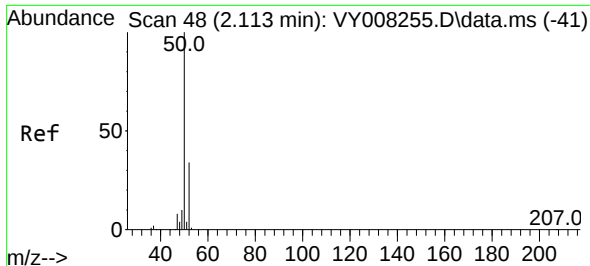
Tgt Ion:168 Resp: 168994
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 38.811 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 85 Resp: 54316
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

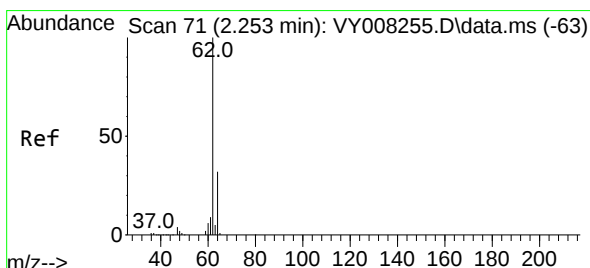
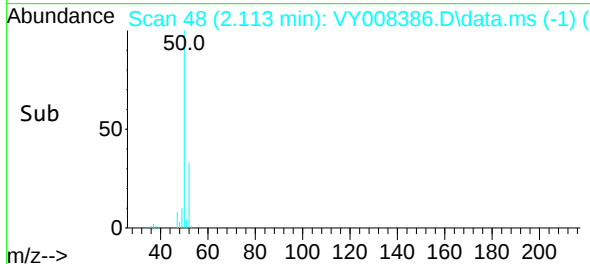
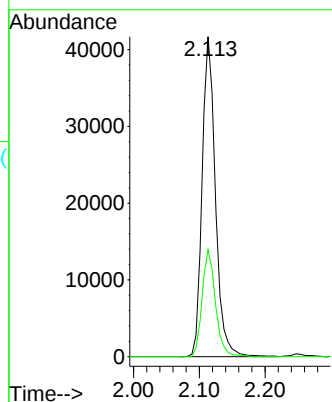
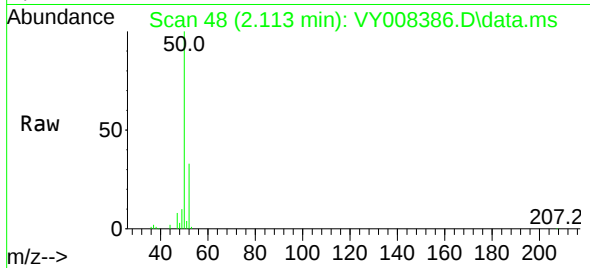




#3
Chloromethane
Concen: 35.421 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

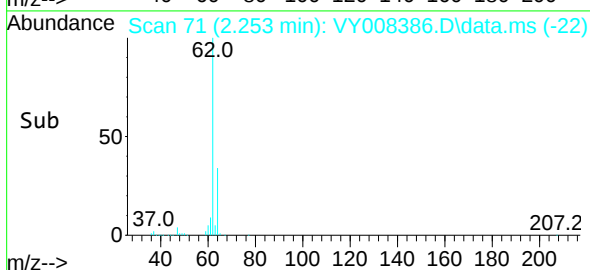
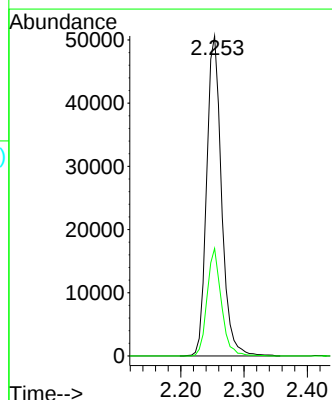
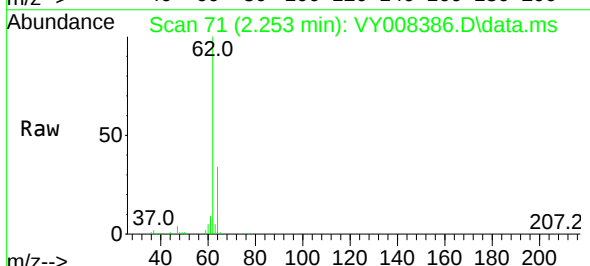
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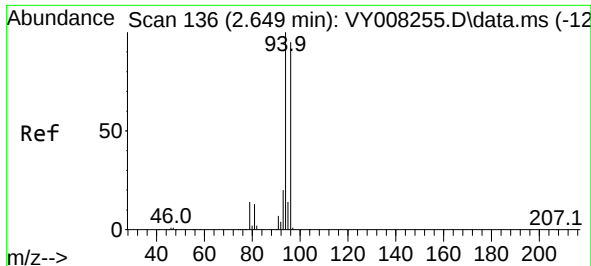
Tgt Ion: 50 Resp: 58704
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0



#4
Vinyl Chloride
Concen: 34.454 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 62 Resp: 82949
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6

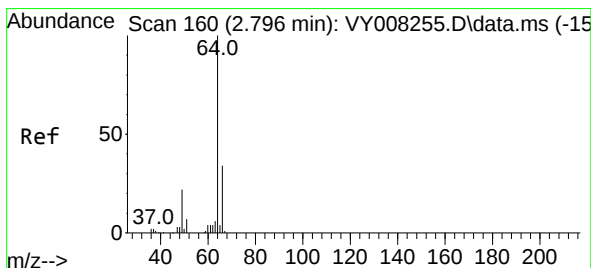
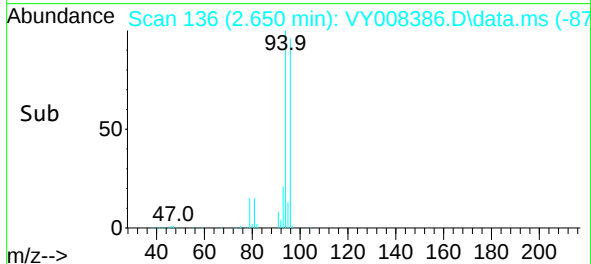
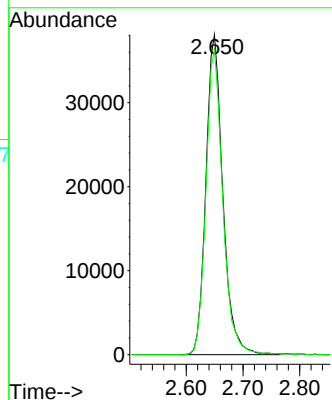
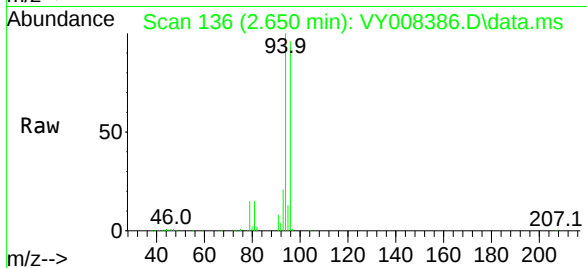




#5
Bromomethane
Concen: 41.466 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008386.D
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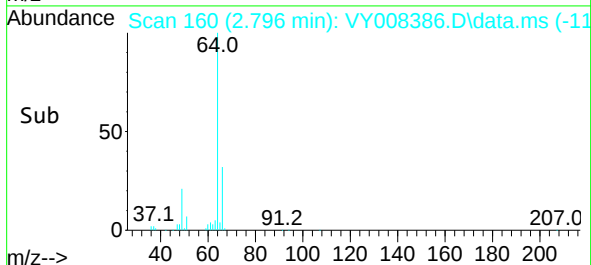
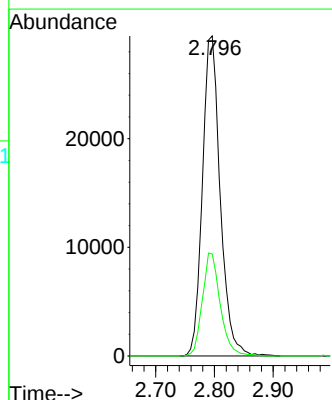
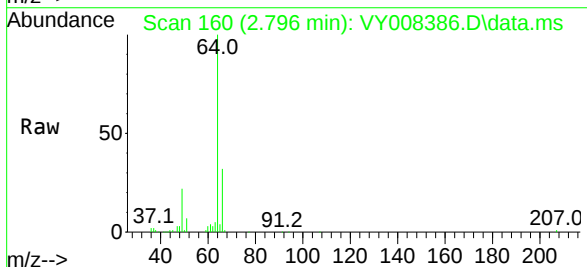
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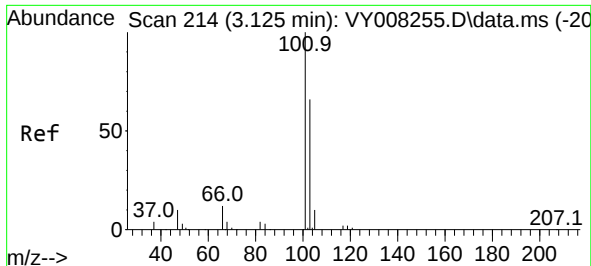
Tgt Ion: 94 Resp: 78990
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 36.803 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 64 Resp: 62059
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

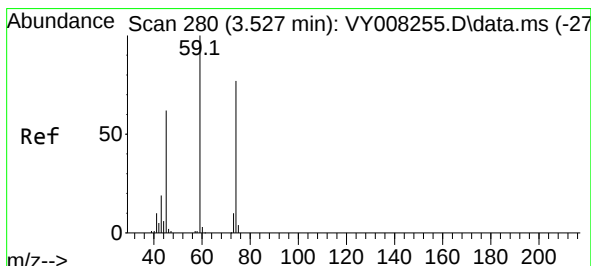
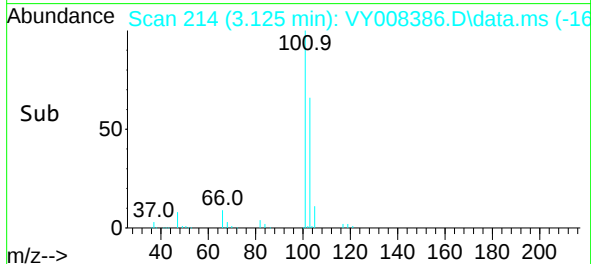
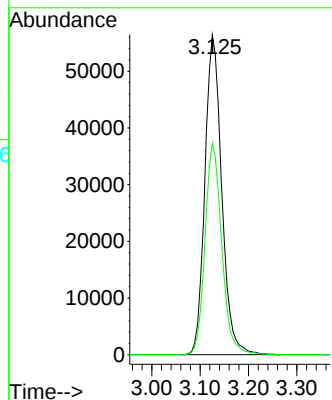
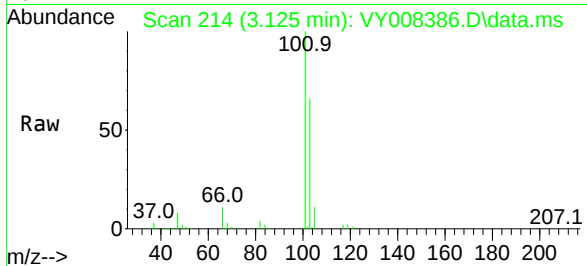




#7
Trichlorofluoromethane
Concen: 47.644 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

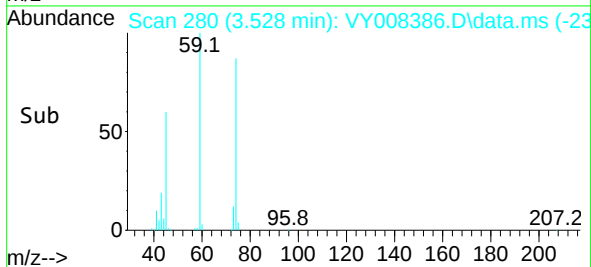
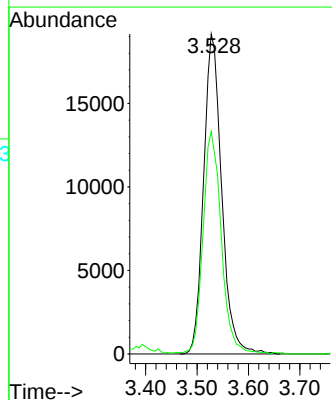
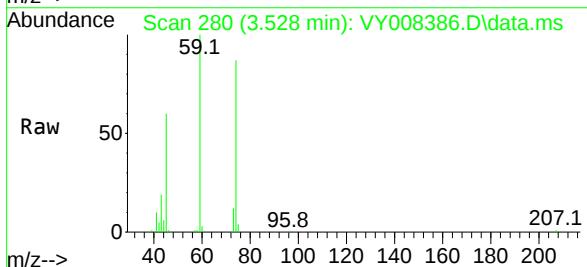
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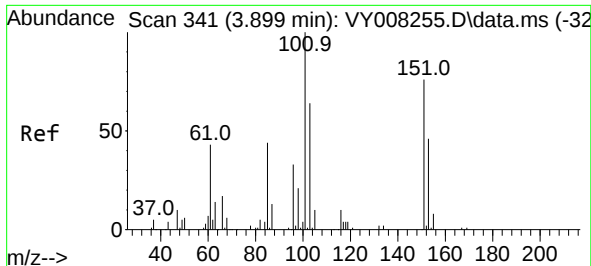
Tgt Ion:101 Resp: 136486
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0



#8
Diethyl Ether
Concen: 45.127 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 74 Resp: 46719
Ion Ratio Lower Upper
74 100
45 70.6 55.1 165.5

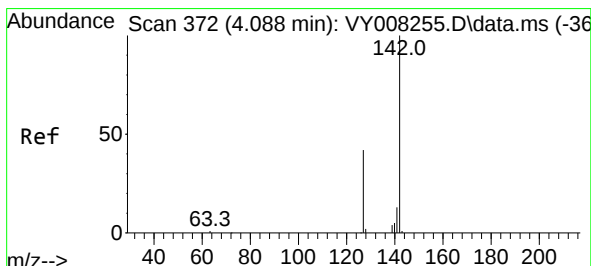
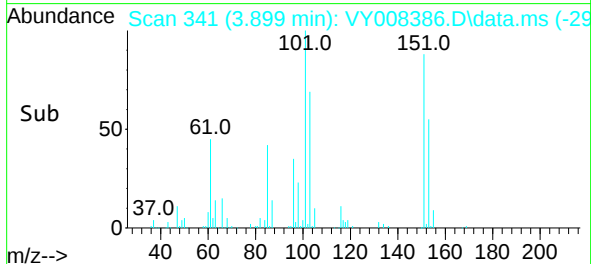
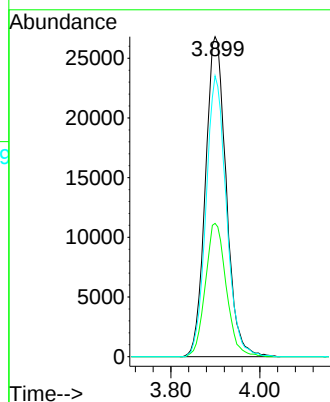
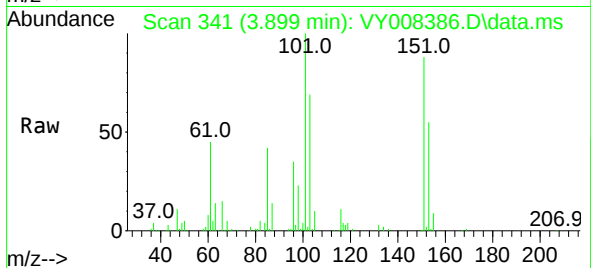




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.834 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008386.D
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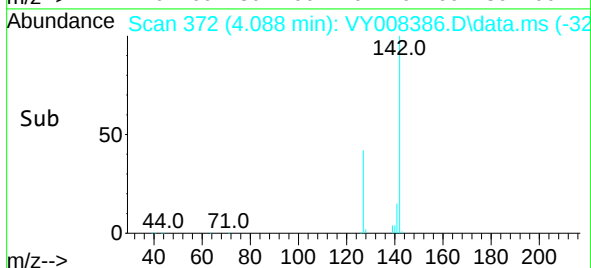
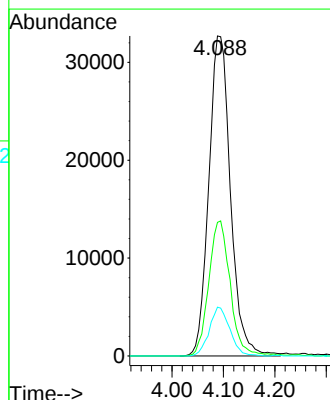
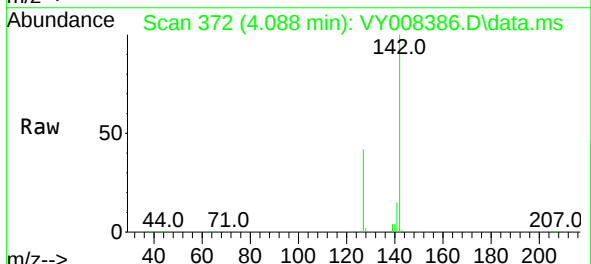
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

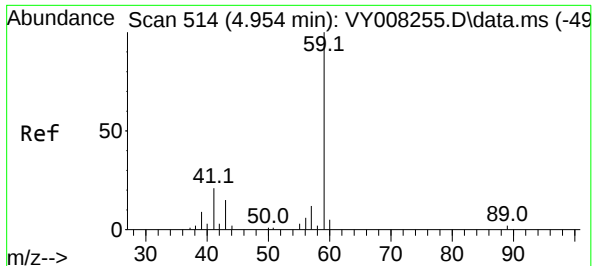
Tgt Ion:101 Resp: 87150
Ion Ratio Lower Upper
101 100
85 41.9 40.6 60.8
151 86.1 64.9 97.3



#10
Methyl Iodide
Concen: 46.228 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:142 Resp: 95739
Ion Ratio Lower Upper
142 100
127 41.9 41.5 62.3
141 14.5 11.9 17.9

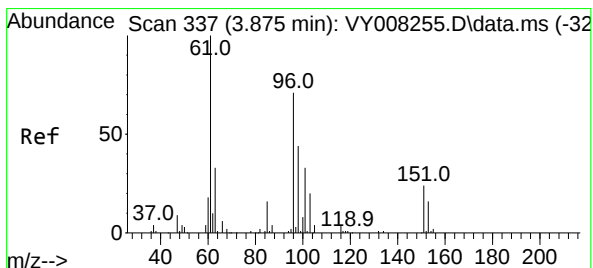
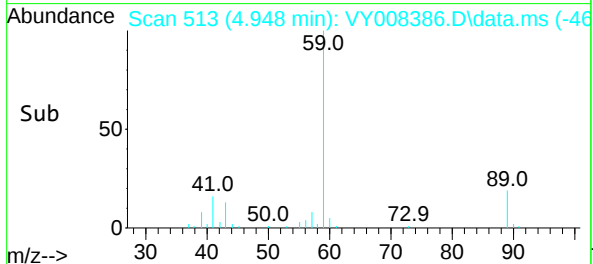
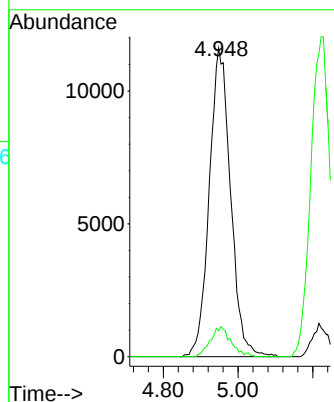
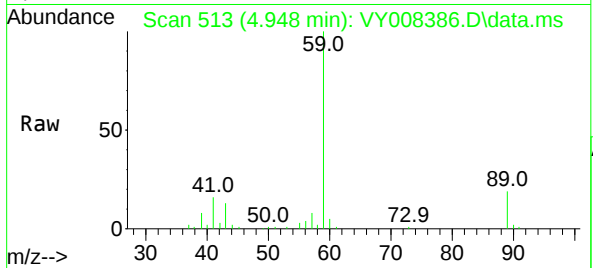




#11
Tert butyl alcohol
Concen: 270.586 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

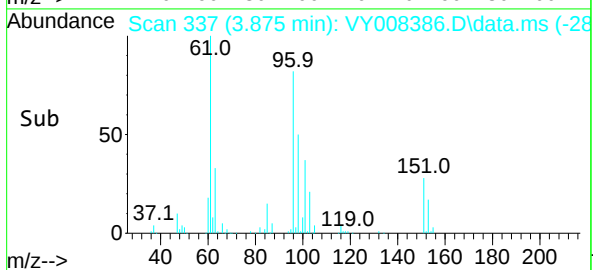
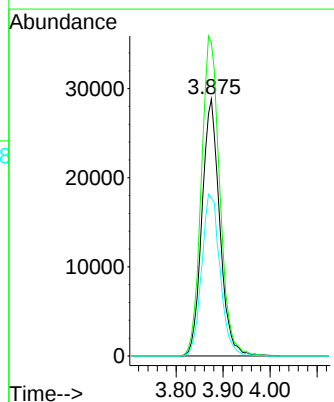
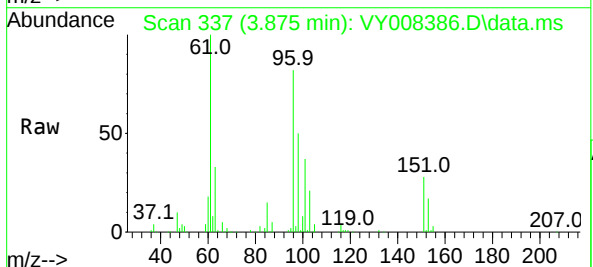
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

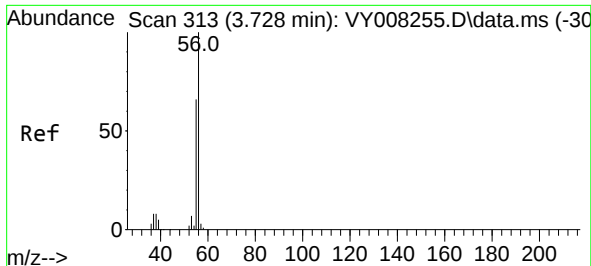
Tgt Ion: 59 Resp: 45920
Ion Ratio Lower Upper
59 100
57 9.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 45.312 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

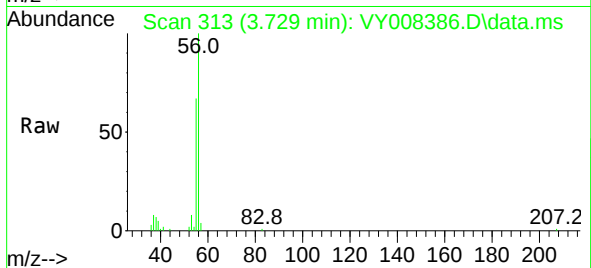
Tgt Ion: 96 Resp: 75527
Ion Ratio Lower Upper
96 100
61 121.9 145.8 218.6#
98 61.4 52.5 78.7



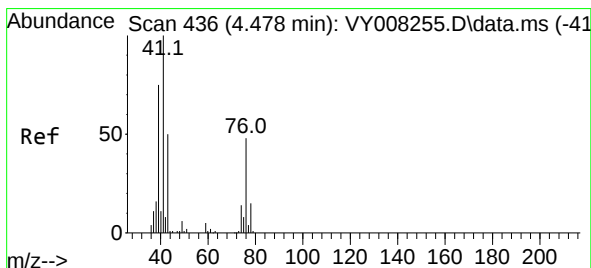
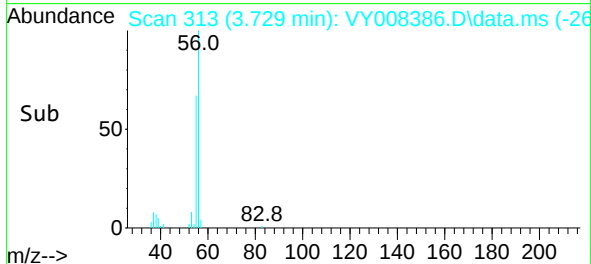
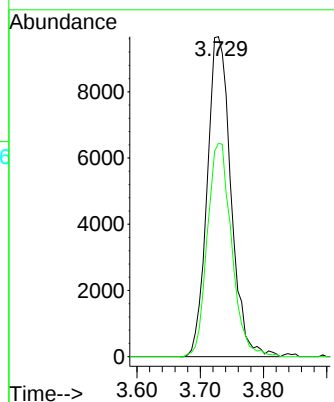


#13
Acrolein
Concen: 189.119 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

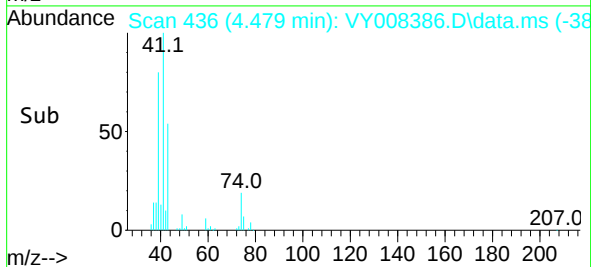
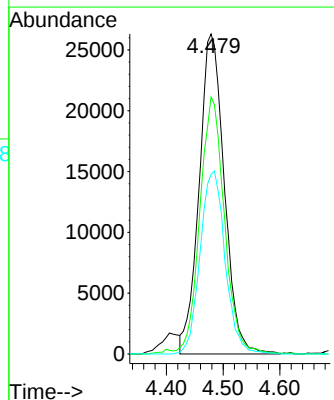
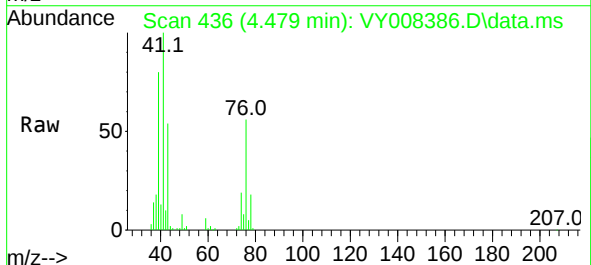


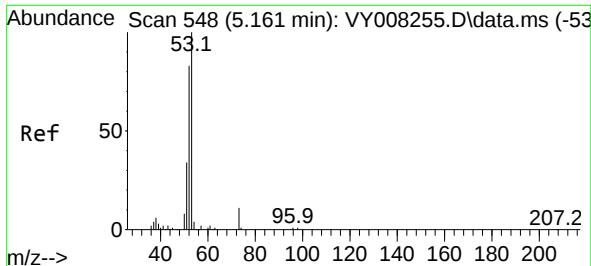
Tgt Ion: 56 Resp: 25271
Ion Ratio Lower Upper
56 100
55 67.9 57.6 86.4



#14
Allyl chloride
Concen: 37.246 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 41 Resp: 81024
Ion Ratio Lower Upper
41 100
39 78.5 58.8 88.2
76 56.9 25.1 37.7#

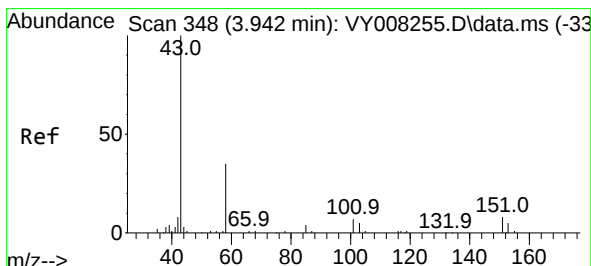
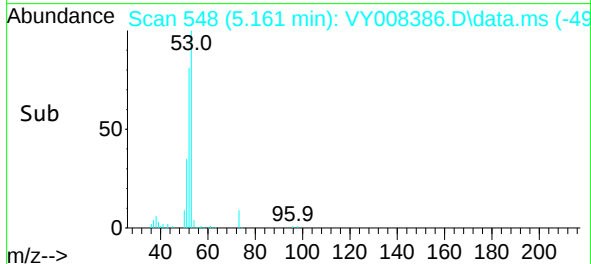
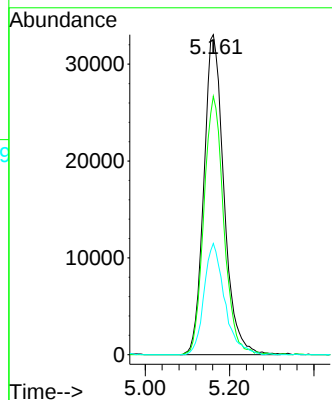
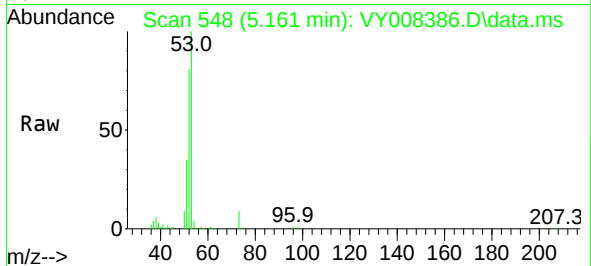




#15
Acrylonitrile
Concen: 216.692 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

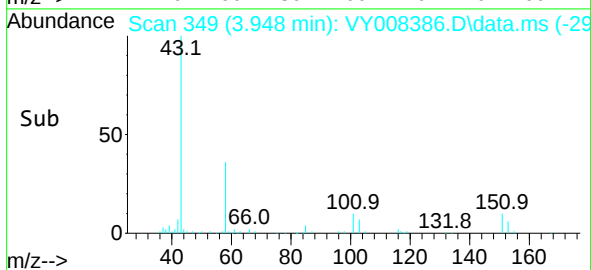
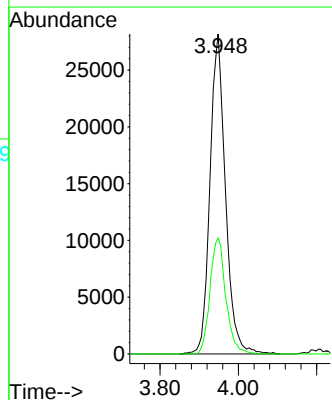
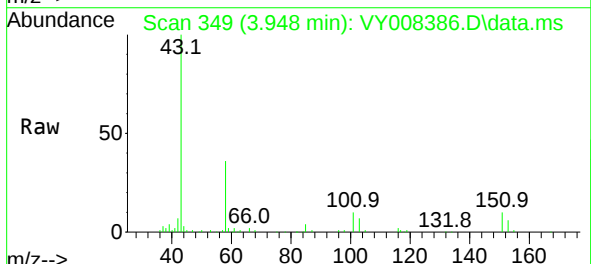
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

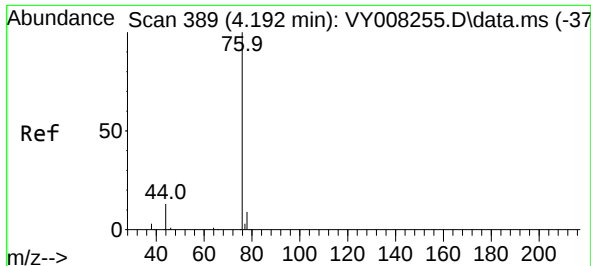
Tgt Ion: 53 Resp: 109725
Ion Ratio Lower Upper
53 100
52 79.8 67.0 100.4
51 35.6 29.8 44.6



#16
Acetone
Concen: 201.688 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 43 Resp: 77006
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#

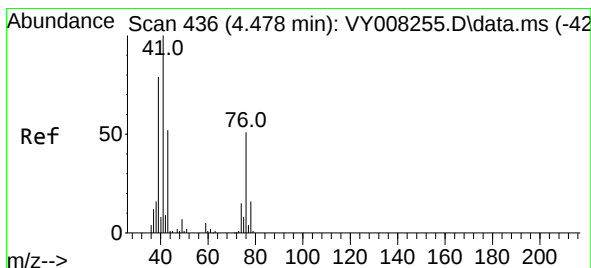
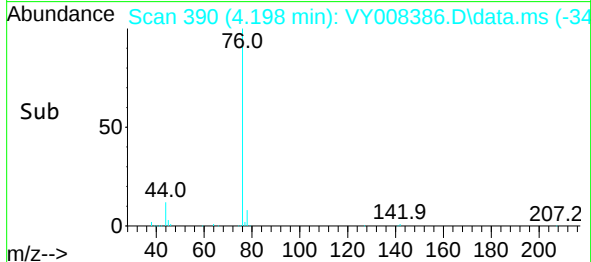
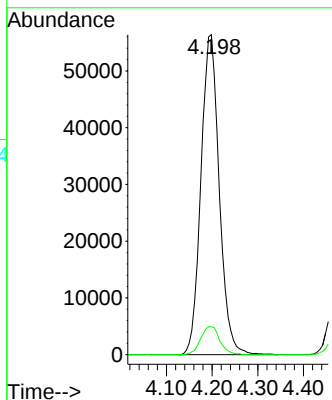
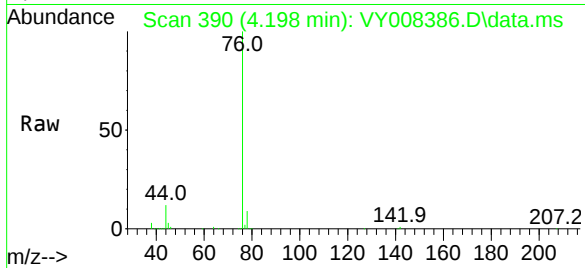




#17
Carbon Disulfide
Concen: 35.628 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

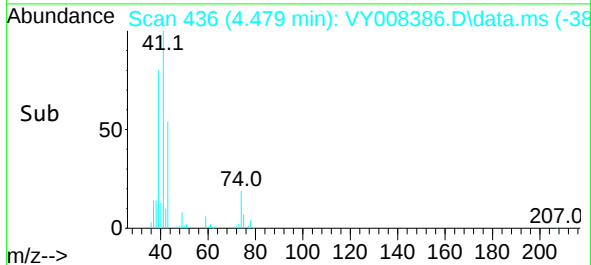
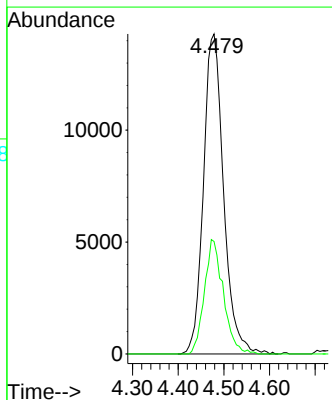
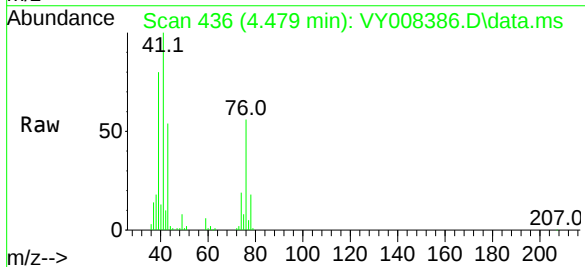
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

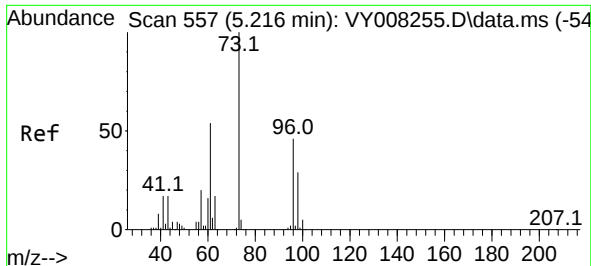
Tgt Ion: 76 Resp: 156669
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 47.024 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 43 Resp: 43768
Ion Ratio Lower Upper
43 100
74 33.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 46.563 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

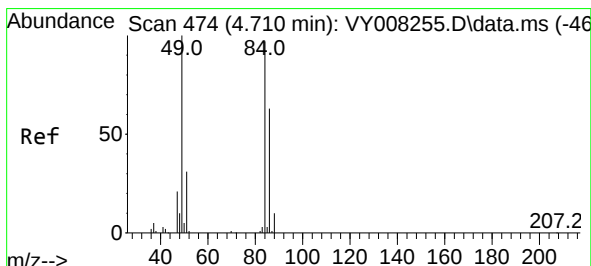
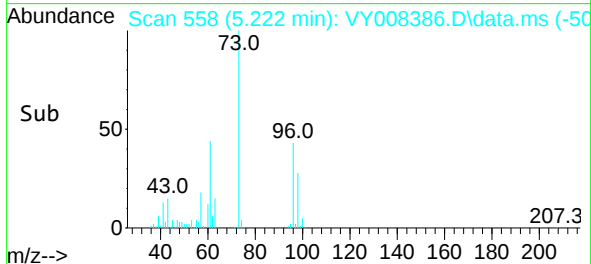
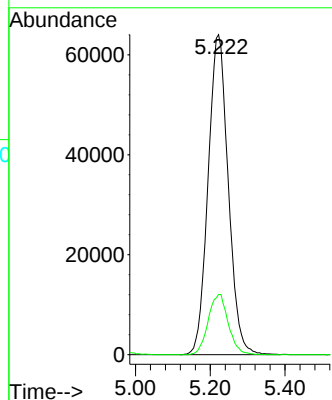
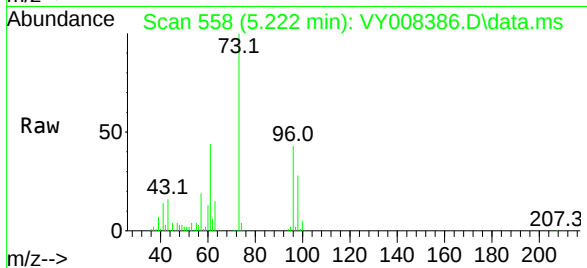
VSTDCCC050EC

Tgt Ion: 73 Resp: 239515

Ion Ratio Lower Upper

73 100

57 18.8 18.6 27.8



#20

Methylene Chloride

Concen: 46.511 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Tgt Ion: 84 Resp: 94911

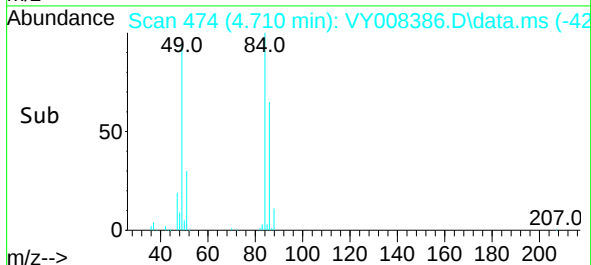
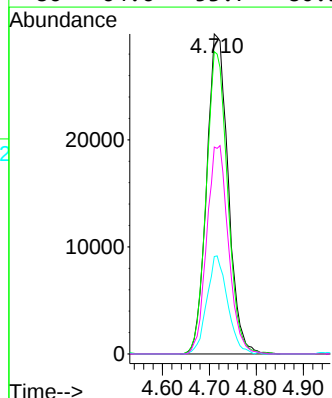
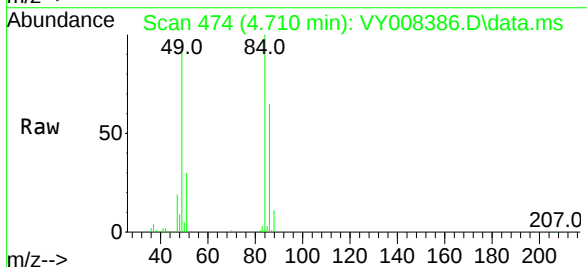
Ion Ratio Lower Upper

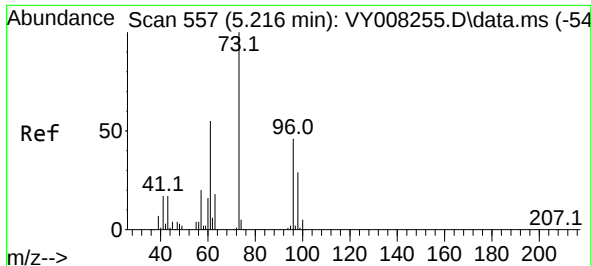
84 100

49 94.5 114.4 171.6#

51 30.4 35.3 52.9#

86 64.6 53.7 80.5

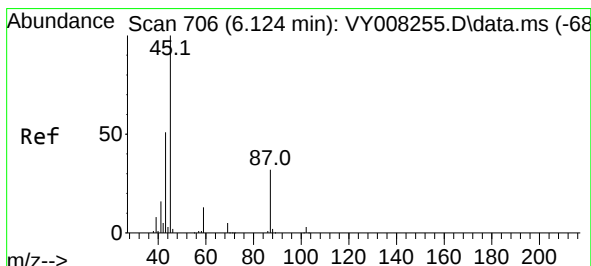
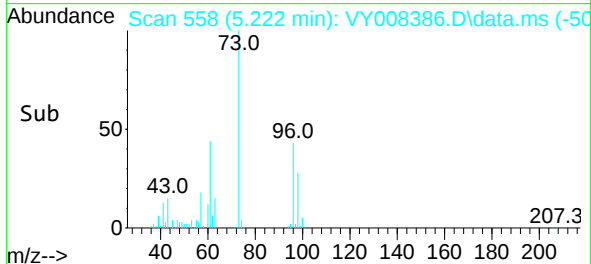
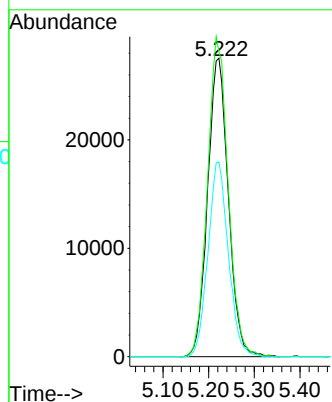
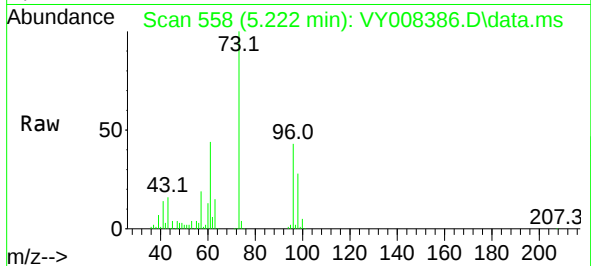




#21
trans-1,2-Dichloroethene
Concen: 43.461 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

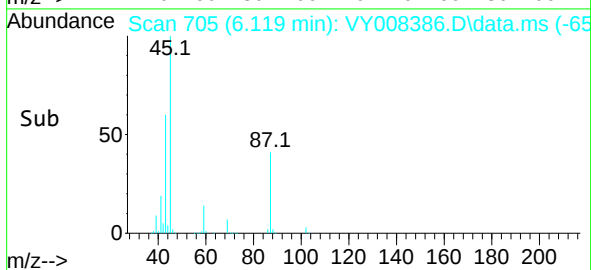
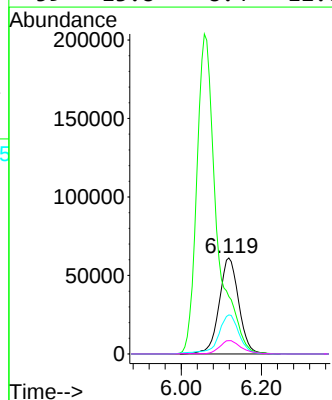
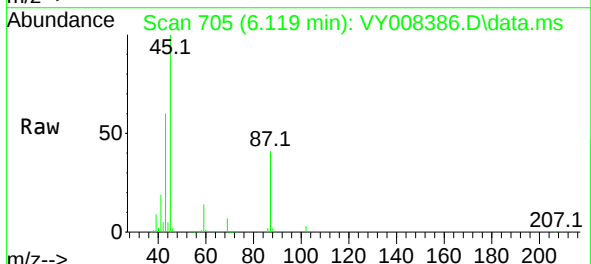
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

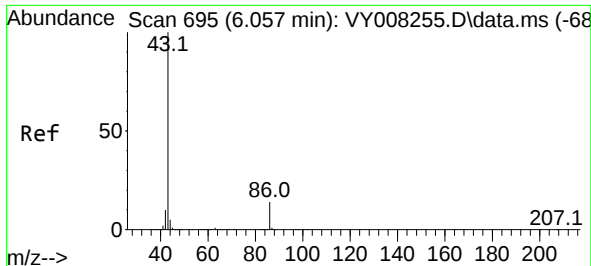
Tgt Ion: 96 Resp: 86795
Ion Ratio Lower Upper
96 100
61 102.1 120.5 180.7#
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 40.425 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.005 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 45 Resp: 207474
Ion Ratio Lower Upper
45 100
43 59.5 49.3 73.9
87 40.7 19.2 28.8#
59 13.8 8.4 12.6#

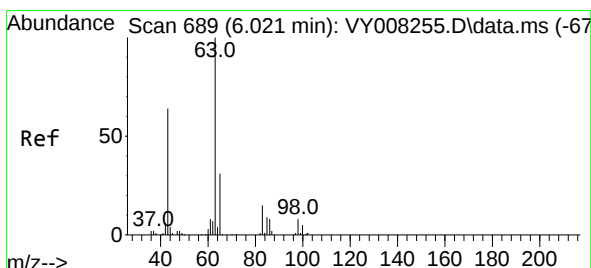
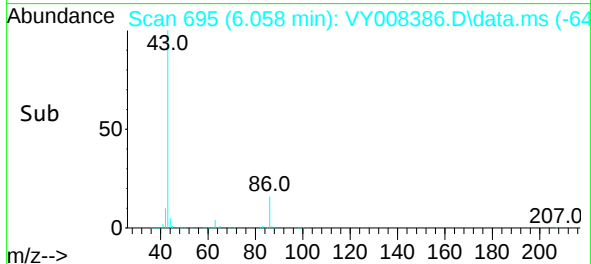
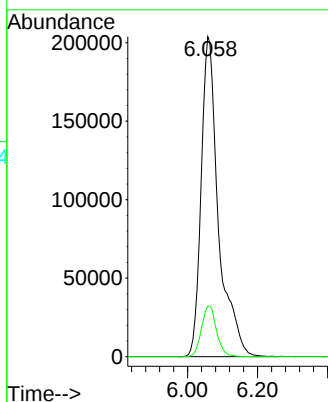
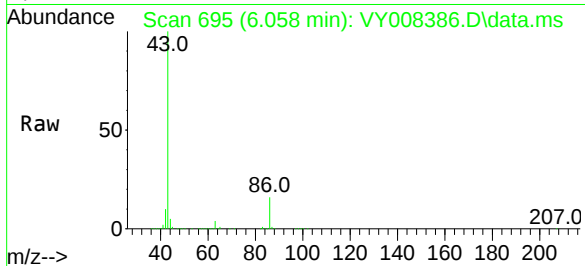




#23
 Vinyl Acetate
 Concen: 210.338 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

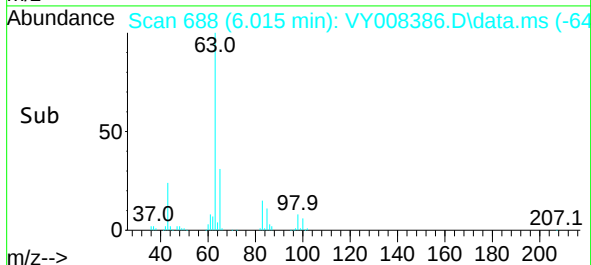
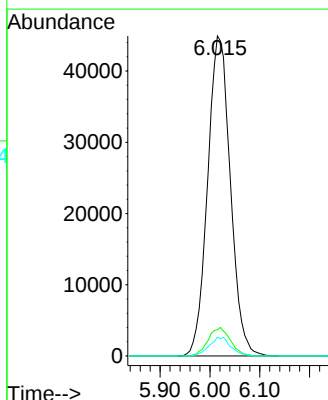
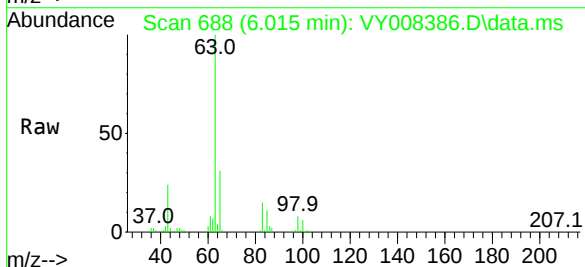
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

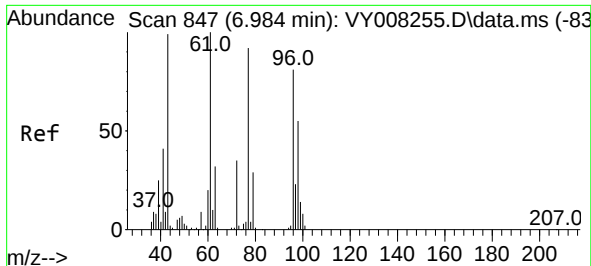
Tgt Ion: 43 Resp: 699481
 Ion Ratio Lower Upper
 43 100
 86 15.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 43.218 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Tgt Ion: 63 Resp: 142378
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.9 2.0 5.8#





#25

2-Butanone

Concen: 215.720 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

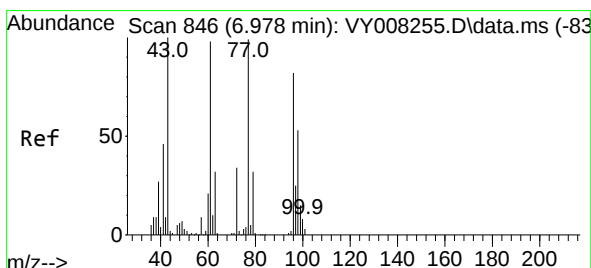
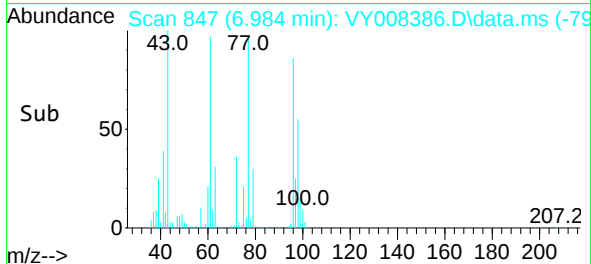
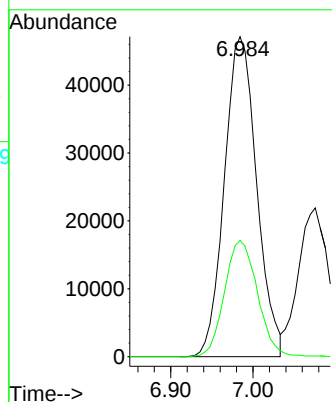
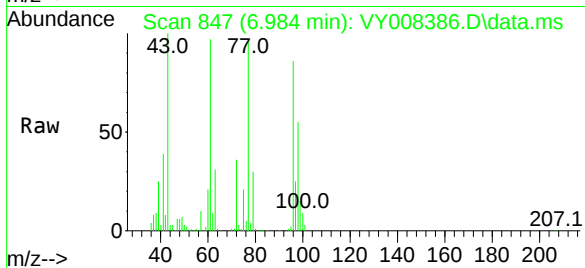
VSTDCCC050EC

Tgt Ion: 43 Resp: 128789

Ion Ratio Lower Upper

43 100

72 36.3 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 44.808 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008386.D

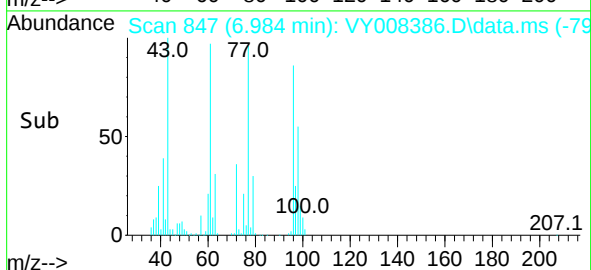
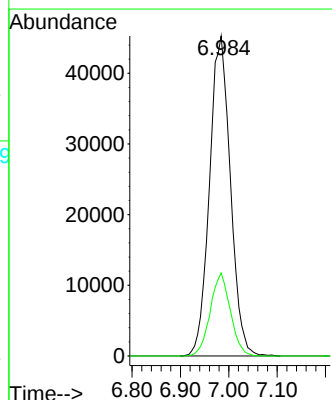
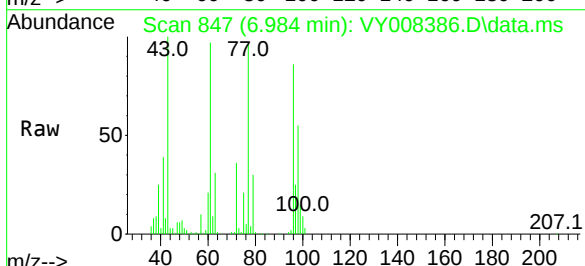
Acq: 18 Apr 2022 20:13

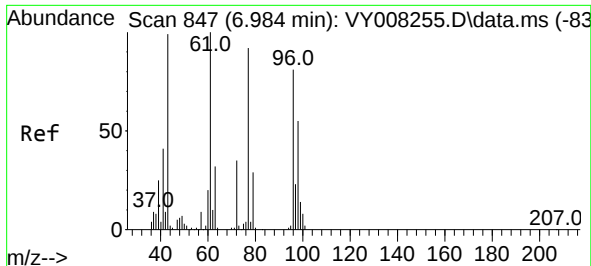
Tgt Ion: 77 Resp: 135940

Ion Ratio Lower Upper

77 100

97 24.9 10.4 31.4



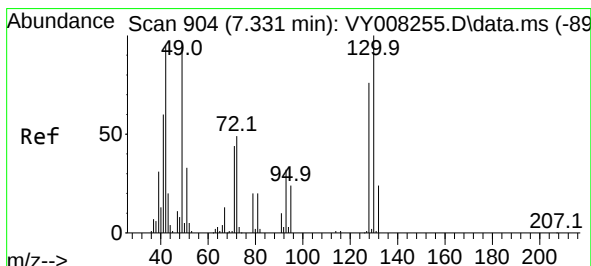
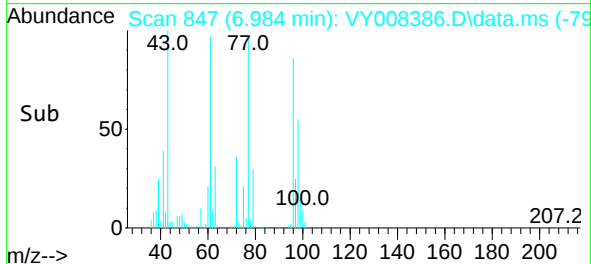
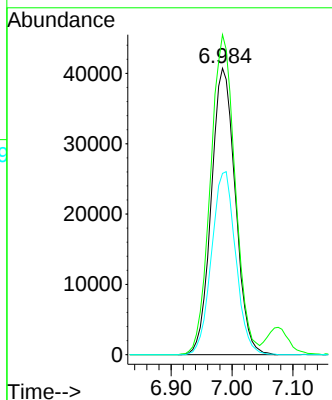
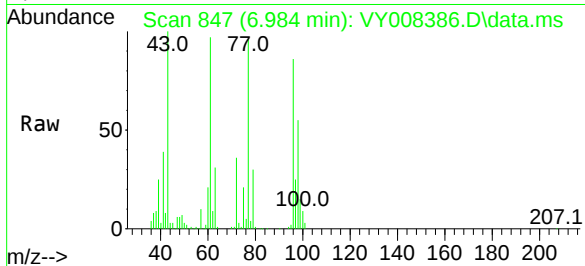


#27
 cis-1,2-Dichloroethene
 Concen: 47.098 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 111600

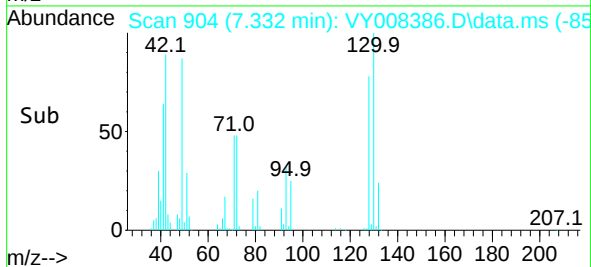
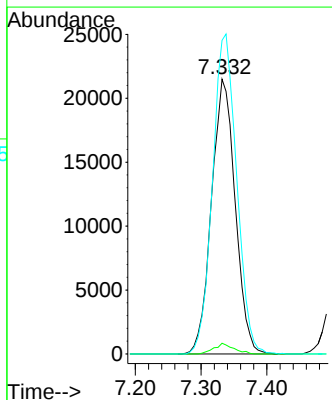
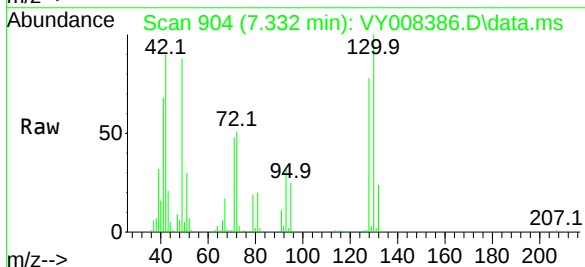
Ion	Ratio	Lower	Upper
96	100		
61	114.7	0.0	319.8
98	64.2	0.0	127.0

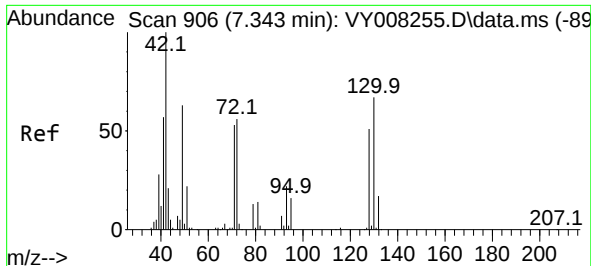


#28
 Bromochloromethane
 Concen: 42.742 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Tgt Ion: 49 Resp: 53973

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	2.2#
130	118.5	55.4	83.0#





#29

Tetrahydrofuran

Concen: 216.134 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

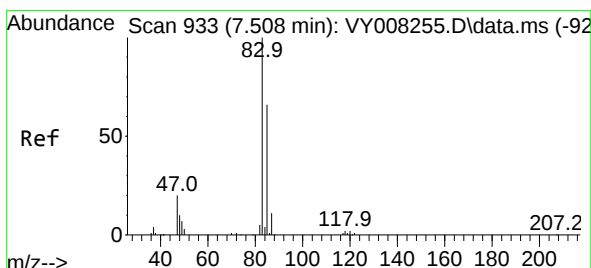
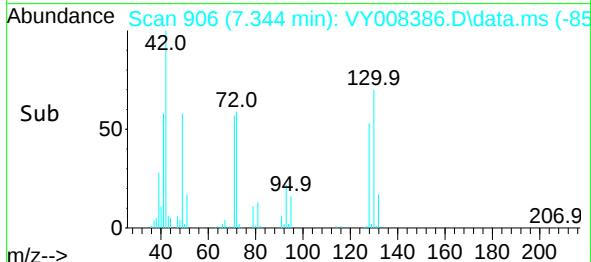
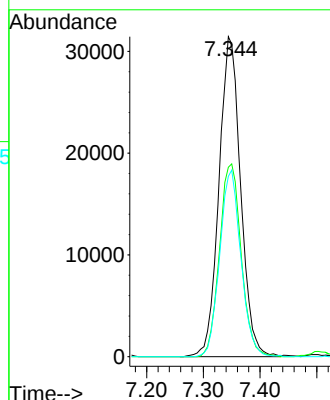
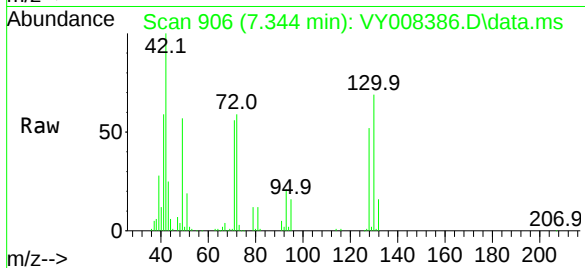
Tgt Ion: 42 Resp: 83310

Ion Ratio Lower Upper

42 100

72 60.5 30.3 45.5#

71 56.9 29.0 43.4#



#30

Chloroform

Concen: 46.720 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY008386.D

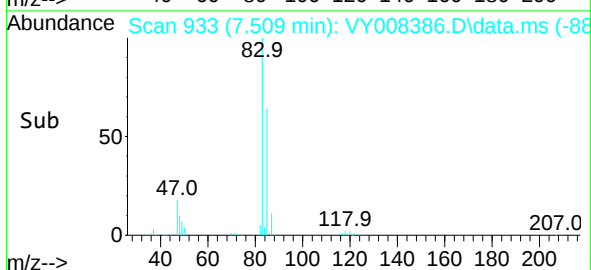
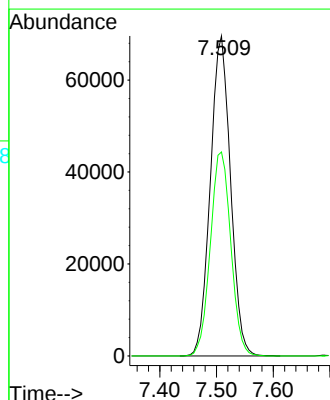
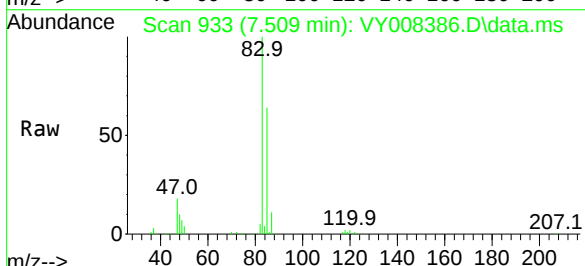
Acq: 18 Apr 2022 20:13

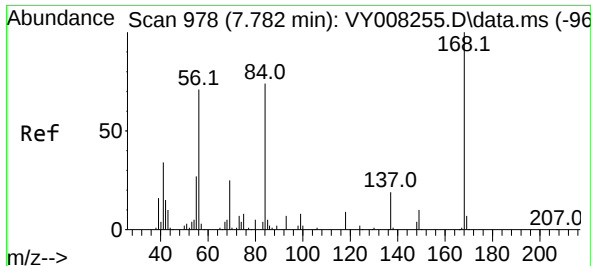
Tgt Ion: 83 Resp: 171864

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

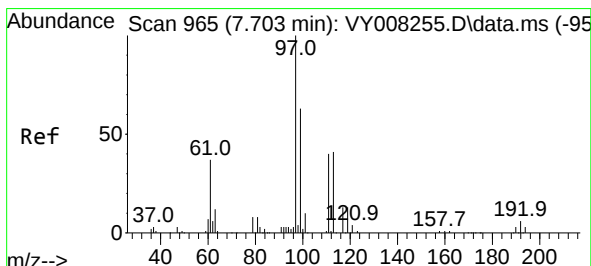
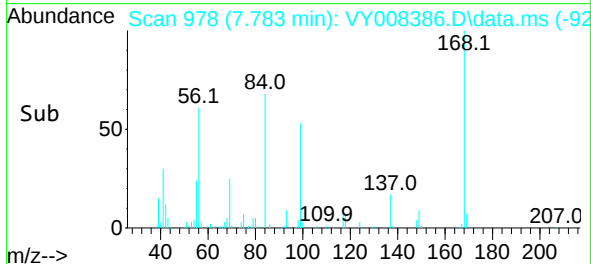
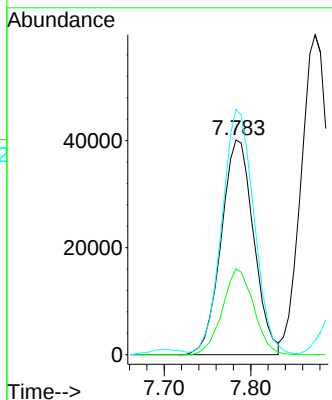
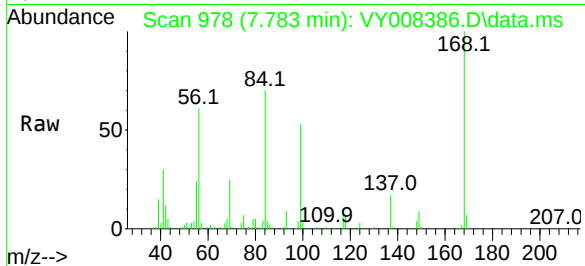




#31
Cyclohexane
Concen: 36.406 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

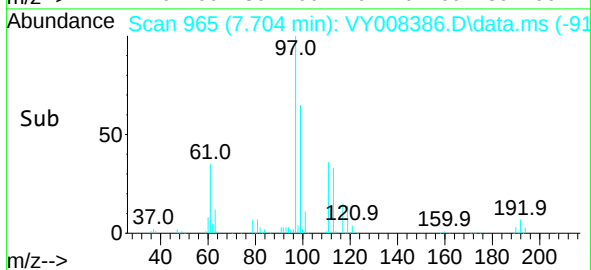
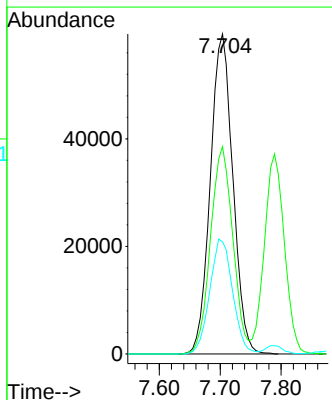
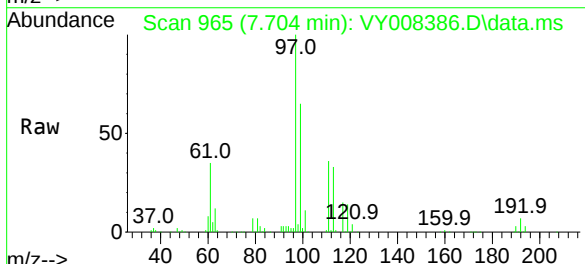
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

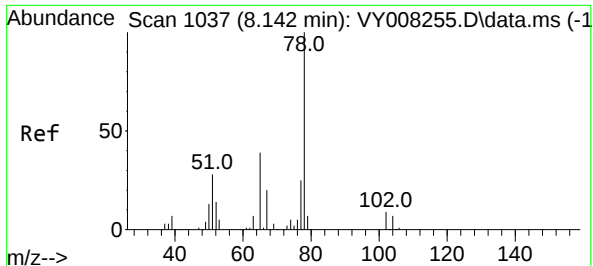
Tgt Ion: 56 Resp: 104504
Ion Ratio Lower Upper
56 100
69 40.0 26.7 40.1
84 112.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 47.460 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 97 Resp: 152726
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 36.4 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 39.852 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

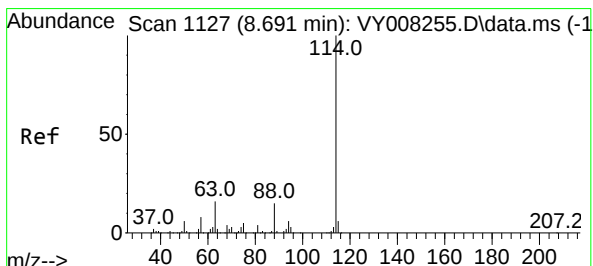
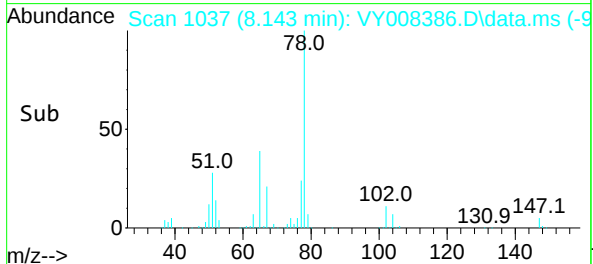
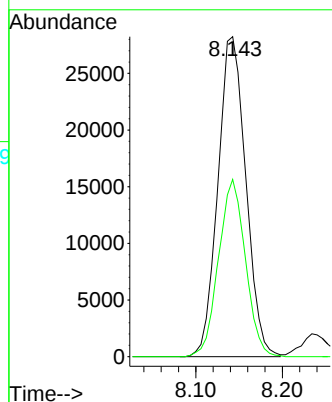
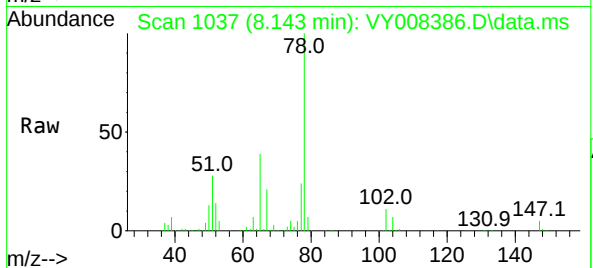
VSTDCCC050EC

Tgt Ion: 65 Resp: 63261

Ion Ratio Lower Upper

65 100

67 53.3 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: VY008386.D

Acq: 18 Apr 2022 20:13

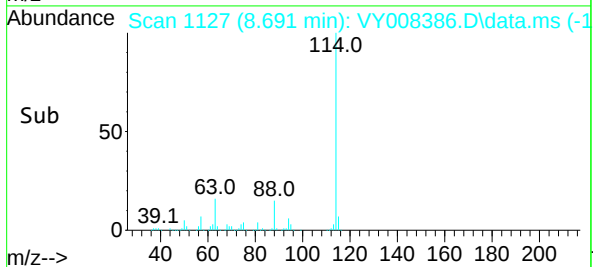
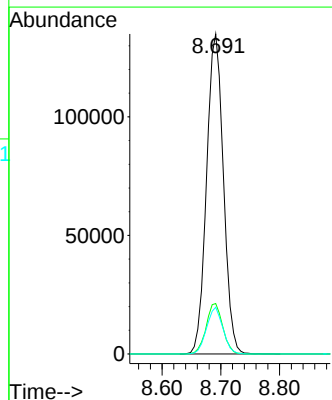
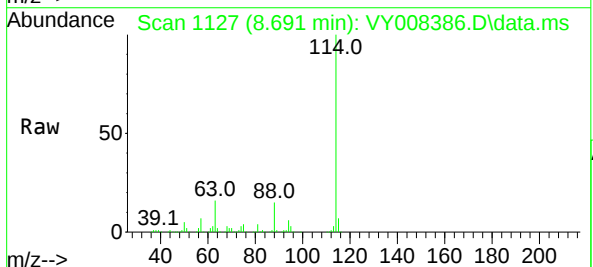
Tgt Ion: 114 Resp: 268279

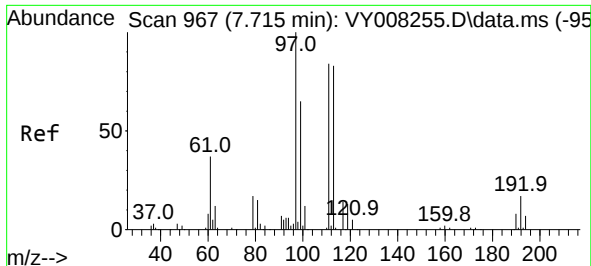
Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 14.6 0.0 31.8

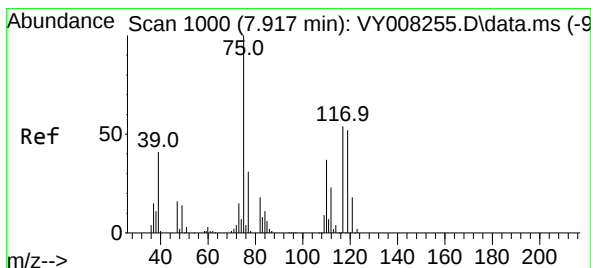
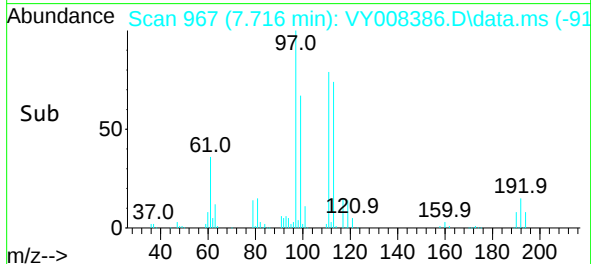
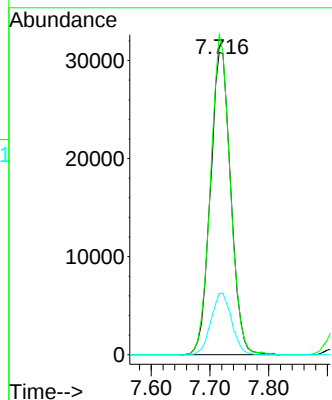
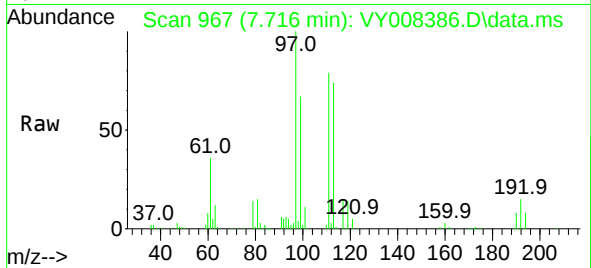




#35
Dibromofluoromethane
Concen: 48.146 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

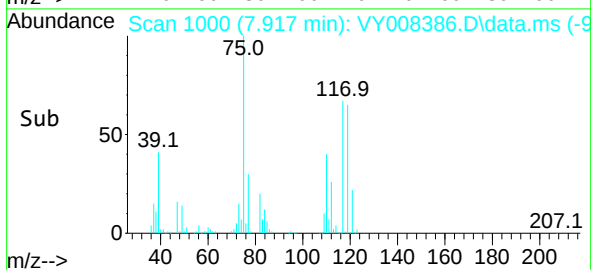
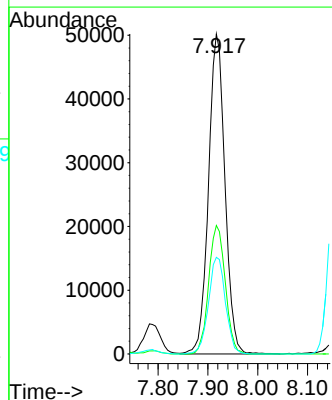
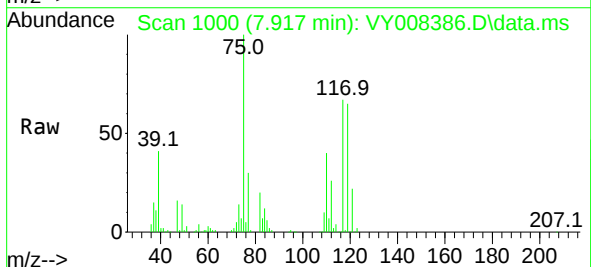
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

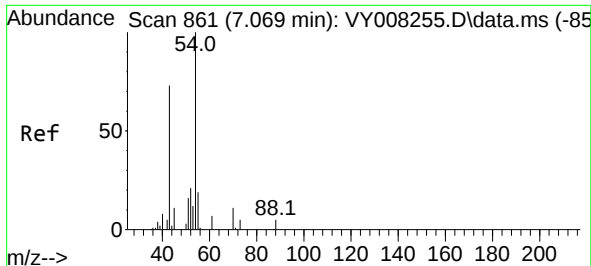
Tgt Ion:113 Resp: 74604
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 46.546 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 75 Resp: 115173
Ion Ratio Lower Upper
75 100
110 40.5 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 46.288 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

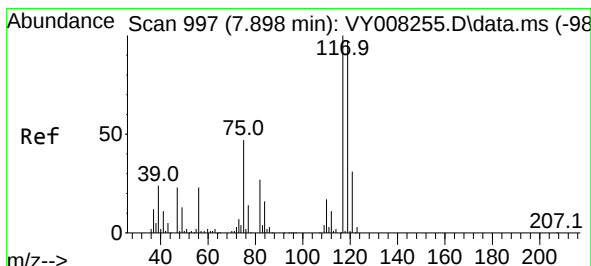
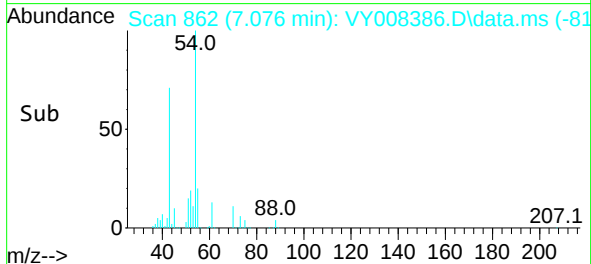
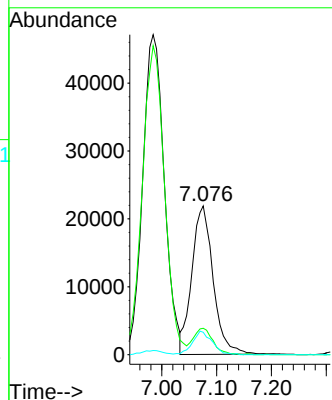
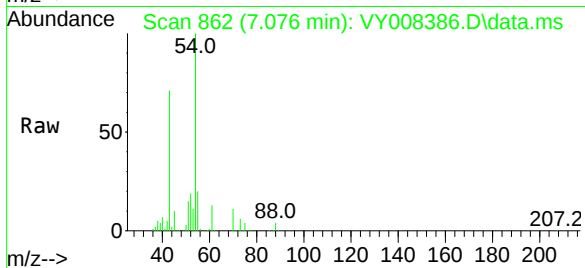
Tgt Ion: 43 Resp: 59057

Ion Ratio Lower Upper

43 100

61 16.5 9.7 14.5#

70 14.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.444 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

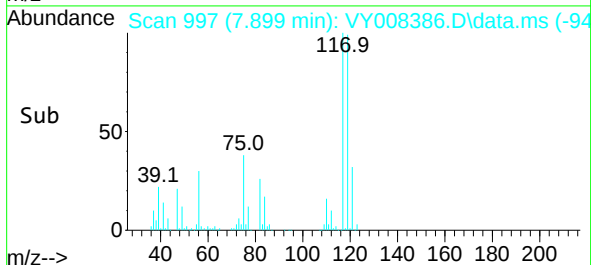
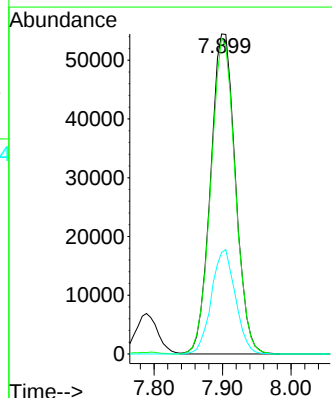
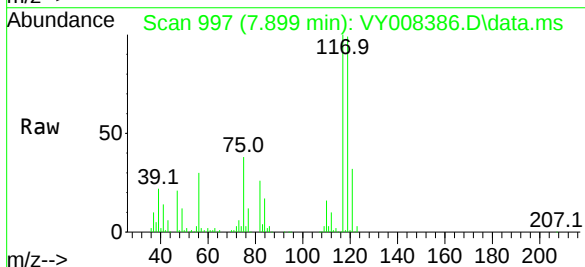
Tgt Ion: 117 Resp: 136943

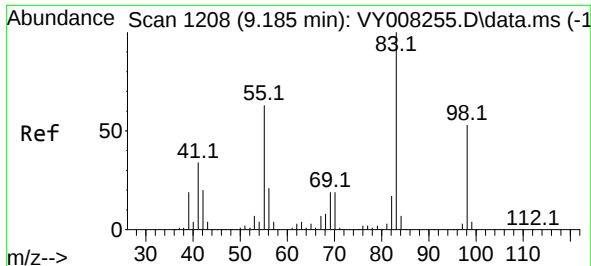
Ion Ratio Lower Upper

117 100

119 98.7 77.9 116.9

121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 44.833 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

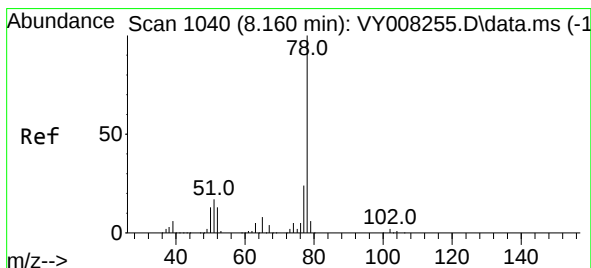
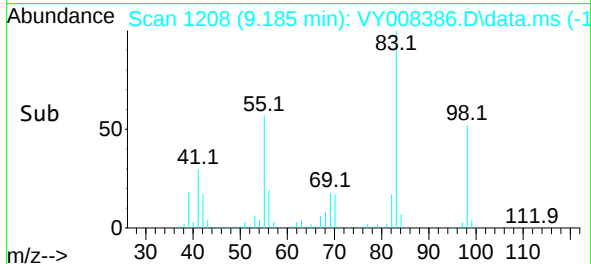
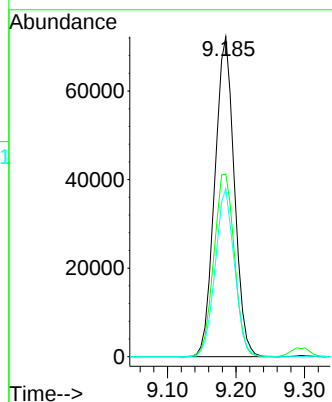
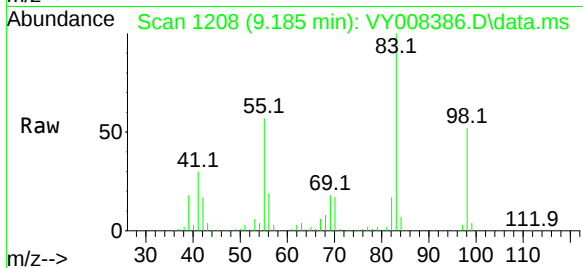
Tgt Ion: 83 Resp: 142734

Ion Ratio Lower Upper

83 100

55 57.1 66.5 99.7#

98 52.5 37.9 56.9



#40

Benzene

Concen: 47.052 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008386.D

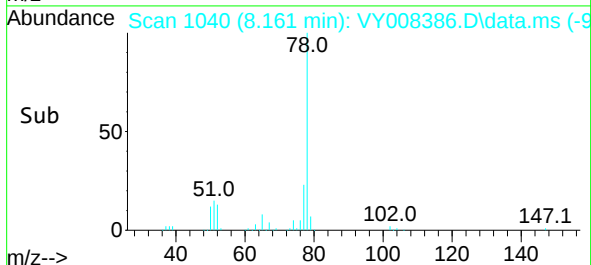
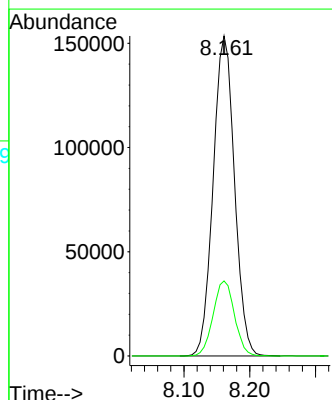
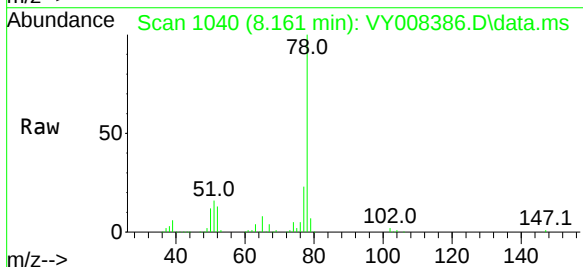
Acq: 18 Apr 2022 20:13

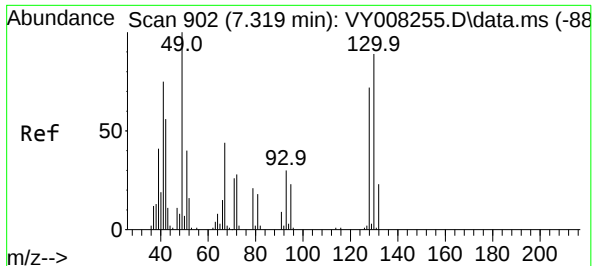
Tgt Ion: 78 Resp: 346692

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

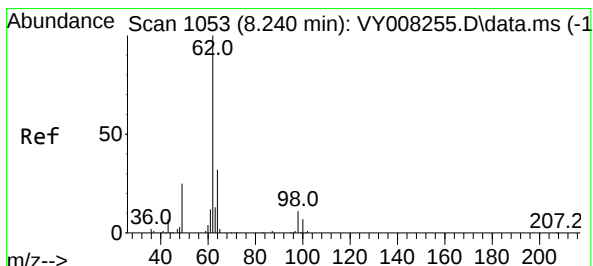
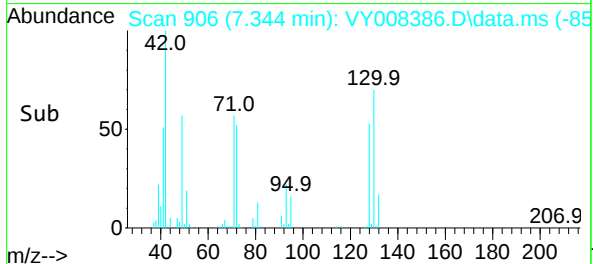
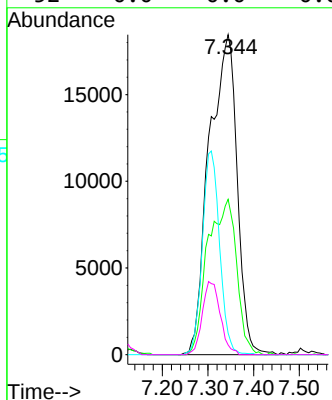
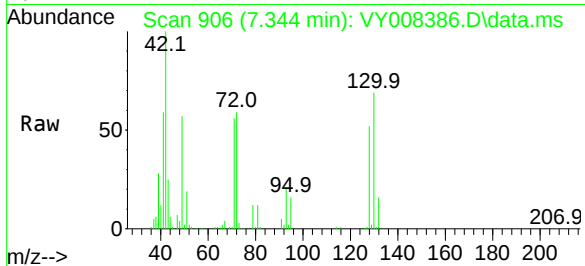




#41
Methacrylonitrile
Concen: 109.463 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

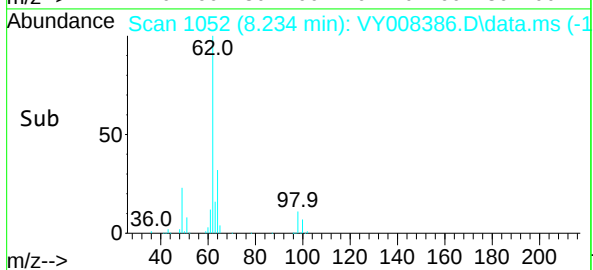
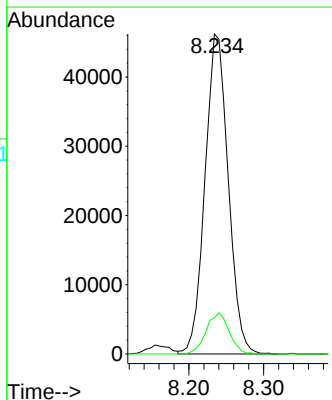
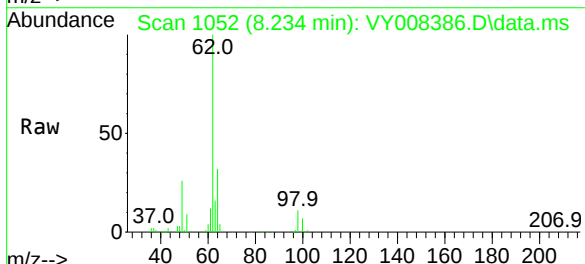
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

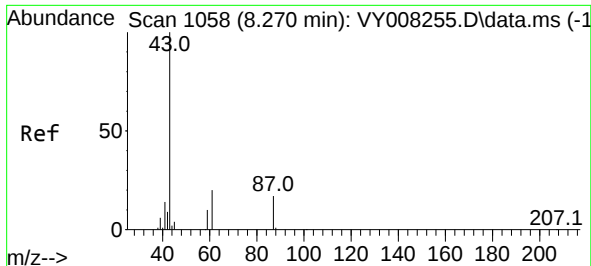
Tgt Ion: 41 Resp: 78131
Ion Ratio Lower Upper
41 100
39 50.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 46.671 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 62 Resp: 99768
Ion Ratio Lower Upper
62 100
98 12.7 0.0 14.8

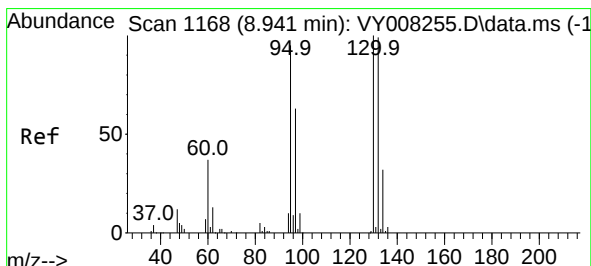
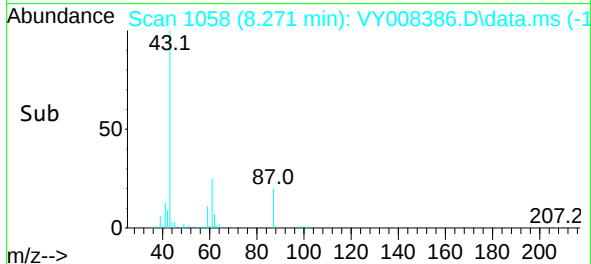
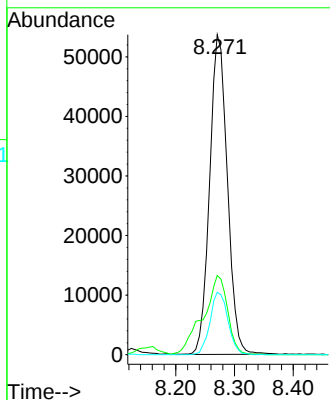
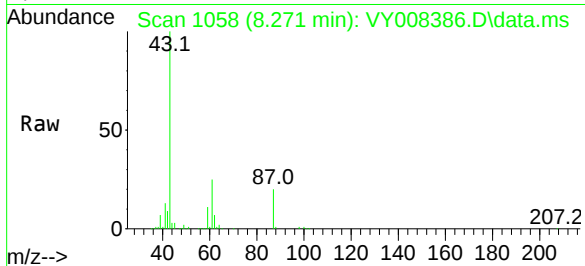




#43
Isopropyl Acetate
Concen: 47.529 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

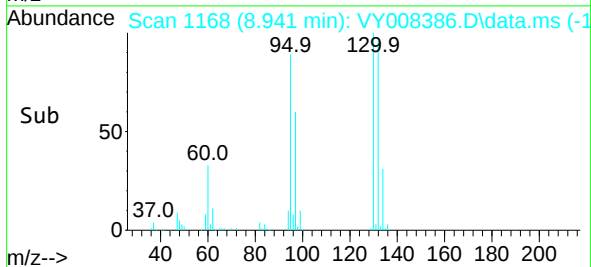
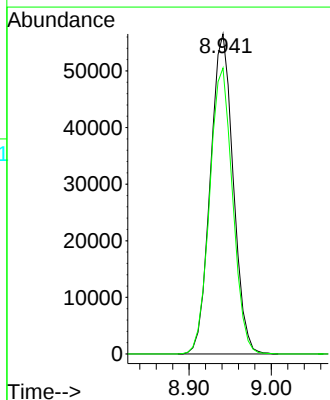
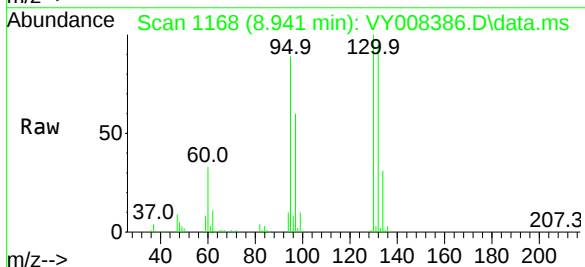
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

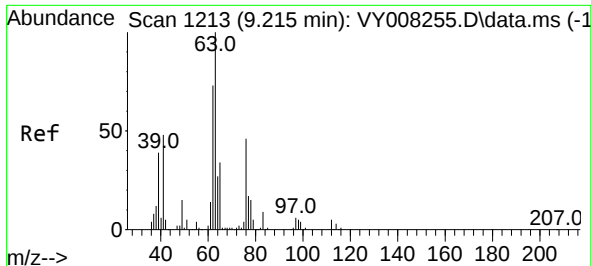
Tgt Ion: 43 Resp: 112544
Ion Ratio Lower Upper
43 100
61 34.3 20.2 30.2#
87 19.8 8.9 13.3#



#44
Trichloroethene
Concen: 51.988 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:130 Resp: 109172
Ion Ratio Lower Upper
130 100
95 89.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 46.340 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

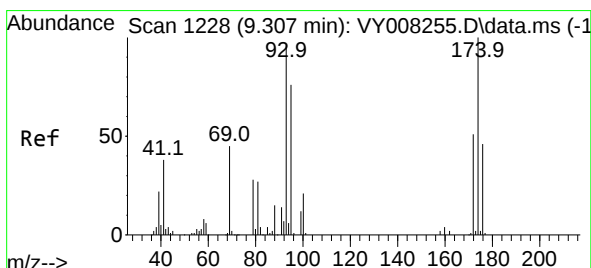
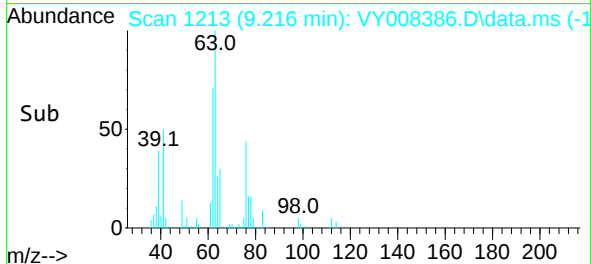
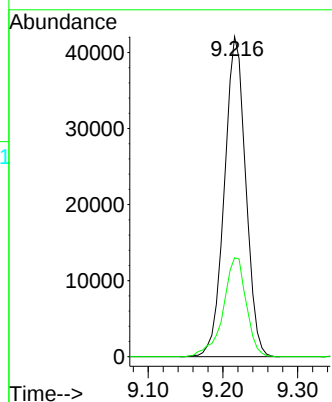
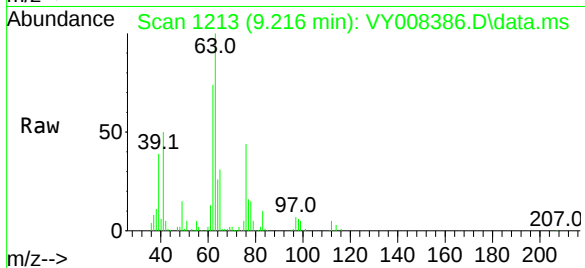
VSTDCCC050EC

Tgt Ion: 63 Resp: 83411

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 49.760 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

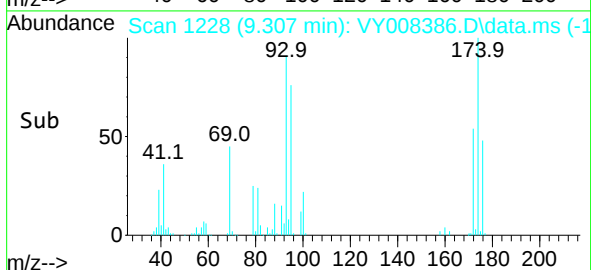
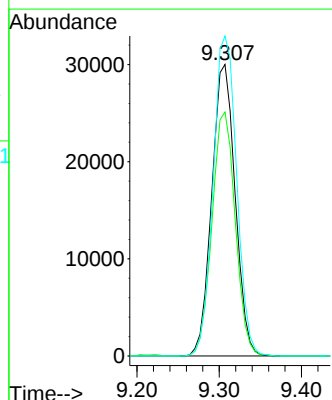
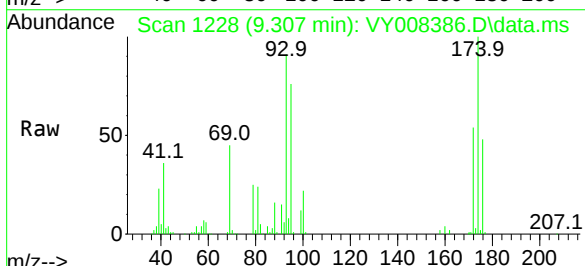
Tgt Ion: 93 Resp: 59281

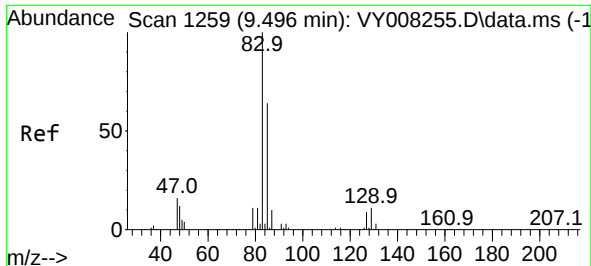
Ion Ratio Lower Upper

93 100

95 83.3 64.3 96.5

174 110.4 83.4 125.0

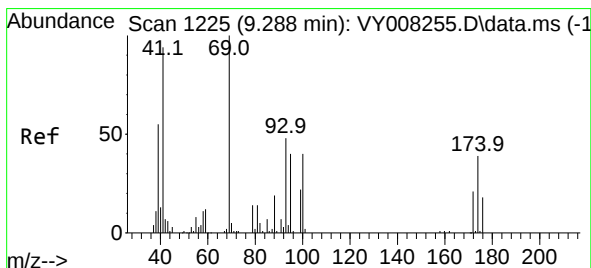
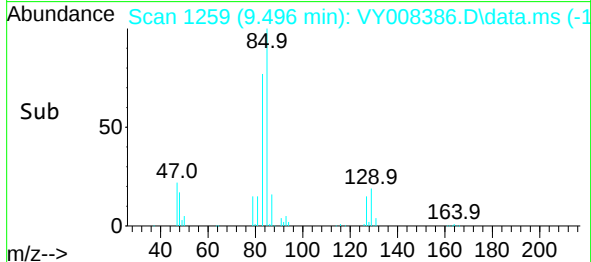
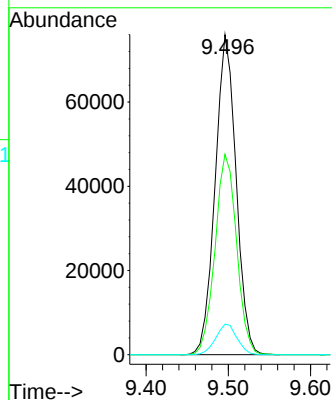
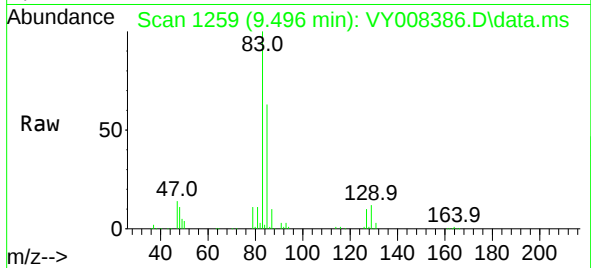




#47
Bromodichloromethane
Concen: 50.275 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

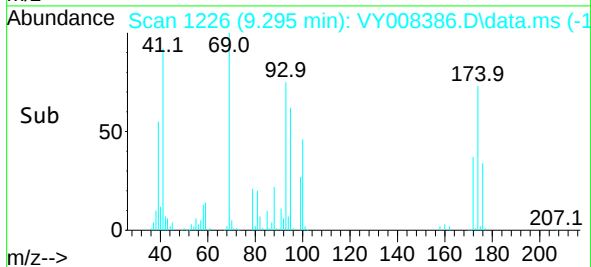
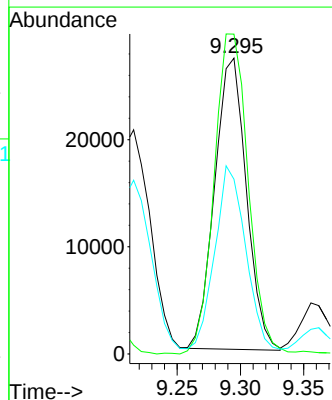
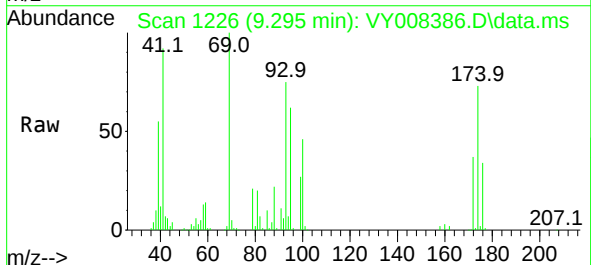
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

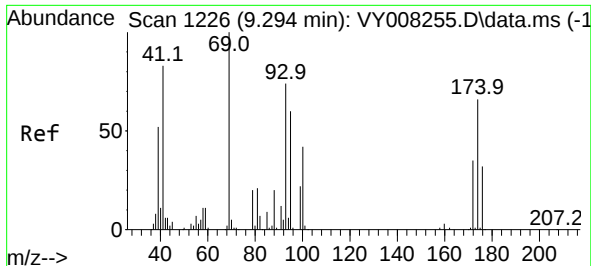
Tgt Ion: 83 Resp: 134699
Ion Ratio Lower Upper
83 100
85 62.6 51.9 77.9
127 9.6 6.6 10.0



#48
Methyl methacrylate
Concen: 47.160 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 41 Resp: 47471
Ion Ratio Lower Upper
41 100
69 116.6 58.2 87.2#
39 64.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1063.731 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

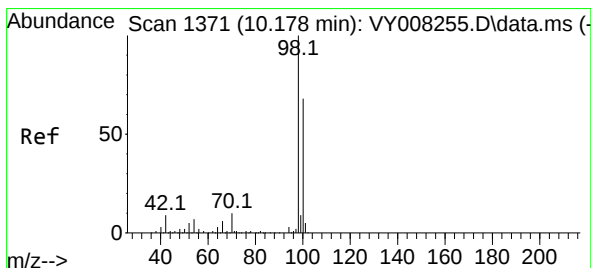
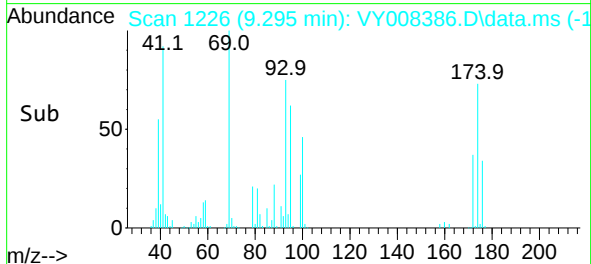
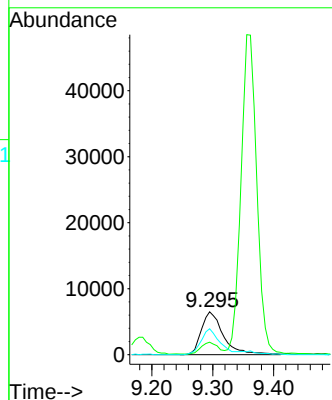
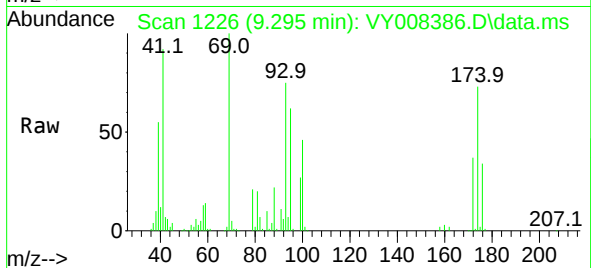
Tgt Ion: 88 Resp: 16354

Ion Ratio Lower Upper

88 100

43 21.7 32.8 49.2#

58 51.4 59.8 89.6#



#50

Toluene-d8

Concen: 45.108 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008386.D

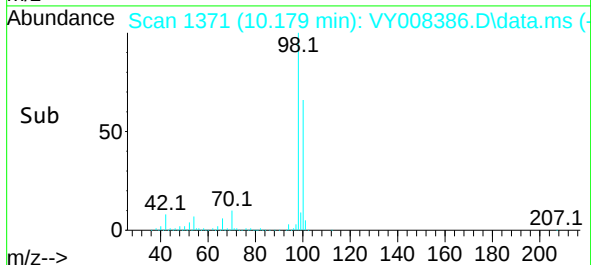
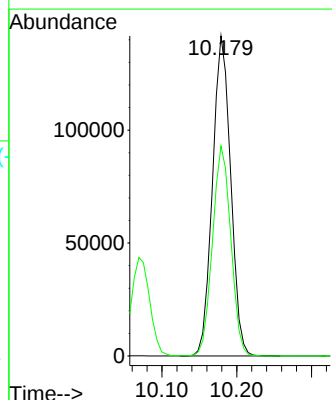
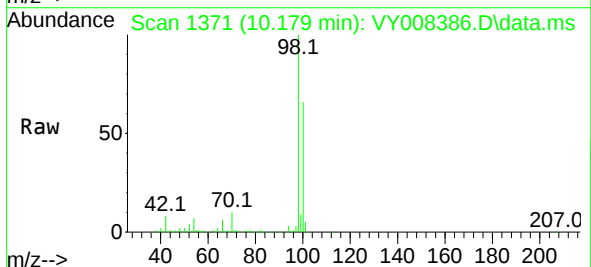
Acq: 18 Apr 2022 20:13

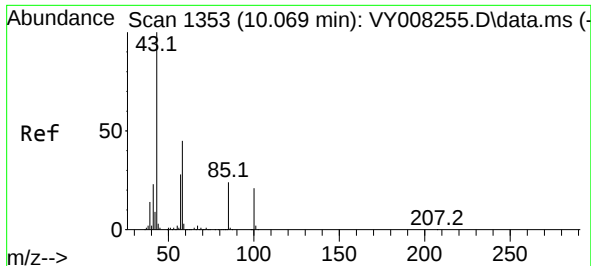
Tgt Ion: 98 Resp: 239169

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

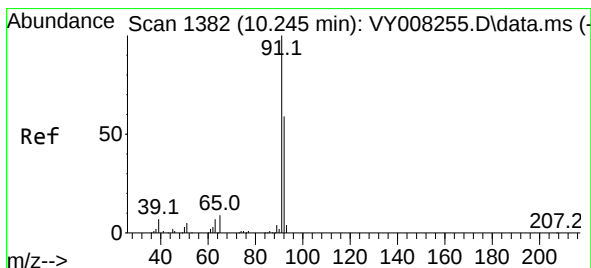
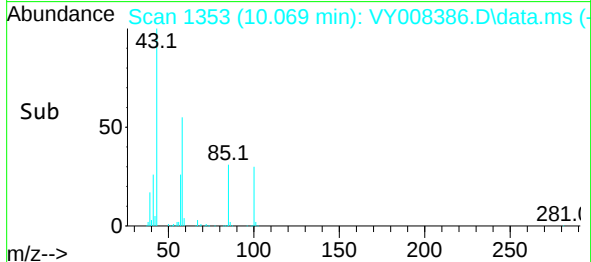
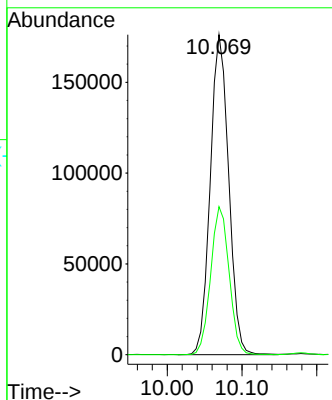
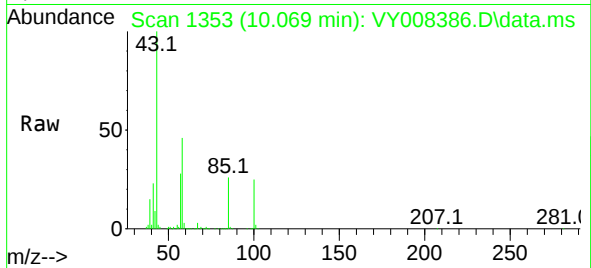




#51
4-Methyl-2-Pentanone
Concen: 246.852 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

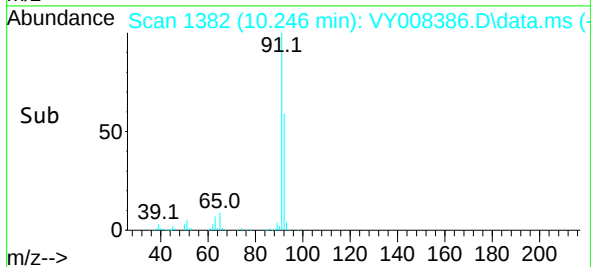
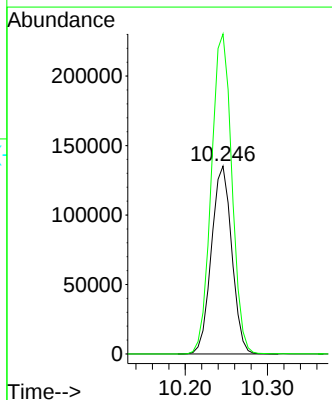
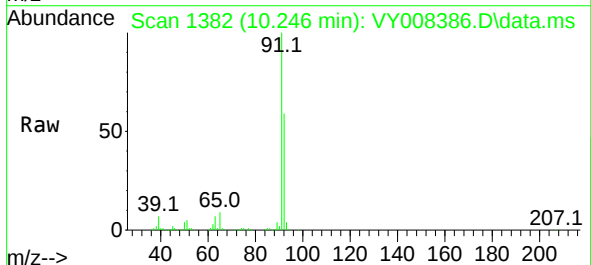
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

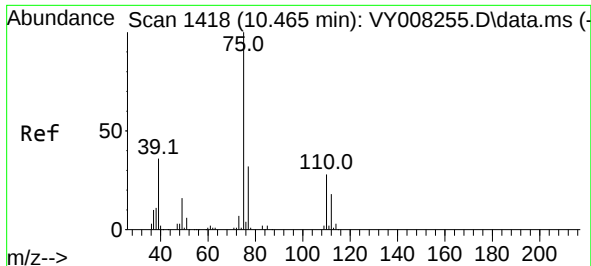
Tgt Ion: 43 Resp: 301823
Ion Ratio Lower Upper
43 100
58 46.2 28.1 42.1#



#52
Toluene
Concen: 47.717 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 92 Resp: 231652
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8

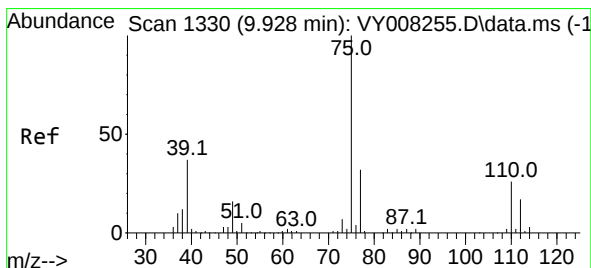
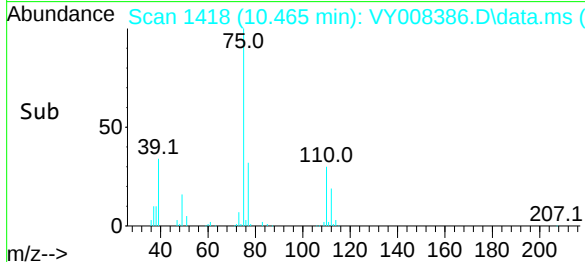
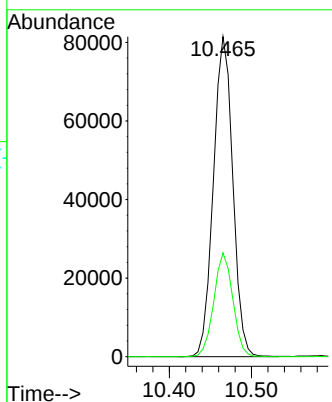
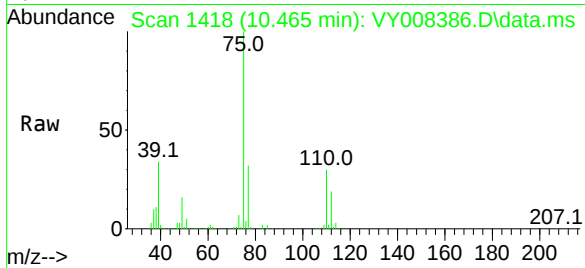




#53
 t-1,3-Dichloropropene
 Concen: 48.920 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

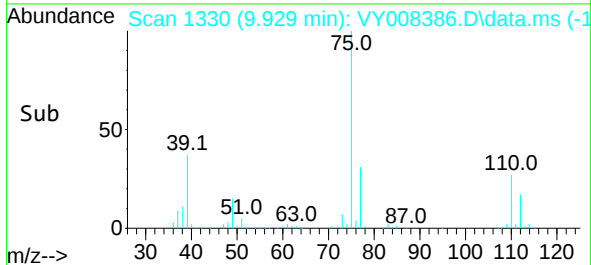
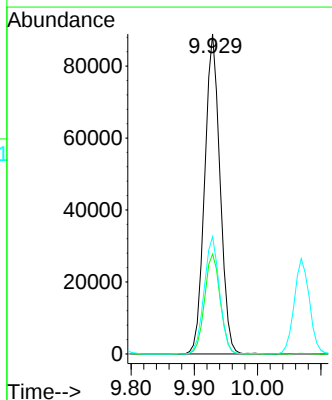
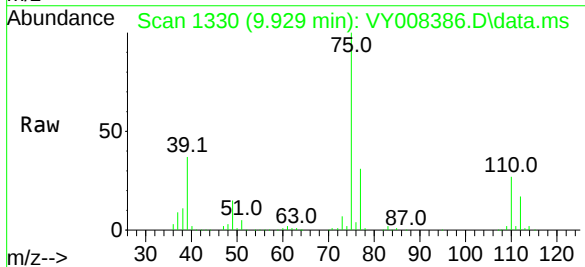
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

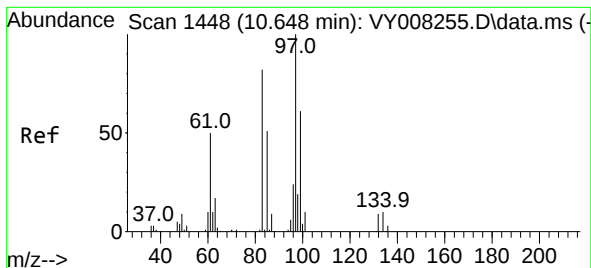
Tgt Ion: 75 Resp: 133576
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.792 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.001 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Tgt Ion: 75 Resp: 150303
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4
 39 36.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 51.370 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 87298

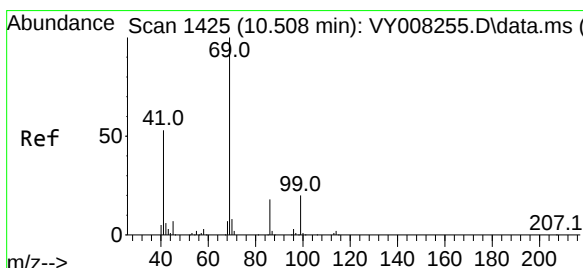
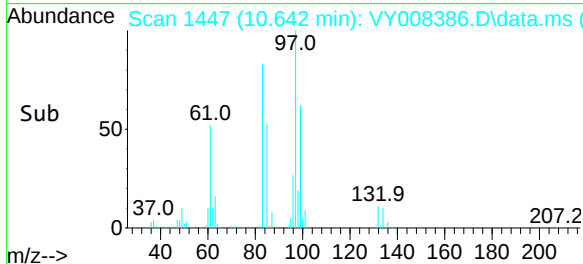
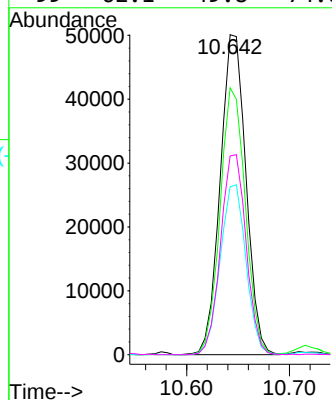
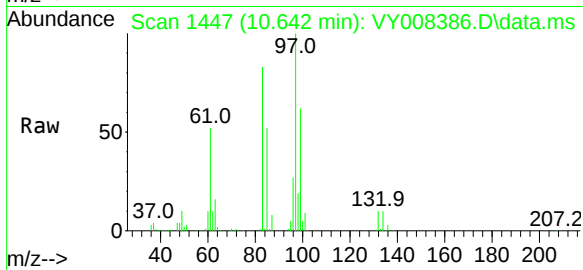
Ion Ratio Lower Upper

97 100

83 83.4 69.8 104.8

85 52.5 44.3 66.5

99 62.1 49.8 74.6



#56

Ethyl methacrylate

Concen: 51.611 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

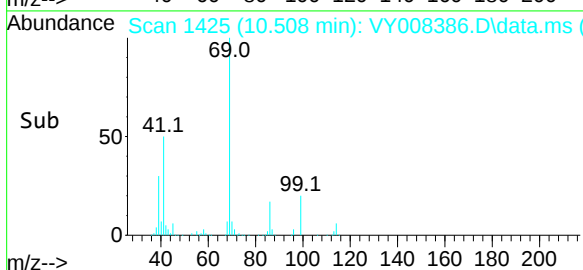
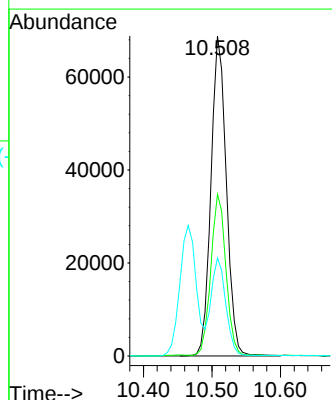
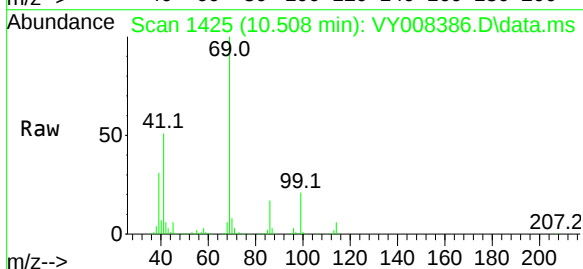
Tgt Ion: 69 Resp: 107533

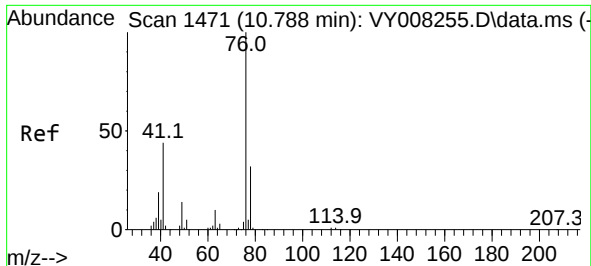
Ion Ratio Lower Upper

69 100

41 49.5 63.4 95.0#

39 28.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 49.486 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

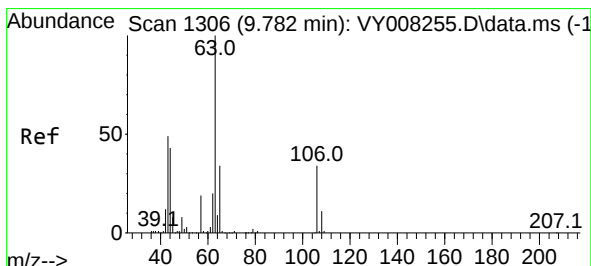
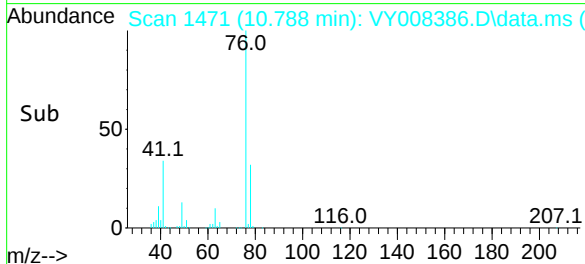
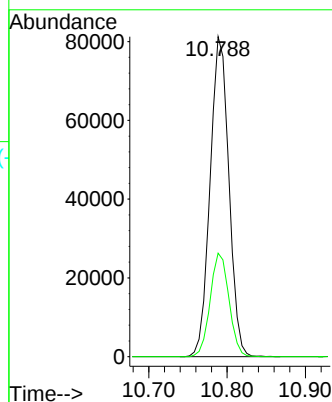
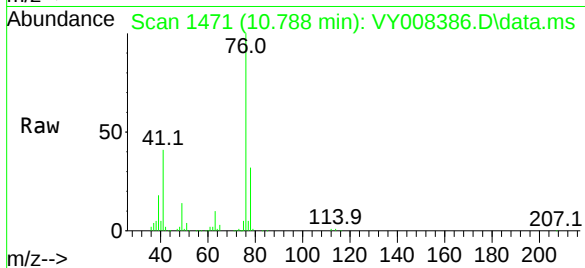
VSTDCCC050EC

Tgt Ion: 76 Resp: 135048

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 206.195 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008386.D

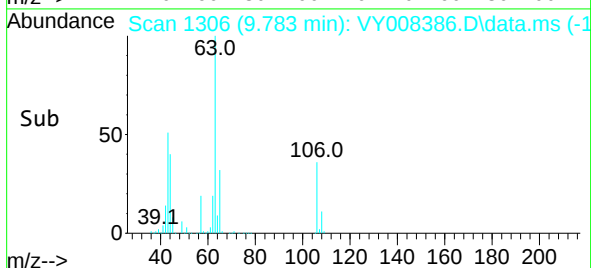
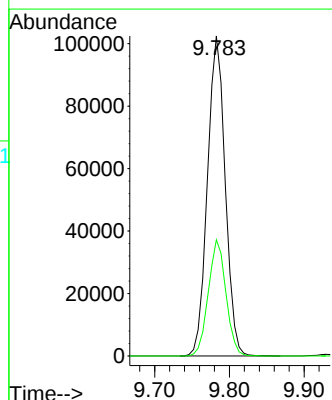
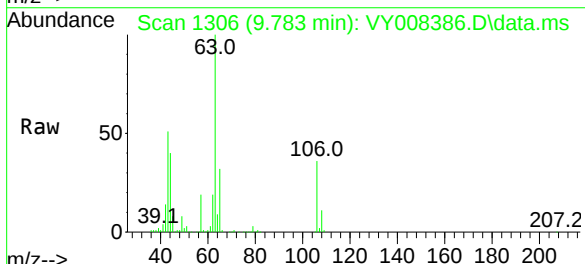
Acq: 18 Apr 2022 20:13

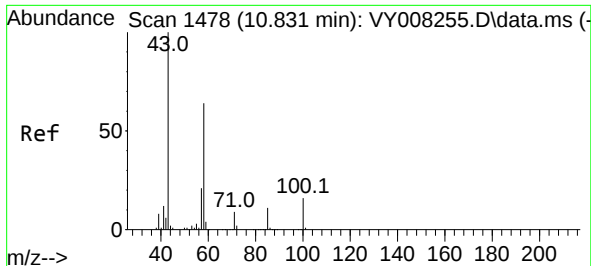
Tgt Ion: 63 Resp: 169225

Ion Ratio Lower Upper

63 100

106 36.0 21.5 32.3#

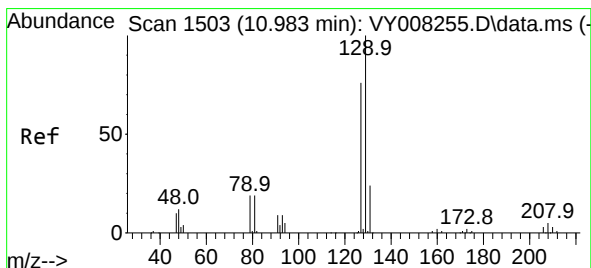
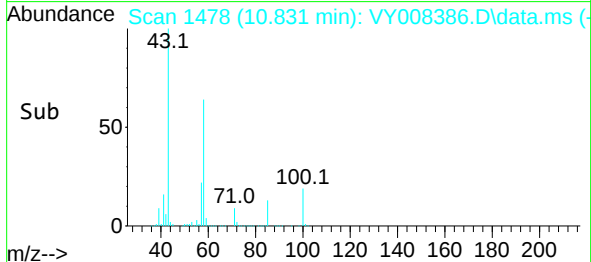
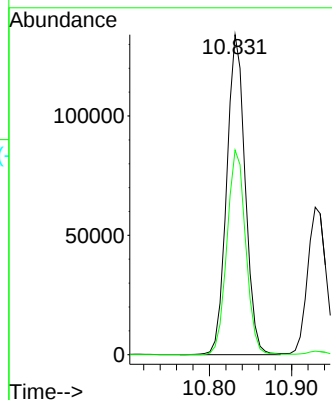
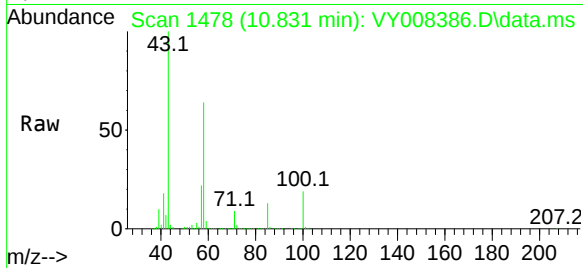




#59
2-Hexanone
Concen: 249.161 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

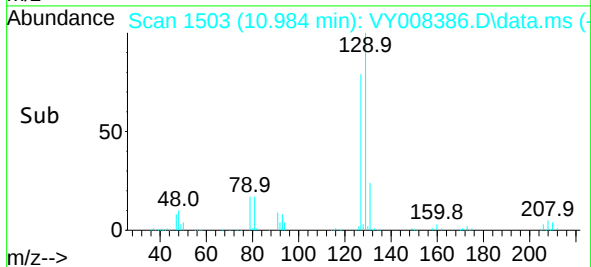
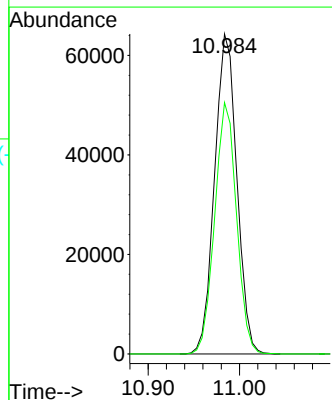
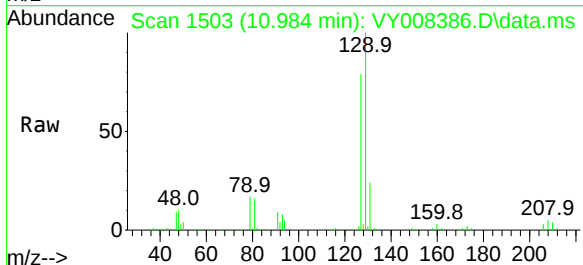
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

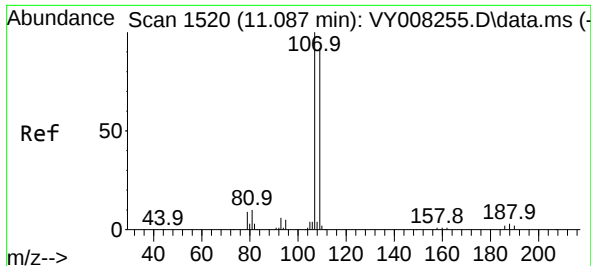
Tgt Ion: 43 Resp: 209625
Ion Ratio Lower Upper
43 100
58 64.8 24.4 73.4



#60
Dibromochloromethane
Concen: 54.877 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 129 Resp: 108937
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

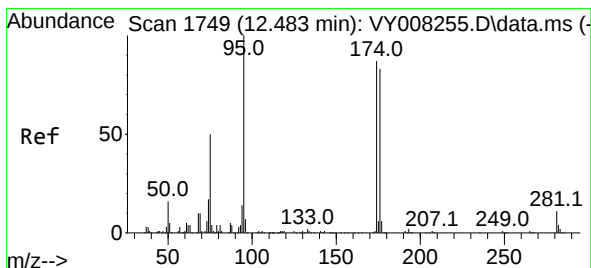
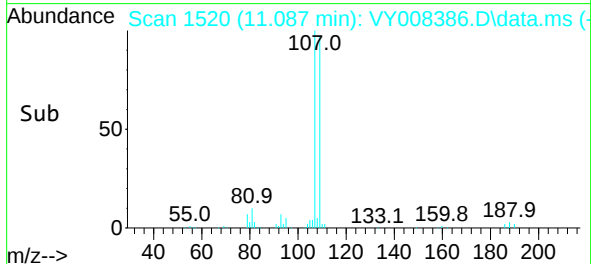
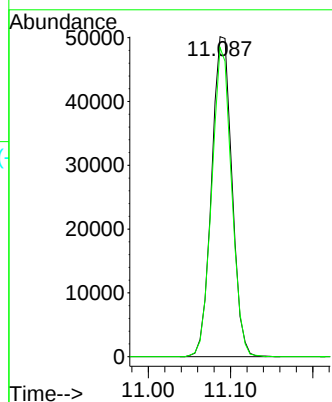
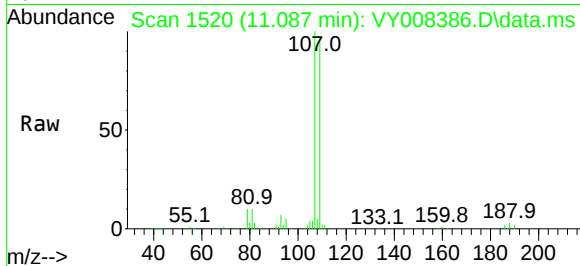




#61
1,2-Dibromoethane
Concen: 51.837 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

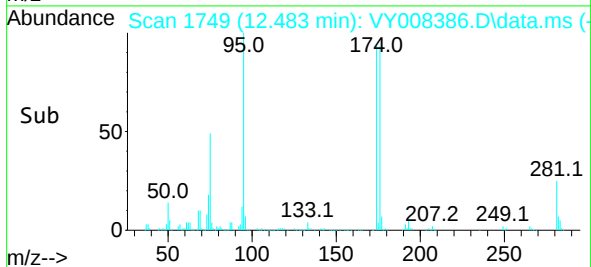
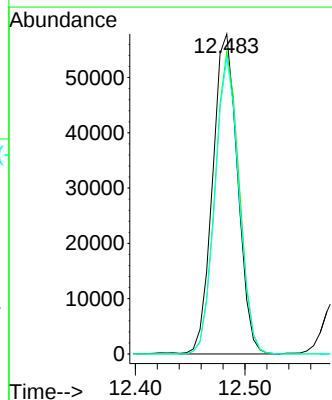
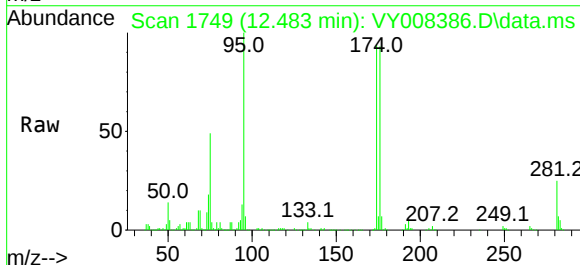
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

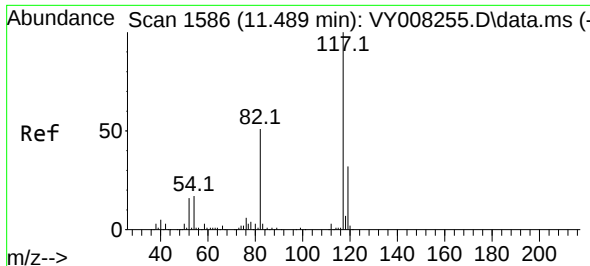
Tgt Ion:107 Resp: 86129
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.808 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 95 Resp: 91354
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 89.1 0.0 175.8

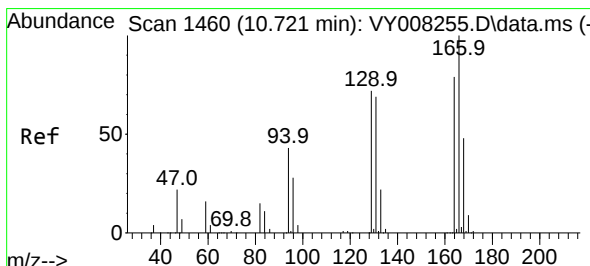
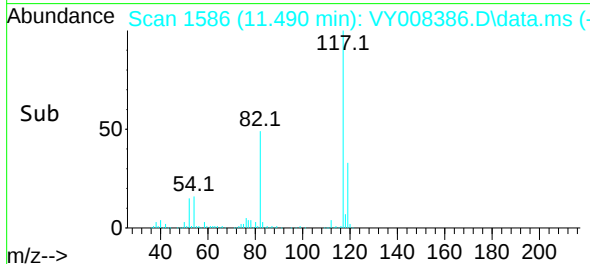
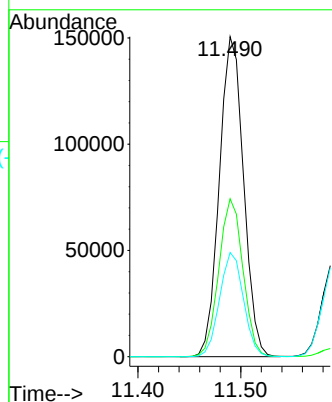
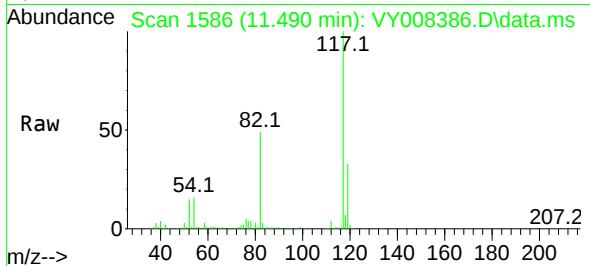




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

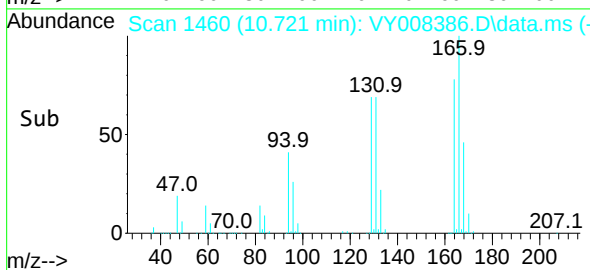
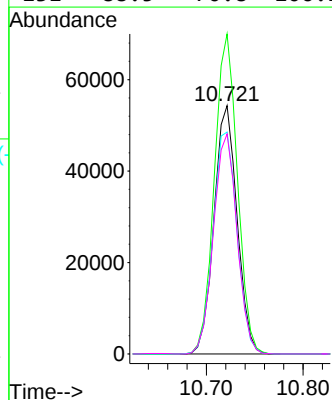
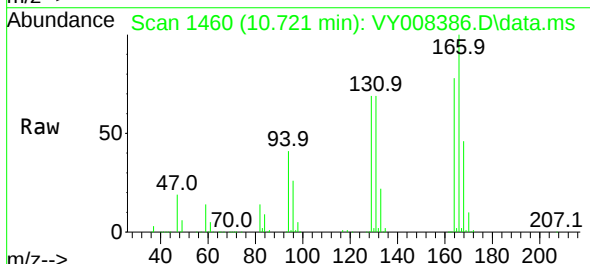
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

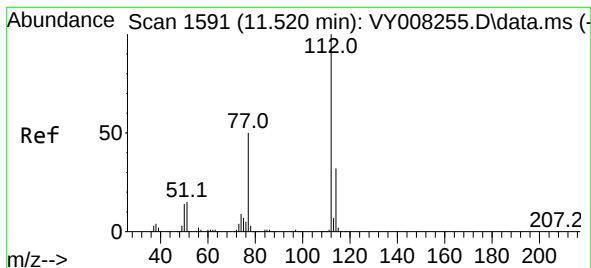
Tgt Ion:117 Resp: 246249
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 51.810 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:164 Resp: 89921
Ion Ratio Lower Upper
164 100
166 128.8 100.4 150.6
129 89.4 71.4 107.0
131 88.5 70.8 106.2

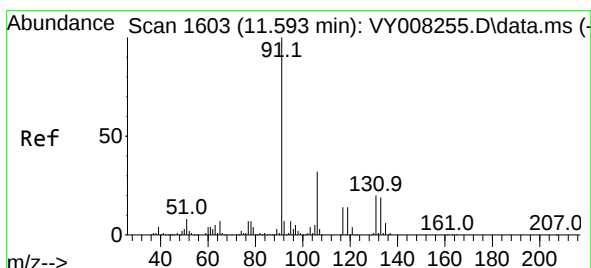
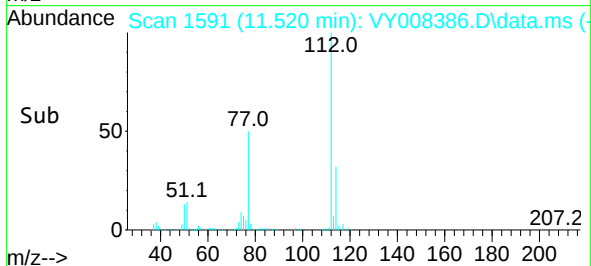
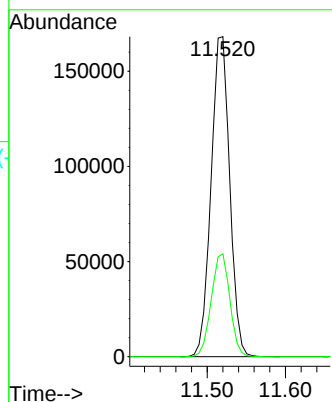
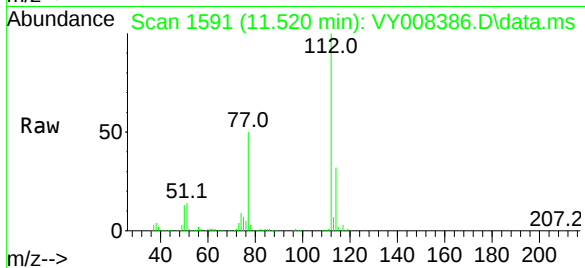




#65
Chlorobenzene
Concen: 52.037 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

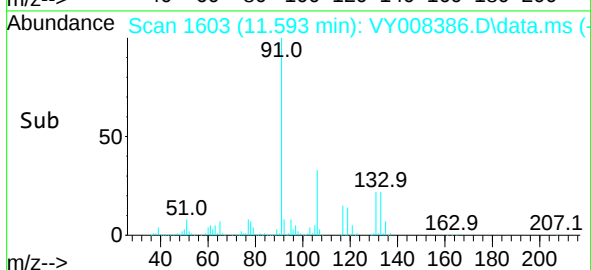
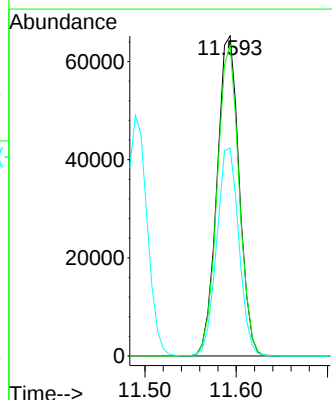
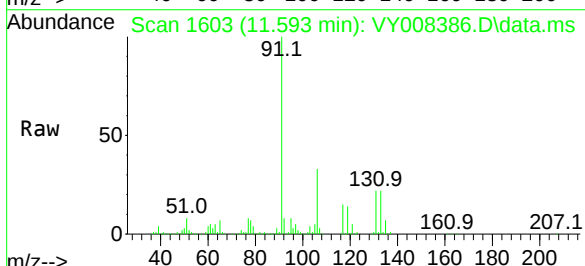
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

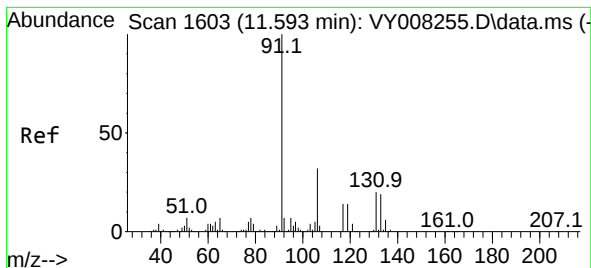
Tgt Ion:112 Resp: 277892
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.149 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:131 Resp: 109899
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 65.0 30.8 92.3





#67

Ethyl Benzene

Concen: 50.026 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

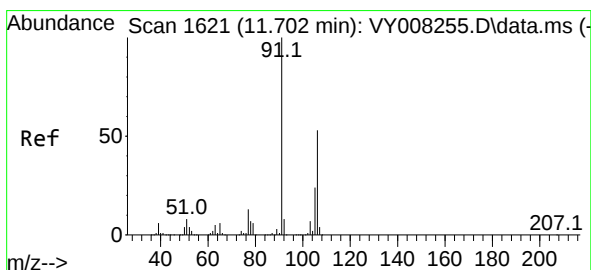
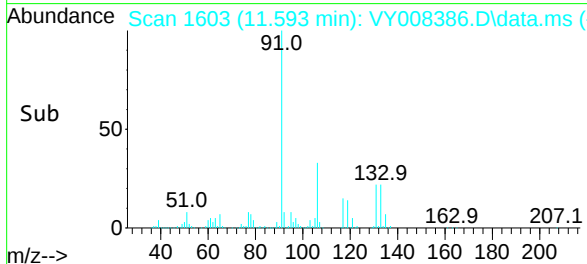
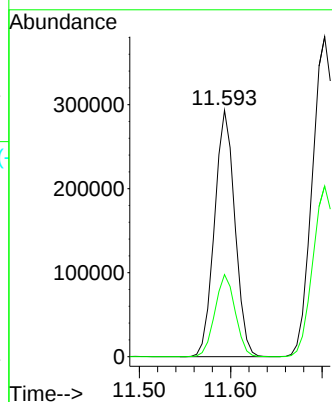
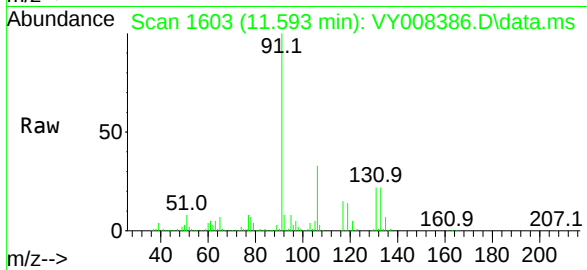
VSTDCCC050EC

Tgt Ion: 91 Resp: 454313

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 100.937 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008386.D

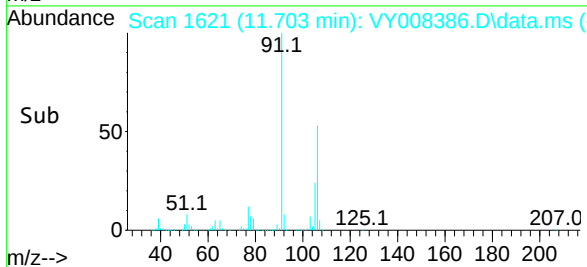
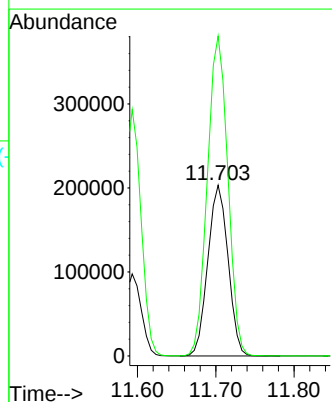
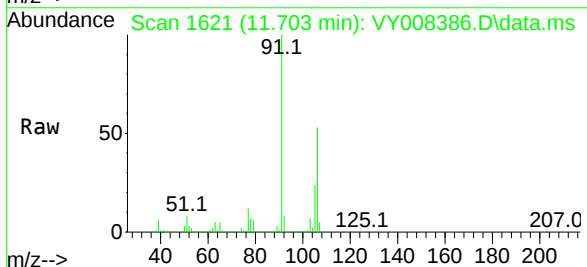
Acq: 18 Apr 2022 20:13

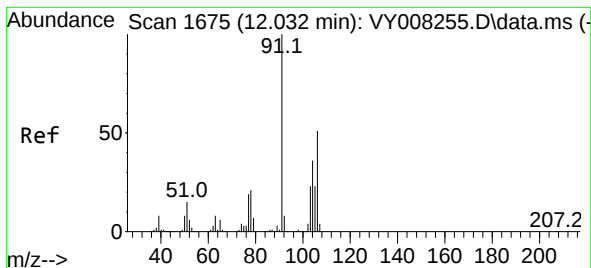
Tgt Ion: 106 Resp: 364562

Ion Ratio Lower Upper

106 100

91 189.4 166.6 249.8





#69

o-Xylene

Concen: 51.869 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

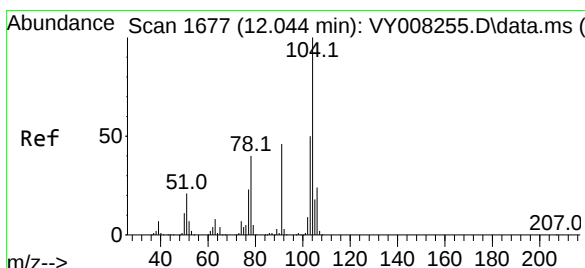
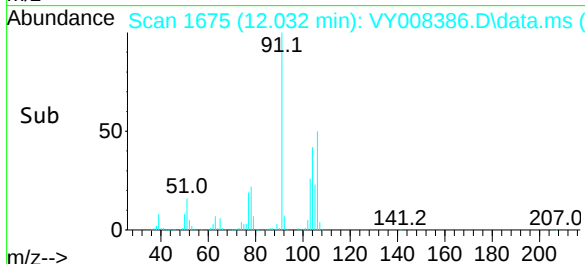
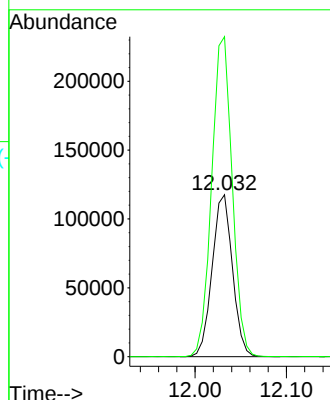
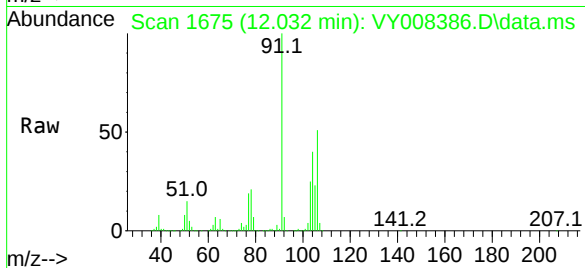
VSTDCCC050EC

Tgt Ion:106 Resp: 181798

Ion Ratio Lower Upper

106 100

91 199.9 110.3 331.0



#70

Styrene

Concen: 52.024 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

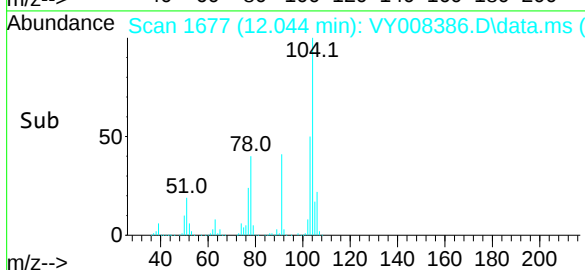
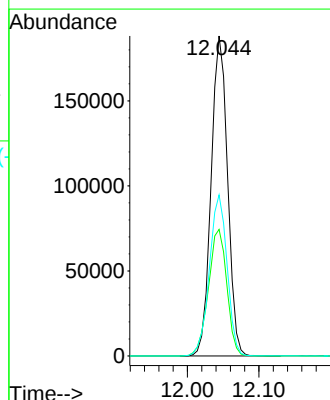
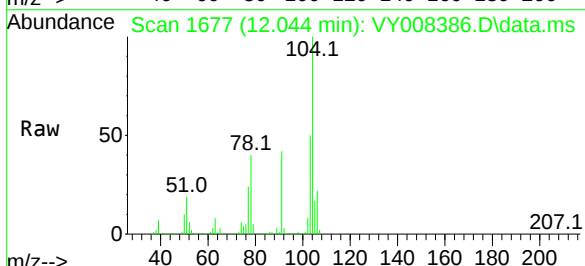
Tgt Ion:104 Resp: 300720

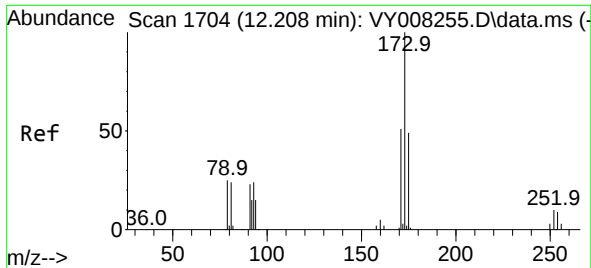
Ion Ratio Lower Upper

104 100

78 44.2 42.4 63.6

103 54.1 44.4 66.6

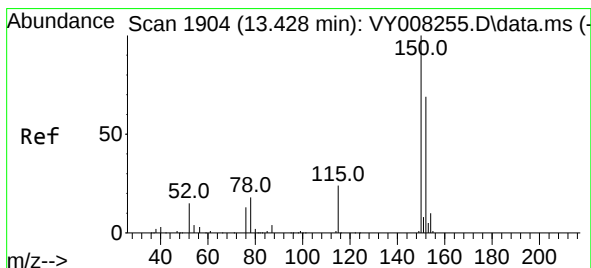
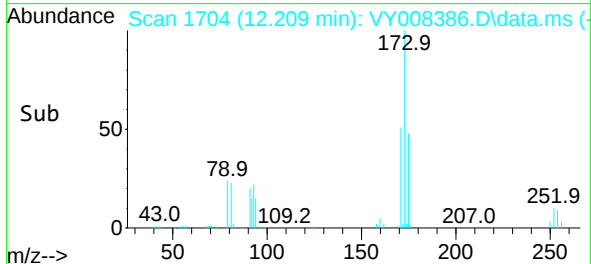
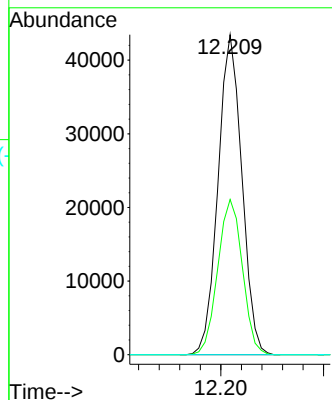
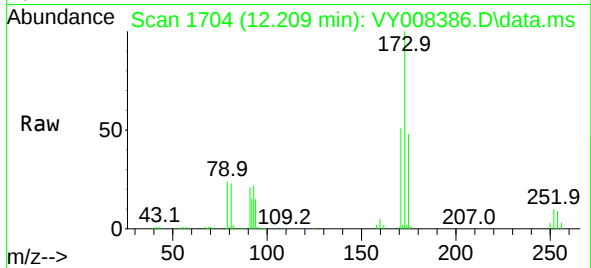




#71
Bromoform
Concen: 58.159 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

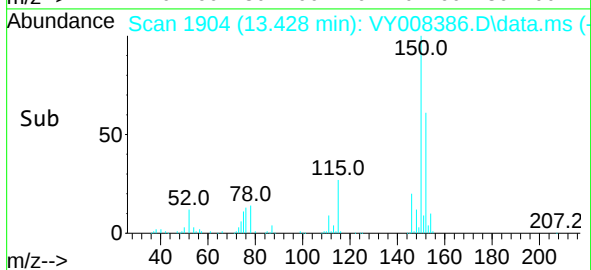
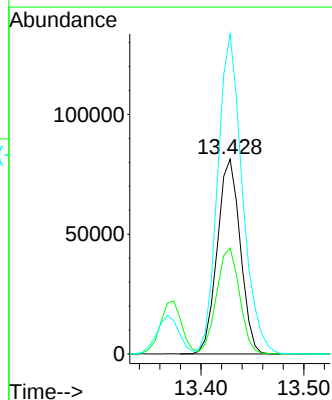
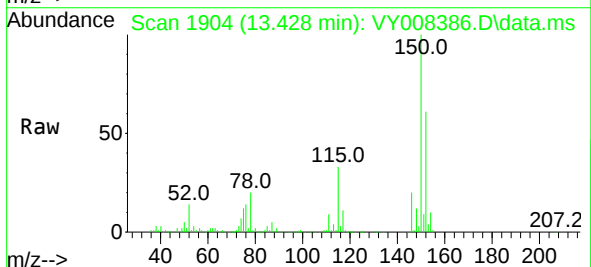
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

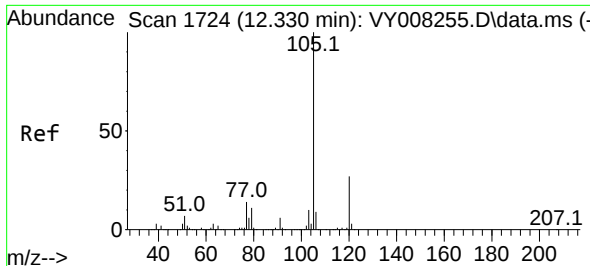
Tgt Ion:173 Resp: 69861
Ion Ratio Lower Upper
173 100
175 50.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:152 Resp: 126324
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 176.0 0.0 347.6

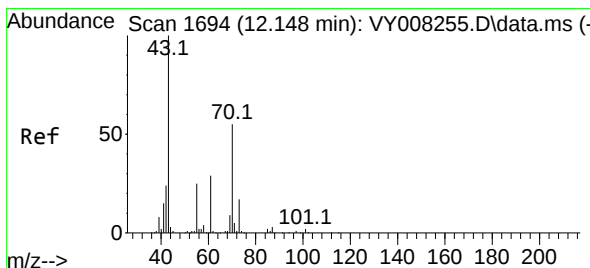
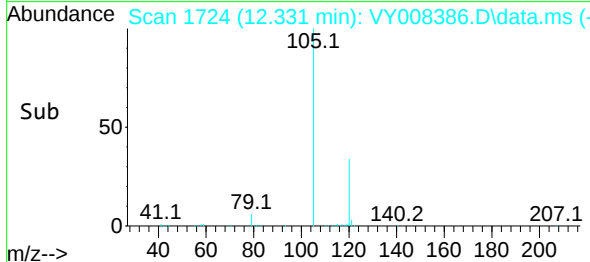
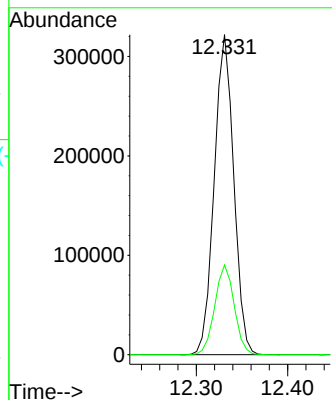
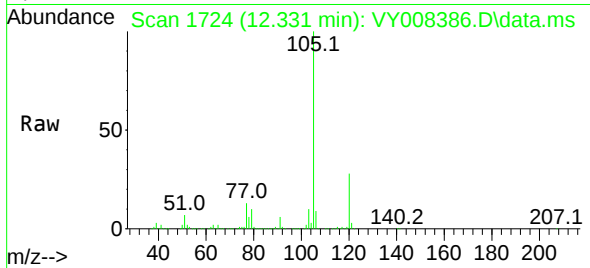




#73
Isopropylbenzene
Concen: 50.754 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

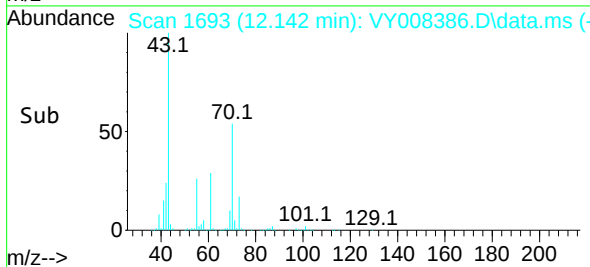
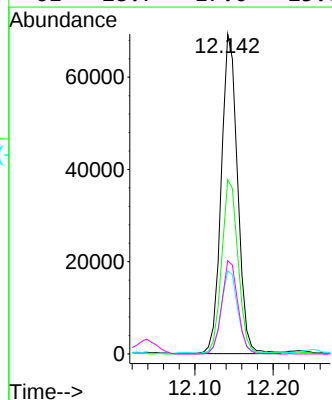
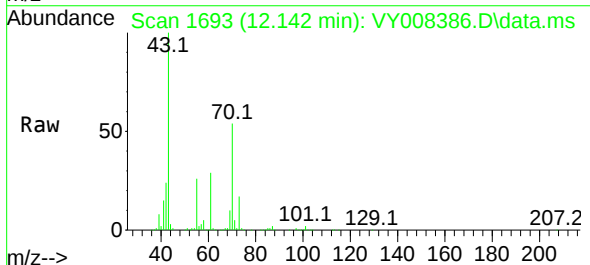
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

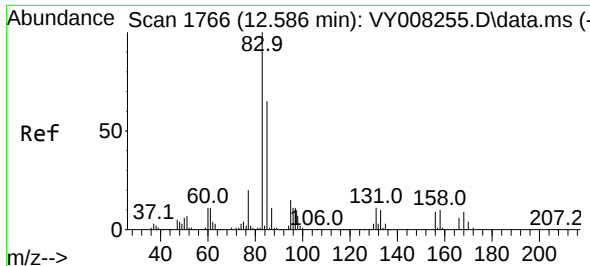
Tgt Ion:105 Resp: 476678
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 49.387 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 43 Resp: 100703
Ion Ratio Lower Upper
43 100
70 54.6 28.7 43.1#
55 26.3 17.3 25.9#
61 28.7 17.0 25.6#

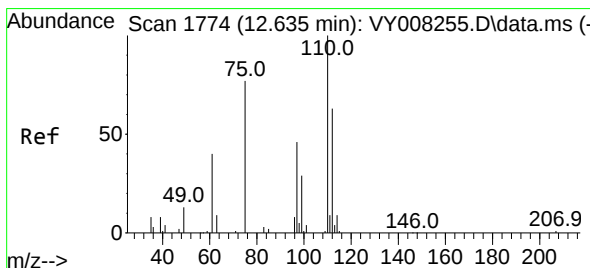
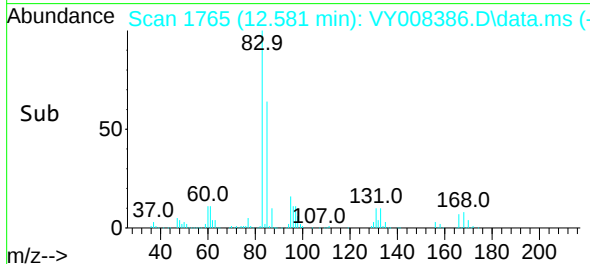
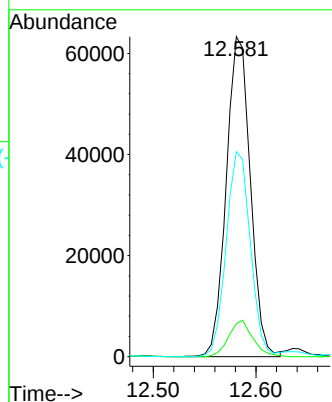
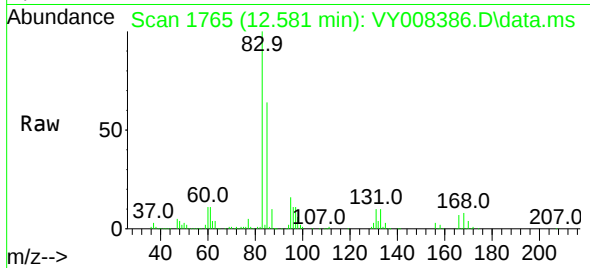




#75
1,1,2-Tetrachloroethane
Concen: 51.961 ug/l
RT: 12.581 min Scan# 1766
Delta R.T. -0.005 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

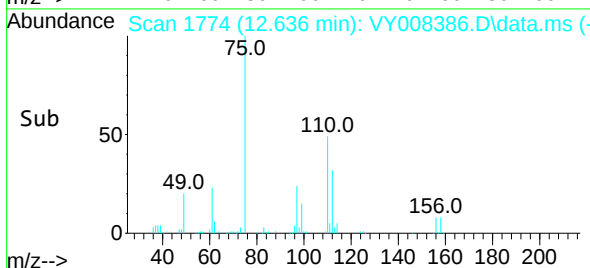
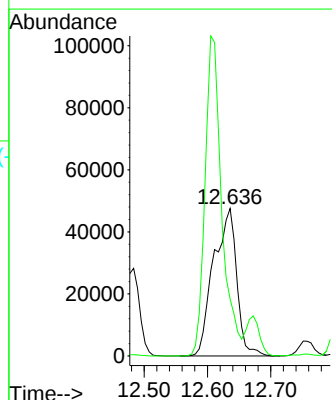
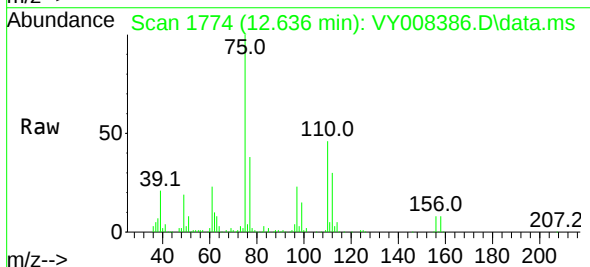
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

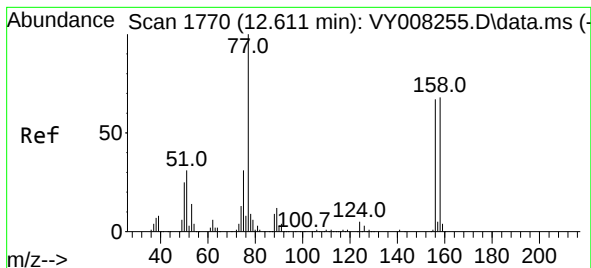
Tgt Ion: 83 Resp: 103262
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 86.438 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 75 Resp: 120764
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.344 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

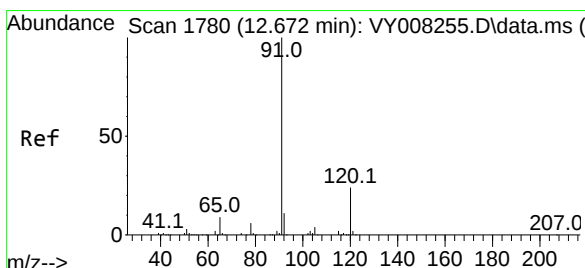
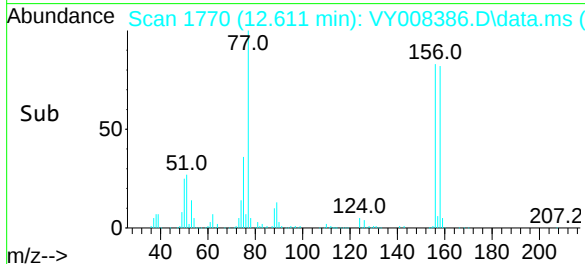
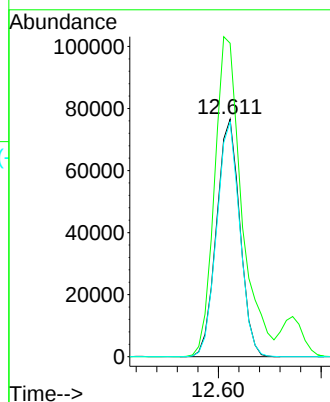
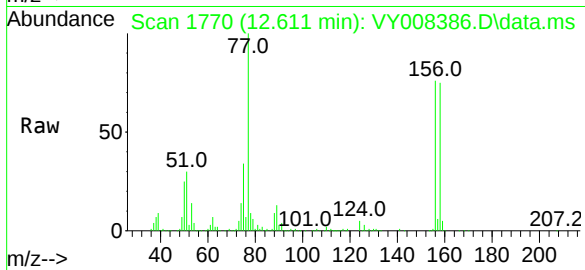
Tgt Ion:156 Resp: 120469

Ion Ratio Lower Upper

156 100

77 157.2 95.5 286.4

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 48.685 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008386.D

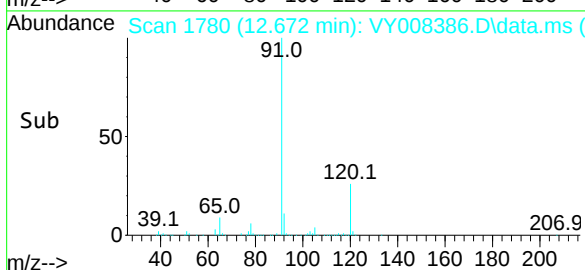
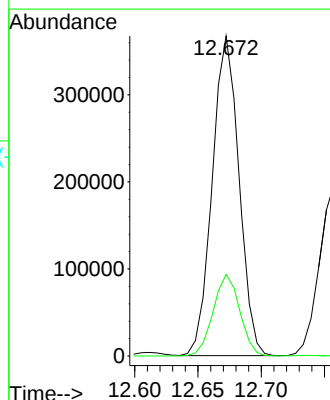
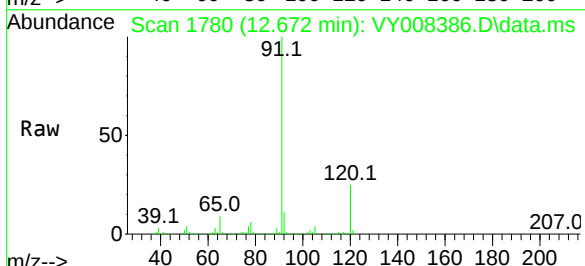
Acq: 18 Apr 2022 20:13

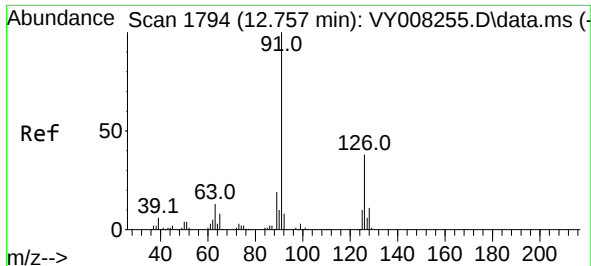
Tgt Ion: 91 Resp: 539552

Ion Ratio Lower Upper

91 100

120 25.3 11.3 33.9

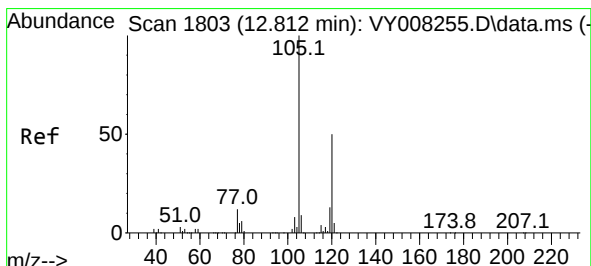
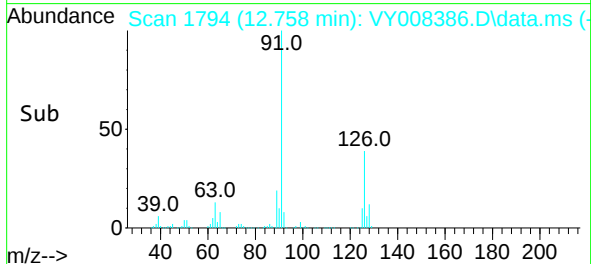
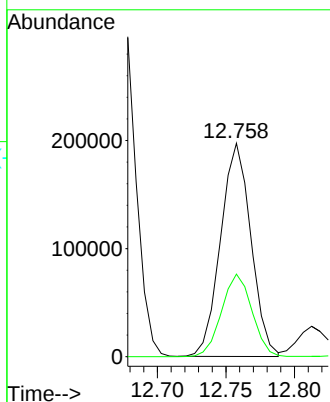
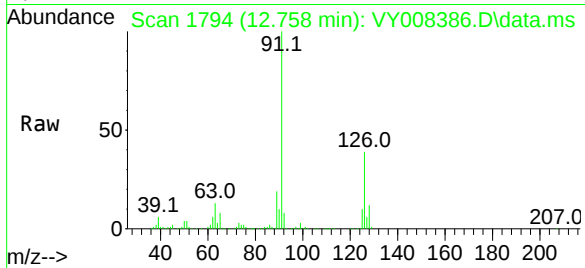




#79
2-Chlorotoluene
Concen: 48.883 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

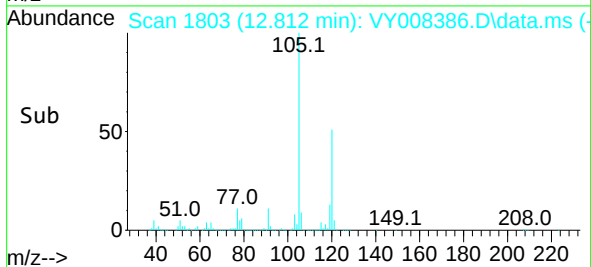
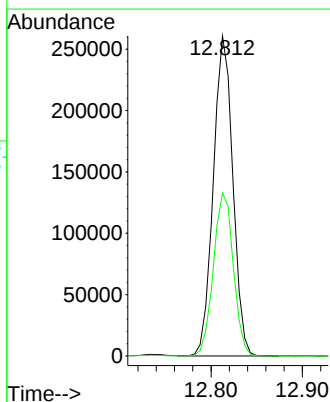
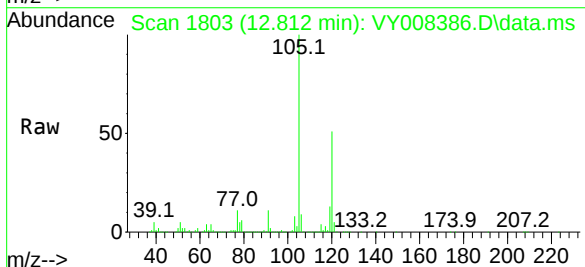
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

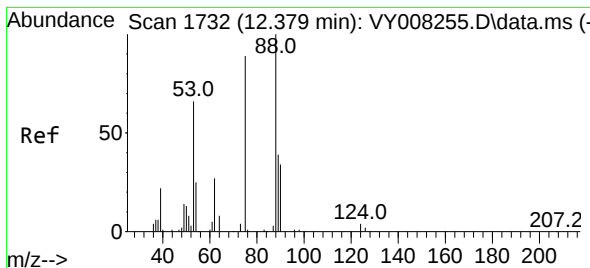
Tgt Ion: 91 Resp: 304035
Ion Ratio Lower Upper
91 100
126 38.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.201 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 105 Resp: 386617
Ion Ratio Lower Upper
105 100
120 52.1 24.4 73.4

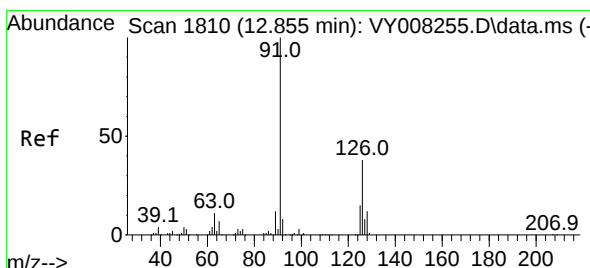
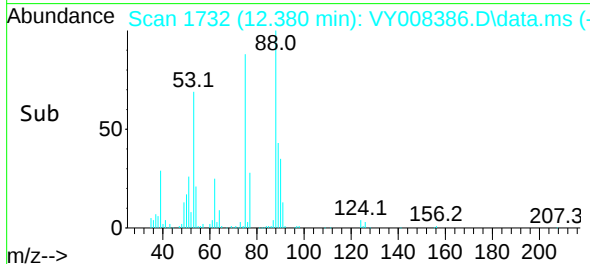
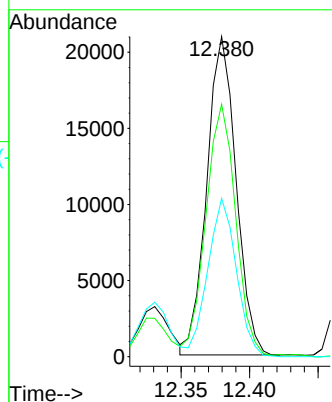
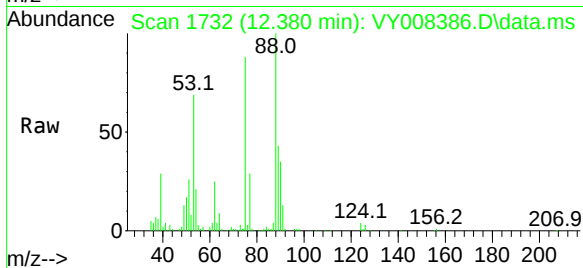




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.741 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.001 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

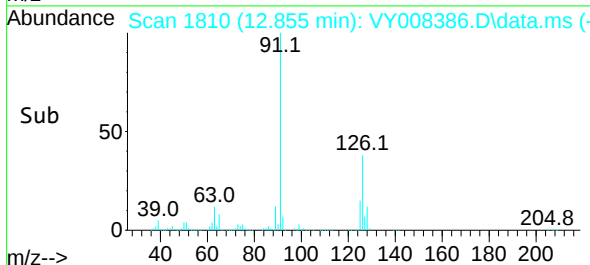
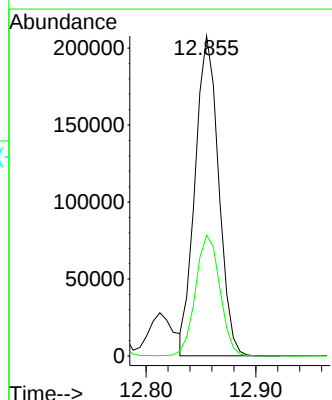
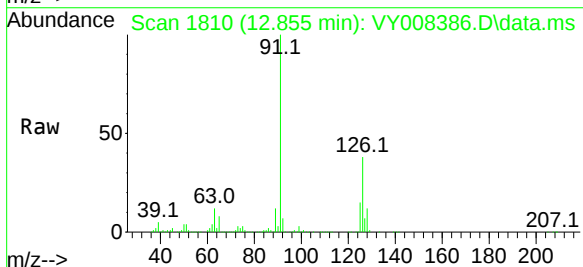
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

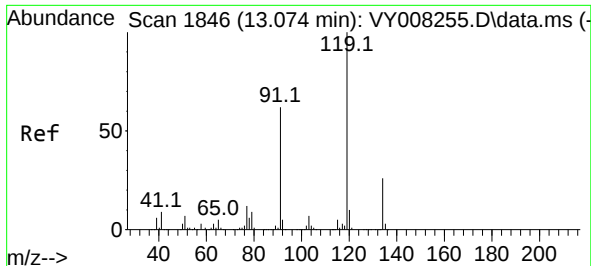
Tgt Ion: 75 Resp: 31059
 Ion Ratio Lower Upper
 75 100
 53 81.7 85.3 127.9#
 89 48.3 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 48.224 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Tgt Ion: 91 Resp: 308231
 Ion Ratio Lower Upper
 91 100
 126 39.2 17.0 51.0

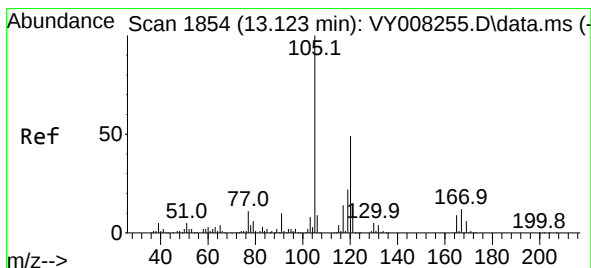
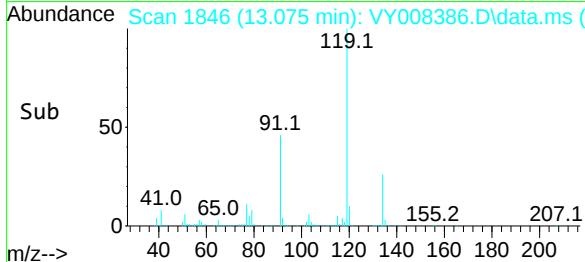
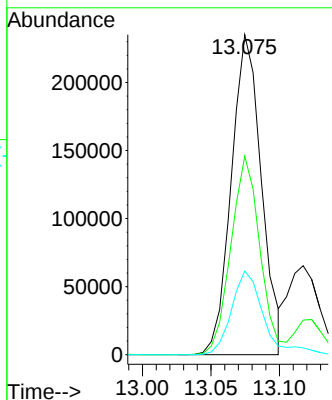
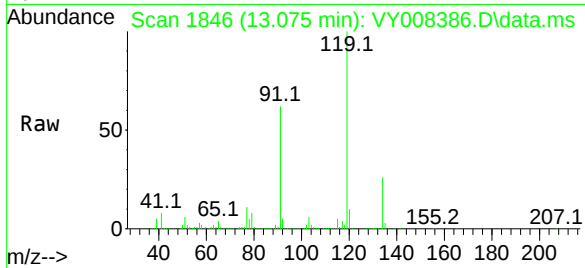




#83
tert-Butylbenzene
Concen: 52.153 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

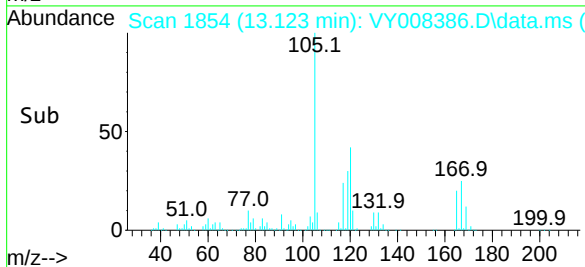
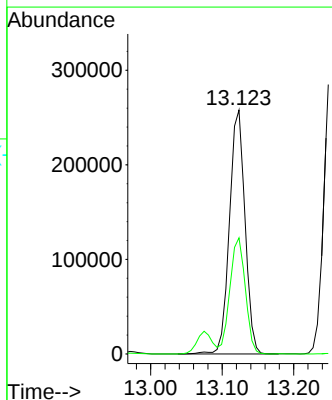
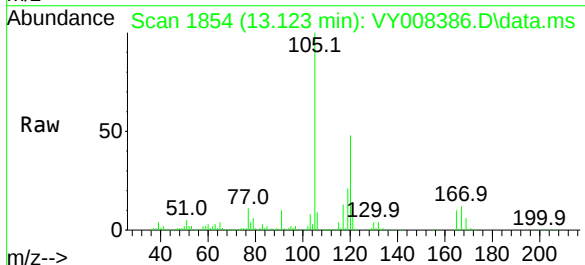
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

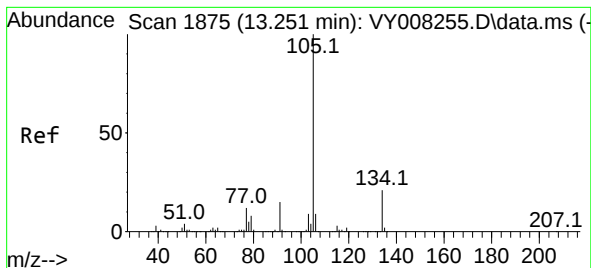
Tgt Ion:119 Resp: 360324
Ion Ratio Lower Upper
119 100
91 60.1 34.8 104.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.094 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion:105 Resp: 389411
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.226 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

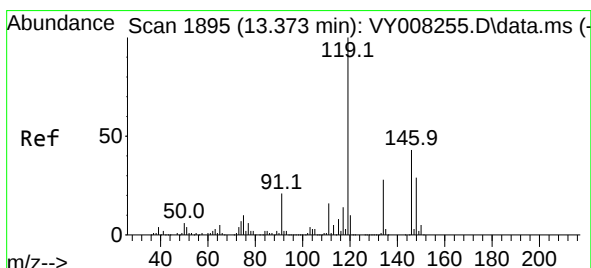
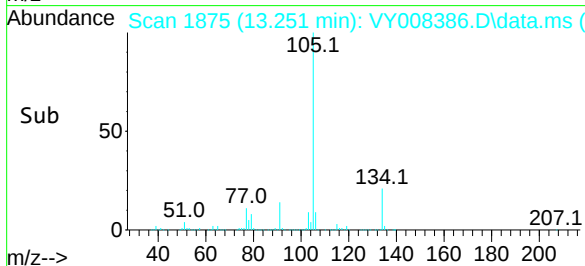
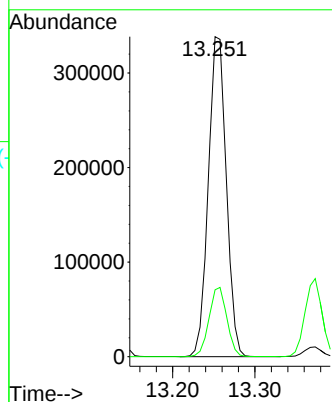
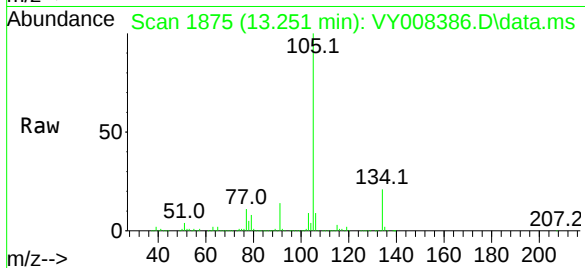
VSTDCCC050EC

Tgt Ion:105 Resp: 514457

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.929 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

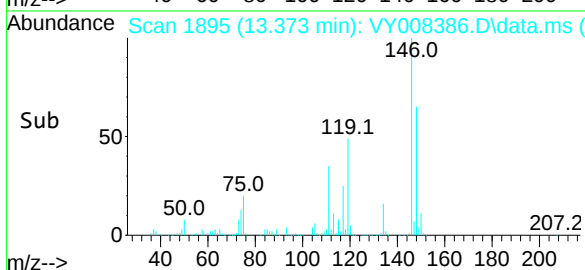
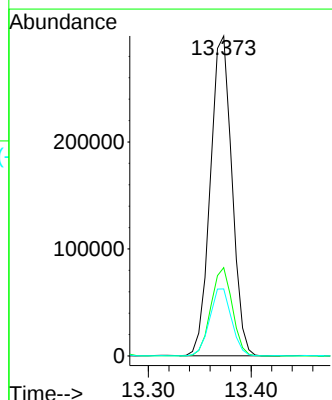
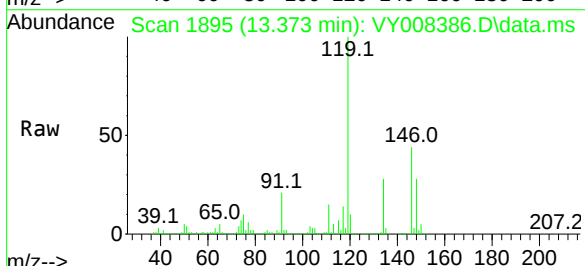
Tgt Ion:119 Resp: 435315

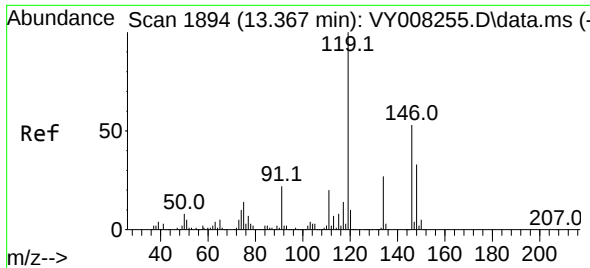
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 21.3 12.4 37.2

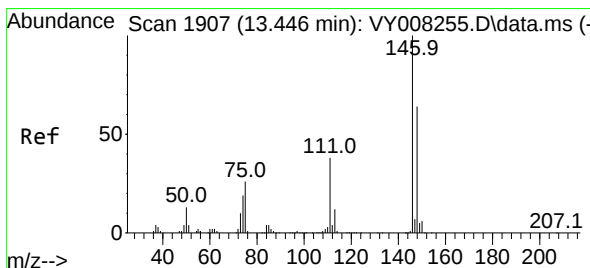
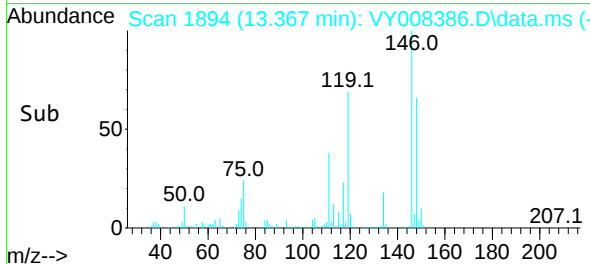
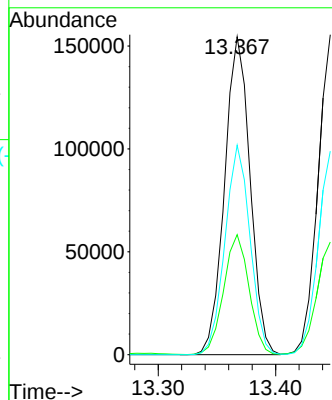
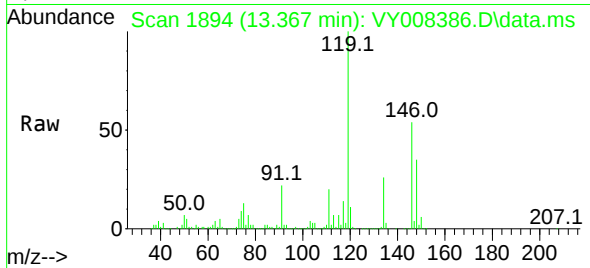




#87
 1,3-Dichlorobenzene
 Concen: 51.090 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

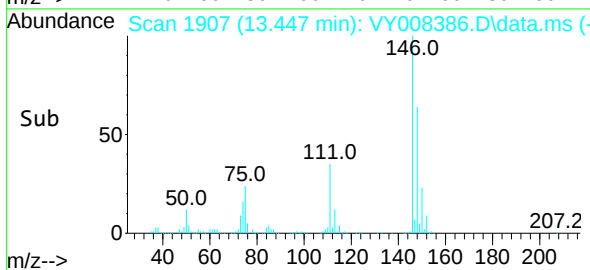
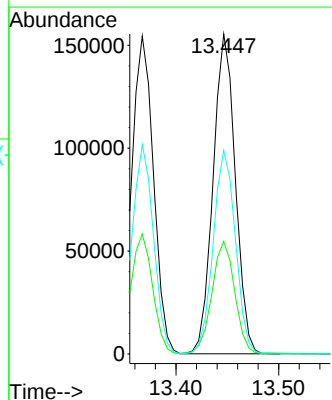
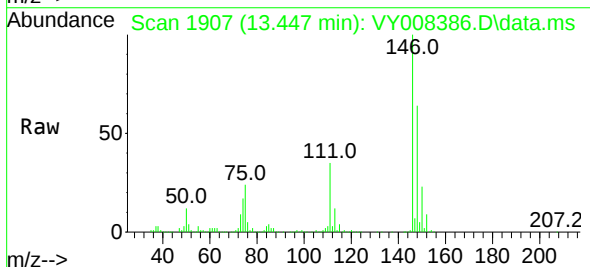
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

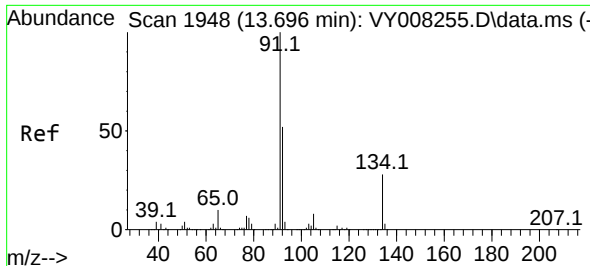
Tgt Ion:146 Resp: 232873
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.5 58.5
 148 64.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.740 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.001 min
 Lab File: VY008386.D
 Acq: 18 Apr 2022 20:13

Tgt Ion:146 Resp: 233409
 Ion Ratio Lower Upper
 146 100
 111 36.3 19.3 57.8
 148 63.8 32.6 97.8

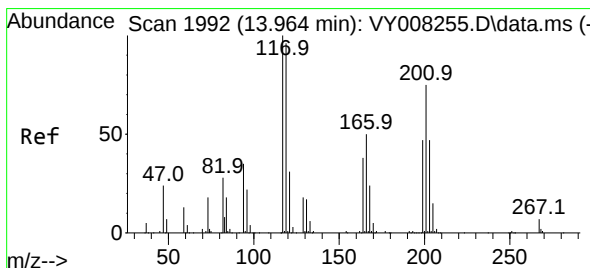
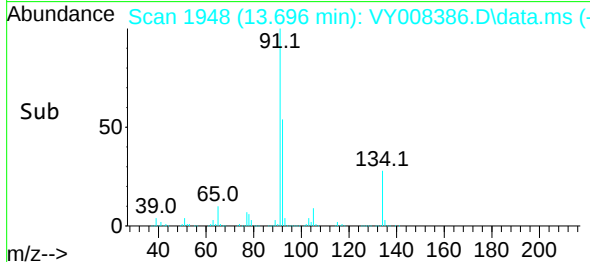
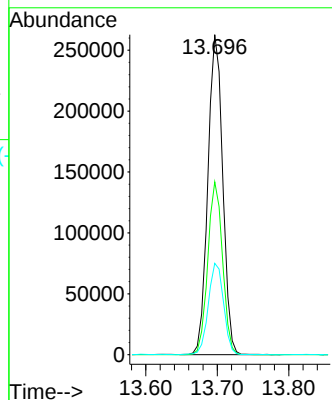
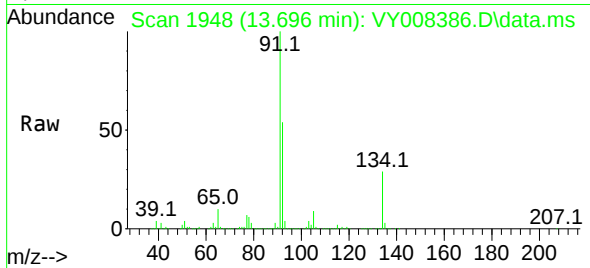




#89
n-Butylbenzene
Concen: 49.096 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

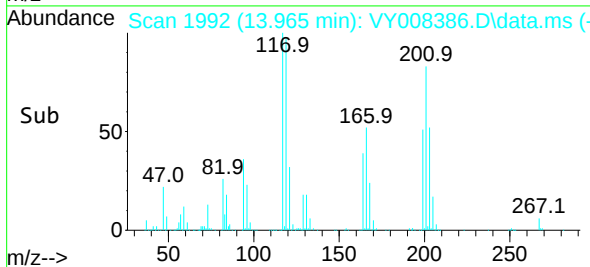
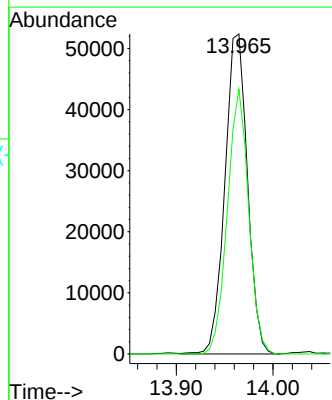
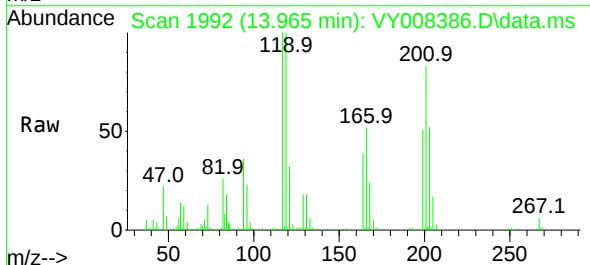
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

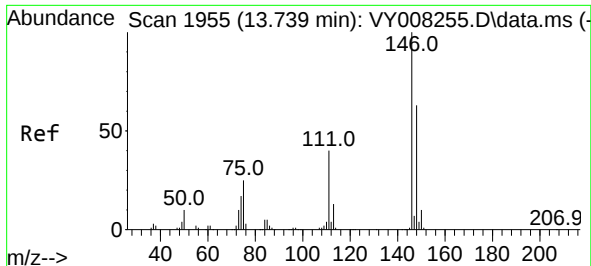
Tgt Ion: 91 Resp: 379146
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 29.3 13.0 38.9



#90
Hexachloroethane
Concen: 53.173 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008386.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 117 Resp: 84947
Ion Ratio Lower Upper
117 100
201 78.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 52.295 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

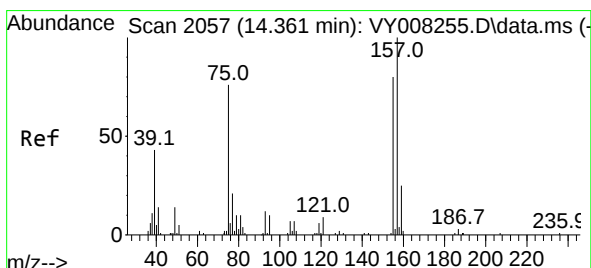
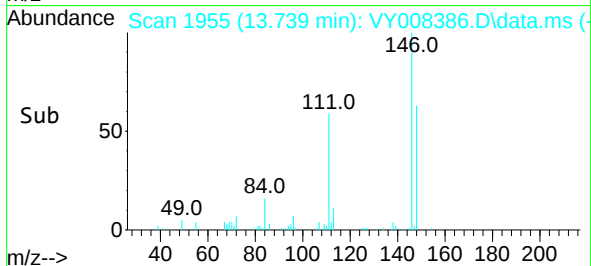
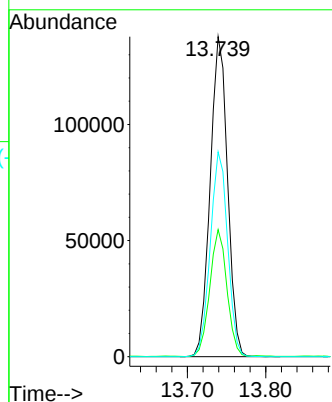
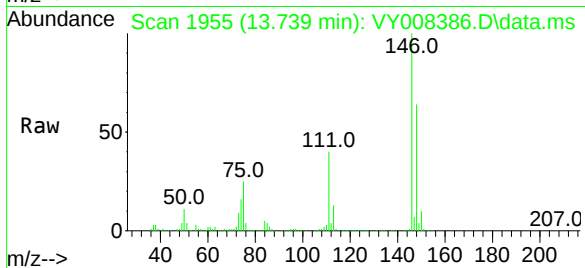
Tgt Ion:146 Resp: 212067

Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.9

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.511 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

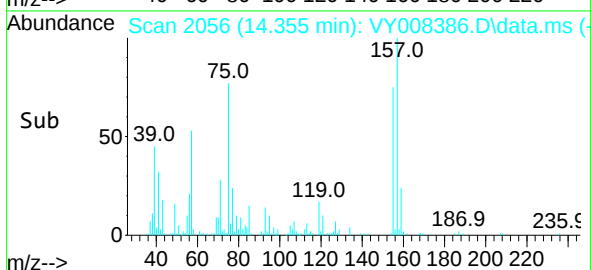
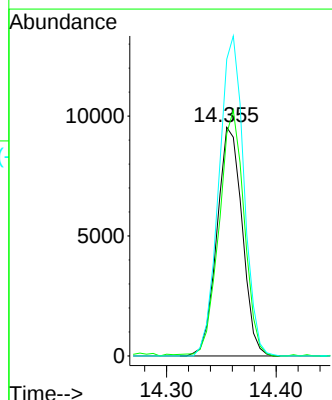
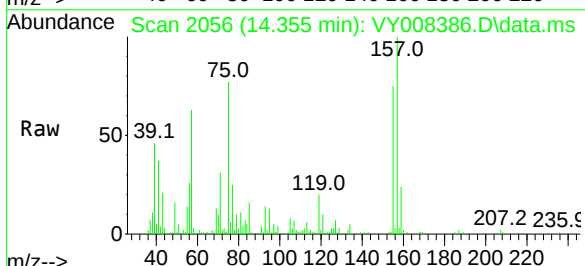
Tgt Ion: 75 Resp: 15215

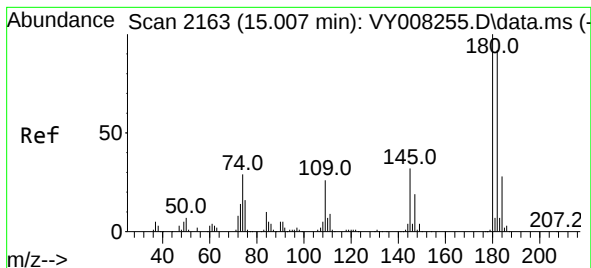
Ion Ratio Lower Upper

75 100

155 107.1 38.0 113.9

157 138.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 52.933 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

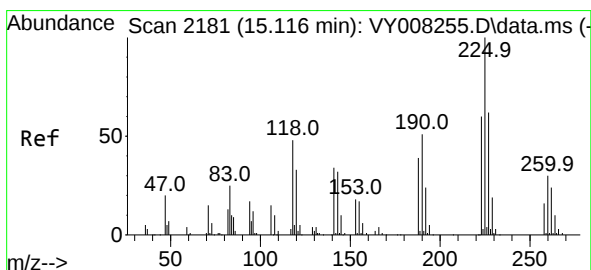
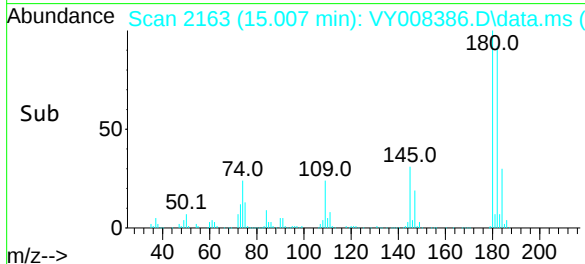
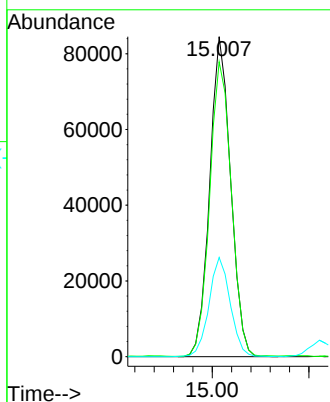
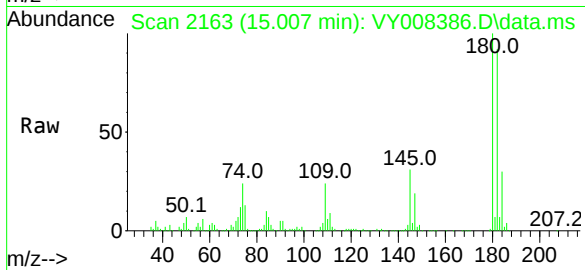
Tgt Ion:180 Resp: 126960

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 31.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 53.550 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

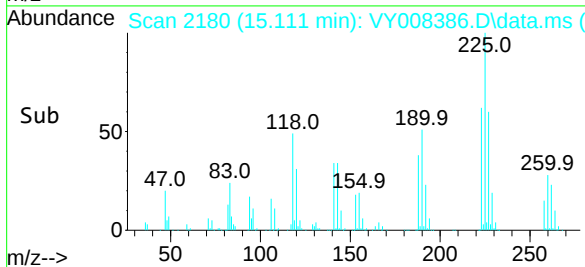
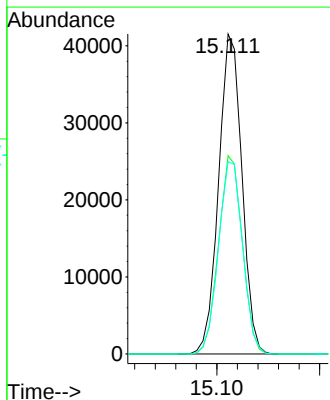
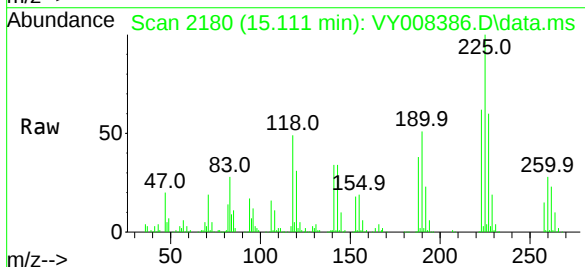
Tgt Ion:225 Resp: 65207

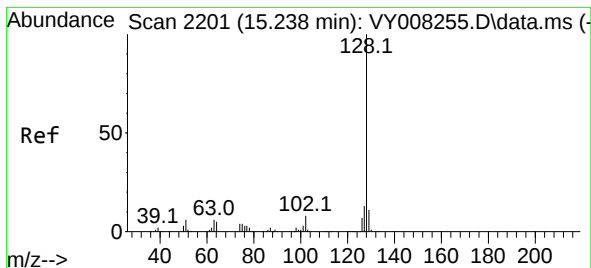
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 62.5 31.6 94.7





#95

Naphthalene

Concen: 56.176 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

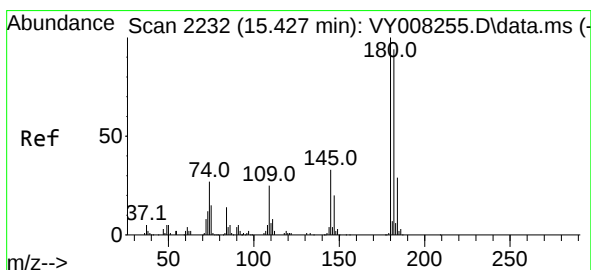
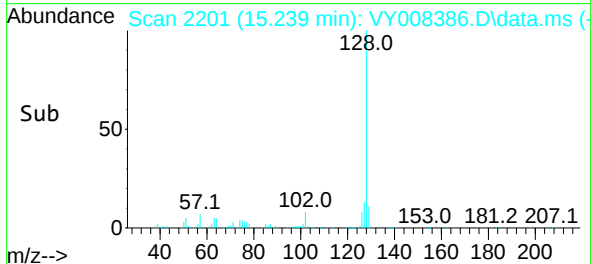
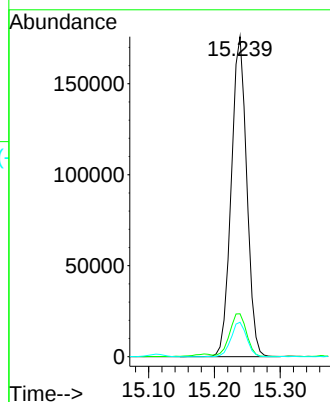
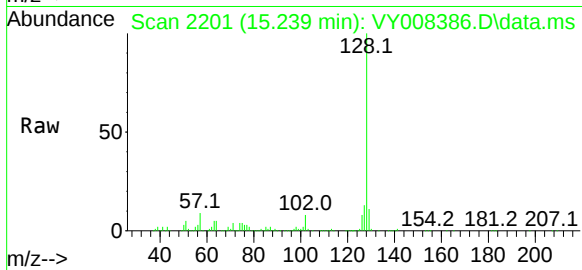
Tgt Ion:128 Resp: 288621

Ion Ratio Lower Upper

128 100

127 14.6 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 54.042 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008386.D

Acq: 18 Apr 2022 20:13

Tgt Ion:180 Resp: 113430

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 33.0 15.3 45.9

