

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008321.D
 Acq On : 13 Apr 2022 18:33
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 14 05:58:52 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	122667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46737	40.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.120%
35) Dibromofluoromethane	7.716	113	44597	36.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.220%
50) Toluene-d8	10.179	98	141964	33.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.200%
62) 4-Bromofluorobenzene	12.483	95	57020	35.876	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38582	37.980	ug/l	99
3) Chloromethane	2.113	50	52629	45.227	ug/l	92
4) Vinyl Chloride	2.247	62	72351	41.402	ug/l	99
5) Bromomethane	2.643	94	69427	51.265	ug/l	93
6) Chloroethane	2.790	64	52812	43.148	ug/l	99
7) Trichlorofluoromethane	3.125	101	85444	41.091	ug/l	90
8) Diethyl Ether	3.527	74	33602	44.714	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	55976	41.442	ug/l	91
10) Methyl Iodide	4.088	142	58641	39.382	ug/l	91
11) Tert butyl alcohol	4.954	59	39921	324.077	ug/l	96
12) 1,1-Dichloroethene	3.869	96	49445	40.867	ug/l #	79
13) Acrolein	3.729	56	21501	221.675	ug/l	98
14) Allyl chloride	4.472	41	69228	43.842	ug/l #	92
15) Acrylonitrile	5.161	53	97934	266.450	ug/l	98
16) Acetone	3.948	43	70373	253.925	ug/l #	84
17) Carbon Disulfide	4.192	76	115991	36.340	ug/l	100
18) Methyl Acetate	4.478	43	39643	60.463	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	185242	49.612	ug/l	95
20) Methylene Chloride	4.710	84	73561	50.285	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	60375	41.649	ug/l #	80
22) Diisopropyl ether	6.112	45	177086	47.535	ug/l #	93
23) Vinyl Acetate	6.057	43	626575	259.573	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	108022	45.172	ug/l	97
25) 2-Butanone	6.984	43	119875	276.620	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	97412	44.234	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	77208	44.890	ug/l	81
28) Bromochloromethane	7.332	49	51581	56.275	ug/l #	70
29) Tetrahydrofuran	7.344	42	78432	280.326	ug/l #	72
30) Chloroform	7.502	83	122683	45.945	ug/l	99
31) Cyclohexane	7.783	56	83997	40.313	ug/l #	80
32) 1,1,1-Trichloroethane	7.697	97	103797	44.437	ug/l	95
36) 1,1-Dichloropropene	7.917	75	83828	42.510	ug/l	97
37) Ethyl Acetate	7.069	43	54545	53.644	ug/l #	92
38) Carbon Tetrachloride	7.899	117	90343	42.585	ug/l	98
39) Methylcyclohexane	9.179	83	106403	41.937	ug/l #	83
40) Benzene	8.155	78	257175	43.796	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	73862	129.848	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	81152	47.635	ug/l	89
43) Isopropyl Acetate	8.270	43	100485	53.249	ug/l #	85
44) Trichloroethene	8.935	130	71898	42.962	ug/l	97
45) 1,2-Dichloropropane	9.215	63	65948	45.973	ug/l	94
46) Dibromomethane	9.301	93	46419	48.891	ug/l	94
47) Bromodichloromethane	9.496	83	99459	46.580	ug/l	98
48) Methyl methacrylate	9.289	41	42147	52.539	ug/l #	70
49) 1,4-Dioxane	9.295	88	15225	1242.608	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	275358	282.586	ug/l #	83
52) Toluene	10.240	92	171215	44.254	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	105515	48.489	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	113187	46.105	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	66442	49.058	ug/l	99
56) Ethyl methacrylate	10.508	69	89604	53.963	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	106181	48.822	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	178596	273.057	ug/l #	89
59) 2-Hexanone	10.831	43	192316	286.827	ug/l	78
60) Dibromochloromethane	10.983	129	77458	48.961	ug/l	98
61) 1,2-Dibromoethane	11.087	107	65173	49.219	ug/l	99
64) Tetrachloroethene	10.715	164	59769	42.144	ug/l	93
65) Chlorobenzene	11.514	112	195345	44.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	75525	46.381	ug/l	97
67) Ethyl Benzene	11.593	91	332283	44.777	ug/l	98
68) m/p-Xylenes	11.703	106	265362	89.914	ug/l	91
69) o-Xylene	12.026	106	129504	45.218	ug/l	91
70) Styrene	12.044	104	224653	47.562	ug/l	93
71) Bromoform	12.209	173	48858	49.777	ug/l #	100
73) Isopropylbenzene	12.331	105	334834	44.269	ug/l	99
74) N-amyl acetate	12.142	43	88577	53.941	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	84107	52.553	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	101262	90.000	ug/l #	100
77) Bromobenzene	12.605	156	80964	43.683	ug/l	96
78) n-propylbenzene	12.672	91	396834	44.463	ug/l	98
79) 2-Chlorotoluene	12.757	91	225020	44.925	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	280649	45.251	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	26674	53.045	ug/l #	83
82) 4-Chlorotoluene	12.855	91	236185	45.885	ug/l	96
83) tert-Butylbenzene	13.074	119	253944	45.641	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	280238	45.658	ug/l	97
85) sec-Butylbenzene	13.251	105	375264	45.493	ug/l	100
86) p-Isopropyltoluene	13.367	119	313893	45.601	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	163005	44.407	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	161568	44.472	ug/l	99
89) n-Butylbenzene	13.696	91	280948	45.175	ug/l	99
90) Hexachloroethane	13.958	117	57794	44.922	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	150390	46.050	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12465	54.436	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	81275	42.077	ug/l	99
94) Hexachlorobutadiene	15.111	225	39341	40.118	ug/l	98
95) Naphthalene	15.233	128	201953	48.810	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	72762	43.046	ug/l	98

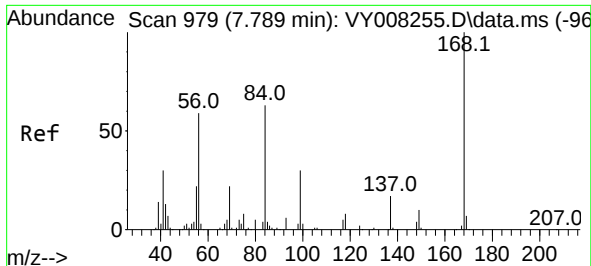
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
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Response via : Initial Calibration

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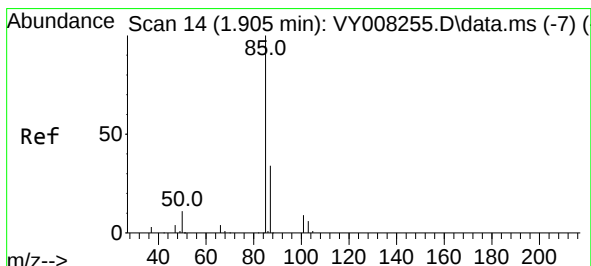
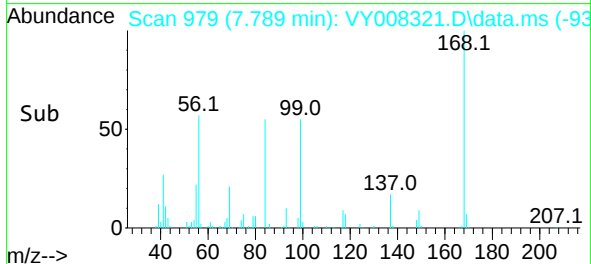
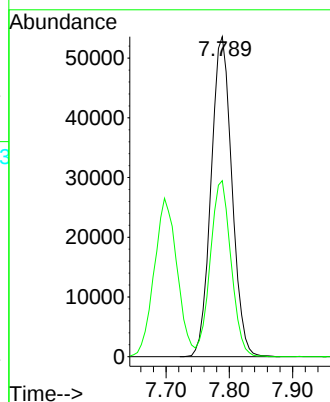
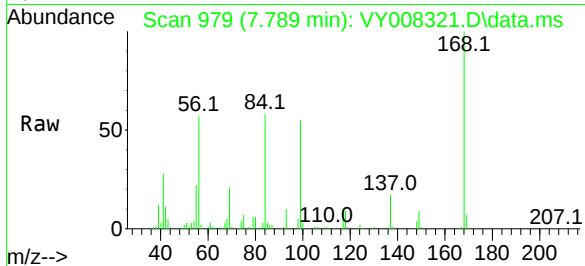
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008321.D
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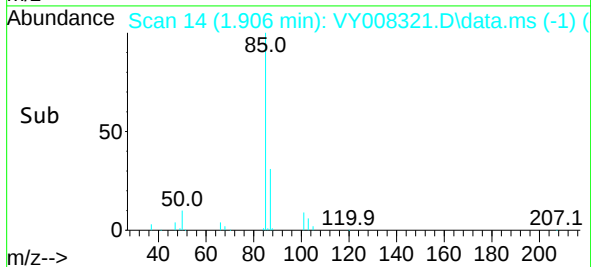
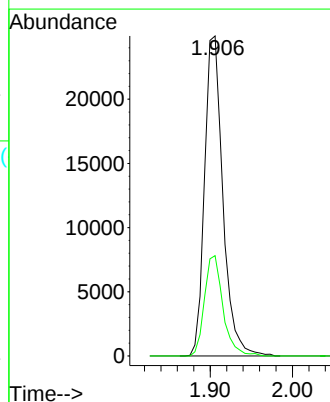
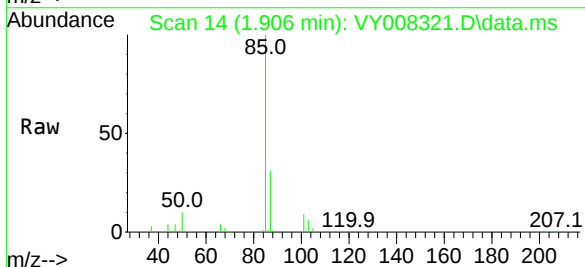
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ClientSampleId :
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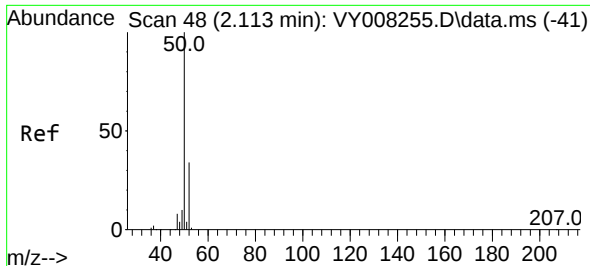
Tgt Ion:168 Resp: 122667
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 37.980 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 85 Resp: 38582
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2

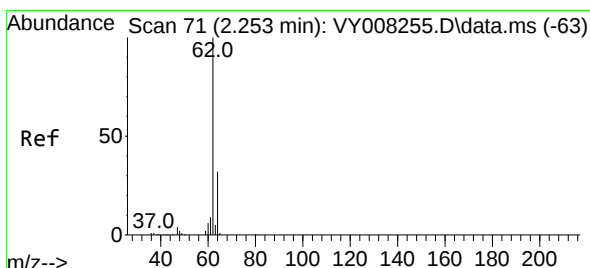
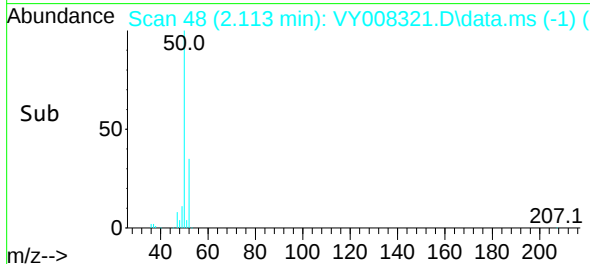
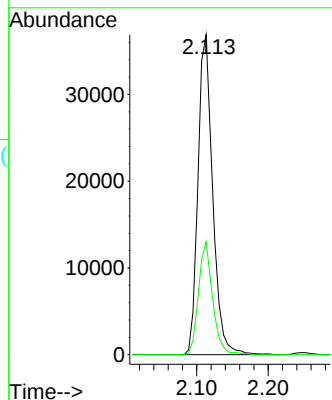
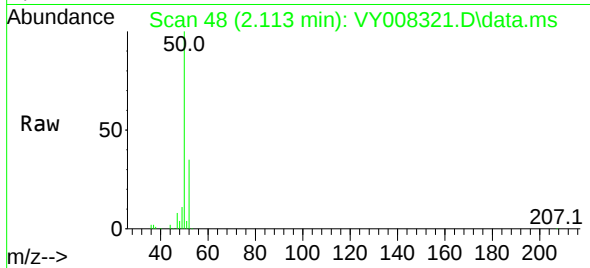




#3
Chloromethane
Concen: 45.227 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

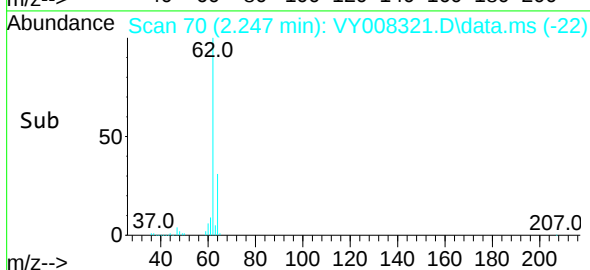
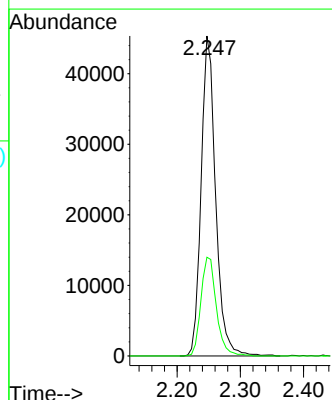
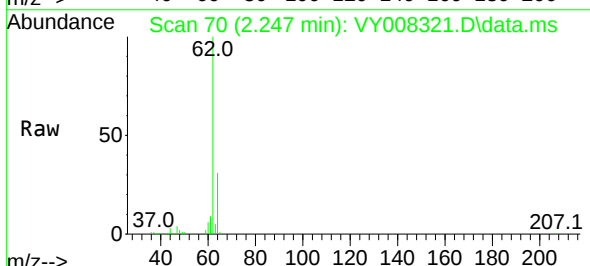
Instrument :
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ClientSampleId :
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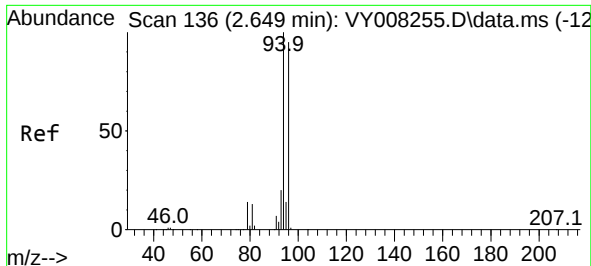
Tgt Ion: 50 Resp: 52629
Ion Ratio Lower Upper
50 100
52 35.3 24.6 37.0



#4
Vinyl Chloride
Concen: 41.402 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 62 Resp: 72351
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6

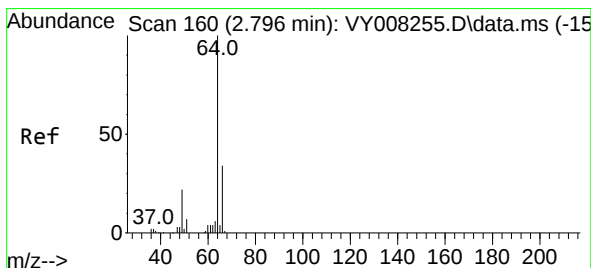
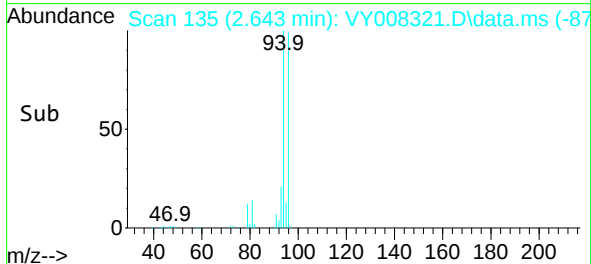
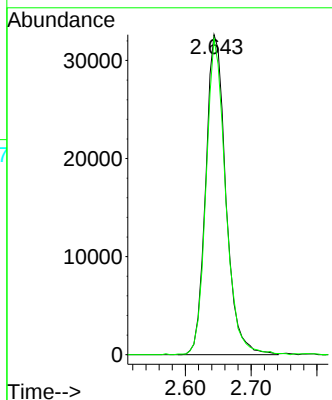
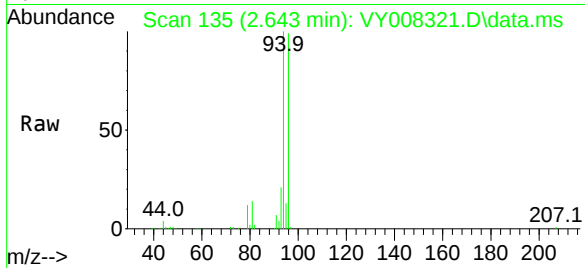




#5
Bromomethane
Concen: 51.265 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

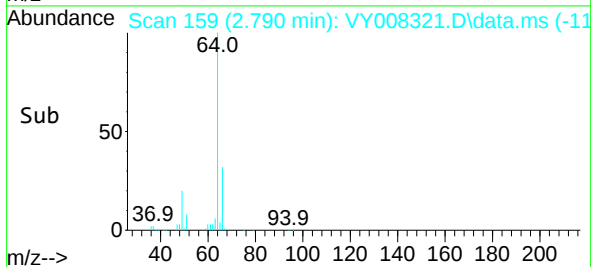
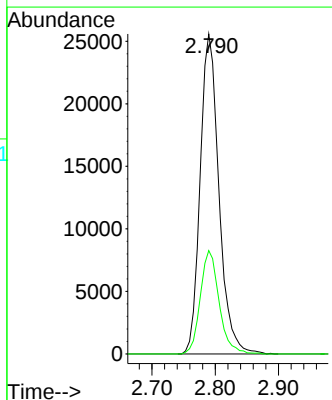
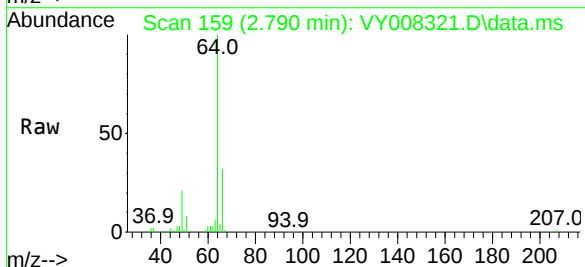
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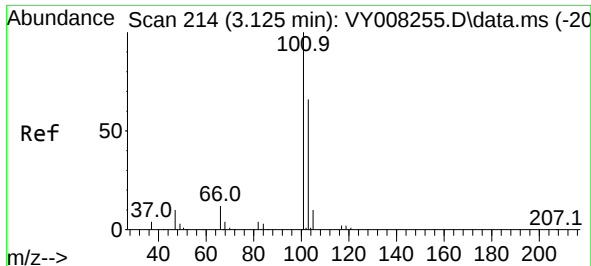
Tgt Ion: 94 Resp: 69427
Ion Ratio Lower Upper
94 100
96 98.5 73.5 110.3



#6
Chloroethane
Concen: 43.148 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 64 Resp: 52812
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

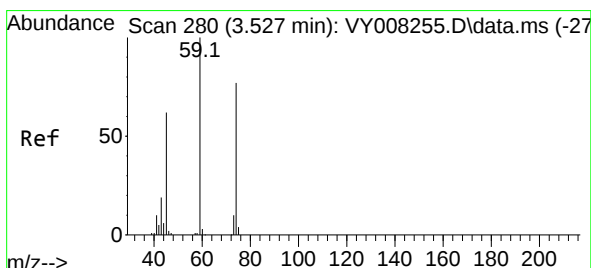
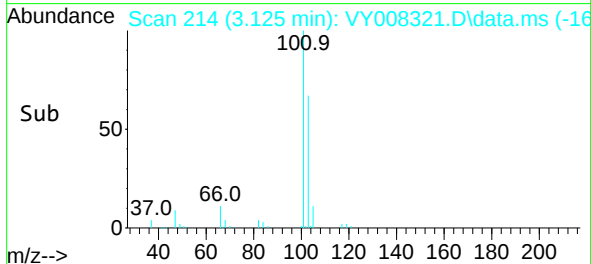
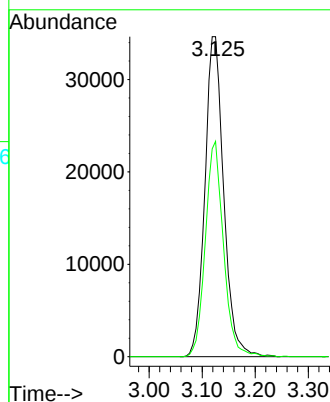
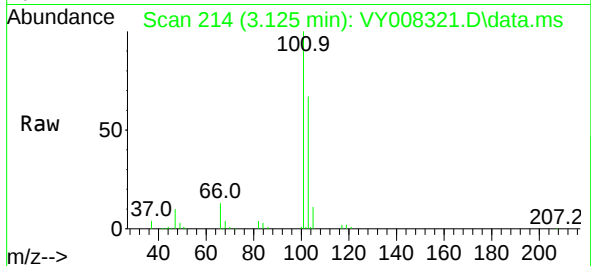




#7
 Trichlorofluoromethane
 Concen: 41.091 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

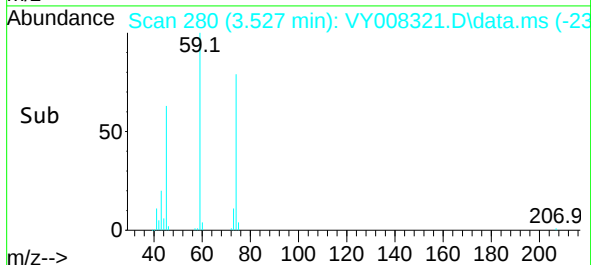
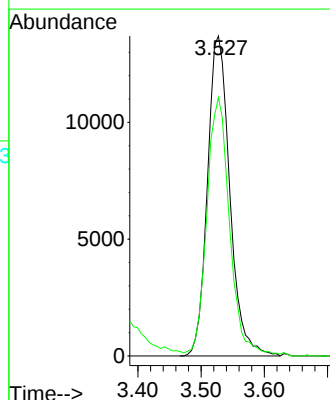
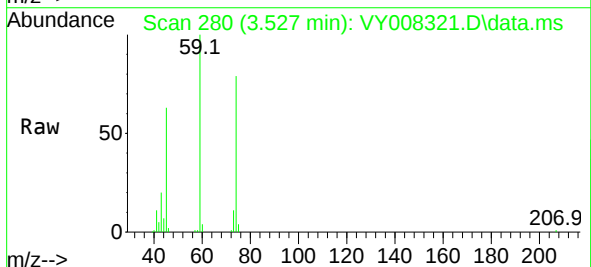
Instrument :
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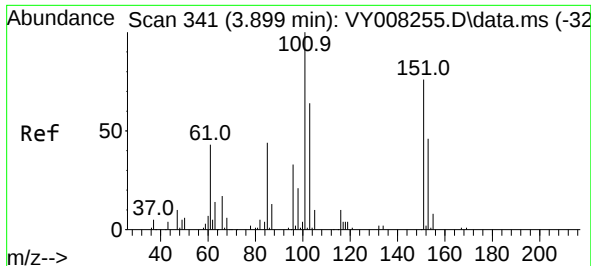
Tgt Ion:101 Resp: 85444
 Ion Ratio Lower Upper
 101 100
 103 67.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 44.714 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion: 74 Resp: 33602
 Ion Ratio Lower Upper
 74 100
 45 82.8 55.1 165.5

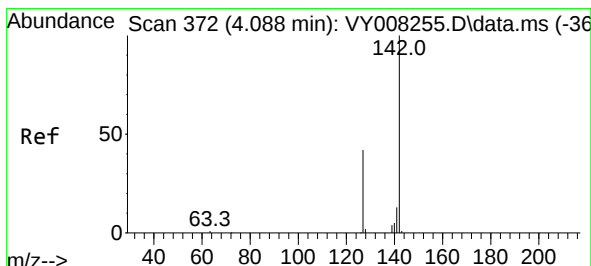
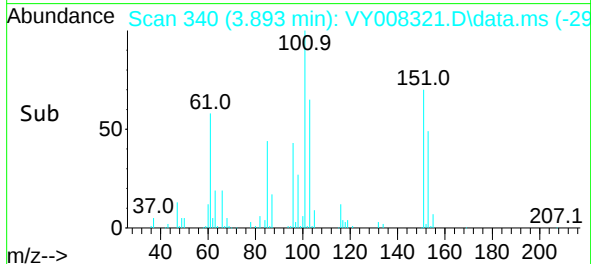
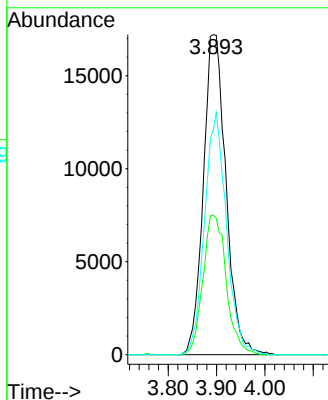
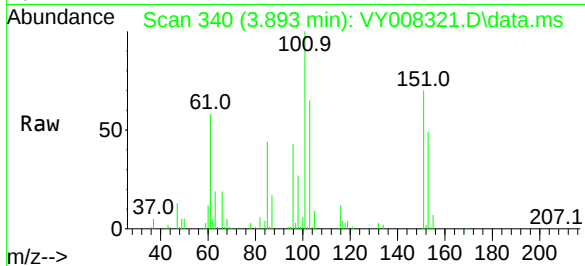




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.442 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008321.D
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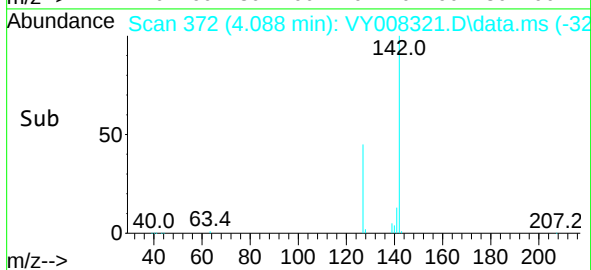
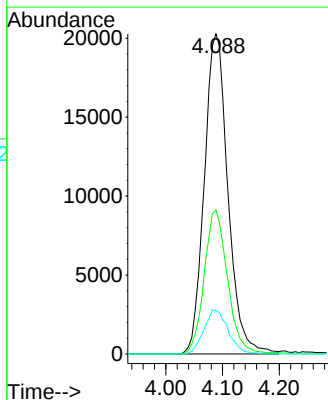
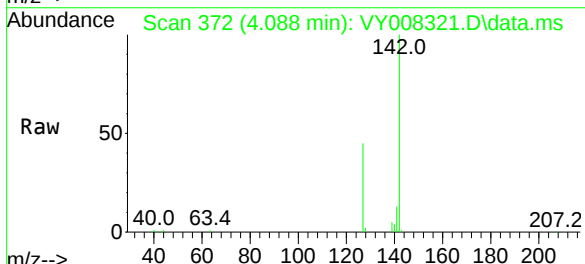
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

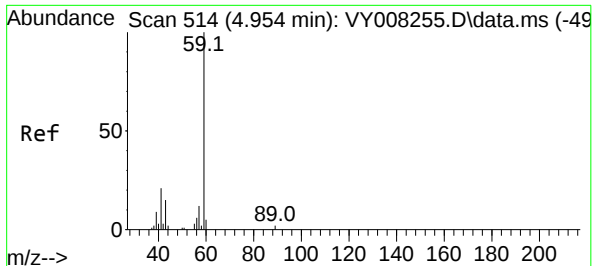
Tgt Ion:101 Resp: 55976
Ion Ratio Lower Upper
101 100
85 44.8 40.6 60.8
151 73.4 64.9 97.3



#10
Methyl Iodide
Concen: 39.382 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion:142 Resp: 58641
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.1 11.9 17.9

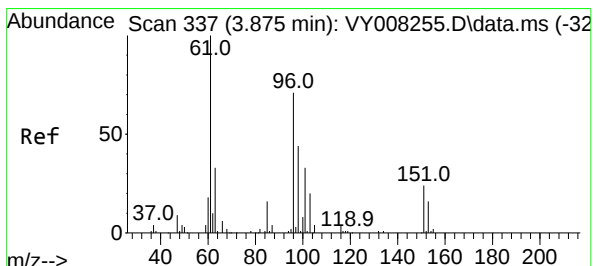
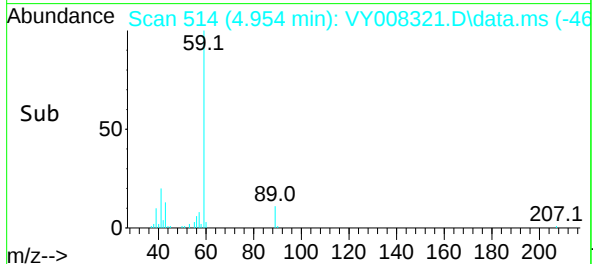
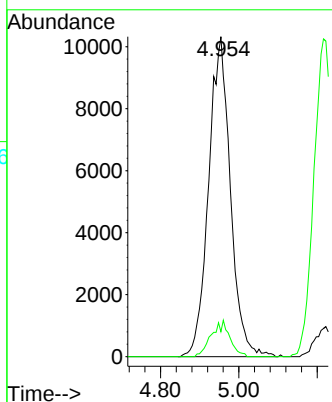
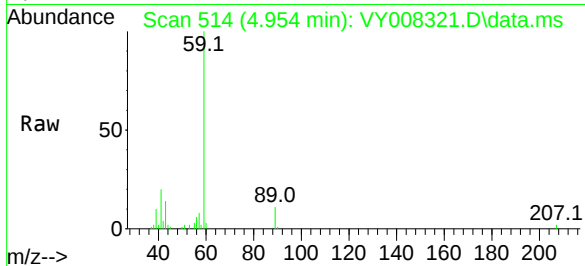




#11
Tert butyl alcohol
Concen: 324.077 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

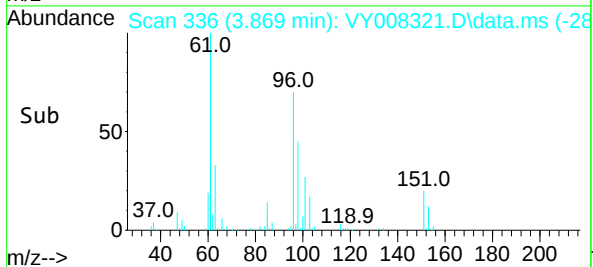
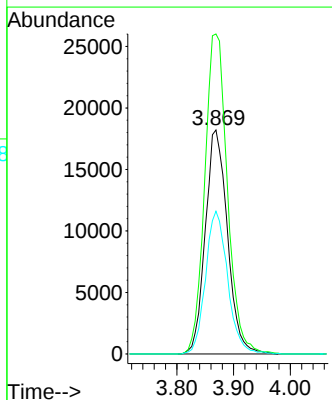
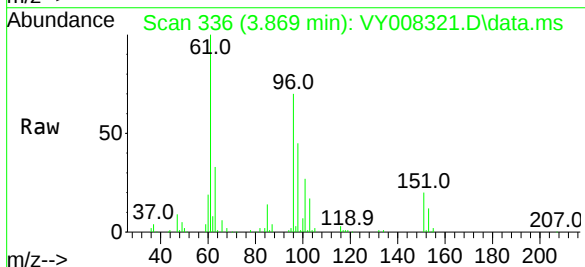
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

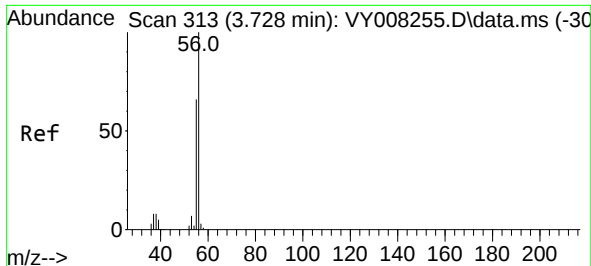
Tgt Ion: 59 Resp: 39921
Ion Ratio Lower Upper
59 100
57 9.6 6.4 9.6



#12
1,1-Dichloroethene
Concen: 40.867 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 96 Resp: 49445
Ion Ratio Lower Upper
96 100
61 142.9 145.8 218.6#
98 63.7 52.5 78.7





#13

Acrolein

Concen: 221.675 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY008321.D

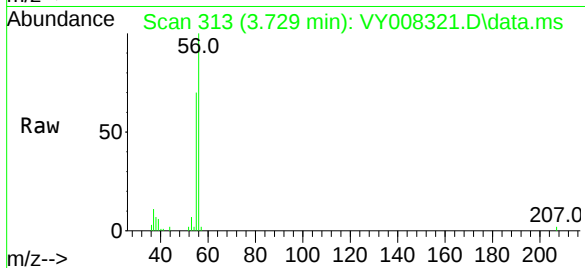
Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

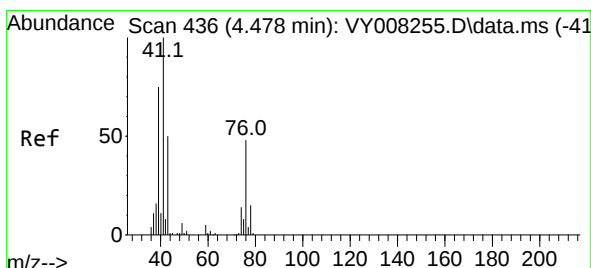
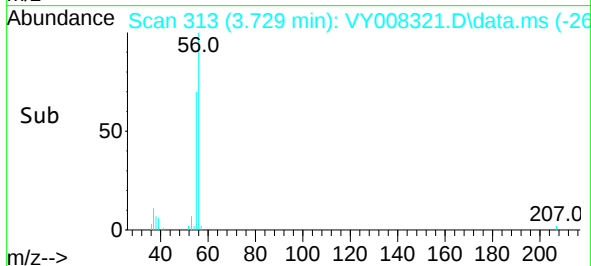
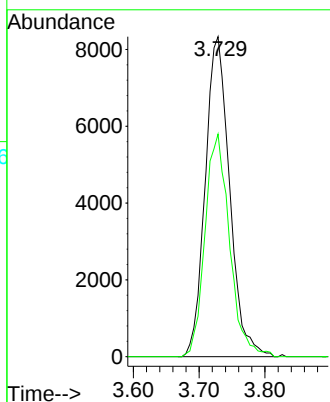


Tgt Ion: 56 Resp: 21501

Ion Ratio Lower Upper

56 100

55 70.0 57.6 86.4



#14

Allyl chloride

Concen: 43.842 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

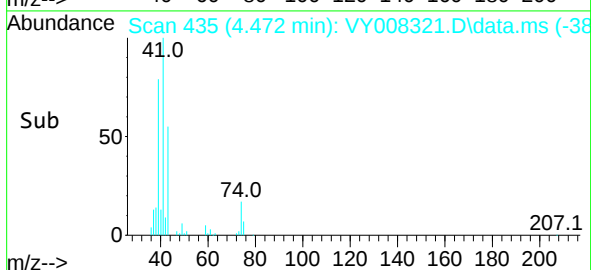
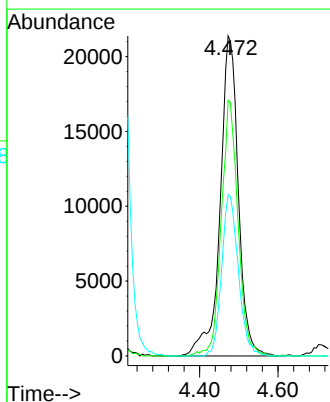
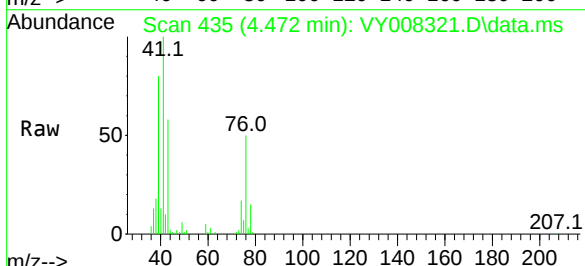
Tgt Ion: 41 Resp: 69228

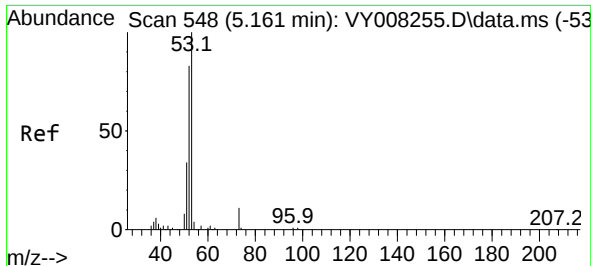
Ion Ratio Lower Upper

41 100

39 73.8 58.8 88.2

76 46.3 25.1 37.7#

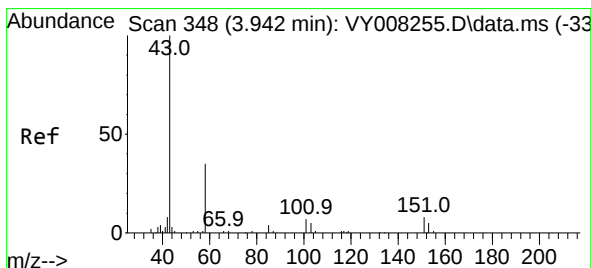
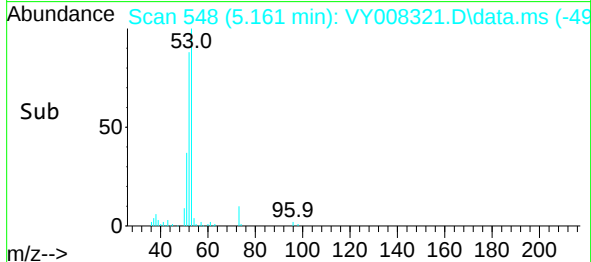
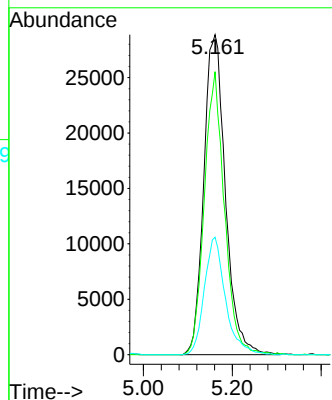
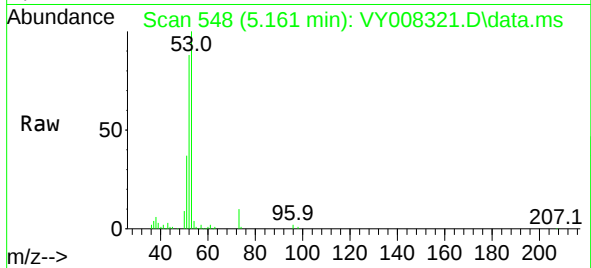




#15
Acrylonitrile
Concen: 266.450 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

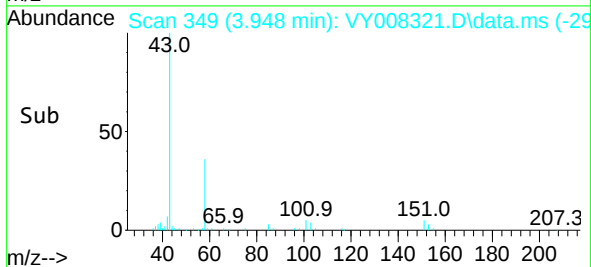
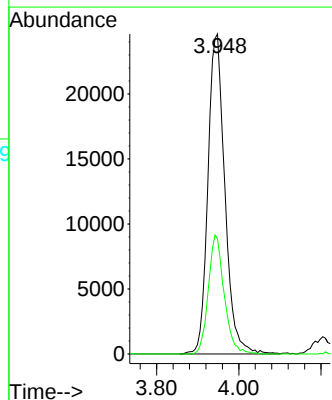
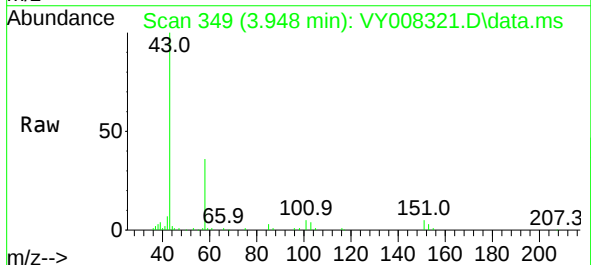
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

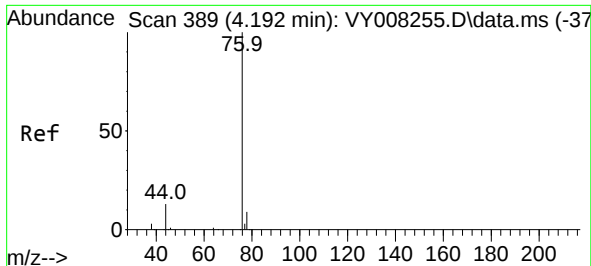
Tgt Ion: 53 Resp: 97934
Ion Ratio Lower Upper
53 100
52 82.0 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 253.925 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 43 Resp: 70373
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#

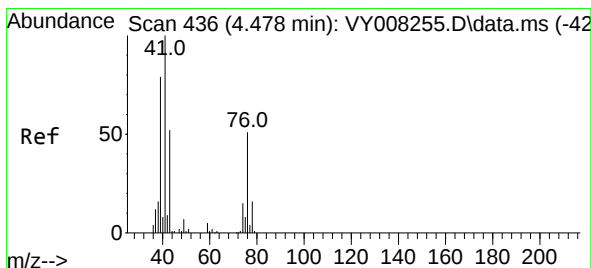
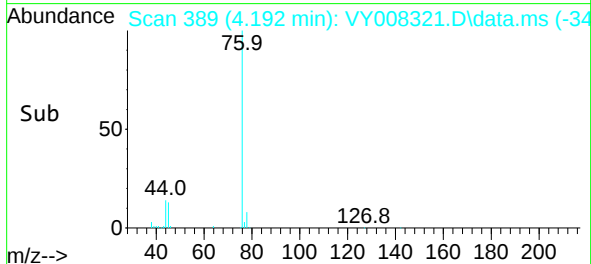
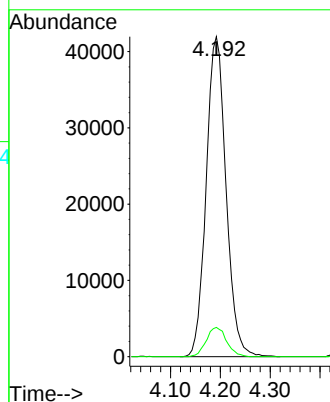
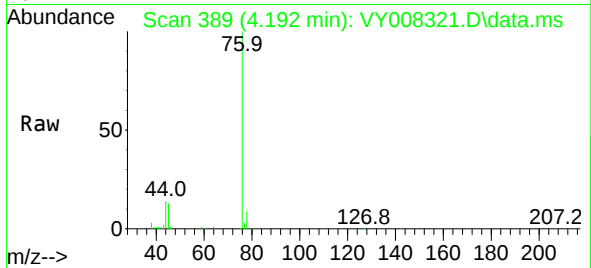




#17
Carbon Disulfide
Concen: 36.340 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

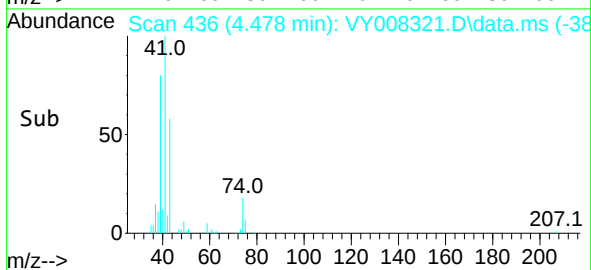
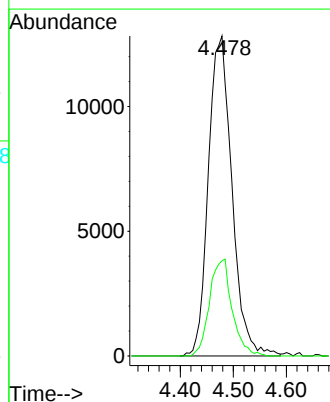
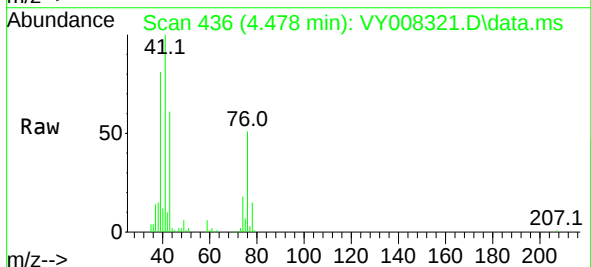
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050EC

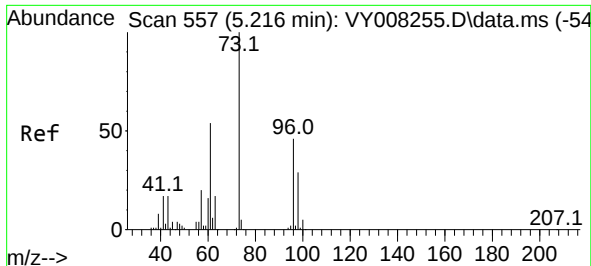
Tgt Ion: 76 Resp: 115991
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 60.463 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 43 Resp: 39643
Ion Ratio Lower Upper
43 100
74 28.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.612 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

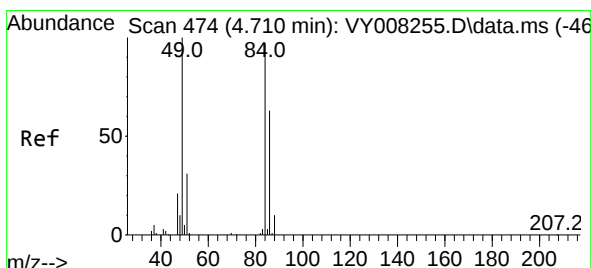
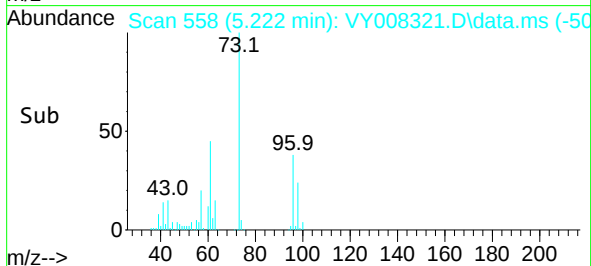
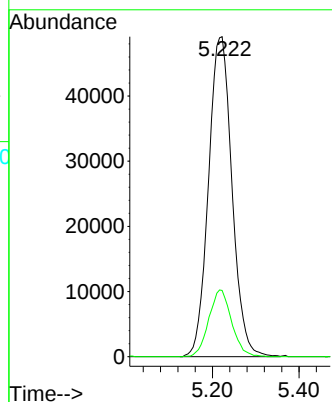
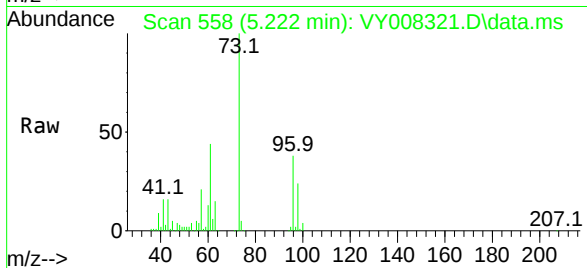
VSTDCCC050EC

Tgt Ion: 73 Resp: 185242

Ion Ratio Lower Upper

73 100

57 20.7 18.6 27.8



#20

Methylene Chloride

Concen: 50.285 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Tgt Ion: 84 Resp: 73561

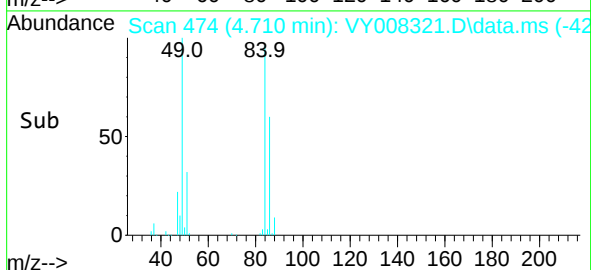
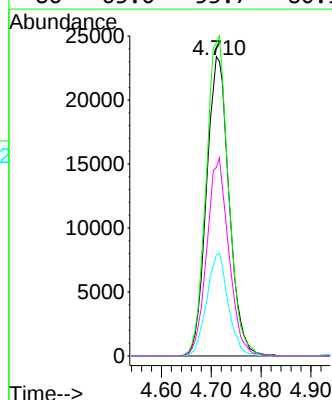
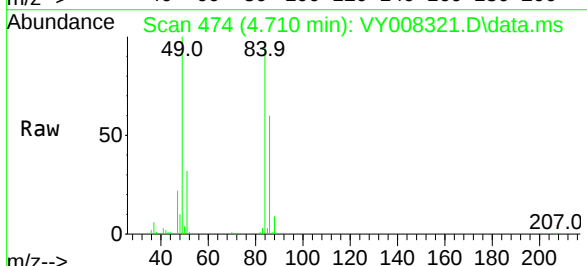
Ion Ratio Lower Upper

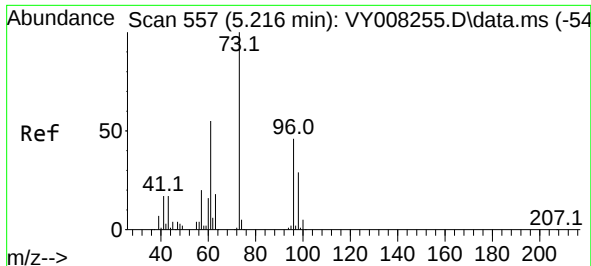
84 100

49 104.5 114.4 171.6#

51 33.7 35.3 52.9#

86 63.0 53.7 80.5

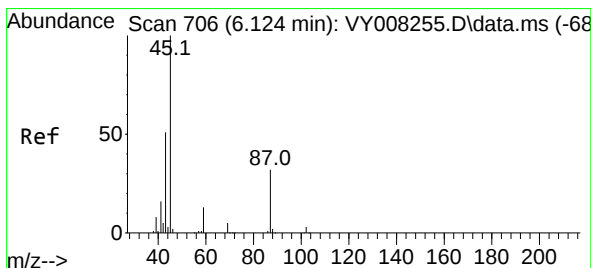
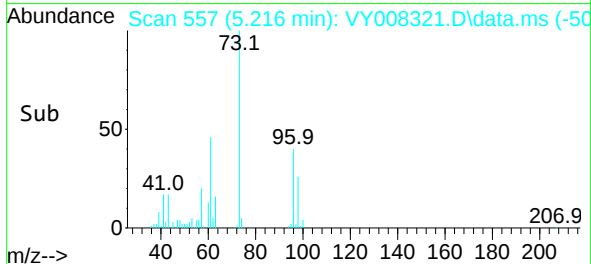
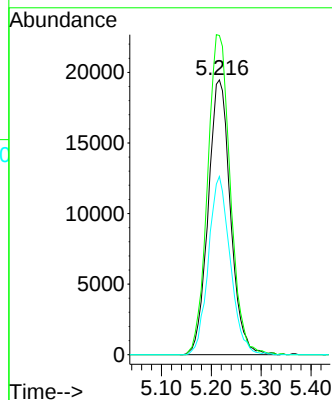
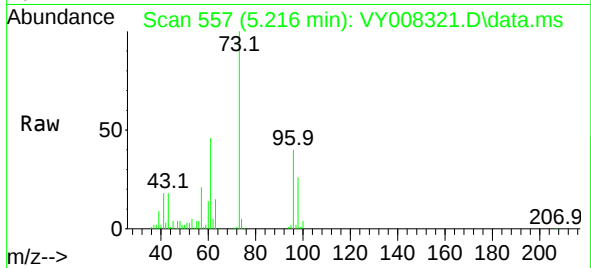




#21
trans-1,2-Dichloroethene
Concen: 41.649 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

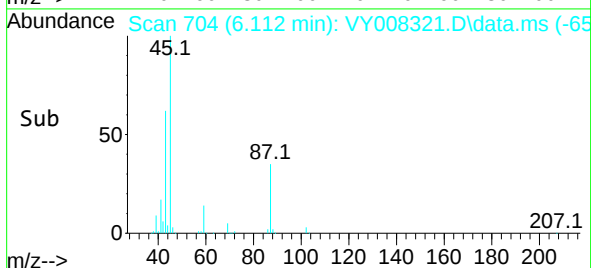
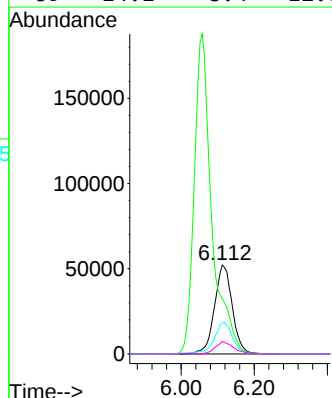
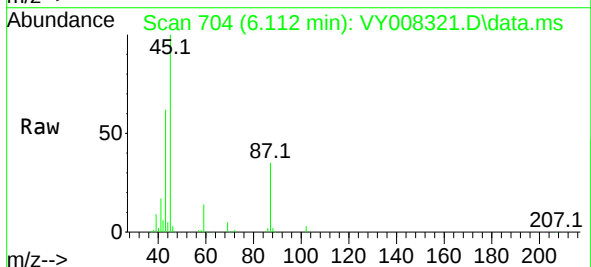
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

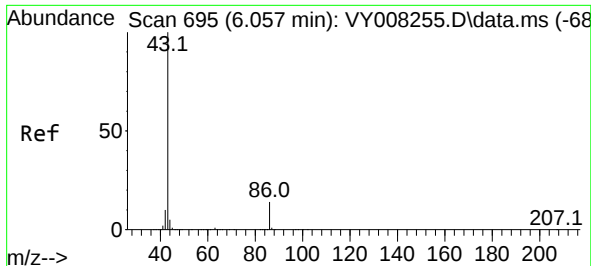
Tgt Ion: 96 Resp: 60375
Ion Ratio Lower Upper
96 100
61 116.2 120.5 180.7#
98 64.9 49.8 74.8



#22
Diisopropyl ether
Concen: 47.535 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 45 Resp: 177086
Ion Ratio Lower Upper
45 100
43 61.7 49.3 73.9
87 34.8 19.2 28.8#
59 14.1 8.4 12.6#

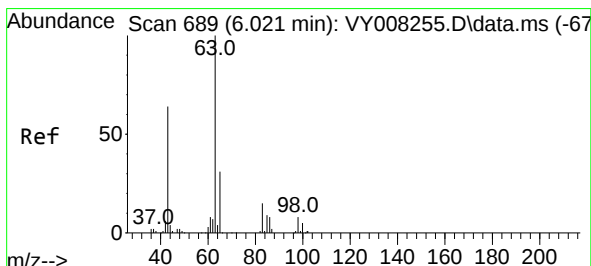
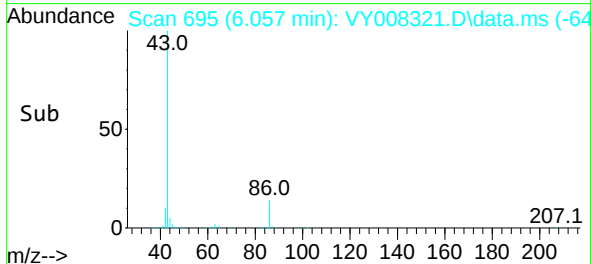
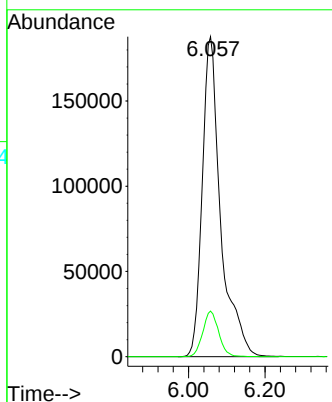
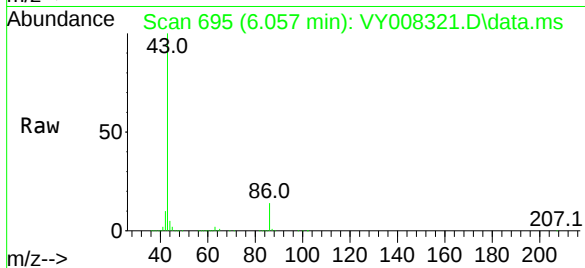




#23
 Vinyl Acetate
 Concen: 259.573 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

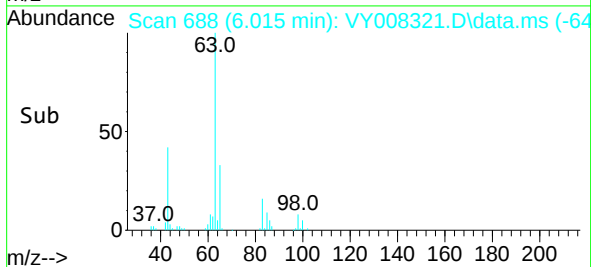
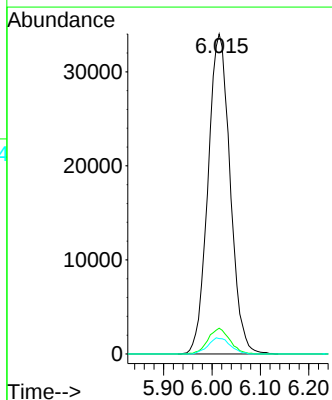
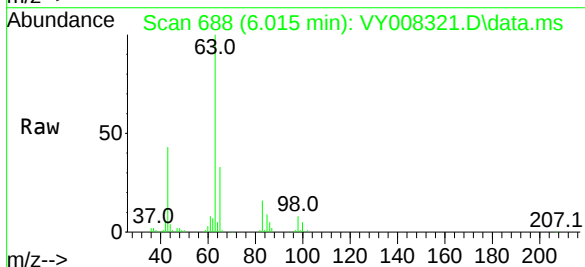
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

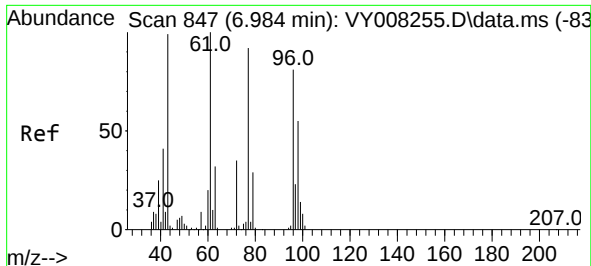
Tgt Ion: 43 Resp: 626575
 Ion Ratio Lower Upper
 43 100
 86 14.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.172 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion: 63 Resp: 108022
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 276.620 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

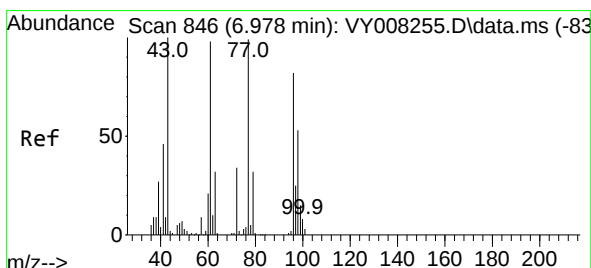
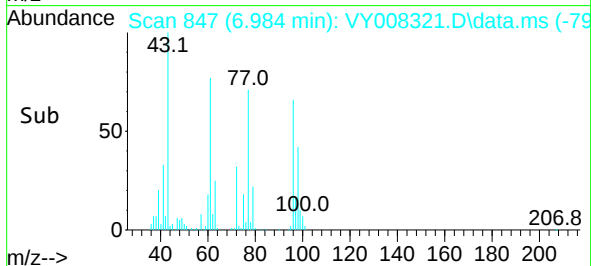
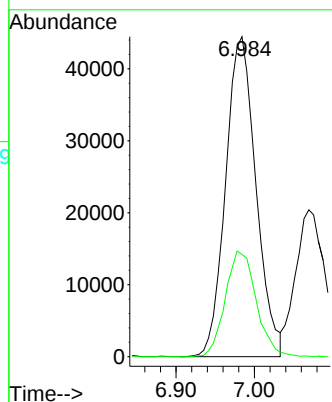
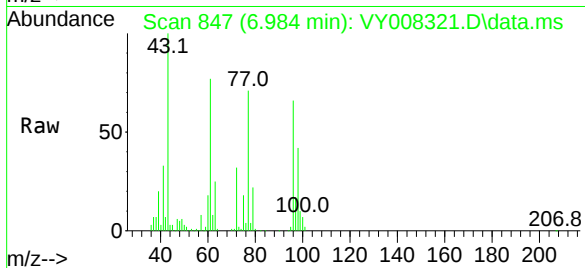
VSTDCCC050EC

Tgt Ion: 43 Resp: 119875

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 44.234 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008321.D

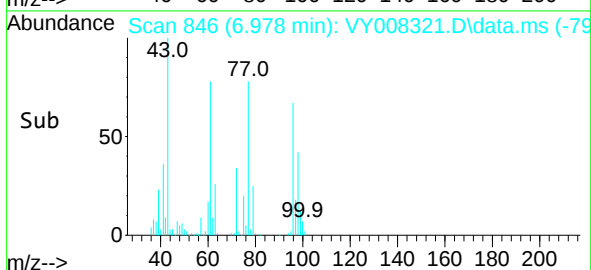
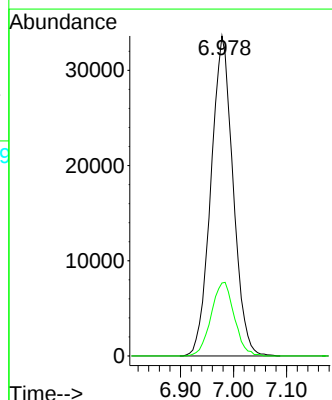
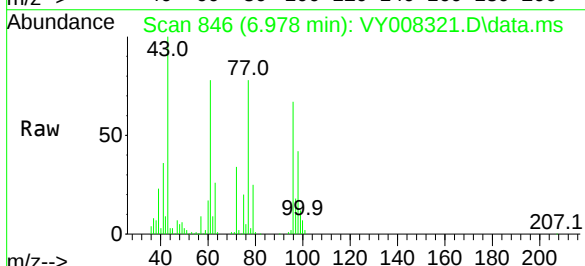
Acq: 13 Apr 2022 18:33

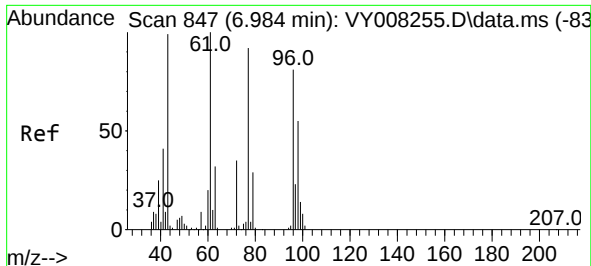
Tgt Ion: 77 Resp: 97412

Ion Ratio Lower Upper

77 100

97 24.1 10.4 31.4

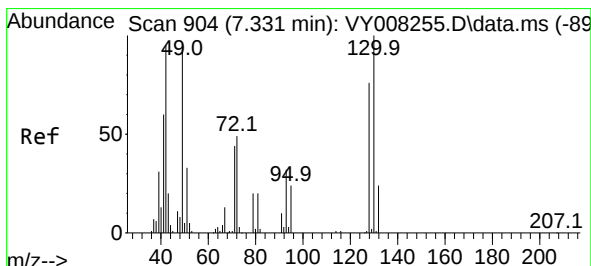
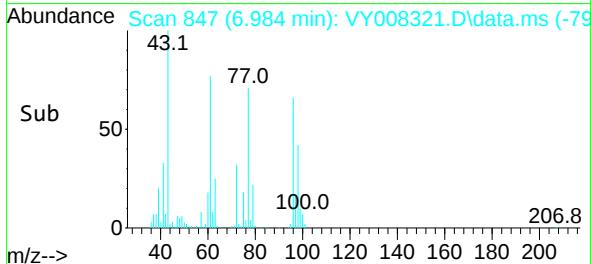
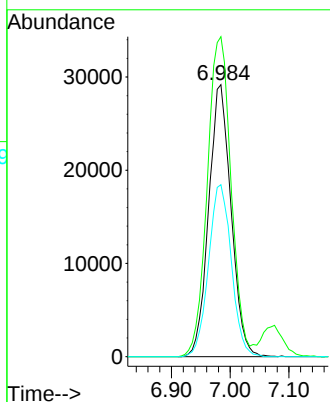
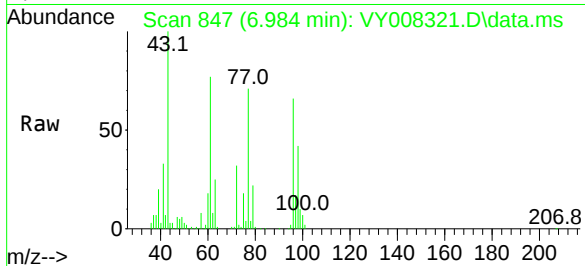




#27
 cis-1,2-Dichloroethene
 Concen: 44.890 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

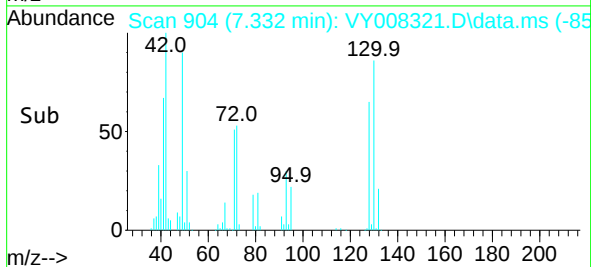
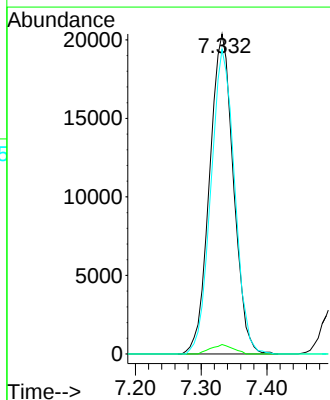
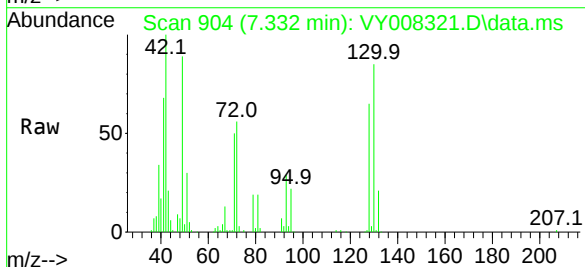
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

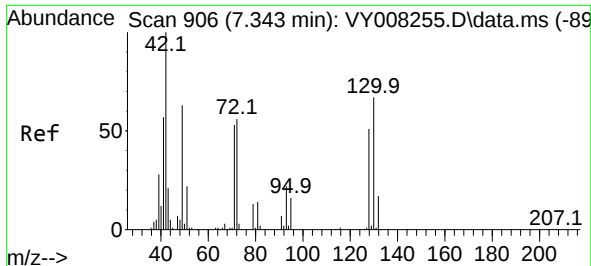
Tgt Ion: 96 Resp: 77208
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 319.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 56.275 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion: 49 Resp: 51581
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 2.2#
 130 94.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 280.326 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

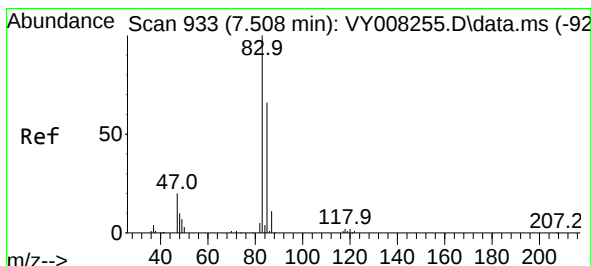
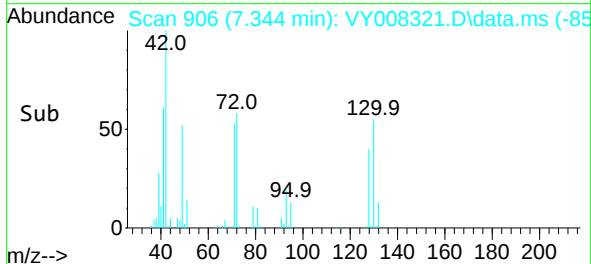
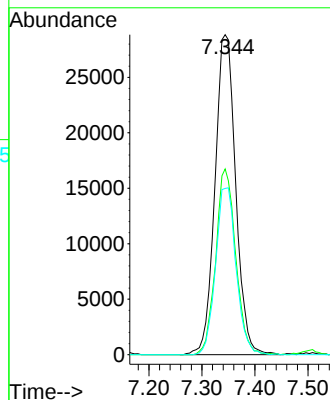
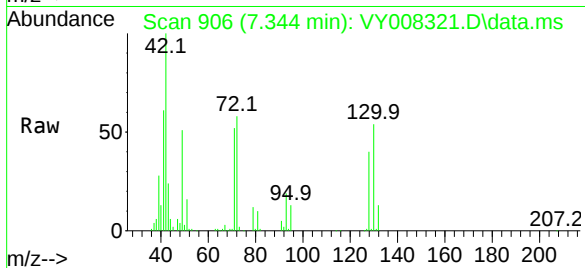
Tgt Ion: 42 Resp: 78432

Ion Ratio Lower Upper

42 100

72 56.0 30.3 45.5#

71 51.5 29.0 43.4#



#30

Chloroform

Concen: 45.945 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008321.D

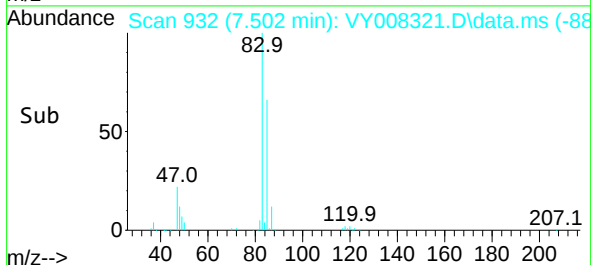
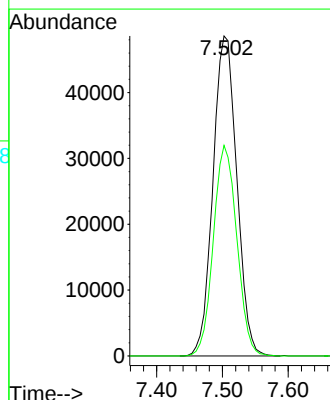
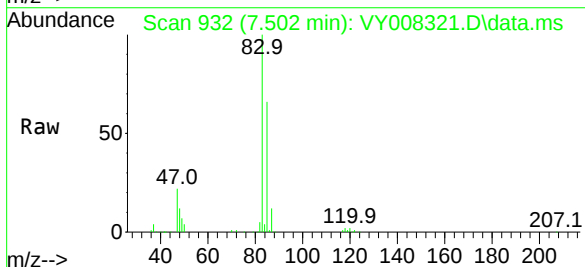
Acq: 13 Apr 2022 18:33

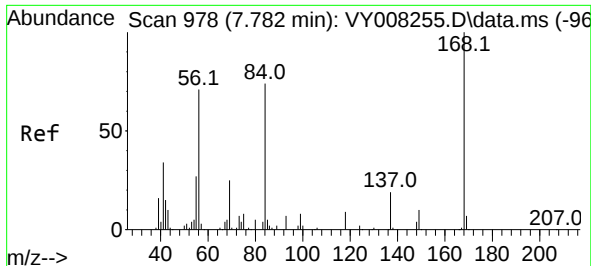
Tgt Ion: 83 Resp: 122683

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

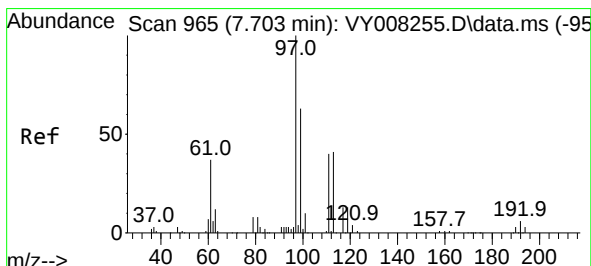
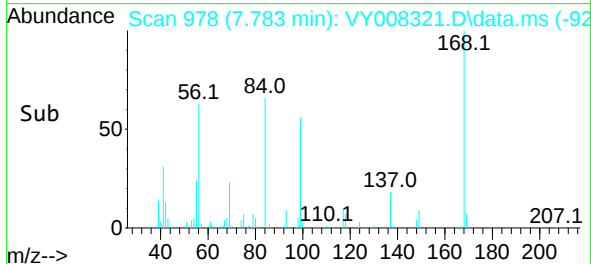
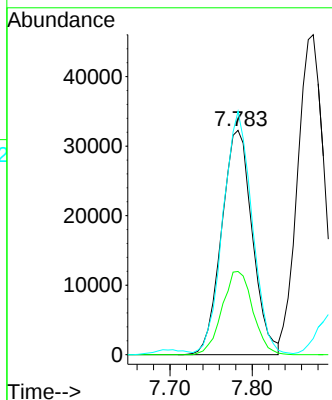
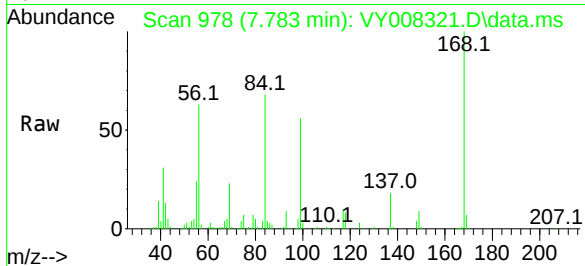




#31
Cyclohexane
Concen: 40.313 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

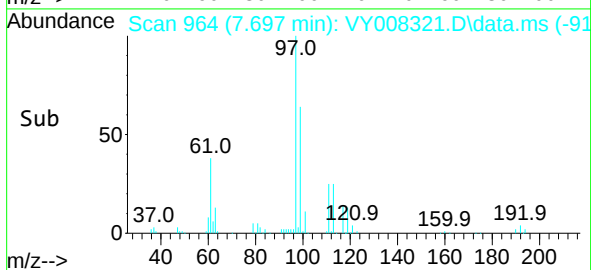
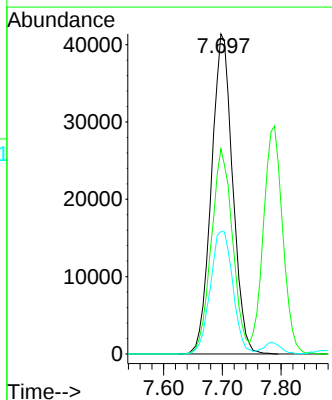
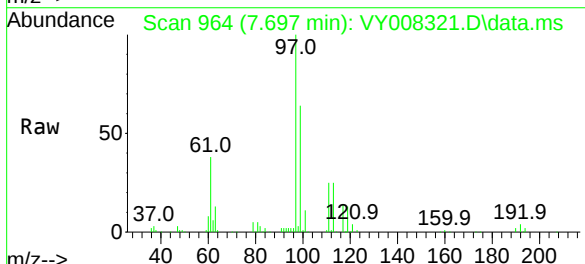
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

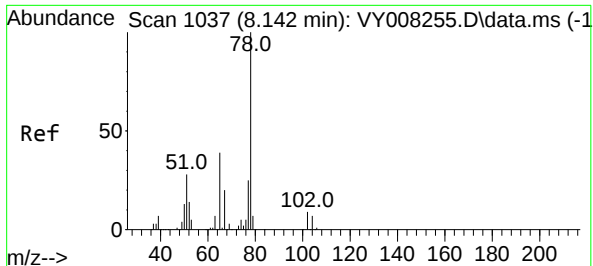
Tgt Ion: 56 Resp: 83997
Ion Ratio Lower Upper
56 100
69 37.1 26.7 40.1
84 106.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 44.437 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 97 Resp: 103797
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 40.6 37.6 56.4

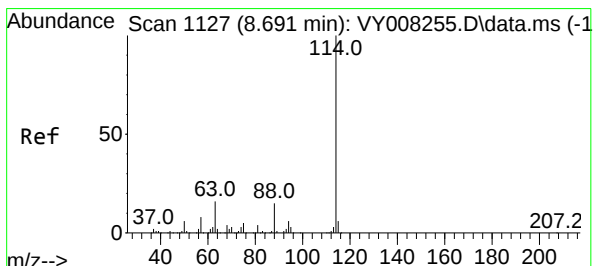
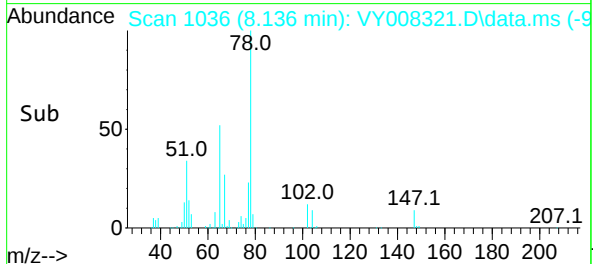
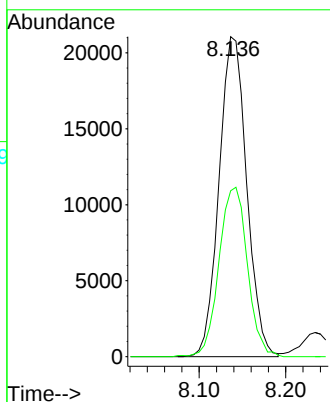
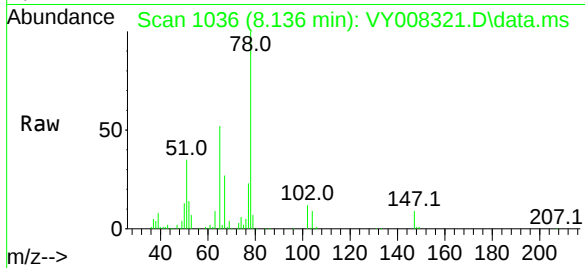




#33
 1,2-Dichloroethane-d4
 Concen: 40.562 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

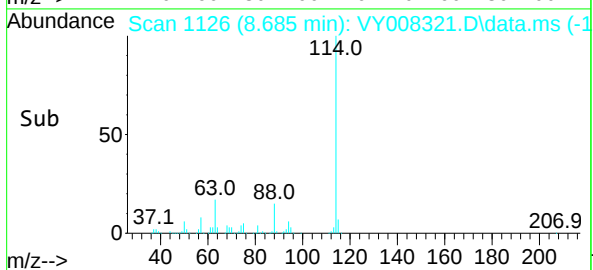
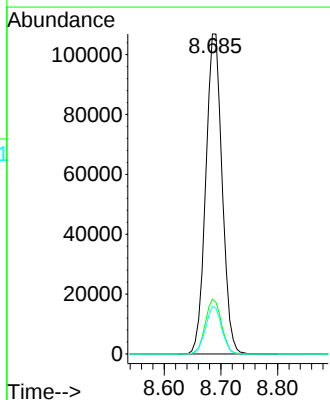
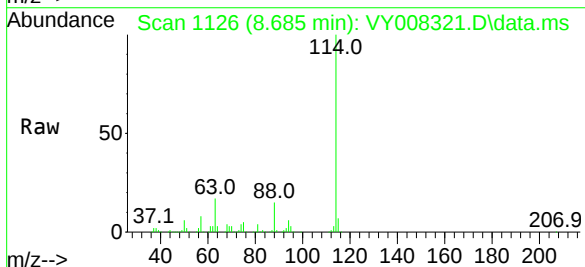
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

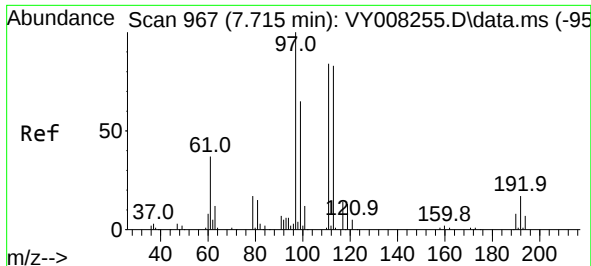
Tgt Ion: 65 Resp: 46737
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion: 114 Resp: 213805
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 43.2
 88 14.9 0.0 31.8

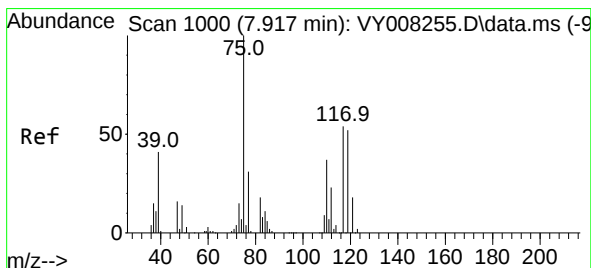
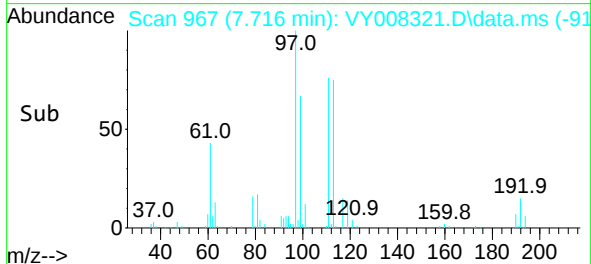
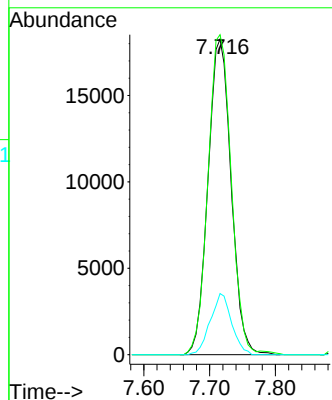
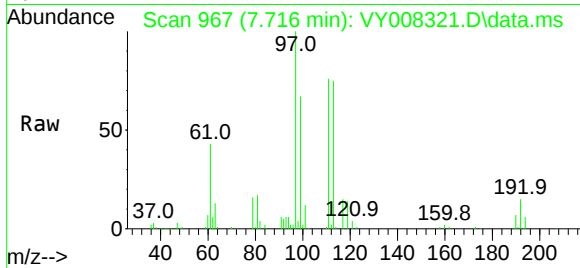




#35
Dibromofluoromethane
Concen: 36.114 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

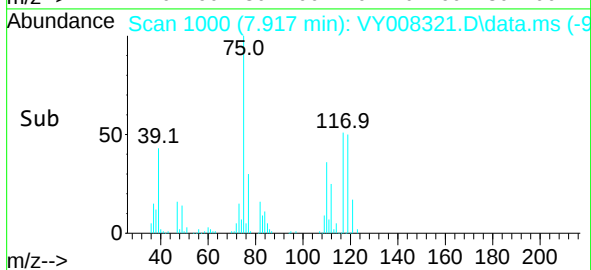
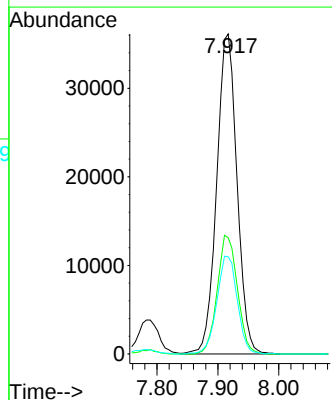
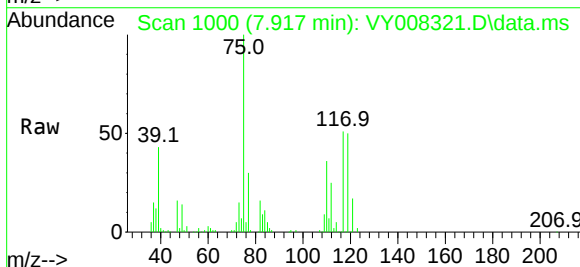
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

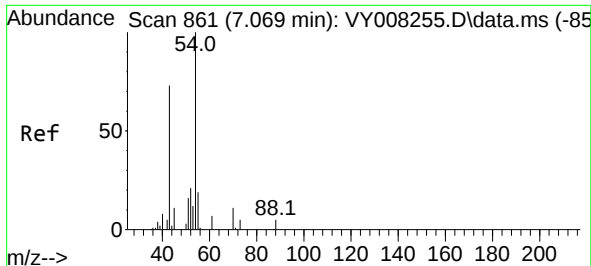
Tgt Ion:113 Resp: 44597
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 42.510 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 75 Resp: 83828
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 53.644 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

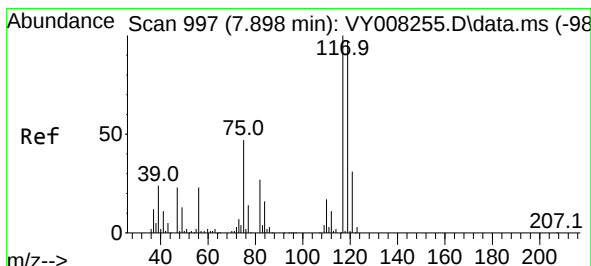
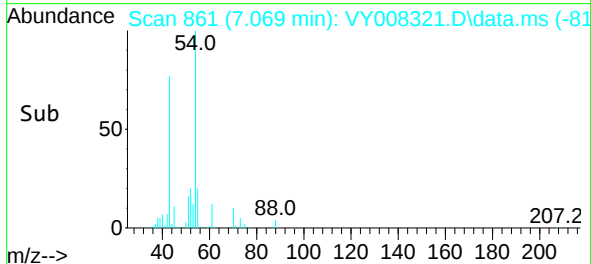
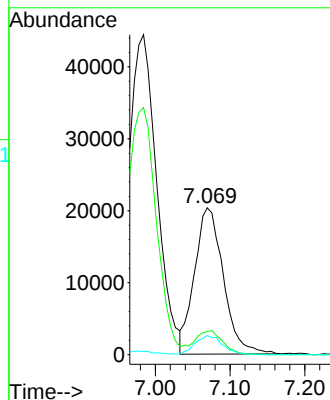
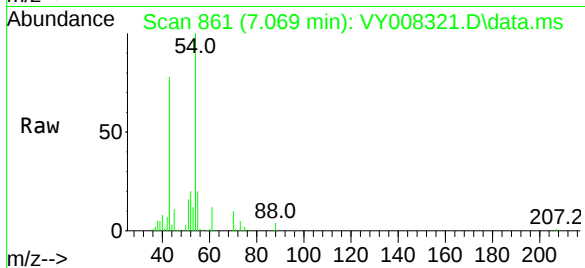
Tgt Ion: 43 Resp: 54545

Ion Ratio Lower Upper

43 100

61 15.0 9.7 14.5#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 42.585 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

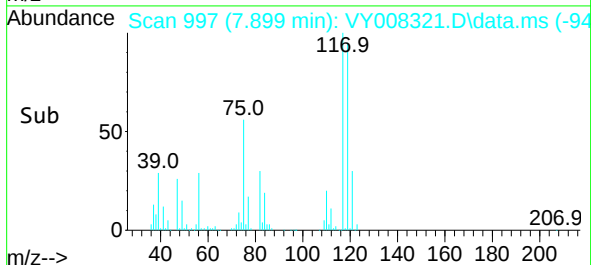
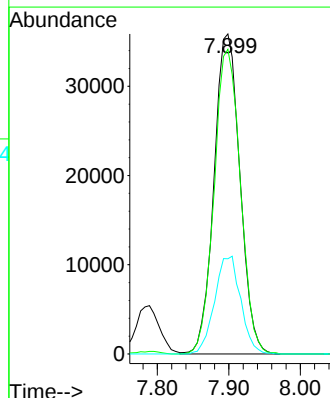
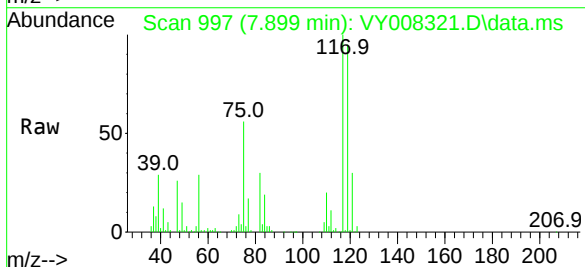
Tgt Ion: 117 Resp: 90343

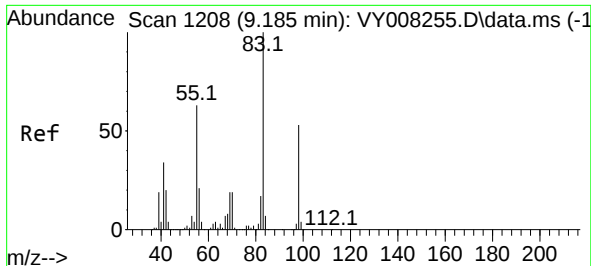
Ion Ratio Lower Upper

117 100

119 95.2 77.9 116.9

121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 41.937 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

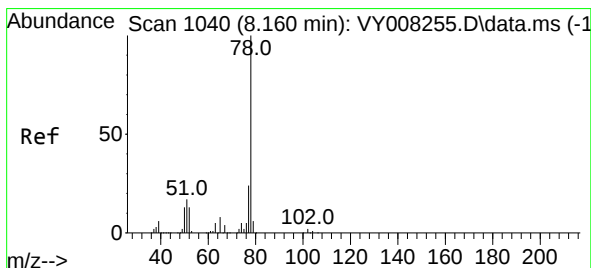
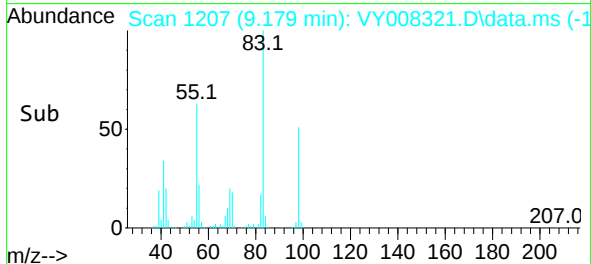
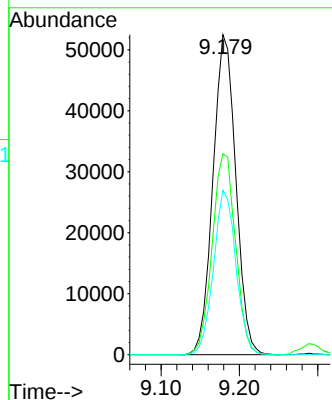
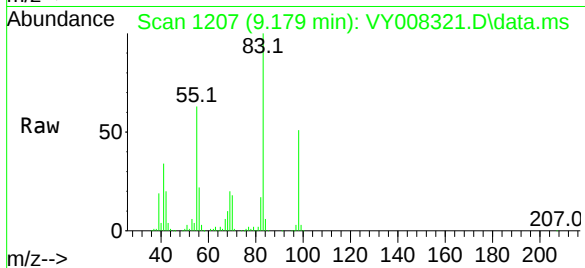
Tgt Ion: 83 Resp: 106403

Ion Ratio Lower Upper

83 100

55 62.8 66.5 99.7#

98 51.4 37.9 56.9



#40

Benzene

Concen: 43.796 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.005 min

Lab File: VY008321.D

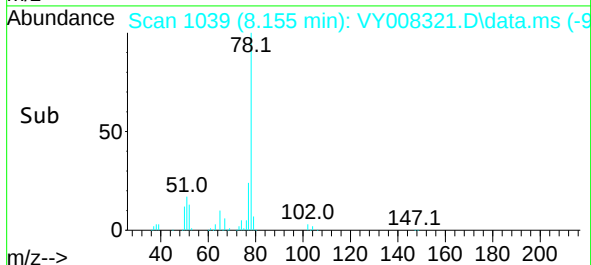
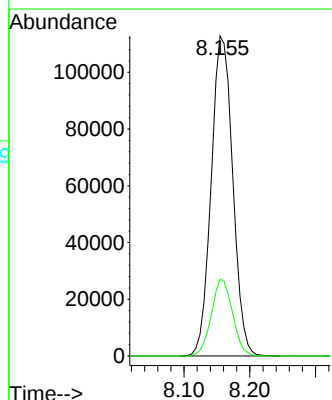
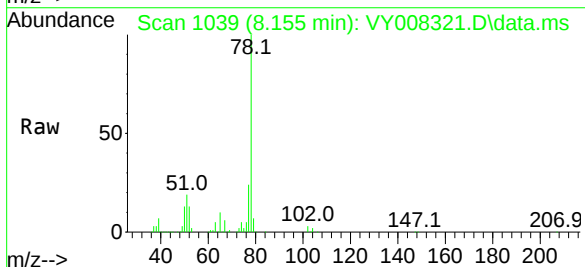
Acq: 13 Apr 2022 18:33

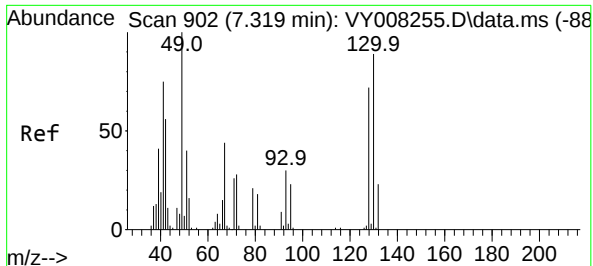
Tgt Ion: 78 Resp: 257175

Ion Ratio Lower Upper

78 100

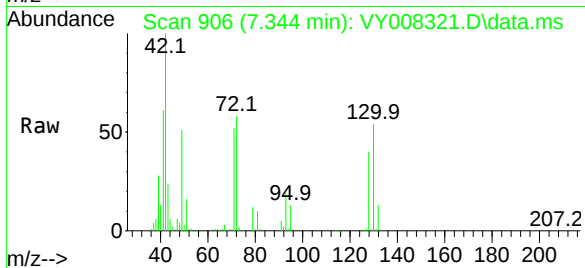
77 24.0 20.4 30.6



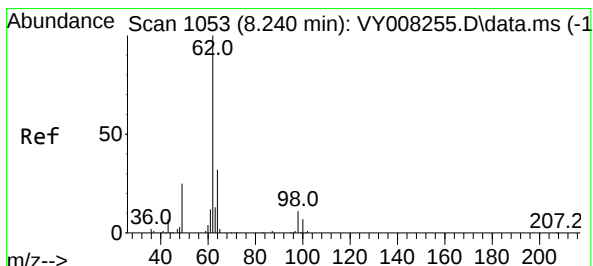
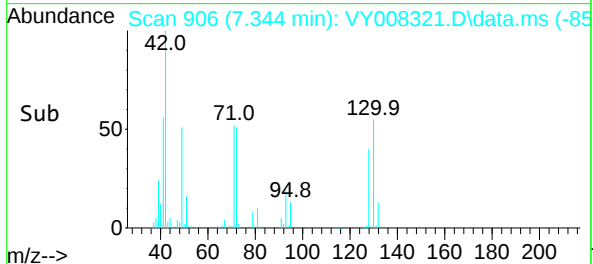
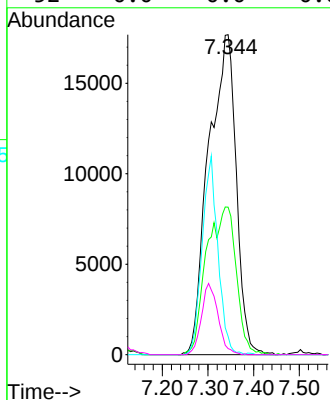


#41
Methacrylonitrile
Concen: 129.848 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

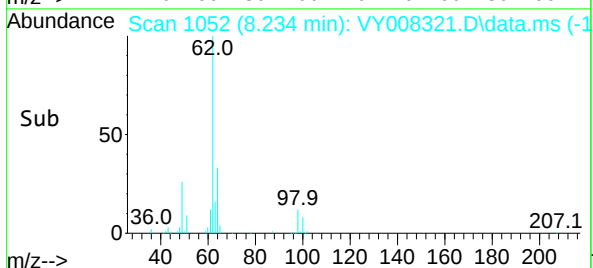
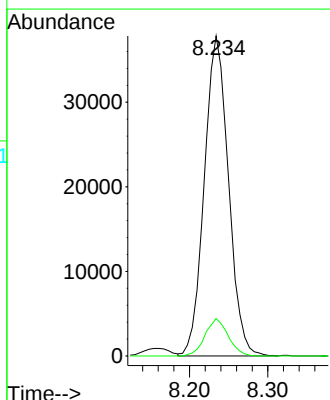
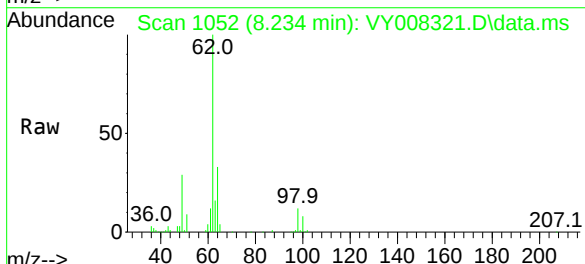


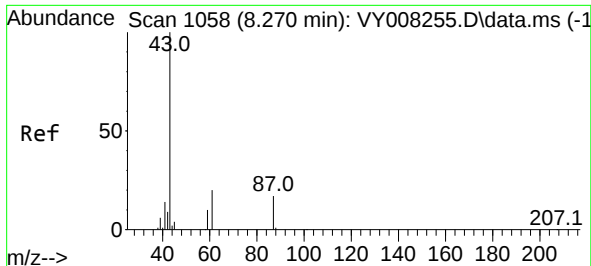
Tgt Ion: 41 Resp: 73862
Ion Ratio Lower Upper
41 100
39 49.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.635 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 62 Resp: 81152
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 53.249 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

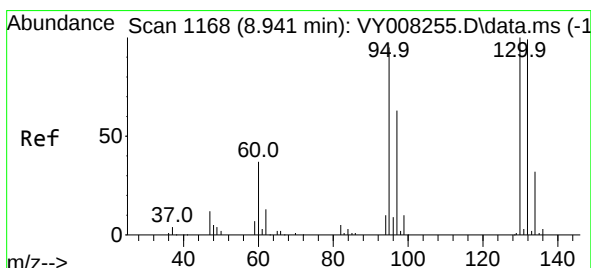
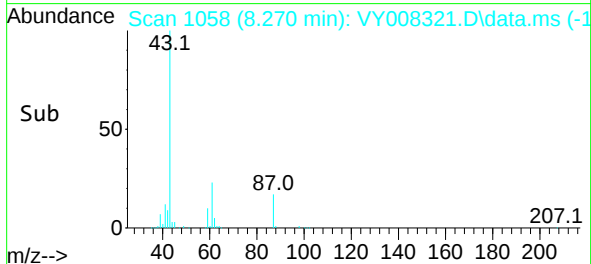
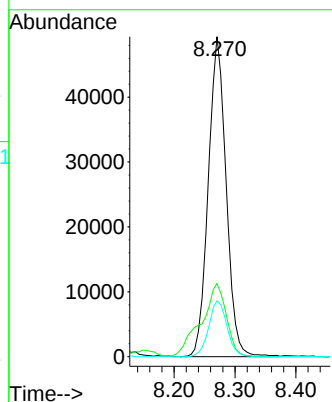
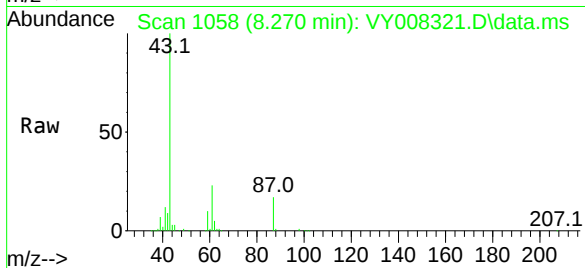
Tgt Ion: 43 Resp: 100485

Ion Ratio Lower Upper

43 100

61 32.3 20.2 30.2#

87 17.9 8.9 13.3#



#44

Trichloroethene

Concen: 42.962 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008321.D

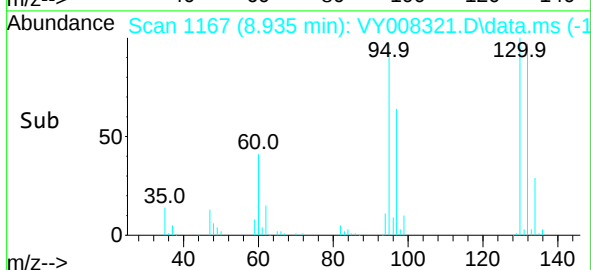
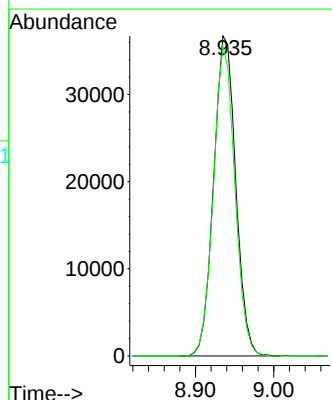
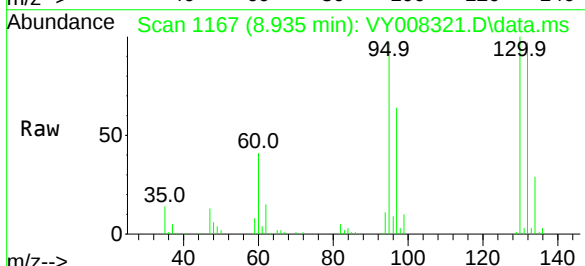
Acq: 13 Apr 2022 18:33

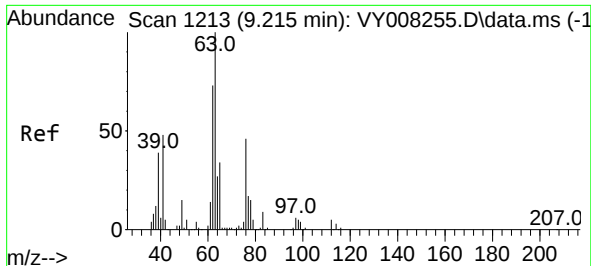
Tgt Ion:130 Resp: 71898

Ion Ratio Lower Upper

130 100

95 96.6 0.0 188.2

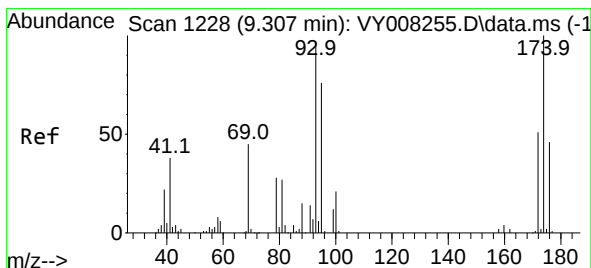
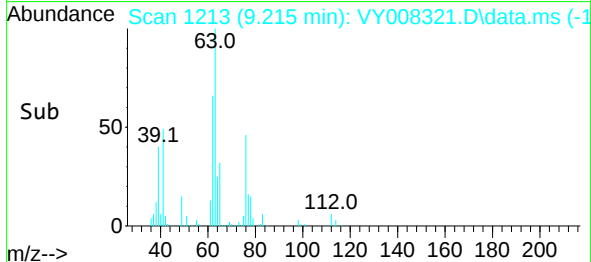
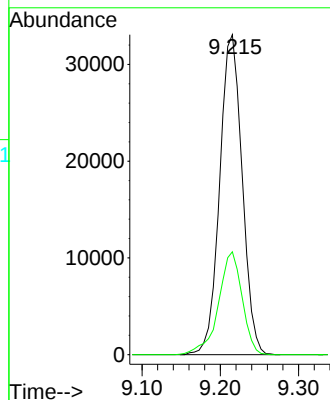
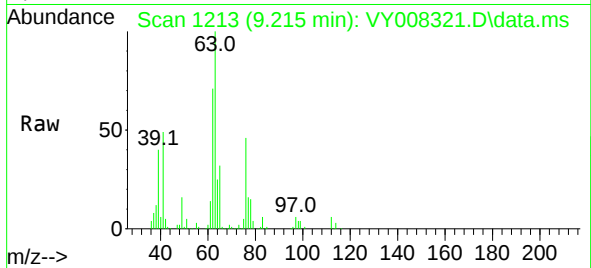




#45
1,2-Dichloropropane
Concen: 45.973 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

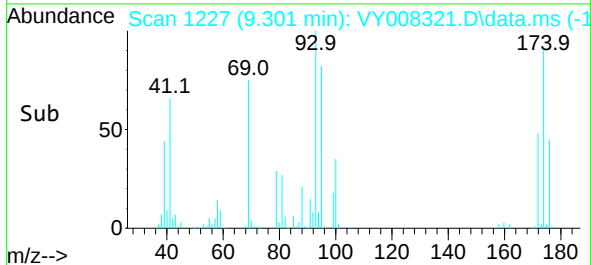
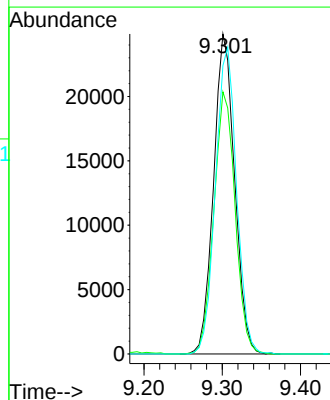
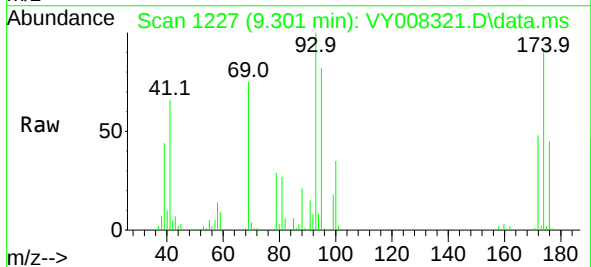
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

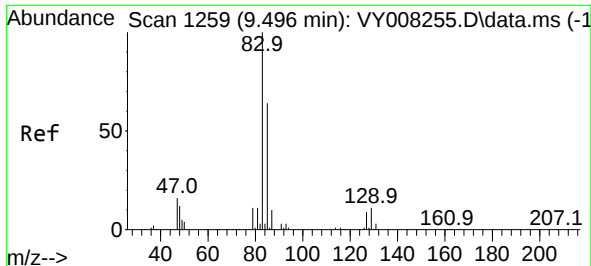
Tgt Ion: 63 Resp: 65948
Ion Ratio Lower Upper
63 100
65 32.2 23.0 34.6



#46
Dibromomethane
Concen: 48.891 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 93 Resp: 46419
Ion Ratio Lower Upper
93 100
95 82.8 64.3 96.5
174 96.2 83.4 125.0

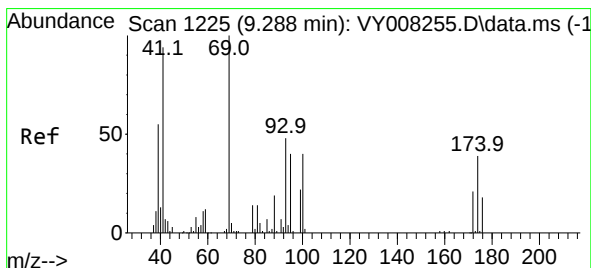
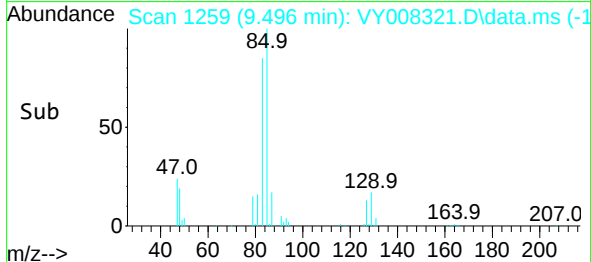
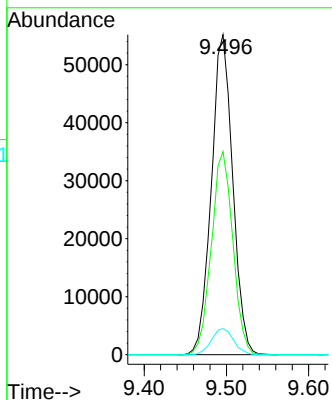
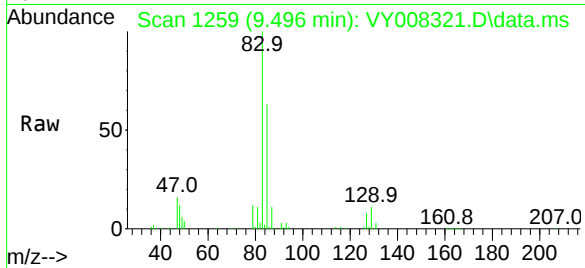




#47
Bromodichloromethane
Concen: 46.580 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

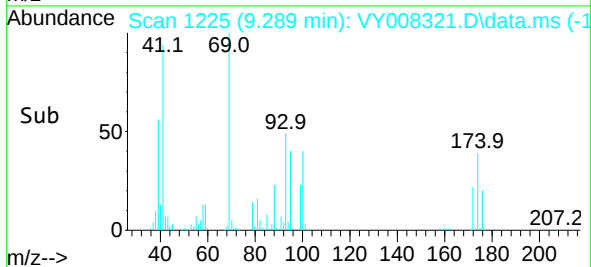
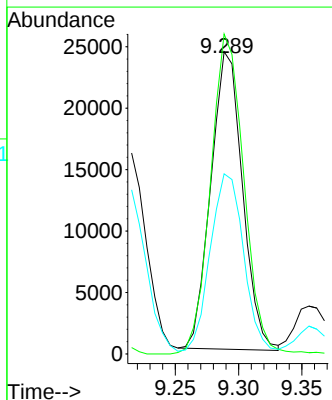
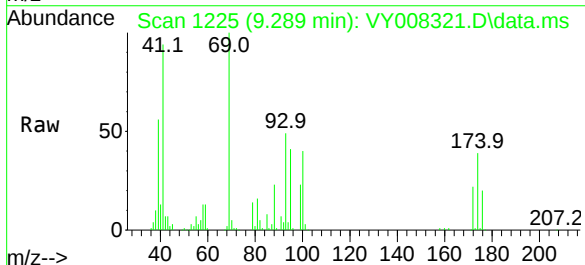
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

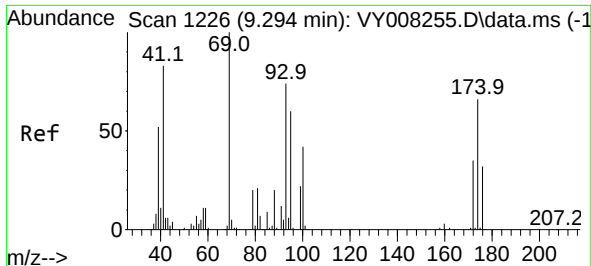
Tgt Ion: 83 Resp: 99459
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 52.539 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 41 Resp: 42147
Ion Ratio Lower Upper
41 100
69 112.7 58.2 87.2#
39 64.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1242.608 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

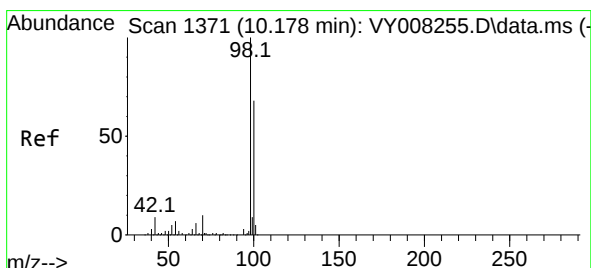
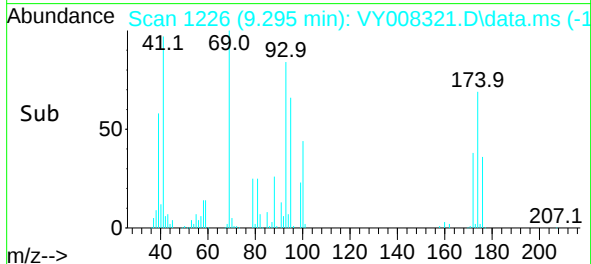
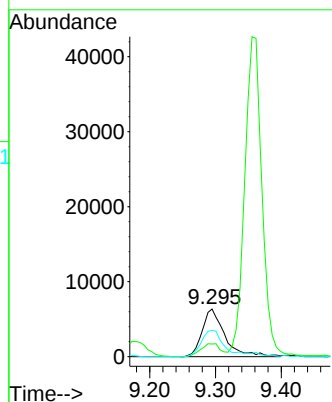
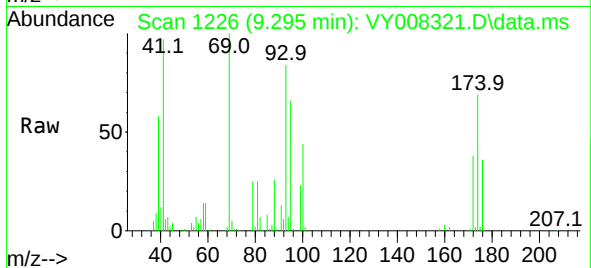
Tgt Ion: 88 Resp: 15225

Ion Ratio Lower Upper

88 100

43 24.7 32.8 49.2#

58 55.2 59.8 89.6#



#50

Toluene-d8

Concen: 33.596 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008321.D

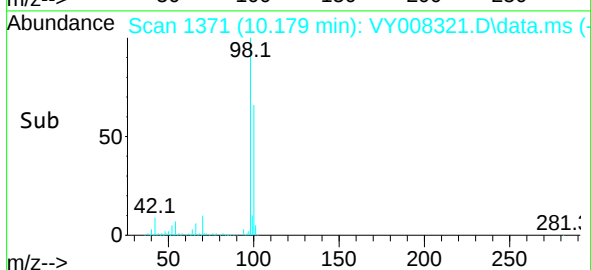
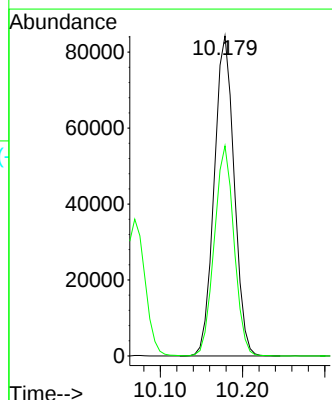
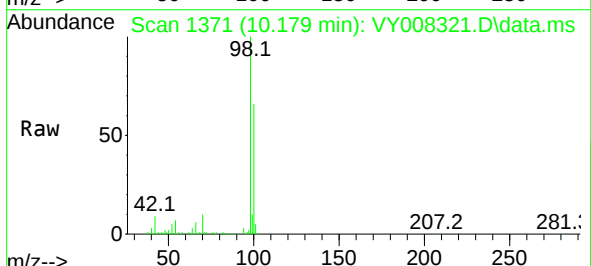
Acq: 13 Apr 2022 18:33

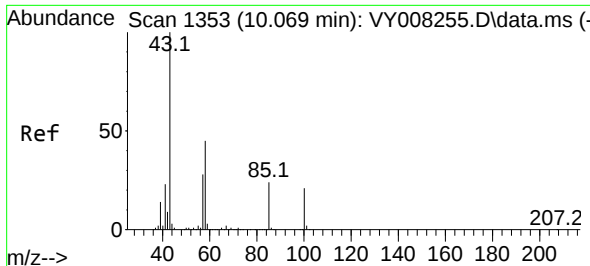
Tgt Ion: 98 Resp: 141964

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

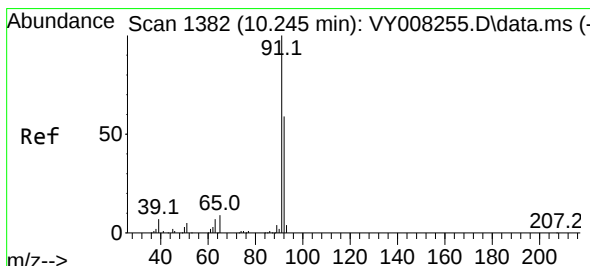
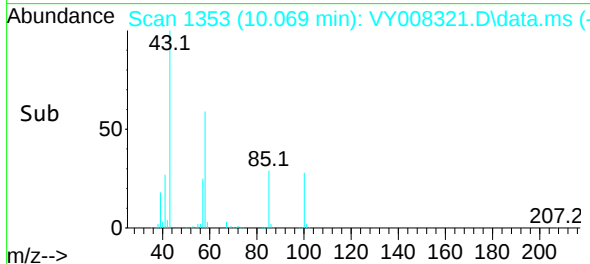
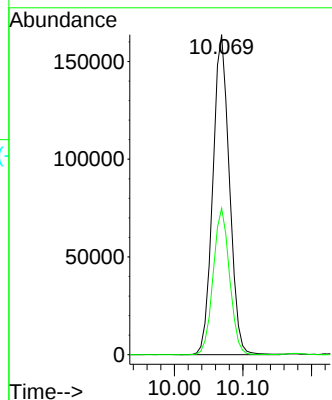
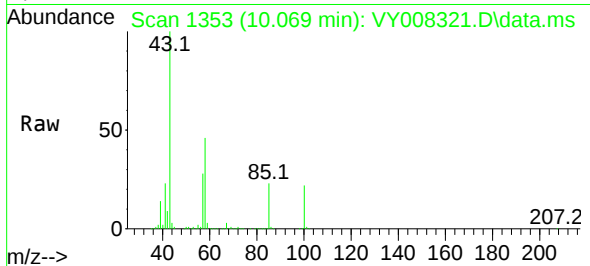




#51
4-Methyl-2-Pentanone
Concen: 282.586 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

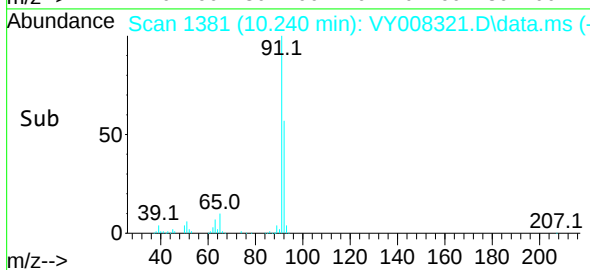
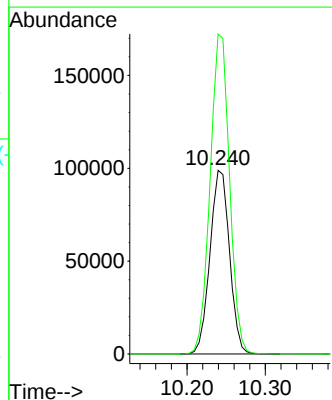
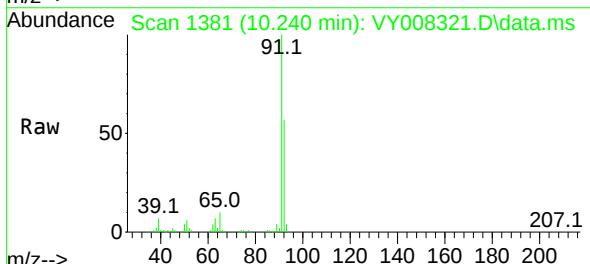
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

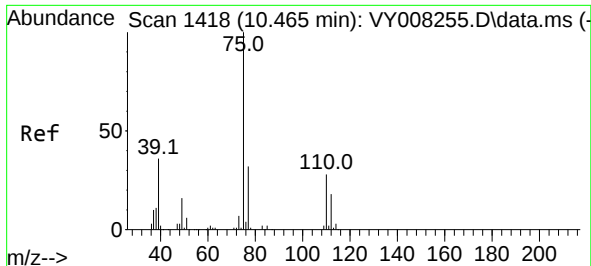
Tgt Ion: 43 Resp: 275358
Ion Ratio Lower Upper
43 100
58 45.1 28.1 42.1#



#52
Toluene
Concen: 44.254 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 92 Resp: 171215
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

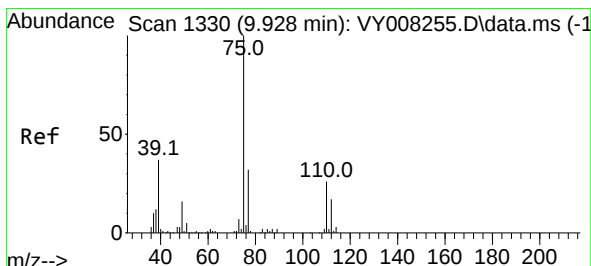
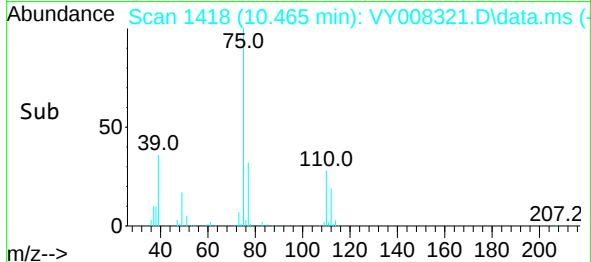
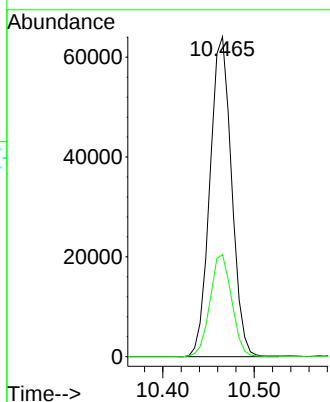
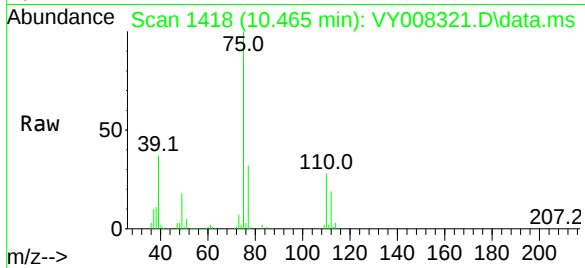




#53
t-1,3-Dichloropropene
Concen: 48.489 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

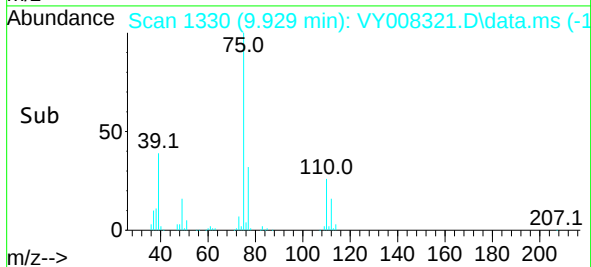
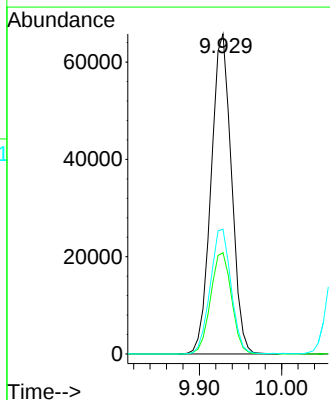
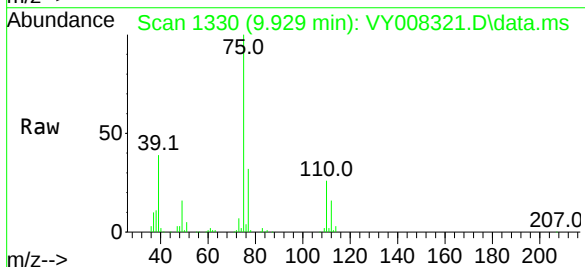
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

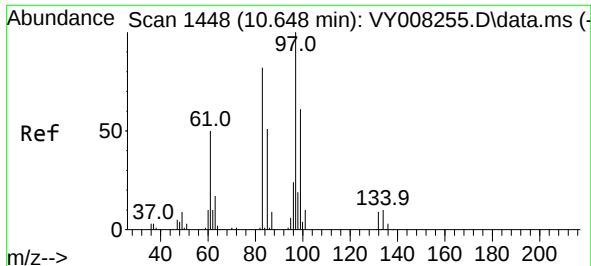
Tgt Ion: 75 Resp: 105515
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.105 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 75 Resp: 113187
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 39.0 47.6 71.4#

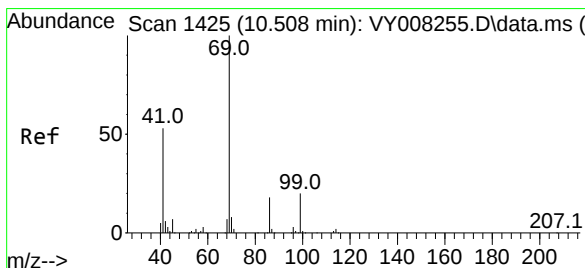
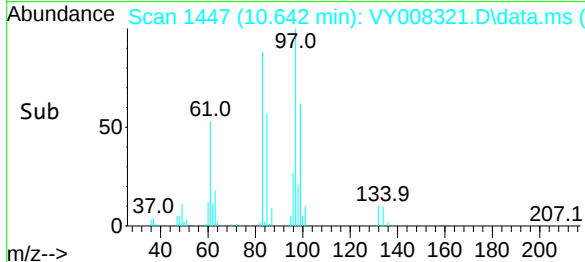
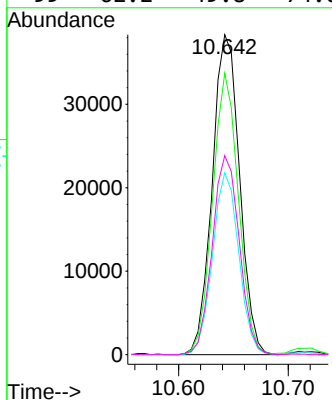
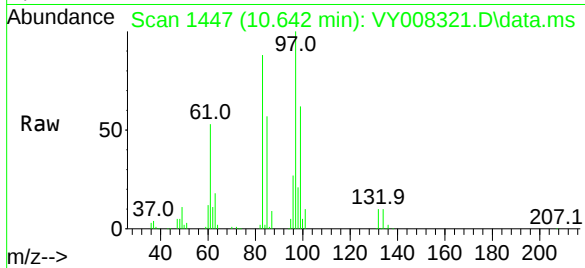




#55
1,1,2-Trichloroethane
Concen: 49.058 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

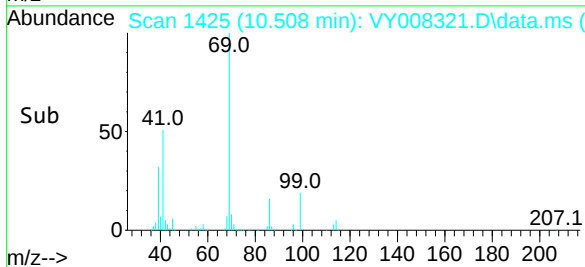
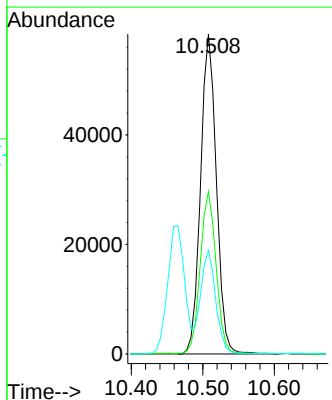
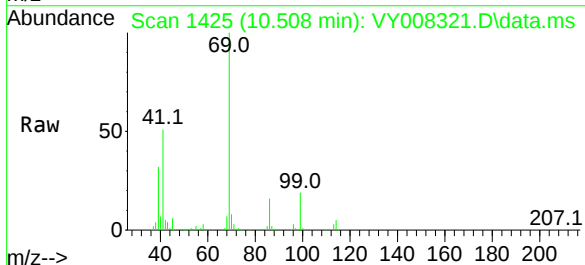
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

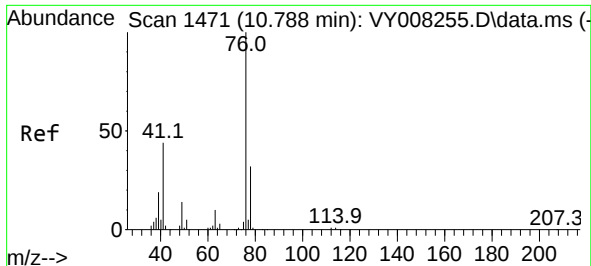
Tgt Ion:	97	Resp:	66442
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.8	104.8
85	56.8	44.3	66.5
99	62.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 53.963 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion:	69	Resp:	89604
Ion	Ratio	Lower	Upper
69	100		
41	50.8	63.4	95.0#
39	31.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 48.822 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

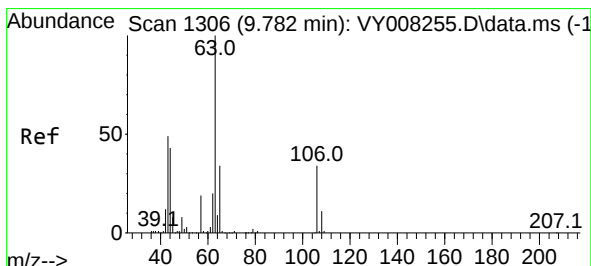
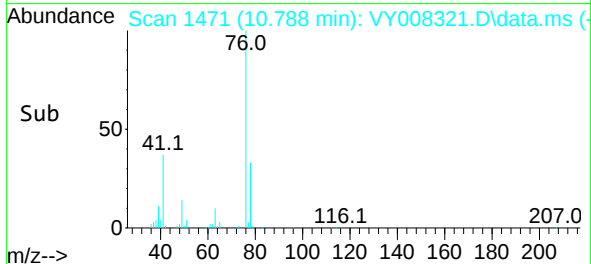
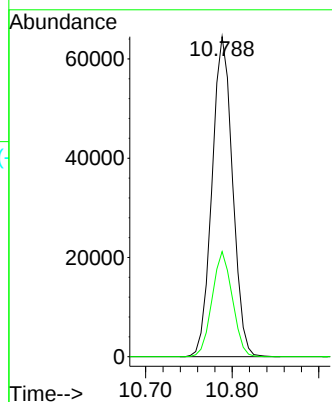
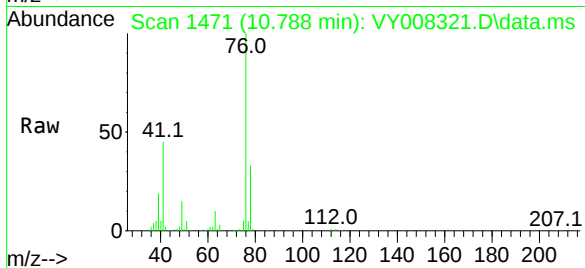
VSTDCCC050EC

Tgt Ion: 76 Resp: 106181

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.057 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008321.D

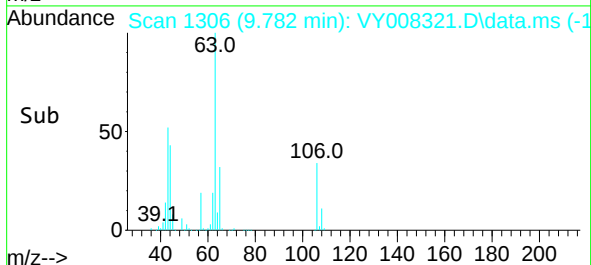
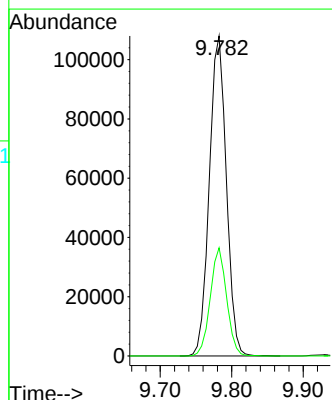
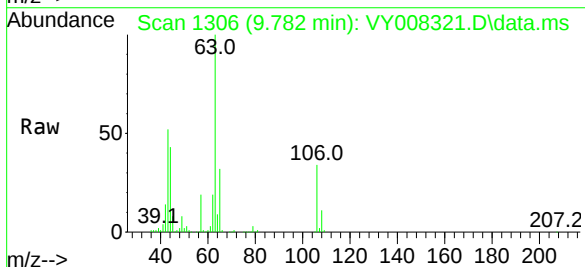
Acq: 13 Apr 2022 18:33

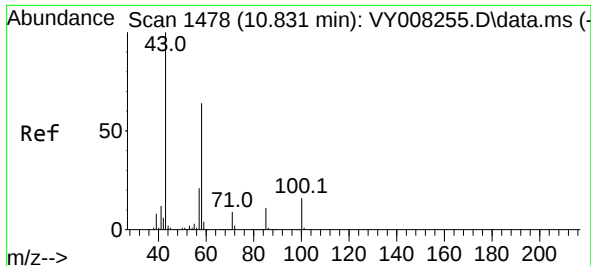
Tgt Ion: 63 Resp: 178596

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#

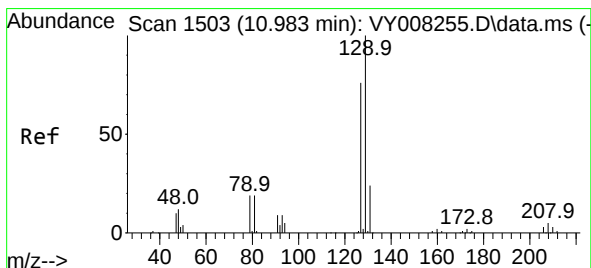
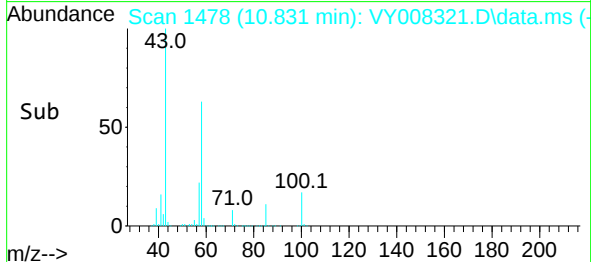
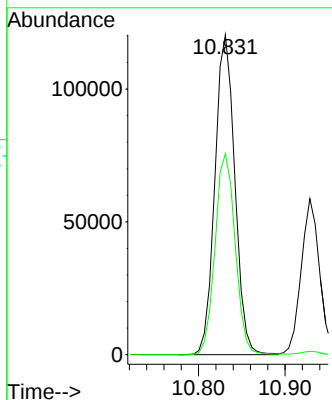
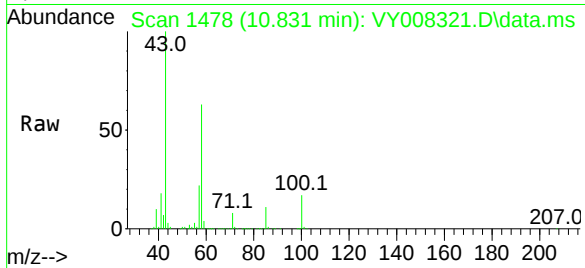




#59
2-Hexanone
Concen: 286.827 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

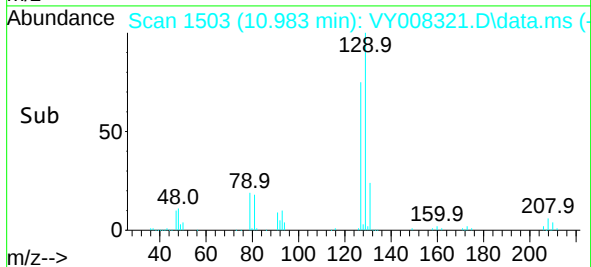
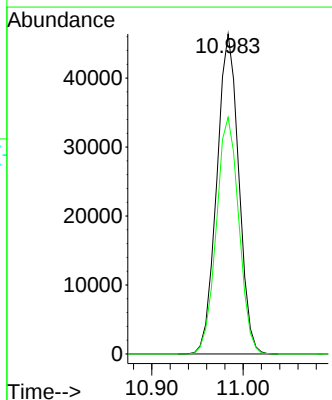
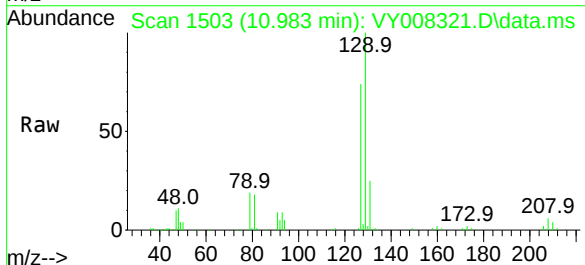
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

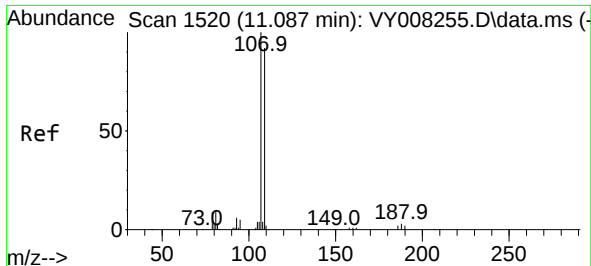
Tgt Ion: 43 Resp: 192316
Ion Ratio Lower Upper
43 100
58 63.6 24.4 73.4



#60
Dibromochloromethane
Concen: 48.961 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 129 Resp: 77458
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1

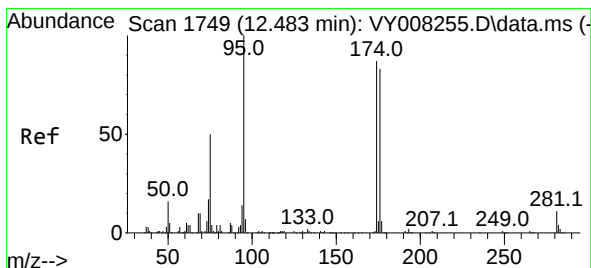
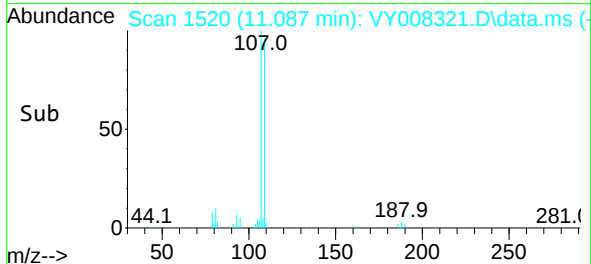
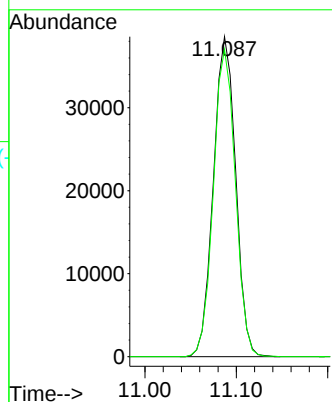
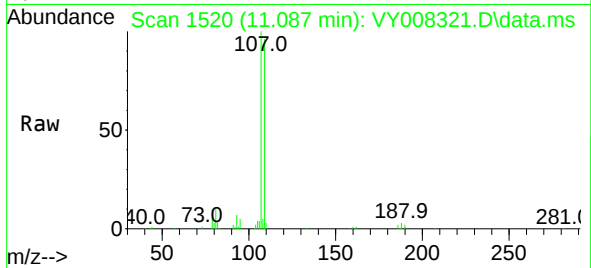




#61
1,2-Dibromoethane
Concen: 49.219 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

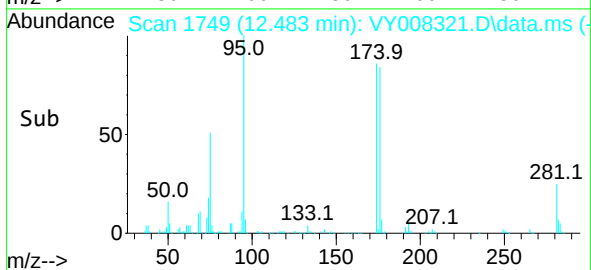
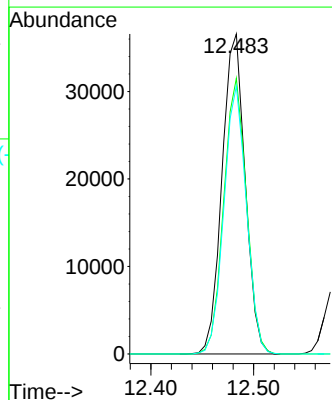
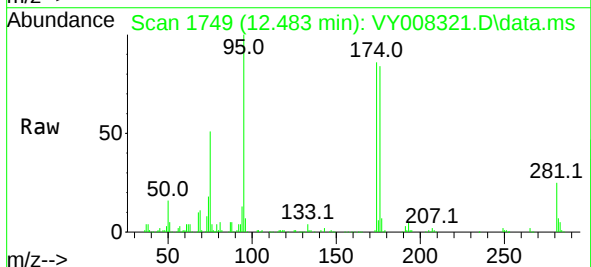
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

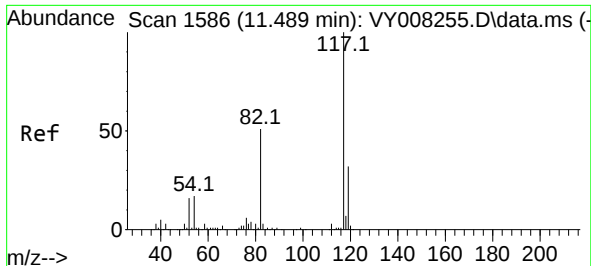
Tgt Ion:107 Resp: 65173
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 35.876 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 95 Resp: 57020
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.5 0.0 175.8

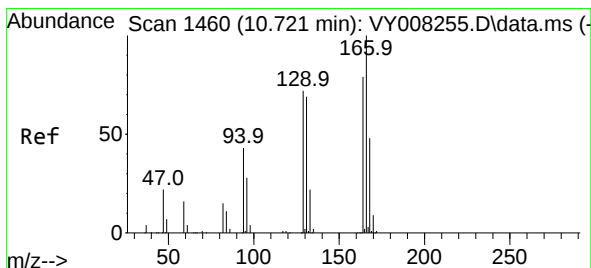
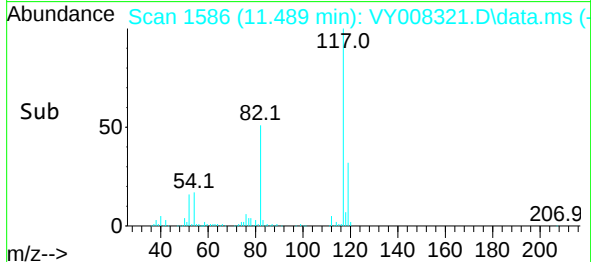
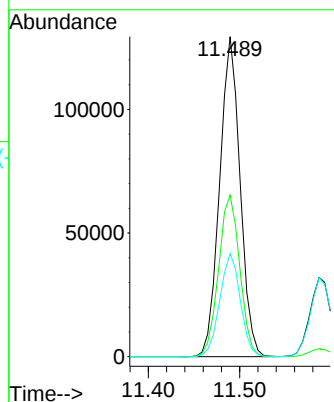
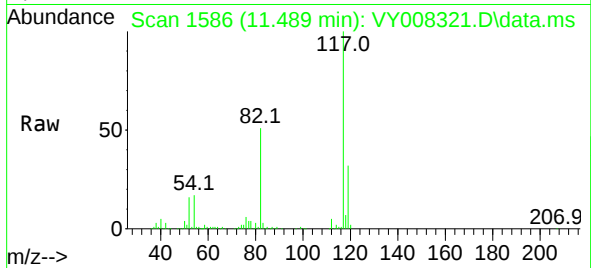




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

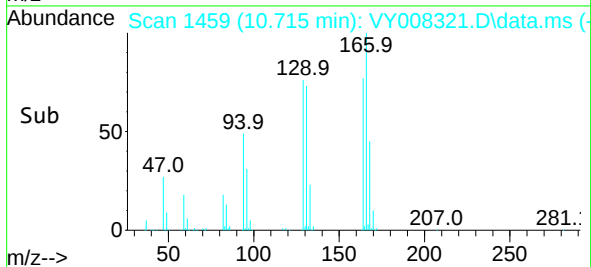
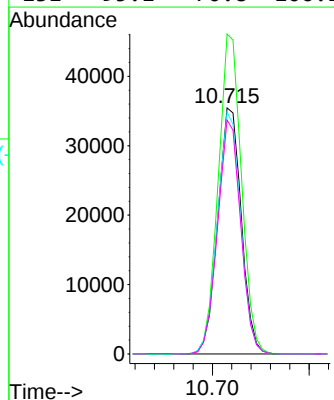
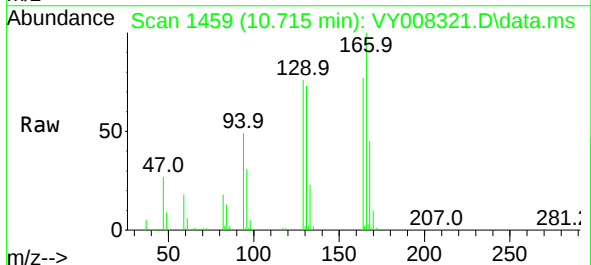
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

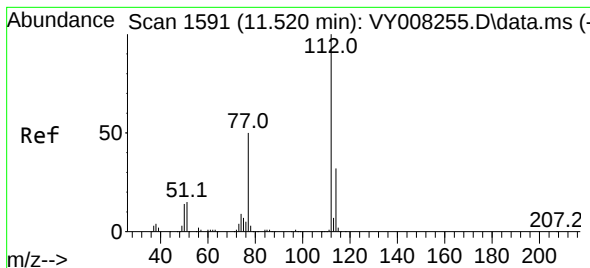
Tgt Ion:117 Resp: 201218
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 42.144 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion:164 Resp: 59769
Ion Ratio Lower Upper
164 100
166 130.1 100.4 150.6
129 98.4 71.4 107.0
131 95.1 70.8 106.2

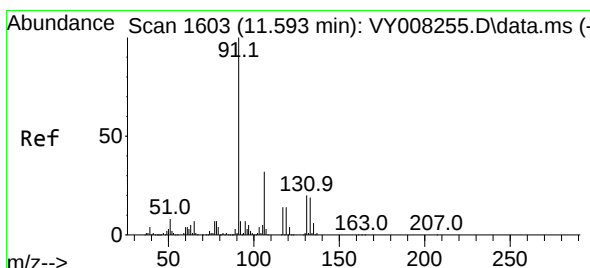
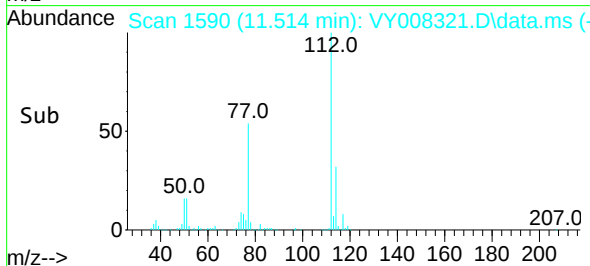
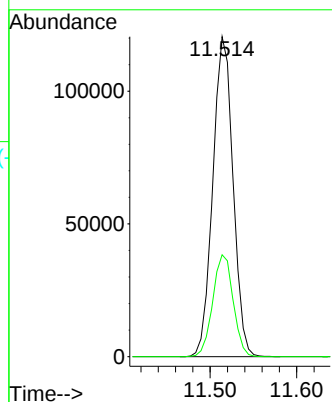
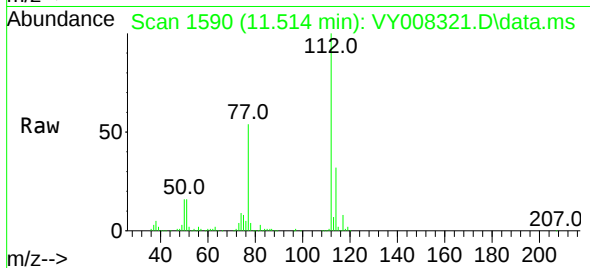




#65
Chlorobenzene
Concen: 44.766 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

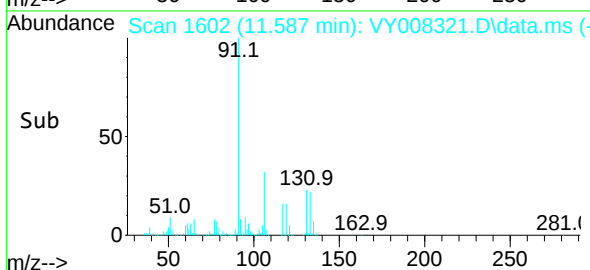
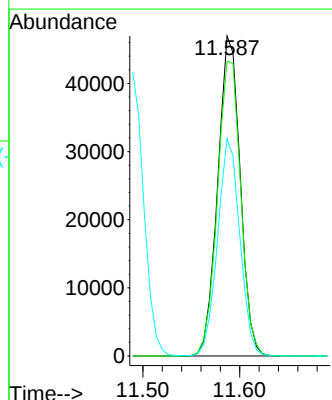
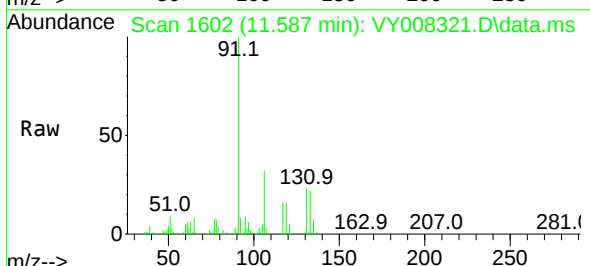
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

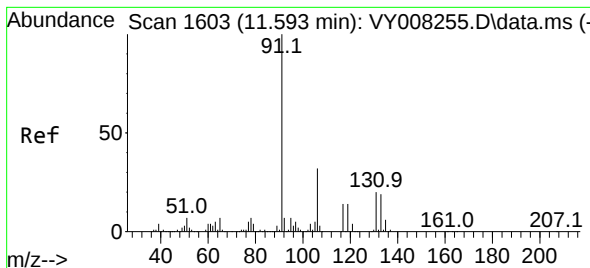
Tgt Ion:112 Resp: 195345
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.381 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion:131 Resp: 75525
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 67.3 30.8 92.3





#67

Ethyl Benzene

Concen: 44.777 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

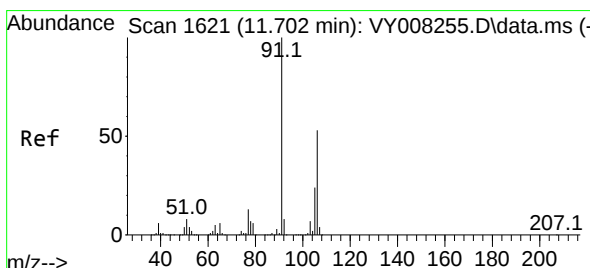
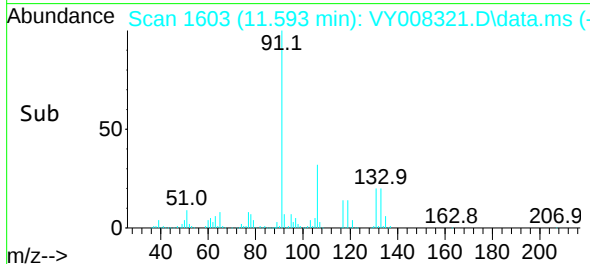
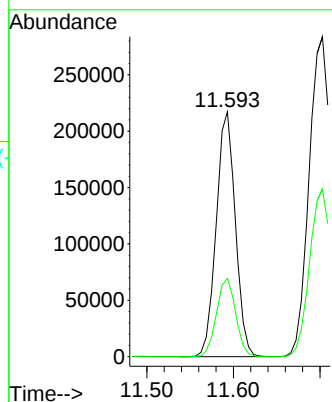
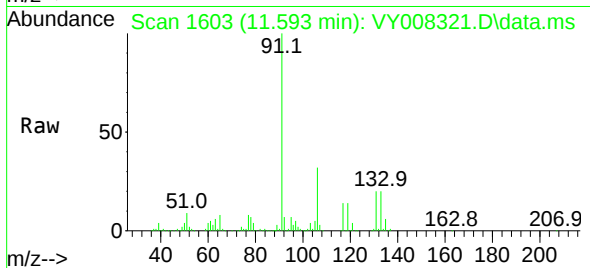
VSTDCCC050EC

Tgt Ion: 91 Resp: 332283

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 89.914 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008321.D

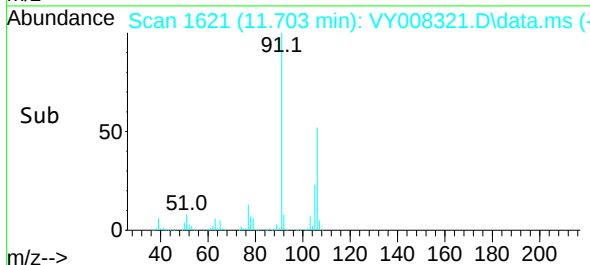
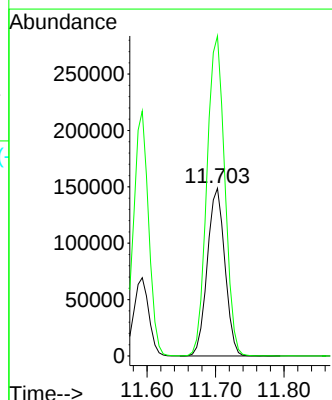
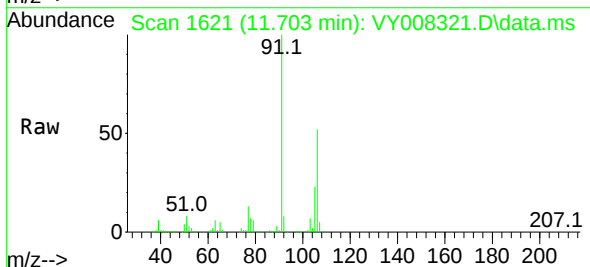
Acq: 13 Apr 2022 18:33

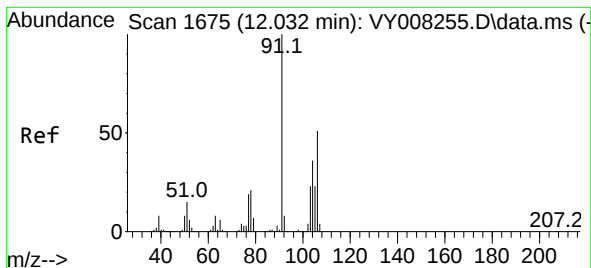
Tgt Ion: 106 Resp: 265362

Ion Ratio Lower Upper

106 100

91 194.1 166.6 249.8





#69

o-Xylene

Concen: 45.218 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

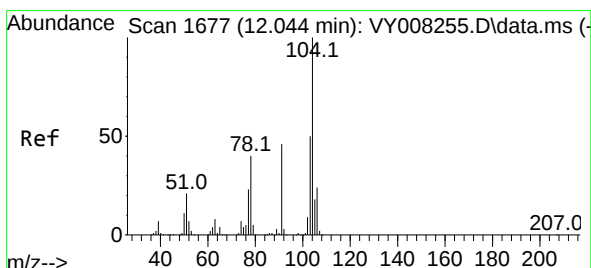
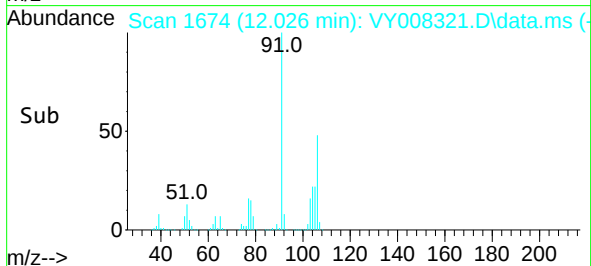
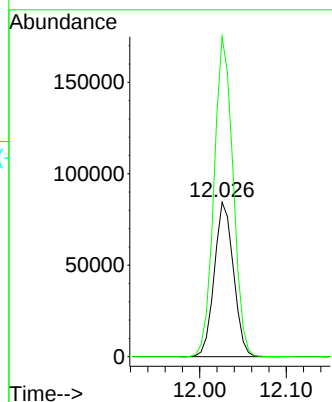
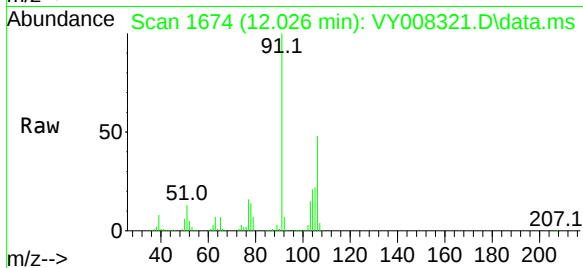
VSTDCCC050EC

Tgt Ion:106 Resp: 129504

Ion Ratio Lower Upper

106 100

91 206.5 110.3 331.0



#70

Styrene

Concen: 47.562 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

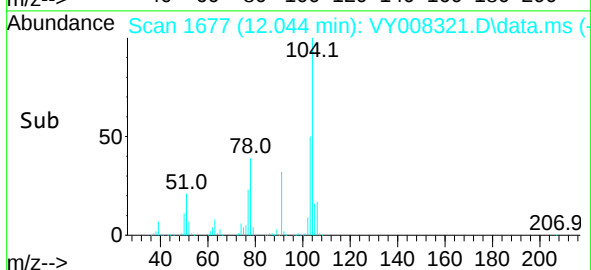
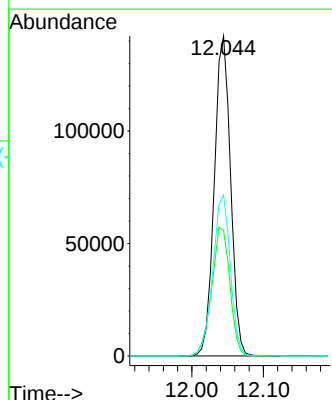
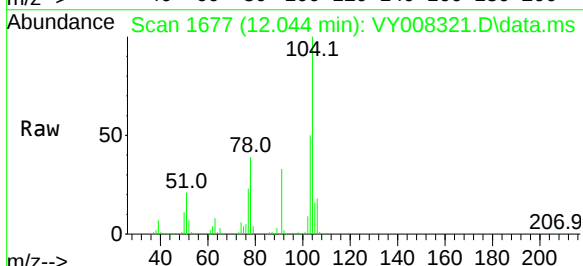
Tgt Ion:104 Resp: 224653

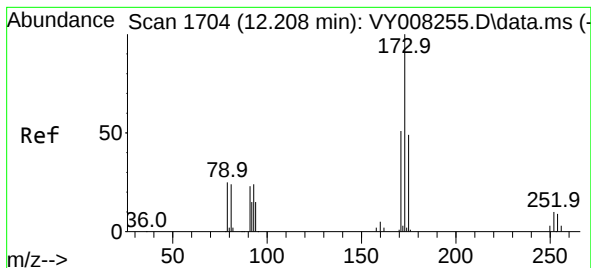
Ion Ratio Lower Upper

104 100

78 44.9 42.4 63.6

103 54.1 44.4 66.6





#71

Bromoform

Concen: 49.777 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

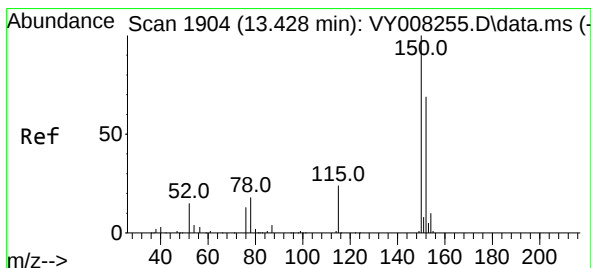
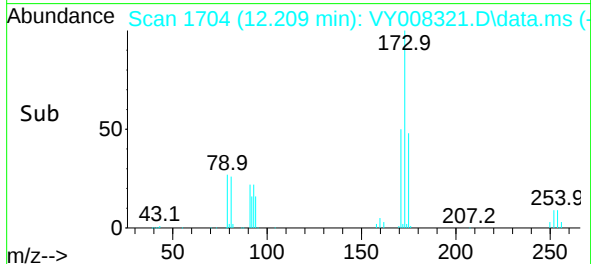
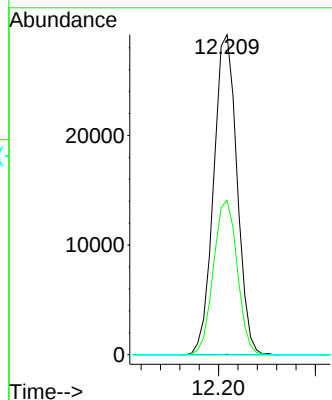
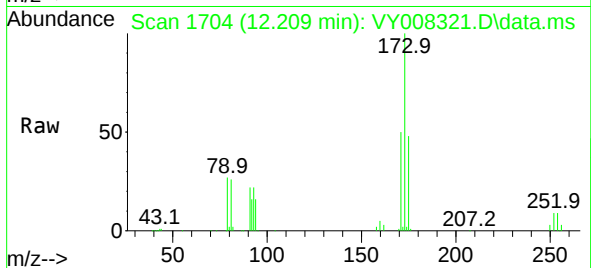
Tgt Ion:173 Resp: 48858

Ion Ratio Lower Upper

173 100

175 49.1 24.6 74.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

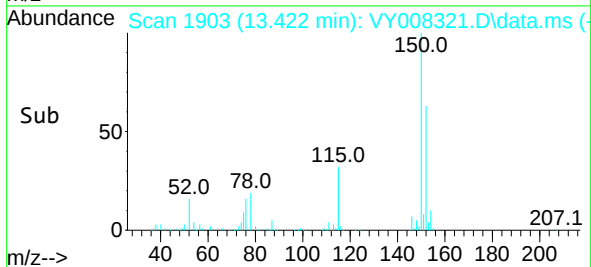
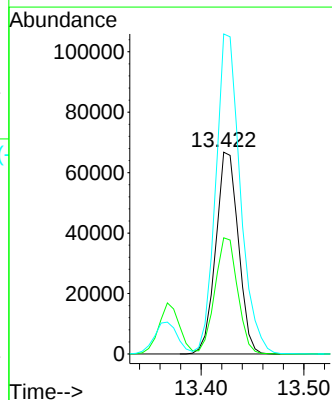
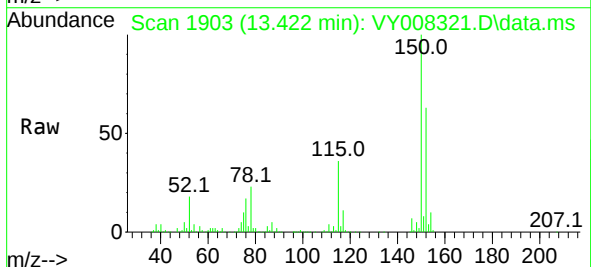
Tgt Ion:152 Resp: 101732

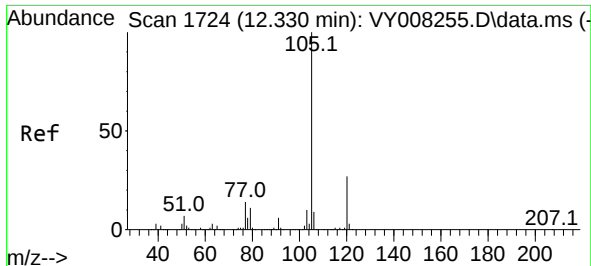
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 172.8 0.0 347.6

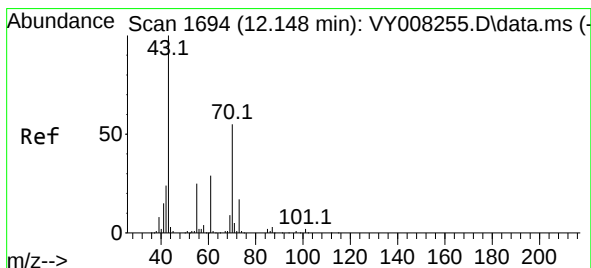
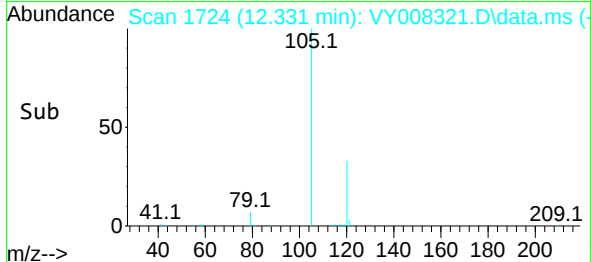
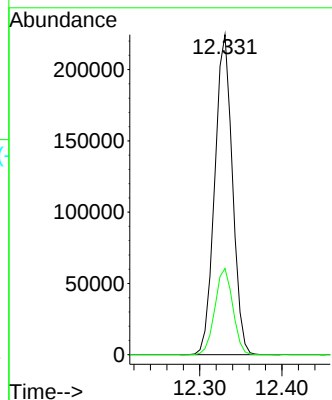
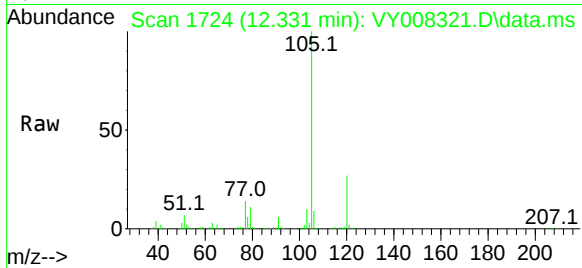




#73
Isopropylbenzene
Concen: 44.269 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

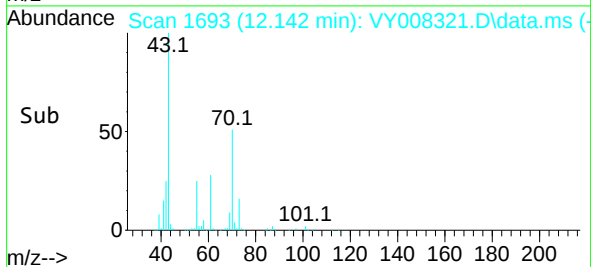
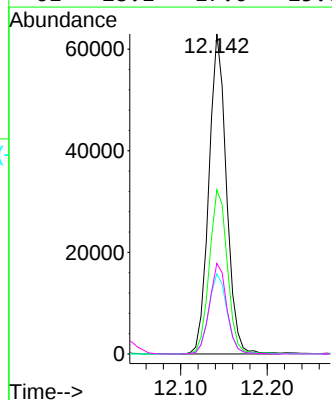
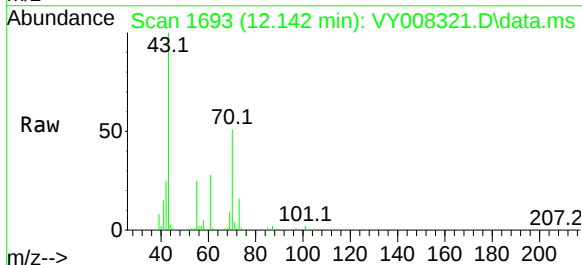
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

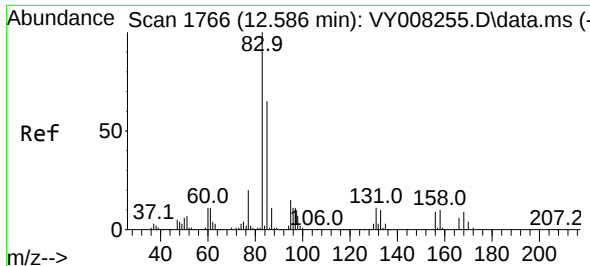
Tgt Ion:105 Resp: 334834
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 53.941 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 43 Resp: 88577
Ion Ratio Lower Upper
43 100
70 52.8 28.7 43.1#
55 26.2 17.3 25.9#
61 28.1 17.0 25.6#

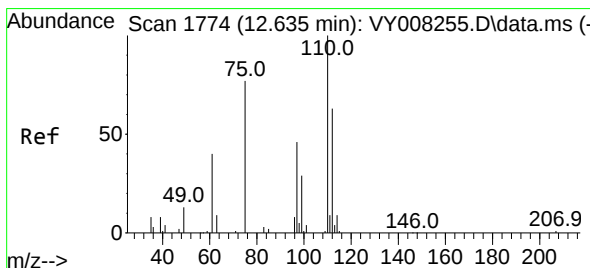
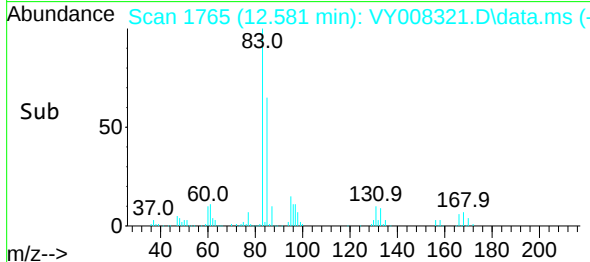
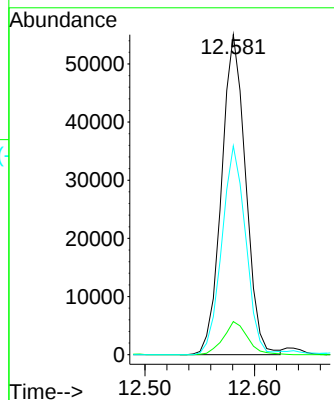
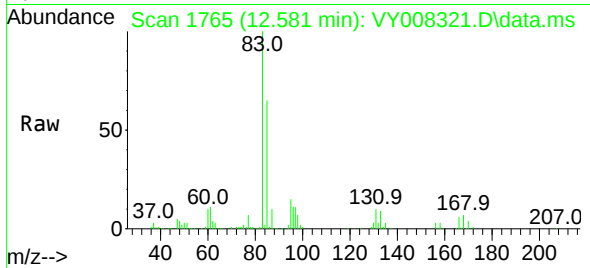




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.553 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

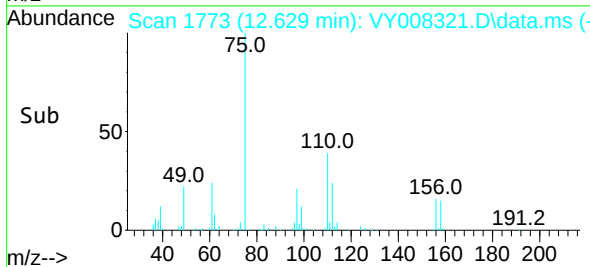
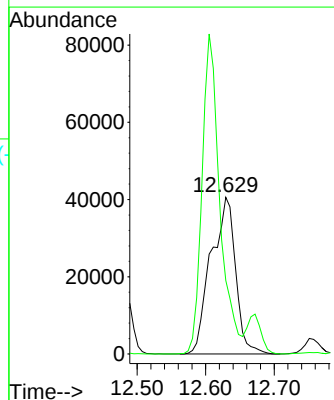
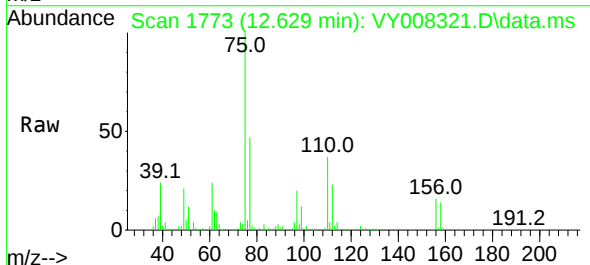
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

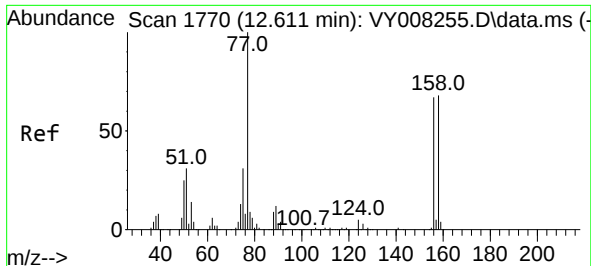
Tgt Ion: 83 Resp: 84107
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.6 16.8
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 90.000 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion: 75 Resp: 101262
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

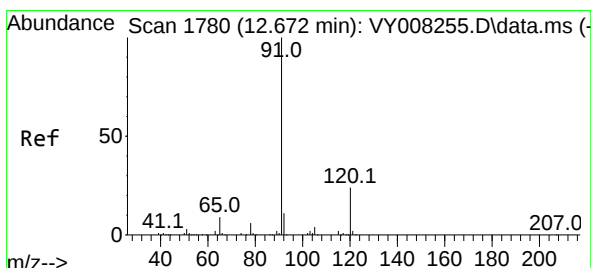
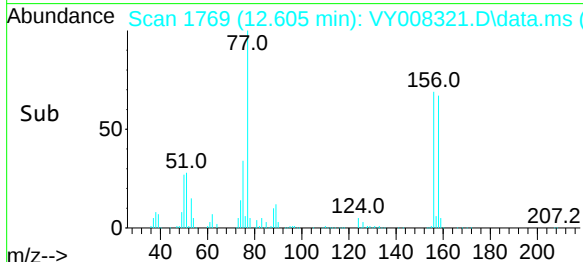
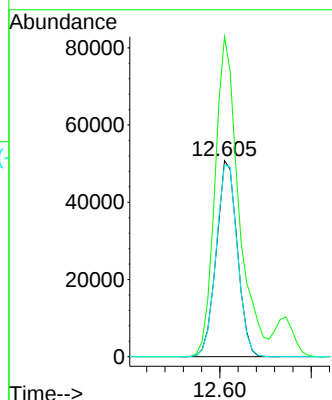
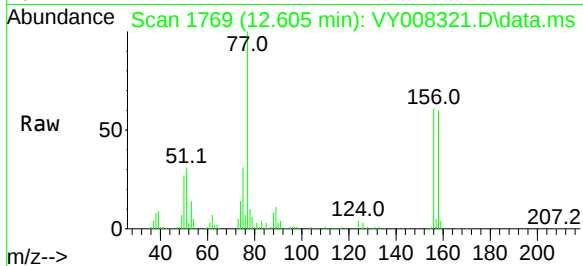




#77
Bromobenzene
Concen: 43.683 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

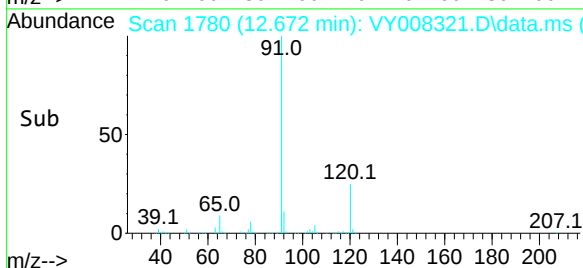
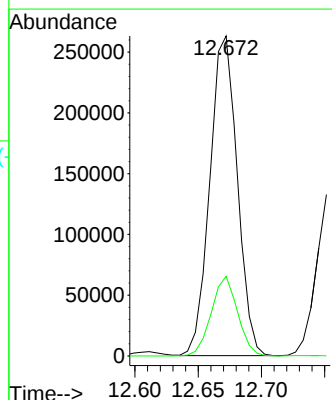
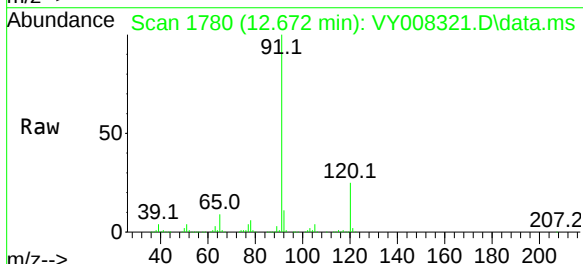
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

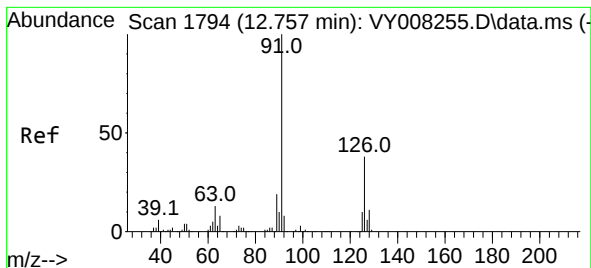
Tgt Ion:156 Resp: 80964
Ion Ratio Lower Upper
156 100
77 185.7 95.5 286.4
158 99.6 48.0 144.0



#78
n-propylbenzene
Concen: 44.463 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 91 Resp: 396834
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9

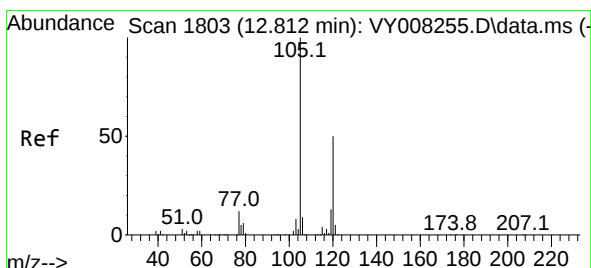
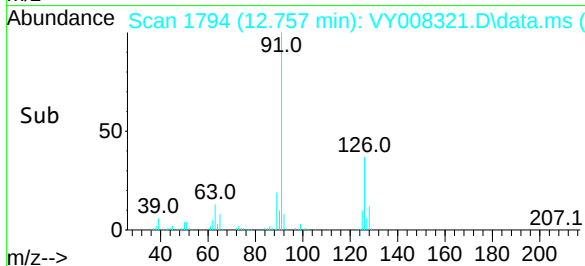
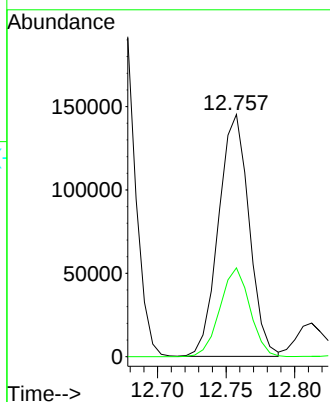
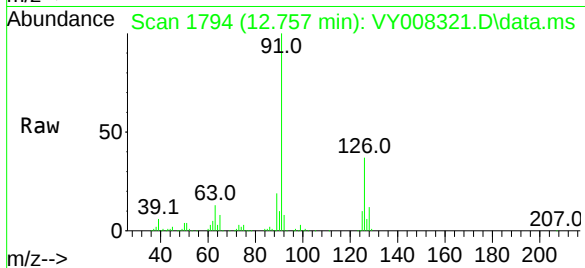




#79
2-Chlorotoluene
Concen: 44.925 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

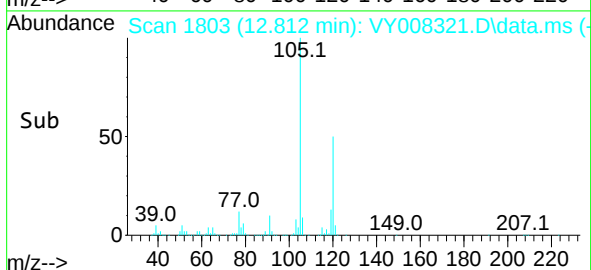
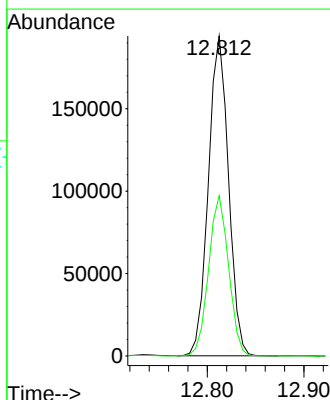
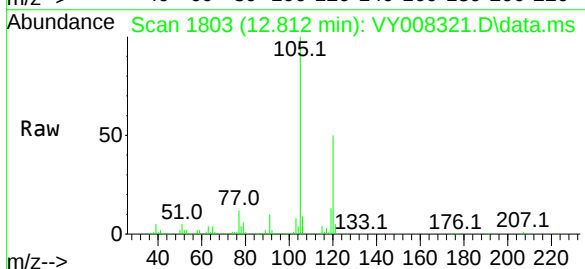
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

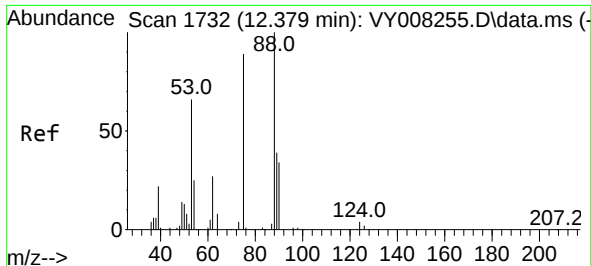
Tgt Ion: 91 Resp: 225020
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 45.251 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 105 Resp: 280649
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

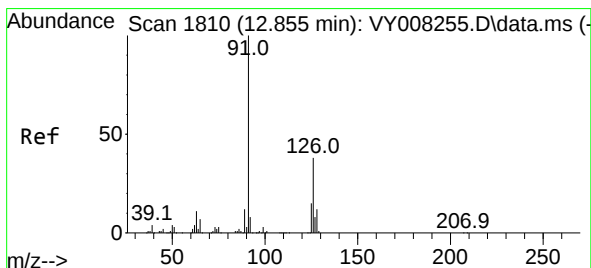
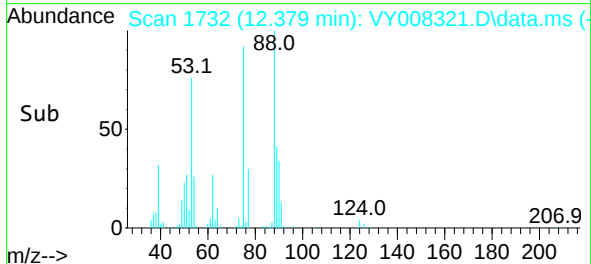
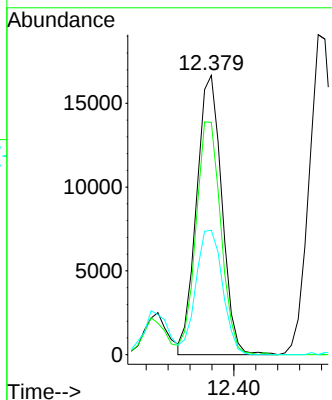
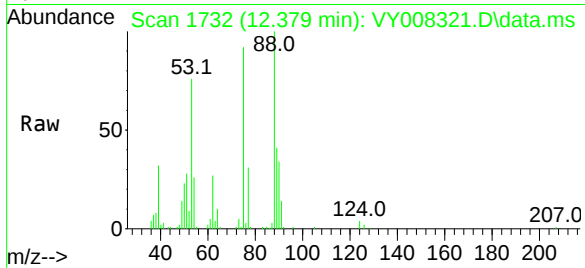




#81
trans-1,4-Dichloro-2-butene
Concen: 53.045 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

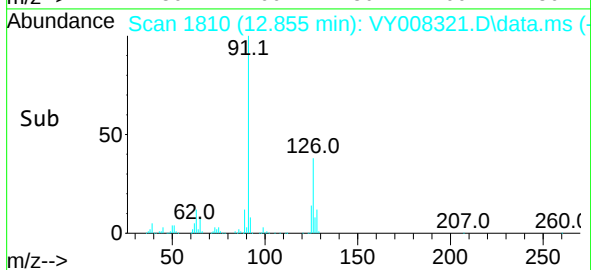
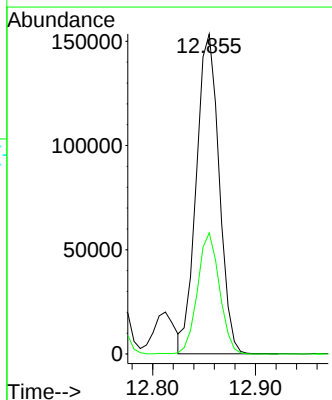
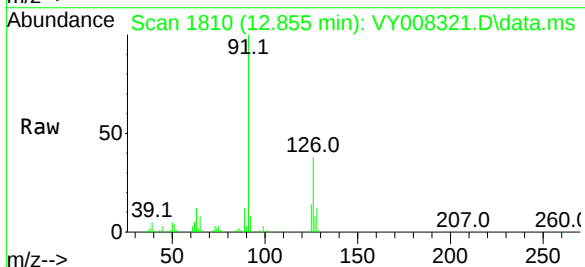
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

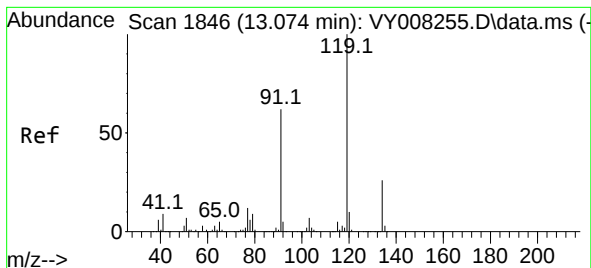
Tgt Ion: 75 Resp: 26674
Ion Ratio Lower Upper
75 100
53 82.0 85.3 127.9#
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.885 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 91 Resp: 236185
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 45.641 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

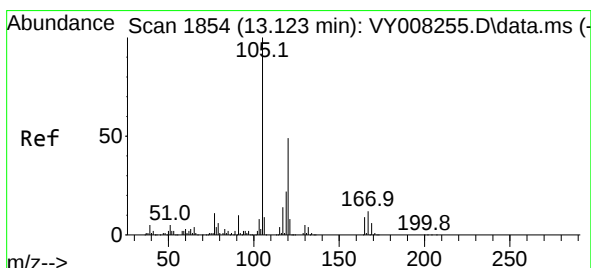
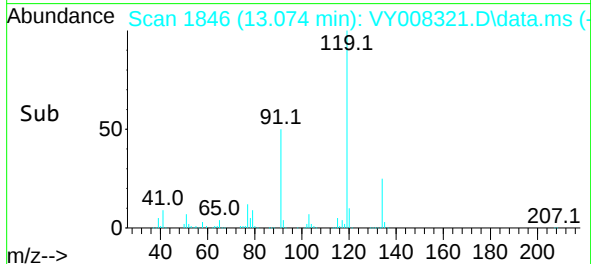
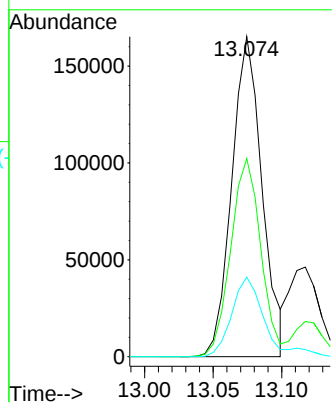
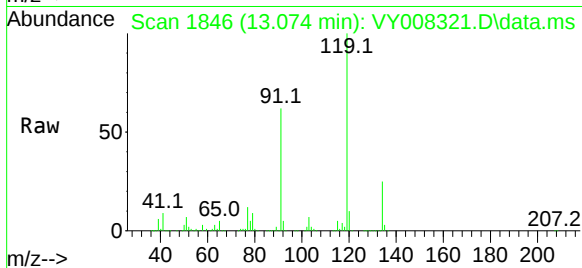
Tgt Ion:119 Resp: 253944

Ion Ratio Lower Upper

119 100

91 61.3 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 45.658 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY008321.D

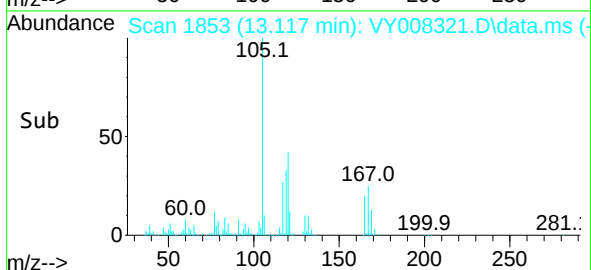
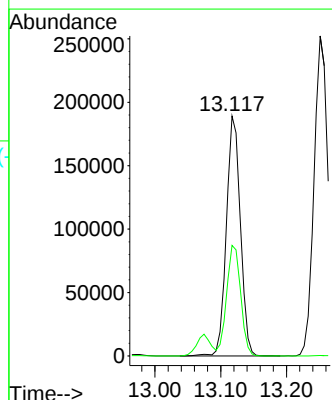
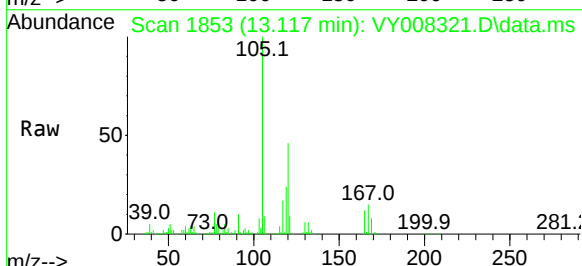
Acq: 13 Apr 2022 18:33

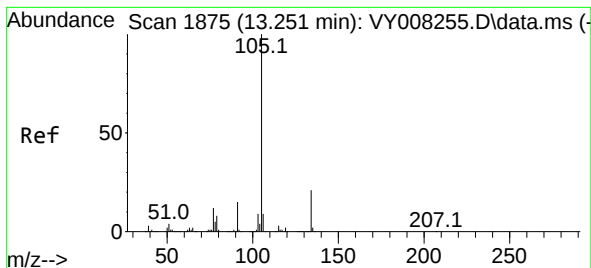
Tgt Ion:105 Resp: 280238

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.493 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

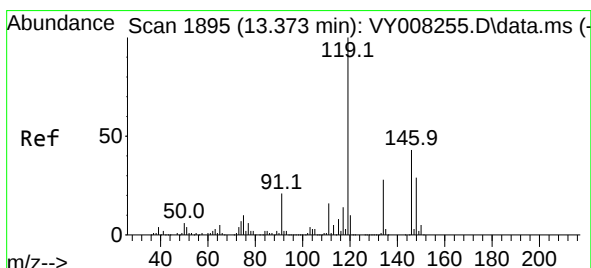
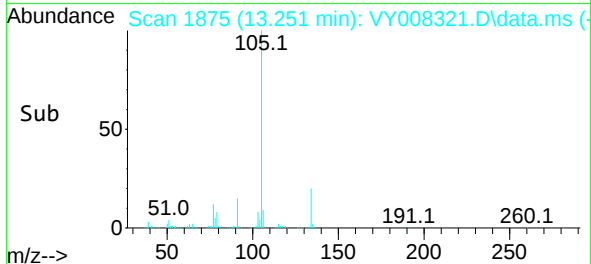
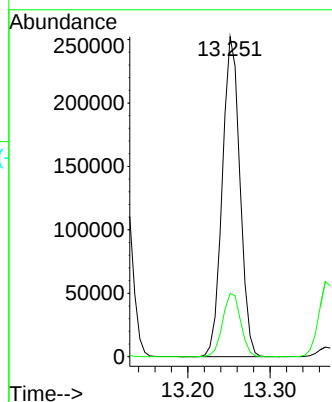
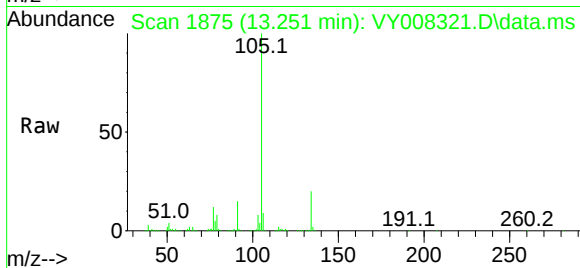
VSTDCCC050EC

Tgt Ion:105 Resp: 375264

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 45.601 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

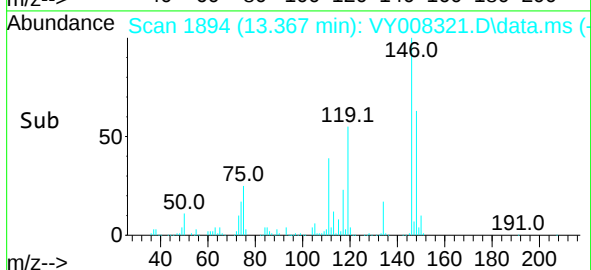
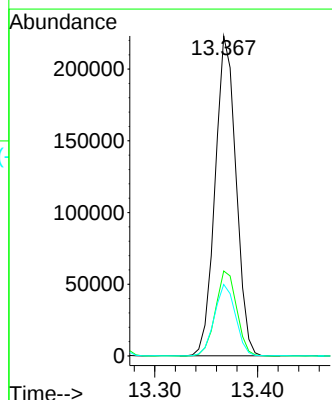
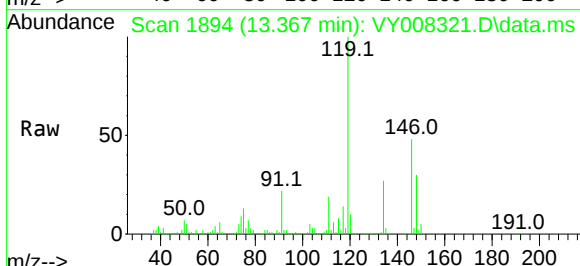
Tgt Ion:119 Resp: 313893

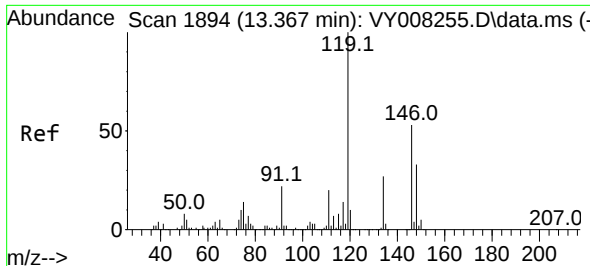
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 22.5 12.4 37.2

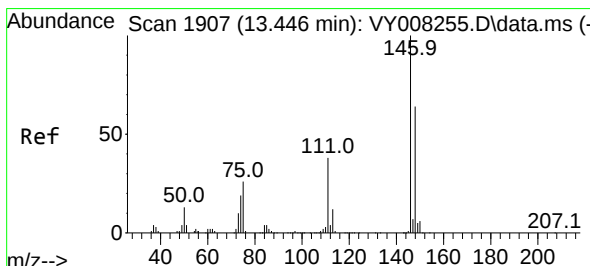
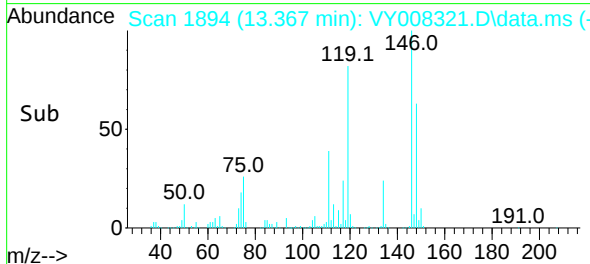
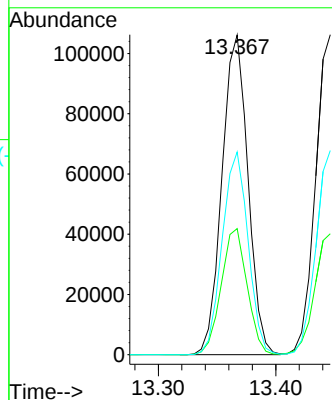
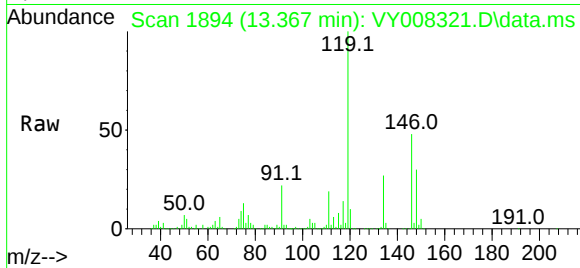




#87
 1,3-Dichlorobenzene
 Concen: 44.407 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

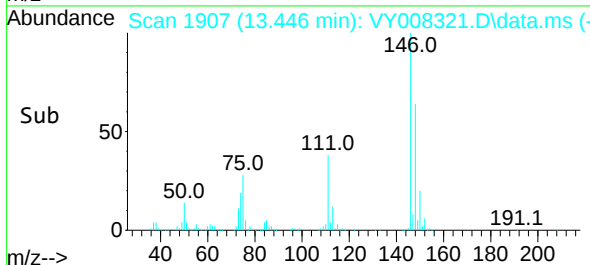
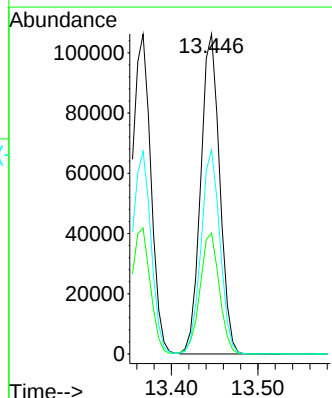
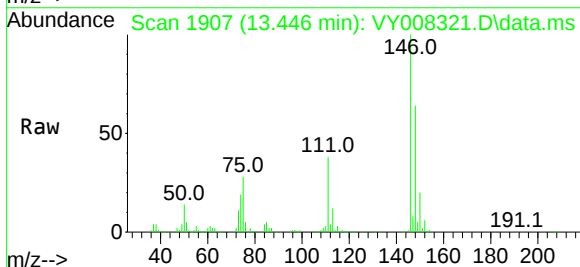
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

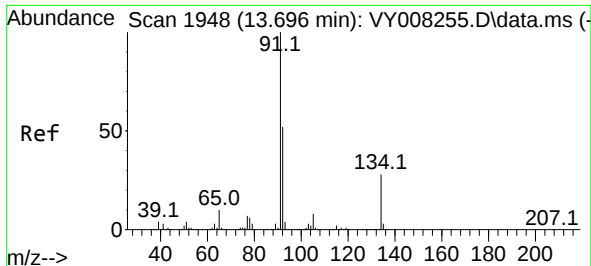
Tgt Ion:146 Resp: 163005
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 44.472 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008321.D
 Acq: 13 Apr 2022 18:33

Tgt Ion:146 Resp: 161568
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.7 32.6 97.8

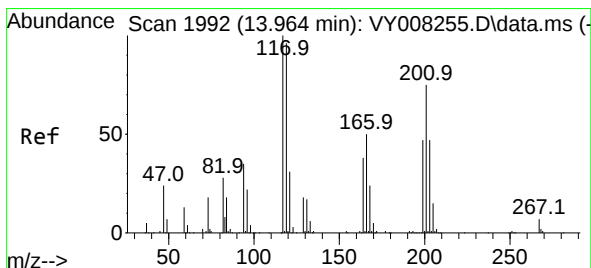
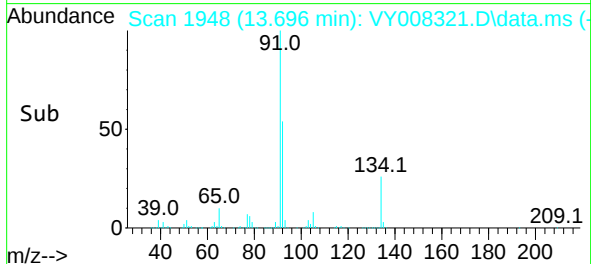
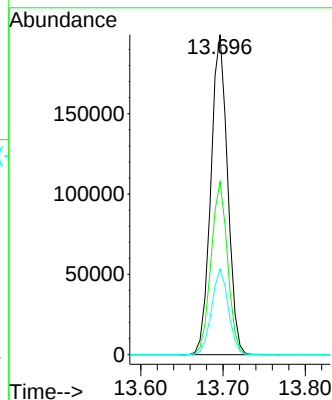
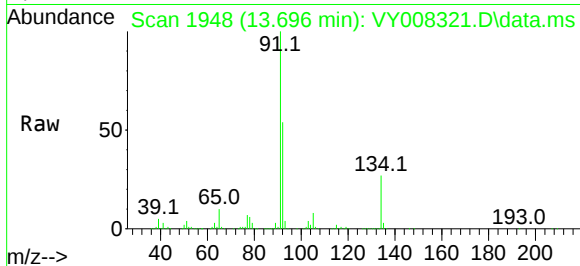




#89
n-Butylbenzene
Concen: 45.175 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

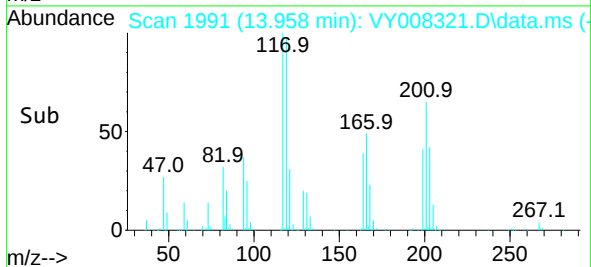
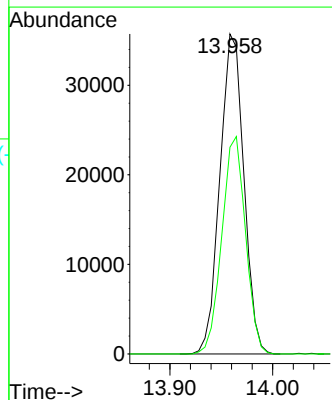
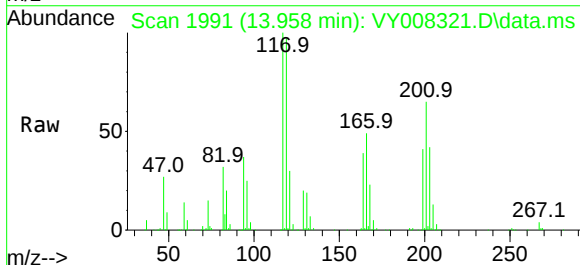
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

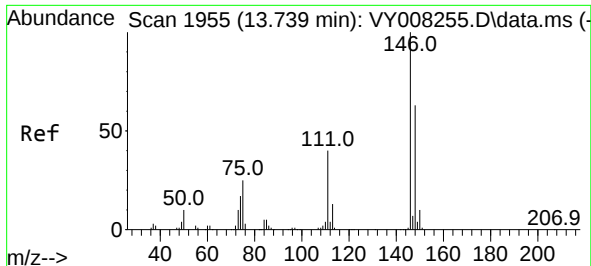
Tgt Ion: 91 Resp: 280948
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 26.8 13.0 38.9



#90
Hexachloroethane
Concen: 44.922 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 117 Resp: 57794
Ion Ratio Lower Upper
117 100
201 67.2 43.0 128.8

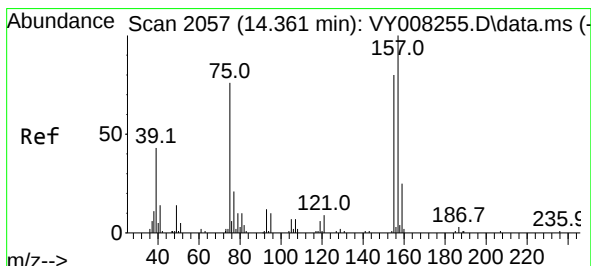
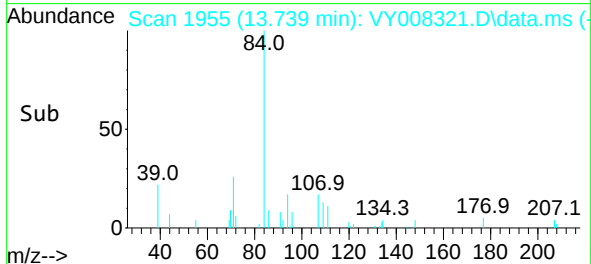
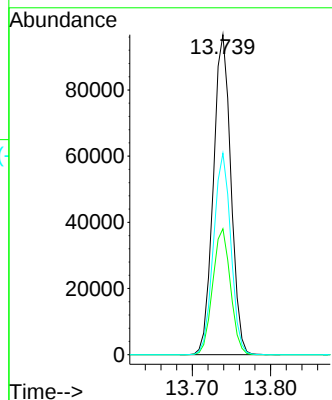
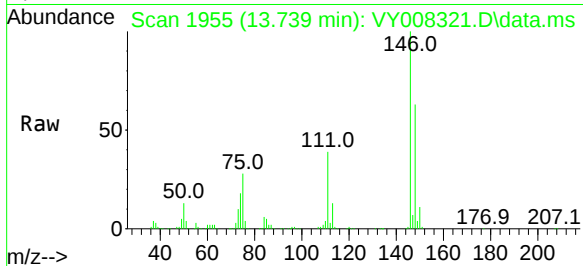




#91
1,2-Dichlorobenzene
Concen: 46.050 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

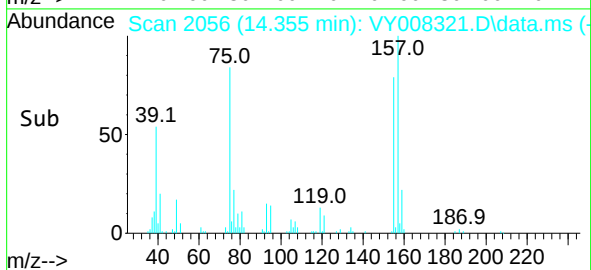
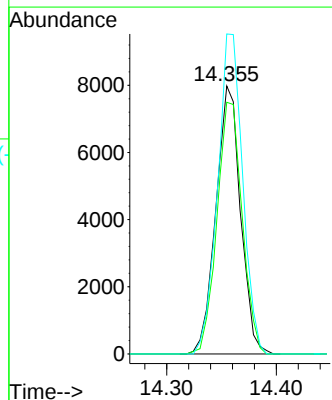
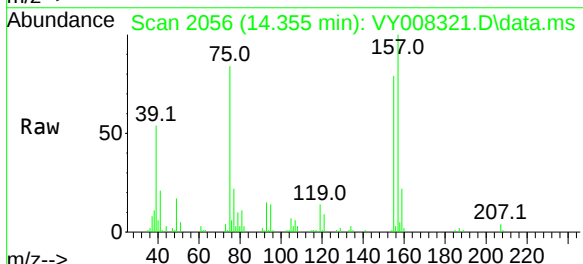
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

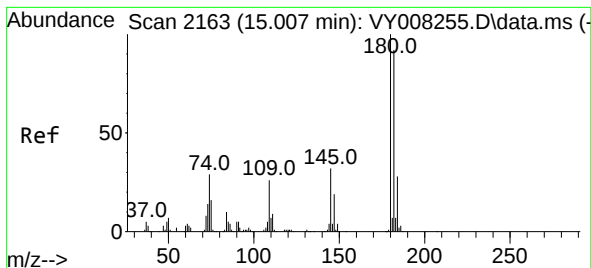
Tgt Ion:146 Resp: 150390
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 62.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.436 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008321.D
Acq: 13 Apr 2022 18:33

Tgt Ion: 75 Resp: 12465
Ion Ratio Lower Upper
75 100
155 95.8 38.0 113.9
157 121.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 42.077 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

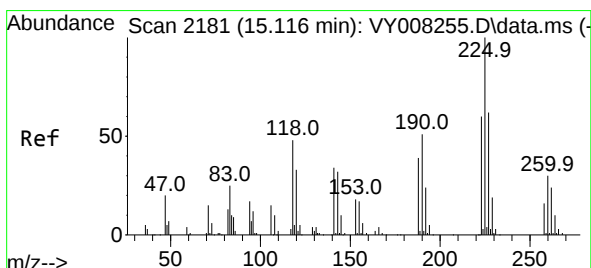
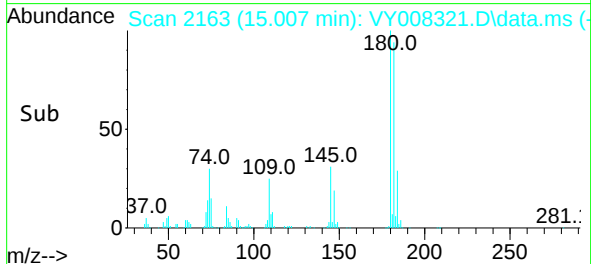
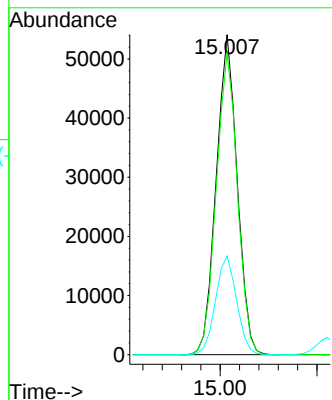
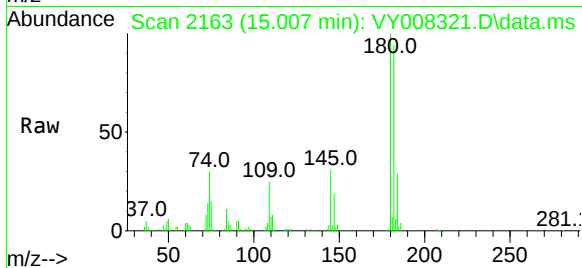
Tgt Ion:180 Resp: 81275

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 31.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 40.118 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

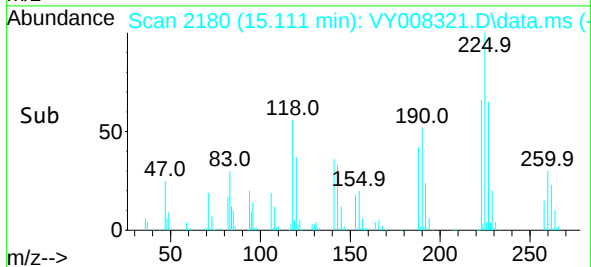
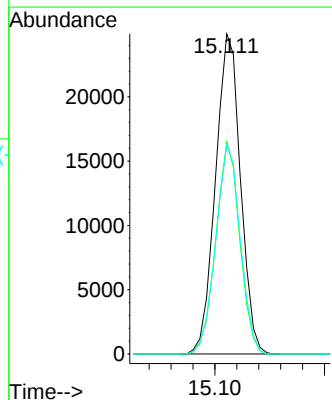
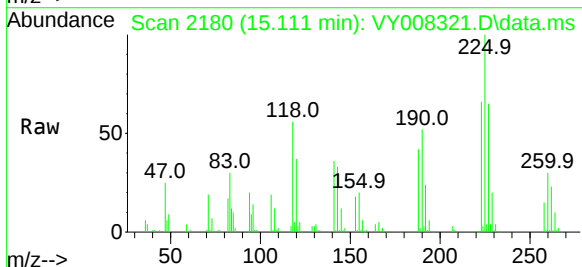
Tgt Ion:225 Resp: 39341

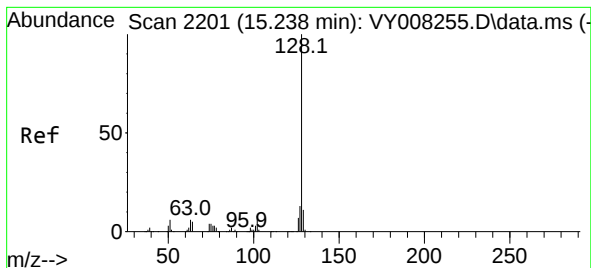
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 48.810 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.005 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

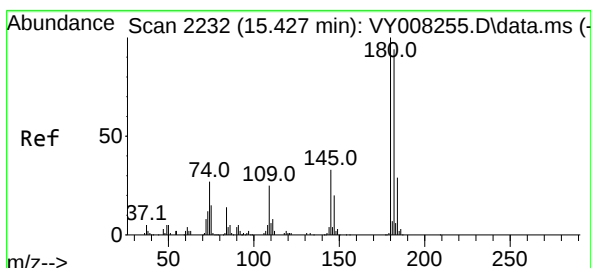
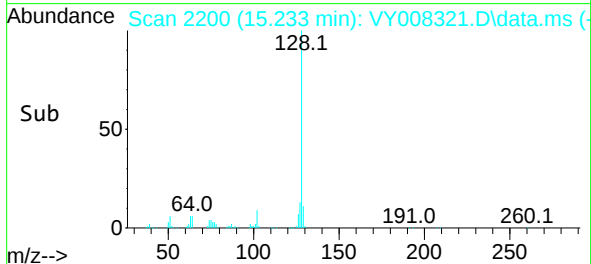
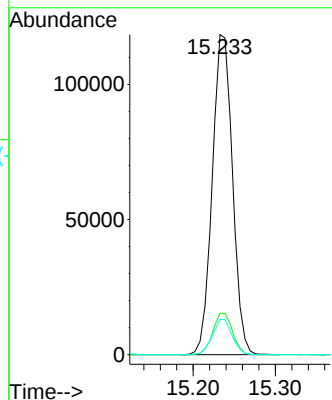
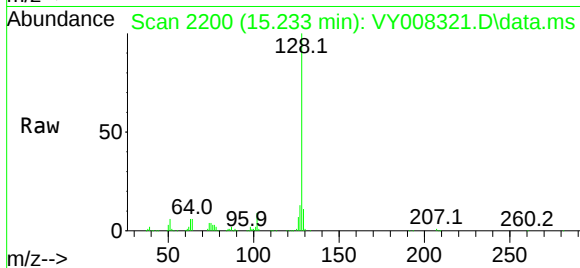
Tgt Ion:128 Resp: 201953

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 43.046 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.005 min

Lab File: VY008321.D

Acq: 13 Apr 2022 18:33

Tgt Ion:180 Resp: 72762

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 32.8 15.3 45.9

