

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007881.D
 Acq On : 17 Mar 2022 17:52
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Quant Time: Mar 17 18:24:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	321576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	474668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	148397	40.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.940%
35) Dibromofluoromethane	7.716	113	152700	40.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.720%
50) Toluene-d8	10.179	98	527481	45.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.483	95	207164	38.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	52373	22.365	ug/l	98
3) Chloromethane	2.113	50	66109	22.226	ug/l	98
4) Vinyl Chloride	2.247	62	77956	21.814	ug/l	99
5) Bromomethane	2.637	94	58959	24.415	ug/l	97
6) Chloroethane	2.790	64	52343	19.904	ug/l	98
7) Trichlorofluoromethane	3.119	101	115679	19.620	ug/l	94
8) Diethyl Ether	3.527	74	44139	20.171	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	73058	19.184	ug/l	94
10) Methyl Iodide	4.088	142	60766	17.262	ug/l #	87
11) Tert butyl alcohol	4.954	59	42738	100.054	ug/l	98
12) 1,1-Dichloroethene	3.869	96	68392	19.586	ug/l #	79
13) Acrolein	3.723	56	30156	117.214	ug/l	100
14) Allyl chloride	4.479	41	109755	18.687	ug/l #	91
15) Acrylonitrile	5.161	53	114626	98.294	ug/l	97
16) Acetone	3.942	43	83497	85.842	ug/l #	85
17) Carbon Disulfide	4.192	76	164358	21.623	ug/l	99
18) Methyl Acetate	4.472	43	58803	22.185	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	212484	19.399	ug/l	97
20) Methylene Chloride	4.716	84	93736	22.281	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	72638	18.581	ug/l	91
22) Diisopropyl ether	6.119	45	246904	19.540	ug/l #	92
23) Vinyl Acetate	6.058	43	789305	99.733	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	139068	19.540	ug/l	99
25) 2-Butanone	6.984	43	147816	94.874	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	124093	18.812	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	93036	19.828	ug/l	86
28) Bromochloromethane	7.332	49	51251	18.231	ug/l #	83
29) Tetrahydrofuran	7.344	42	97553	97.720	ug/l #	86
30) Chloroform	7.508	83	143790	19.546	ug/l	99
31) Cyclohexane	7.783	56	125591	20.748	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	126701	19.122	ug/l	96
36) 1,1-Dichloropropene	7.917	75	107250	19.111	ug/l	98
37) Ethyl Acetate	7.070	43	65000	18.982	ug/l #	91
38) Carbon Tetrachloride	7.899	117	111260	18.553	ug/l	98
39) Methylcyclohexane	9.179	83	137354	20.185	ug/l	94
40) Benzene	8.161	78	311464	18.992	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	89076	42.180	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	91503	19.271	ug/l	89
43) Isopropyl Acetate	8.271	43	125366	18.990	ug/l #	91
44) Trichloroethene	8.935	130	85556	18.867	ug/l	98
45) 1,2-Dichloropropane	9.216	63	80681	19.000	ug/l	96
46) Dibromomethane	9.307	93	47496	19.120	ug/l	94
47) Bromodichloromethane	9.496	83	113965	18.990	ug/l	98
48) Methyl methacrylate	9.289	41	54437	18.537	ug/l #	86
49) 1,4-Dioxane	9.295	88	13903	395.184	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	329683	94.787	ug/l	90
52) Toluene	10.246	92	197189	18.723	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	120908	18.886	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	132592	18.573	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	69636	19.295	ug/l	97
56) Ethyl methacrylate	10.508	69	97903	18.896	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	114276	18.988	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	232918	91.640	ug/l	96
59) 2-Hexanone	10.831	43	228268	91.775	ug/l	87
60) Dibromochloromethane	10.983	129	82517	19.090	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66143	18.944	ug/l	99
64) Tetrachloroethene	10.715	164	70279	19.027	ug/l	97
65) Chlorobenzene	11.514	112	215458	18.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	82378	19.242	ug/l	96
67) Ethyl Benzene	11.593	91	383935	18.955	ug/l	99
68) m/p-Xylenes	11.703	106	298411	37.769	ug/l	94
69) o-Xylene	12.026	106	146756	19.203	ug/l	92
70) Styrene	12.044	104	245273	19.089	ug/l	96
71) Bromoform	12.209	173	52075	18.991	ug/l #	98
73) Isopropylbenzene	12.331	105	385003	19.056	ug/l	99
74) N-amyl acetate	12.142	43	114405	19.193	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	83596	19.222	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	106204	32.462	ug/l #	100
77) Bromobenzene	12.605	156	89013	19.280	ug/l	99
78) n-propylbenzene	12.672	91	456919	18.728	ug/l	99
79) 2-Chlorotoluene	12.758	91	256814	18.710	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	315394	18.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	29496	18.936	ug/l #	84
82) 4-Chlorotoluene	12.855	91	265559	18.623	ug/l	99
83) tert-Butylbenzene	13.075	119	283492	19.067	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	305845	18.778	ug/l	97
85) sec-Butylbenzene	13.251	105	419347	18.819	ug/l	99
86) p-Isopropyltoluene	13.367	119	340459	18.821	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	169890	18.841	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	168707	18.668	ug/l	98
89) n-Butylbenzene	13.696	91	324506	18.692	ug/l	99
90) Hexachloroethane	13.959	117	69431	19.229	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	154547	19.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14162	18.928	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	90381	17.628	ug/l	99
94) Hexachlorobutadiene	15.111	225	47681	17.432	ug/l	98
95) Naphthalene	15.233	128	207318	18.124	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	78723	17.408	ug/l	97

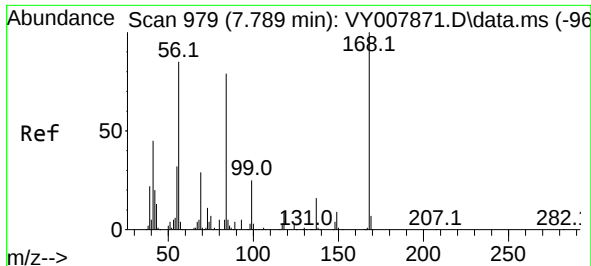
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QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

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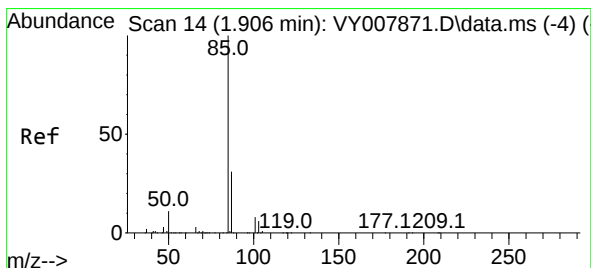
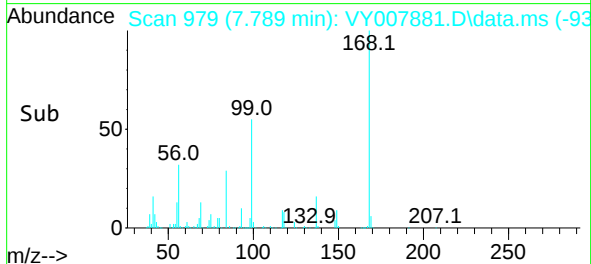
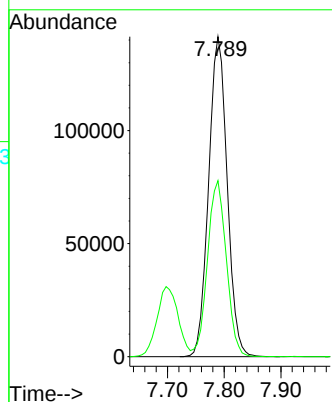
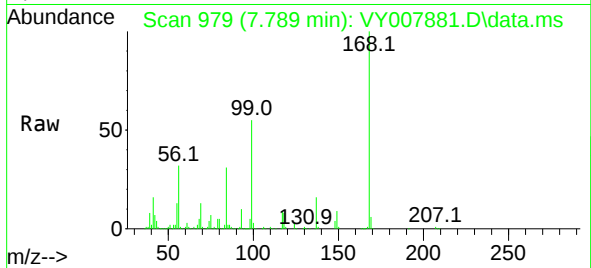
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

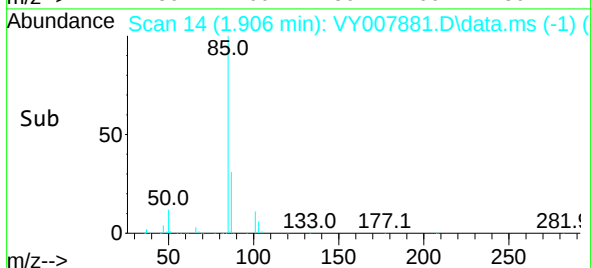
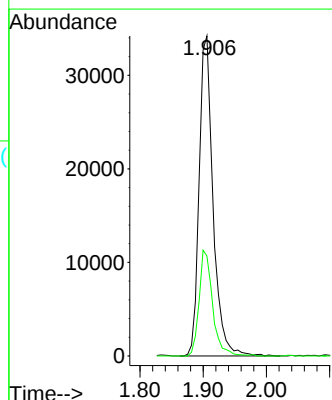
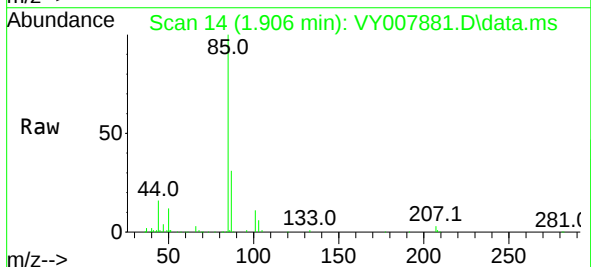
Instrument :
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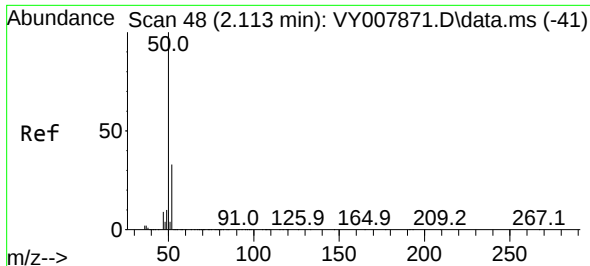
Tgt Ion:168 Resp: 321576
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 22.365 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 85 Resp: 52373
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

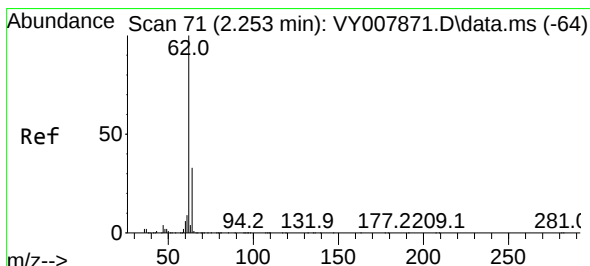
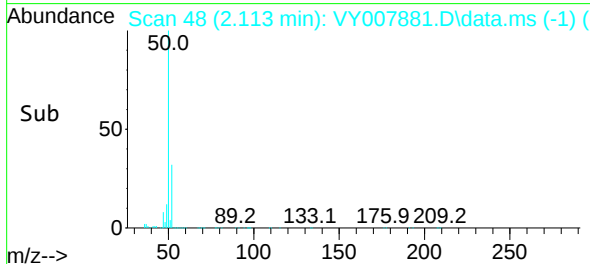
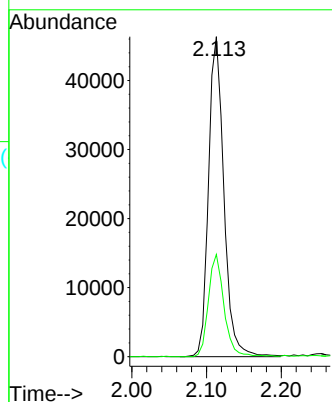
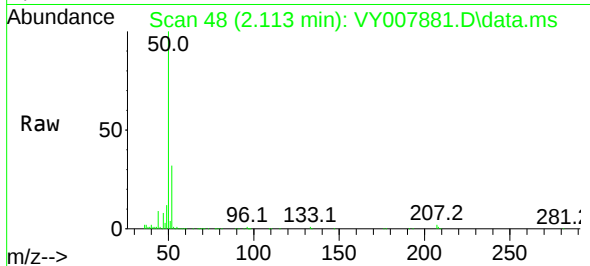




#3
 Chloromethane
 Concen: 22.226 ug/l
 RT: 2.113 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

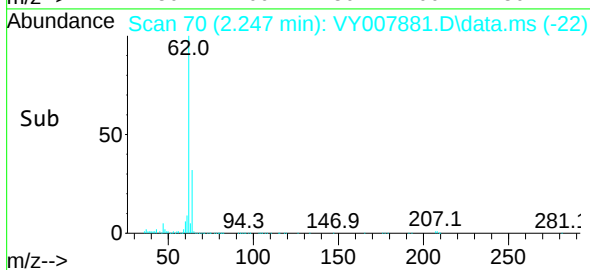
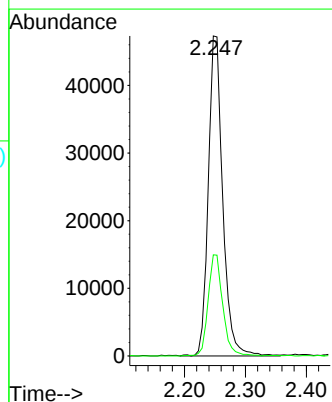
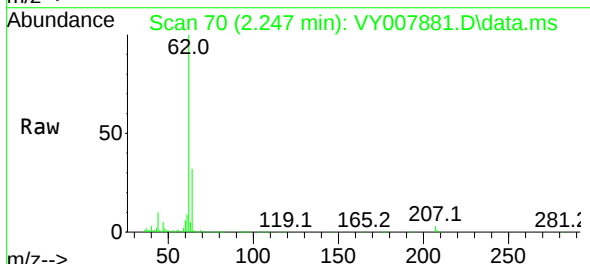
Instrument :
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 ClientSampleId :
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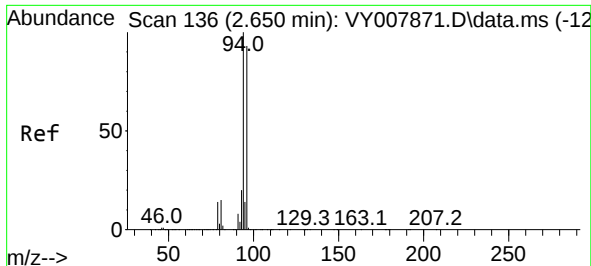
Tgt Ion: 50 Resp: 66109
 Ion Ratio Lower Upper
 50 100
 52 32.0 24.6 37.0



#4
 Vinyl Chloride
 Concen: 21.814 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion: 62 Resp: 77956
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.0 37.6

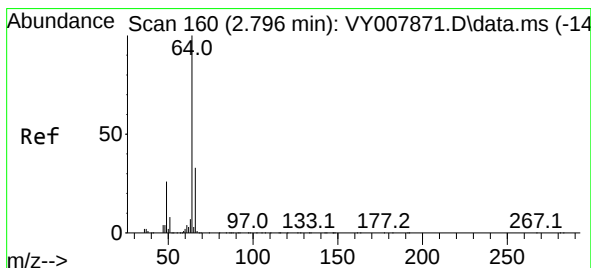
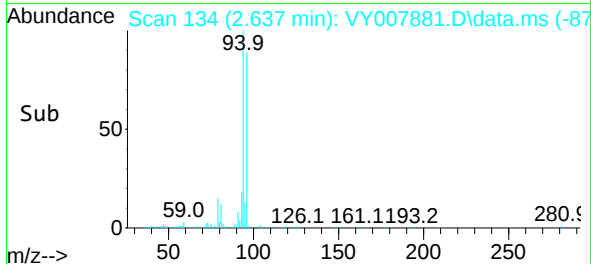
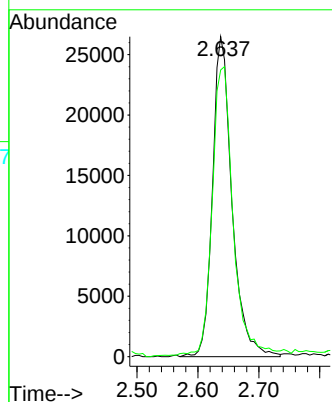
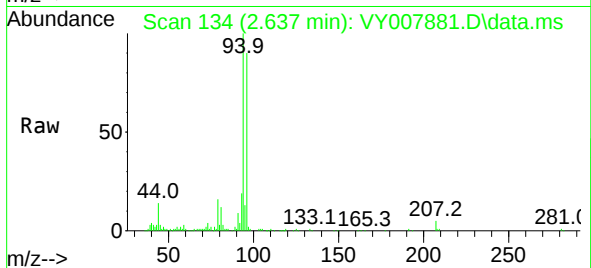




#5
Bromomethane
Concen: 24.415 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

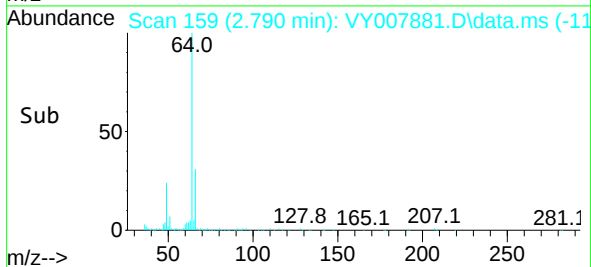
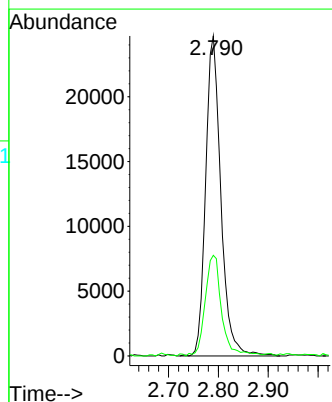
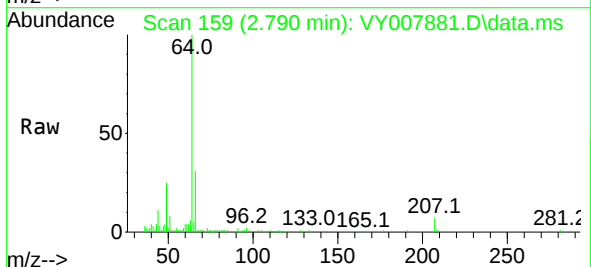
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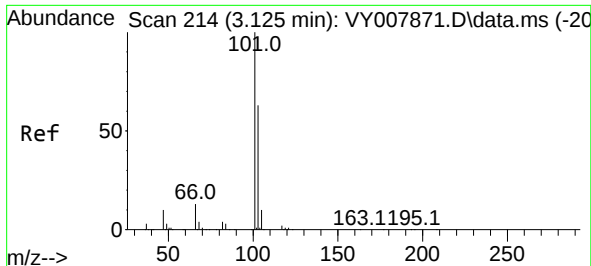
Tgt Ion: 94 Resp: 58959
Ion Ratio Lower Upper
94 100
96 88.6 73.5 110.3



#6
Chloroethane
Concen: 19.904 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 64 Resp: 52343
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

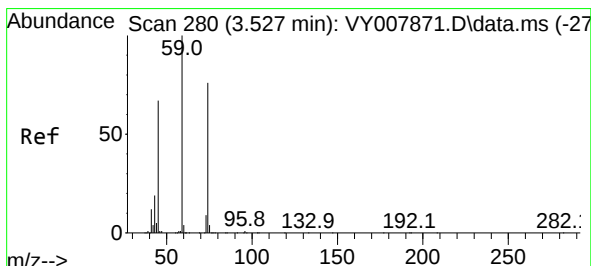
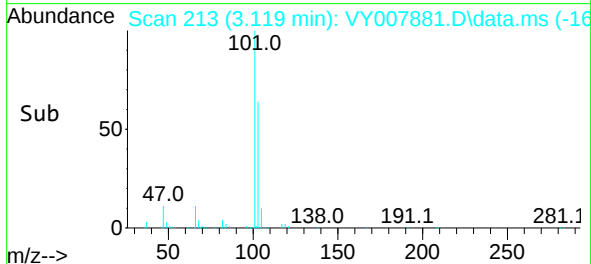
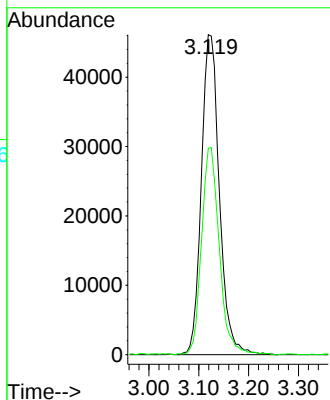
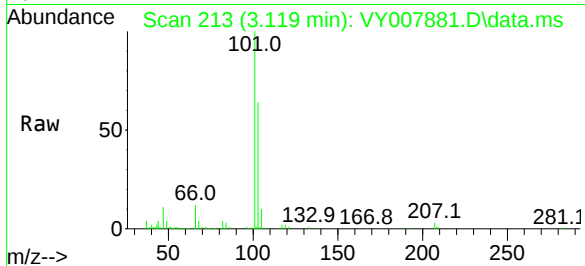




#7
 Trichlorofluoromethane
 Concen: 19.620 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

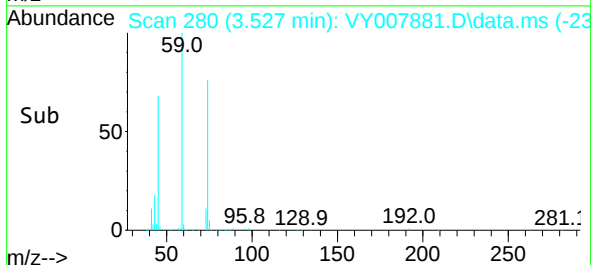
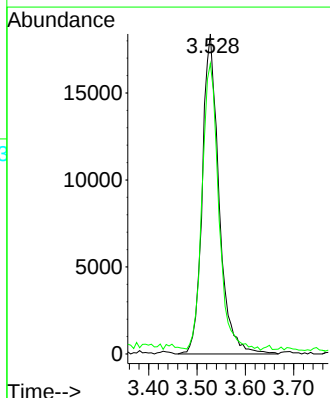
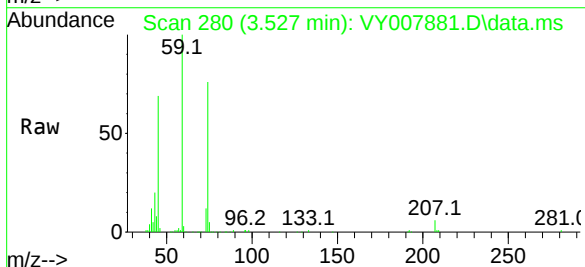
Instrument :
 MSVOA_Y
 ClientSampleId :
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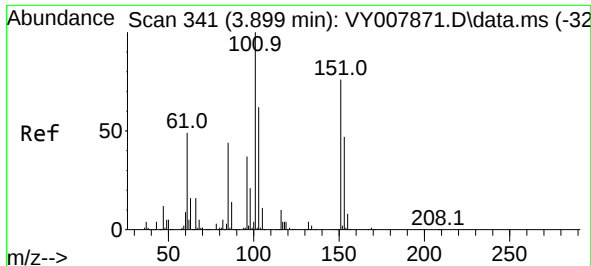
Tgt Ion:101 Resp: 115679
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 20.171 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion: 74 Resp: 44139
 Ion Ratio Lower Upper
 74 100
 45 89.0 55.1 165.5

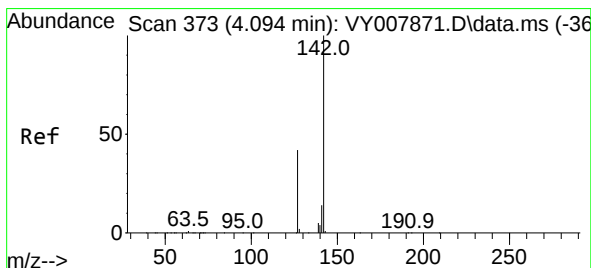
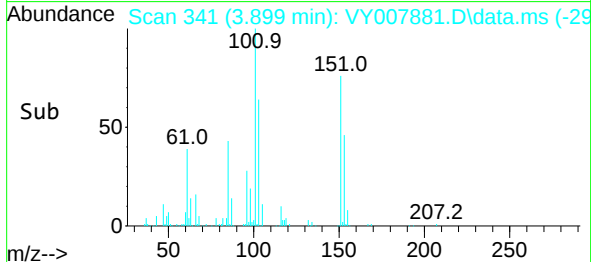
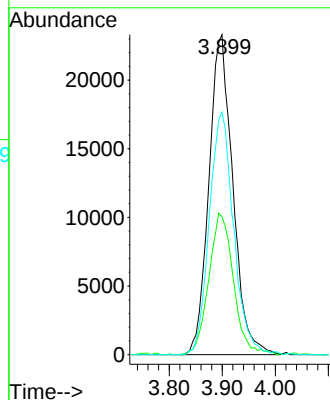
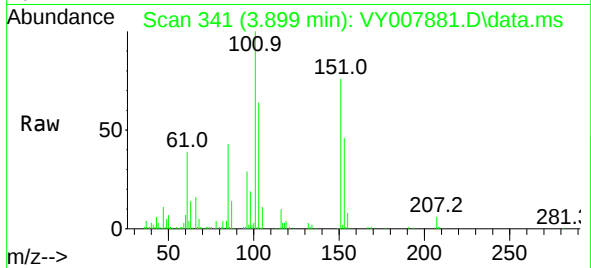




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.184 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
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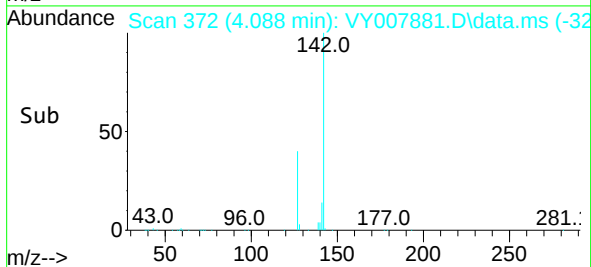
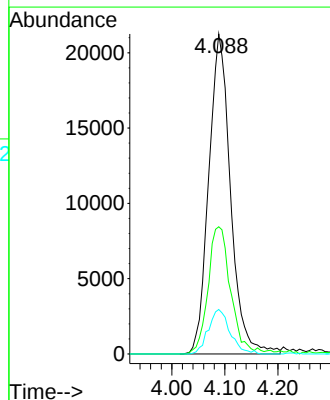
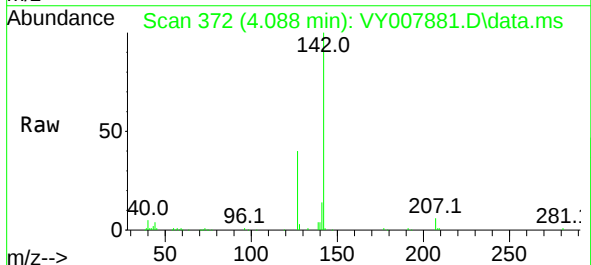
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

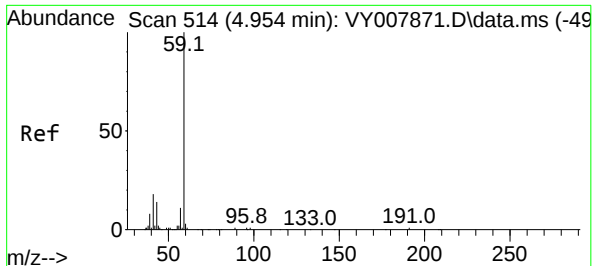
Tgt Ion:101 Resp: 73058
Ion Ratio Lower Upper
101 100
85 45.4 40.6 60.8
151 77.2 64.9 97.3



#10
Methyl Iodide
Concen: 17.262 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:142 Resp: 60766
Ion Ratio Lower Upper
142 100
127 40.9 41.5 62.3#
141 13.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 100.054 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

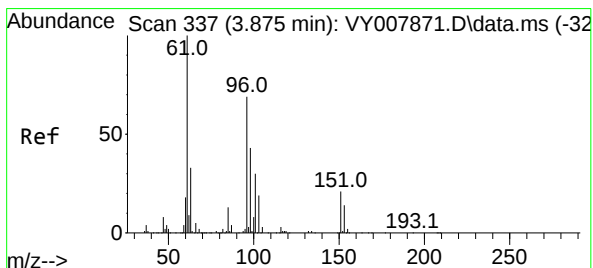
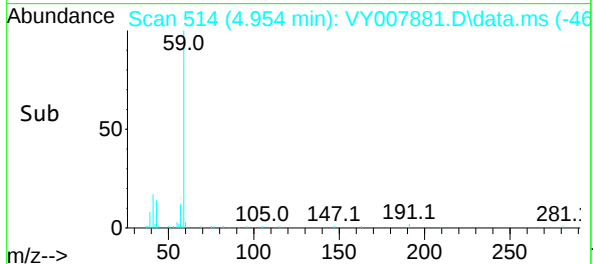
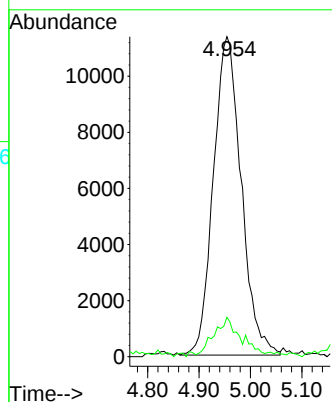
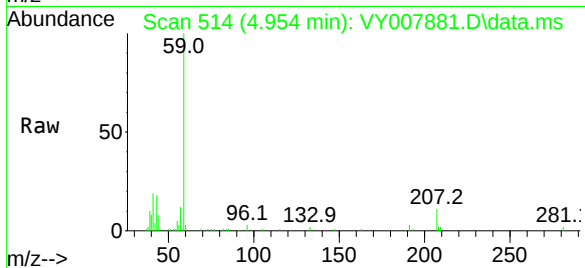
VY0317SBS01

Tgt Ion: 59 Resp: 42738

Ion Ratio Lower Upper

59 100

57 8.9 6.4 9.6



#12

1,1-Dichloroethene

Concen: 19.586 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

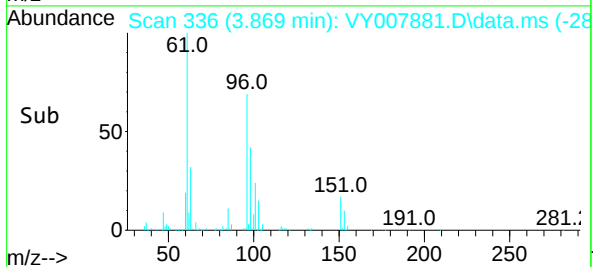
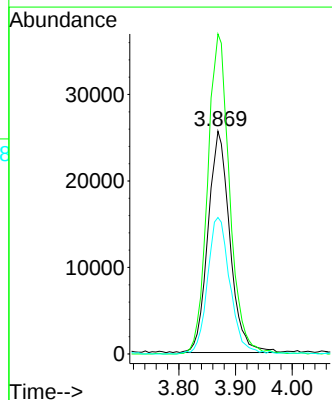
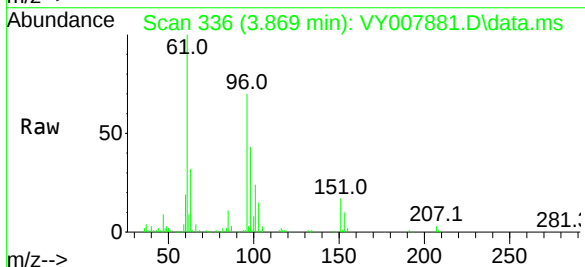
Tgt Ion: 96 Resp: 68392

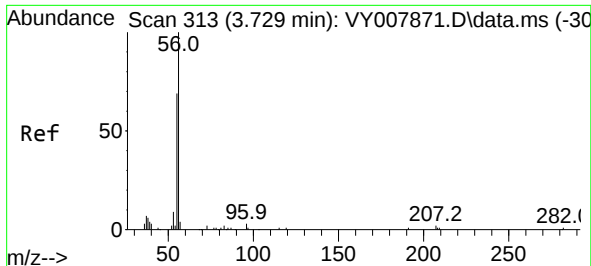
Ion Ratio Lower Upper

96 100

61 144.5 145.8 218.6#

98 61.4 52.5 78.7

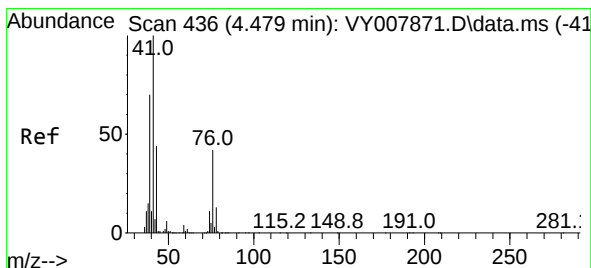
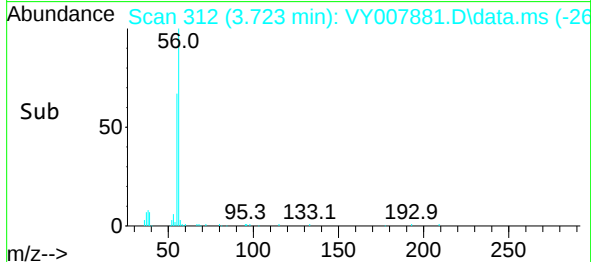
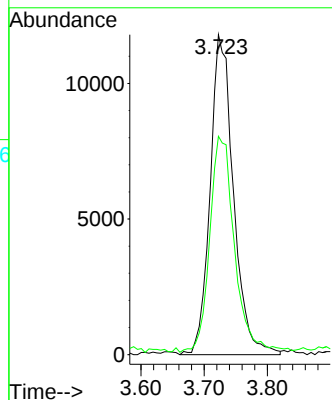
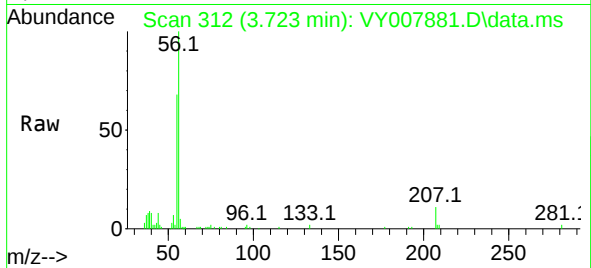




#13
Acrolein
Concen: 117.214 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

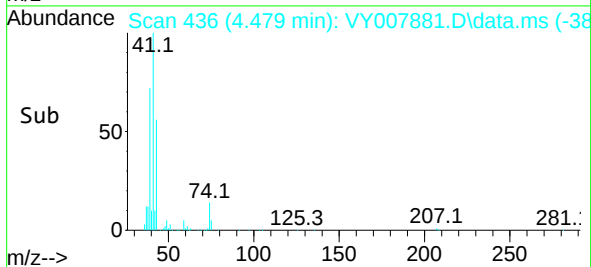
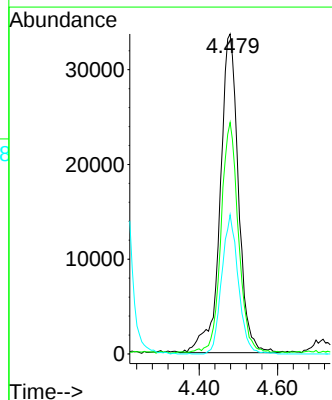
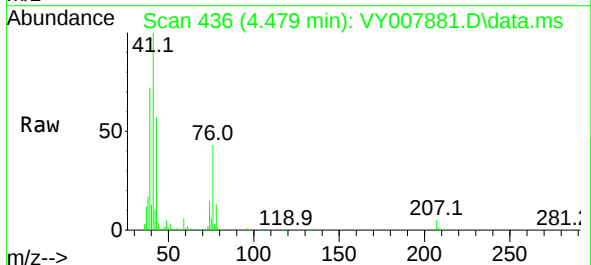
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

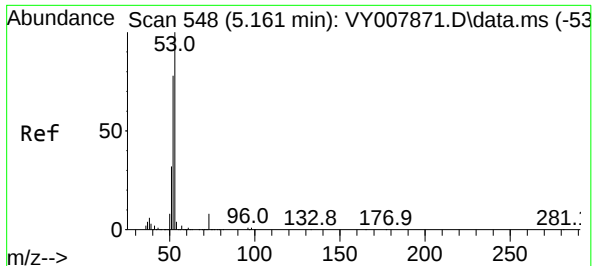
Tgt Ion: 56 Resp: 30156
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4



#14
Allyl chloride
Concen: 18.687 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 41 Resp: 109755
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 39.4 25.1 37.7#

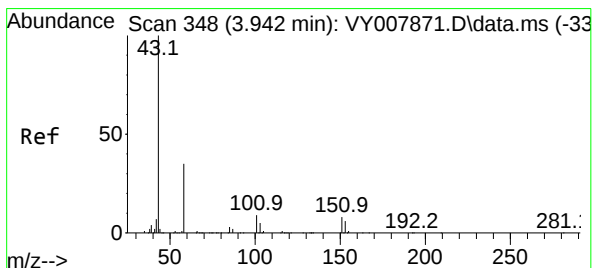
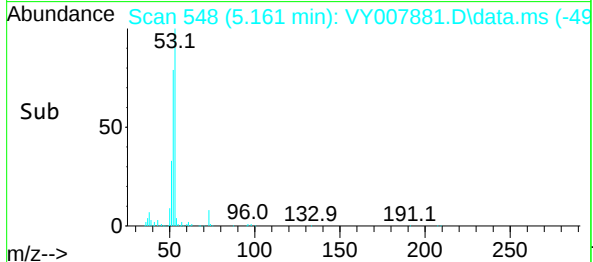
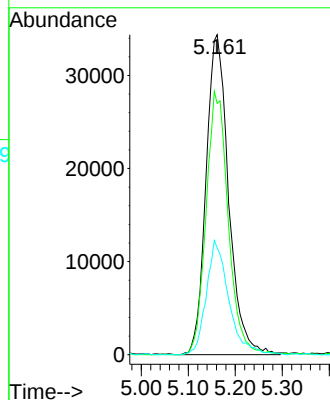
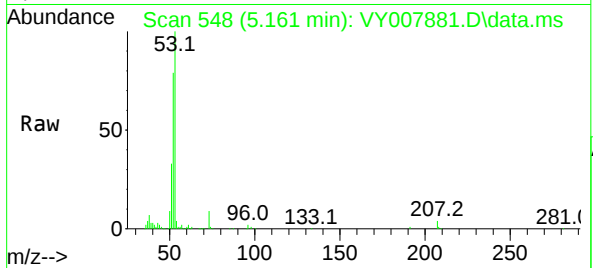




#15
Acrylonitrile
Concen: 98.294 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

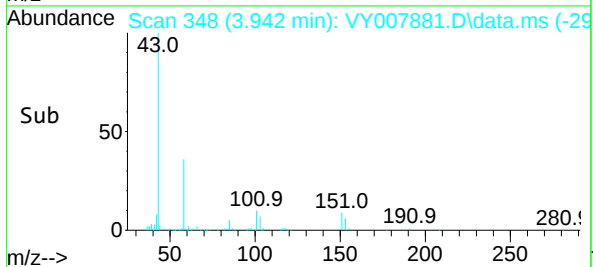
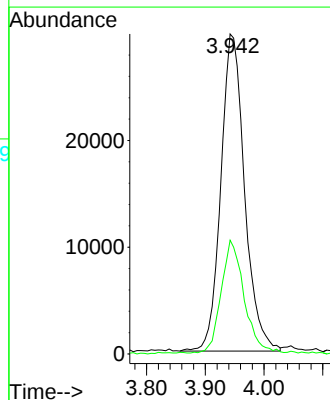
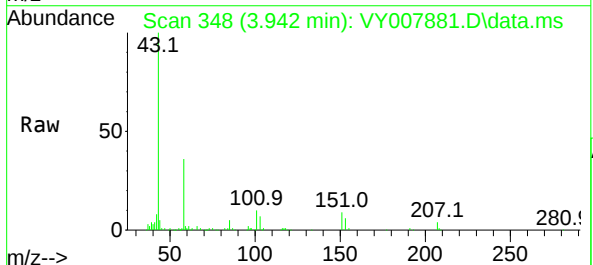
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

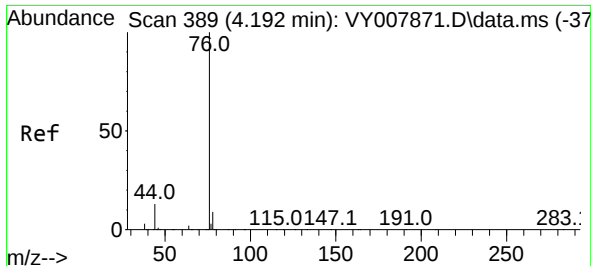
Tgt Ion: 53 Resp: 114626
Ion Ratio Lower Upper
53 100
52 80.7 67.0 100.4
51 35.6 29.8 44.6



#16
Acetone
Concen: 85.842 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 43 Resp: 83497
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#

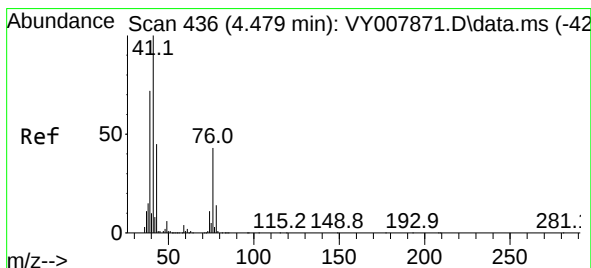
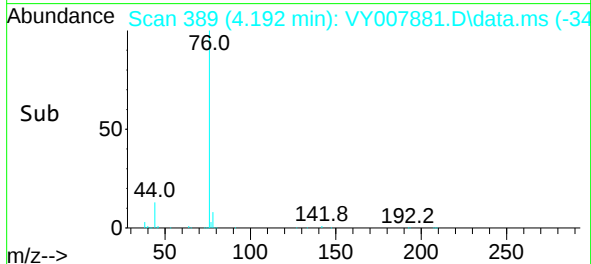
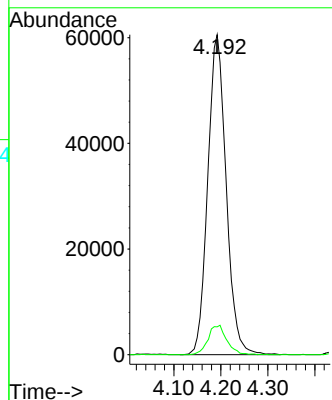
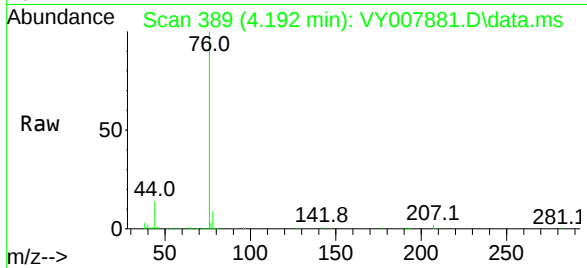




#17
Carbon Disulfide
Concen: 21.623 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

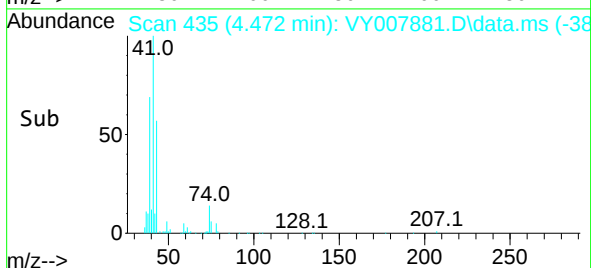
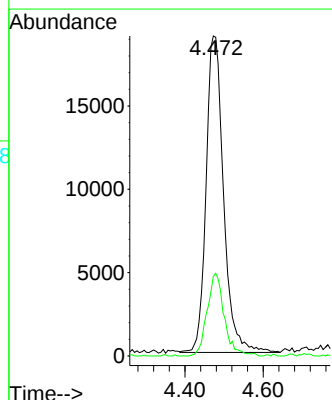
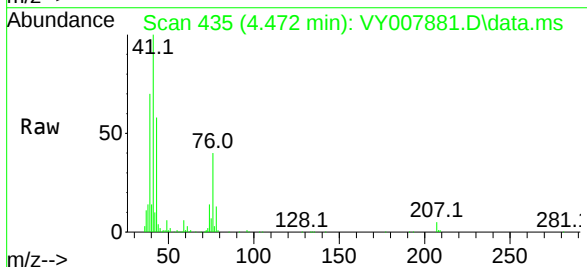
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

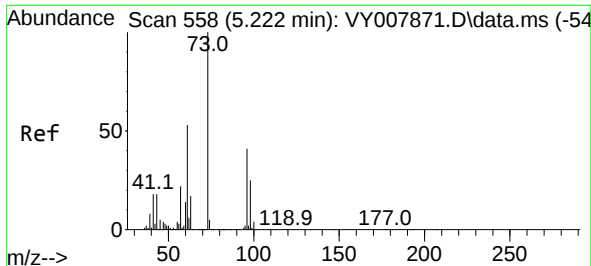
Tgt Ion: 76 Resp: 164358
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 22.185 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 43 Resp: 58803
Ion Ratio Lower Upper
43 100
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 19.399 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

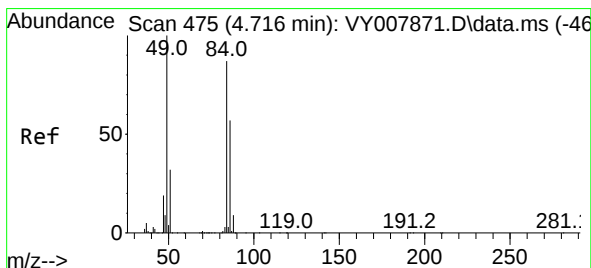
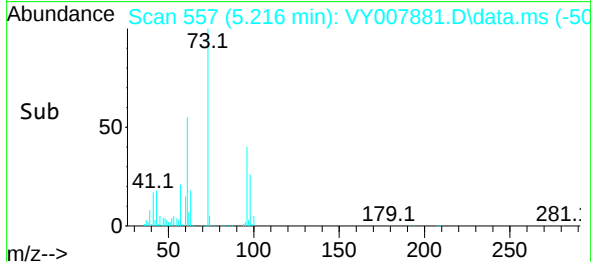
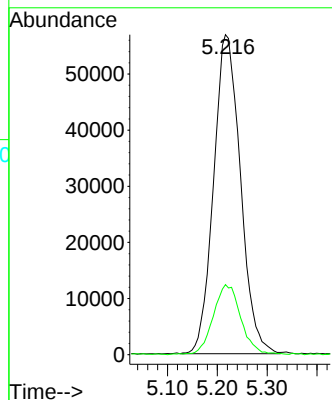
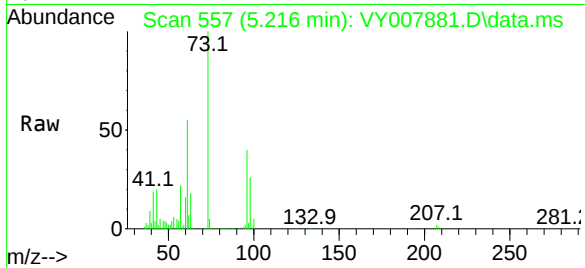
VY0317SBS01

Tgt Ion: 73 Resp: 212484

Ion Ratio Lower Upper

73 100

57 21.6 18.6 27.8



#20

Methylene Chloride

Concen: 22.281 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Tgt Ion: 84 Resp: 93736

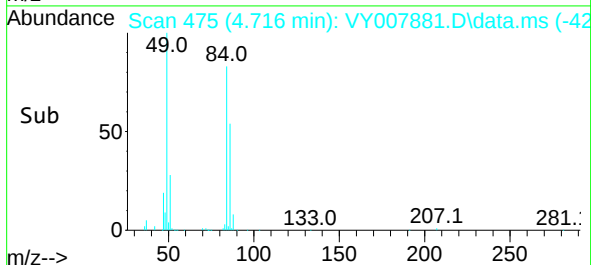
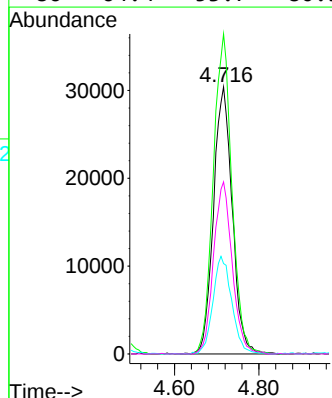
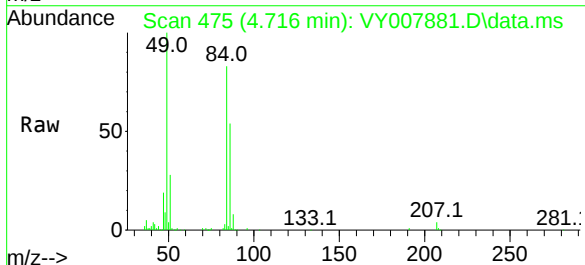
Ion Ratio Lower Upper

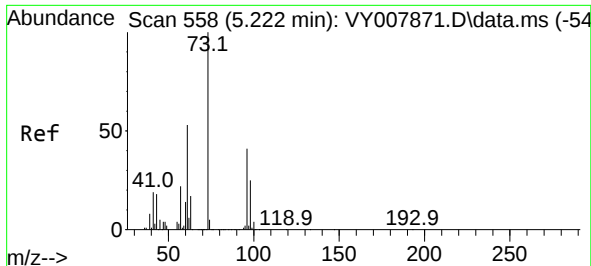
84 100

49 119.8 114.4 171.6

51 33.8 35.3 52.9#

86 64.4 53.7 80.5

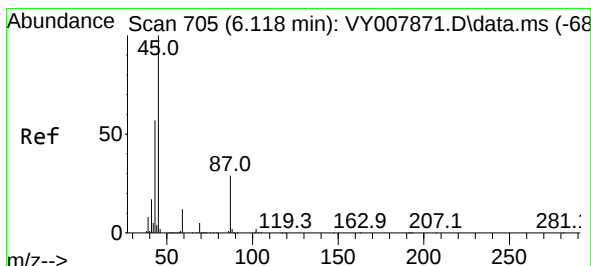
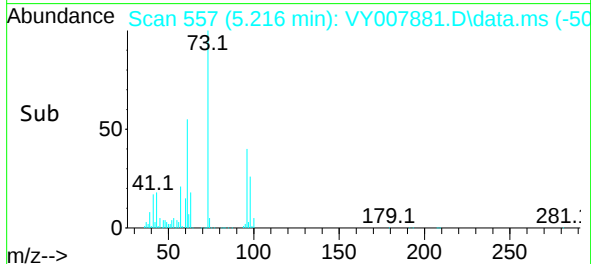
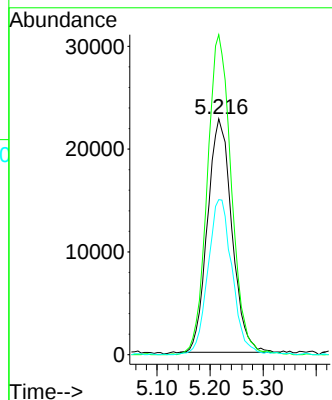
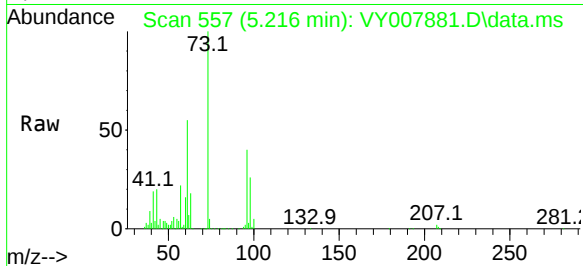




#21
trans-1,2-Dichloroethene
Concen: 18.581 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

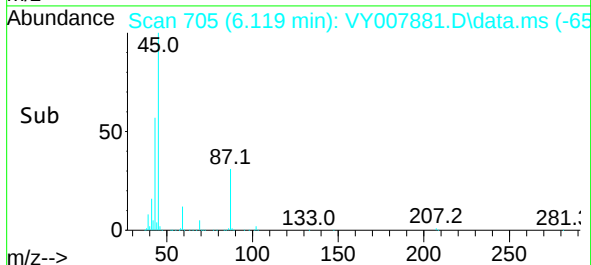
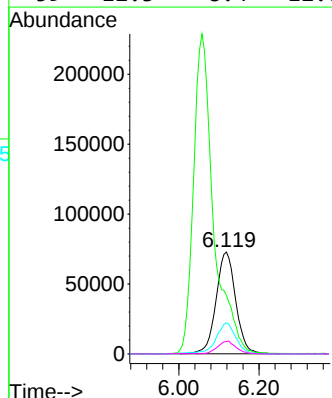
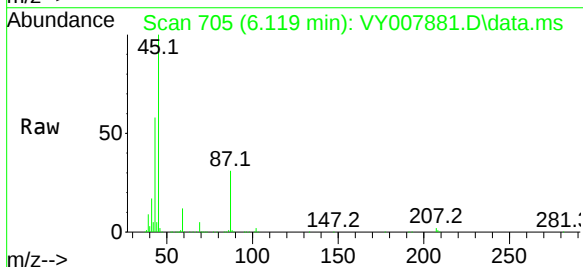
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

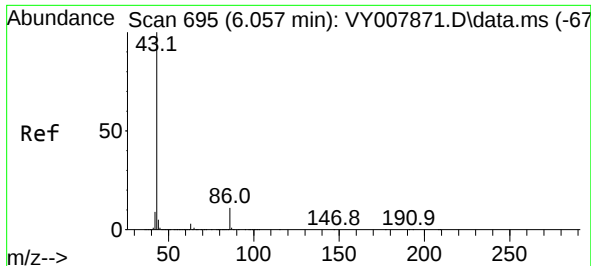
Tgt Ion: 96 Resp: 72638
Ion Ratio Lower Upper
96 100
61 136.7 120.5 180.7
98 66.1 49.8 74.8



#22
Diisopropyl ether
Concen: 19.540 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 45 Resp: 246904
Ion Ratio Lower Upper
45 100
43 57.2 49.3 73.9
87 30.6 19.2 28.8#
59 12.3 8.4 12.6

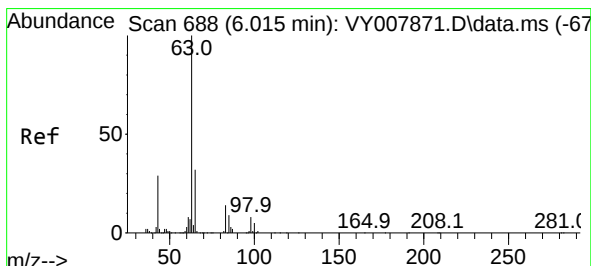
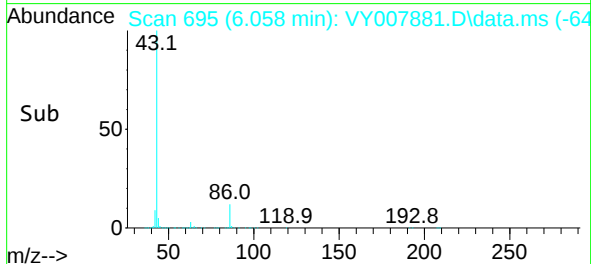
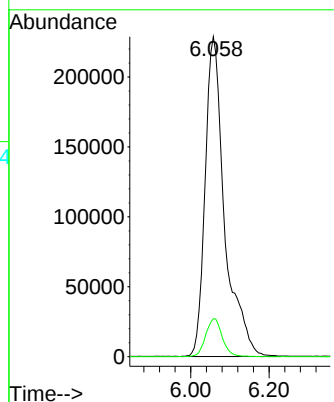
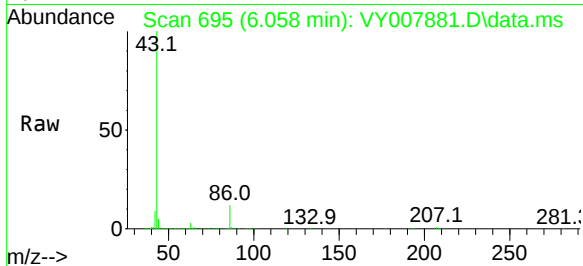




#23
 Vinyl Acetate
 Concen: 99.733 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

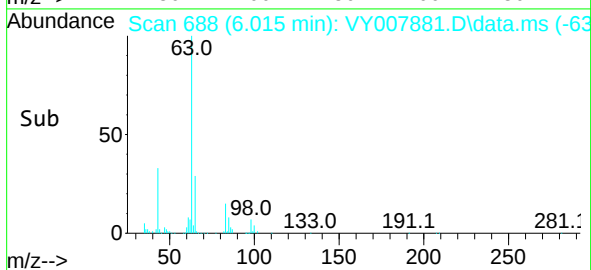
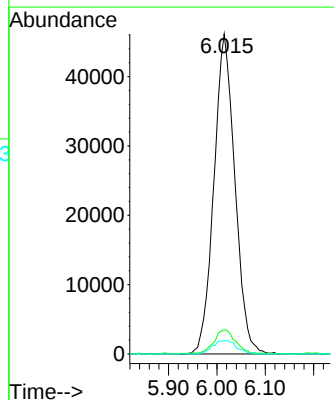
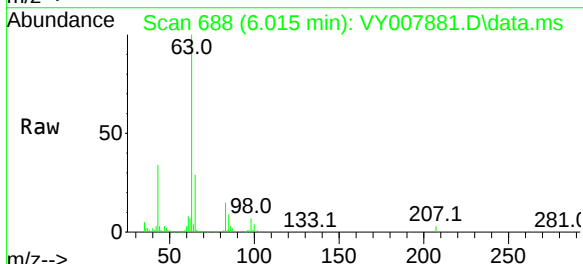
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

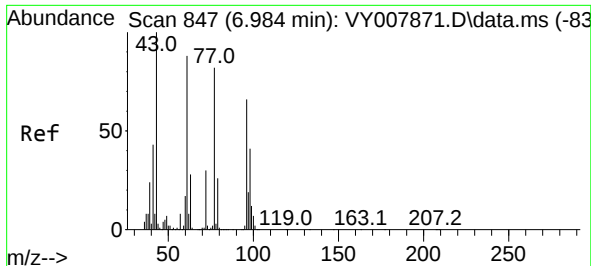
Tgt Ion: 43 Resp: 789305
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.540 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion: 63 Resp: 139068
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.2 2.0 5.8

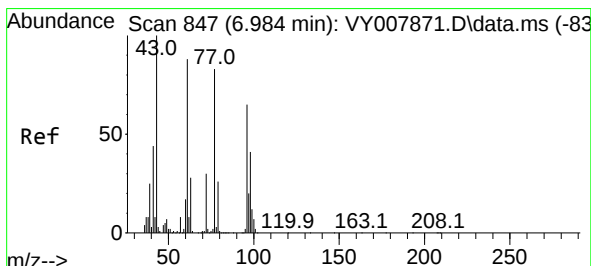
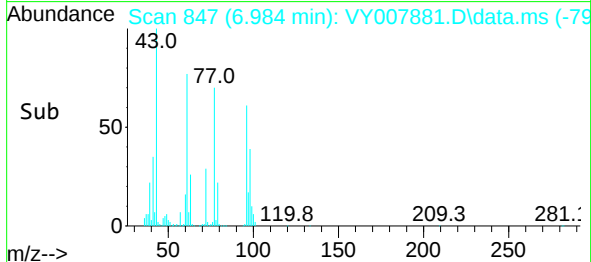
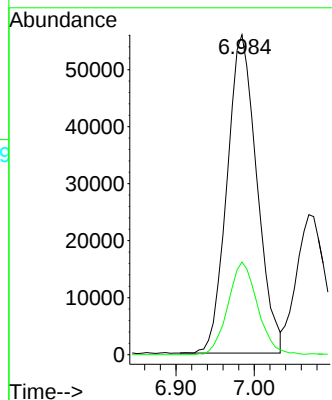
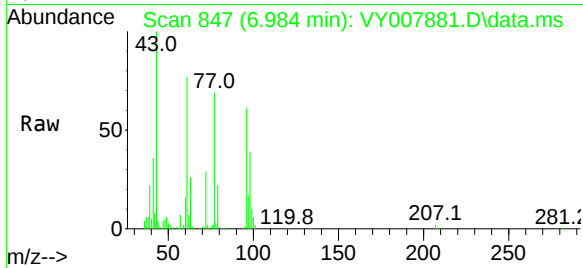




#25
2-Butanone
Concen: 94.874 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

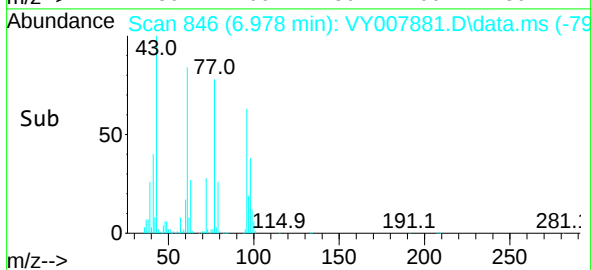
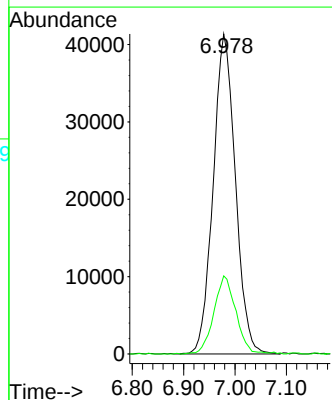
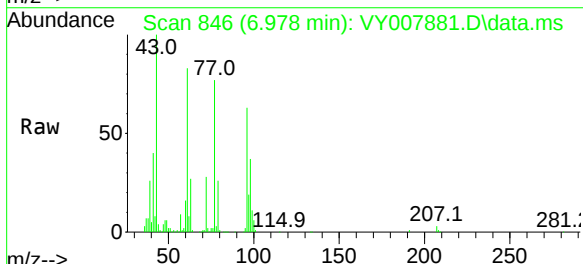
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

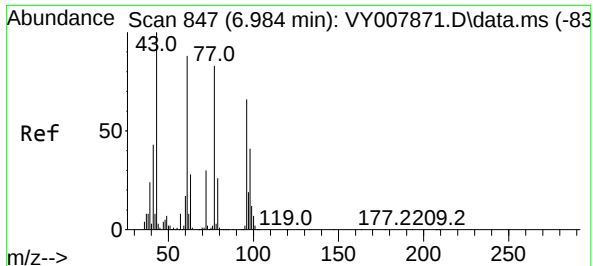
Tgt Ion: 43 Resp: 147816
Ion Ratio Lower Upper
43 100
72 29.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 18.812 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 77 Resp: 124093
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4

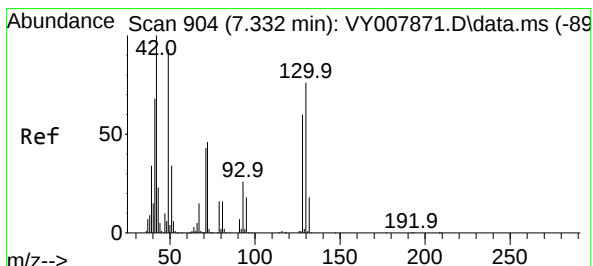
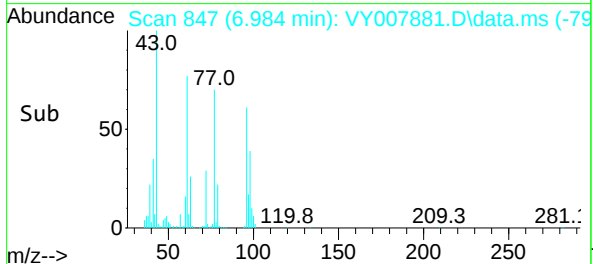
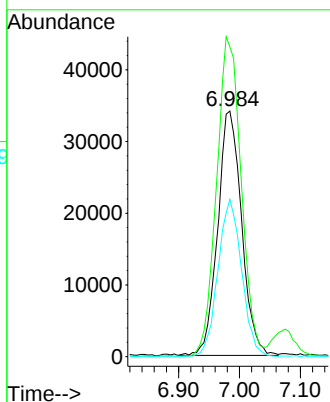
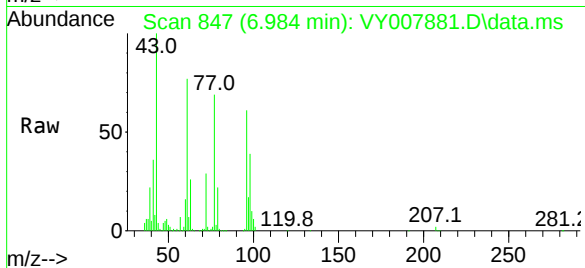




#27
 cis-1,2-Dichloroethene
 Concen: 19.828 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

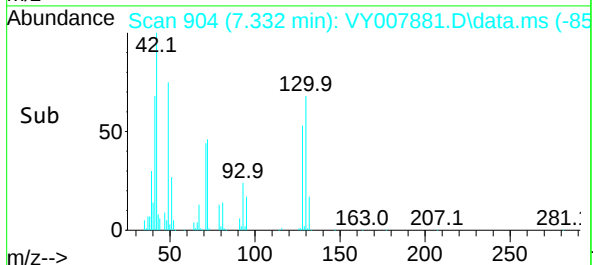
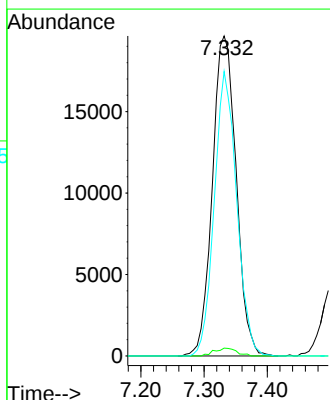
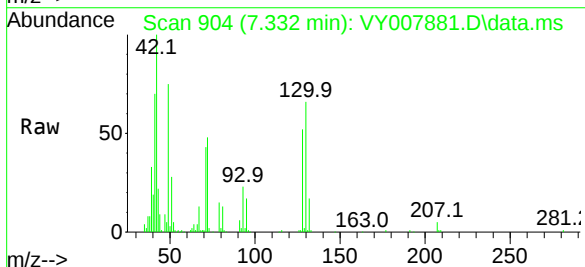
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

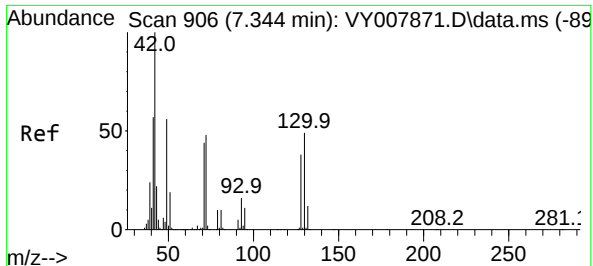
Tgt Ion: 96 Resp: 93036
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 319.8
 98 63.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 18.231 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion: 49 Resp: 51251
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 83.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 97.720 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

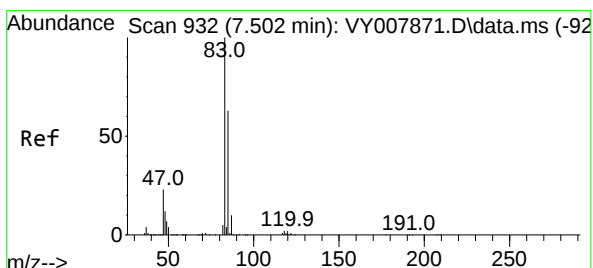
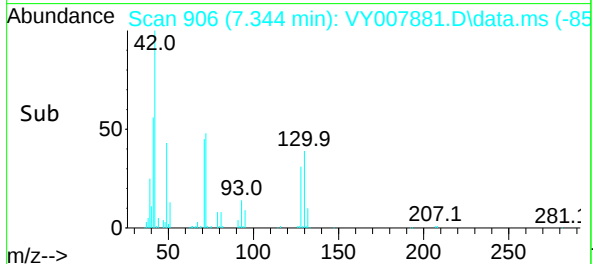
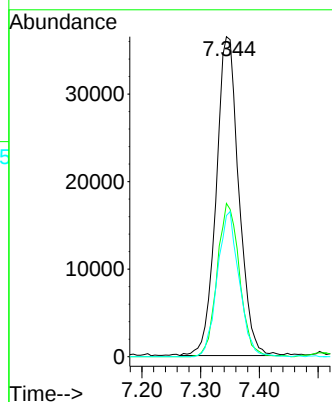
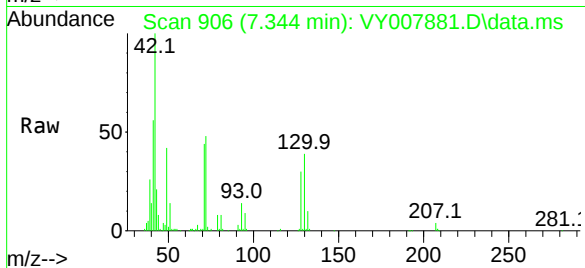
Tgt Ion: 42 Resp: 97553

Ion Ratio Lower Upper

42 100

72 47.3 30.3 45.5#

71 43.8 29.0 43.4#



#30

Chloroform

Concen: 19.546 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY007881.D

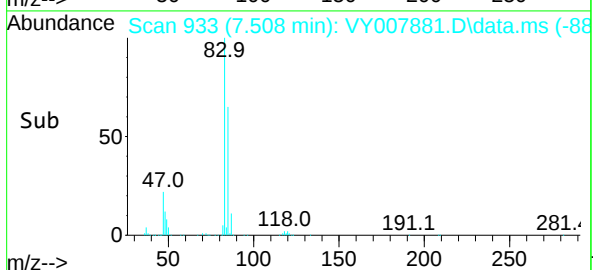
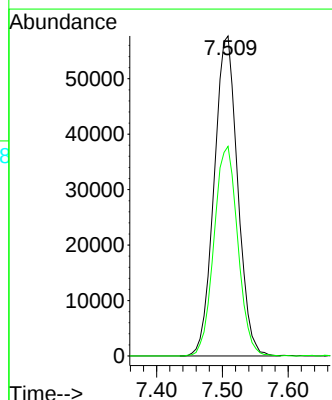
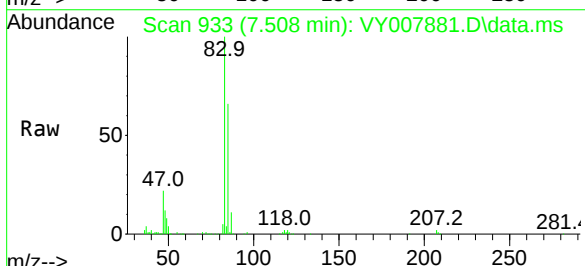
Acq: 17 Mar 2022 17:52

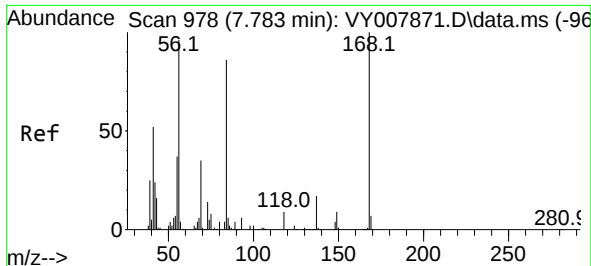
Tgt Ion: 83 Resp: 143790

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

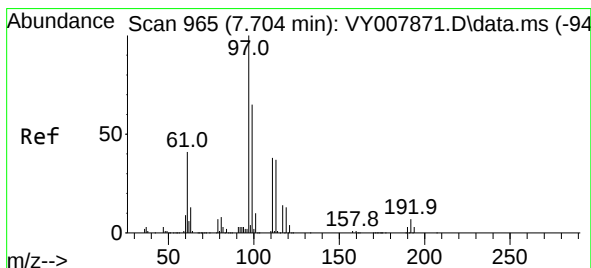
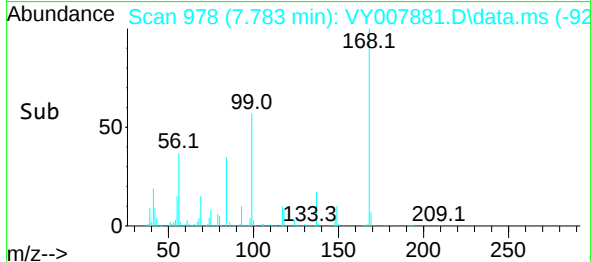
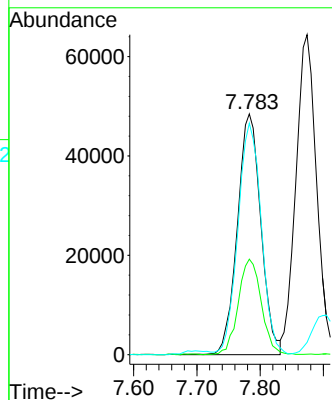
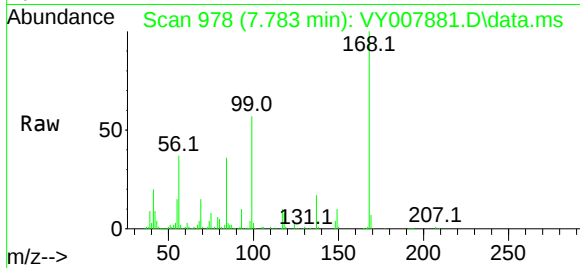




#31
Cyclohexane
Concen: 20.748 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

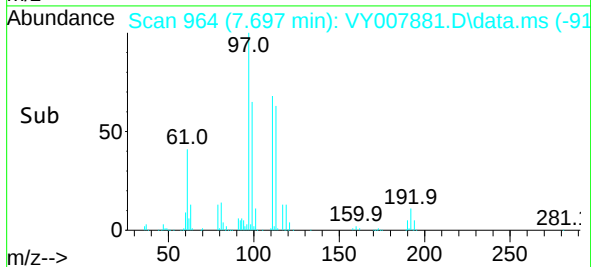
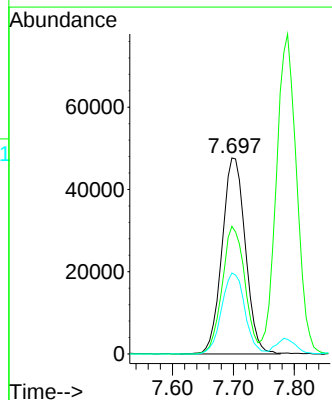
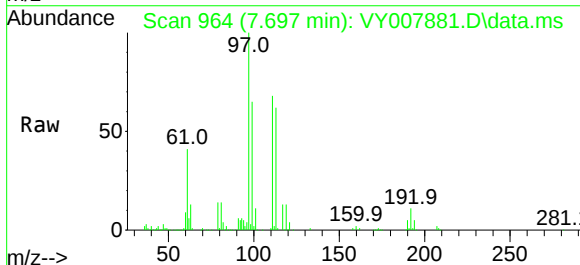
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

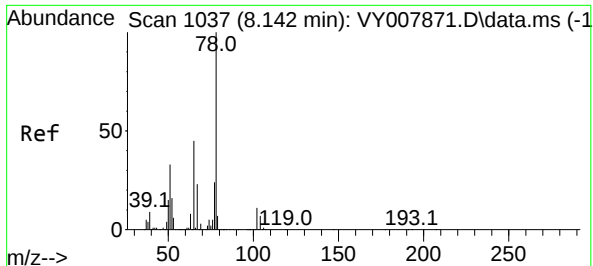
Tgt Ion: 56 Resp: 125591
Ion Ratio Lower Upper
56 100
69 39.6 26.7 40.1
84 95.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.122 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 97 Resp: 126701
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 40.473 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

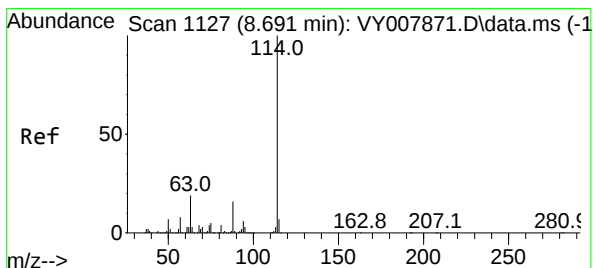
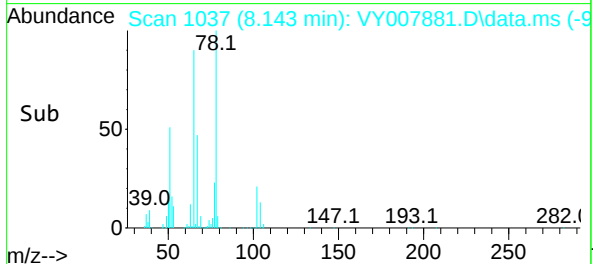
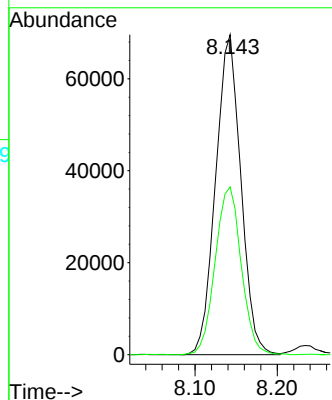
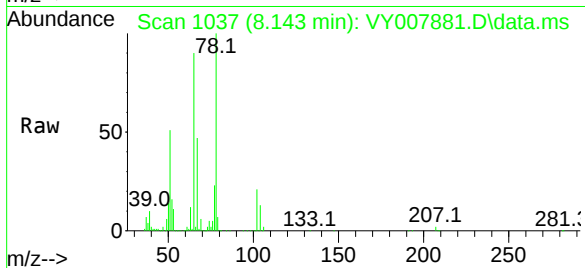
VY0317SBS01

Tgt Ion: 65 Resp: 148397

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

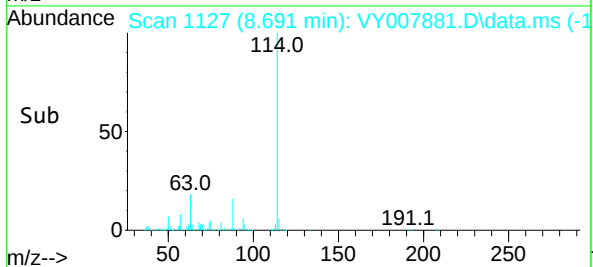
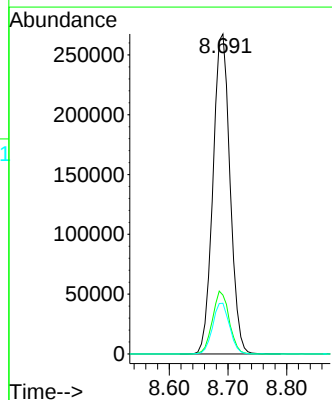
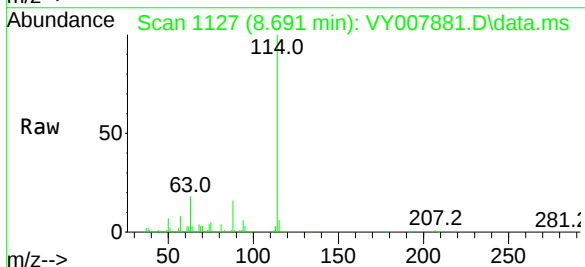
Tgt Ion: 114 Resp: 538769

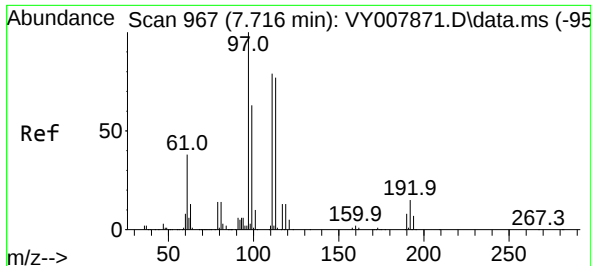
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.8 0.0 31.8

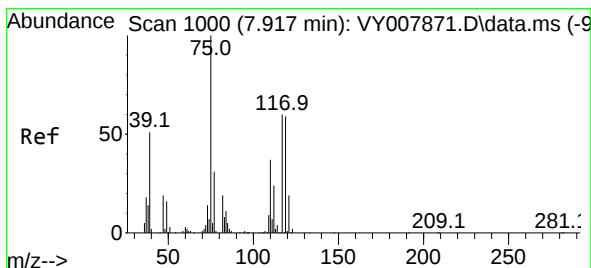
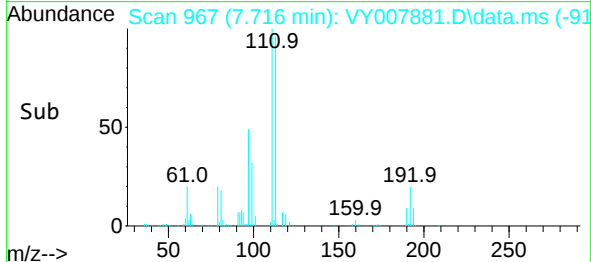
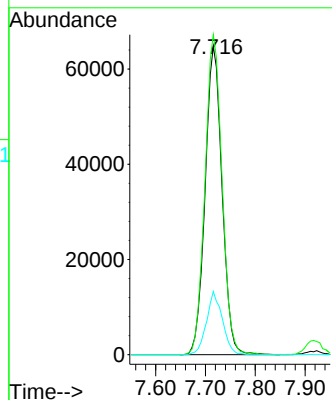
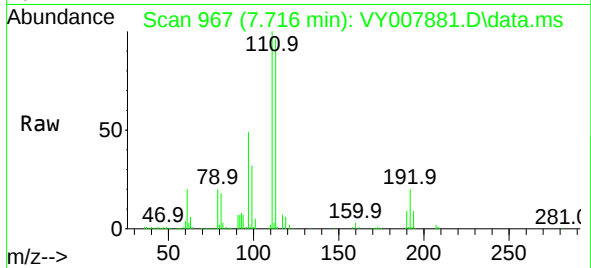




#35
Dibromofluoromethane
Concen: 40.357 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

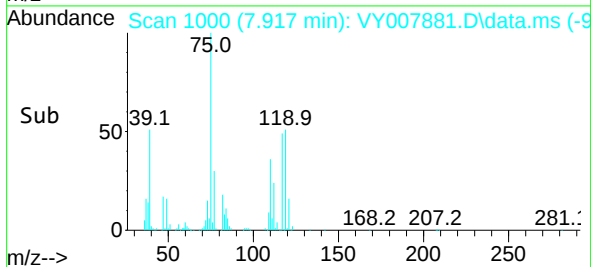
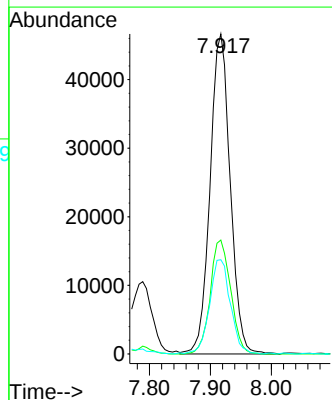
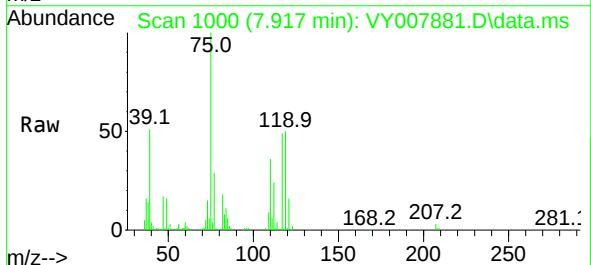
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

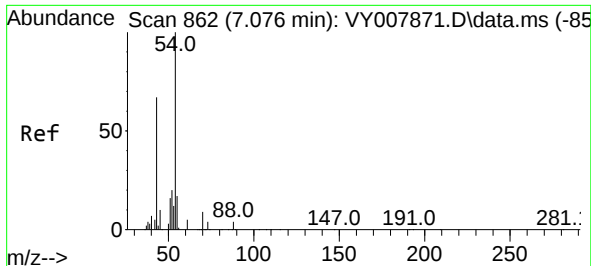
Tgt Ion:113 Resp: 152700
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.111 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 75 Resp: 107250
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 18.982 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

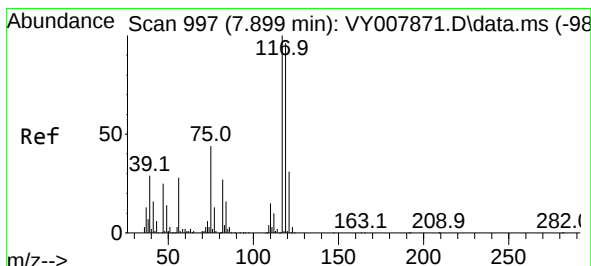
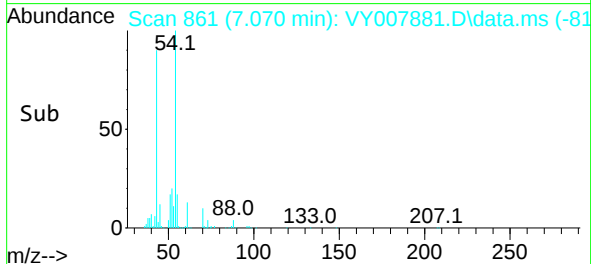
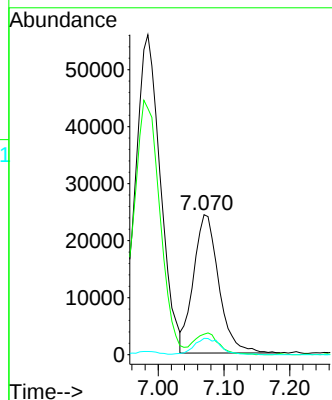
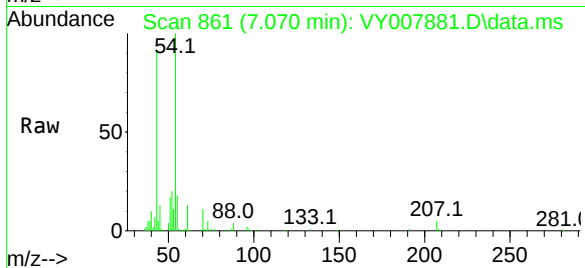
Tgt Ion: 43 Resp: 65000

Ion Ratio Lower Upper

43 100

61 15.5 9.7 14.5#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.553 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

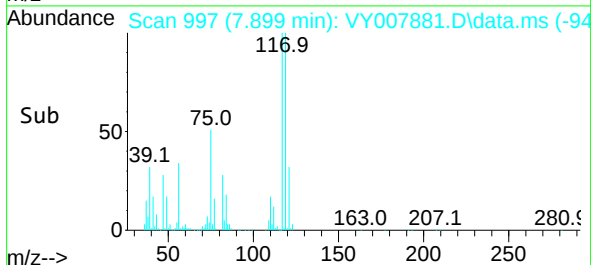
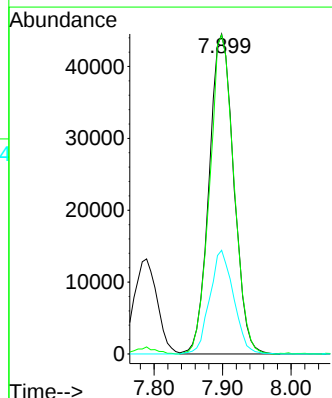
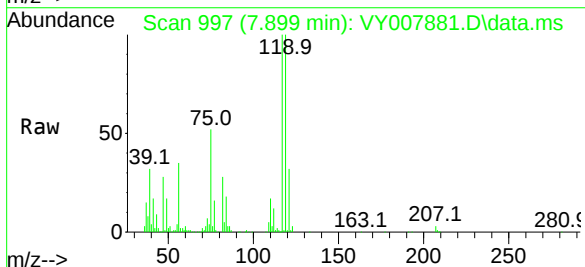
Tgt Ion: 117 Resp: 111260

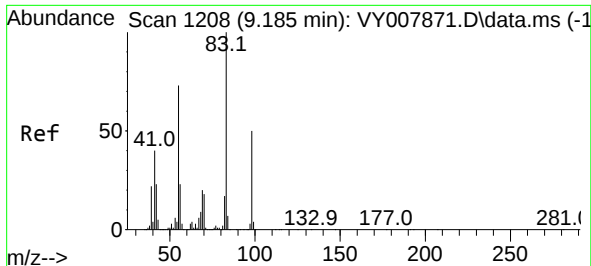
Ion Ratio Lower Upper

117 100

119 99.7 77.9 116.9

121 32.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.185 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

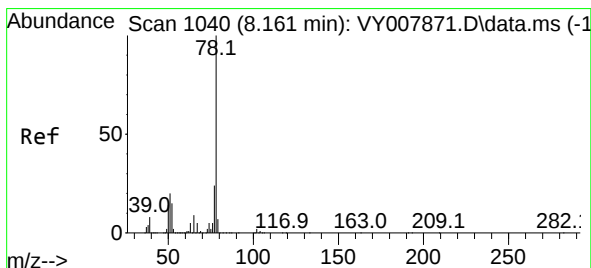
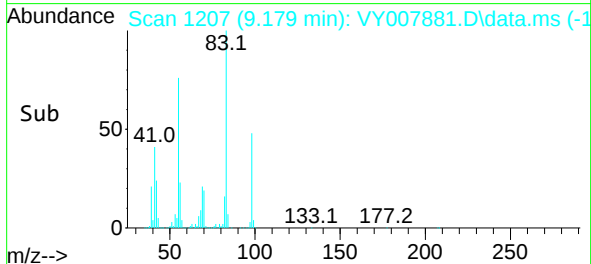
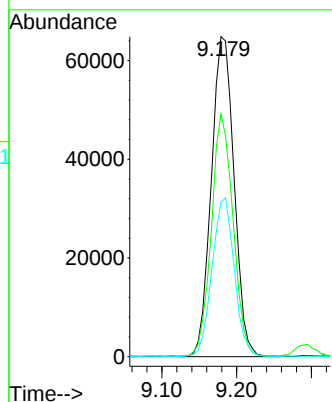
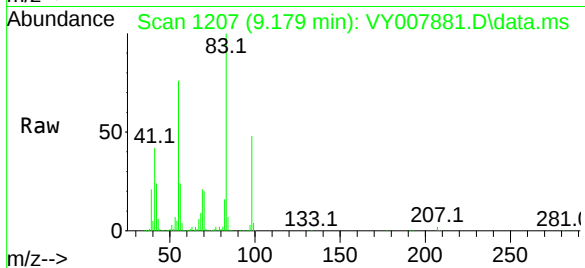
Tgt Ion: 83 Resp: 137354

Ion Ratio Lower Upper

83 100

55 75.5 66.5 99.7

98 48.4 37.9 56.9



#40

Benzene

Concen: 18.992 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007881.D

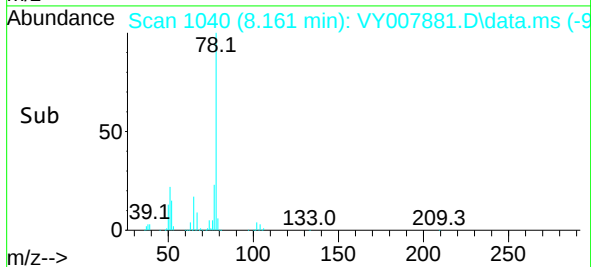
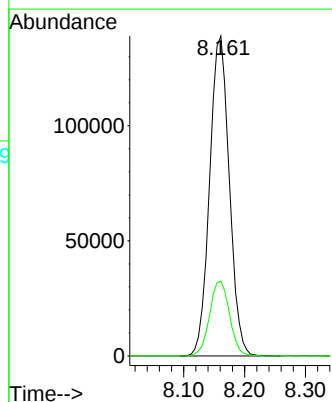
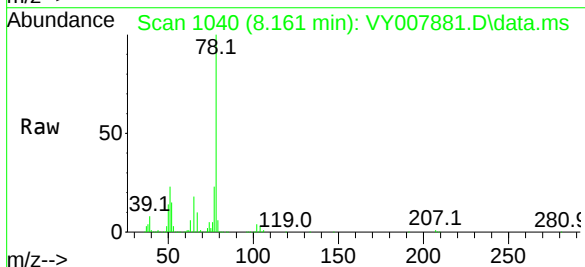
Acq: 17 Mar 2022 17:52

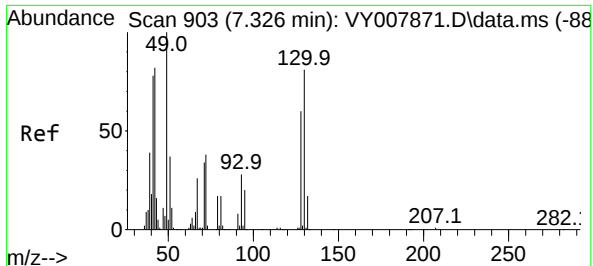
Tgt Ion: 78 Resp: 311464

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

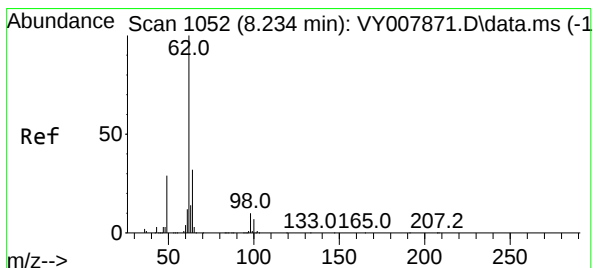
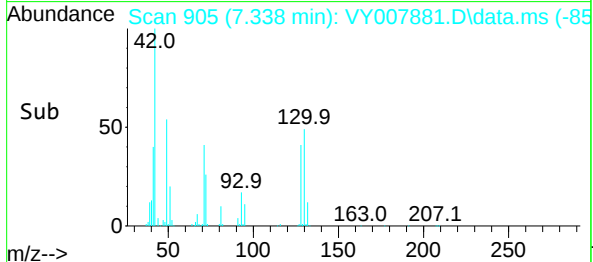
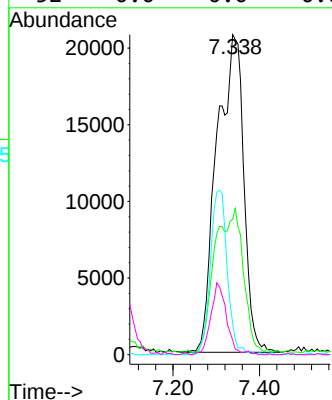
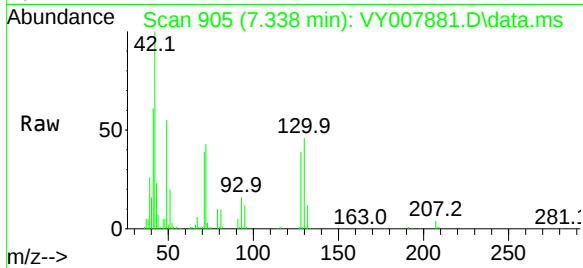




#41
Methacrylonitrile
Concen: 42.180 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.030 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

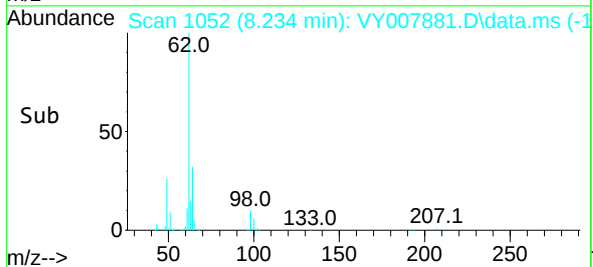
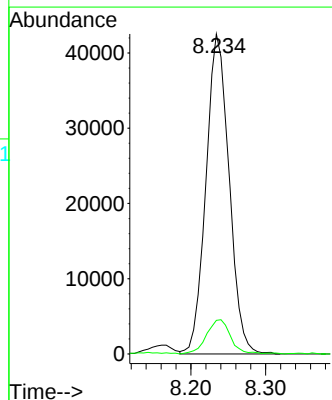
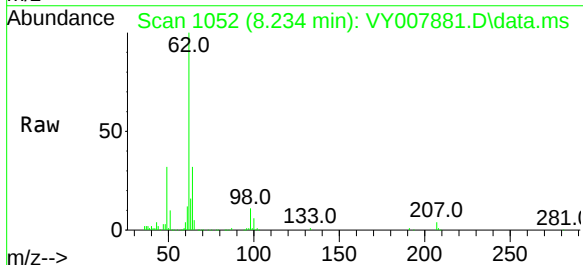
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

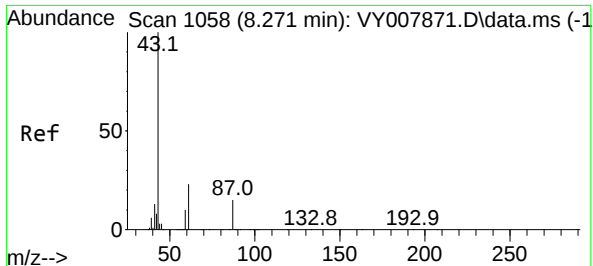
Tgt Ion: 41 Resp: 89076
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.271 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 62 Resp: 91503
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 18.990 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

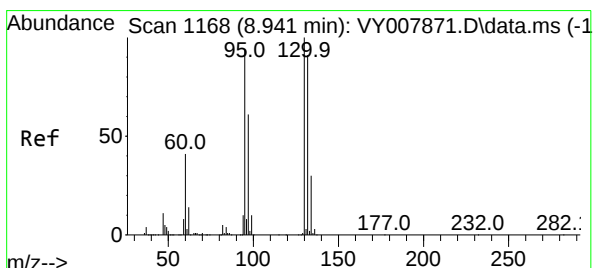
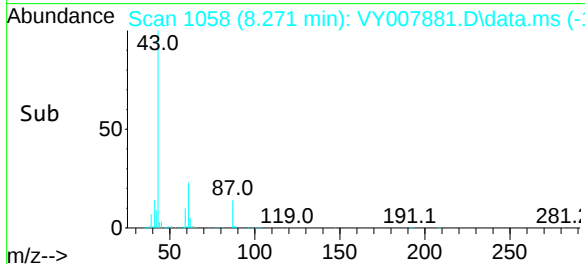
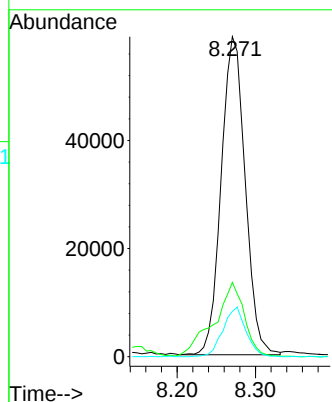
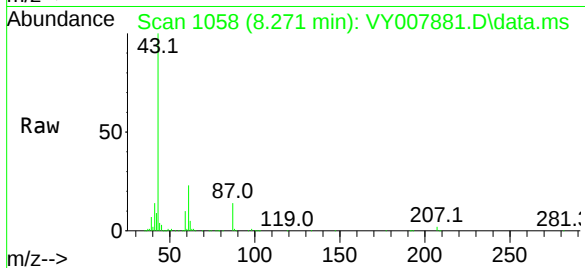
Tgt Ion: 43 Resp: 125366

Ion Ratio Lower Upper

43 100

61 29.8 20.2 30.2

87 14.9 8.9 13.3#



#44

Trichloroethene

Concen: 18.867 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY007881.D

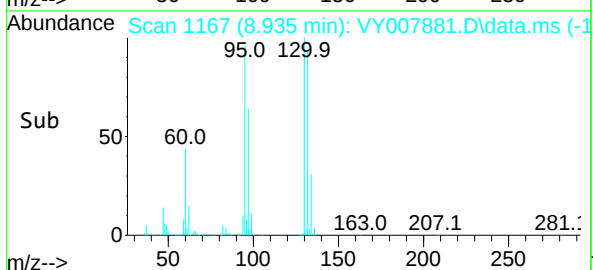
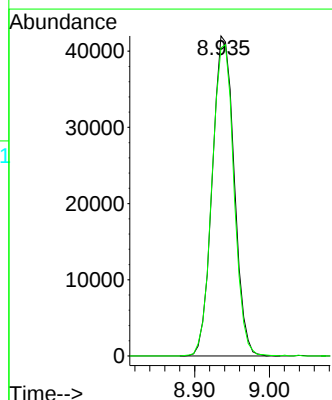
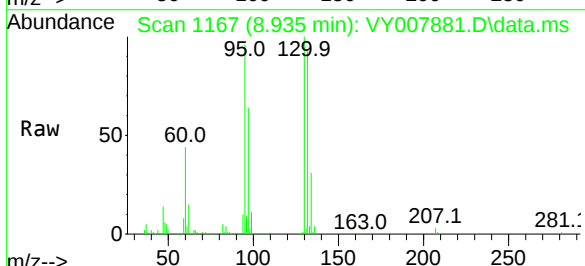
Acq: 17 Mar 2022 17:52

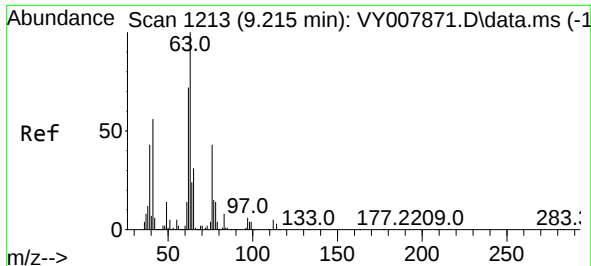
Tgt Ion:130 Resp: 85556

Ion Ratio Lower Upper

130 100

95 96.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.000 ug/l

RT: 9.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

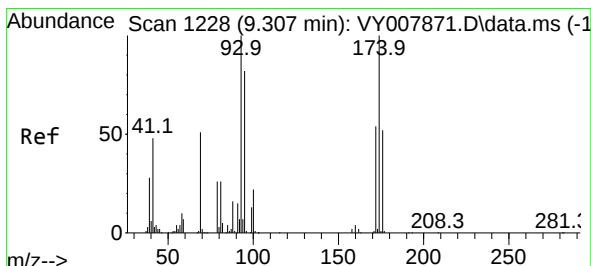
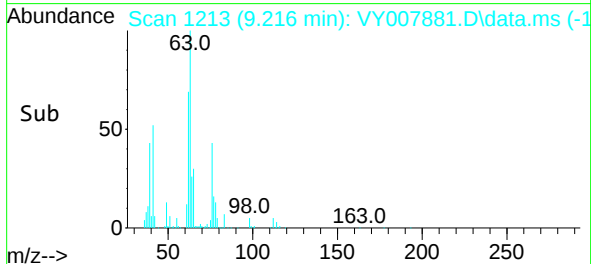
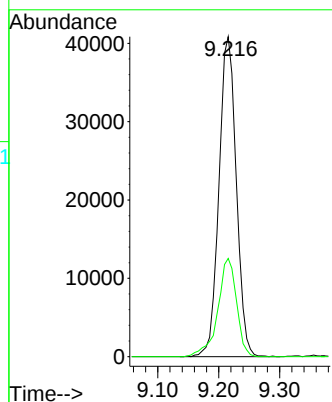
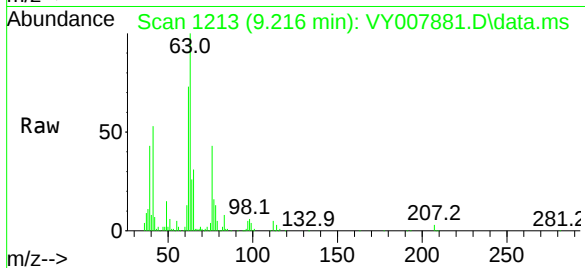
VY0317SBS01

Tgt Ion: 63 Resp: 80681

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 19.120 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

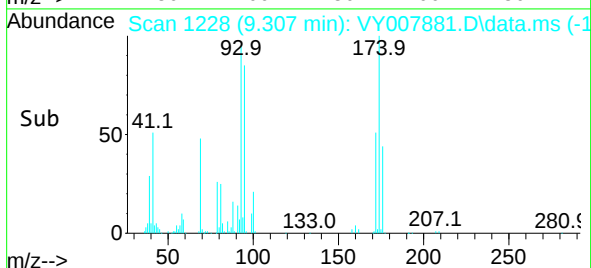
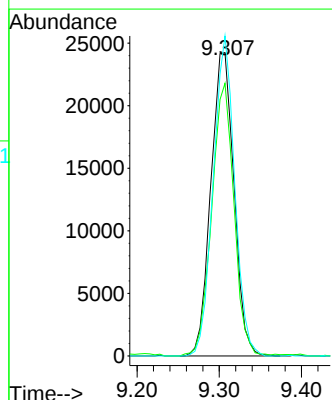
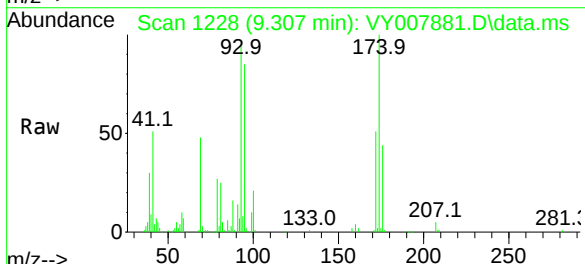
Tgt Ion: 93 Resp: 47496

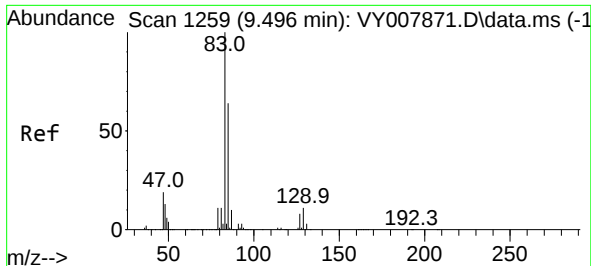
Ion Ratio Lower Upper

93 100

95 86.2 64.3 96.5

174 97.8 83.4 125.0

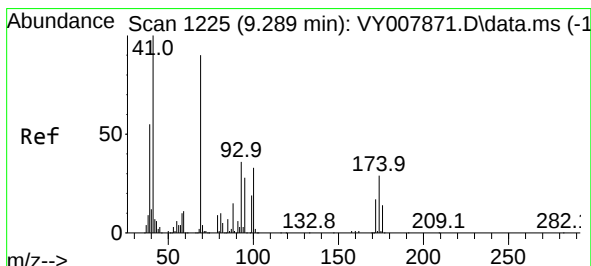
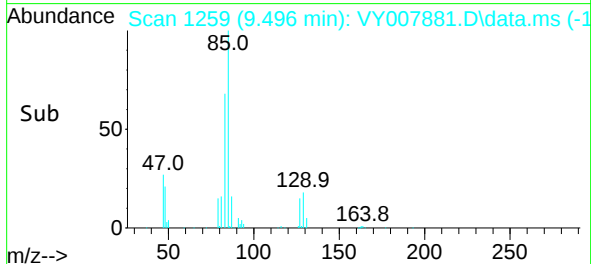
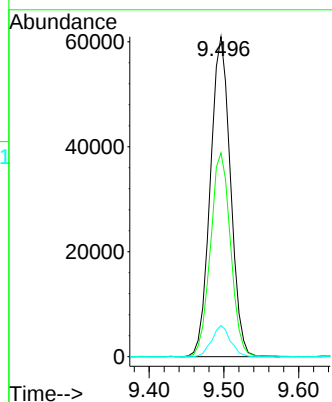
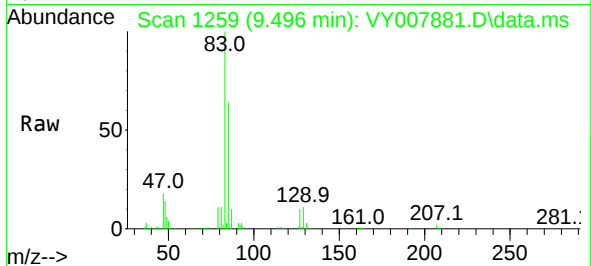




#47
Bromodichloromethane
Concen: 18.990 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

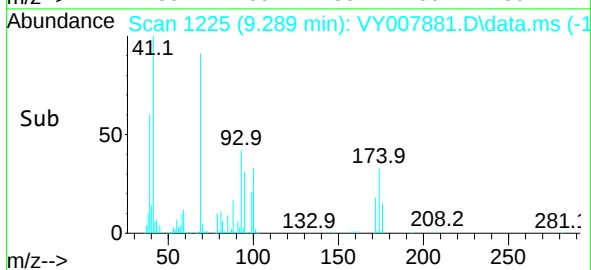
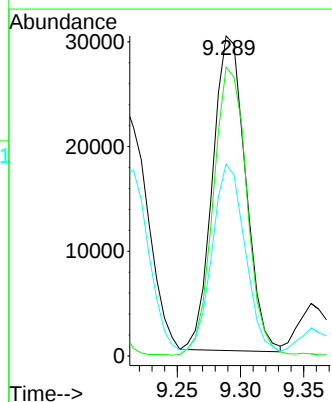
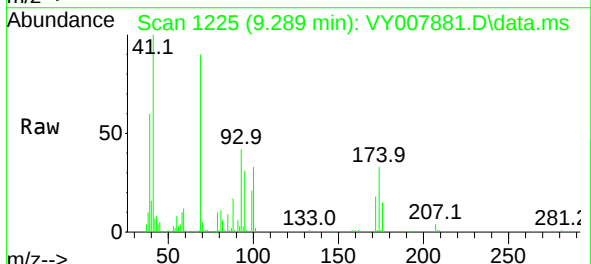
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

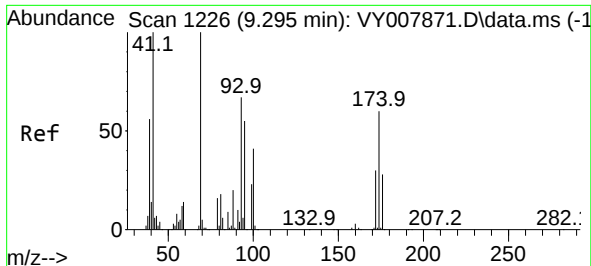
Tgt Ion: 83 Resp: 113965
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 18.537 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 41 Resp: 54437
Ion Ratio Lower Upper
41 100
69 93.0 58.2 87.2#
39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 395.184 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

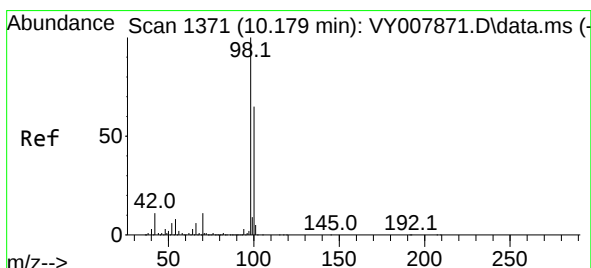
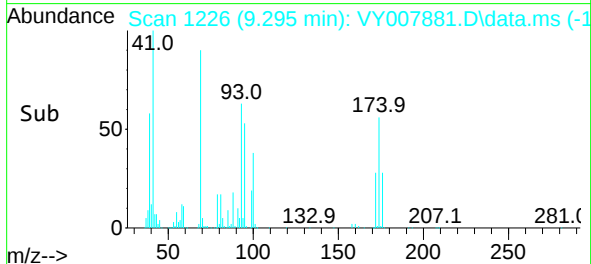
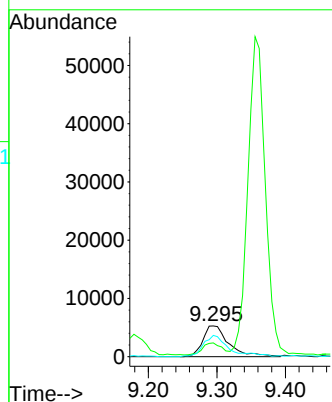
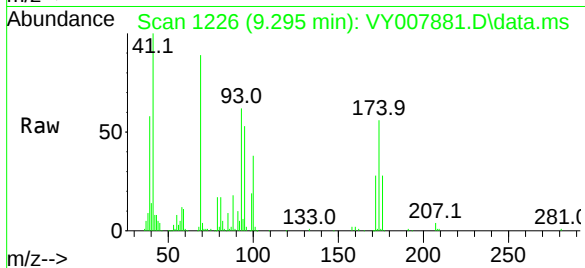
Tgt Ion: 88 Resp: 13903

Ion Ratio Lower Upper

88 100

43 30.7 32.8 49.2#

58 69.2 59.8 89.6



#50

Toluene-d8

Concen: 45.702 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007881.D

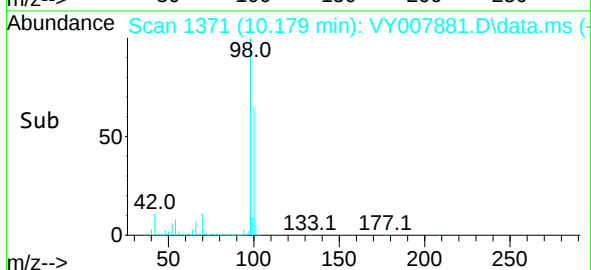
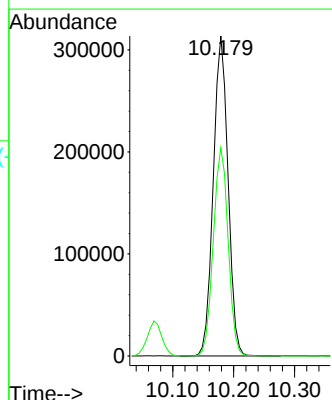
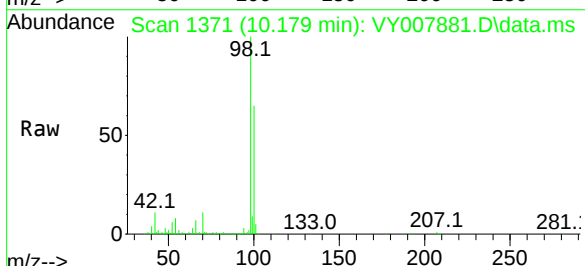
Acq: 17 Mar 2022 17:52

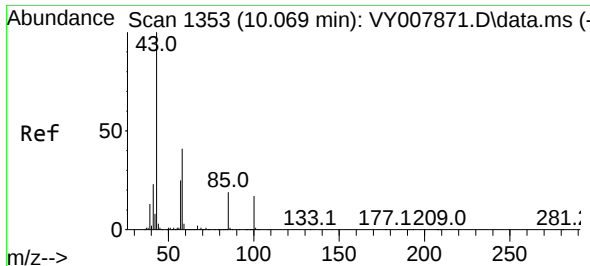
Tgt Ion: 98 Resp: 527481

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

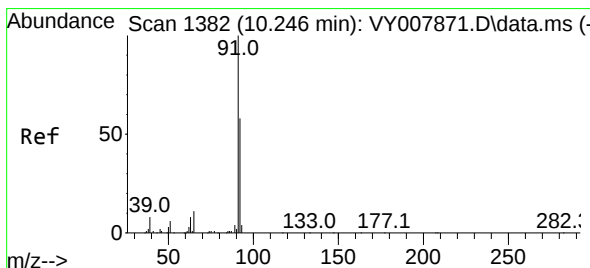
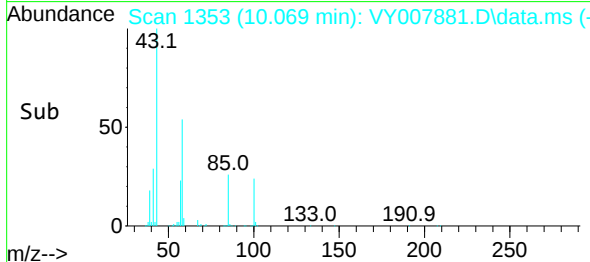
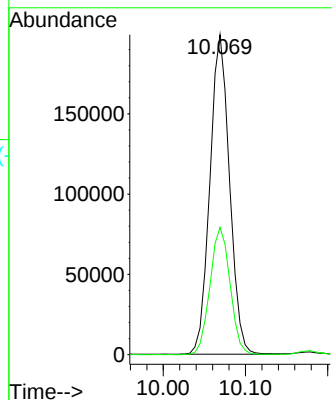
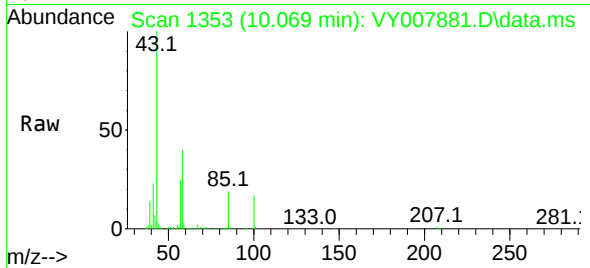




#51
4-Methyl-2-Pentanone
Concen: 94.787 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

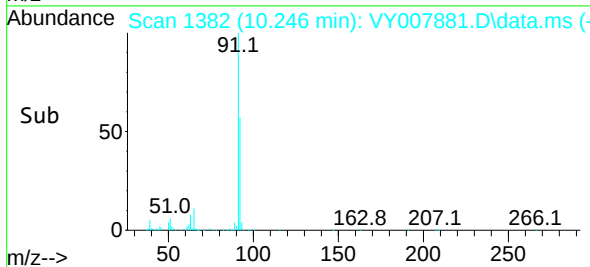
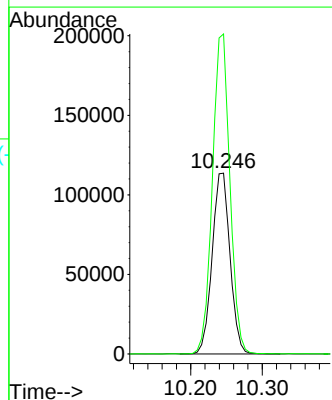
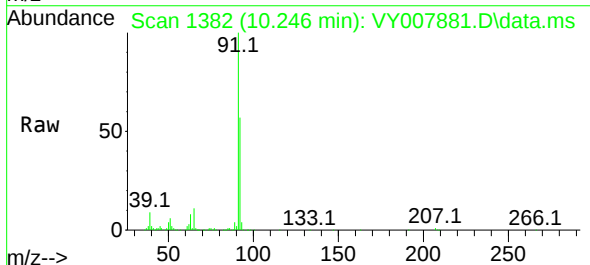
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

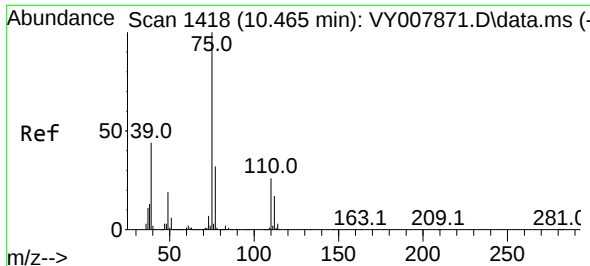
Tgt Ion: 43 Resp: 329683
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1



#52
Toluene
Concen: 18.723 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 92 Resp: 197189
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8

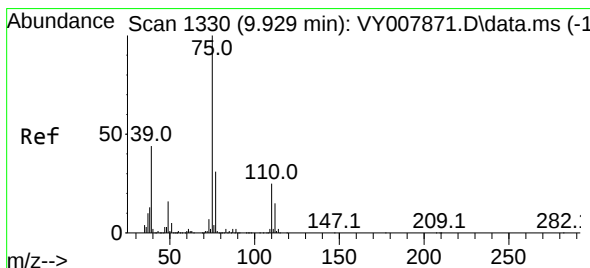
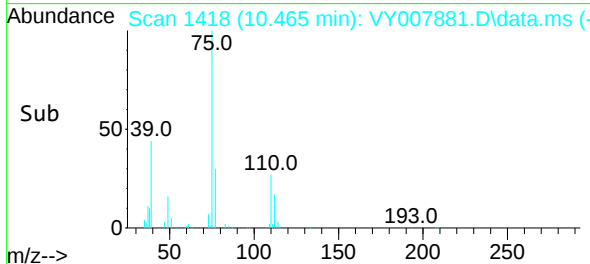
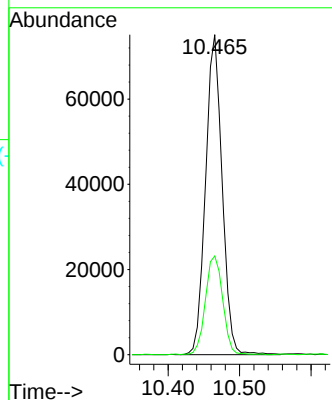
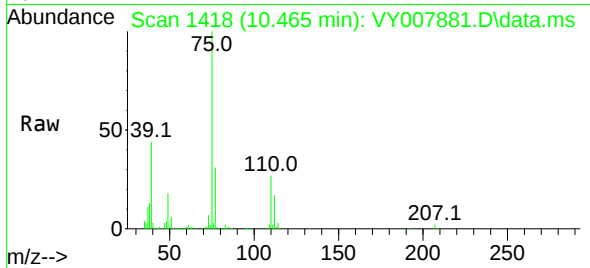




#53
t-1,3-Dichloropropene
Concen: 18.886 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

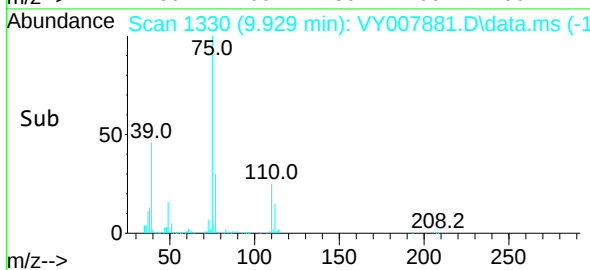
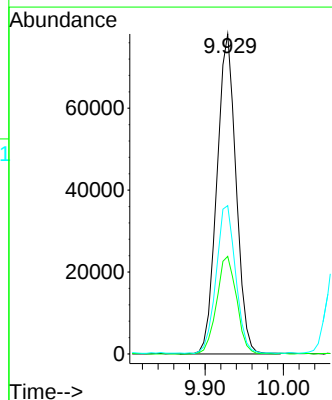
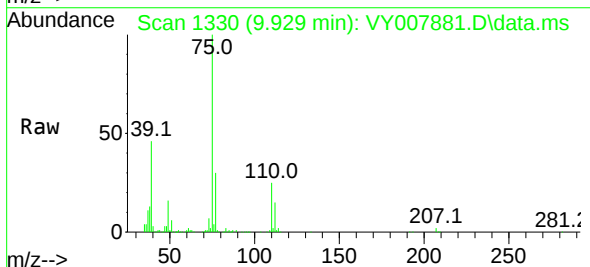
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

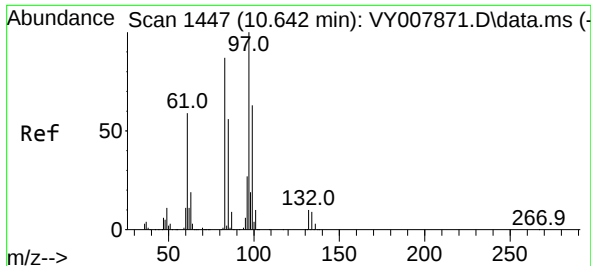
Tgt Ion: 75 Resp: 120908
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.573 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 75 Resp: 132592
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 46.1 47.6 71.4#

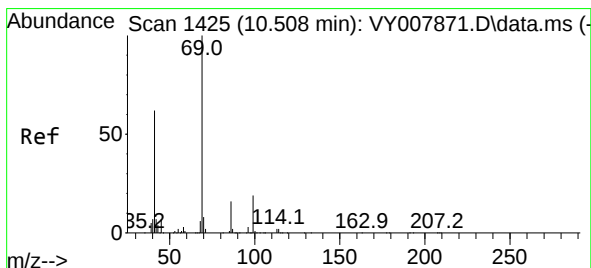
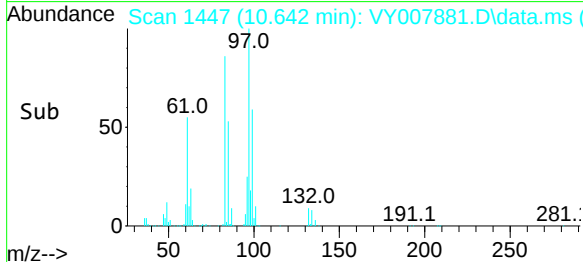
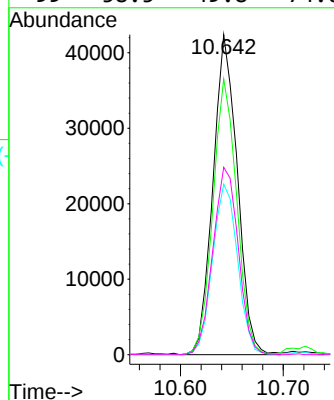
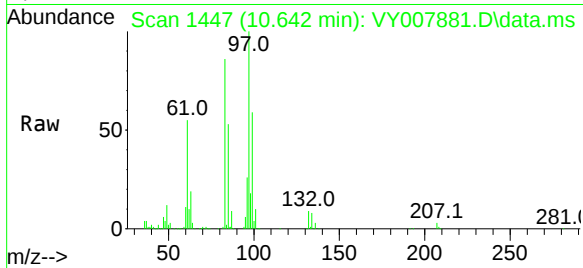




#55
1,1,2-Trichloroethane
Concen: 19.295 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

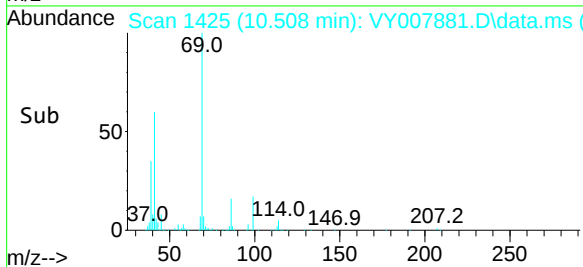
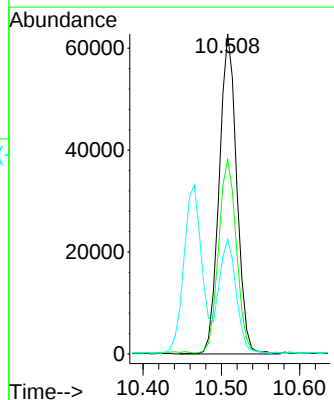
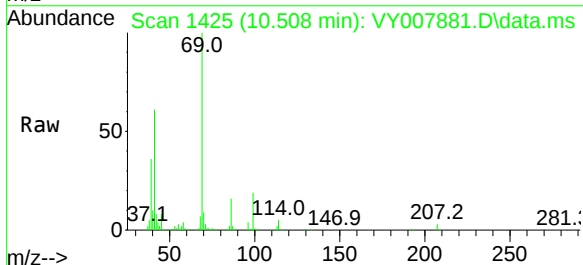
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

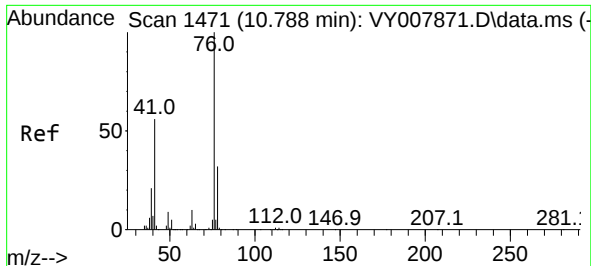
Tgt Ion:	97	Resp:	69636
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.8	104.8
85	53.3	44.3	66.5
99	58.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 18.896 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:	69	Resp:	97903
Ion	Ratio	Lower	Upper
69	100		
41	61.7	63.4	95.0#
39	33.5	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 18.988 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

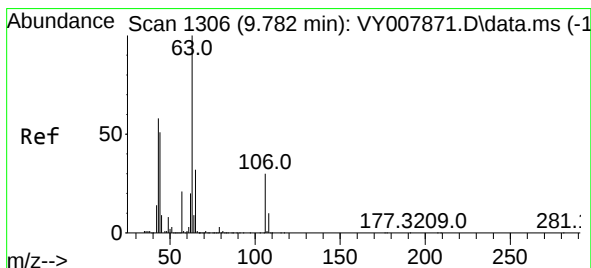
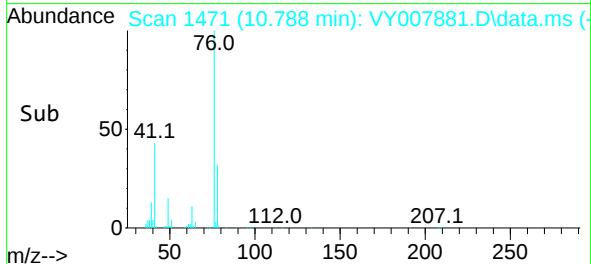
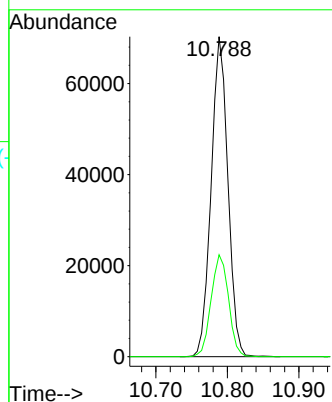
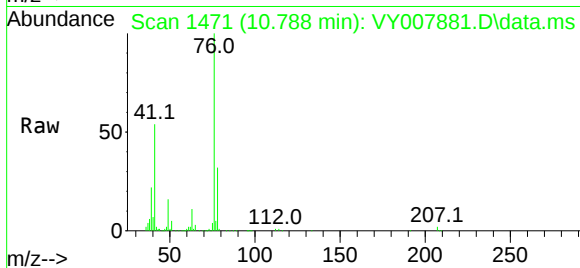
VY0317SBS01

Tgt Ion: 76 Resp: 114276

Ion Ratio Lower Upper

76 100

78 33.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.640 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007881.D

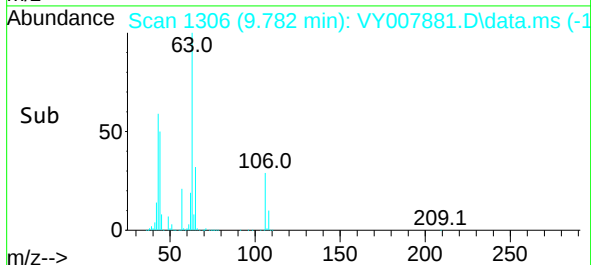
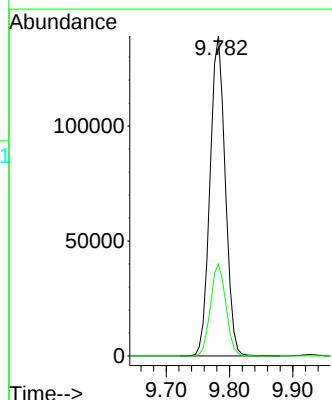
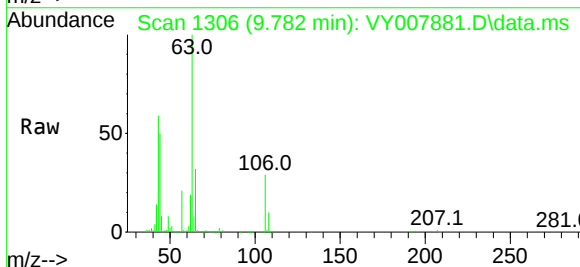
Acq: 17 Mar 2022 17:52

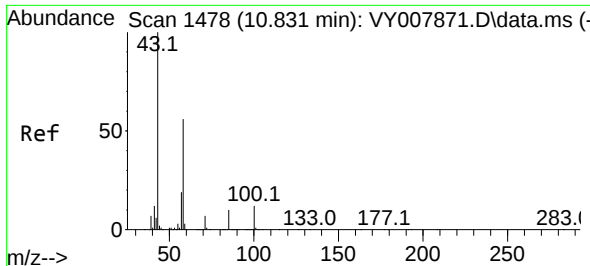
Tgt Ion: 63 Resp: 232918

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

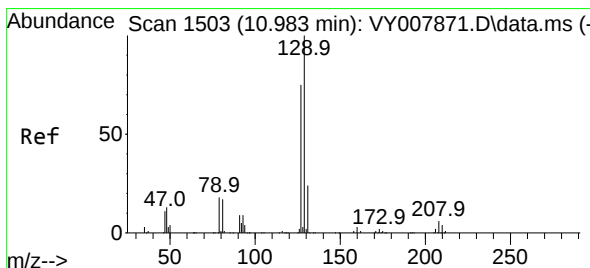
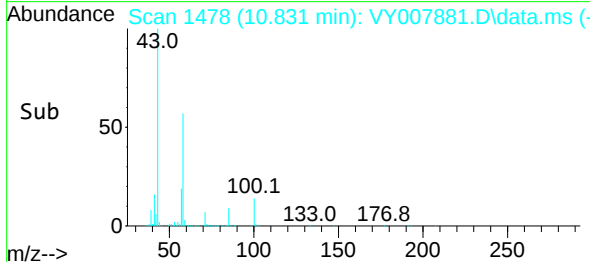
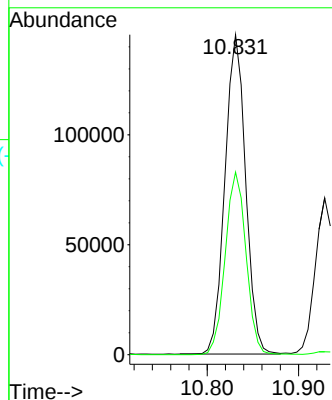
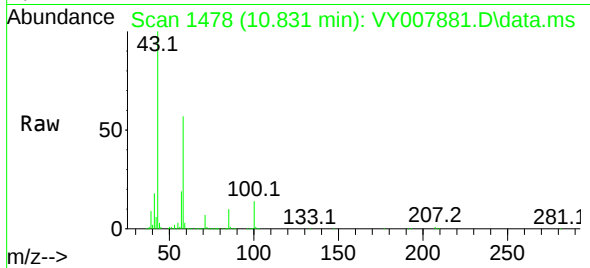




#59
2-Hexanone
Concen: 91.775 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

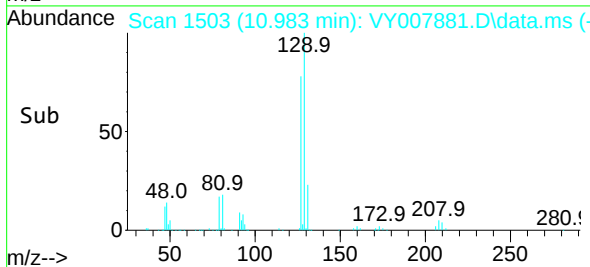
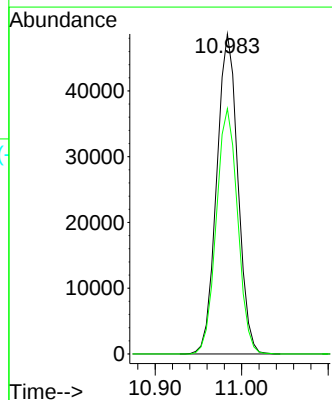
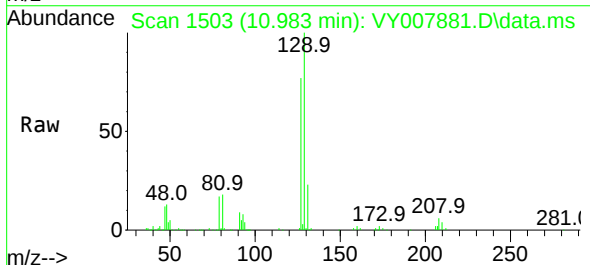
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

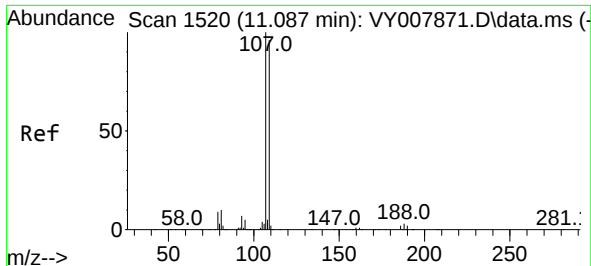
Tgt Ion: 43 Resp: 228268
Ion Ratio Lower Upper
43 100
58 57.5 24.4 73.4



#60
Dibromochloromethane
Concen: 19.090 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 129 Resp: 82517
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

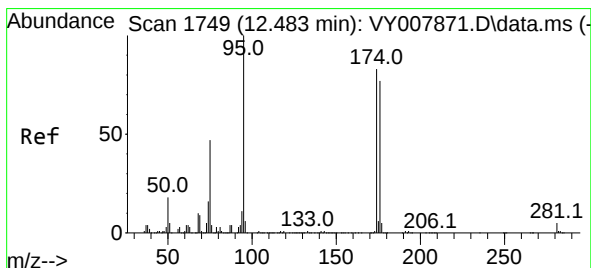
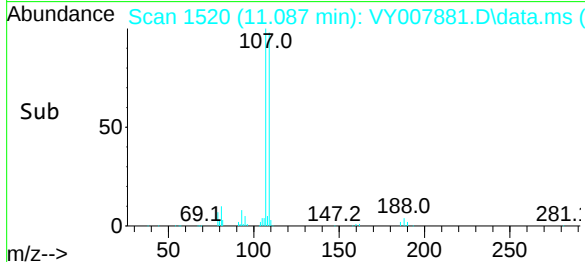
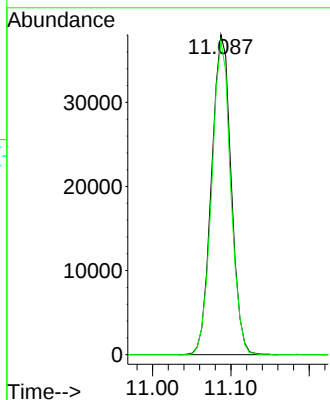
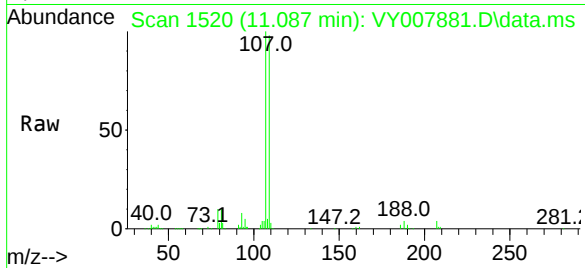




#61
1,2-Dibromoethane
Concen: 18.944 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

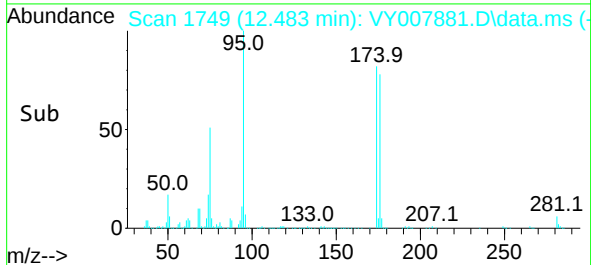
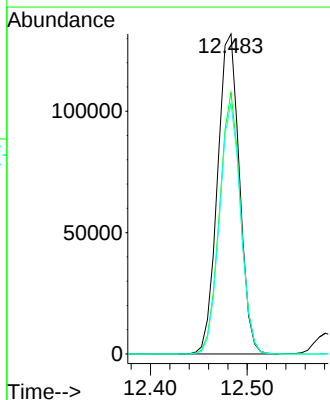
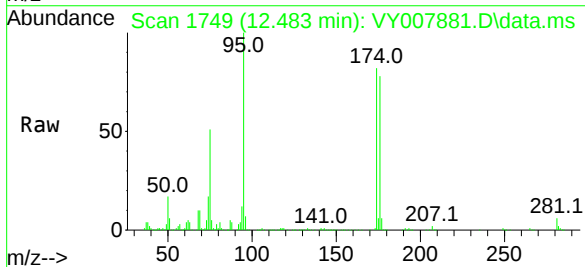
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

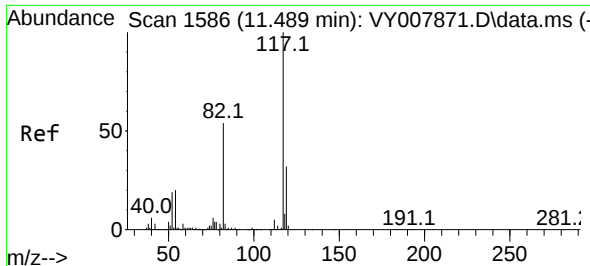
Tgt Ion:107 Resp: 66143
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 38.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 95 Resp: 207164
Ion Ratio Lower Upper
95 100
174 78.5 0.0 177.0
176 75.8 0.0 175.8

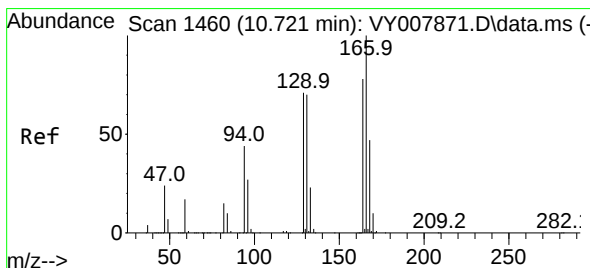
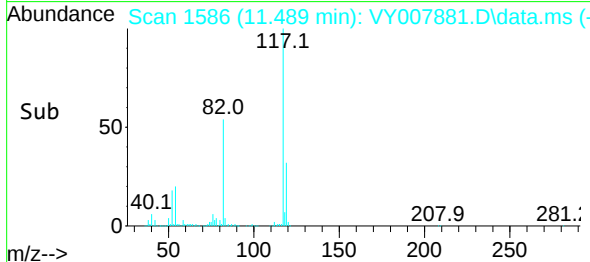
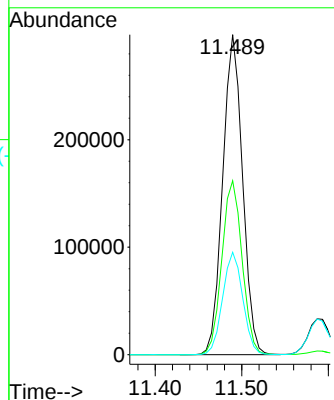
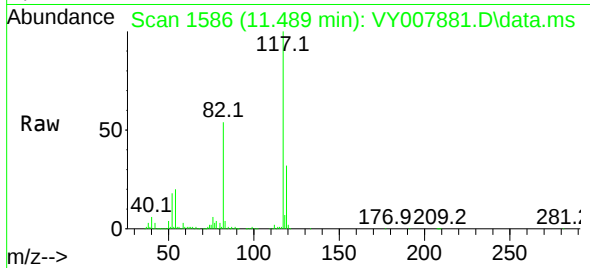




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

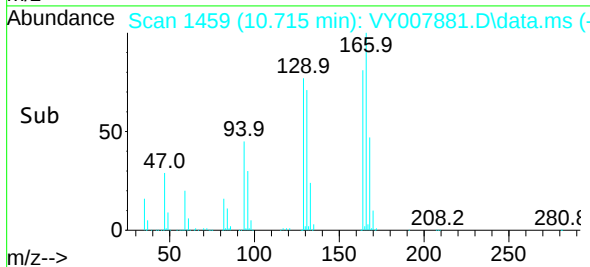
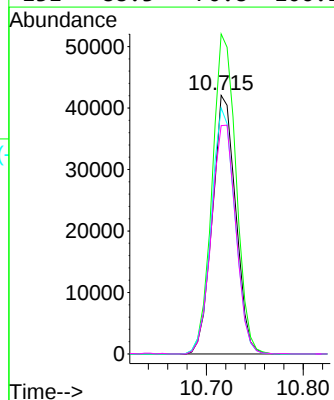
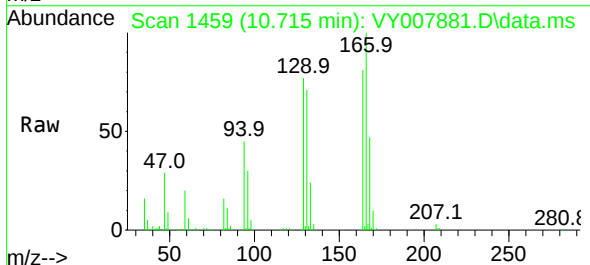
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

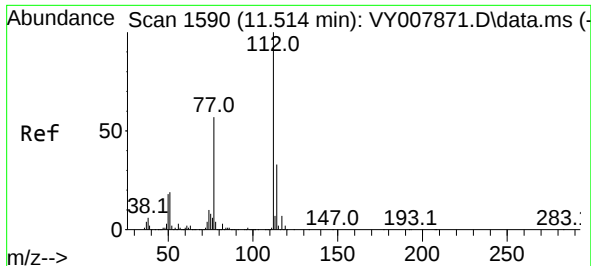
Tgt Ion:117 Resp: 474668
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 19.027 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:164 Resp: 70279
Ion Ratio Lower Upper
164 100
166 123.7 100.4 150.6
129 95.1 71.4 107.0
131 88.3 70.8 106.2

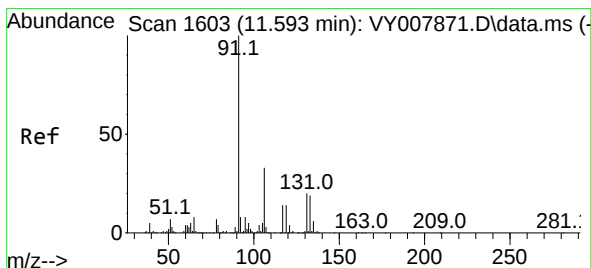
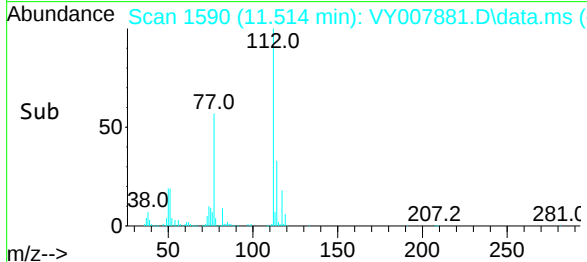
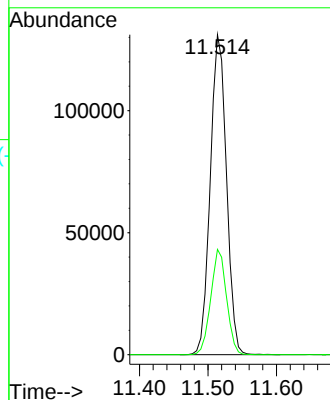
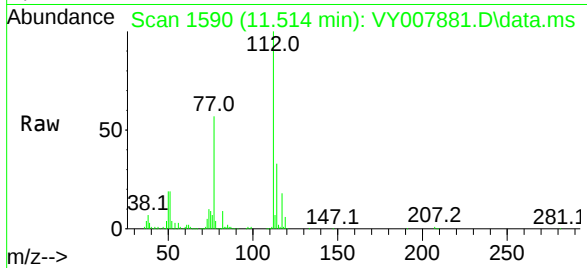




#65
Chlorobenzene
Concen: 18.949 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

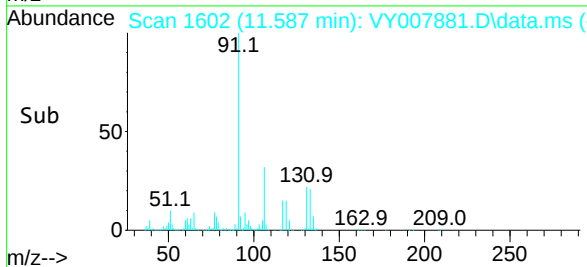
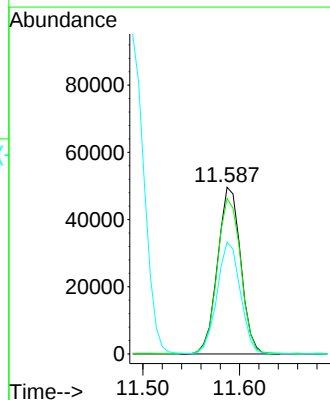
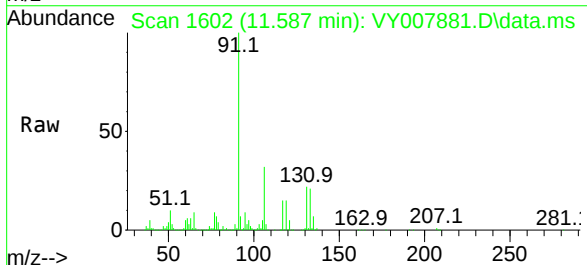
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

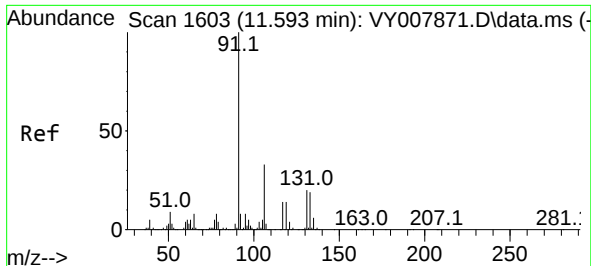
Tgt Ion:112 Resp: 215458
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.242 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:131 Resp: 82378
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 67.8 30.8 92.3





#67

Ethyl Benzene

Concen: 18.955 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

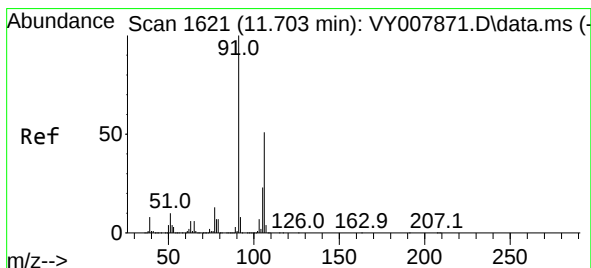
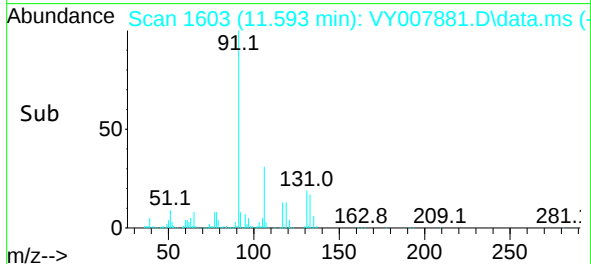
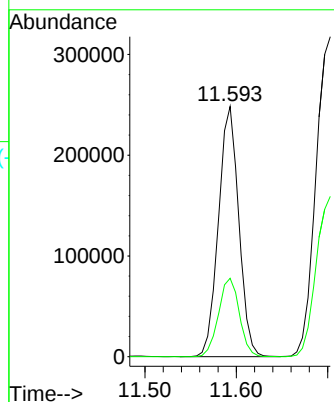
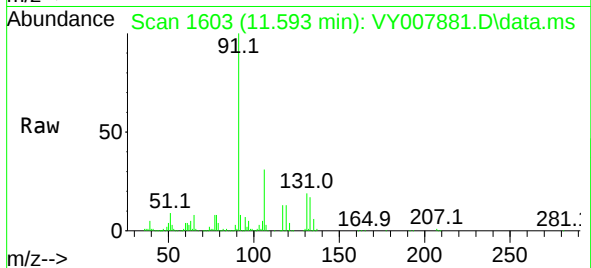
VY0317SBS01

Tgt Ion: 91 Resp: 383935

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 37.769 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007881.D

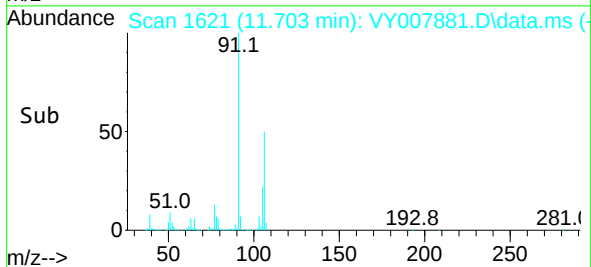
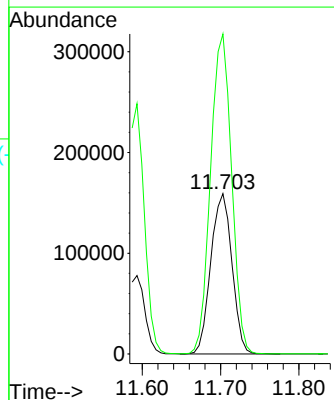
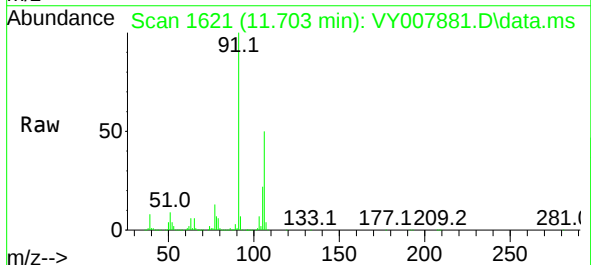
Acq: 17 Mar 2022 17:52

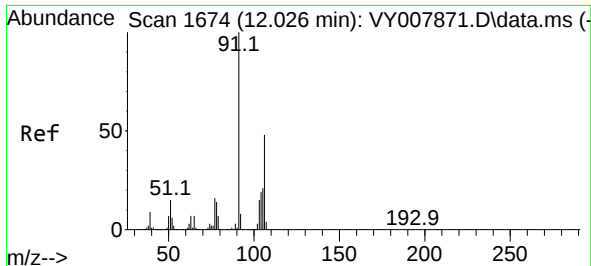
Tgt Ion:106 Resp: 298411

Ion Ratio Lower Upper

106 100

91 198.7 166.6 249.8

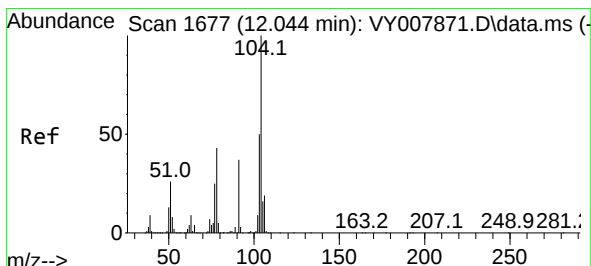
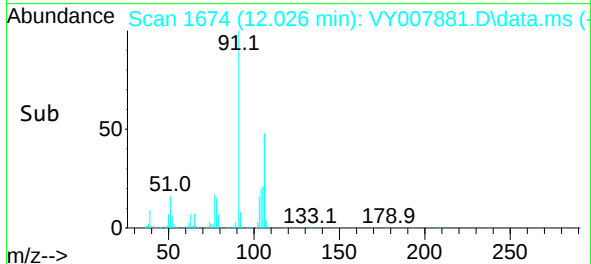
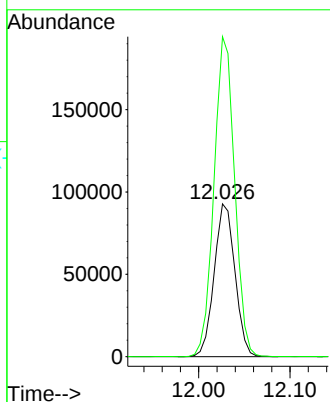
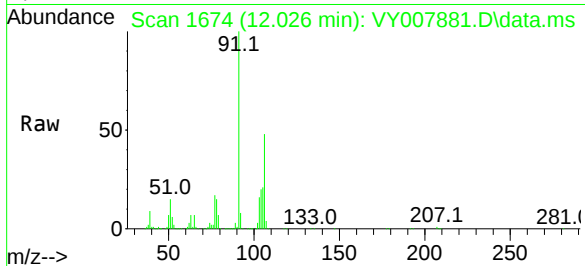




#69
o-Xylene
Concen: 19.203 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

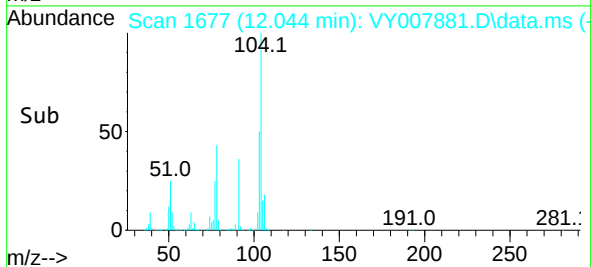
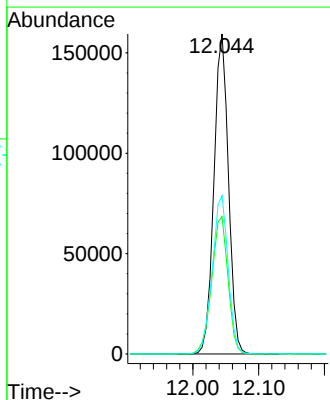
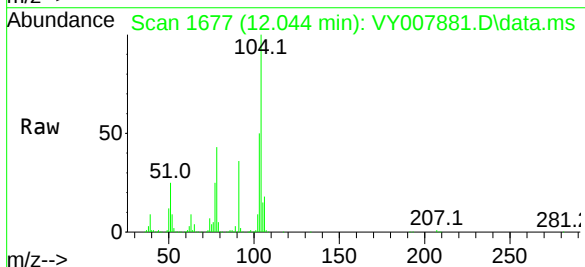
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

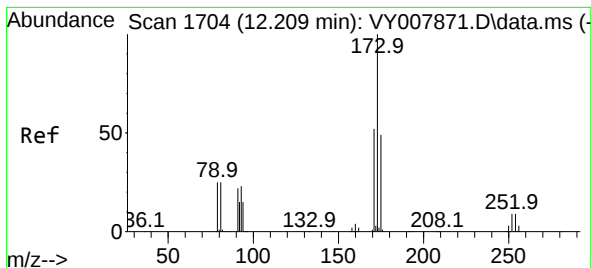
Tgt Ion:106 Resp: 146756
Ion Ratio Lower Upper
106 100
91 207.6 110.3 331.0



#70
Styrene
Concen: 19.089 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:104 Resp: 245273
Ion Ratio Lower Upper
104 100
78 48.1 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 18.991 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

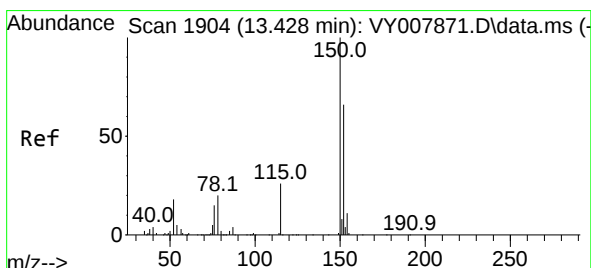
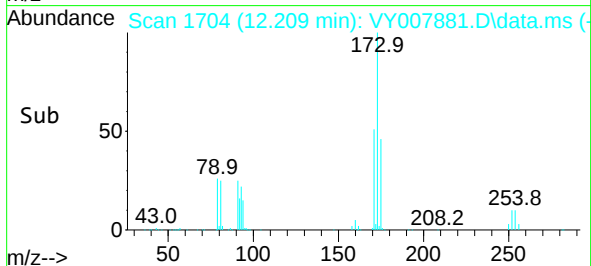
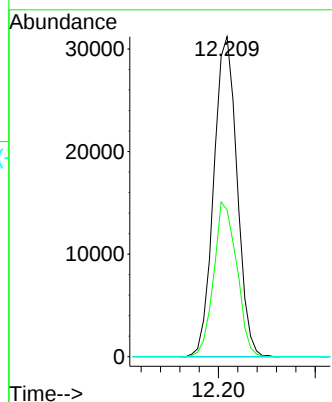
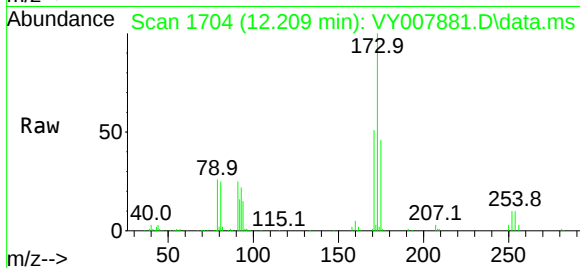
Tgt Ion:173 Resp: 52075

Ion Ratio Lower Upper

173 100

175 47.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

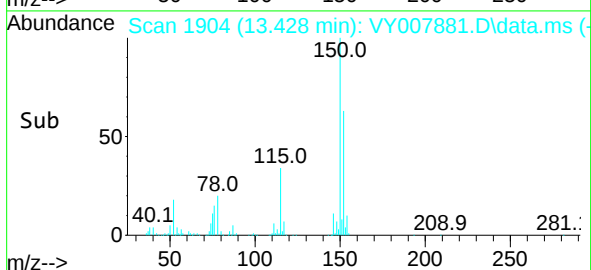
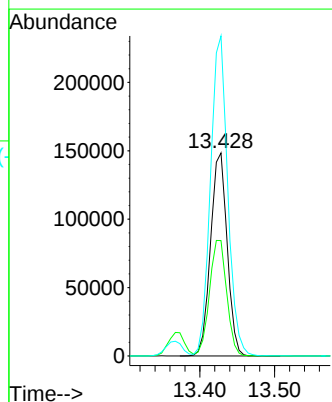
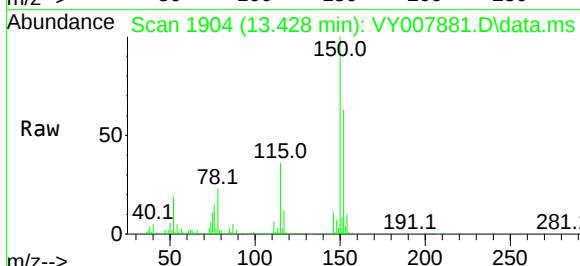
Tgt Ion:152 Resp: 229536

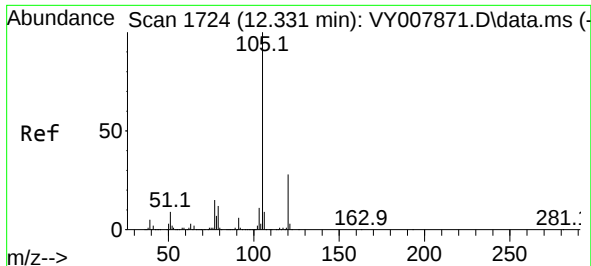
Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 163.5 0.0 347.6

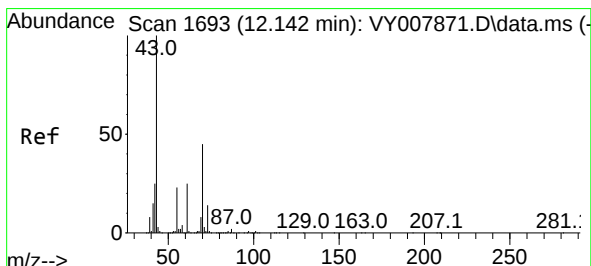
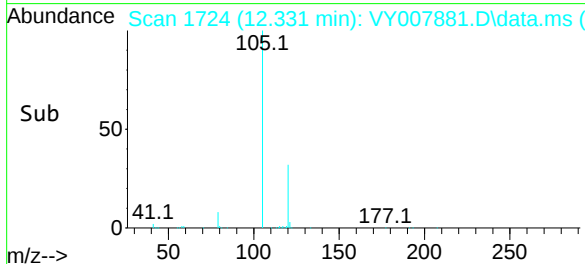
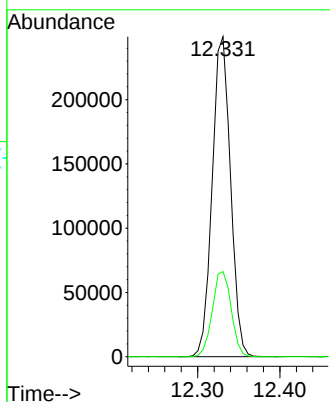
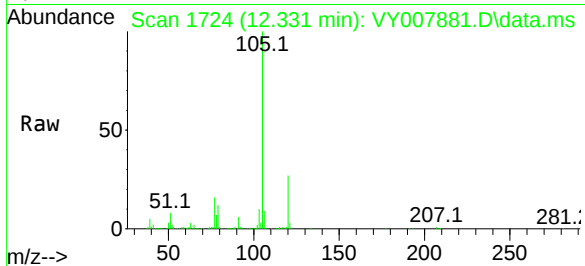




#73
Isopropylbenzene
Concen: 19.056 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

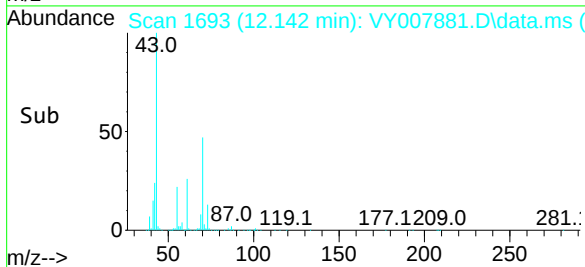
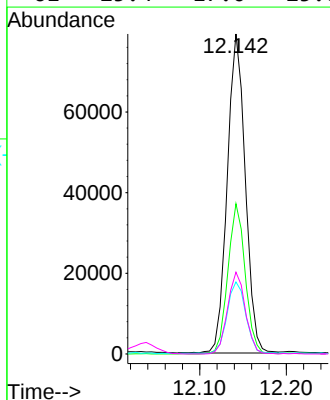
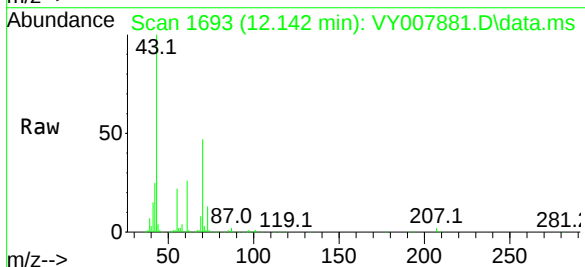
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

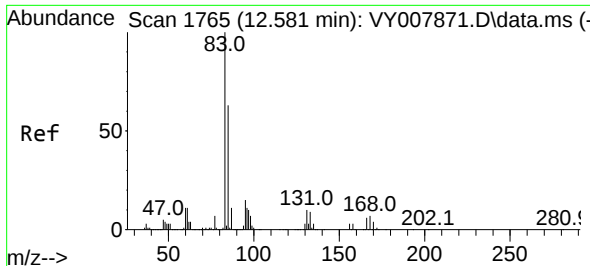
Tgt Ion:105 Resp: 385003
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#74
N-ethyl acetate
Concen: 19.193 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 43 Resp: 114405
Ion Ratio Lower Upper
43 100
70 45.3 28.7 43.1#
55 23.2 17.3 25.9
61 25.4 17.0 25.6

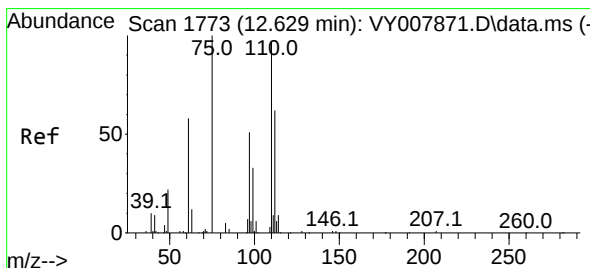
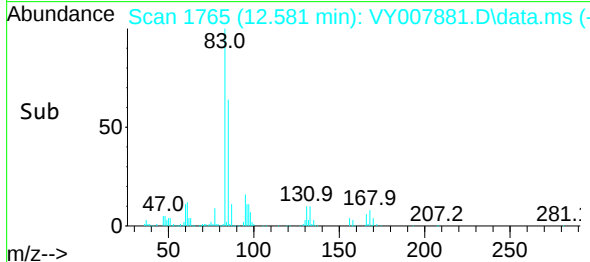
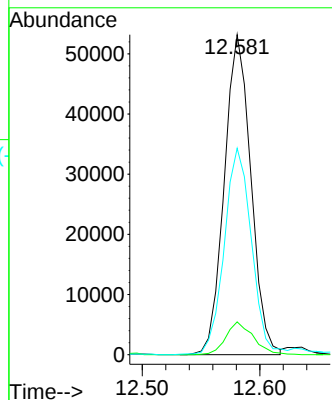
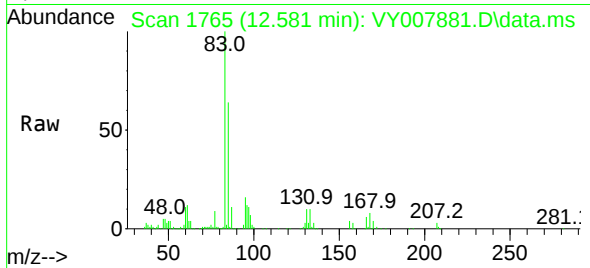




#75
1,1,2,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

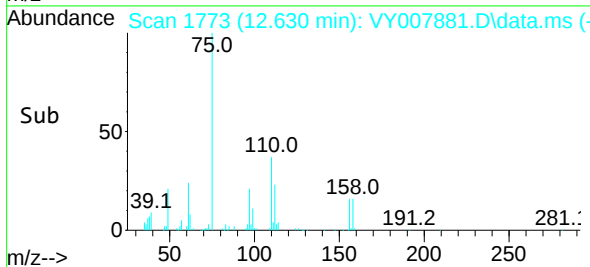
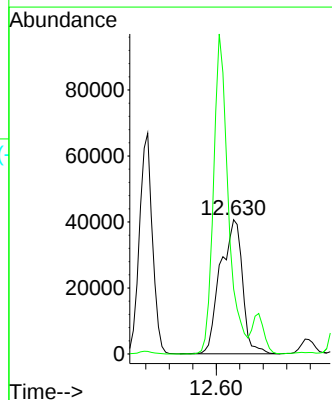
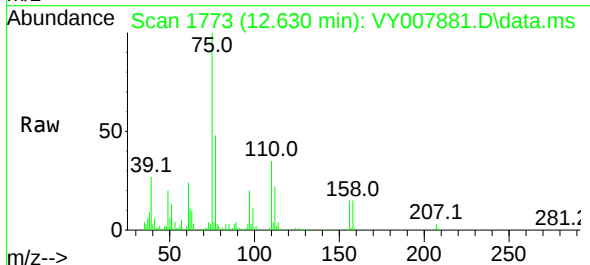
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

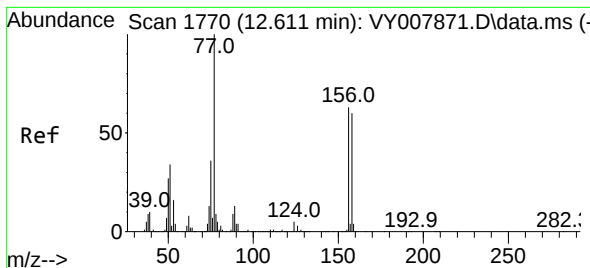
Tgt Ion: 83 Resp: 83596
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 66.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 32.462 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 75 Resp: 106204
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.280 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

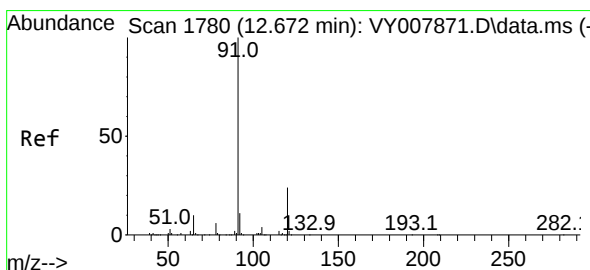
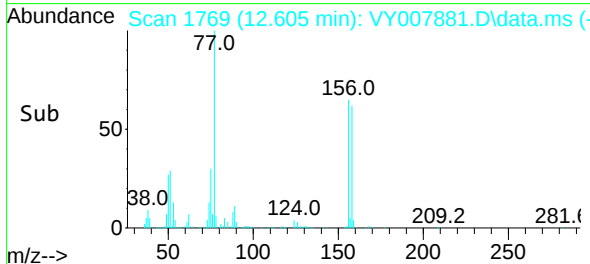
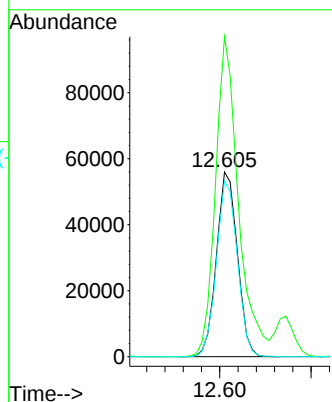
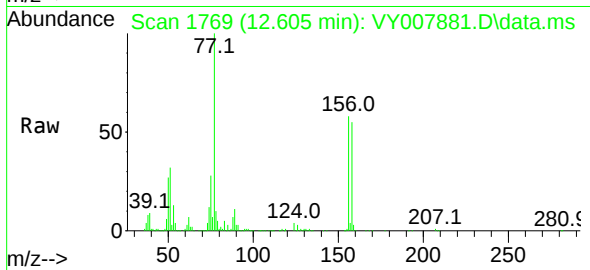
Tgt Ion:156 Resp: 89013

Ion Ratio Lower Upper

156 100

77 190.4 95.5 286.4

158 94.9 48.0 144.0



#78

n-propylbenzene

Concen: 18.728 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007881.D

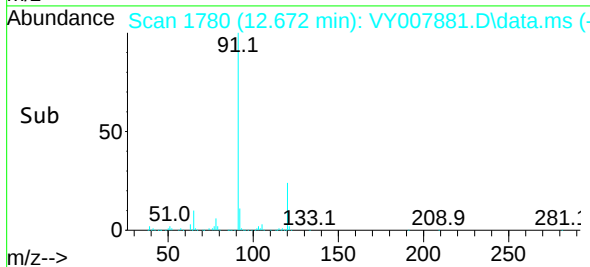
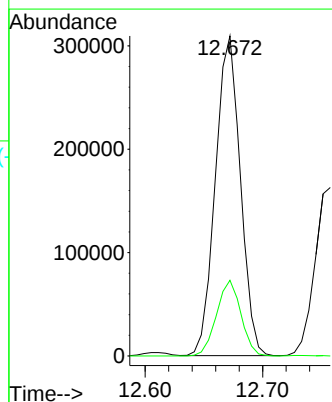
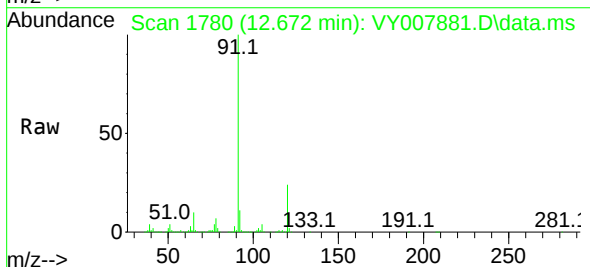
Acq: 17 Mar 2022 17:52

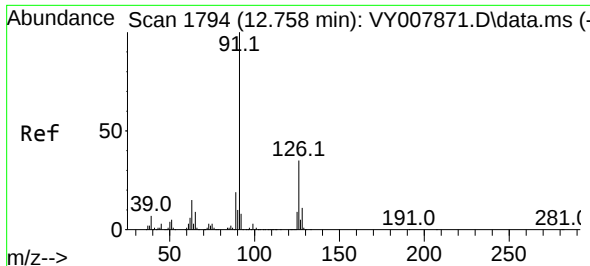
Tgt Ion: 91 Resp: 456919

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

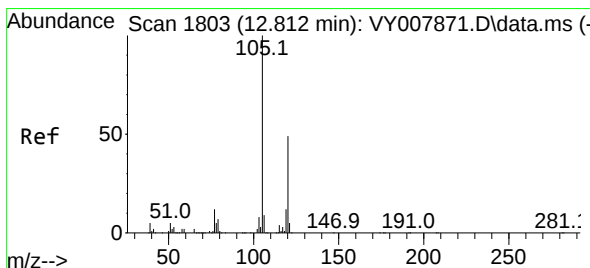
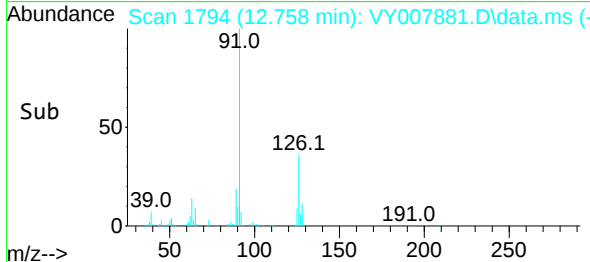
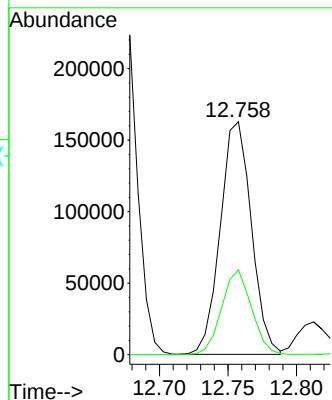
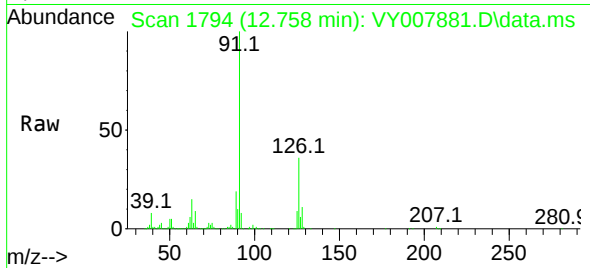




#79
2-Chlorotoluene
Concen: 18.710 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

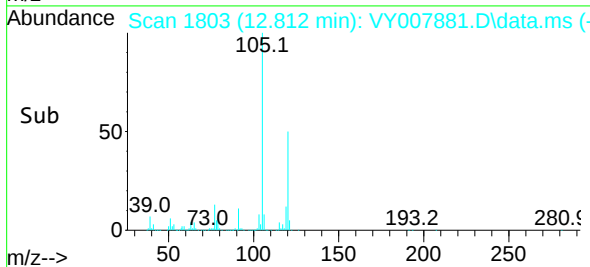
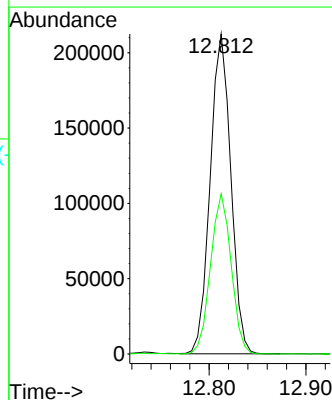
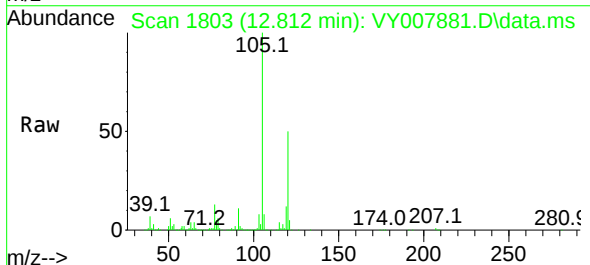
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

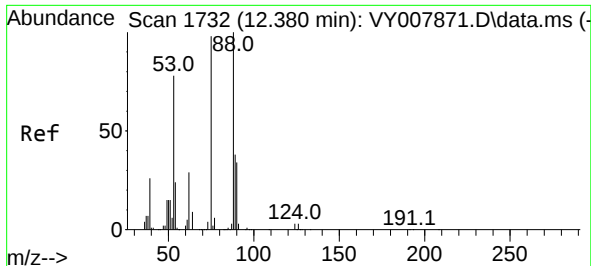
Tgt Ion: 91 Resp: 256814
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 18.982 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 105 Resp: 315394
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

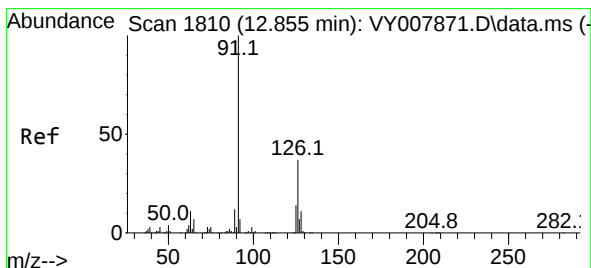
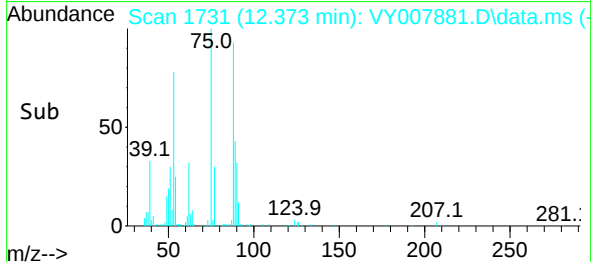
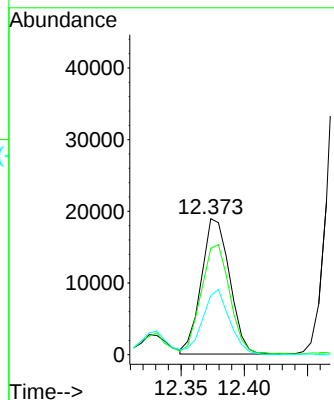
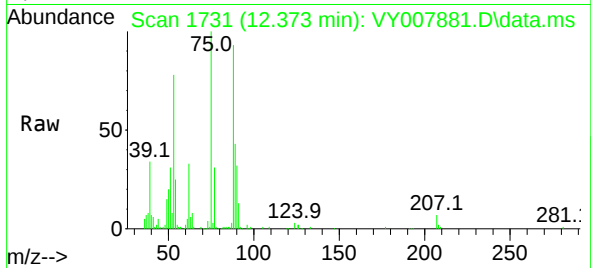




#81
trans-1,4-Dichloro-2-butene
Concen: 18.936 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

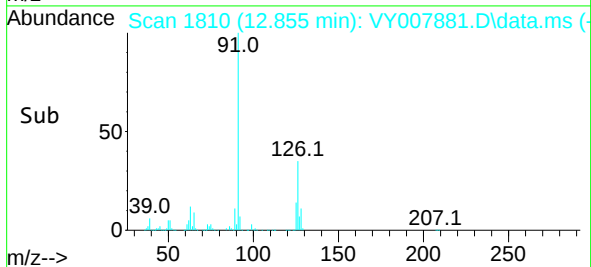
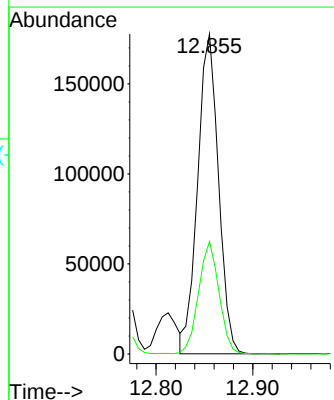
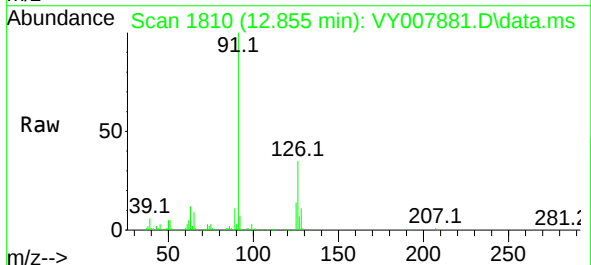
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

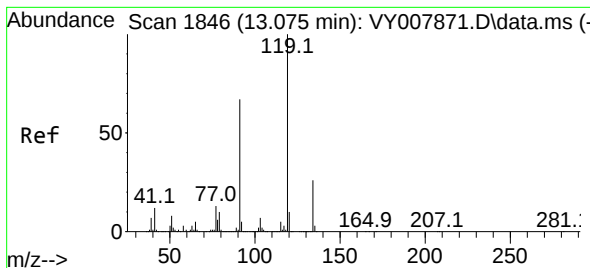
Tgt Ion: 75 Resp: 29496
Ion Ratio Lower Upper
75 100
53 83.6 85.3 127.9#
89 45.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 18.623 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 91 Resp: 265559
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.067 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

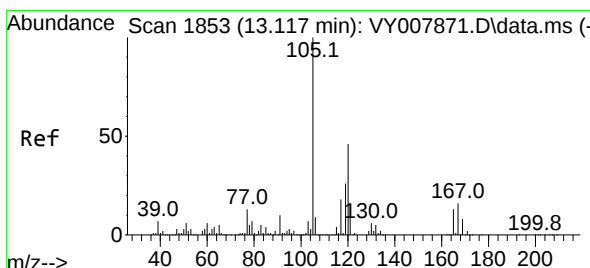
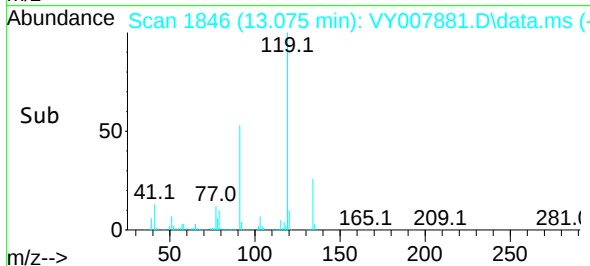
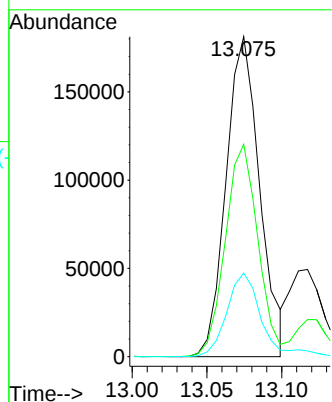
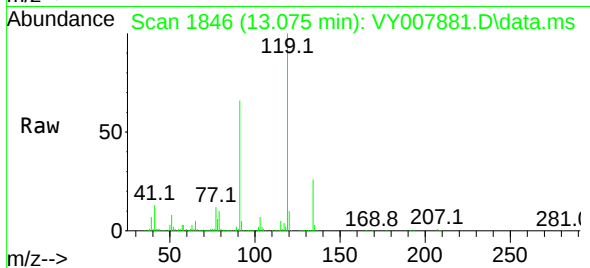
Tgt Ion:119 Resp: 283492

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 18.778 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY007881.D

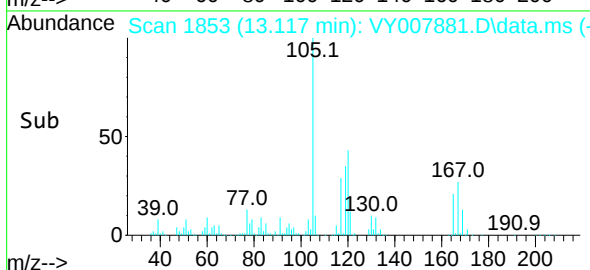
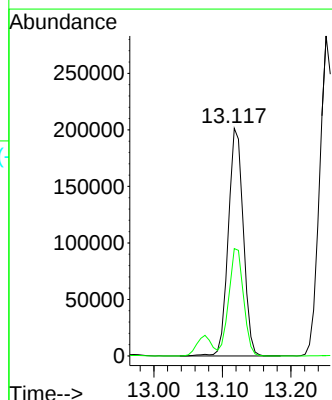
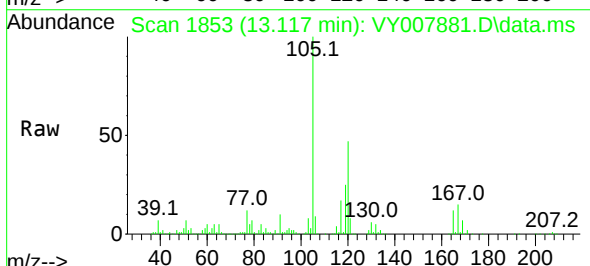
Acq: 17 Mar 2022 17:52

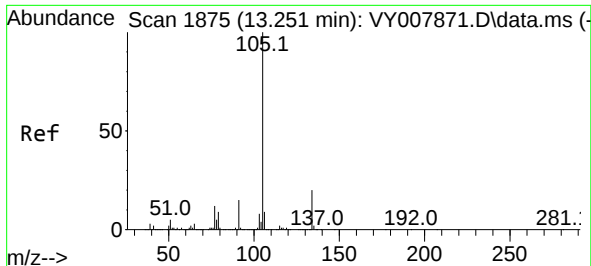
Tgt Ion:105 Resp: 305845

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9

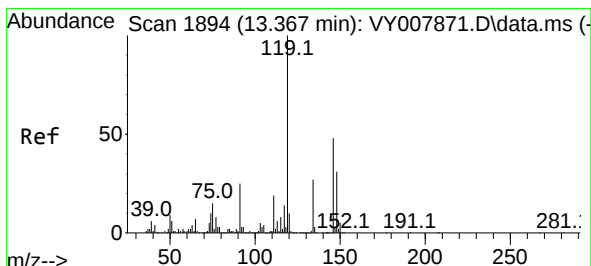
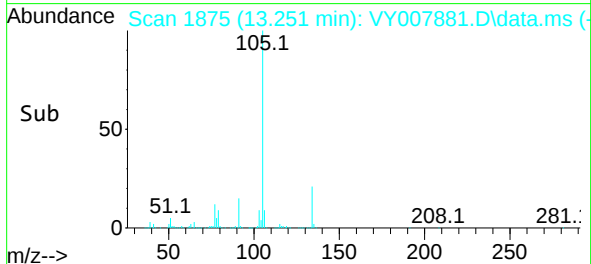
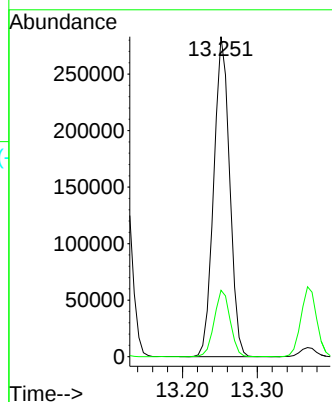
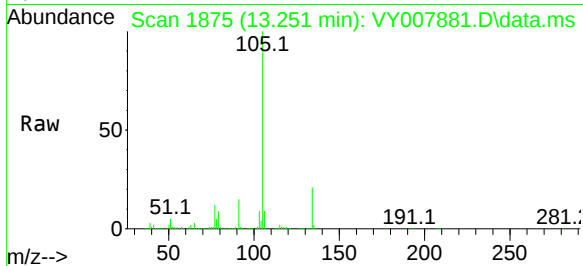




#85
 sec-Butylbenzene
 Concen: 18.819 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

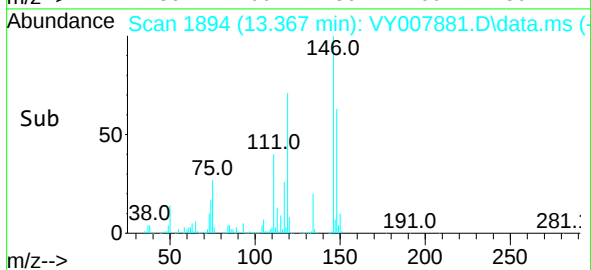
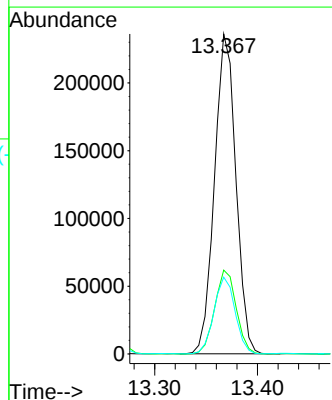
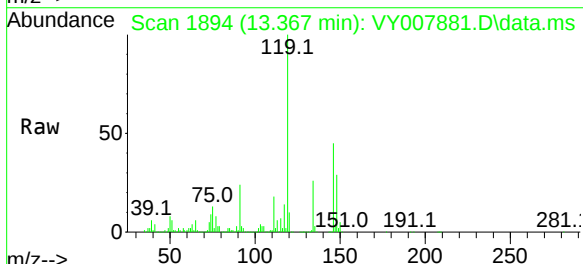
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

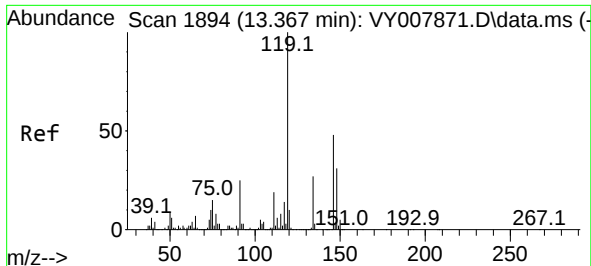
Tgt Ion:105 Resp: 419347
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 18.821 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion:119 Resp: 340459
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.6 12.4 37.2

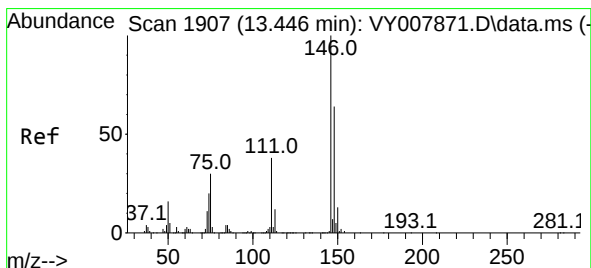
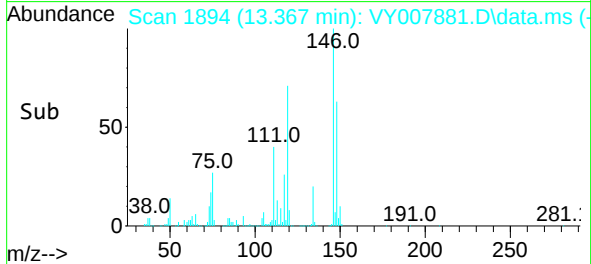
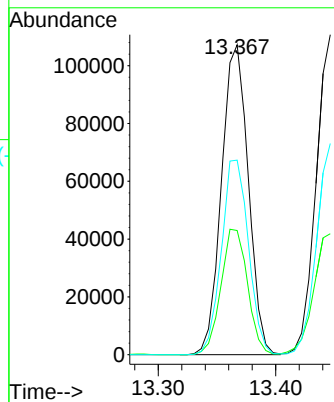
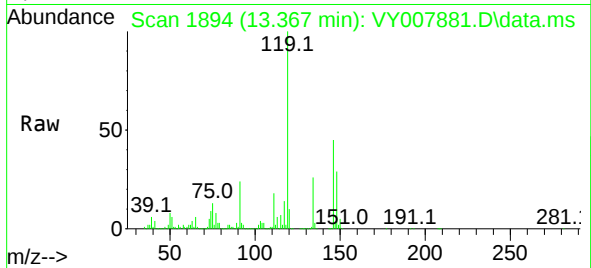




#87
1,3-Dichlorobenzene
Concen: 18.841 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

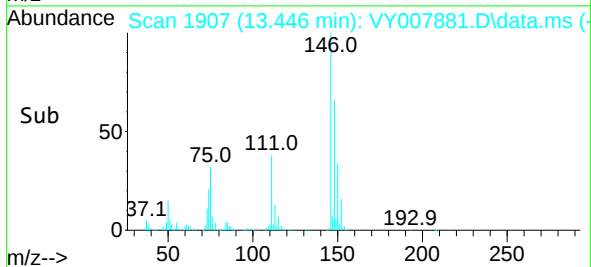
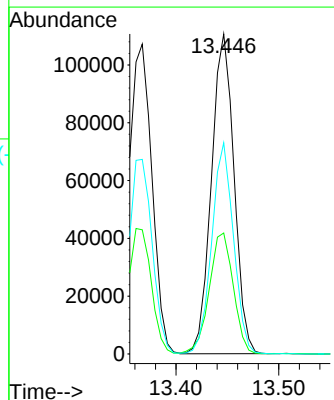
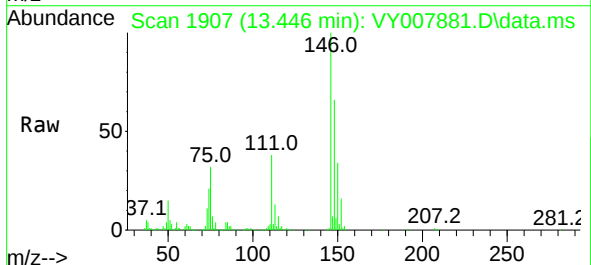
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

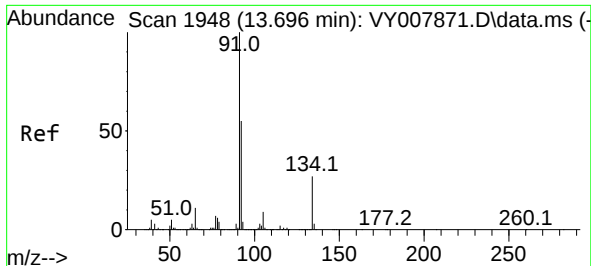
Tgt Ion:146 Resp: 169890
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 18.668 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion:146 Resp: 168707
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.8
148 63.7 32.6 97.8

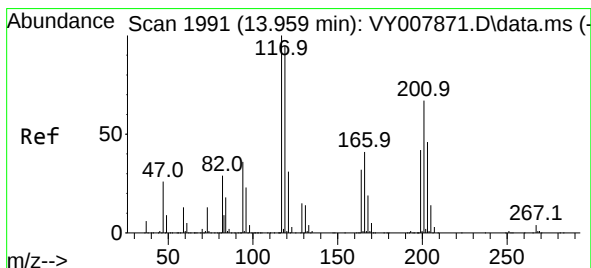
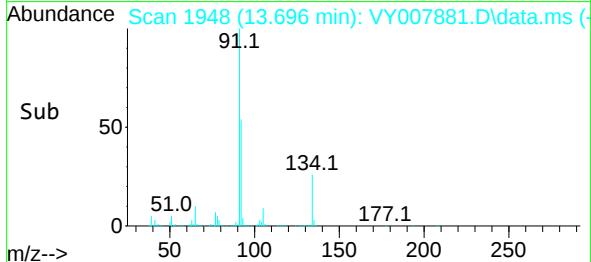
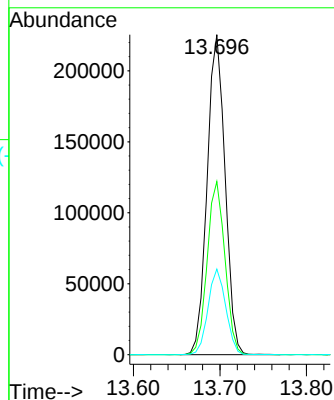
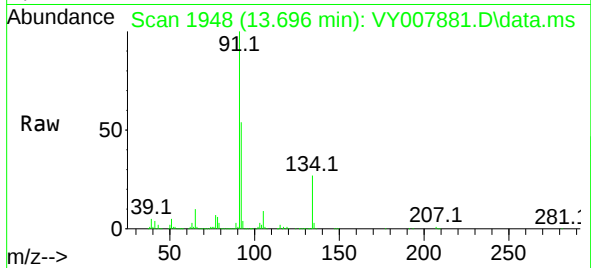




#89
n-Butylbenzene
Concen: 18.692 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

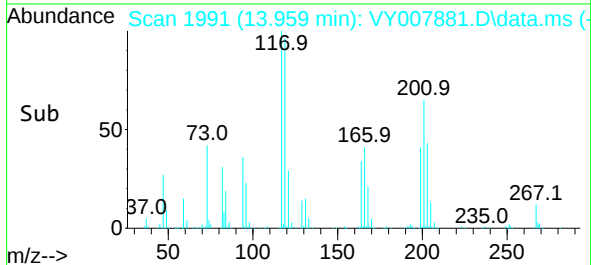
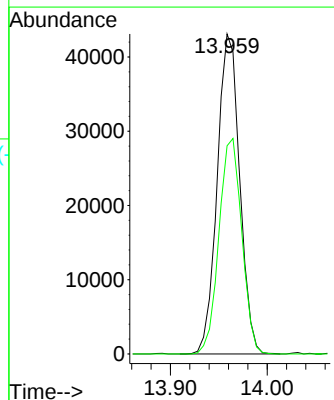
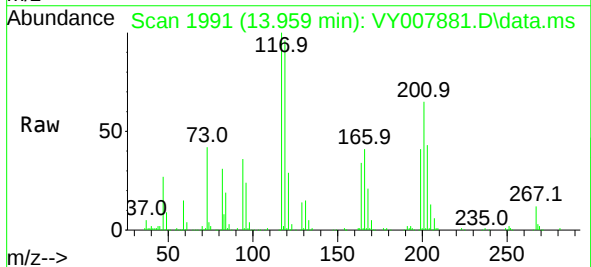
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

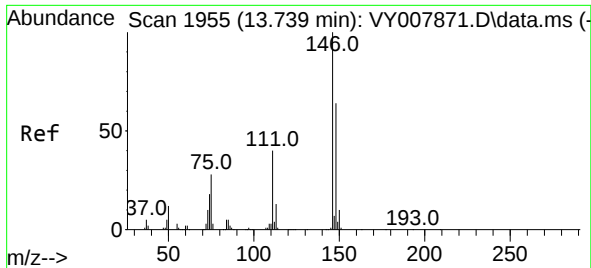
Tgt Ion: 91 Resp: 324506
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 26.5 13.0 38.9



#90
Hexachloroethane
Concen: 19.229 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY007881.D
Acq: 17 Mar 2022 17:52

Tgt Ion: 117 Resp: 69431
Ion Ratio Lower Upper
117 100
201 68.3 43.0 128.8

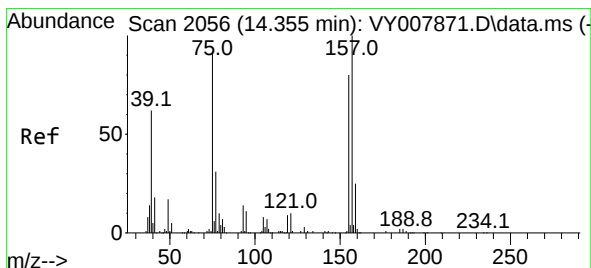
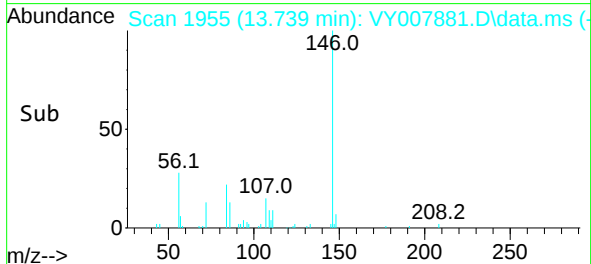
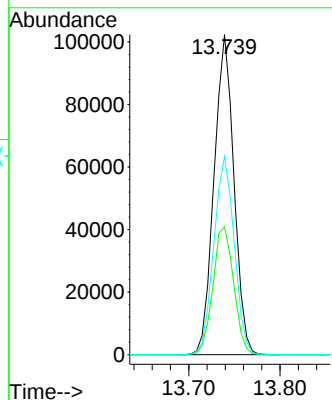
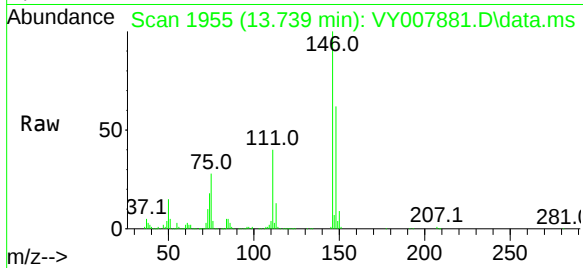




#91
 1,2-Dichlorobenzene
 Concen: 19.055 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

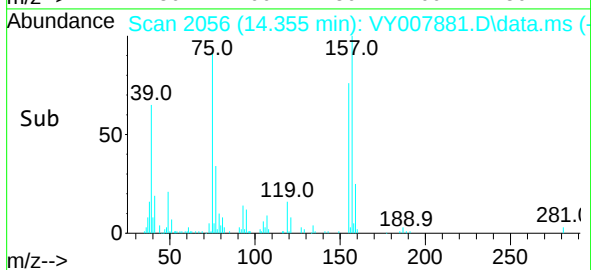
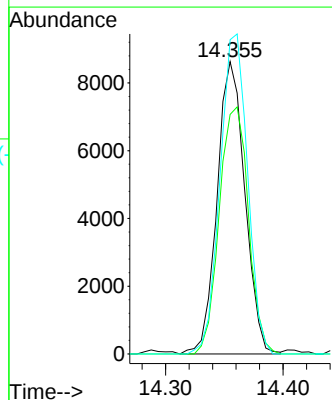
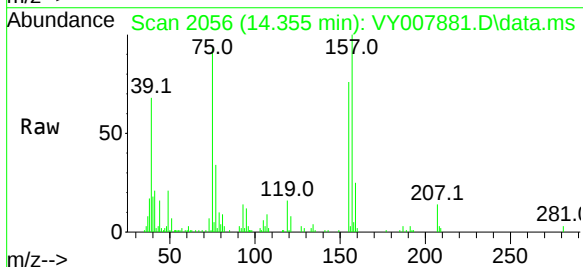
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

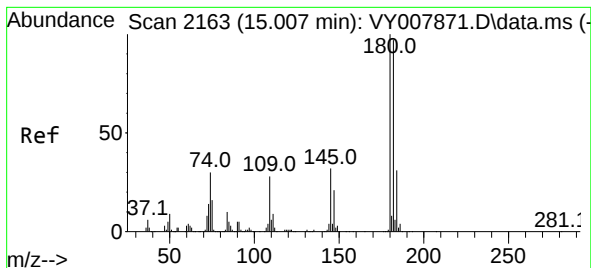
Tgt Ion:146 Resp: 154547
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.928 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY007881.D
 Acq: 17 Mar 2022 17:52

Tgt Ion: 75 Resp: 14162
 Ion Ratio Lower Upper
 75 100
 155 88.5 38.0 113.9
 157 108.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 17.628 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

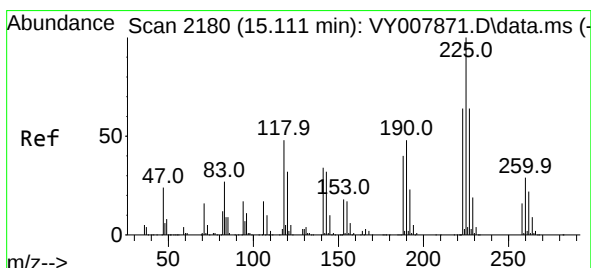
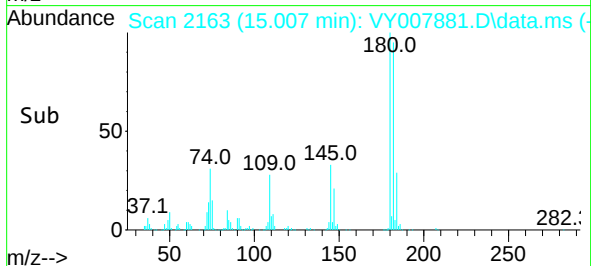
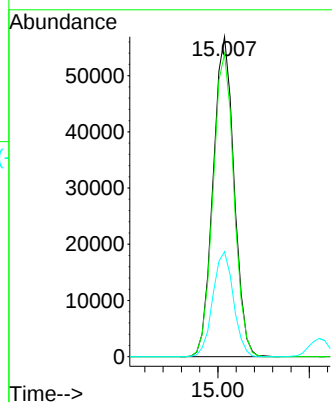
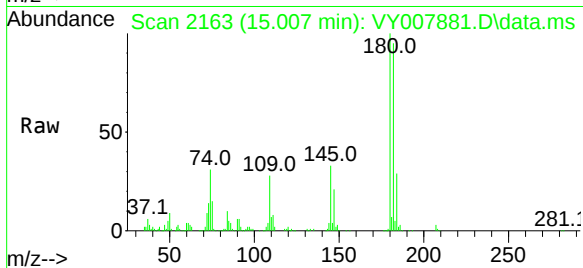
Tgt Ion:180 Resp: 90381

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 17.432 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

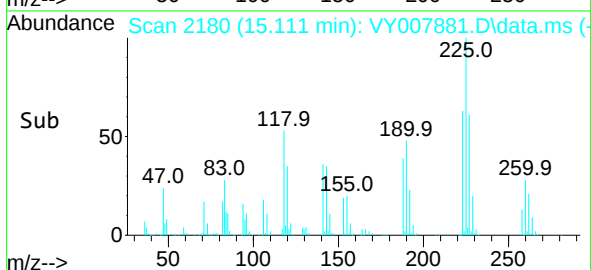
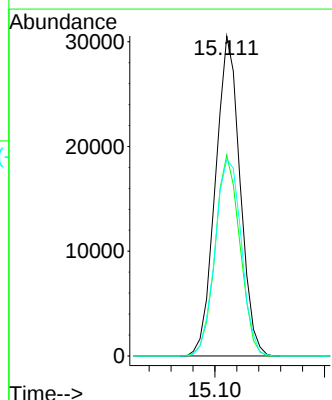
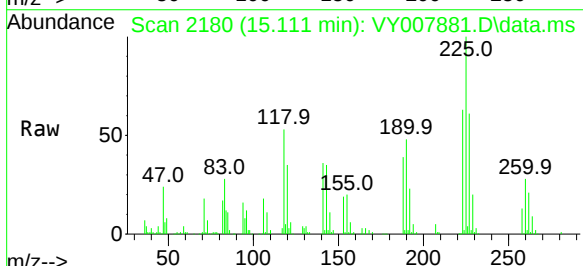
Tgt Ion:225 Resp: 47681

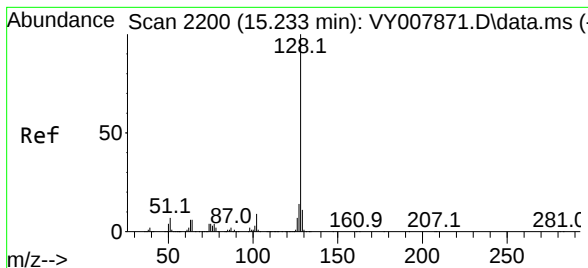
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 65.6 31.6 94.7





#95

Naphthalene

Concen: 18.124 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

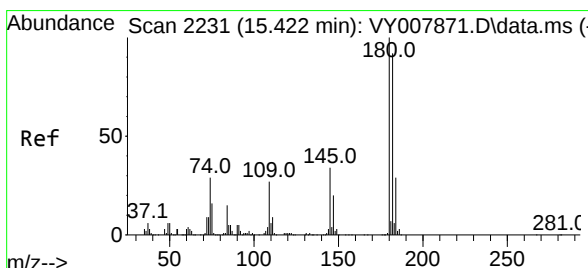
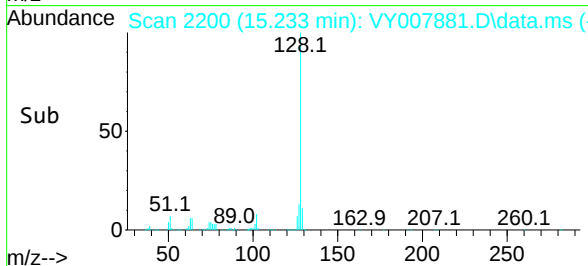
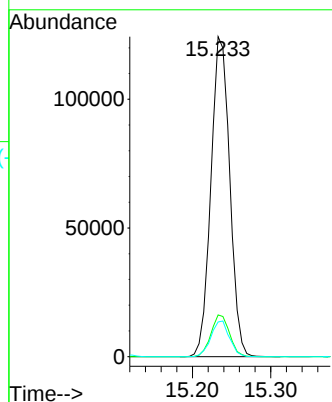
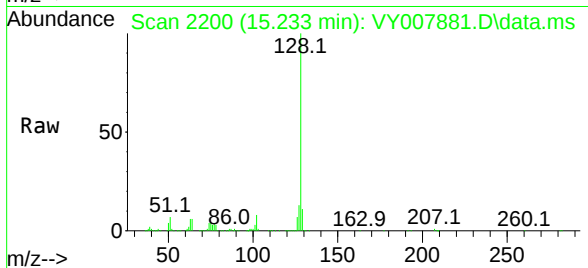
Tgt Ion:128 Resp: 207318

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.408 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY007881.D

Acq: 17 Mar 2022 17:52

Tgt Ion:180 Resp: 78723

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 35.2 15.3 45.9

