

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008284.D
 Acq On : 12 Apr 2022 13:03
 Operator : KP/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

Quant Time: Apr 13 08:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64488	51.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.716	113	65469	49.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.140%	
50) Toluene-d8	10.179	98	231800	50.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	86226	50.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21490	19.344	ug/l	97
3) Chloromethane	2.113	50	28981	19.652	ug/l	97
4) Vinyl Chloride	2.247	62	38986	20.399	ug/l	97
5) Bromomethane	2.643	94	36727	22.215	ug/l	95
6) Chloroethane	2.790	64	27244	20.353	ug/l	96
7) Trichlorofluoromethane	3.119	101	47294	20.797	ug/l	98
8) Diethyl Ether	3.527	74	16608	20.208	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	29544	20.000	ug/l	95
10) Methyl Iodide	4.088	142	28019	18.553	ug/l	90
11) Tert butyl alcohol	4.954	59	14724	109.297	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	26915	20.341	ug/l #	79
13) Acrolein	3.729	56	7328	69.084	ug/l	98
14) Allyl chloride	4.472	41	34813	20.160	ug/l #	90
15) Acrylonitrile	5.161	53	40642	101.109	ug/l	98
16) Acetone	3.942	43	28855	95.204	ug/l #	83
17) Carbon Disulfide	4.192	76	71102	20.369	ug/l	99
18) Methyl Acetate	4.472	43	19162	22.704	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	82408	20.181	ug/l	94
20) Methylene Chloride	4.716	84	35579	17.117	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	31292	19.739	ug/l	82
22) Diisopropyl ether	6.112	45	82263	20.192	ug/l #	94
23) Vinyl Acetate	6.057	43	266955	101.125	ug/l #	84
24) 1,1-Dichloroethane	6.009	63	52783	20.183	ug/l	95
25) 2-Butanone	6.984	43	48963	103.314	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	48435	20.111	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	37982	20.193	ug/l	82
28) Bromochloromethane	7.326	49	18048	18.005	ug/l #	70
29) Tetrahydrofuran	7.344	42	32016	104.634	ug/l #	74
30) Chloroform	7.502	83	58633	20.079	ug/l	98
31) Cyclohexane	7.777	56	45524	19.978	ug/l #	75
32) 1,1,1-Trichloroethane	7.697	97	51856	20.300	ug/l	95
36) 1,1-Dichloropropene	7.917	75	41919	19.677	ug/l	94
37) Ethyl Acetate	7.069	43	22994	20.933	ug/l #	91
38) Carbon Tetrachloride	7.899	117	45520	19.862	ug/l	97
39) Methylcyclohexane	9.185	83	54426	19.856	ug/l #	85
40) Benzene	8.161	78	125070	19.716	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29715	48.356	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	37301	20.268	ug/l	91
43) Isopropyl Acetate	8.270	43	42412	20.804	ug/l #	86
44) Trichloroethene	8.941	130	35401	19.581	ug/l	98
45) 1,2-Dichloropropane	9.215	63	30830	19.894	ug/l	96
46) Dibromomethane	9.307	93	20750	20.231	ug/l	95
47) Bromodichloromethane	9.496	83	46876	20.322	ug/l	95
48) Methyl methacrylate	9.295	41	17779	20.515	ug/l #	76
49) 1,4-Dioxane	9.301	88	5473	413.484	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	111960	106.358	ug/l #	84
52) Toluene	10.246	92	84438	20.202	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	46396	19.736	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	52830	19.920	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	29462	20.137	ug/l	95
56) Ethyl methacrylate	10.508	69	36896	20.569	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	46994	20.002	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	71162	100.713	ug/l	92
59) 2-Hexanone	10.831	43	77781	107.383	ug/l	81
60) Dibromochloromethane	10.983	129	33050	19.338	ug/l	100
61) 1,2-Dibromoethane	11.087	107	28334	19.807	ug/l	100
64) Tetrachloroethene	10.721	164	29870	19.565	ug/l	99
65) Chlorobenzene	11.514	112	91390	19.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	34374	19.610	ug/l	96
67) Ethyl Benzene	11.593	91	160282	20.064	ug/l	96
68) m/p-Xylenes	11.703	106	127861	40.245	ug/l	90
69) o-Xylene	12.032	106	61741	20.026	ug/l	90
70) Styrene	12.044	104	101917	20.044	ug/l	94
71) Bromoform	12.209	173	19875	18.810	ug/l #	100
73) Isopropylbenzene	12.331	105	160875	20.457	ug/l	99
74) N-amyl acetate	12.142	43	37530	21.981	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	34972	21.016	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	42442	36.280	ug/l #	100
77) Bromobenzene	12.611	156	37169	19.287	ug/l	95
78) n-propylbenzene	12.672	91	190936	20.575	ug/l	98
79) 2-Chlorotoluene	12.757	91	108786	20.888	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	132054	20.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11019	21.075	ug/l #	83
82) 4-Chlorotoluene	12.855	91	109418	20.445	ug/l	97
83) tert-Butylbenzene	13.075	119	117276	20.272	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	129886	20.353	ug/l	98
85) sec-Butylbenzene	13.251	105	175453	20.457	ug/l	100
86) p-Isopropyltoluene	13.373	119	144755	20.225	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74221	19.447	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	74279	19.664	ug/l	98
89) n-Butylbenzene	13.696	91	134989	20.876	ug/l	99
90) Hexachloroethane	13.965	117	27056	20.226	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	67064	19.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5313	22.316	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	38270	19.055	ug/l	98
94) Hexachlorobutadiene	15.111	225	19338	18.966	ug/l	96
95) Naphthalene	15.239	128	84982	19.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33772	19.216	ug/l	99

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ClientSampleId :
VY0412SBS01

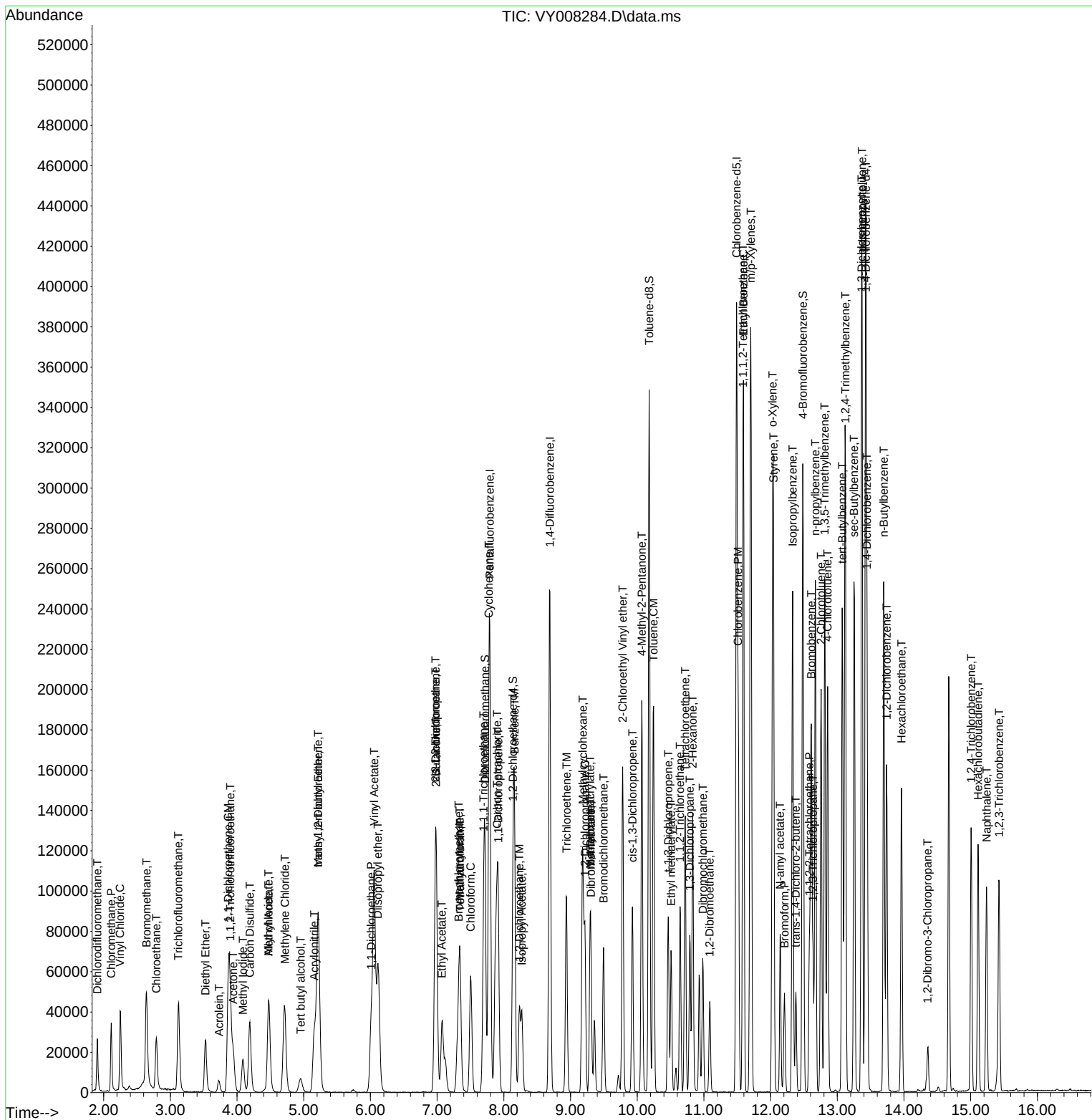
Quant Time: Apr 13 08:11:39 2022
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QLast Update : Fri Apr 08 16:02:50 2022
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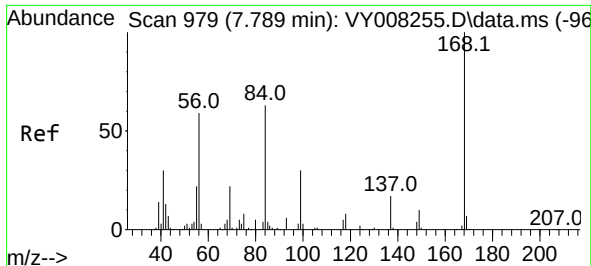
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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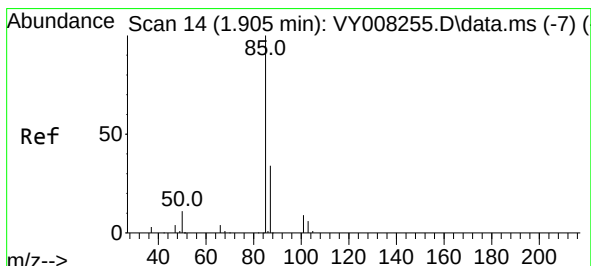
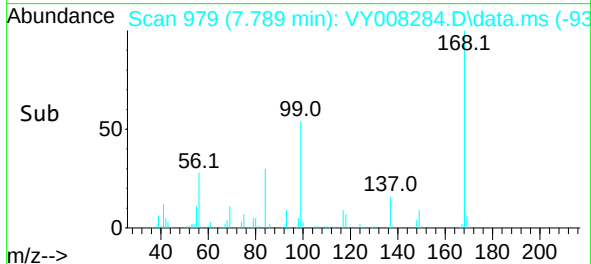
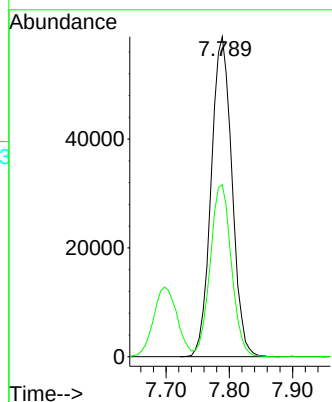
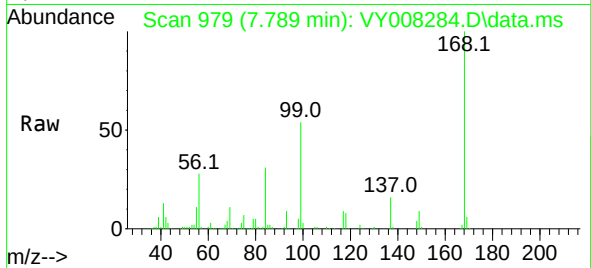




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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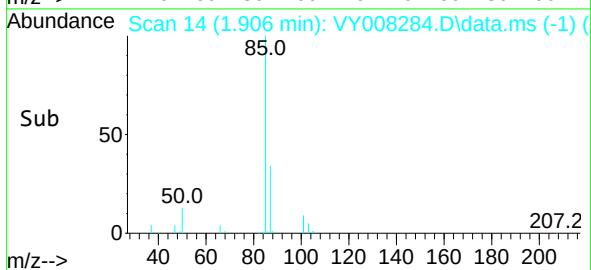
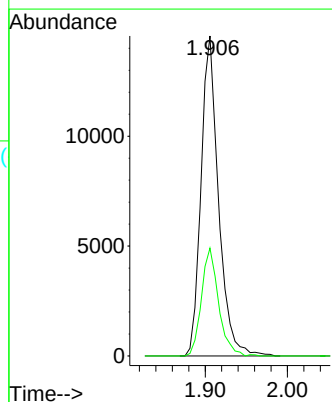
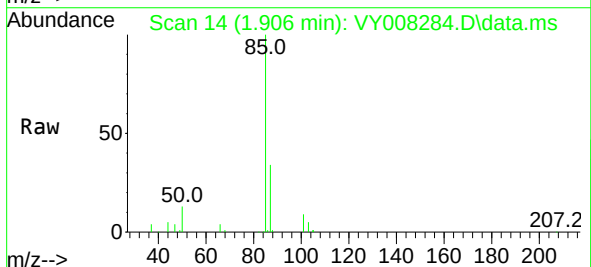
Instrument :
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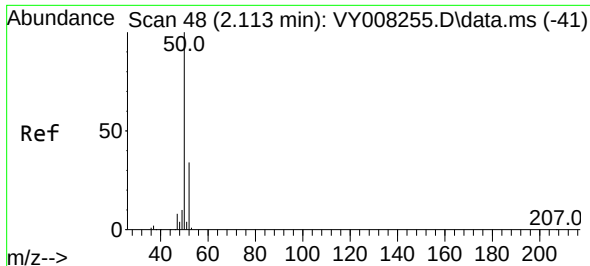
Tgt Ion:168 Resp: 134151
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.344 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 85 Resp: 21490
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

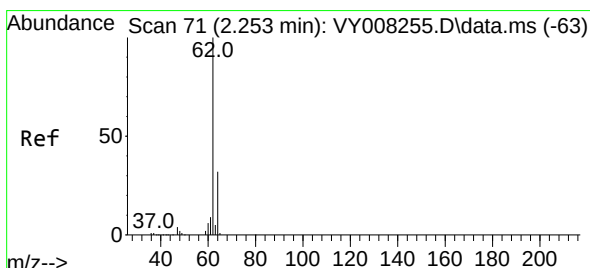
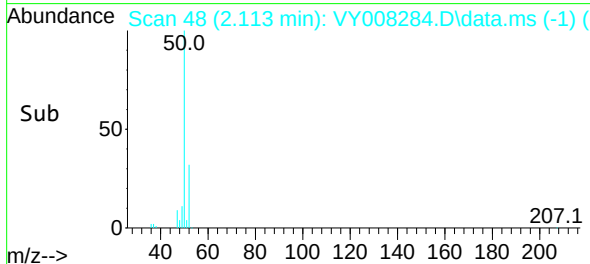
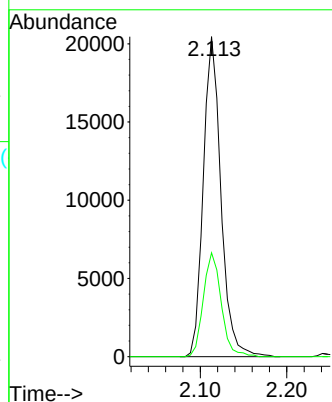
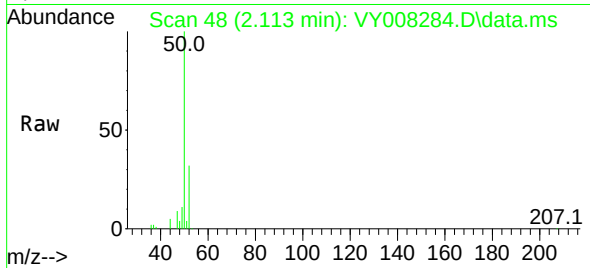




#3
Chloromethane
Concen: 19.652 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

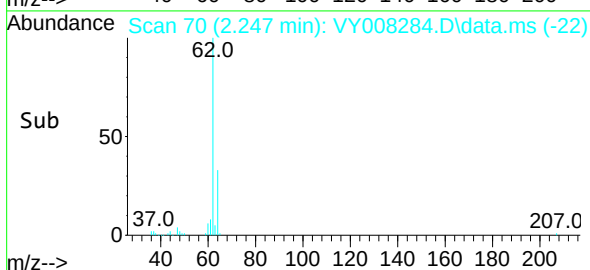
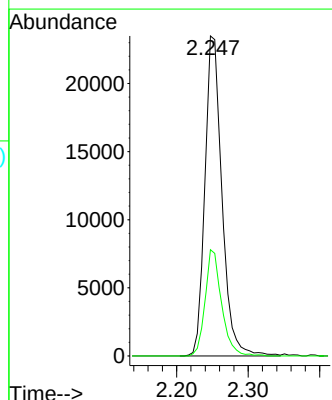
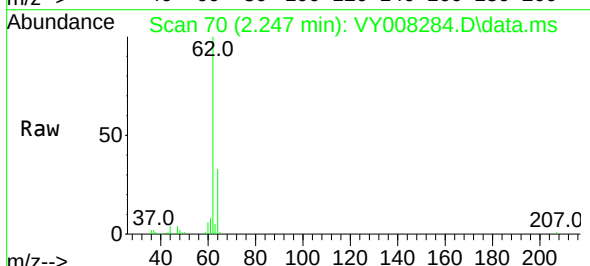
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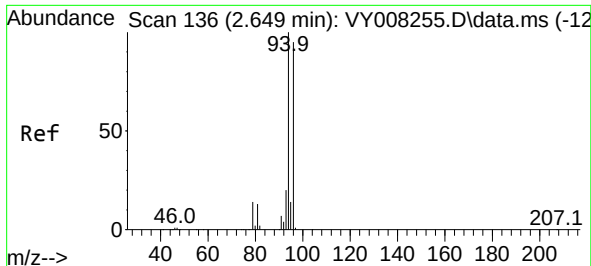
Tgt Ion: 50 Resp: 28981
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 20.399 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 62 Resp: 38986
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

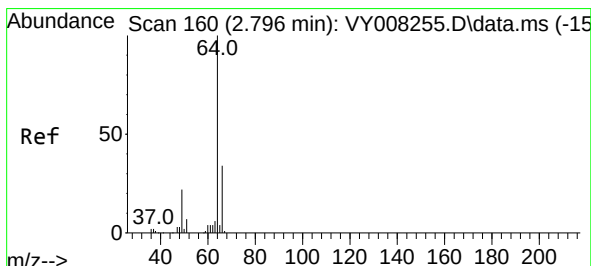
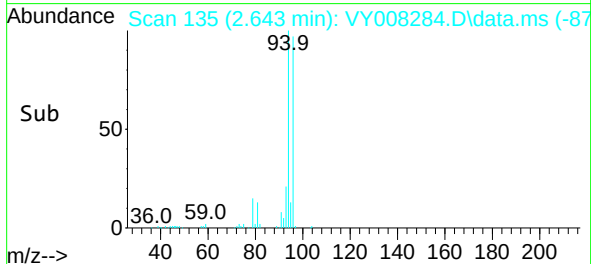
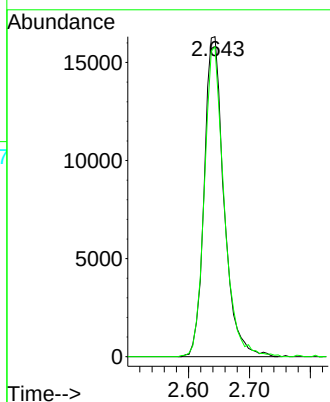
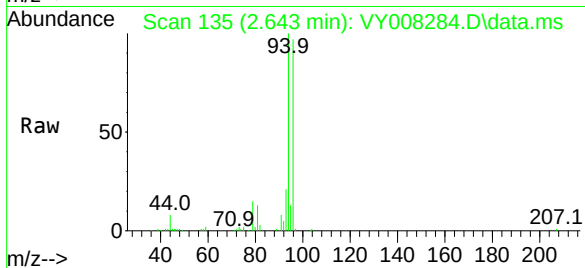




#5
Bromomethane
Concen: 22.215 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

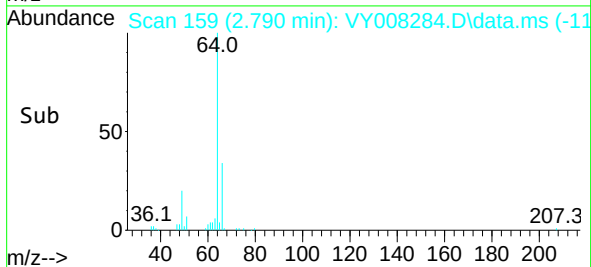
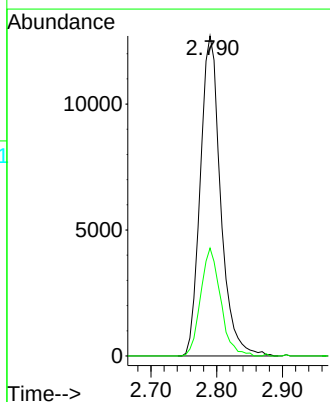
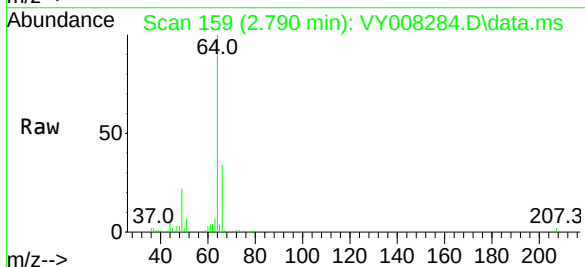
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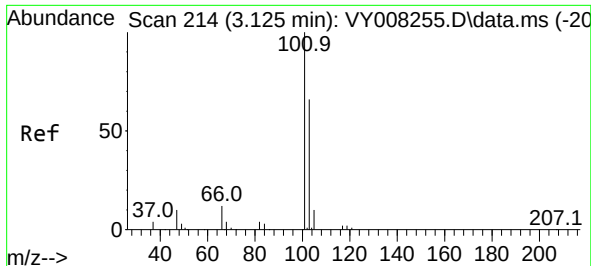
Tgt Ion: 94 Resp: 36727
Ion Ratio Lower Upper
94 100
96 96.8 73.5 110.3



#6
Chloroethane
Concen: 20.353 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 64 Resp: 27244
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0

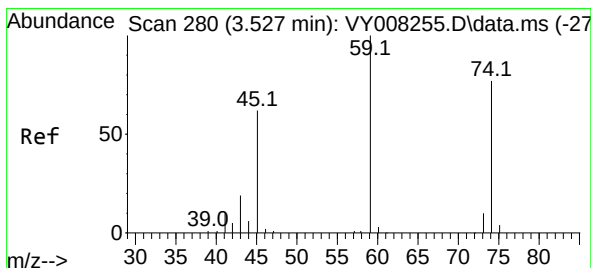
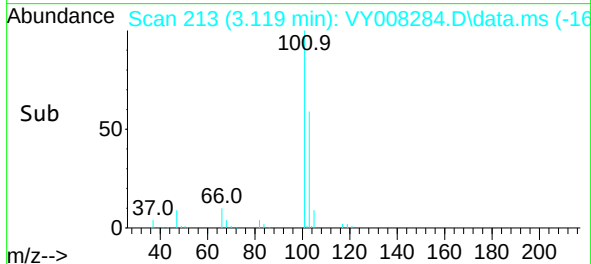
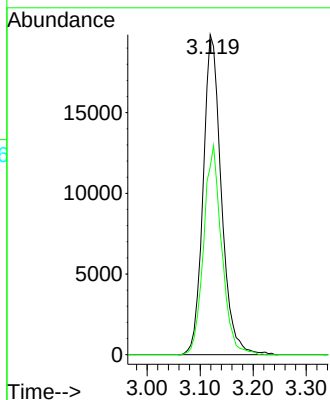
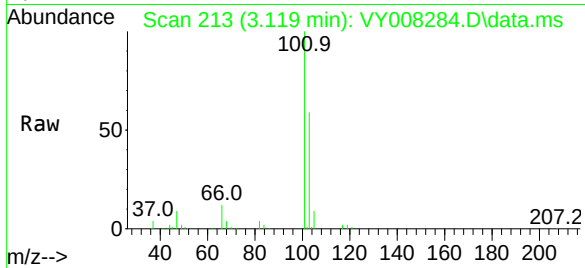




#7
Trichlorofluoromethane
Concen: 20.797 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

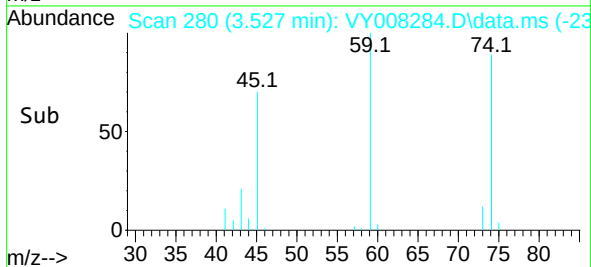
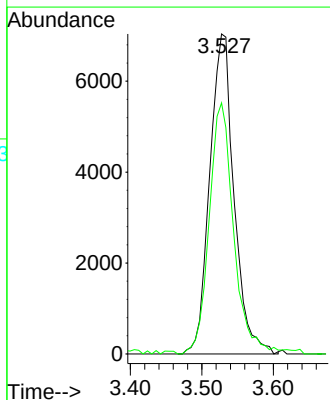
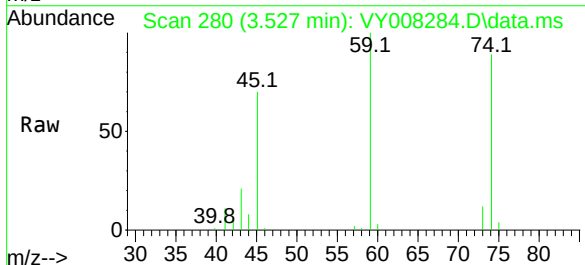
Instrument :
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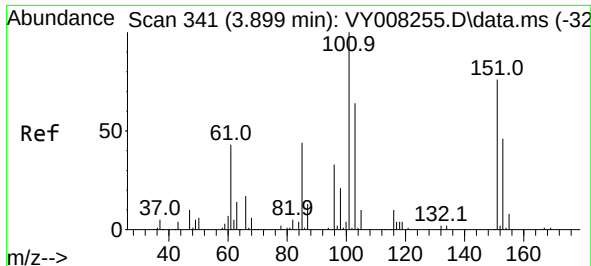
Tgt Ion:101 Resp: 47294
Ion Ratio Lower Upper
101 100
103 58.7 48.0 72.0



#8
Diethyl Ether
Concen: 20.208 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008284.D
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Tgt Ion: 74 Resp: 16608
Ion Ratio Lower Upper
74 100
45 79.8 55.1 165.5

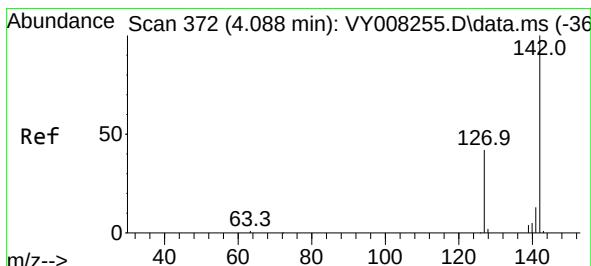
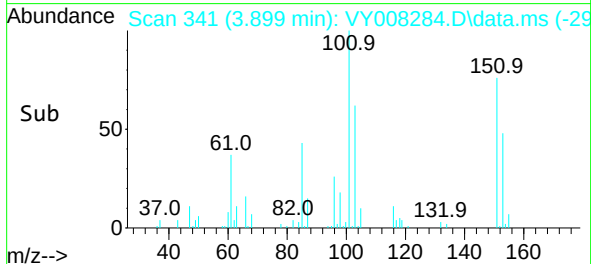
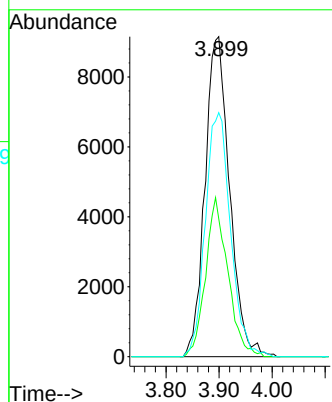
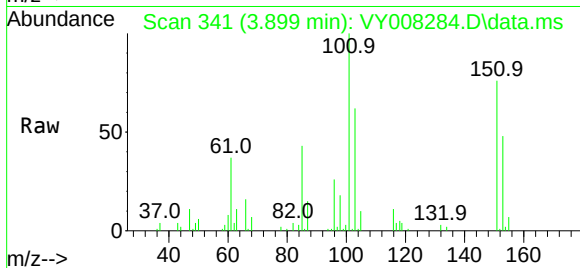




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.000 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

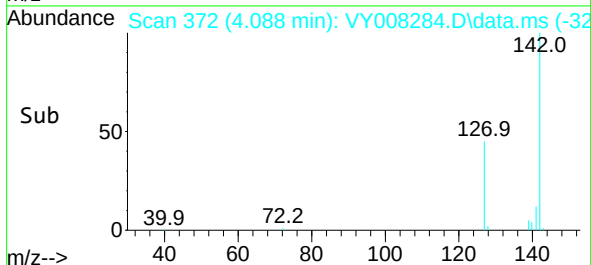
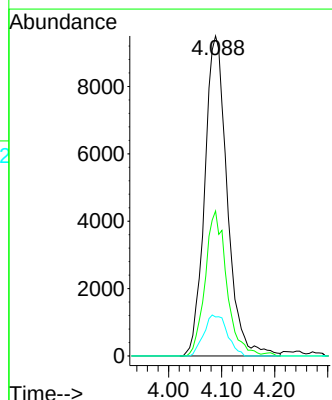
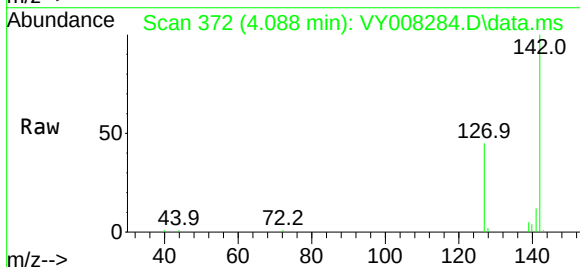
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

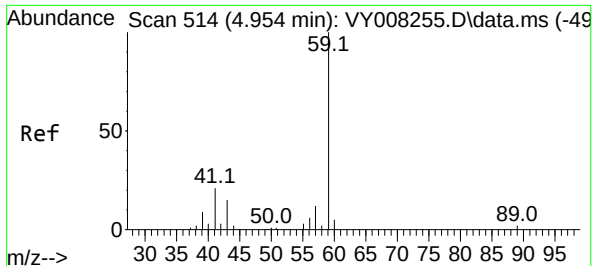
Tgt Ion:101 Resp: 29544
Ion Ratio Lower Upper
101 100
85 44.9 40.6 60.8
151 78.0 64.9 97.3



#10
Methyl Iodide
Concen: 18.553 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:142 Resp: 28019
Ion Ratio Lower Upper
142 100
127 43.2 41.5 62.3
141 13.3 11.9 17.9

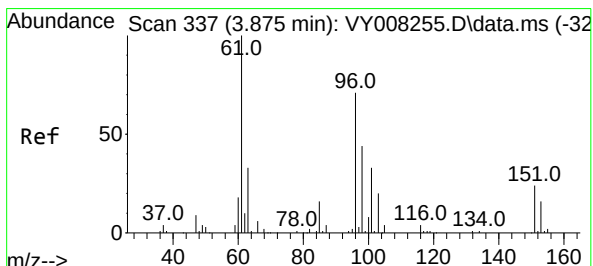
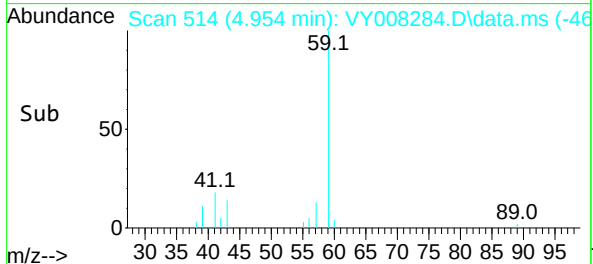
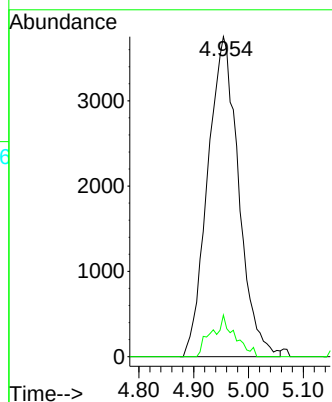
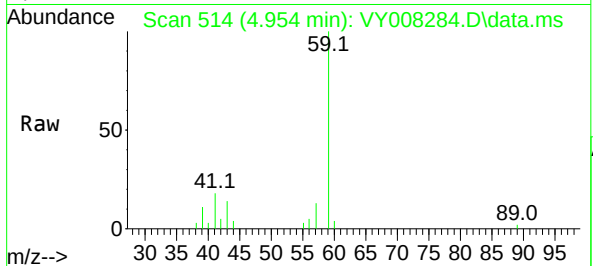




#11
Tert butyl alcohol
Concen: 109.297 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

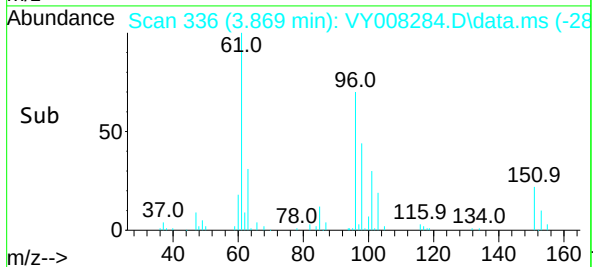
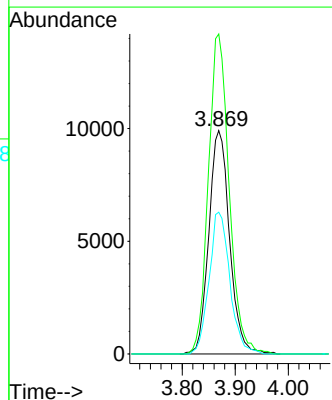
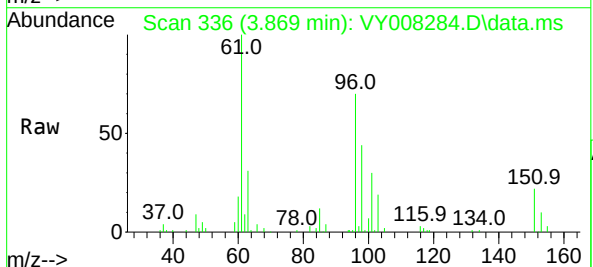
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

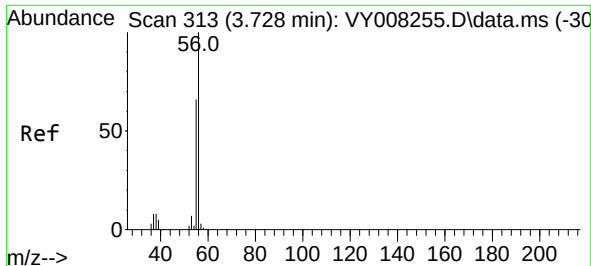
Tgt Ion: 59 Resp: 14724
Ion Ratio Lower Upper
59 100
57 9.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 20.341 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 96 Resp: 26915
Ion Ratio Lower Upper
96 100
61 143.2 145.8 218.6#
98 63.5 52.5 78.7





#13

Acrolein

Concen: 69.084 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

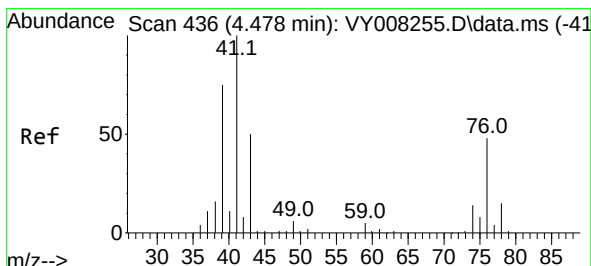
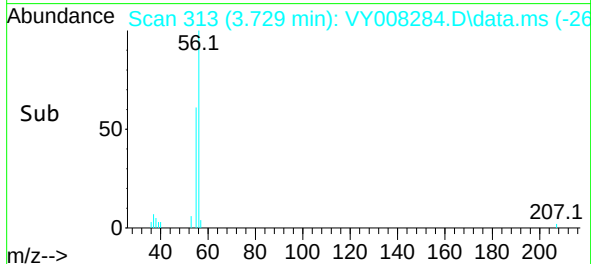
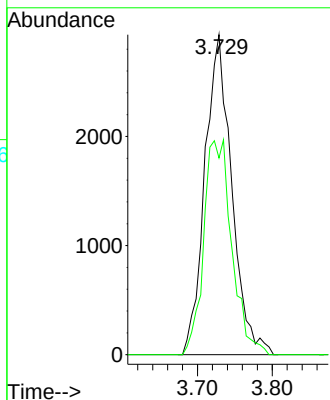
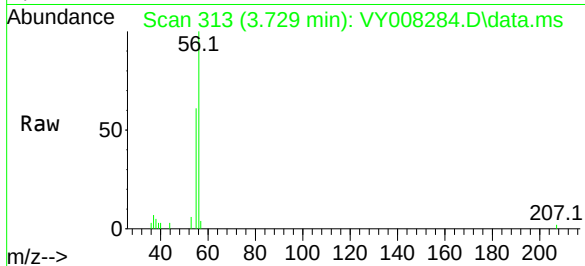
VY0412SBS01

Tgt Ion: 56 Resp: 7328

Ion Ratio Lower Upper

56 100

55 70.0 57.6 86.4



#14

Allyl chloride

Concen: 20.160 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

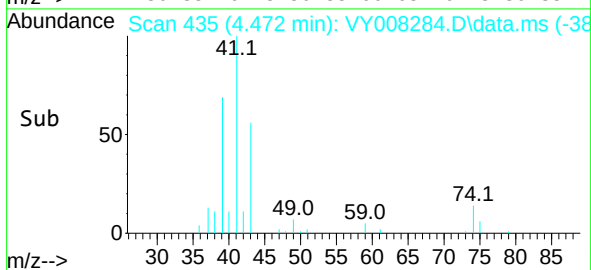
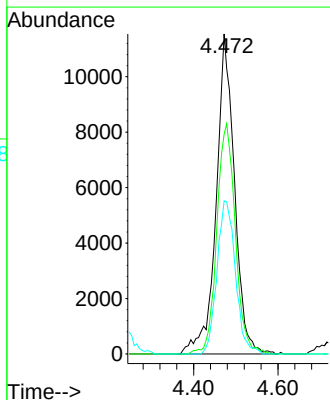
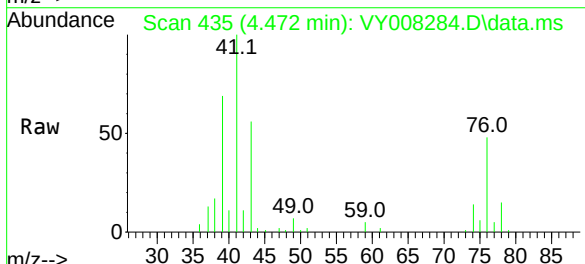
Tgt Ion: 41 Resp: 34813

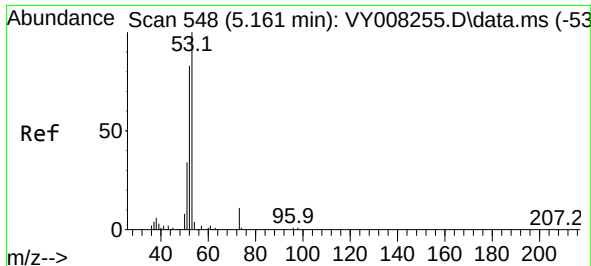
Ion Ratio Lower Upper

41 100

39 72.6 58.8 88.2

76 48.0 25.1 37.7#

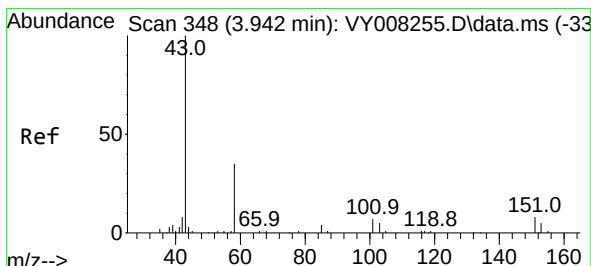
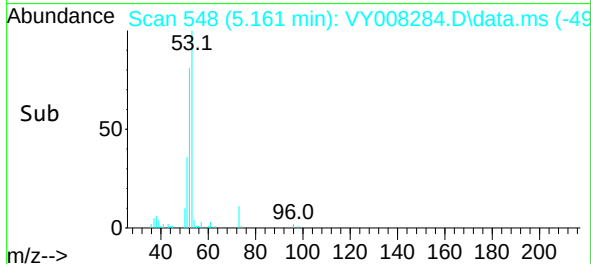
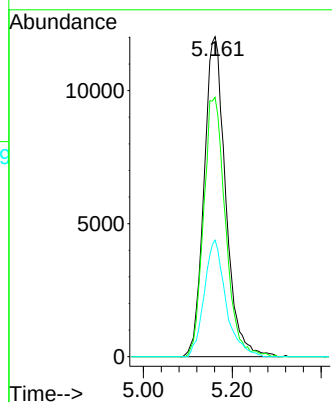
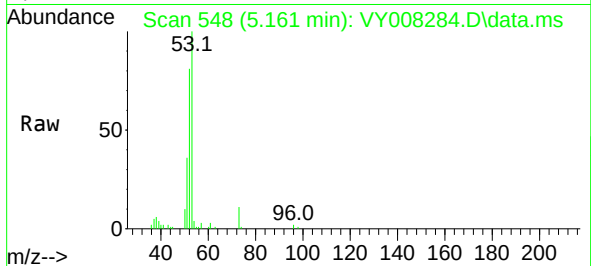




#15
Acrylonitrile
Concen: 101.109 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

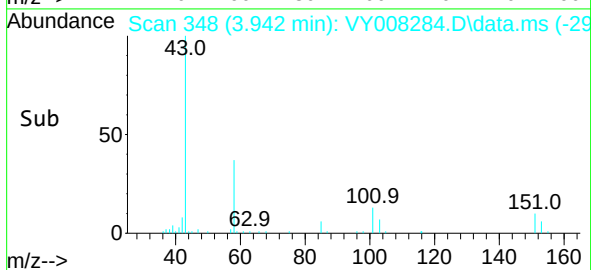
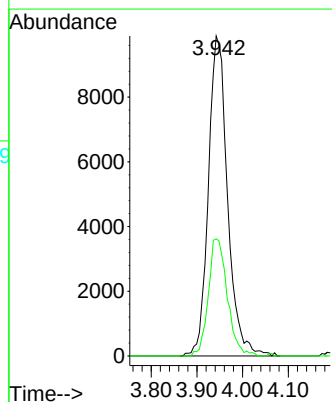
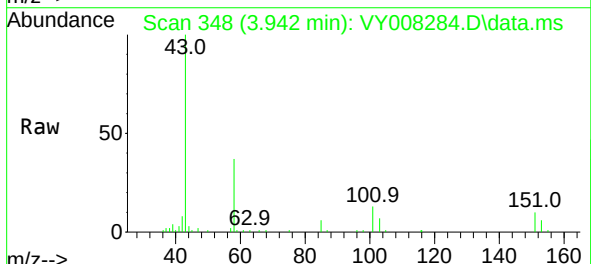
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

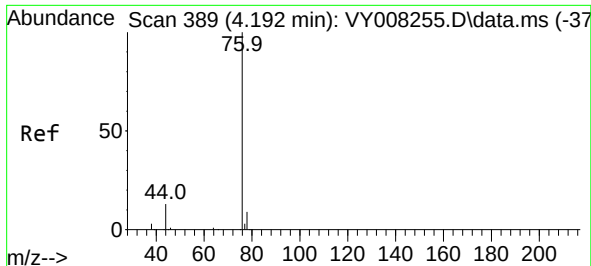
Tgt Ion: 53 Resp: 40642
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 36.5 29.8 44.6



#16
Acetone
Concen: 95.204 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 43 Resp: 28855
Ion Ratio Lower Upper
43 100
58 36.6 22.0 33.0#

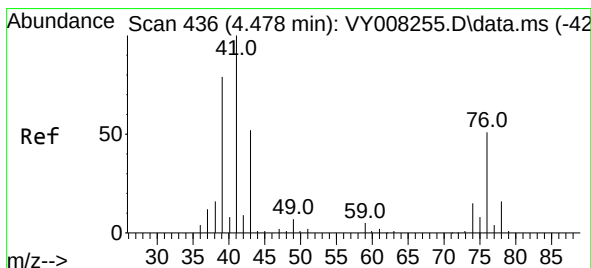
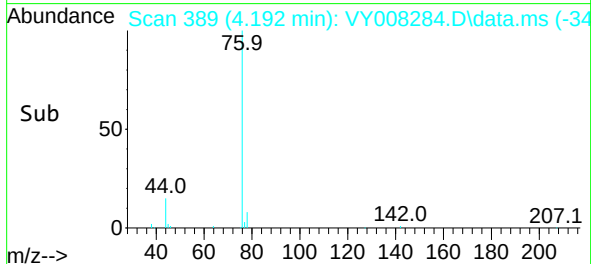
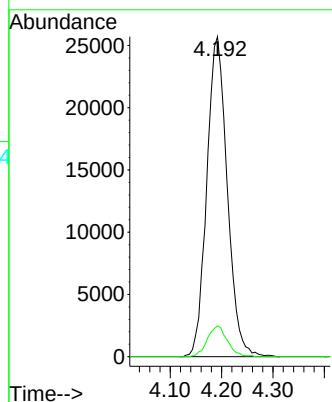
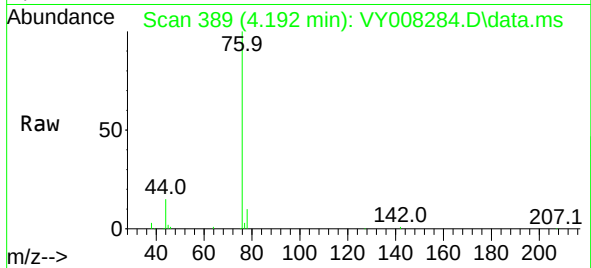




#17
Carbon Disulfide
Concen: 20.369 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

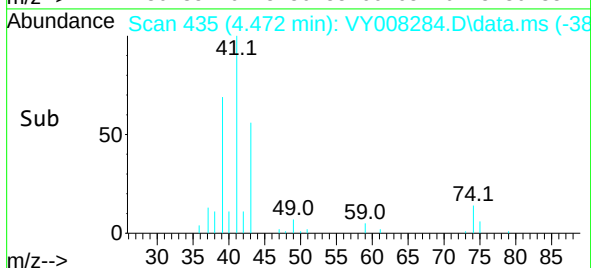
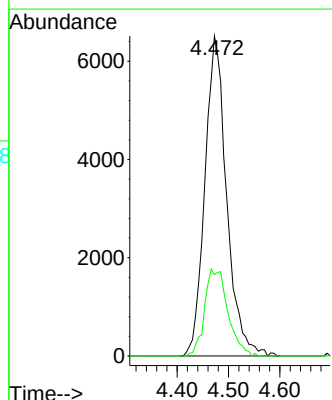
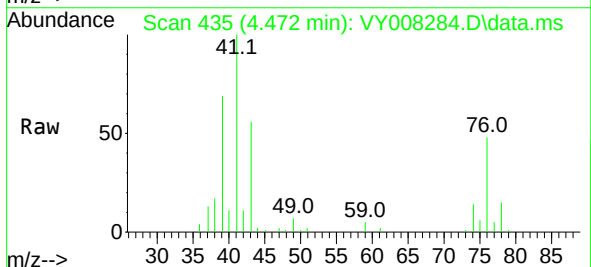
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

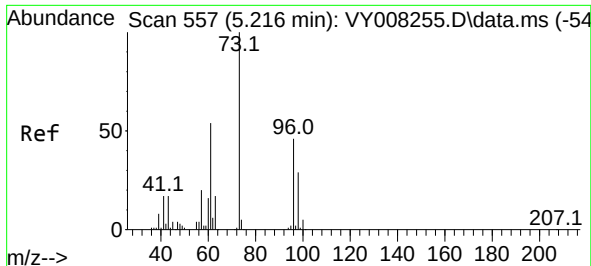
Tgt Ion: 76 Resp: 71102
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.704 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 43 Resp: 19162
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8#

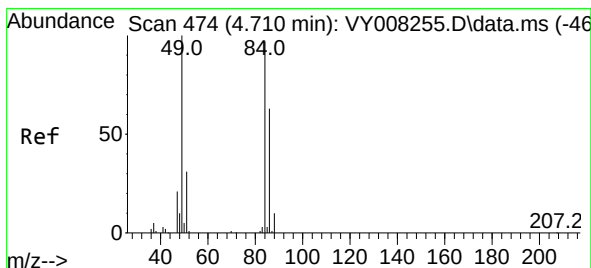
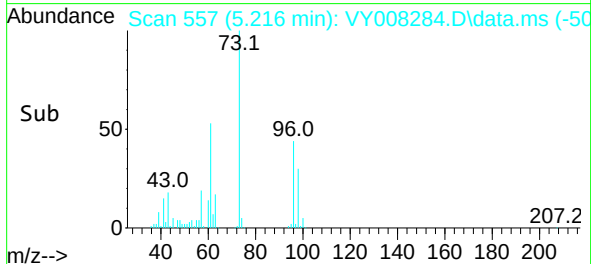
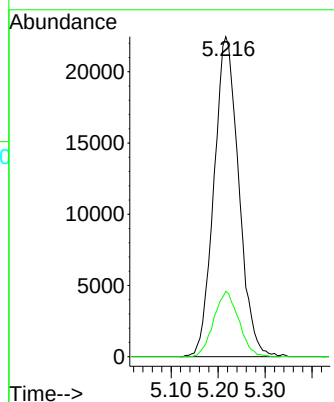
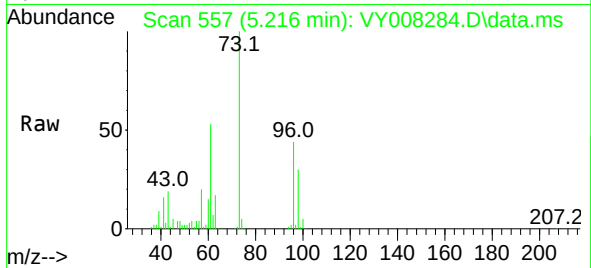




#19
Methyl tert-butyl Ether
Concen: 20.181 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

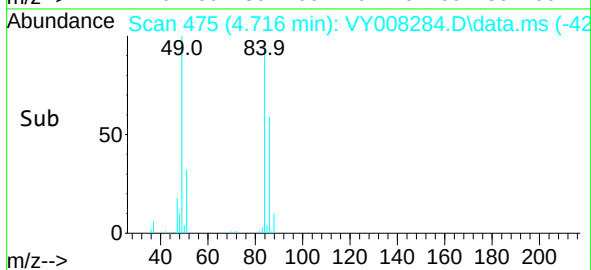
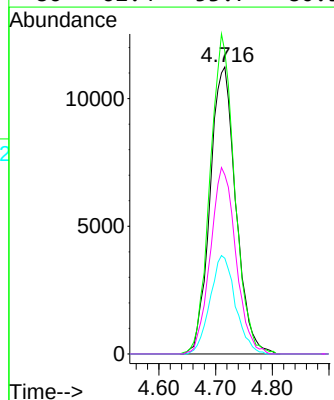
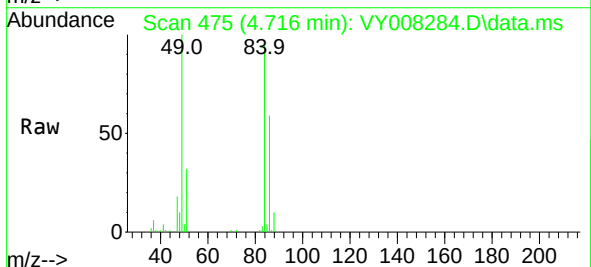
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

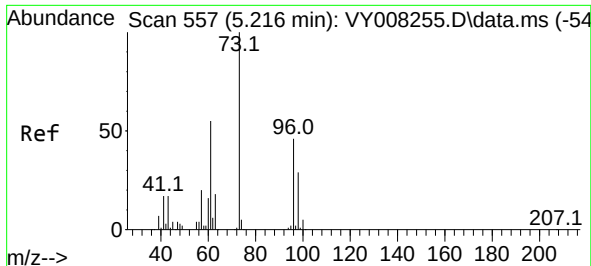
Tgt Ion: 73 Resp: 82408
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8



#20
Methylene Chloride
Concen: 17.117 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 84 Resp: 35579
Ion Ratio Lower Upper
84 100
49 105.4 114.4 171.6#
51 33.3 35.3 52.9#
86 62.4 53.7 80.5

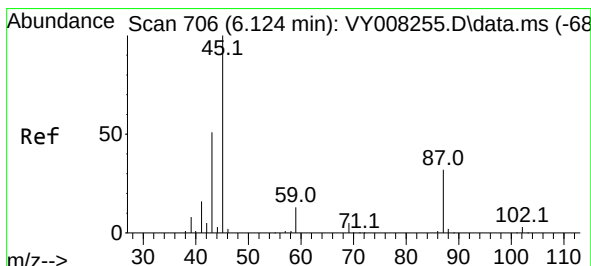
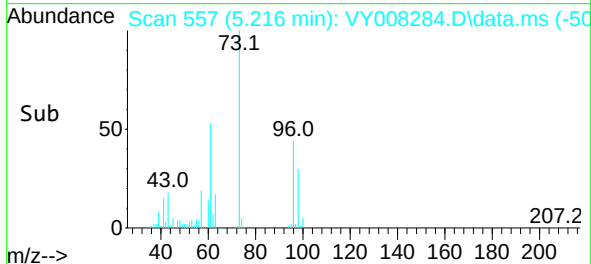
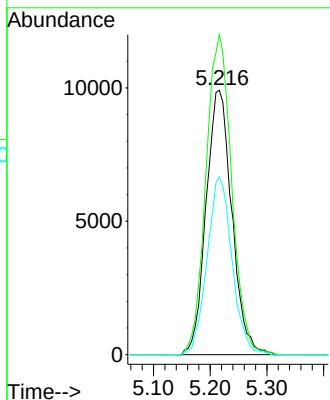
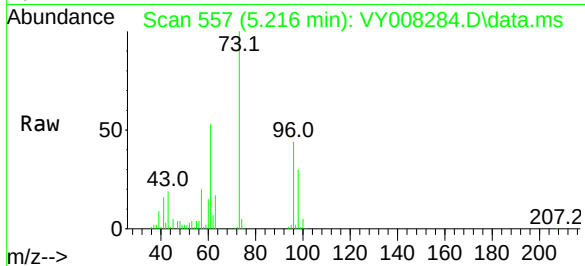




#21
trans-1,2-Dichloroethene
Concen: 19.739 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

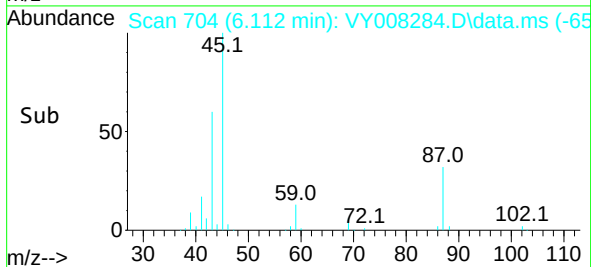
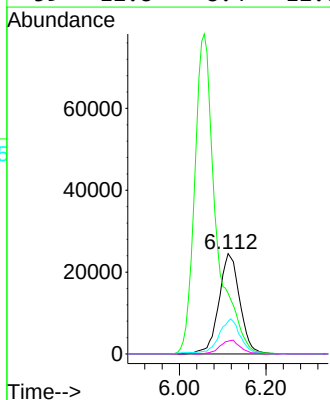
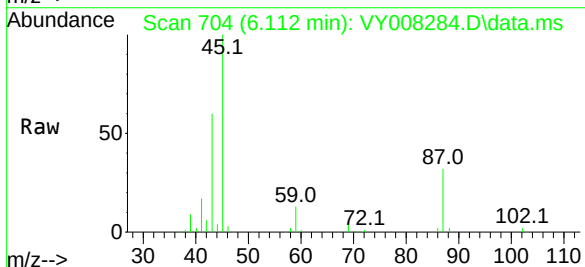
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

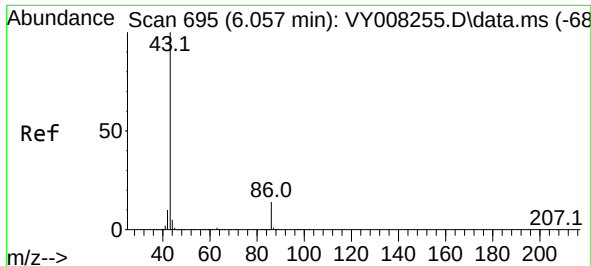
Tgt Ion: 96 Resp: 31292
Ion Ratio Lower Upper
96 100
61 121.0 120.5 180.7
98 67.2 49.8 74.8



#22
Diisopropyl ether
Concen: 20.192 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 45 Resp: 82263
Ion Ratio Lower Upper
45 100
43 60.0 49.3 73.9
87 32.5 19.2 28.8#
59 12.8 8.4 12.6#

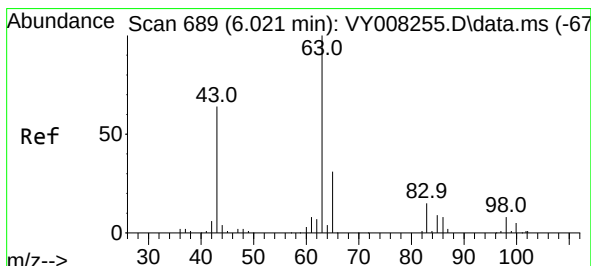
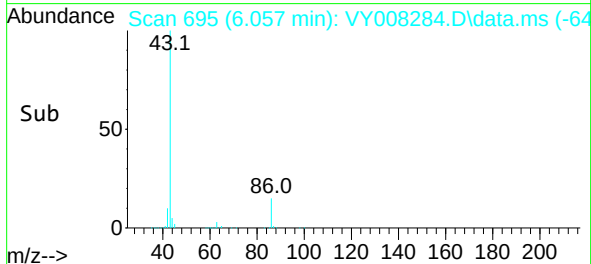
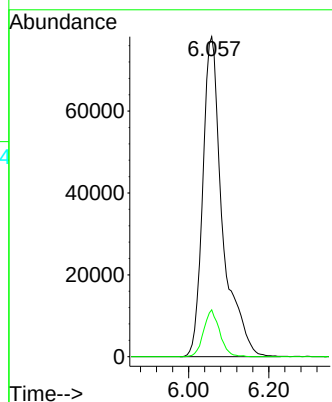
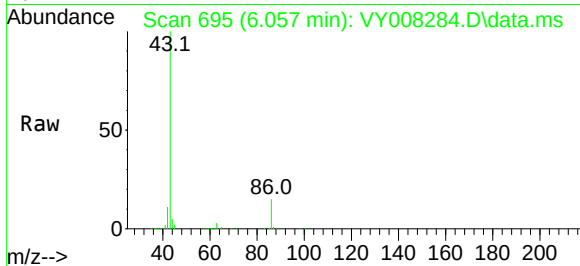




#23
 Vinyl Acetate
 Concen: 101.125 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008284.D
 Acq: 12 Apr 2022 13:03

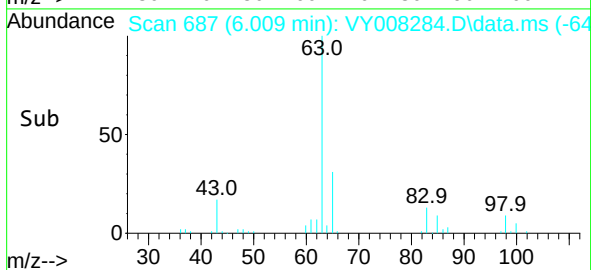
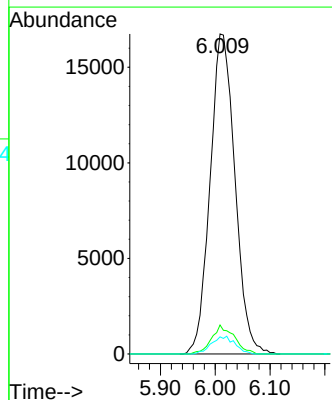
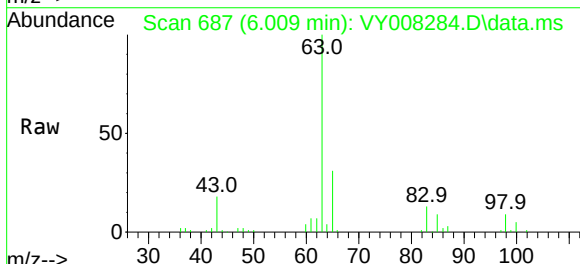
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

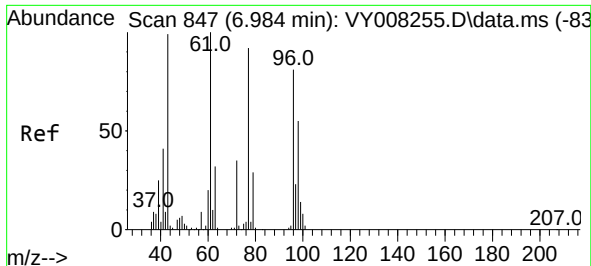
Tgt Ion: 43 Resp: 266955
 Ion Ratio Lower Upper
 43 100
 86 14.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.183 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY008284.D
 Acq: 12 Apr 2022 13:03

Tgt Ion: 63 Resp: 52783
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 5.4 2.0 5.8

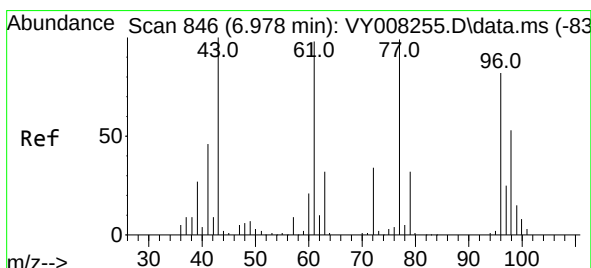
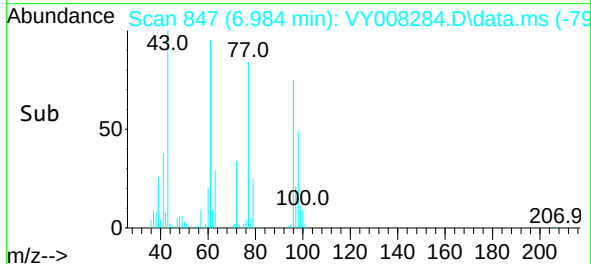
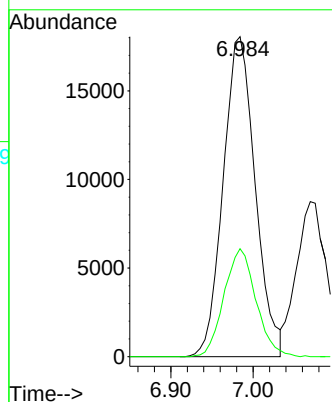
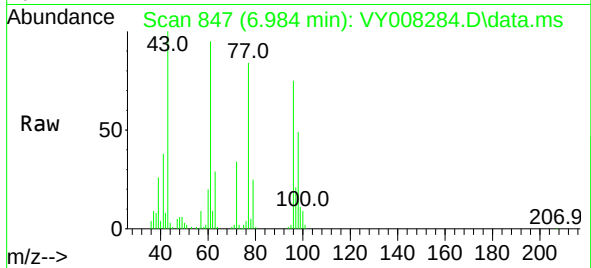




#25
2-Butanone
Concen: 103.314 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

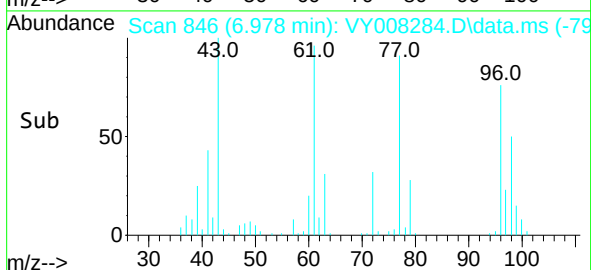
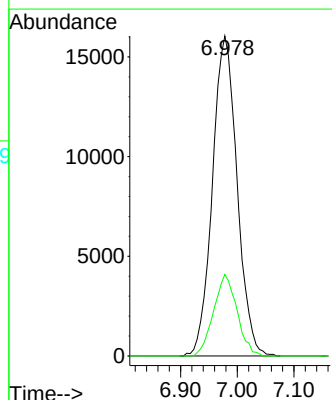
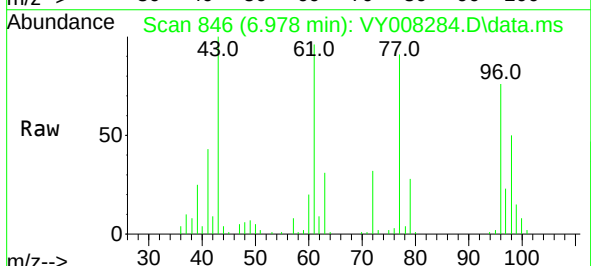
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

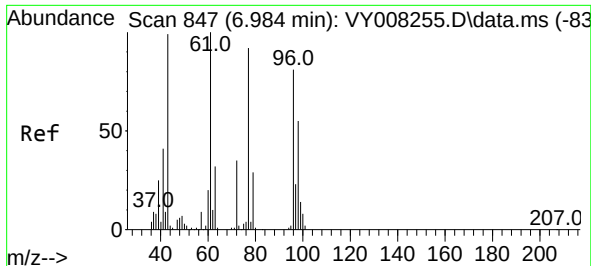
Tgt Ion: 43 Resp: 48963
Ion Ratio Lower Upper
43 100
72 33.8 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.111 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 77 Resp: 48435
Ion Ratio Lower Upper
77 100
97 24.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.193 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

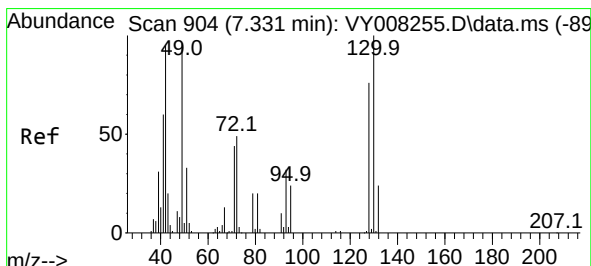
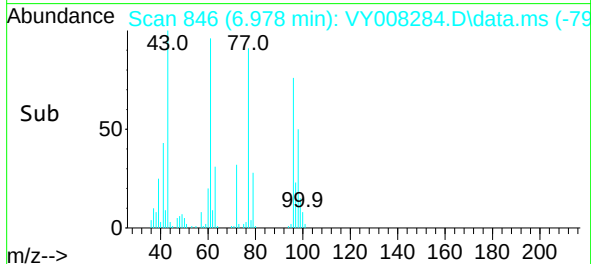
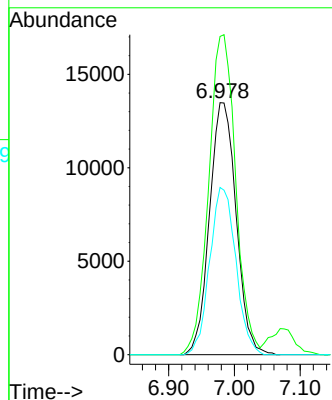
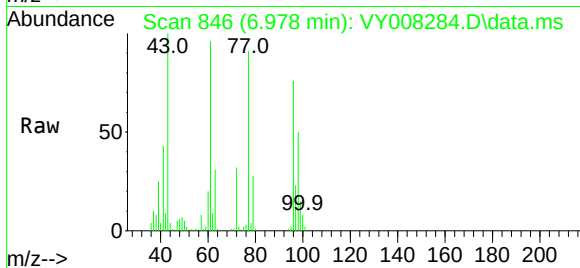
Tgt Ion: 96 Resp: 37982

Ion Ratio Lower Upper

96 100

61 128.4 0.0 319.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 18.005 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

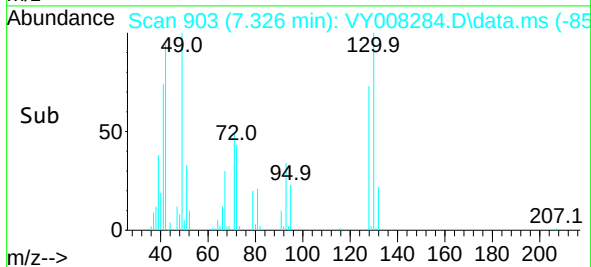
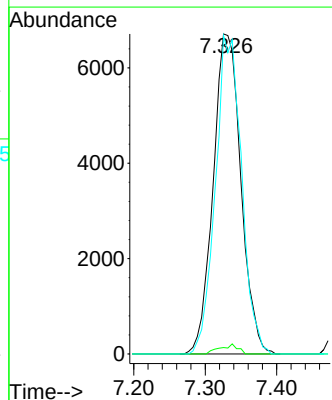
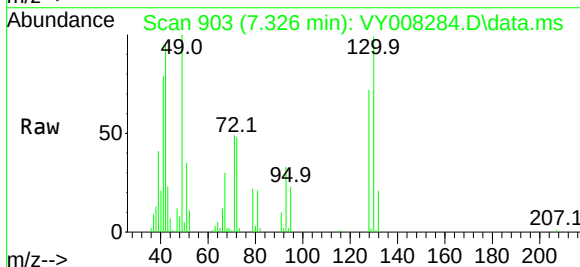
Tgt Ion: 49 Resp: 18048

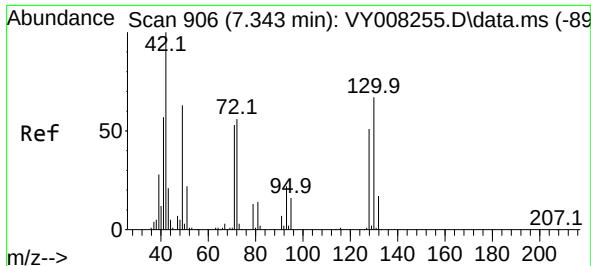
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 94.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 104.634 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

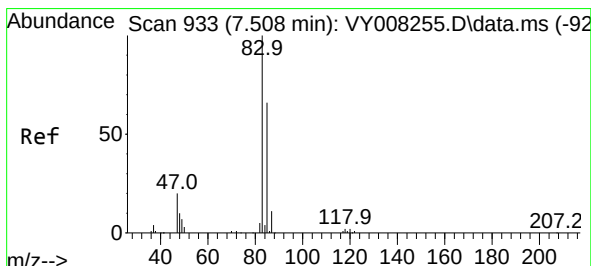
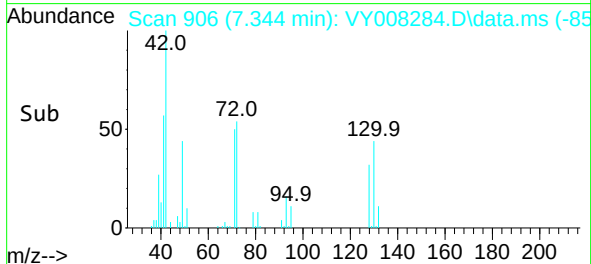
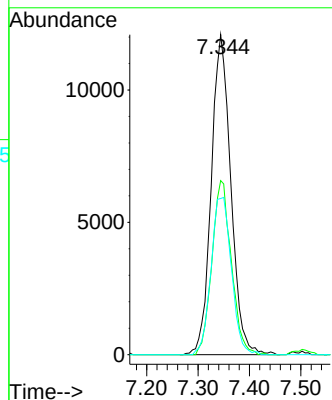
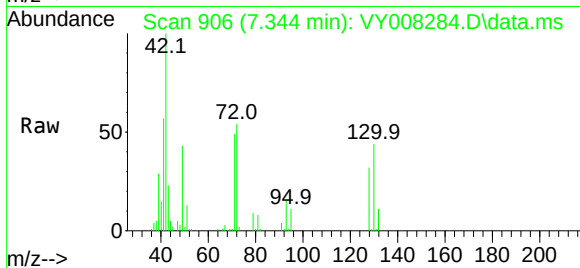
Tgt Ion: 42 Resp: 32016

Ion Ratio Lower Upper

42 100

72 53.8 30.3 45.5#

71 51.2 29.0 43.4#



#30

Chloroform

Concen: 20.079 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008284.D

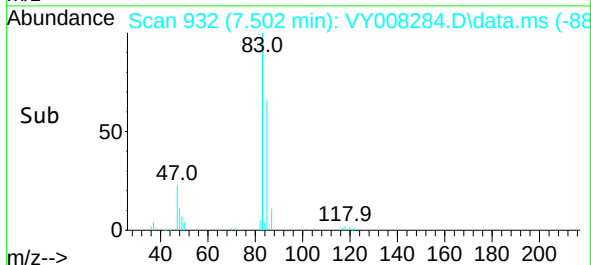
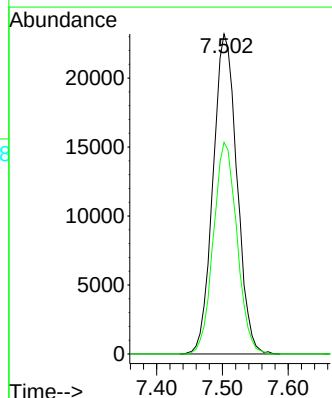
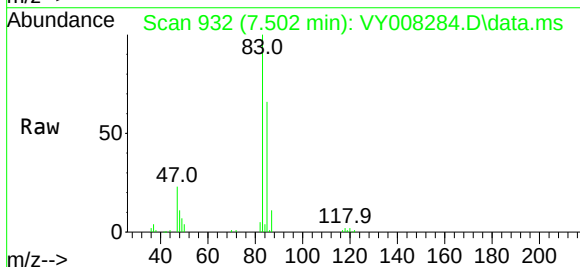
Acq: 12 Apr 2022 13:03

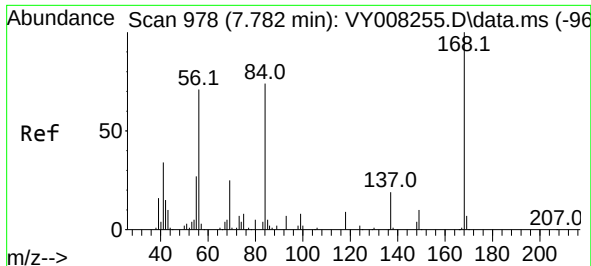
Tgt Ion: 83 Resp: 58633

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.6

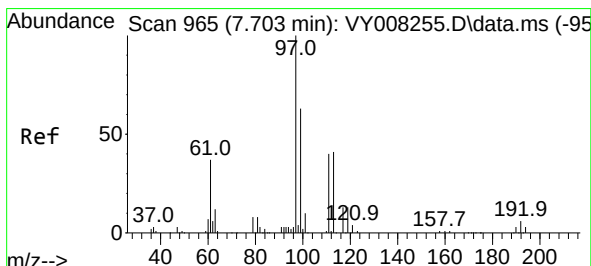
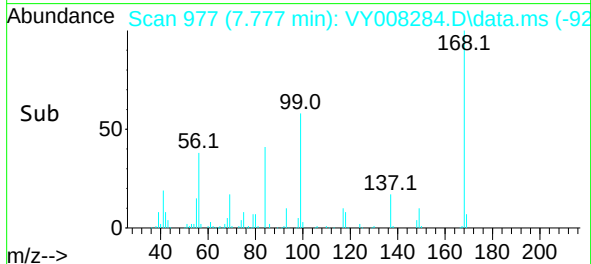
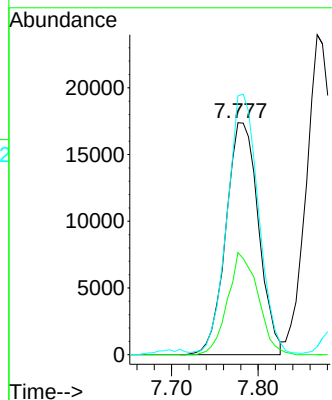
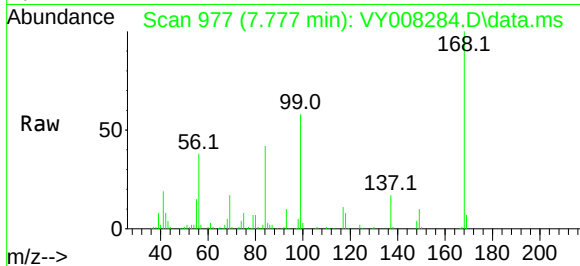




#31
Cyclohexane
Concen: 19.978 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

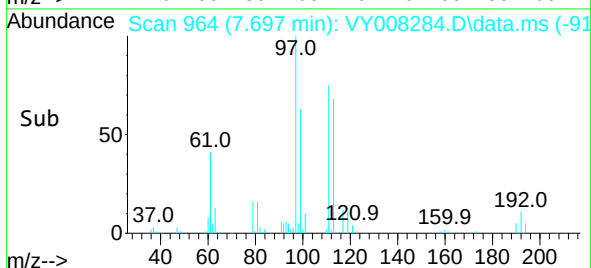
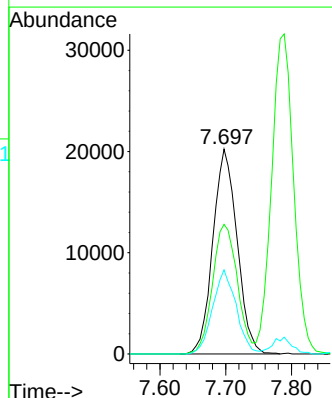
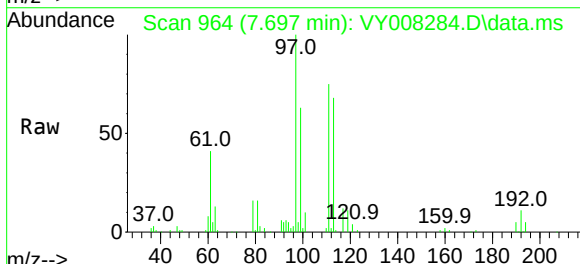
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

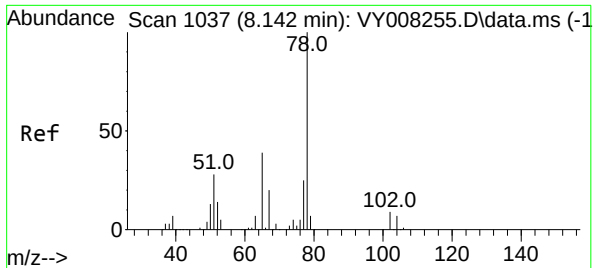
Tgt Ion: 56 Resp: 45524
Ion Ratio Lower Upper
56 100
69 44.0 26.7 40.1#
84 109.2 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 20.300 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 97 Resp: 51856
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 39.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.176 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

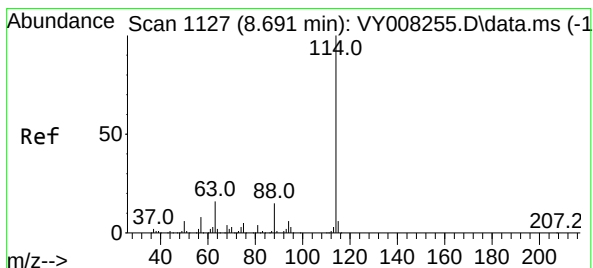
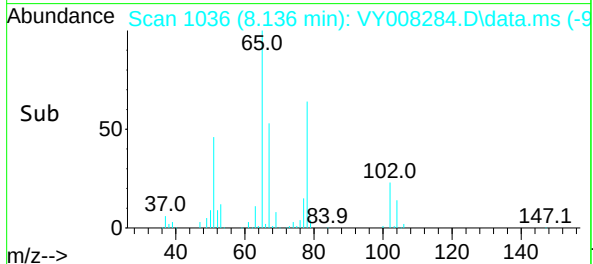
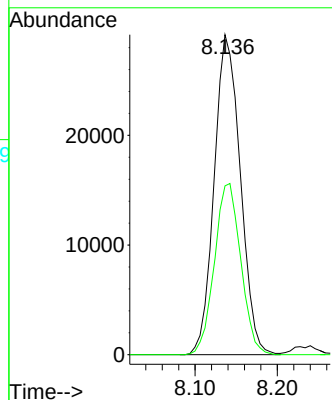
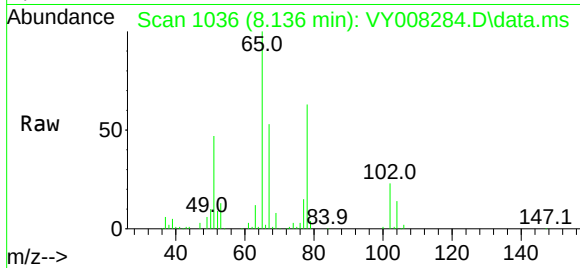
VY0412SBS01

Tgt Ion: 65 Resp: 64488

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008284.D

Acq: 12 Apr 2022 13:03

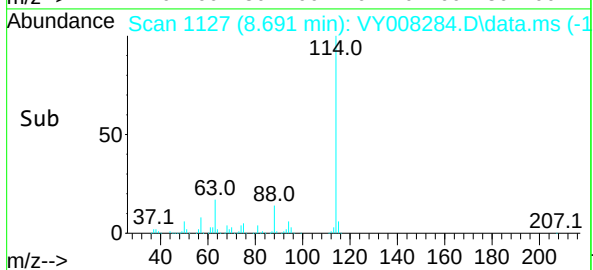
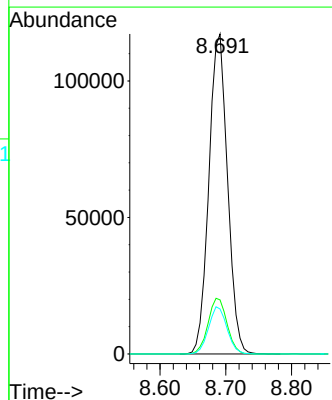
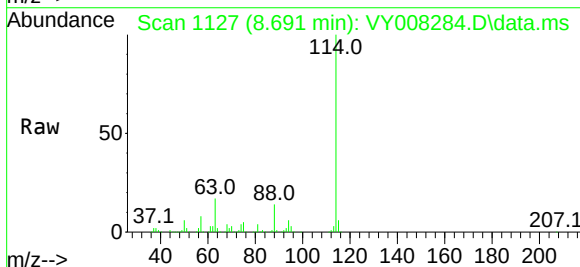
Tgt Ion: 114 Resp: 230973

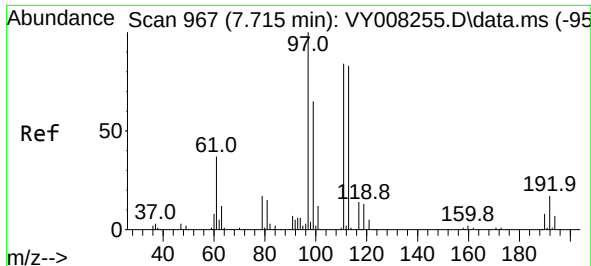
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.1 0.0 31.8

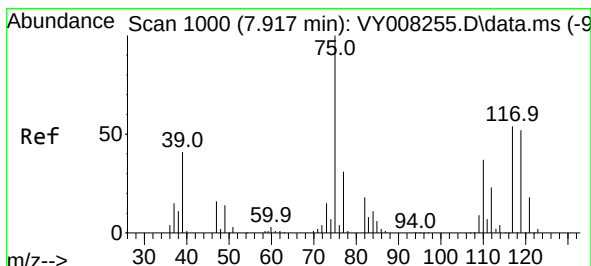
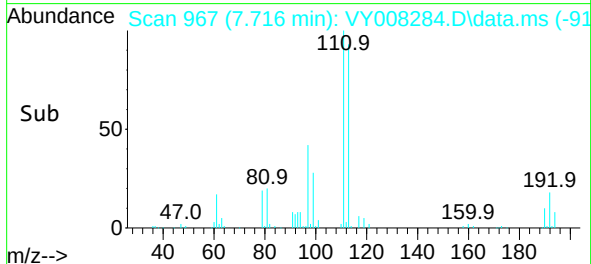
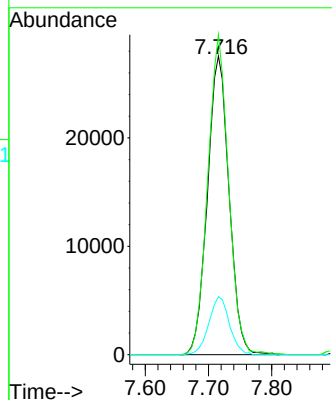
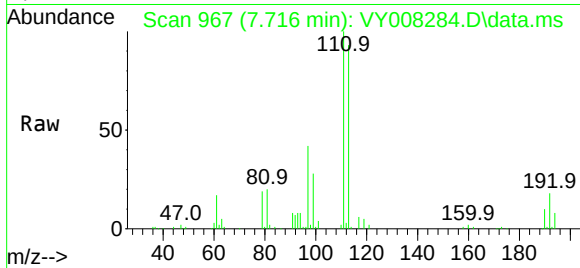




#35
Dibromofluoromethane
Concen: 49.075 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

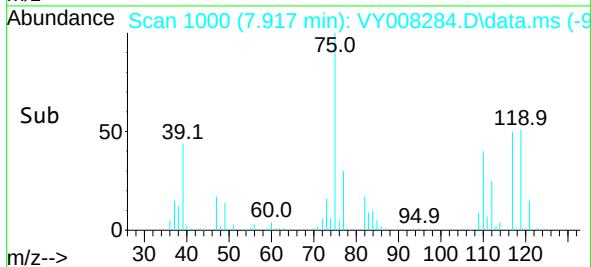
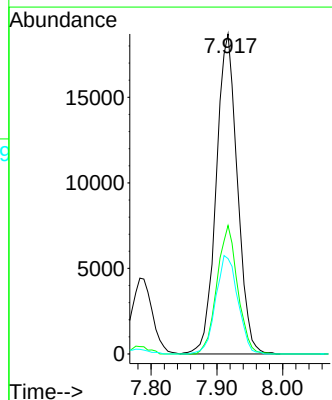
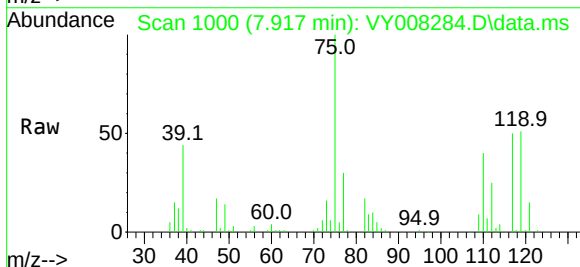
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

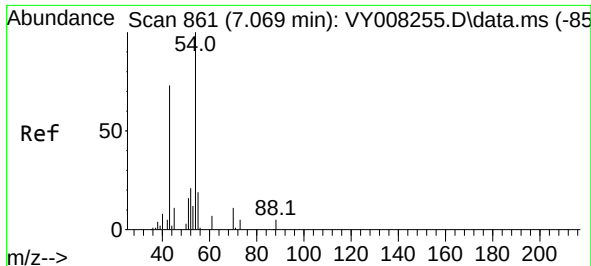
Tgt Ion:113 Resp: 65469
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.677 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 75 Resp: 41919
Ion Ratio Lower Upper
75 100
110 39.1 17.1 51.2
77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 20.933 ug/l

RT: 7.069 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

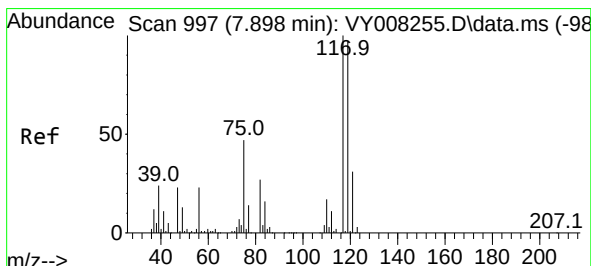
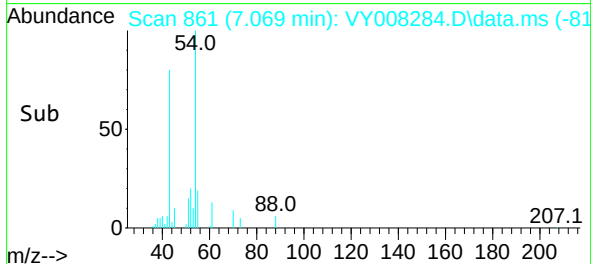
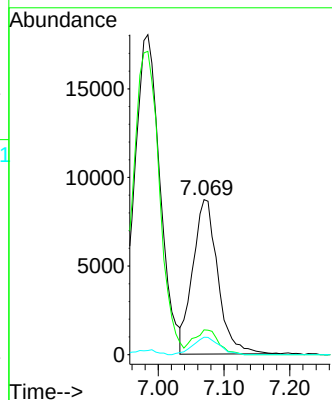
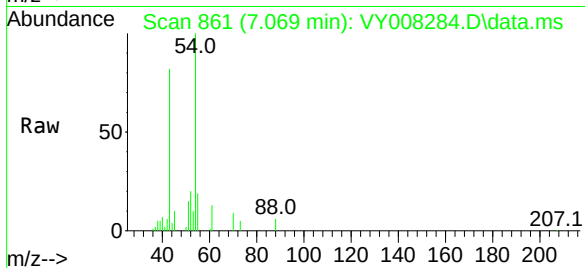
Tgt Ion: 43 Resp: 22994

Ion Ratio Lower Upper

43 100

61 16.1 9.7 14.5#

70 11.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.862 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

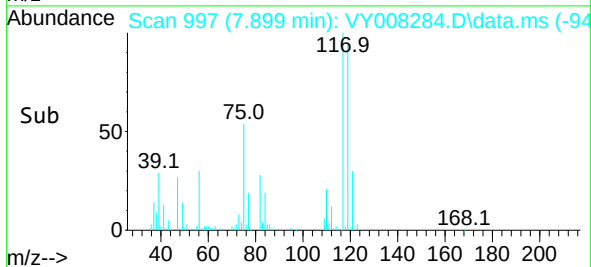
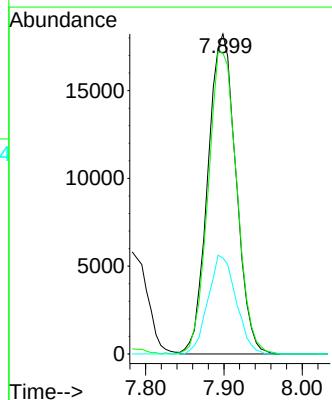
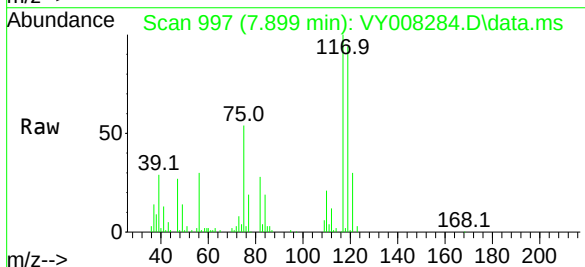
Tgt Ion: 117 Resp: 45520

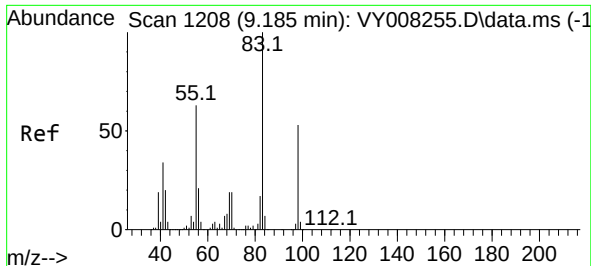
Ion Ratio Lower Upper

117 100

119 94.1 77.9 116.9

121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 19.856 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

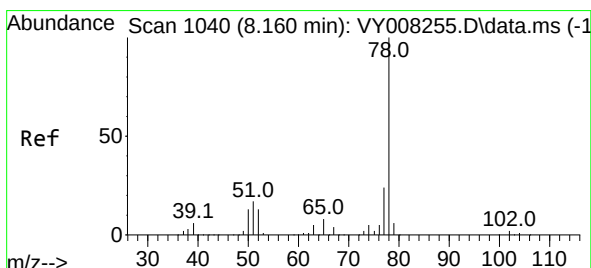
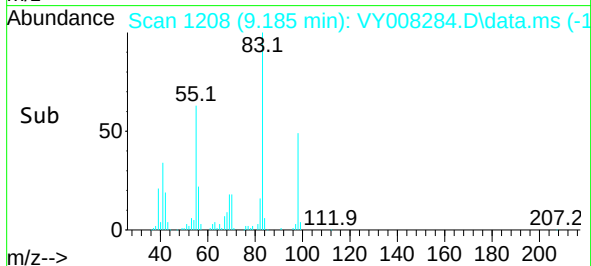
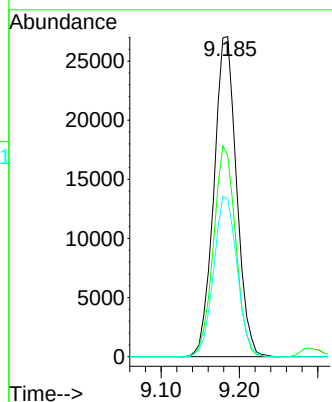
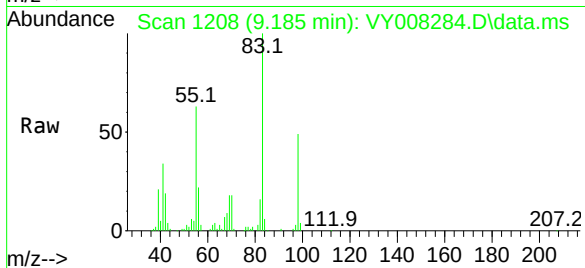
Tgt Ion: 83 Resp: 54426

Ion Ratio Lower Upper

83 100

55 62.9 66.5 99.7#

98 49.2 37.9 56.9



#40

Benzene

Concen: 19.716 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008284.D

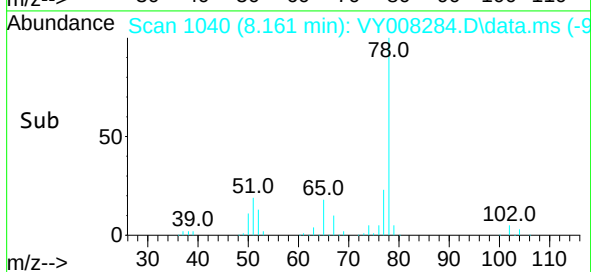
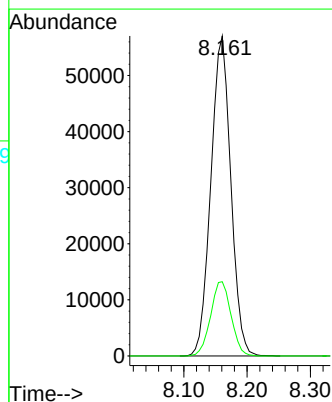
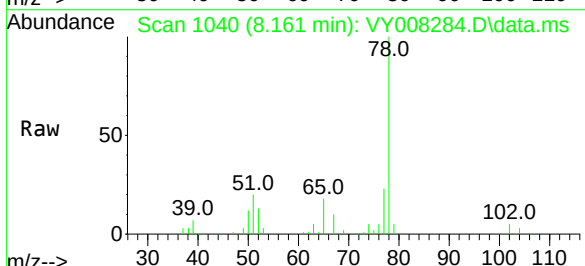
Acq: 12 Apr 2022 13:03

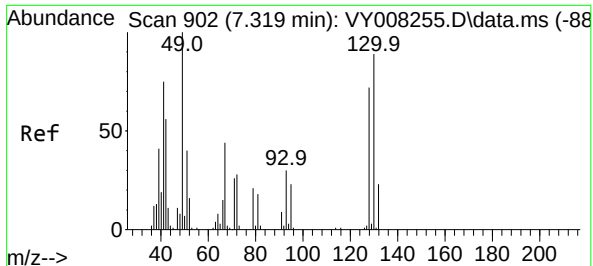
Tgt Ion: 78 Resp: 125070

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

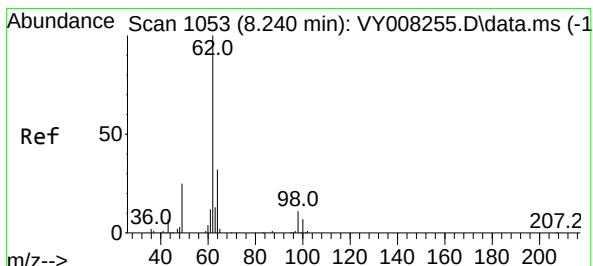
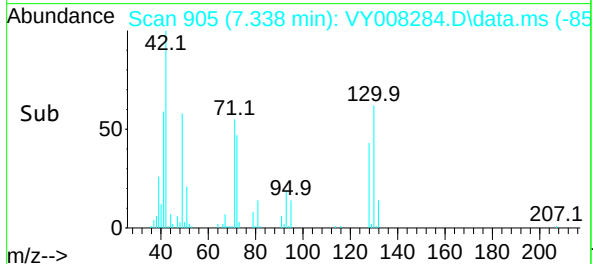
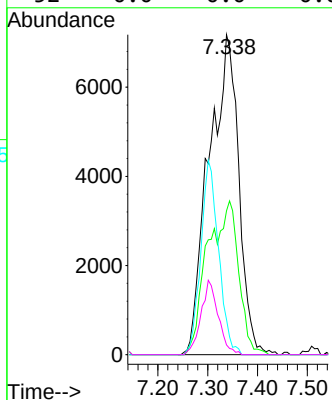
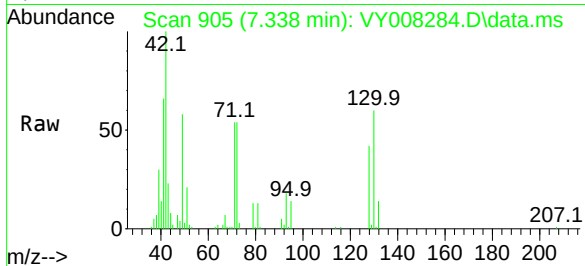




#41
Methacrylonitrile
Concen: 48.356 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

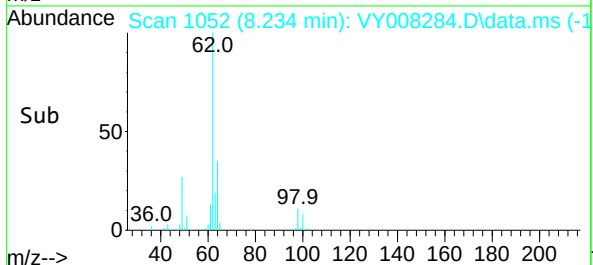
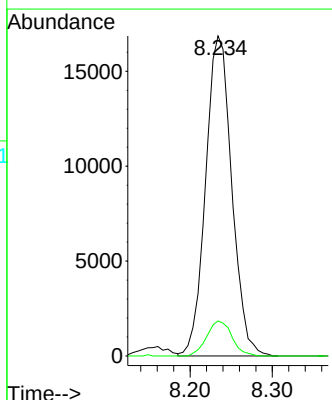
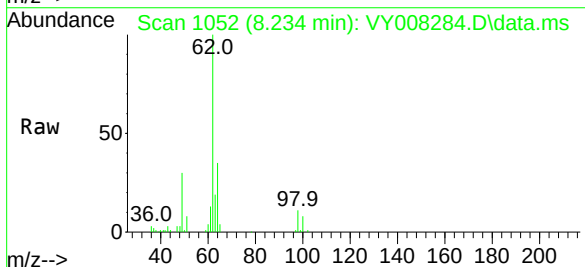
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

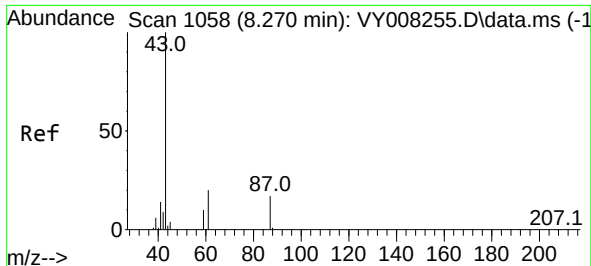
Tgt Ion: 41 Resp: 29715
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.268 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 62 Resp: 37301
Ion Ratio Lower Upper
62 100
98 10.5 0.0 14.8

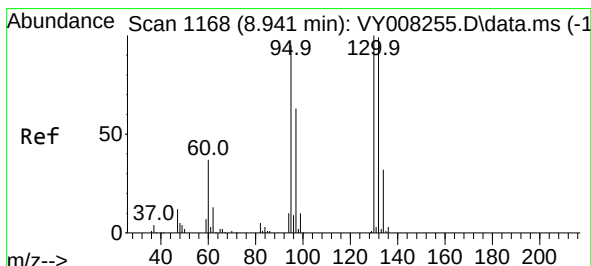
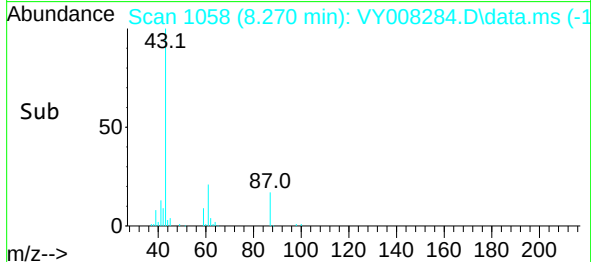
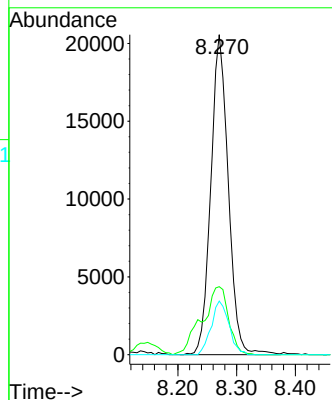
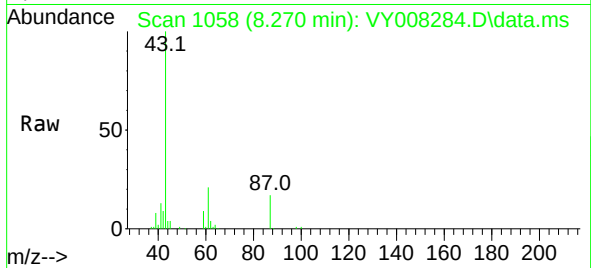




#43
Isopropyl Acetate
Concen: 20.804 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

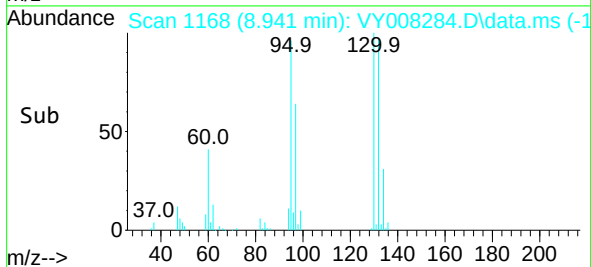
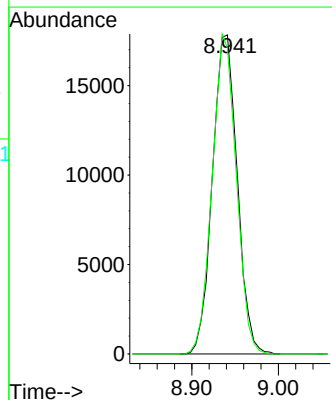
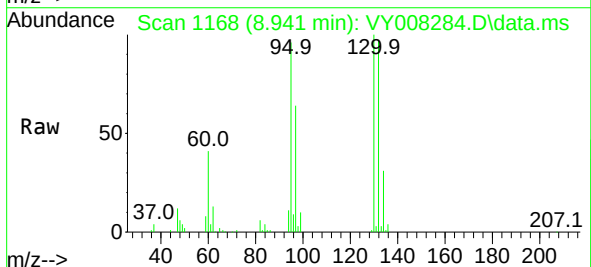
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

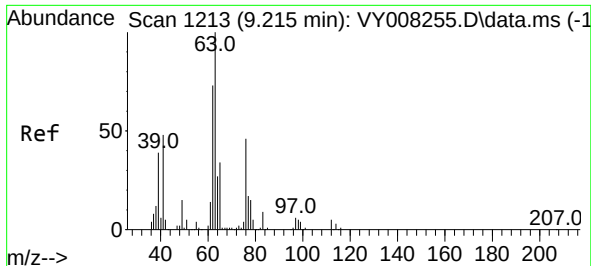
Tgt Ion: 43 Resp: 42412
Ion Ratio Lower Upper
43 100
61 32.2 20.2 30.2#
87 17.0 8.9 13.3#



#44
Trichloroethene
Concen: 19.581 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 130 Resp: 35401
Ion Ratio Lower Upper
130 100
95 95.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.894 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

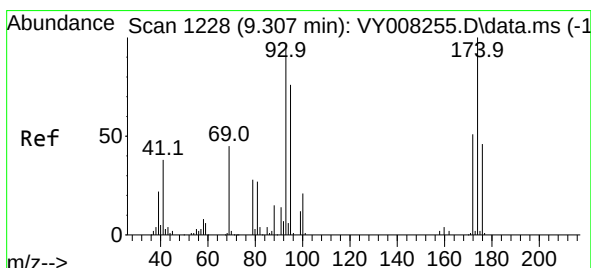
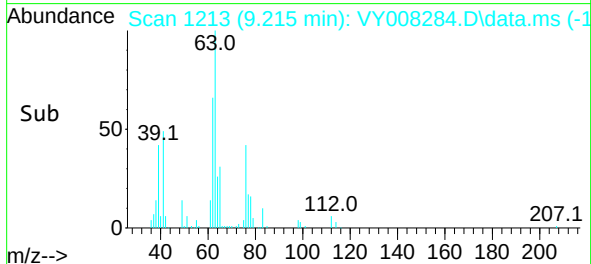
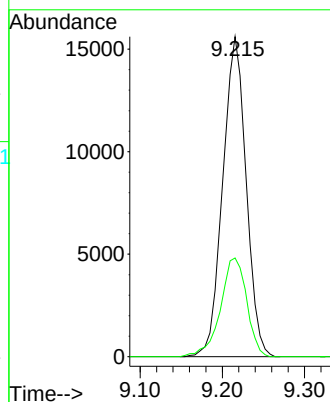
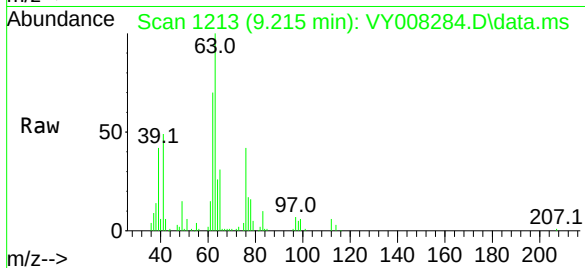
VY0412SBS01

Tgt Ion: 63 Resp: 30830

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 20.231 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

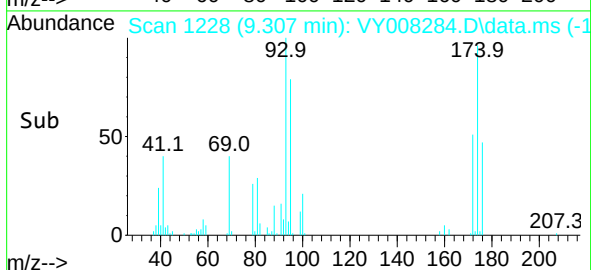
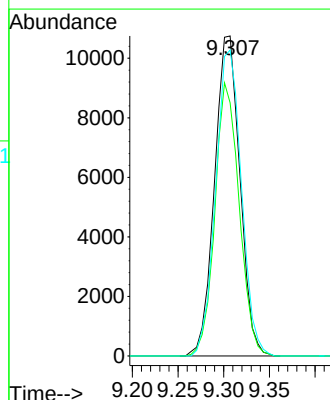
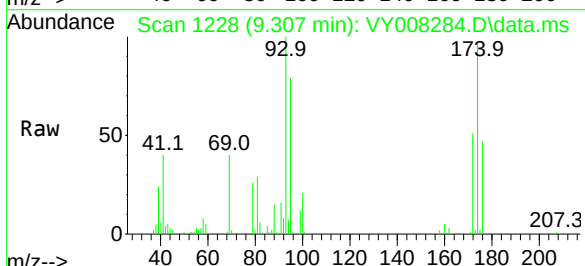
Tgt Ion: 93 Resp: 20750

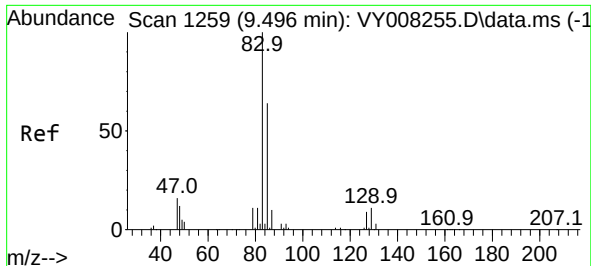
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 97.1 83.4 125.0

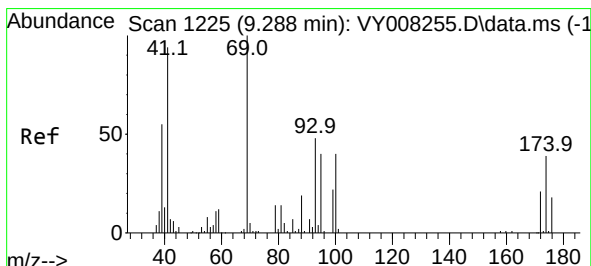
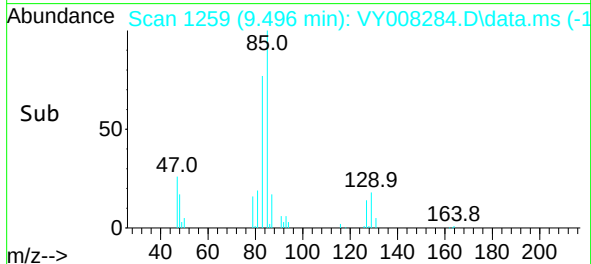
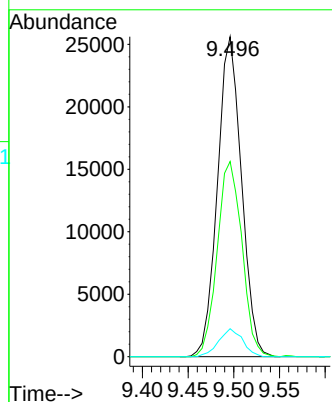
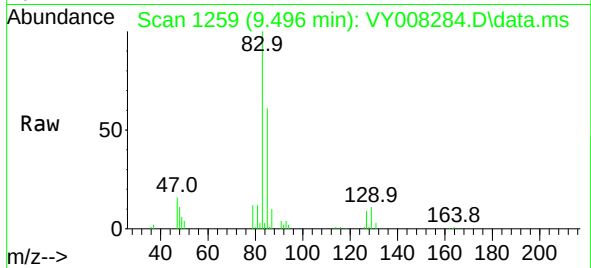




#47
Bromodichloromethane
Concen: 20.322 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

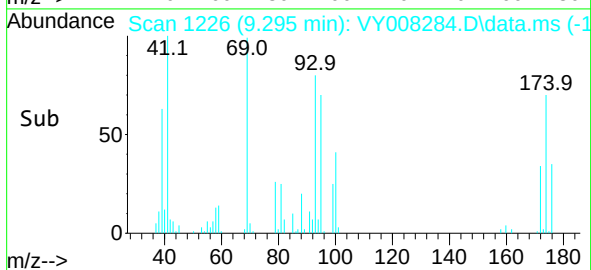
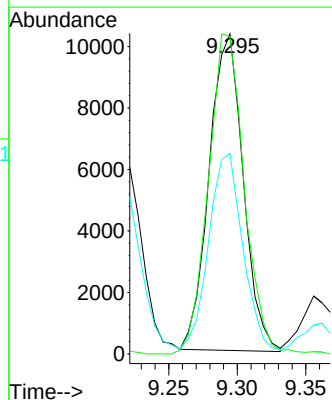
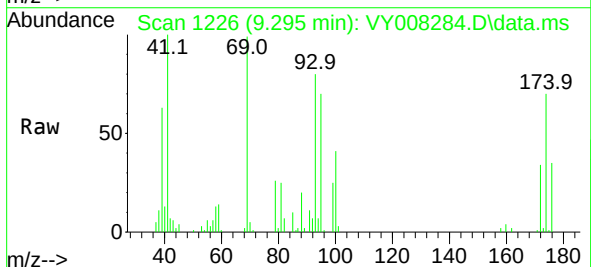
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

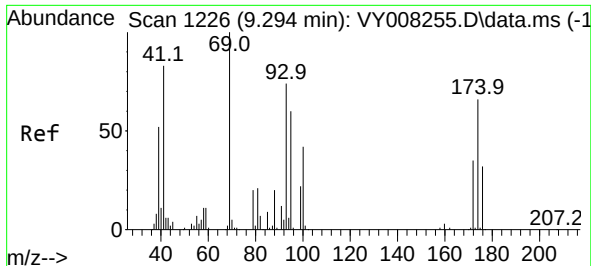
Tgt Ion: 83 Resp: 46876
Ion Ratio Lower Upper
83 100
85 61.0 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 20.515 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 41 Resp: 17779
Ion Ratio Lower Upper
41 100
69 106.9 58.2 87.2#
39 62.0 47.4 71.0





#49

1,4-Dioxane

Concen: 413.484 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

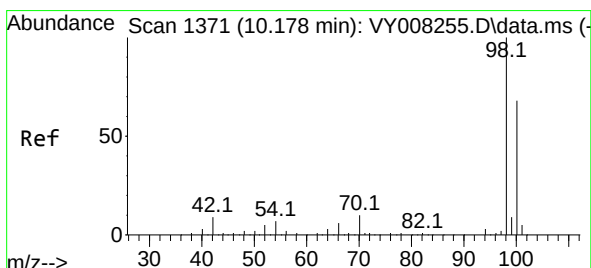
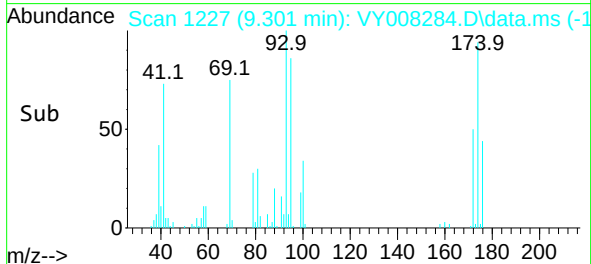
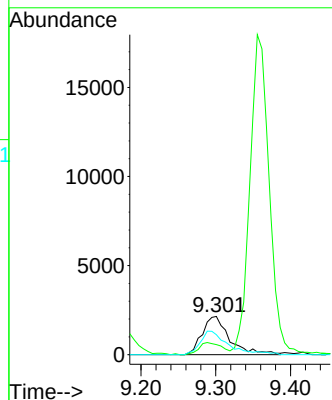
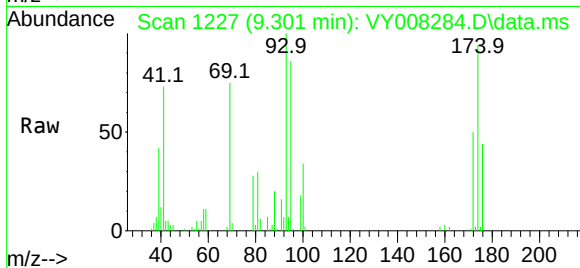
Tgt Ion: 88 Resp: 5473

Ion Ratio Lower Upper

88 100

43 26.6 32.8 49.2#

58 63.0 59.8 89.6



#50

Toluene-d8

Concen: 50.779 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008284.D

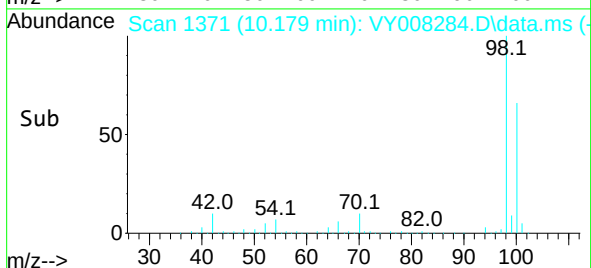
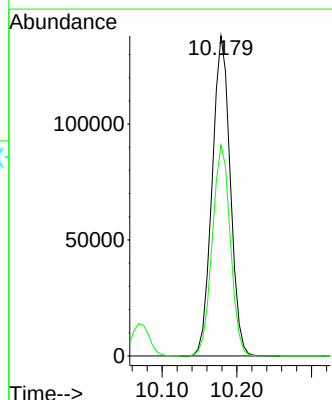
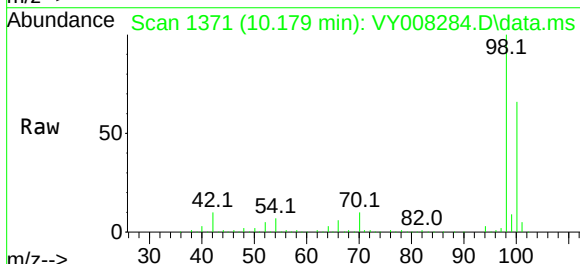
Acq: 12 Apr 2022 13:03

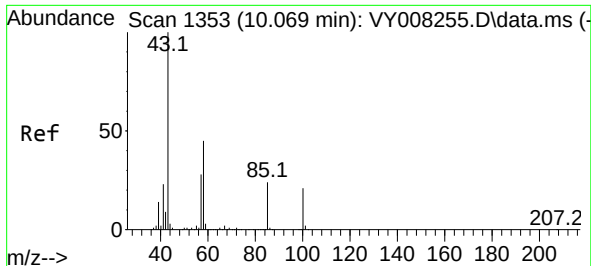
Tgt Ion: 98 Resp: 231800

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

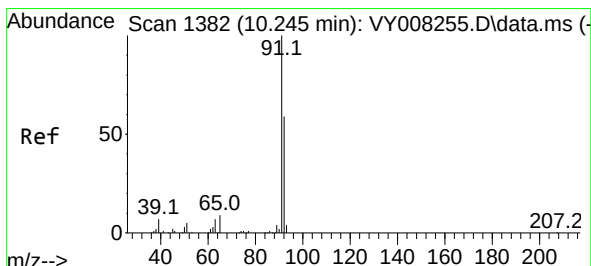
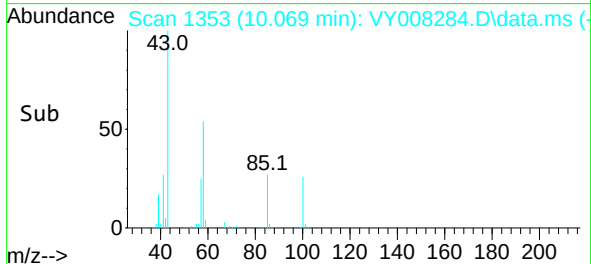
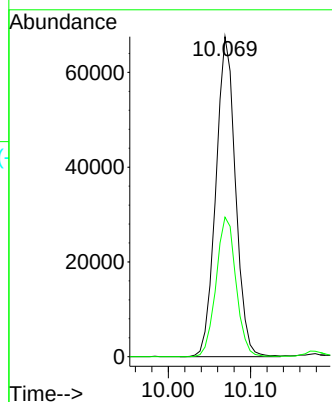
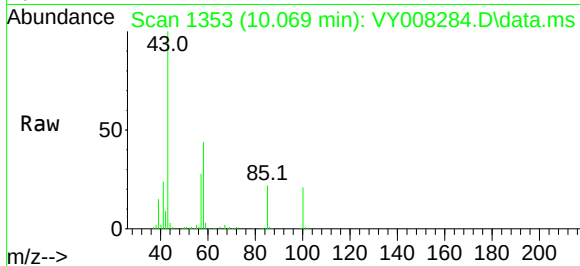




#51
4-Methyl-2-Pentanone
Concen: 106.358 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

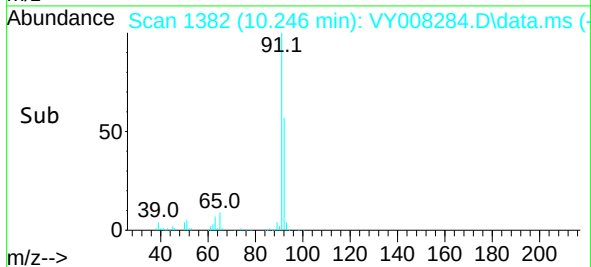
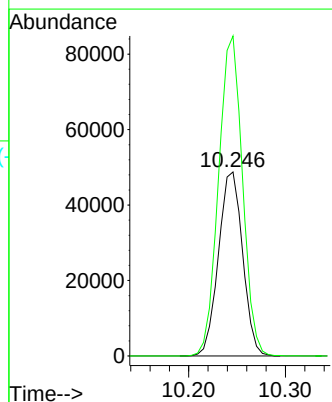
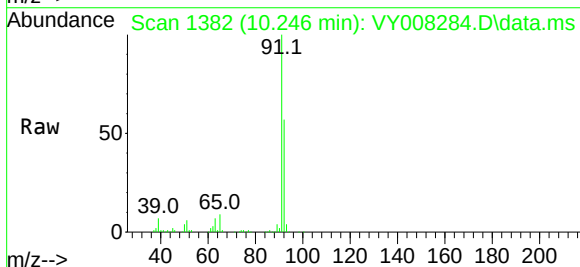
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

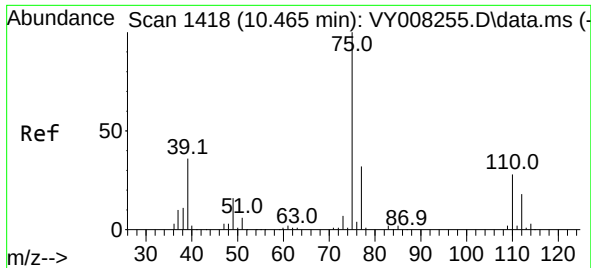
Tgt Ion: 43 Resp: 111960
Ion Ratio Lower Upper
43 100
58 44.4 28.1 42.1#



#52
Toluene
Concen: 20.202 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 92 Resp: 84438
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

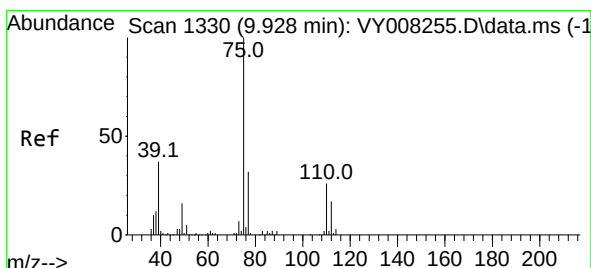
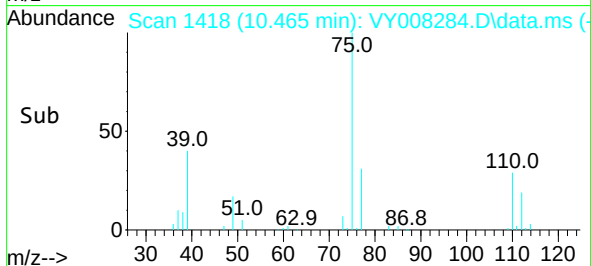
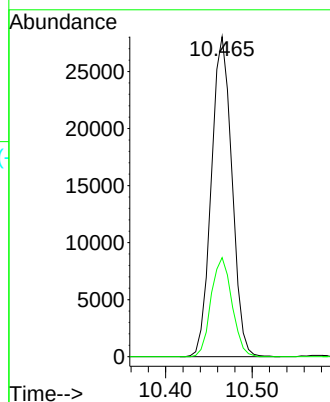
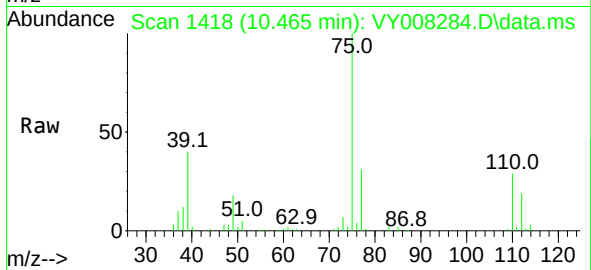




#53
t-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

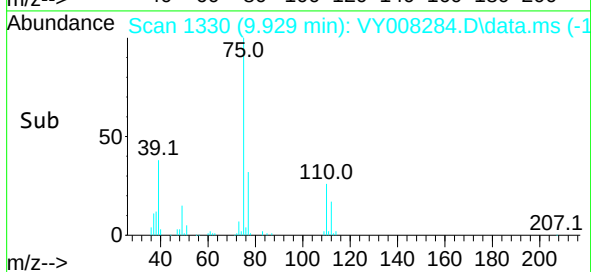
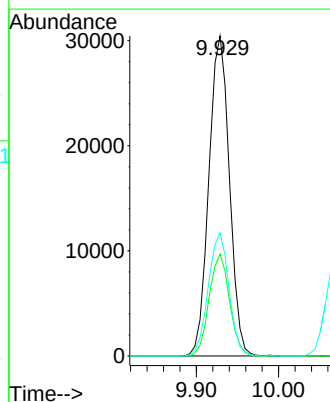
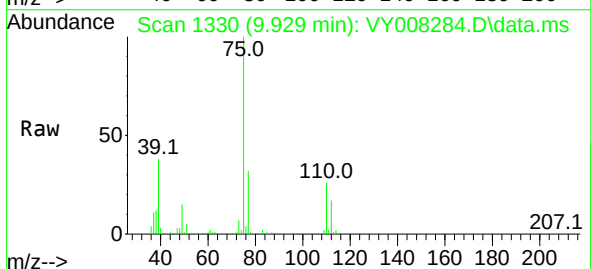
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

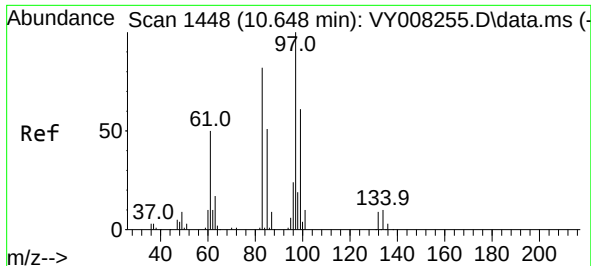
Tgt Ion: 75 Resp: 46396
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.920 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 75 Resp: 52830
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 38.4 47.6 71.4#

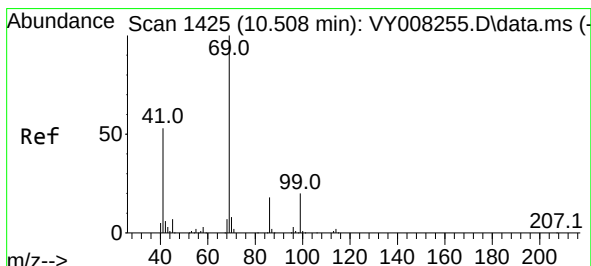
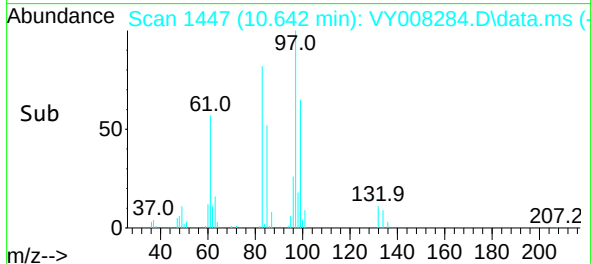
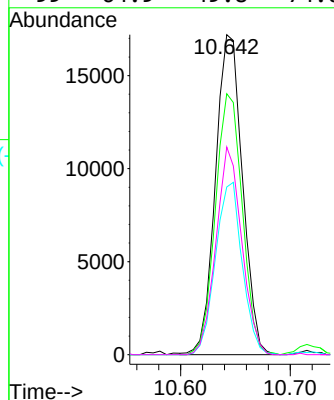
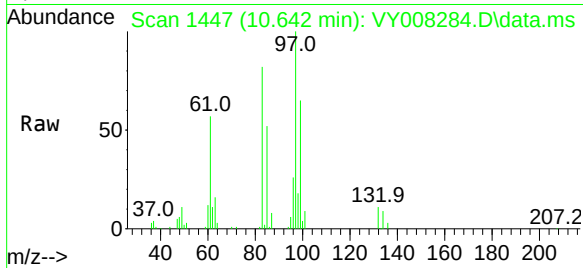




#55
1,1,2-Trichloroethane
Concen: 20.137 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

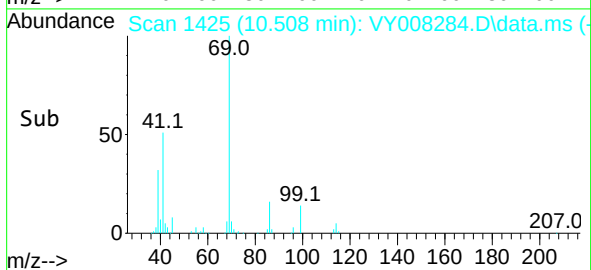
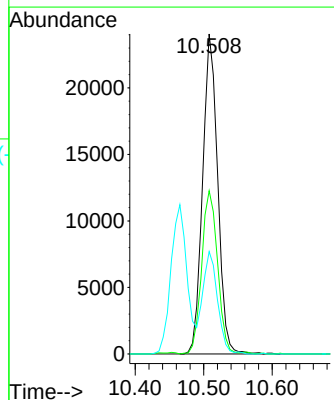
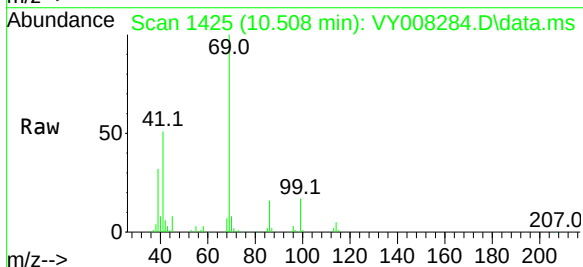
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

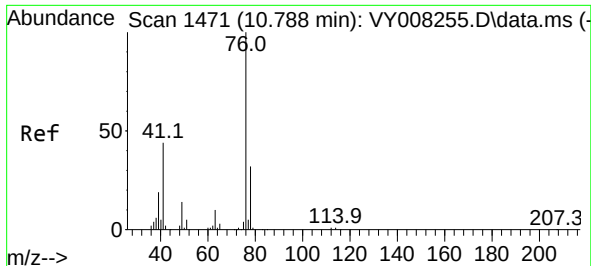
Tgt Ion:	97	Resp:	29462
Ion	Ratio	Lower	Upper
97	100		
83	81.6	69.8	104.8
85	52.4	44.3	66.5
99	64.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.569 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:	69	Resp:	36896
Ion	Ratio	Lower	Upper
69	100		
41	53.6	63.4	95.0#
39	31.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 20.002 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

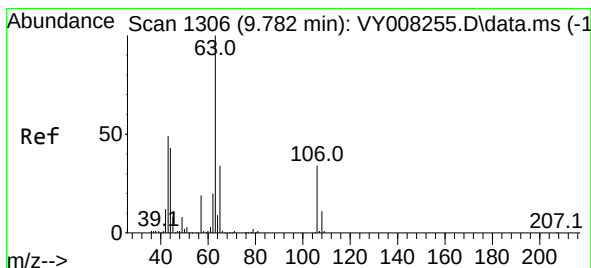
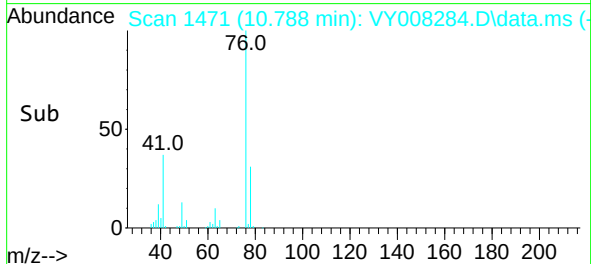
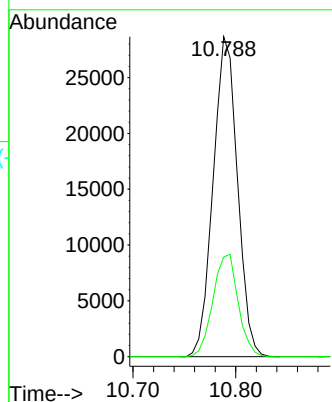
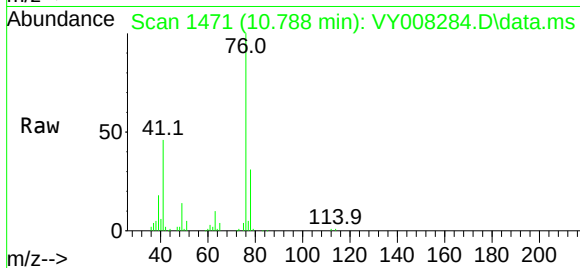
VY0412SBS01

Tgt Ion: 76 Resp: 46994

Ion Ratio Lower Upper

76 100

78 33.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.713 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008284.D

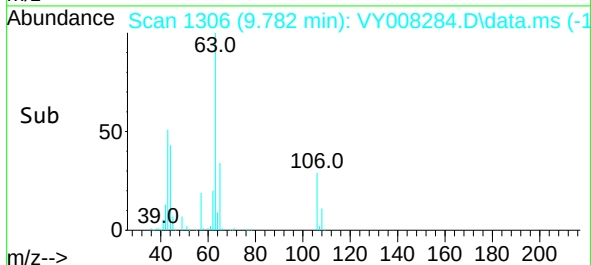
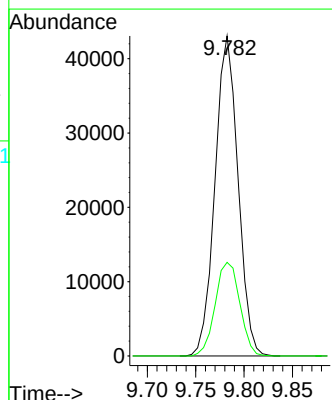
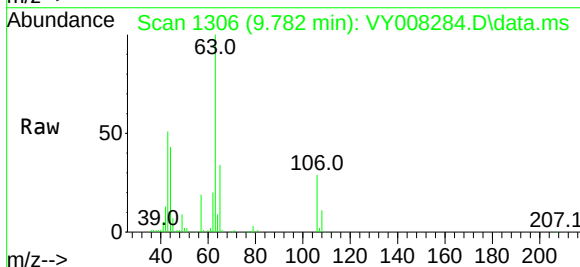
Acq: 12 Apr 2022 13:03

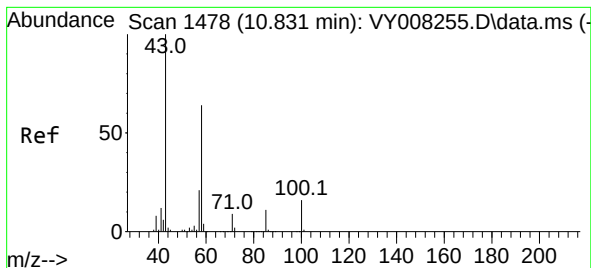
Tgt Ion: 63 Resp: 71162

Ion Ratio Lower Upper

63 100

106 31.3 21.5 32.3





#59

2-Hexanone

Concen: 107.383 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

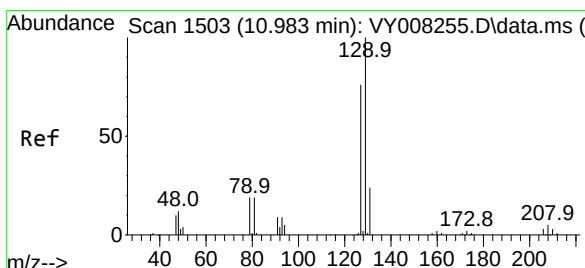
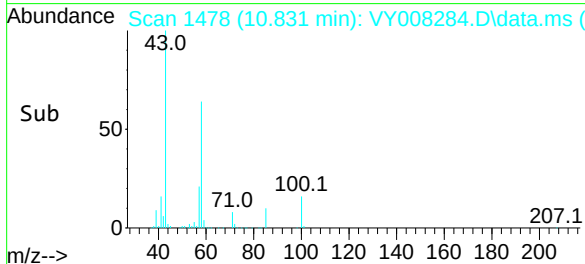
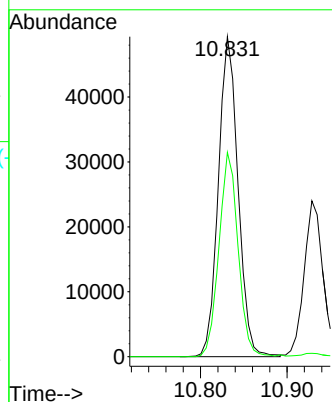
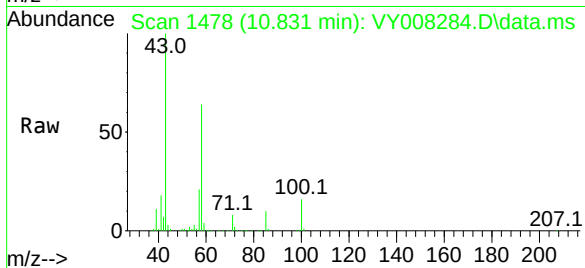
VY0412SBS01

Tgt Ion: 43 Resp: 77781

Ion Ratio Lower Upper

43 100

58 62.0 24.4 73.4



#60

Dibromochloromethane

Concen: 19.338 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY008284.D

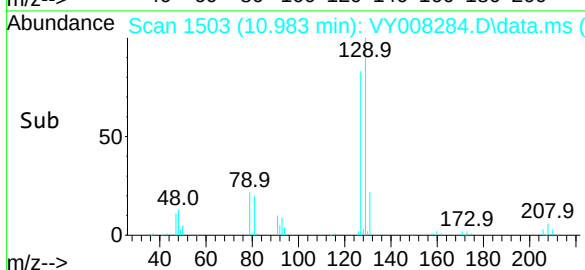
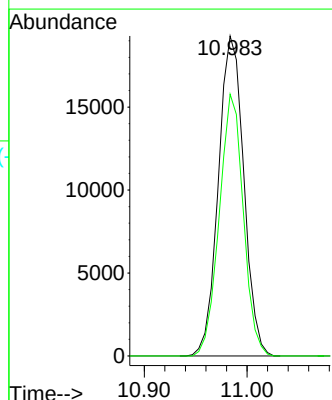
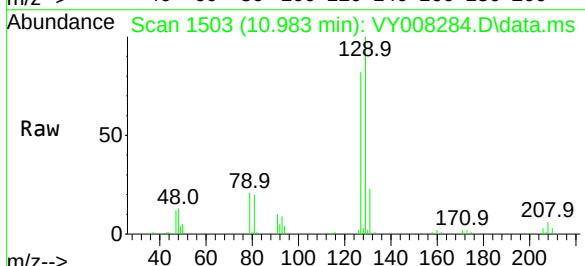
Acq: 12 Apr 2022 13:03

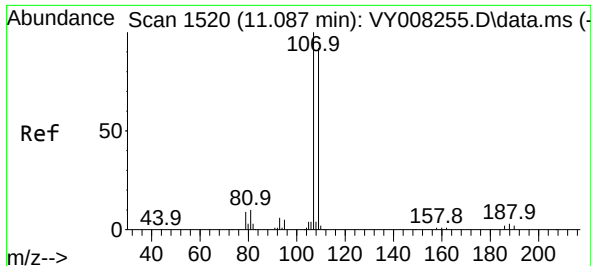
Tgt Ion: 129 Resp: 33050

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

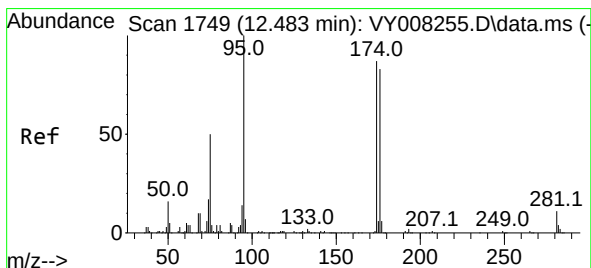
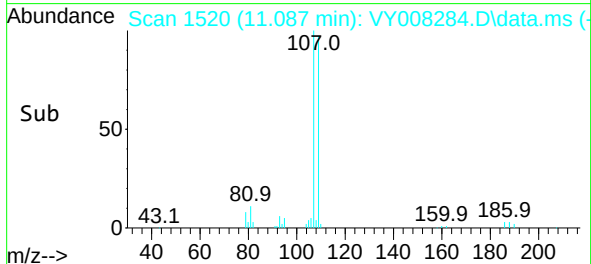
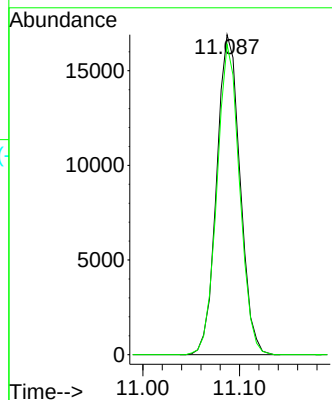
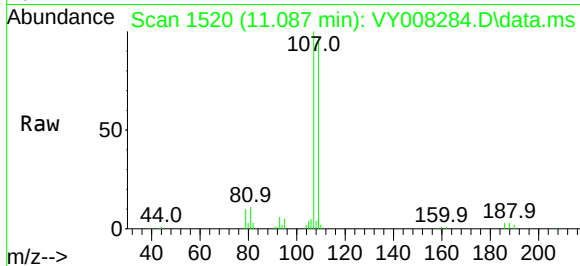




#61
1,2-Dibromoethane
Concen: 19.807 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

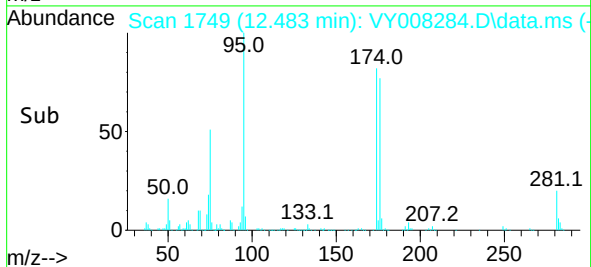
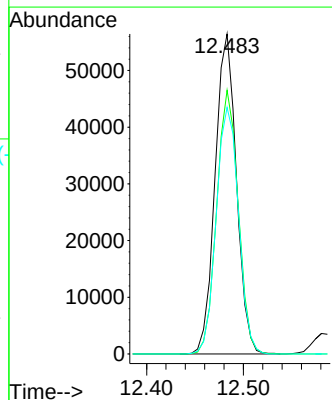
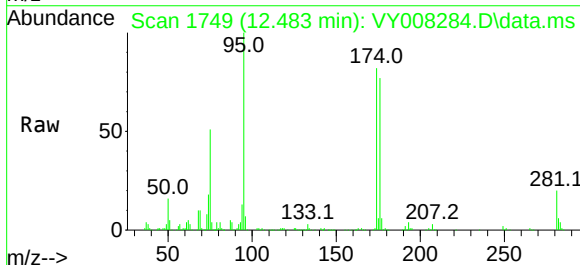
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

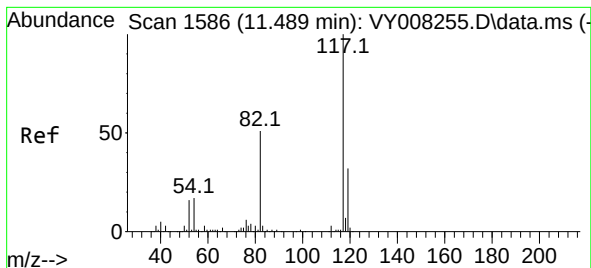
Tgt Ion:107 Resp: 28334
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 95 Resp: 86226
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.7 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: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

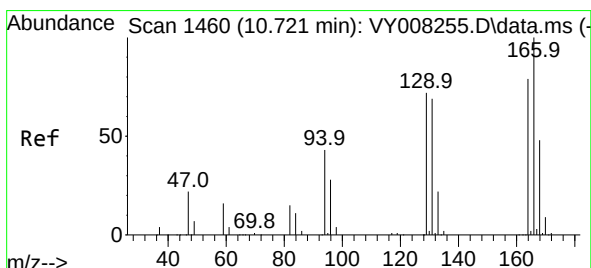
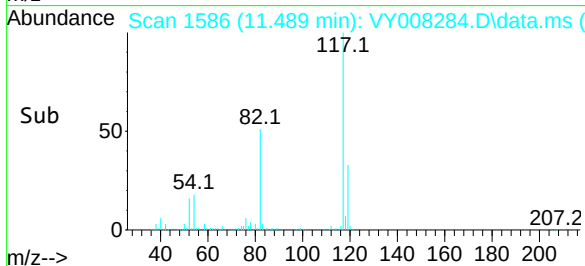
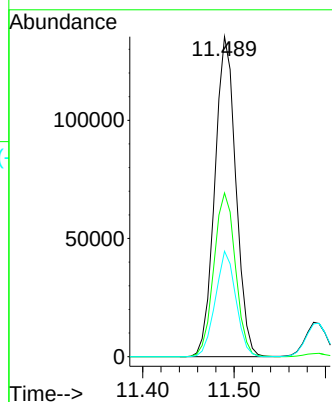
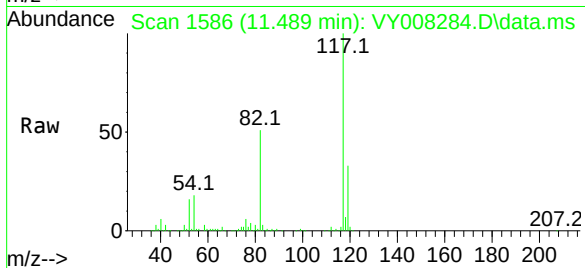
Tgt Ion:117 Resp: 216609

Ion Ratio Lower Upper

117 100

82 51.2 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 19.565 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Tgt Ion:164 Resp: 29870

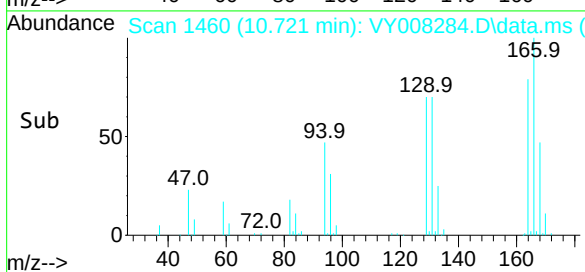
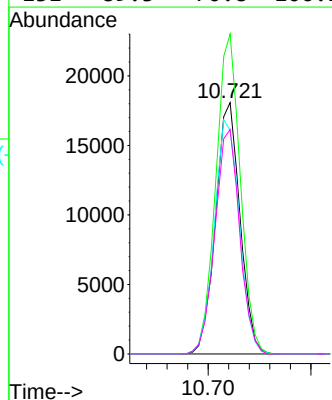
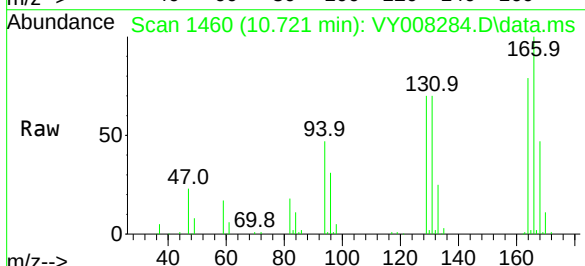
Ion Ratio Lower Upper

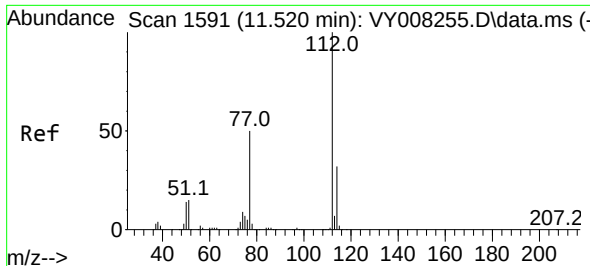
164 100

166 127.3 100.4 150.6

129 88.9 71.4 107.0

131 89.3 70.8 106.2

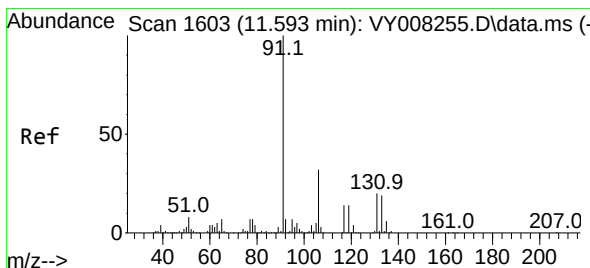
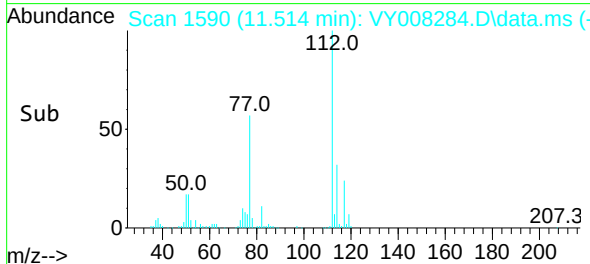
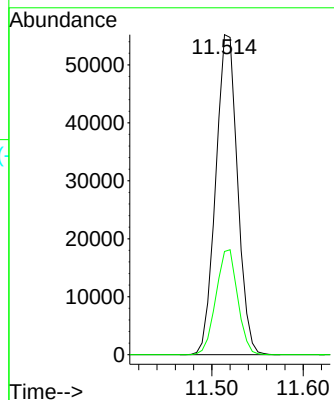
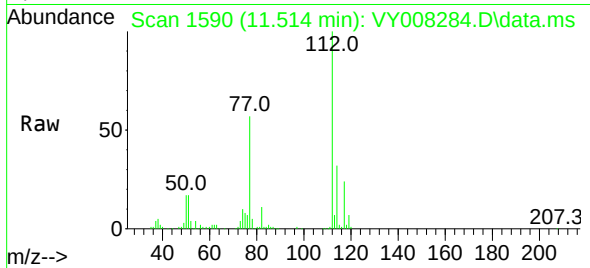




#65
Chlorobenzene
Concen: 19.455 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

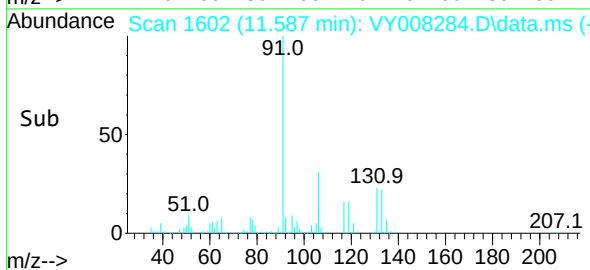
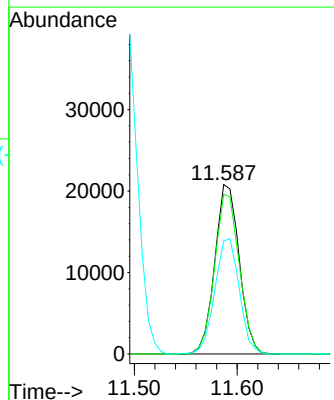
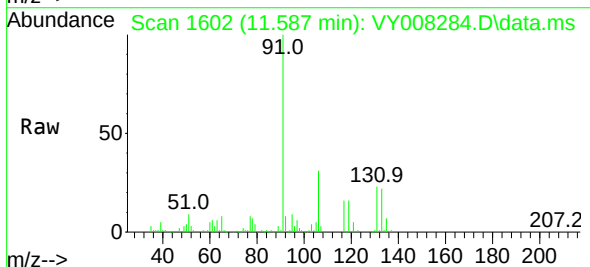
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

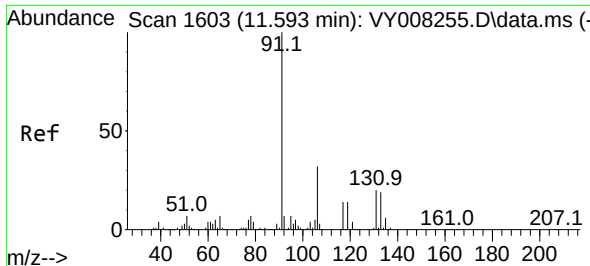
Tgt Ion:112 Resp: 91390
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.610 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:131 Resp: 34374
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 68.1 30.8 92.3





#67

Ethyl Benzene

Concen: 20.064 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

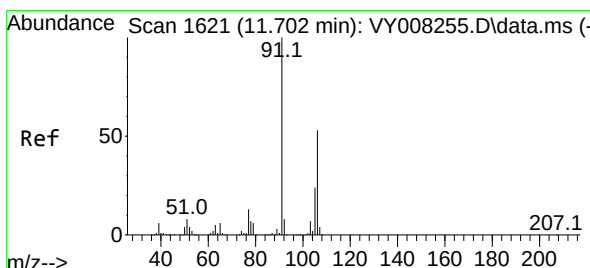
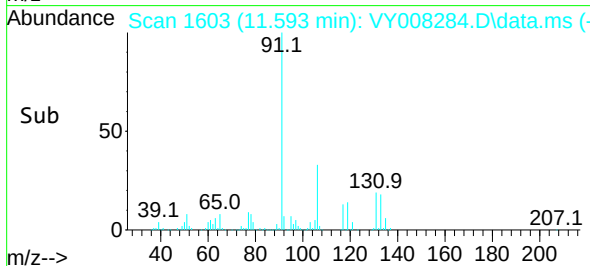
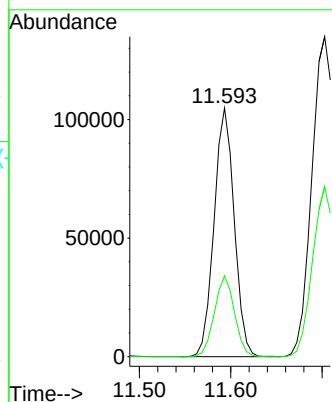
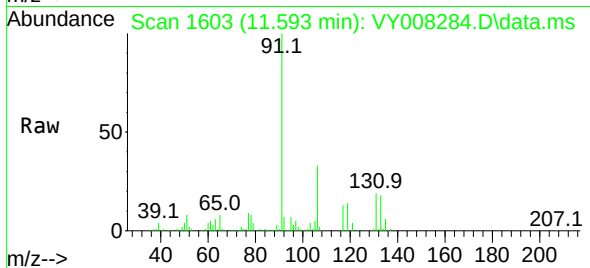
VY0412SBS01

Tgt Ion: 91 Resp: 160282

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 40.245 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008284.D

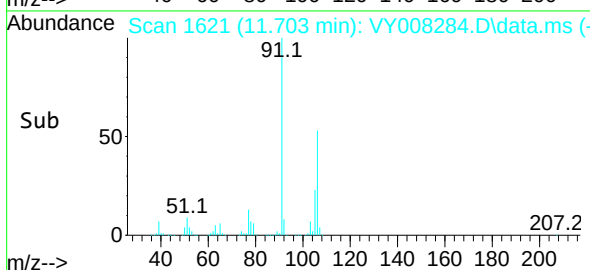
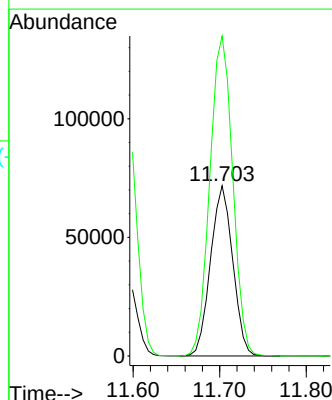
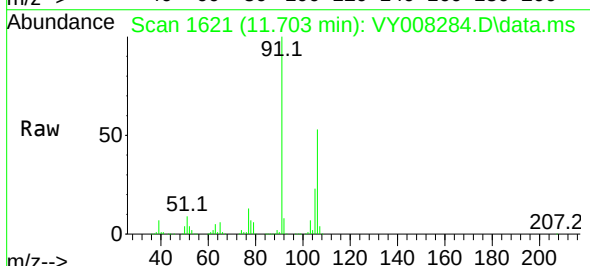
Acq: 12 Apr 2022 13:03

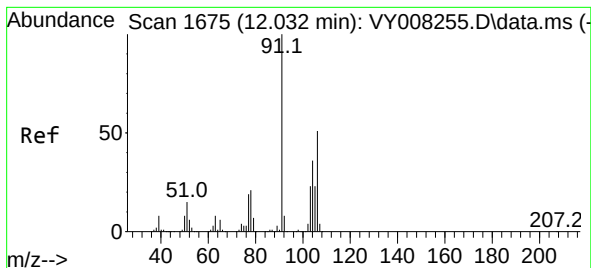
Tgt Ion: 106 Resp: 127861

Ion Ratio Lower Upper

106 100

91 193.4 166.6 249.8

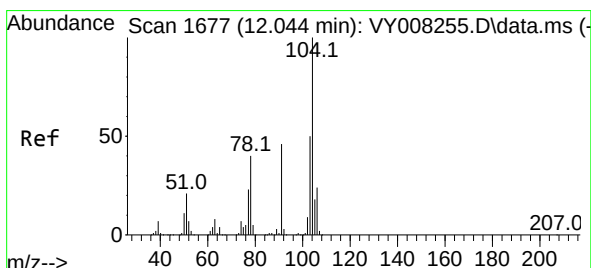
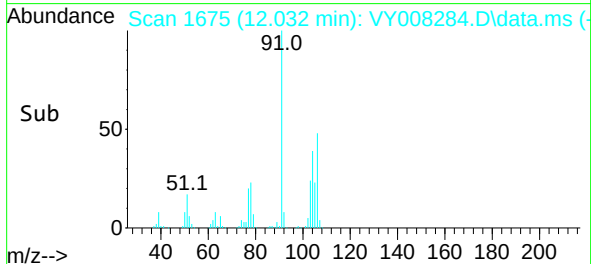
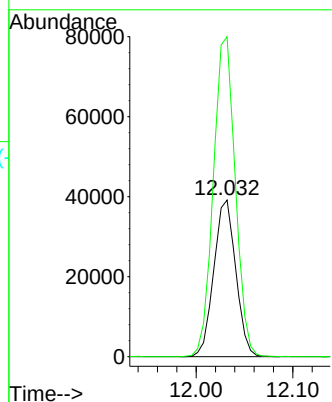
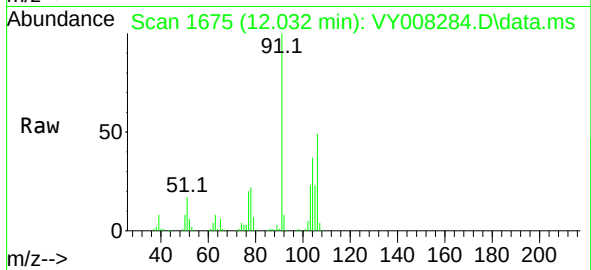




#69
o-Xylene
Concen: 20.026 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

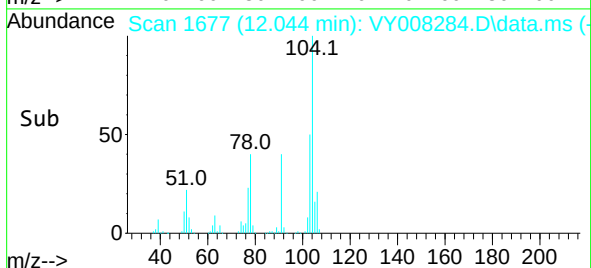
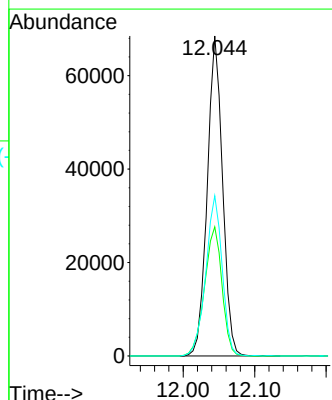
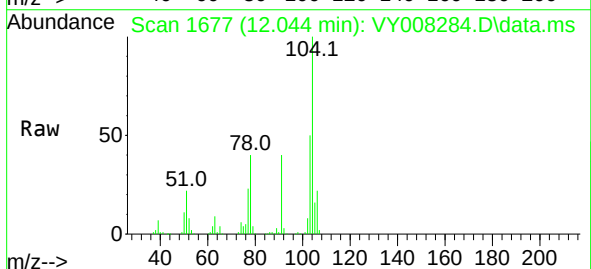
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

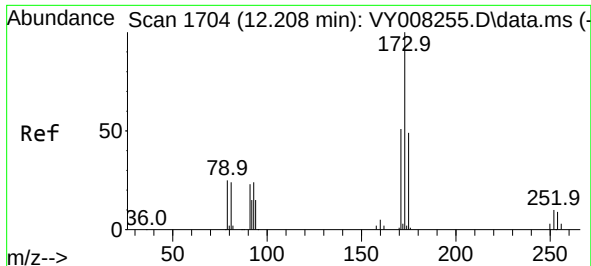
Tgt Ion:106 Resp: 61741
Ion Ratio Lower Upper
106 100
91 204.4 110.3 331.0



#70
Styrene
Concen: 20.044 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:104 Resp: 101917
Ion Ratio Lower Upper
104 100
78 45.9 42.4 63.6
103 53.8 44.4 66.6

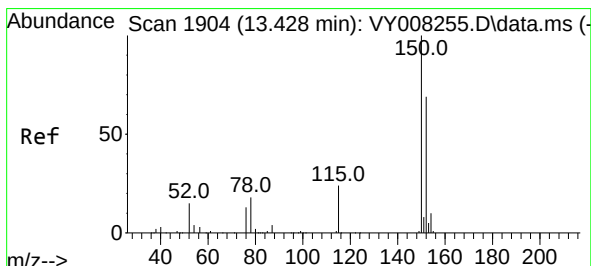
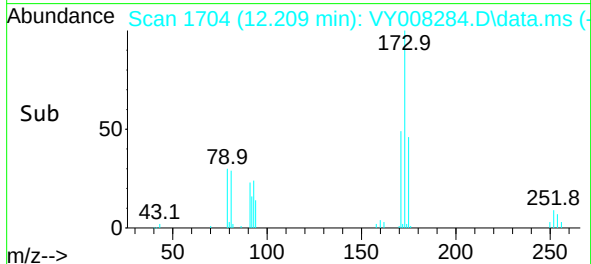
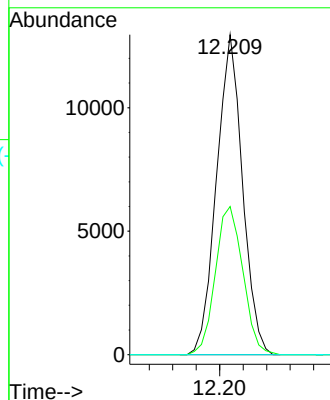
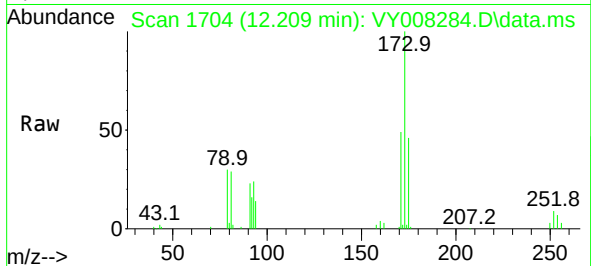




#71
Bromoform
Concen: 18.810 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

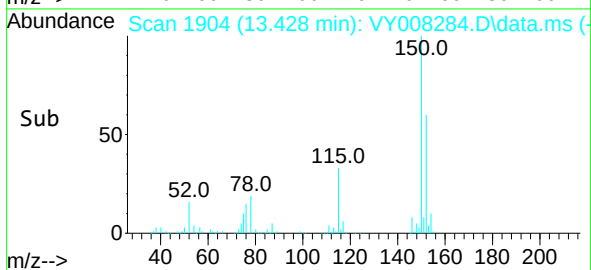
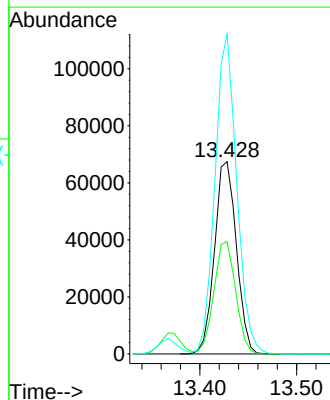
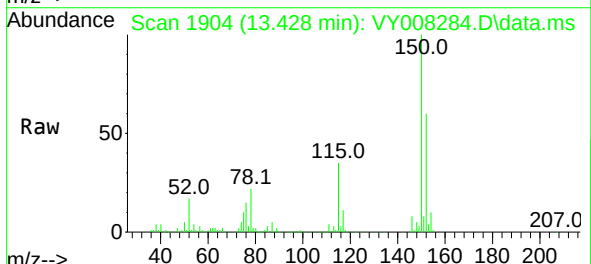
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

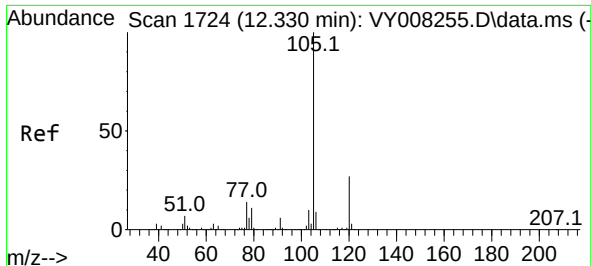
Tgt Ion:173 Resp: 19875
Ion Ratio Lower Upper
173 100
175 49.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:152 Resp: 105776
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 165.3 0.0 347.6

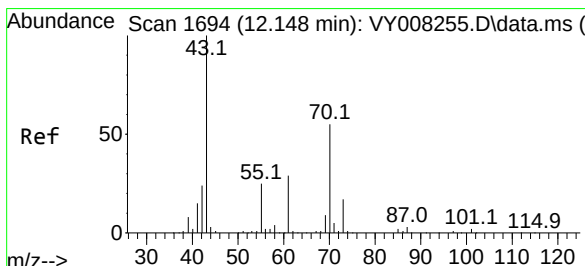
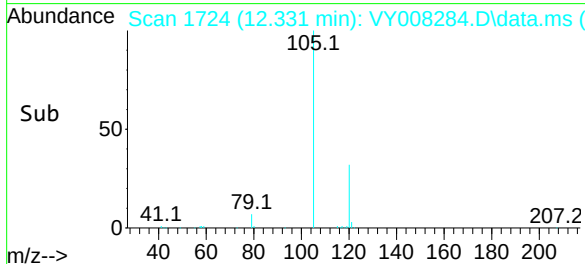
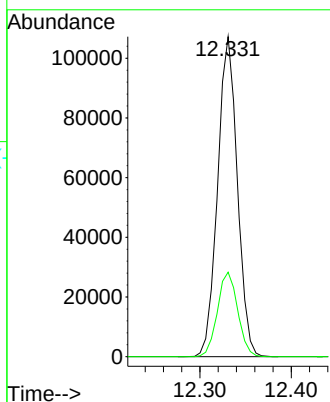
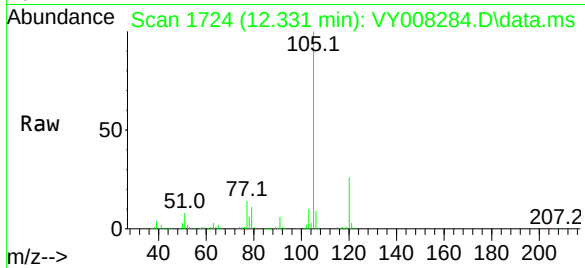




#73
Isopropylbenzene
Concen: 20.457 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

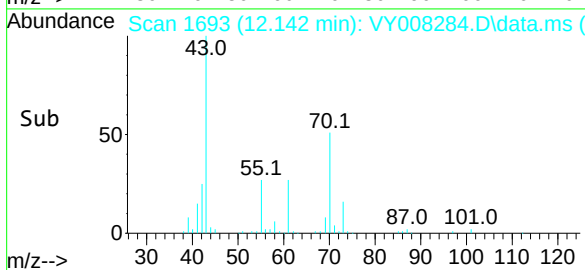
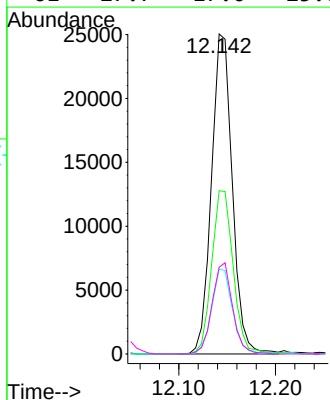
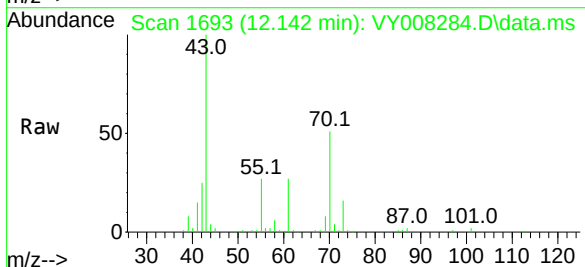
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

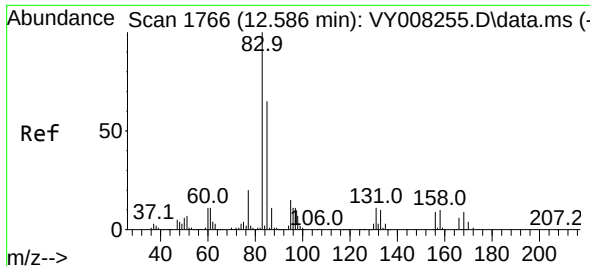
Tgt Ion:105 Resp: 160875
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 21.981 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 43 Resp: 37530
Ion Ratio Lower Upper
43 100
70 52.5 28.7 43.1#
55 26.6 17.3 25.9#
61 27.7 17.0 25.6#

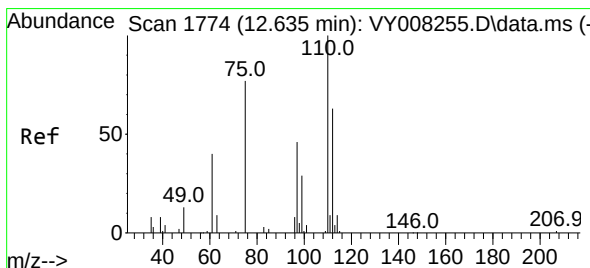
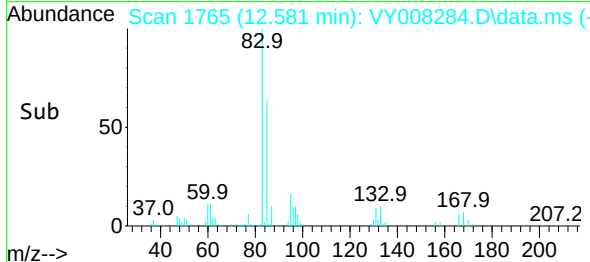
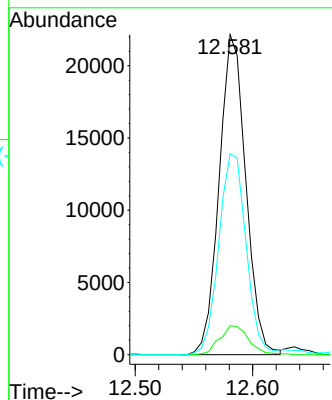
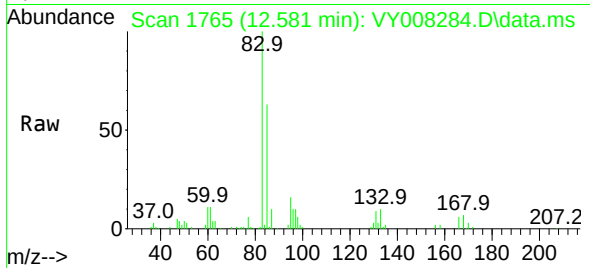




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.016 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008284.D
 Acq: 12 Apr 2022 13:03

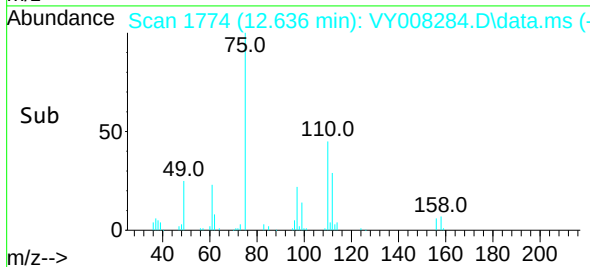
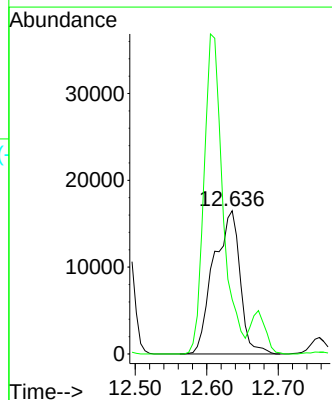
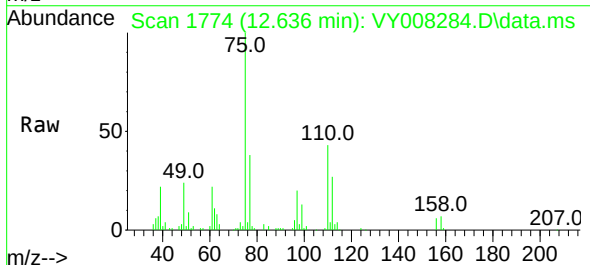
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

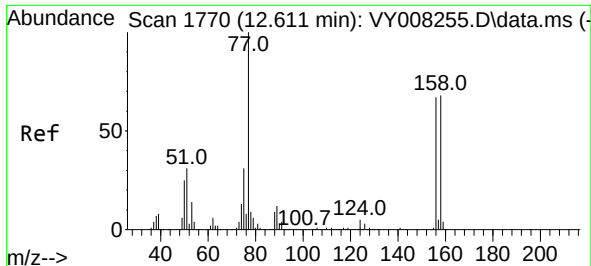
Tgt Ion: 83 Resp: 34972
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.6 16.8
 85 65.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 36.280 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY008284.D
 Acq: 12 Apr 2022 13:03

Tgt Ion: 75 Resp: 42442
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

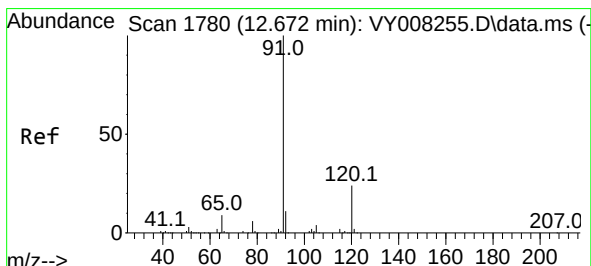
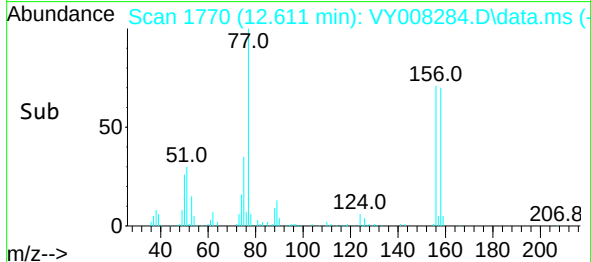
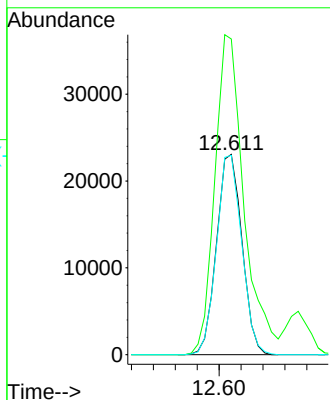
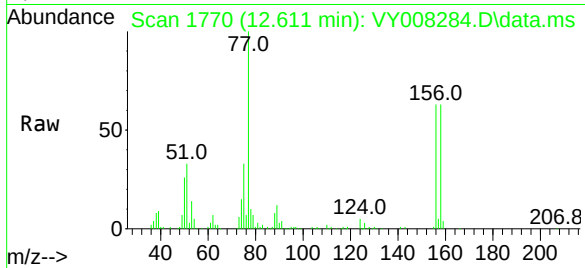




#77
Bromobenzene
Concen: 19.287 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

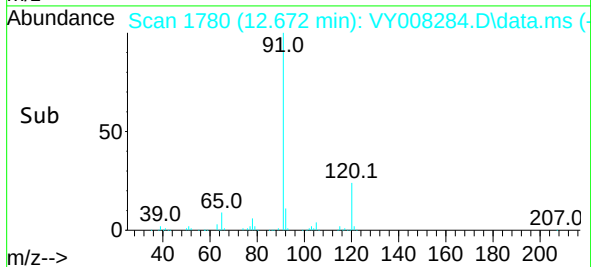
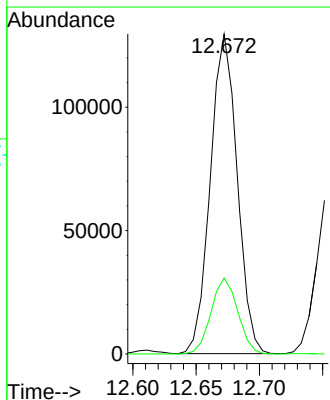
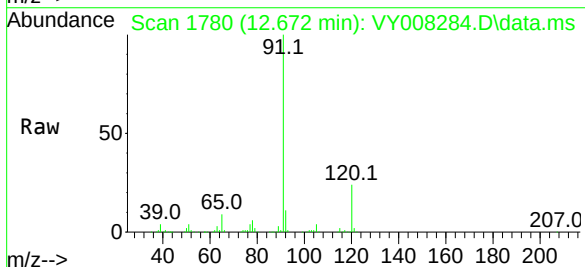
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

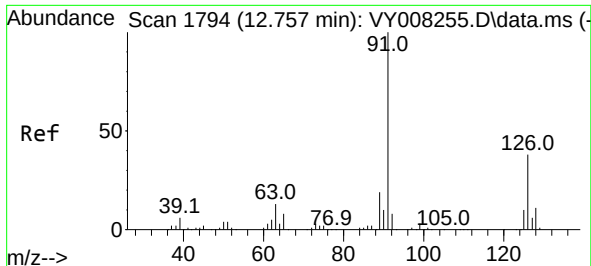
Tgt Ion:156 Resp: 37169
Ion Ratio Lower Upper
156 100
77 182.7 95.5 286.4
158 98.9 48.0 144.0



#78
n-propylbenzene
Concen: 20.575 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 91 Resp: 190936
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9

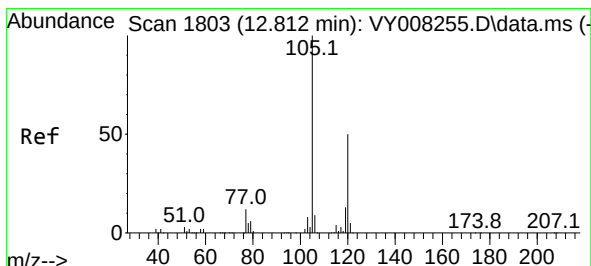
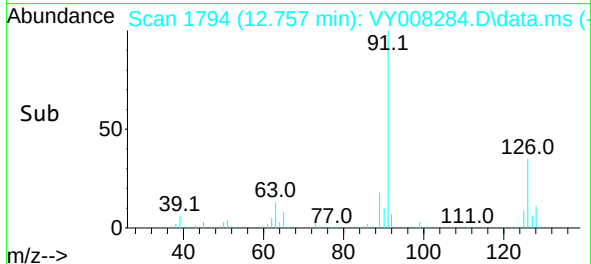
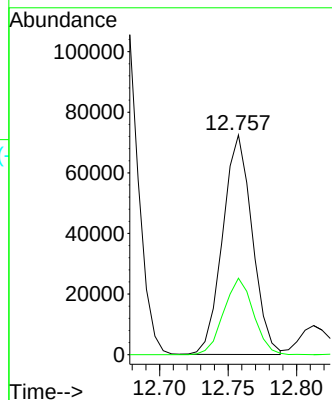
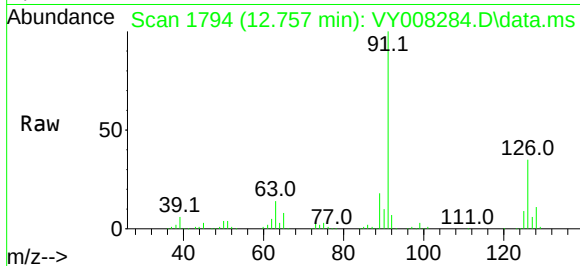




#79
2-Chlorotoluene
Concen: 20.888 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

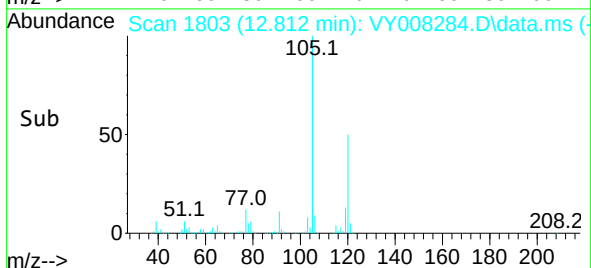
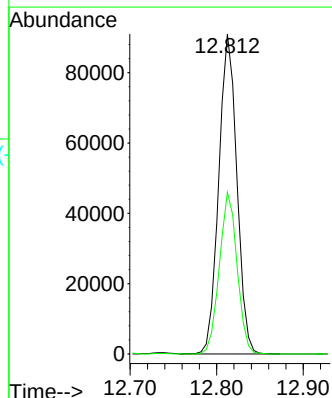
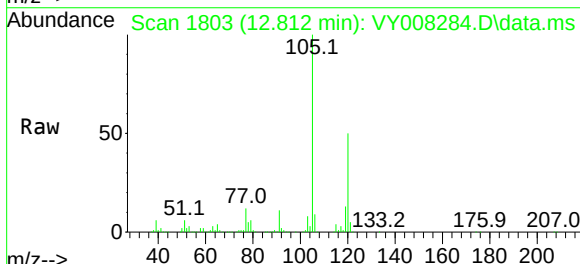
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

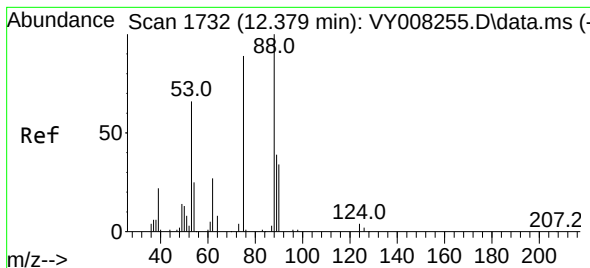
Tgt Ion: 91 Resp: 108786
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.478 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 105 Resp: 132054
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4

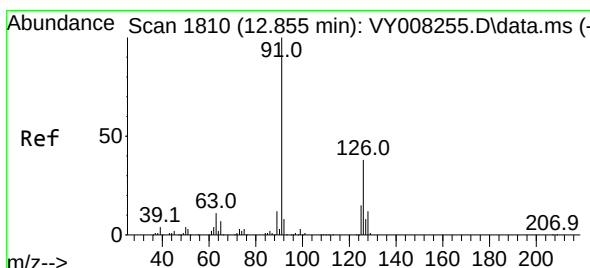
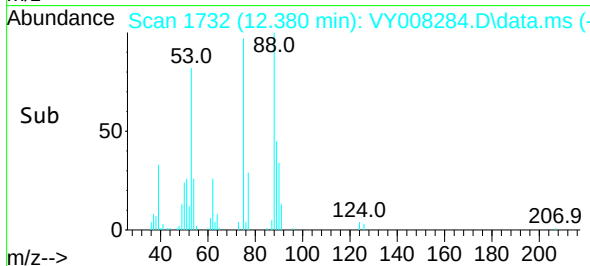
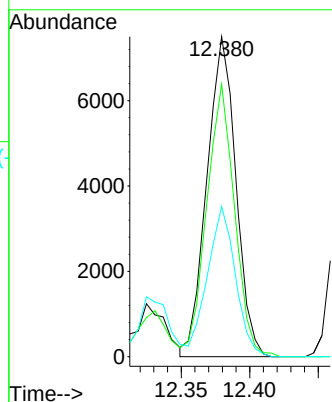
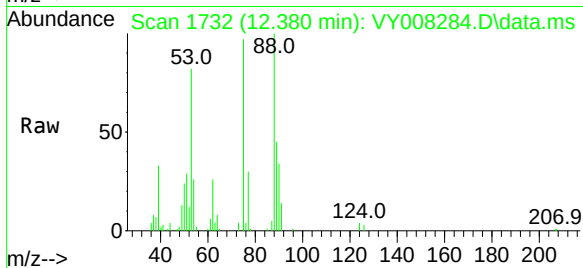




#81
trans-1,4-Dichloro-2-butene
Concen: 21.075 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

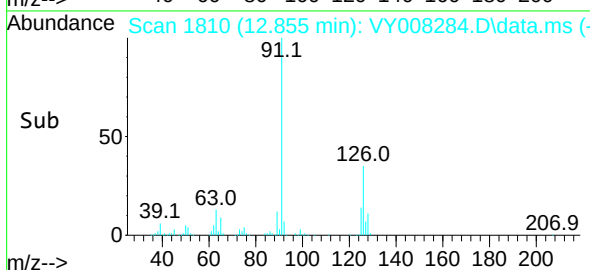
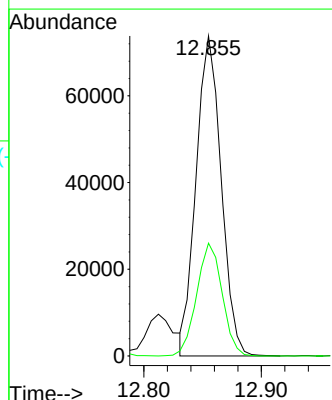
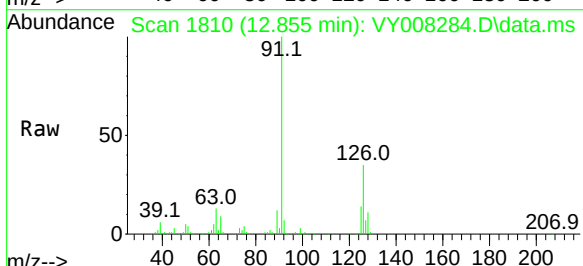
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

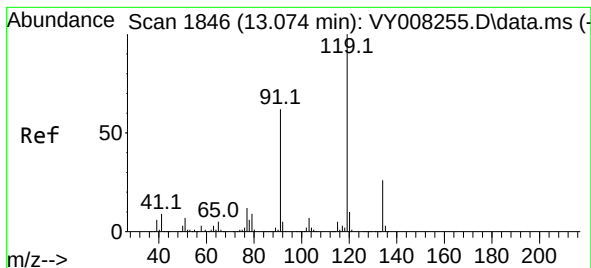
Tgt Ion: 75 Resp: 11019
Ion Ratio Lower Upper
75 100
53 81.8 85.3 127.9#
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.445 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion: 91 Resp: 109418
Ion Ratio Lower Upper
91 100
126 35.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.272 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

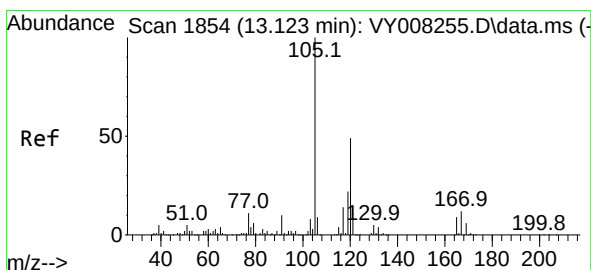
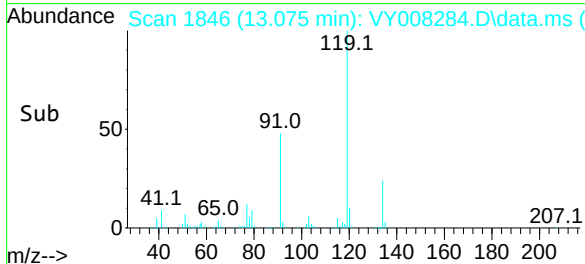
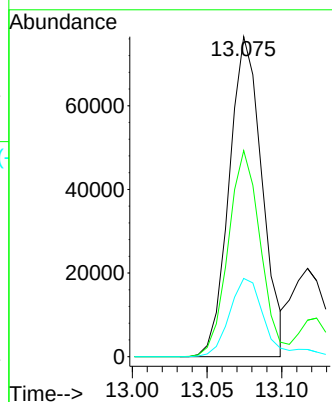
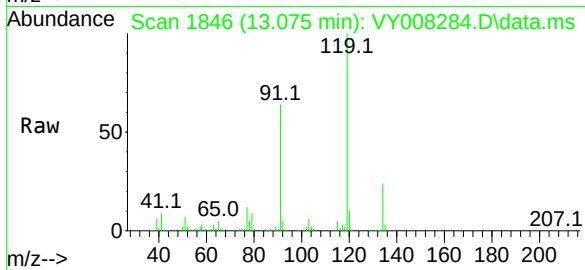
Tgt Ion:119 Resp: 117276

Ion Ratio Lower Upper

119 100

91 63.3 34.8 104.4

134 26.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.353 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008284.D

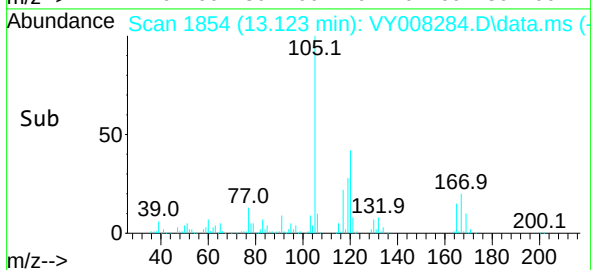
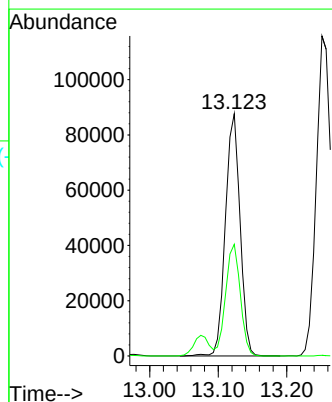
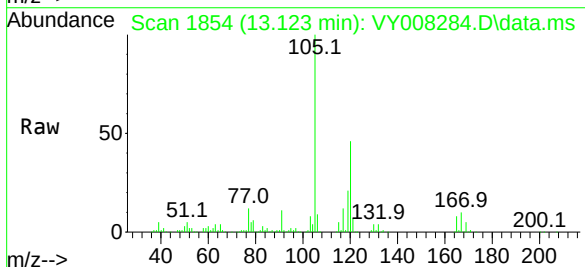
Acq: 12 Apr 2022 13:03

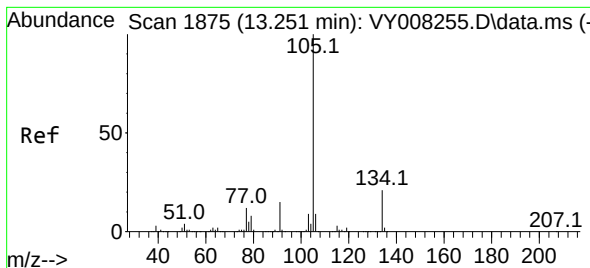
Tgt Ion:105 Resp: 129886

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.457 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

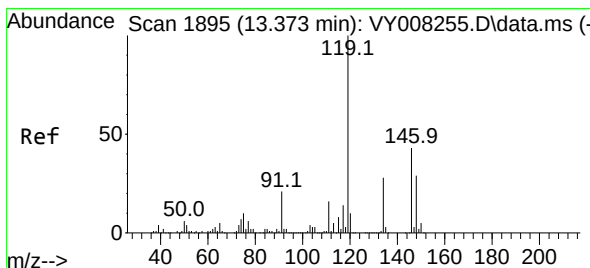
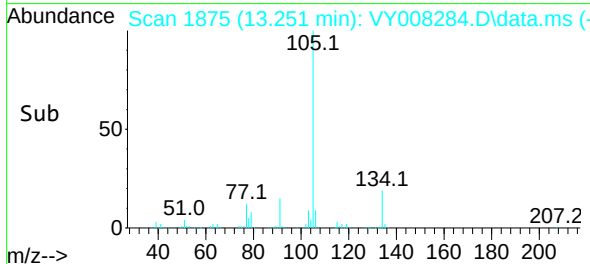
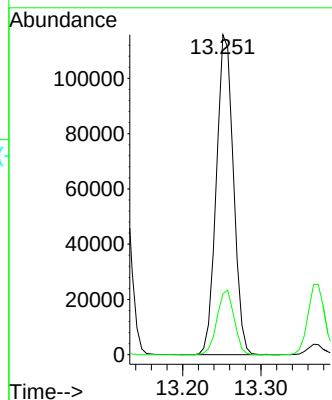
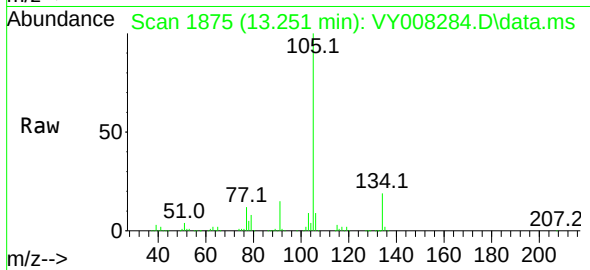
VY0412SBS01

Tgt Ion:105 Resp: 175453

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.225 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

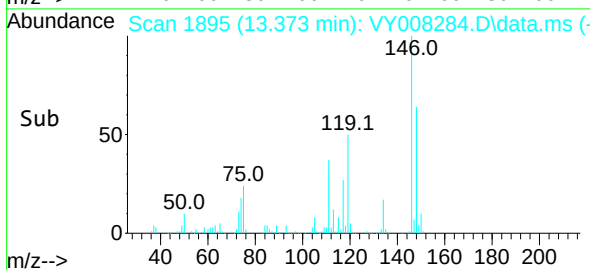
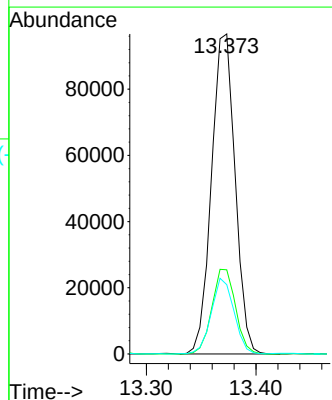
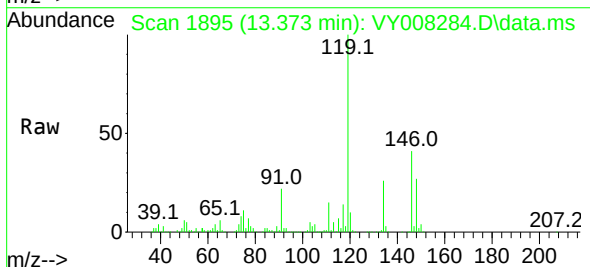
Tgt Ion:119 Resp: 144755

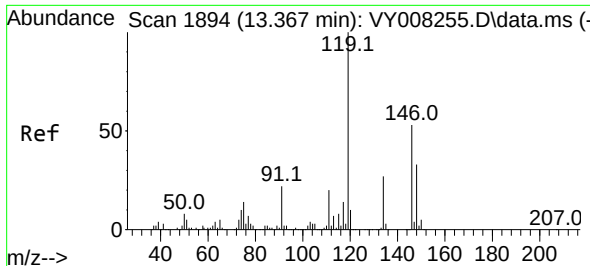
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 22.7 12.4 37.2

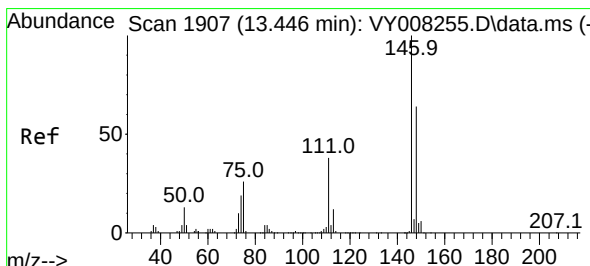
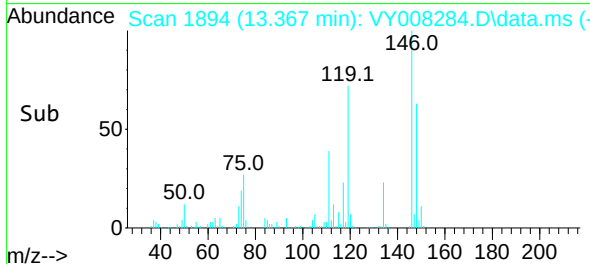
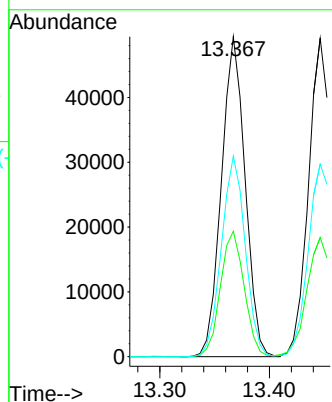
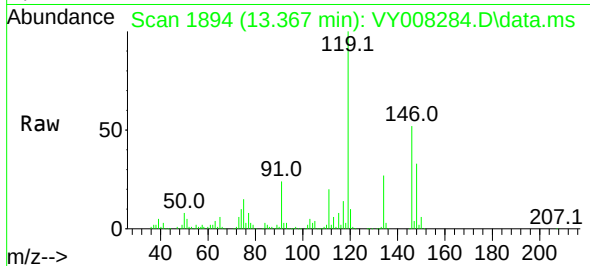




#87
1,3-Dichlorobenzene
Concen: 19.447 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

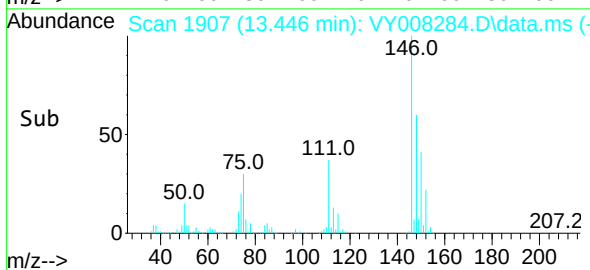
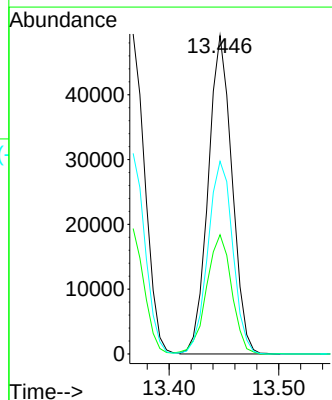
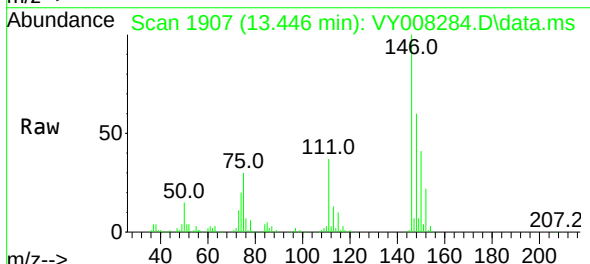
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBS01

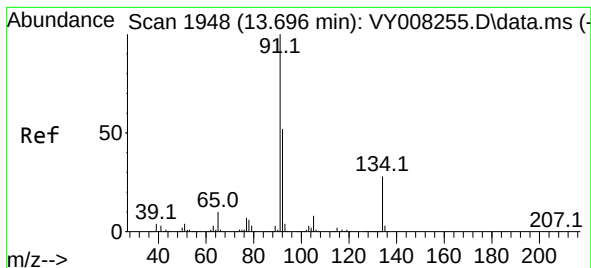
Tgt Ion:146 Resp: 74221
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 63.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.664 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008284.D
Acq: 12 Apr 2022 13:03

Tgt Ion:146 Resp: 74279
Ion Ratio Lower Upper
146 100
111 39.6 19.3 57.8
148 63.3 32.6 97.8





#89

n-Butylbenzene

Concen: 20.876 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

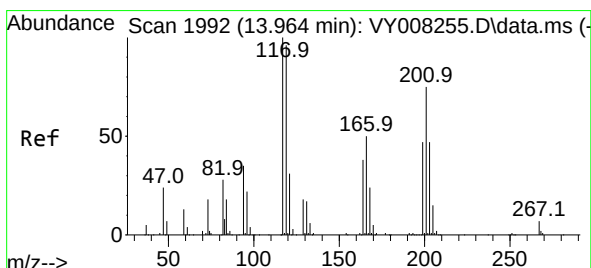
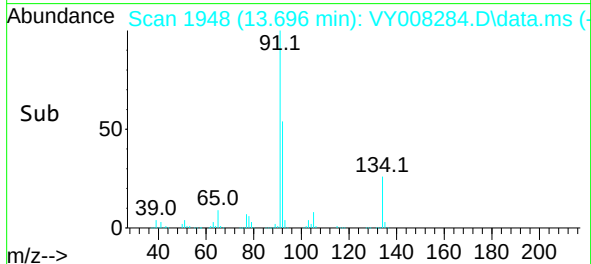
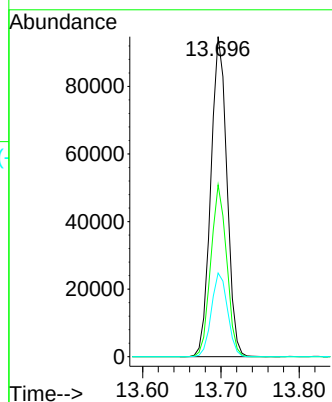
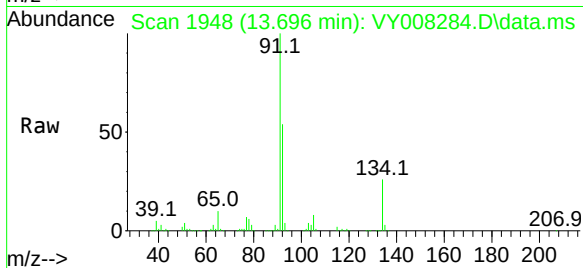
Tgt Ion: 91 Resp: 134989

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 20.226 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008284.D

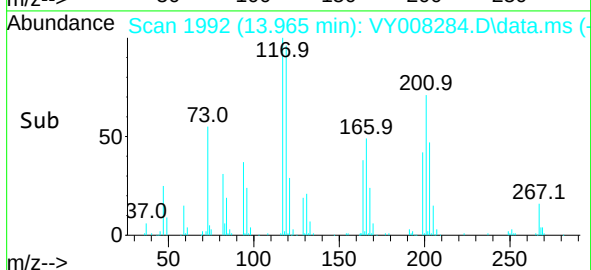
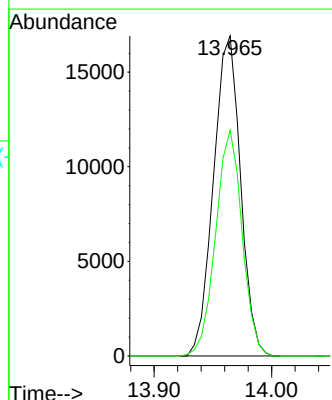
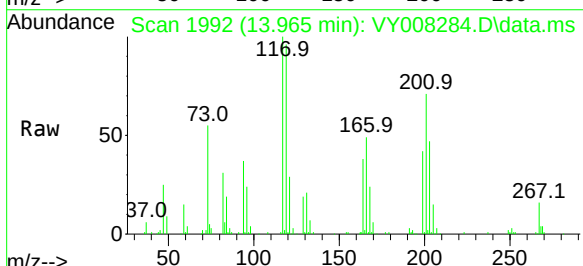
Acq: 12 Apr 2022 13:03

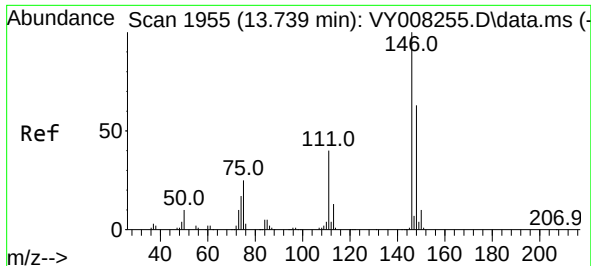
Tgt Ion: 117 Resp: 27056

Ion Ratio Lower Upper

117 100

201 69.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.750 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

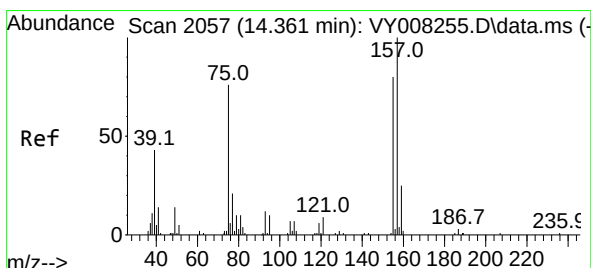
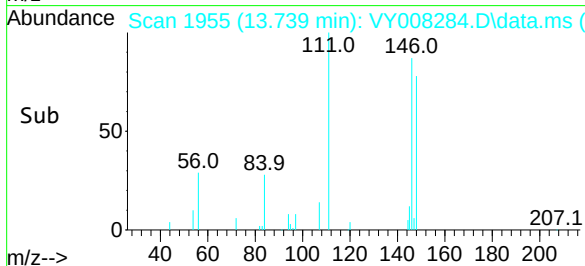
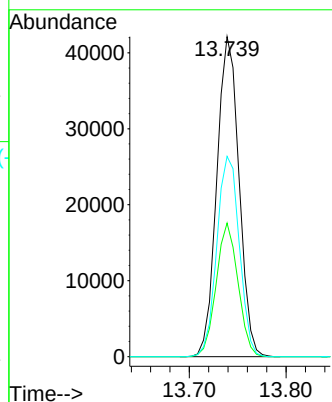
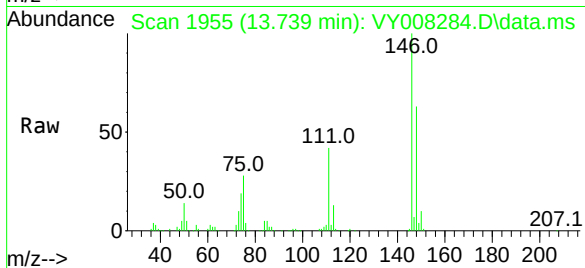
Tgt Ion:146 Resp: 67064

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.316 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

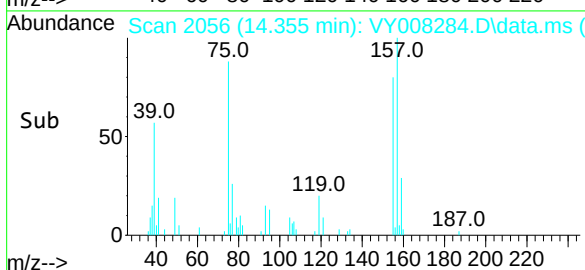
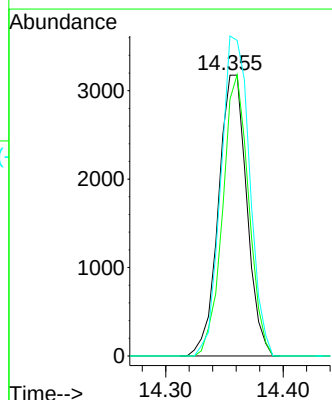
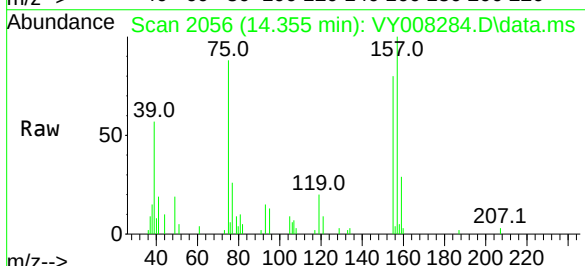
Tgt Ion: 75 Resp: 5313

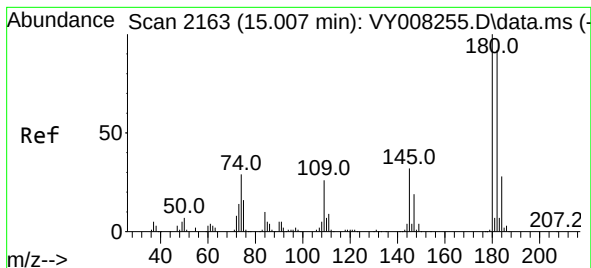
Ion Ratio Lower Upper

75 100

155 91.7 38.0 113.9

157 115.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.055 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

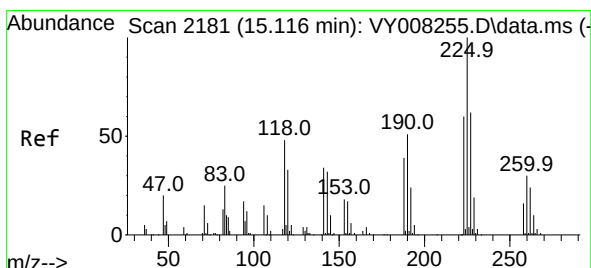
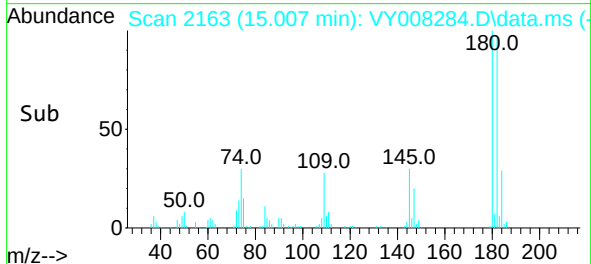
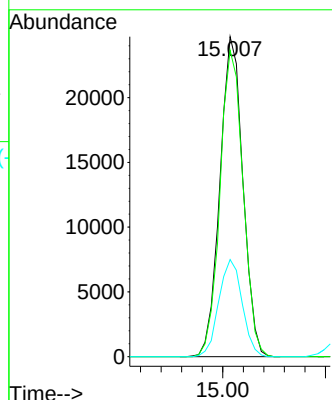
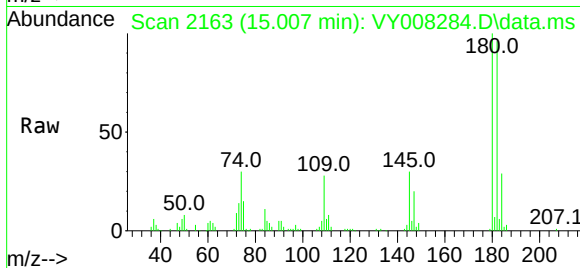
Tgt Ion:180 Resp: 38270

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 30.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.966 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

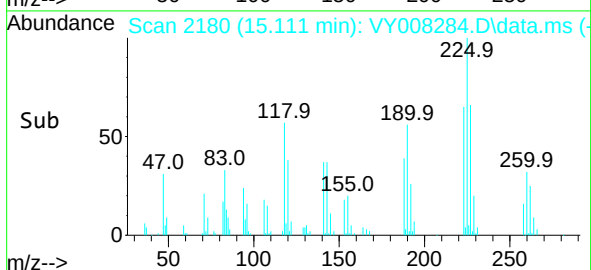
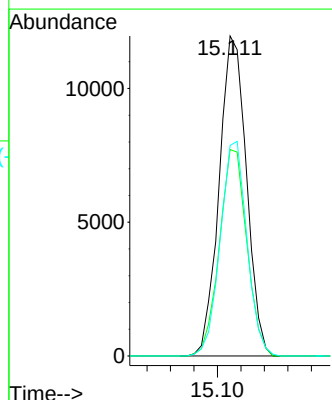
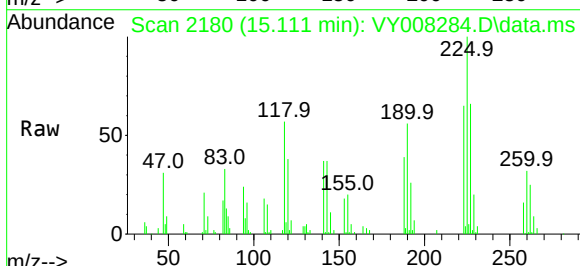
Tgt Ion:225 Resp: 19338

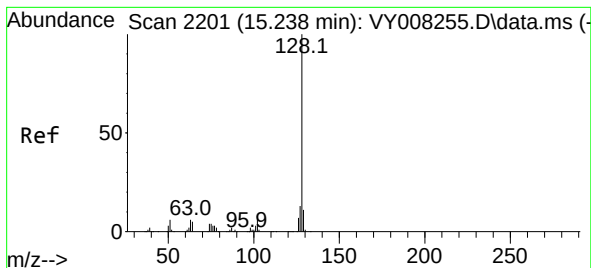
Ion Ratio Lower Upper

225 100

223 64.8 30.8 92.3

227 65.5 31.6 94.7





#95

Naphthalene

Concen: 19.754 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBS01

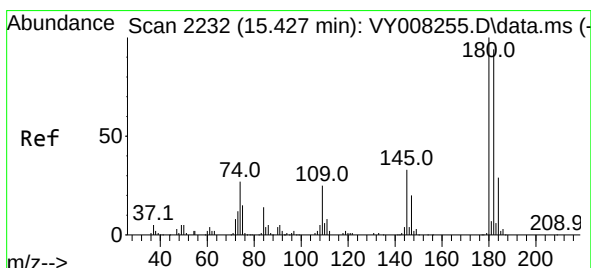
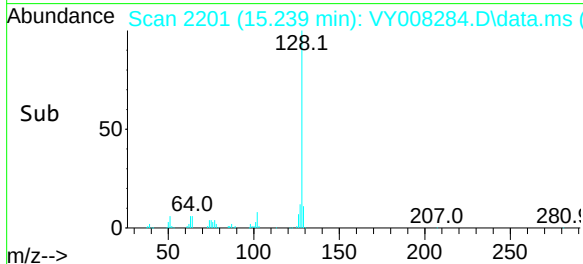
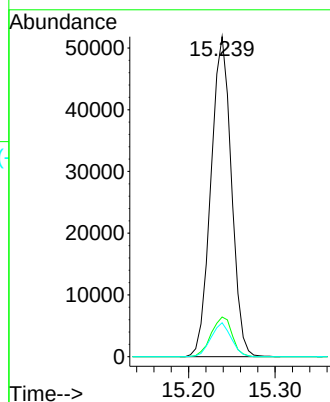
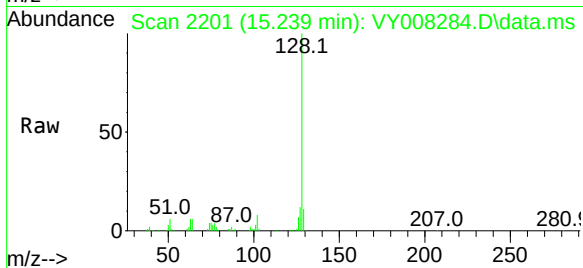
Tgt Ion:128 Resp: 84982

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.5 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.216 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008284.D

Acq: 12 Apr 2022 13:03

Tgt Ion:180 Resp: 33772

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.3 15.3 45.9

