

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009565.D
 Acq On : 14 Jul 2022 15:43
 Operator : KP/MD
 Sample : VY0714SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 01:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	141872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48527	48.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.680%
35) Dibromofluoromethane	7.710	113	53089	44.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.780%
50) Toluene-d8	10.173	98	146923	44.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.477	95	78703	47.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	121948	112.088	ug/l	98
3) Chloromethane	2.107	50	18458	15.192	ug/l	94
4) Vinyl Chloride	2.241	62	22980	16.613	ug/l	94
5) Bromomethane	2.619	94	19839	19.963	ug/l	92
6) Chloroethane	2.778	64	16134	19.978	ug/l	98
7) Trichlorofluoromethane	3.107	101	38347	20.764	ug/l	100
8) Diethyl Ether	3.521	74	12487	17.673	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	23002	18.382	ug/l	94
10) Methyl Iodide	4.076	142	21992	16.153	ug/l	92
11) Tert butyl alcohol	4.936	59	15810	69.407	ug/l	96
12) 1,1-Dichloroethene	3.857	96	19661	16.940	ug/l	93
13) Acrolein	3.710	56	3476	57.463	ug/l	100
14) Allyl chloride	4.460	41	33995	17.024	ug/l #	96
15) Acrylonitrile	5.149	53	36809	94.677	ug/l	99
16) Acetone	3.936	43	31351	90.840	ug/l	96
17) Carbon Disulfide	4.174	76	42482	14.462	ug/l	99
18) Methyl Acetate	4.466	43	20865	20.591	ug/l	91
19) Methyl tert-butyl Ether	5.204	73	66500	18.931	ug/l	98
20) Methylene Chloride	4.704	84	31847	16.304	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	23343	17.165	ug/l	86
22) Diisopropyl ether	6.106	45	84555	19.917	ug/l	96
23) Vinyl Acetate	6.051	43	255727	85.887	ug/l	96
24) 1,1-Dichloroethane	6.003	63	43679	18.245	ug/l	97
25) 2-Butanone	6.972	43	52917	94.782	ug/l #	90
26) 2,2-Dichloropropane	6.966	77	44891	19.025	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	28673	17.910	ug/l	92
28) Bromochloromethane	7.313	49	17345	17.238	ug/l #	82
29) Tetrahydrofuran	7.332	42	34322	95.046	ug/l	94
30) Chloroform	7.496	83	48921	18.671	ug/l	98
31) Cyclohexane	7.777	56	35382	15.201	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	44001	19.048	ug/l	98
36) 1,1-Dichloropropene	7.911	75	33169	17.226	ug/l	96
37) Ethyl Acetate	7.063	43	22960	19.023	ug/l	97
38) Carbon Tetrachloride	7.893	117	40006	19.427	ug/l	96
39) Methylcyclohexane	9.173	83	37244	16.114	ug/l	90
40) Benzene	8.149	78	99451	17.589	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12727	20.307	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	33178	19.545	ug/l	94
43) Isopropyl Acetate	8.264	43	43285	19.221	ug/l	94
44) Trichloroethene	8.935	130	28999	18.155	ug/l	99
45) 1,2-Dichloropropane	9.203	63	27120	18.953	ug/l	99
46) Dibromomethane	9.301	93	16193	19.281	ug/l	99
47) Bromodichloromethane	9.490	83	38010	19.015	ug/l	99
48) Methyl methacrylate	9.289	41	18918	19.498	ug/l	90
49) 1,4-Dioxane	9.289	88	4806	388.587	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	119191	100.641	ug/l	96
52) Toluene	10.240	92	68265	18.947	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	39775	18.882	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	43461	18.503	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	23175	19.128	ug/l	95
56) Ethyl methacrylate	10.502	69	30156	18.747	ug/l	91
57) 1,3-Dichloropropane	10.782	76	38746	19.399	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	71676	91.217	ug/l	95
59) 2-Hexanone	10.825	43	82640	100.701	ug/l	97
60) Dibromochloromethane	10.977	129	28843	19.659	ug/l	99
61) 1,2-Dibromoethane	11.081	107	21704	18.686	ug/l	98
64) Tetrachloroethene	10.715	164	27312	15.542	ug/l	99
65) Chlorobenzene	11.514	112	78002	18.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29963	19.296	ug/l	98
67) Ethyl Benzene	11.587	91	131450	18.240	ug/l	96
68) m/p-Xylenes	11.697	106	106530	37.902	ug/l	89
69) o-Xylene	12.026	106	49303	18.301	ug/l	93
70) Styrene	12.038	104	86063	19.126	ug/l	95
71) Bromoform	12.203	173	19297	19.498	ug/l #	96
73) Isopropylbenzene	12.325	105	134626	17.312	ug/l	98
74) N-amyl acetate	12.142	43	40790	18.435	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	28848	18.527	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	20346m	16.903	ug/l	
77) Bromobenzene	12.605	156	33827	17.868	ug/l	93
78) n-propylbenzene	12.666	91	165894	17.657	ug/l	97
79) 2-Chlorotoluene	12.751	91	92192	17.527	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	114980	17.689	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	10031	17.055	ug/l	93
82) 4-Chlorotoluene	12.849	91	98883	17.938	ug/l	97
83) tert-Butylbenzene	13.068	119	104055	17.993	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	115706	17.884	ug/l	96
85) sec-Butylbenzene	13.251	105	155478	18.255	ug/l	98
86) p-Isopropyltoluene	13.367	119	129856	18.291	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	68934	18.446	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	70261	18.576	ug/l	98
89) n-Butylbenzene	13.696	91	120158	18.125	ug/l	99
90) Hexachloroethane	13.959	117	25840	18.551	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	63166	18.449	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5012	18.365	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	38082	18.236	ug/l	99
94) Hexachlorobutadiene	15.111	225	21533	18.756	ug/l	97
95) Naphthalene	15.233	128	75626	17.516	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	33225	18.370	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

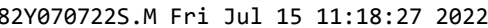
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

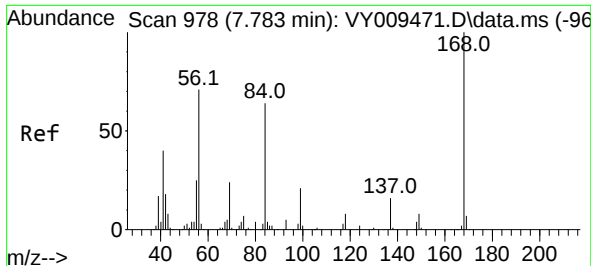
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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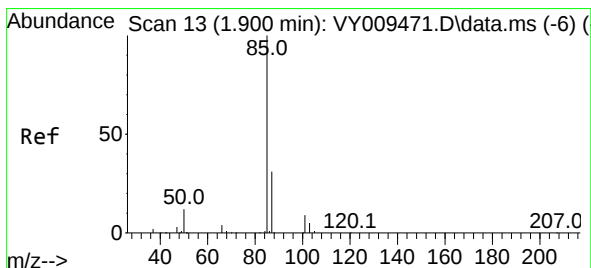
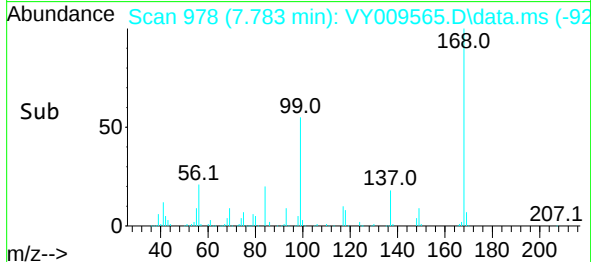
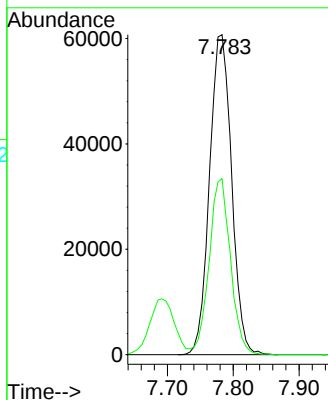
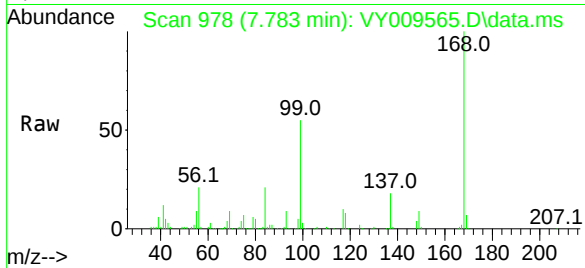




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

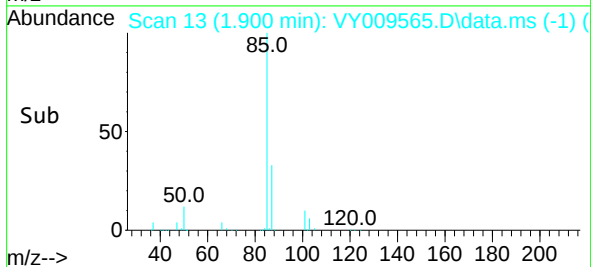
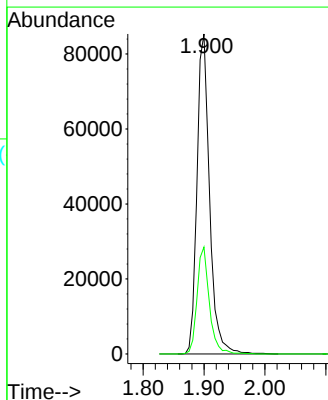
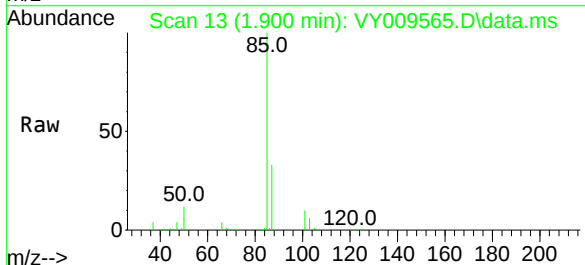
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

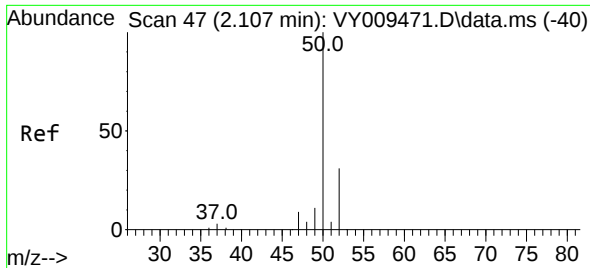
Tgt Ion:168 Resp: 141872
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 112.088 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 85 Resp: 121948
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2

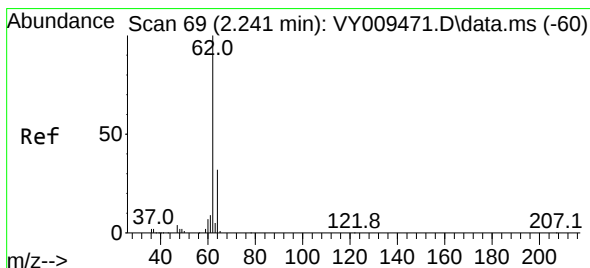
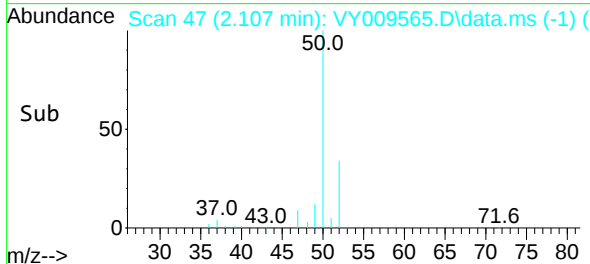
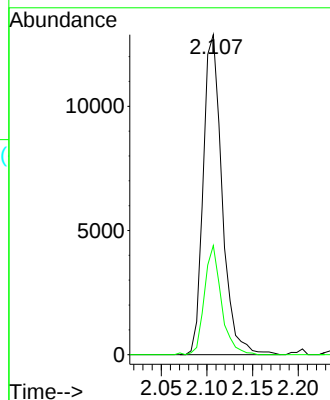
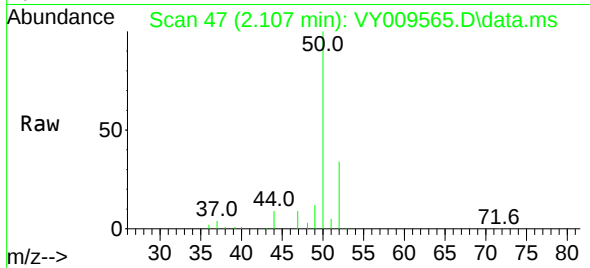




#3
Chloromethane
Concen: 15.192 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

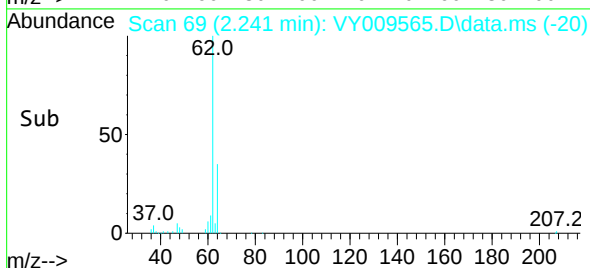
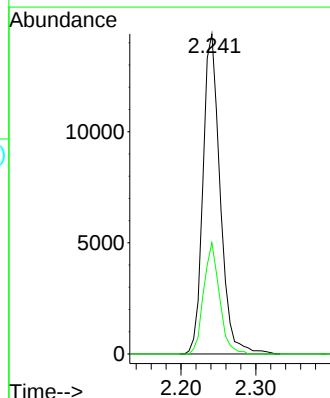
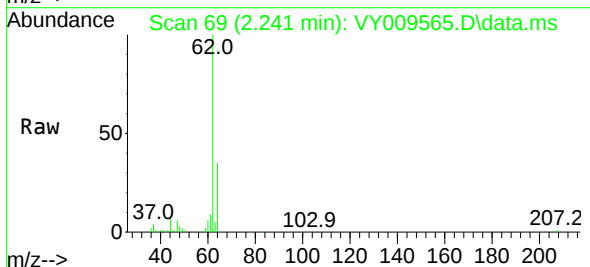
Instrument :
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ClientSampleId :
VY0714SBS01

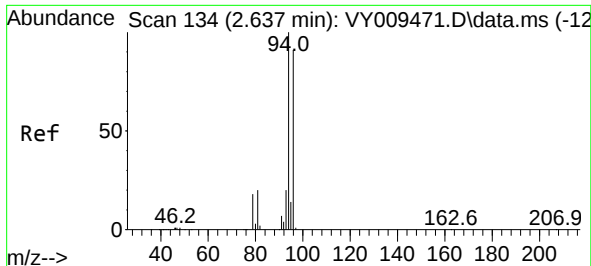
Tgt Ion: 50 Resp: 18458
Ion Ratio Lower Upper
50 100
52 34.1 24.6 37.0



#4
Vinyl Chloride
Concen: 16.613 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 62 Resp: 22980
Ion Ratio Lower Upper
62 100
64 34.8 25.0 37.6

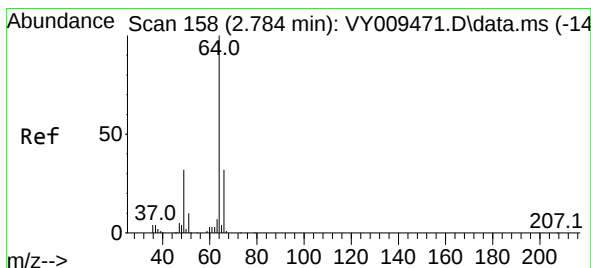
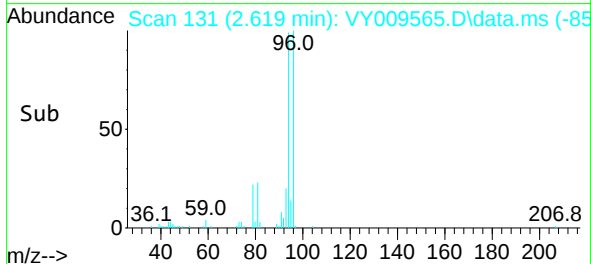
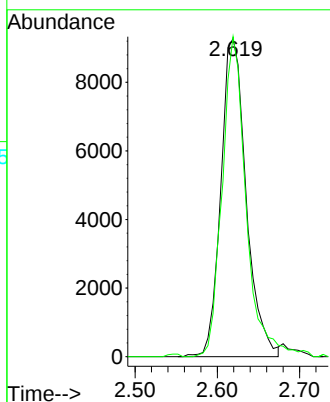
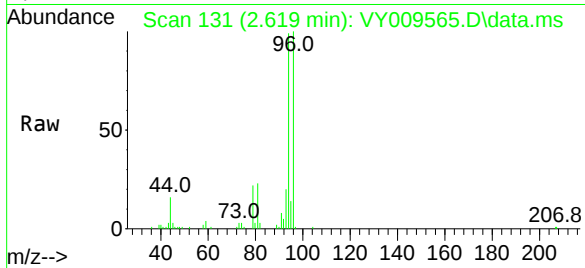




#5
Bromomethane
Concen: 19.963 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

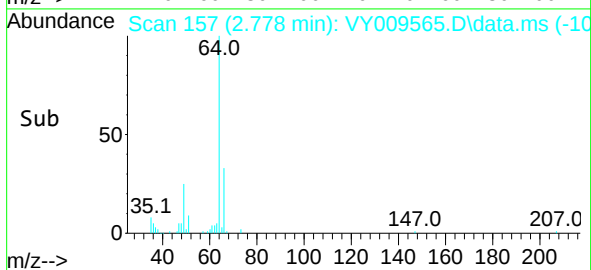
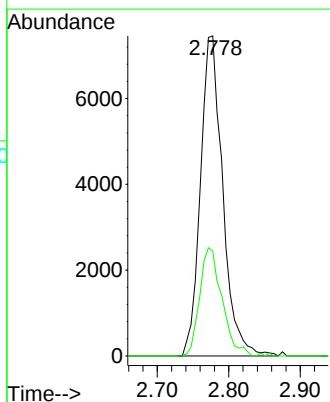
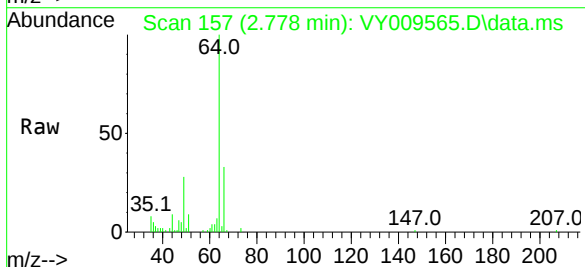
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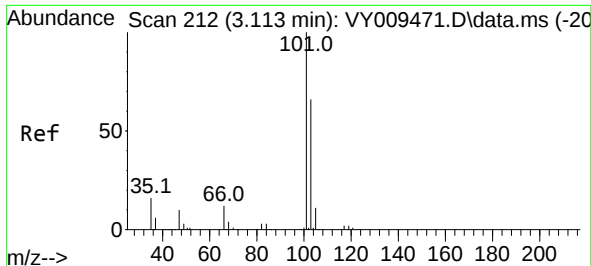
Tgt Ion: 94 Resp: 19839
Ion Ratio Lower Upper
94 100
96 99.8 73.5 110.3



#6
Chloroethane
Concen: 19.978 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 64 Resp: 16134
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

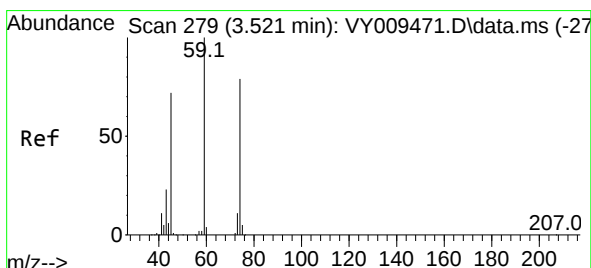
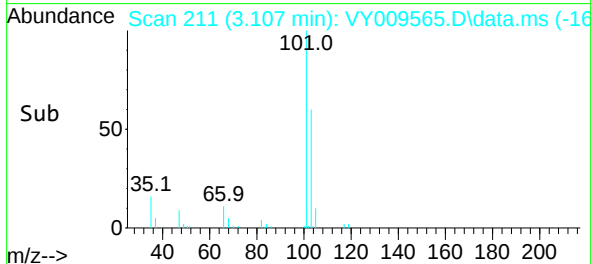
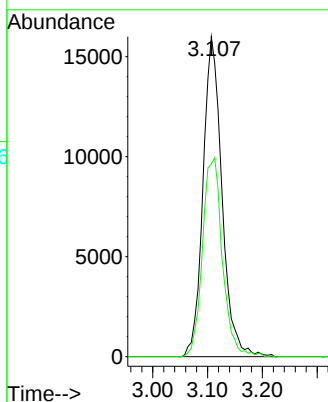
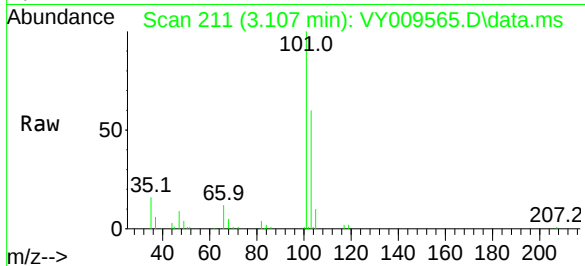




#7
Trichlorofluoromethane
Concen: 20.764 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

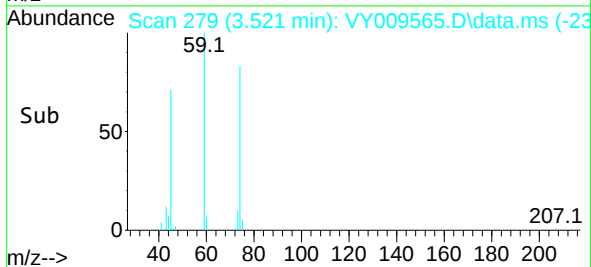
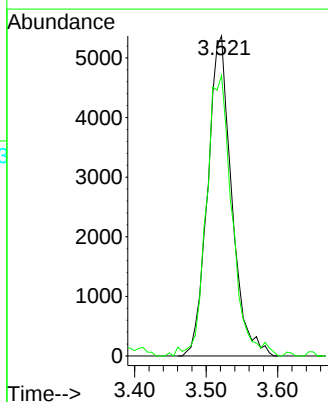
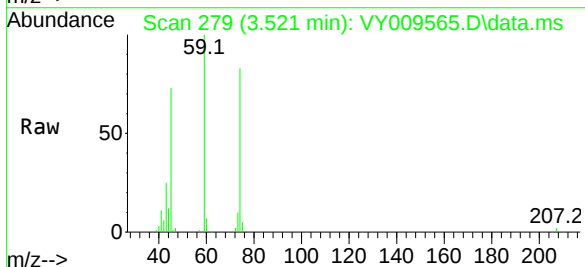
Instrument :
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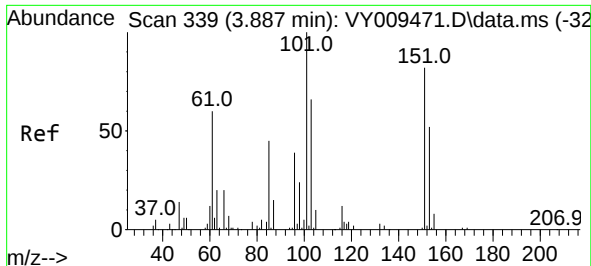
Tgt Ion:101 Resp: 38347
Ion Ratio Lower Upper
101 100
103 60.2 48.0 72.0



#8
Diethyl Ether
Concen: 17.673 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 74 Resp: 12487
Ion Ratio Lower Upper
74 100
45 94.2 55.1 165.5

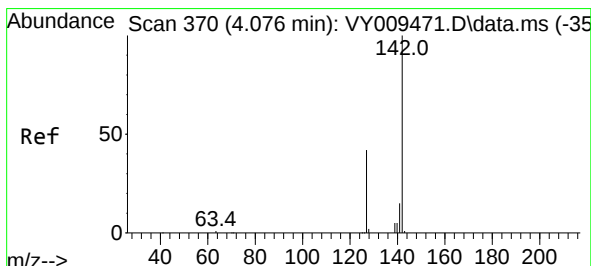
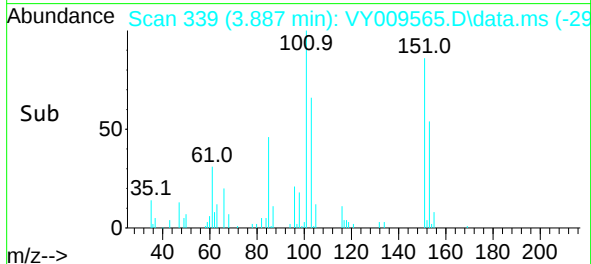
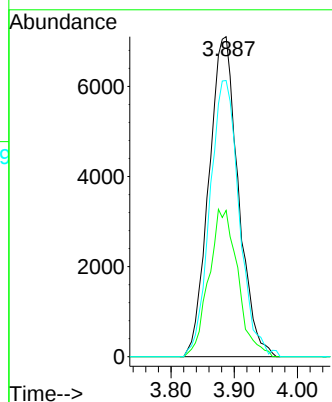
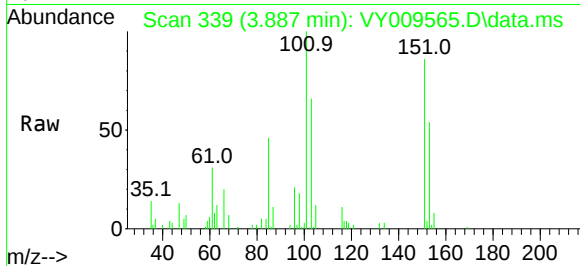




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.382 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

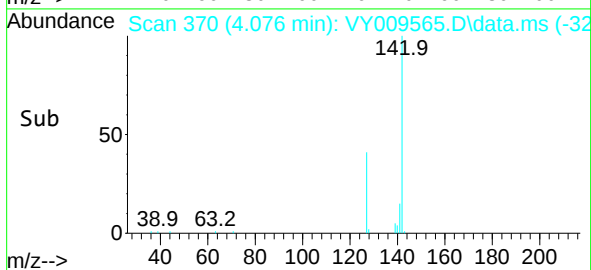
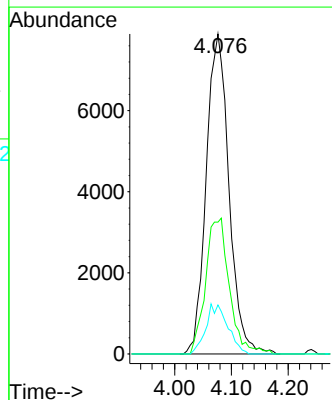
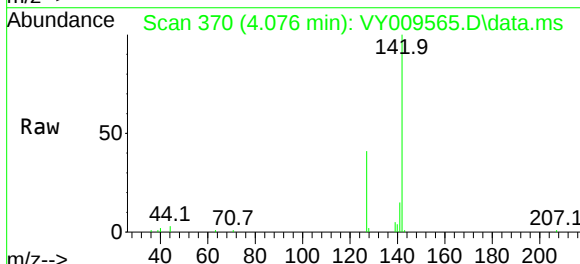
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

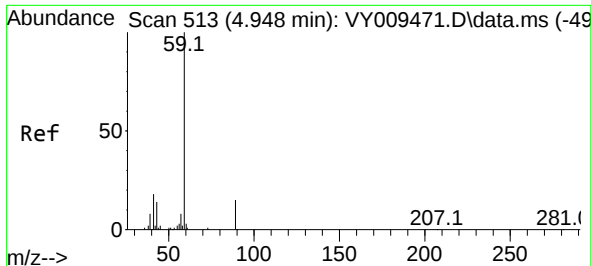
Tgt Ion:	101	Resp:	23002
Ion	Ratio	Lower	Upper
101	100		
85	45.2	40.6	60.8
151	85.9	64.9	97.3



#10
Methyl Iodide
Concen: 16.153 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion:	142	Resp:	21992
Ion	Ratio	Lower	Upper
142	100		
127	44.4	41.5	62.3
141	15.0	11.9	17.9

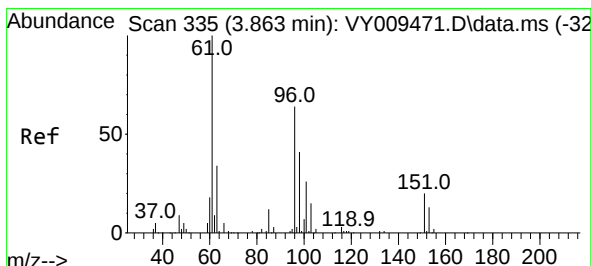
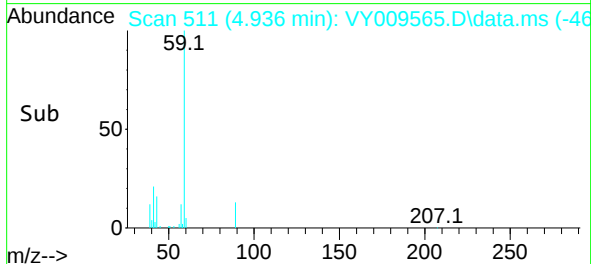
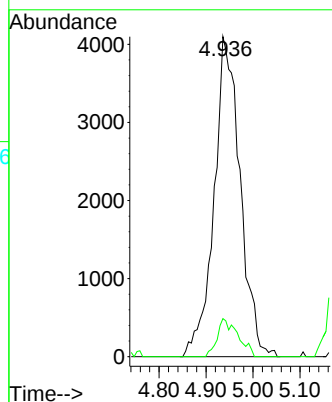
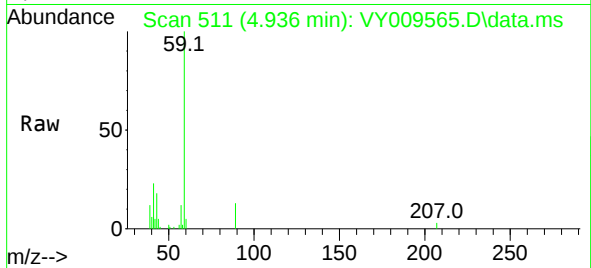




#11
Tert butyl alcohol
Concen: 69.407 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

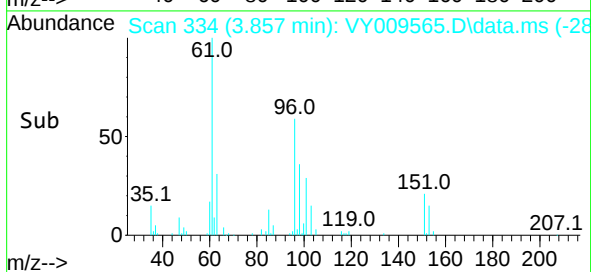
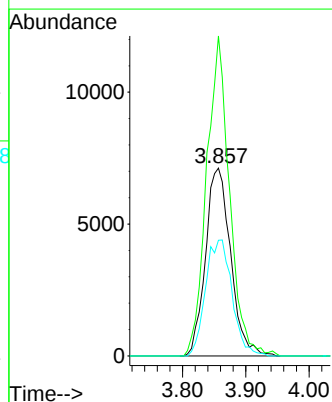
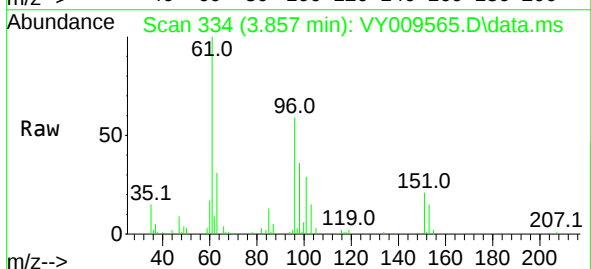
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

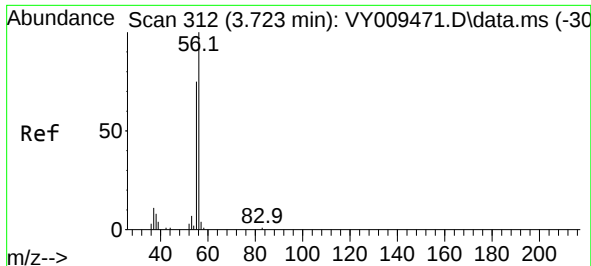
Tgt Ion: 59 Resp: 15810
Ion Ratio Lower Upper
59 100
57 9.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 16.940 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 96 Resp: 19661
Ion Ratio Lower Upper
96 100
61 170.4 145.8 218.6
98 61.6 52.5 78.7





#13

Acrolein

Concen: 57.463 ug/l

RT: 3.710 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

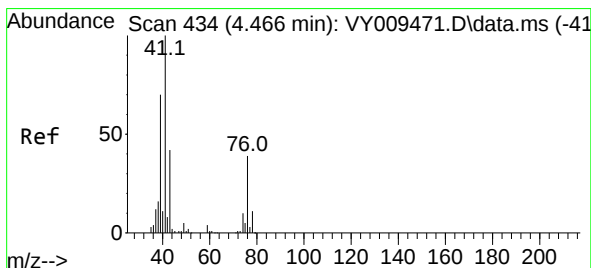
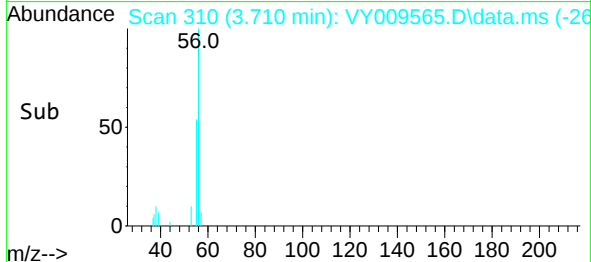
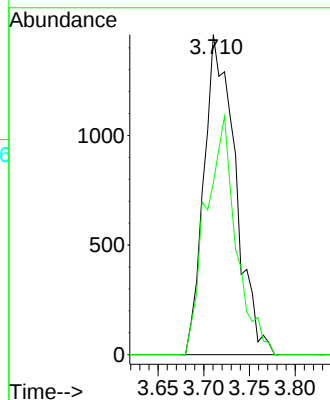
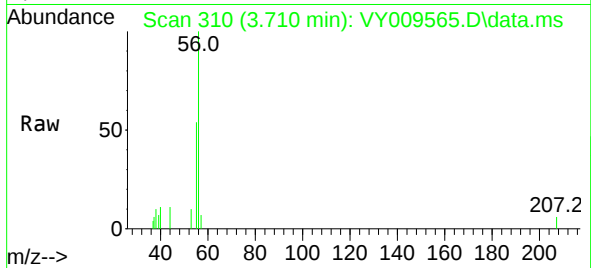
VY0714SBS01

Tgt Ion: 56 Resp: 3476

Ion Ratio Lower Upper

56 100

55 72.2 57.6 86.4



#14

Allyl chloride

Concen: 17.024 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

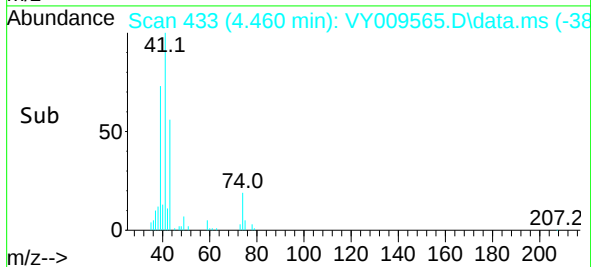
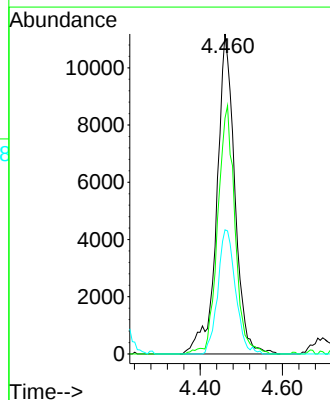
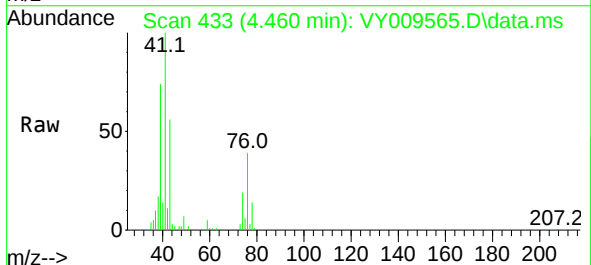
Tgt Ion: 41 Resp: 33995

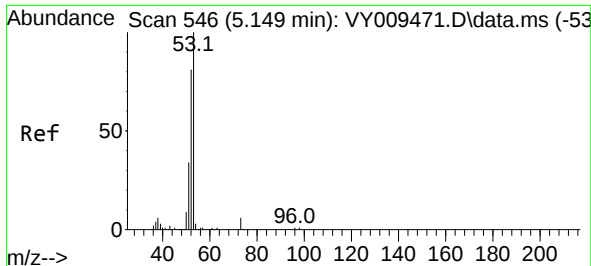
Ion Ratio Lower Upper

41 100

39 74.3 58.8 88.2

76 38.1 25.1 37.7#

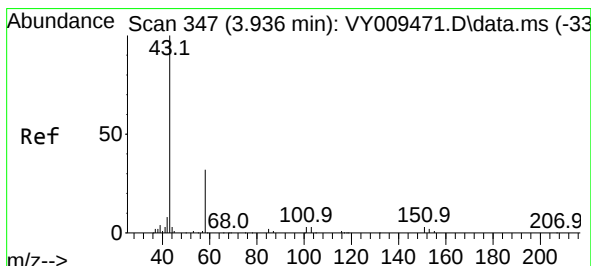
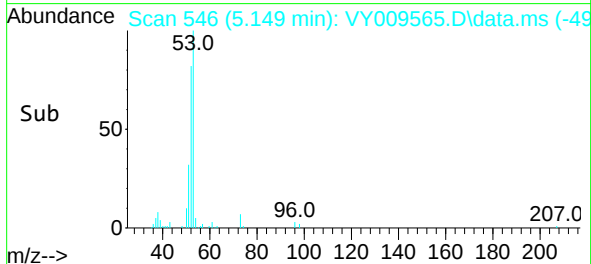
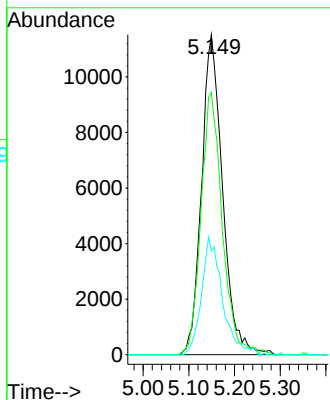
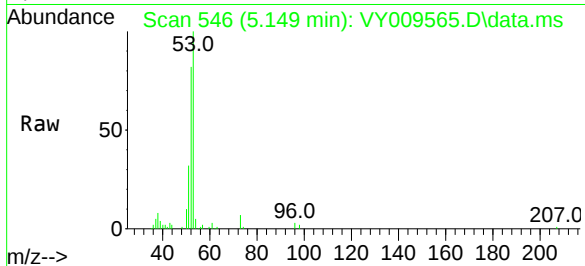




#15
Acrylonitrile
Concen: 94.677 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

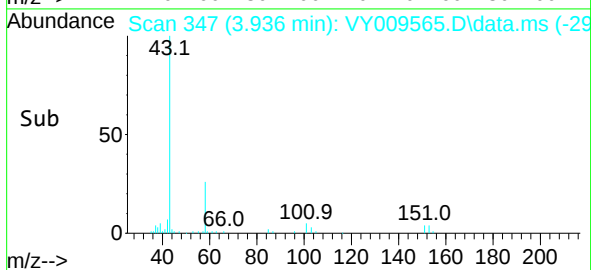
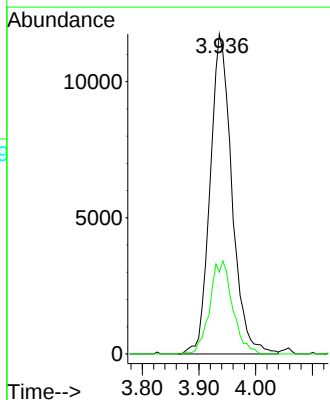
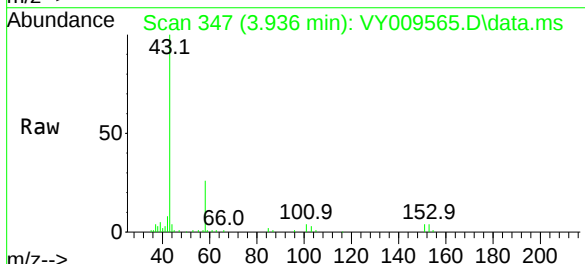
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

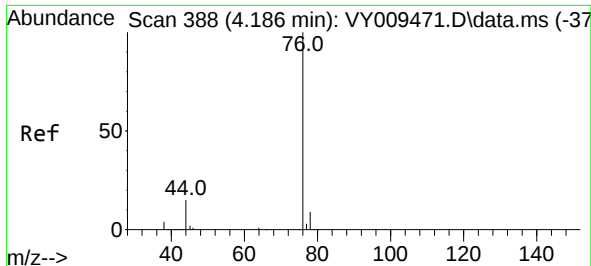
Tgt Ion: 53 Resp: 36809
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 90.840 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 43 Resp: 31351
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0

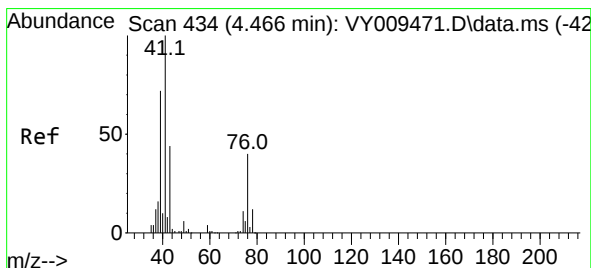
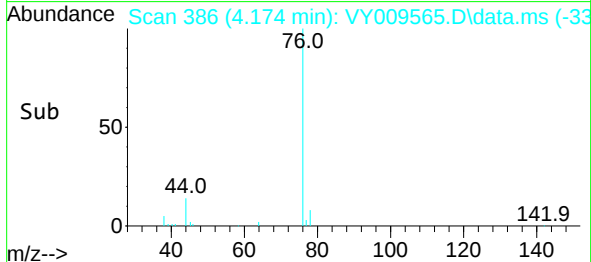
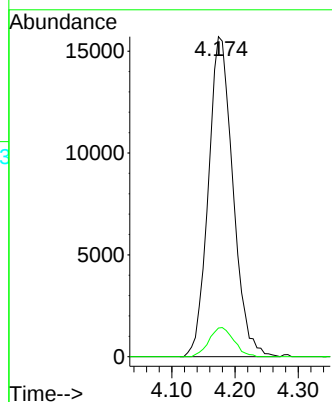
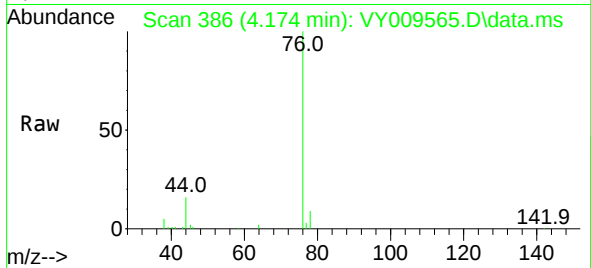




#17
Carbon Disulfide
Concen: 14.462 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

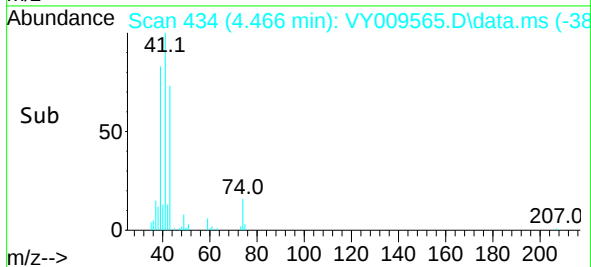
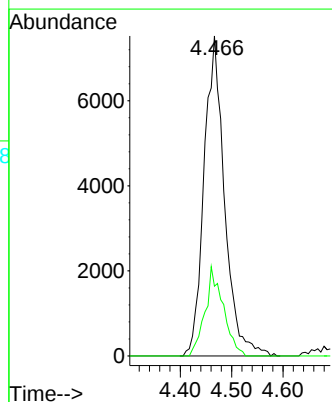
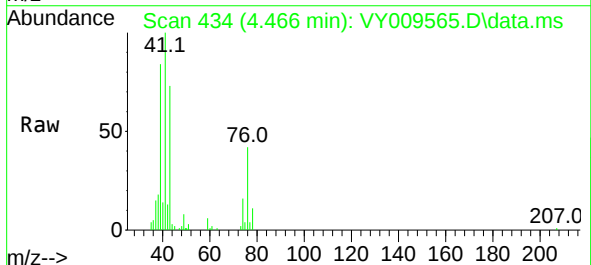
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

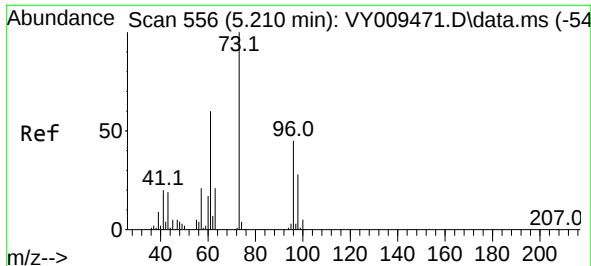
Tgt Ion: 76 Resp: 42482
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.591 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 43 Resp: 20865
Ion Ratio Lower Upper
43 100
74 24.7 16.6 24.8

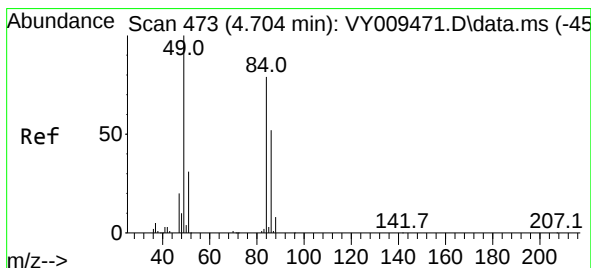
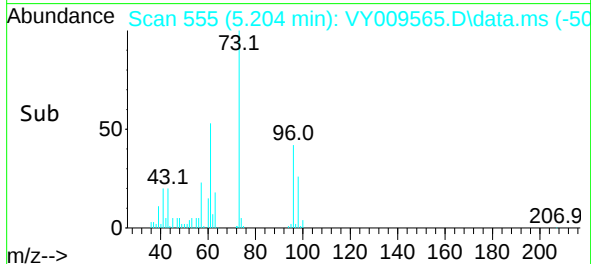
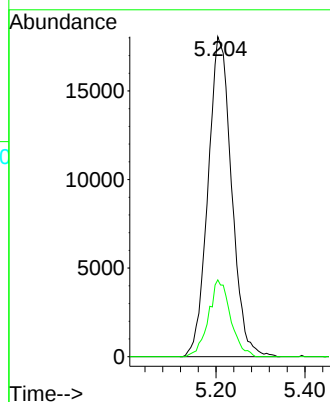
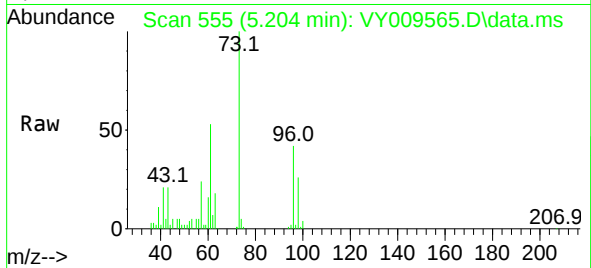




#19
Methyl tert-butyl Ether
Concen: 18.931 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

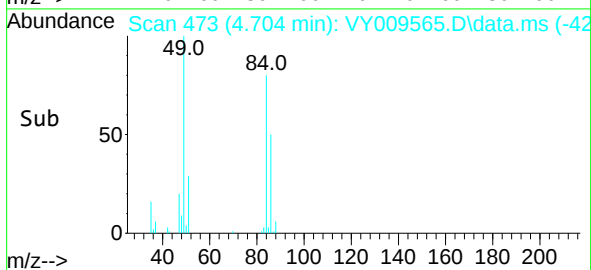
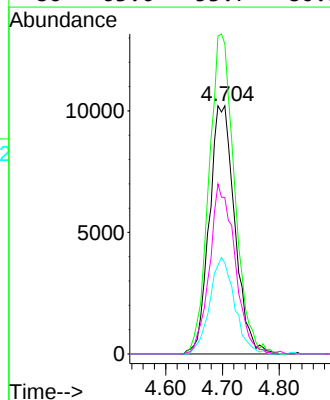
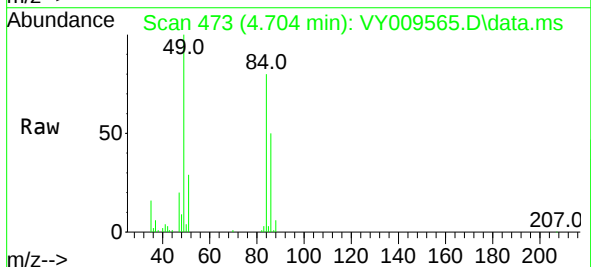
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

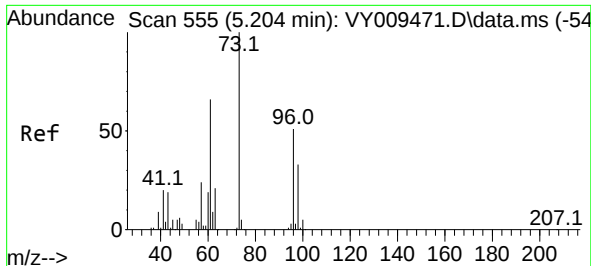
Tgt Ion: 73 Resp: 66500
Ion Ratio Lower Upper
73 100
57 24.0 18.6 27.8



#20
Methylene Chloride
Concen: 16.304 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 84 Resp: 31847
Ion Ratio Lower Upper
84 100
49 124.9 114.4 171.6
51 36.6 35.3 52.9
86 63.0 53.7 80.5

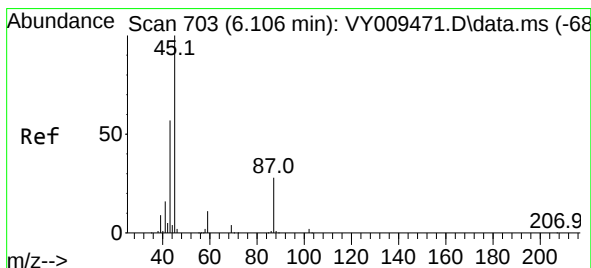
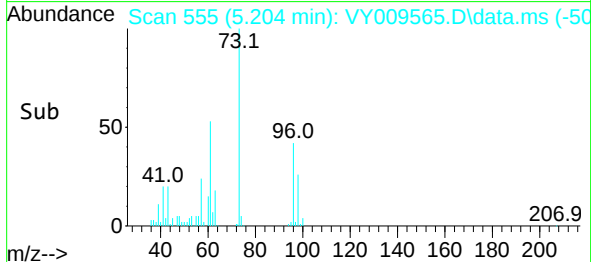
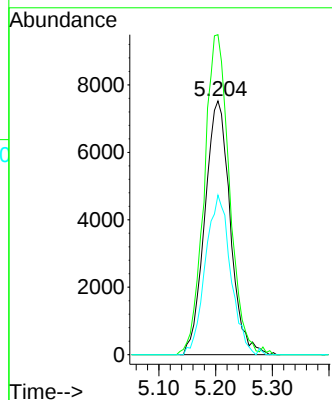
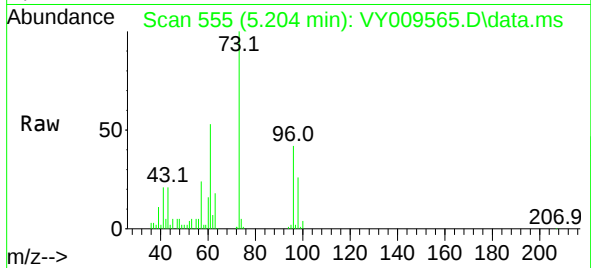




#21
trans-1,2-Dichloroethene
Concen: 17.165 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

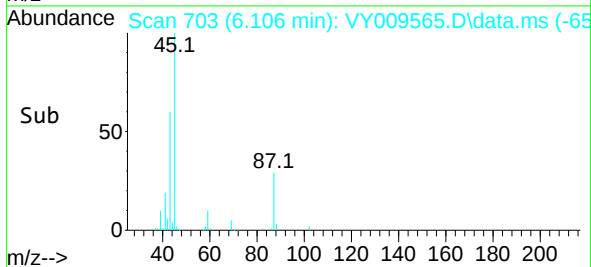
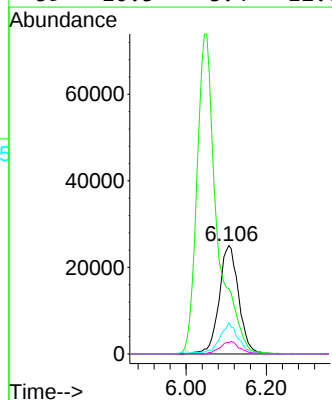
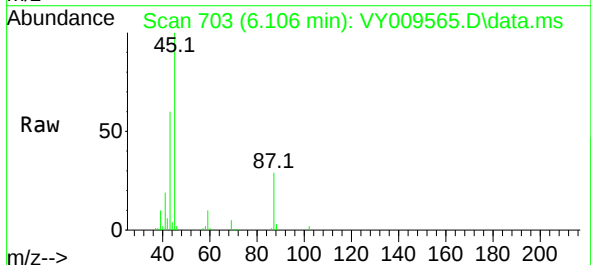
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

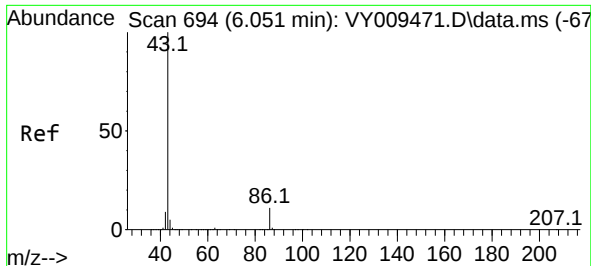
Tgt Ion: 96 Resp: 23343
Ion Ratio Lower Upper
96 100
61 126.1 120.5 180.7
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 19.917 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 45 Resp: 84555
Ion Ratio Lower Upper
45 100
43 60.1 49.3 73.9
87 28.7 19.2 28.8
59 10.5 8.4 12.6

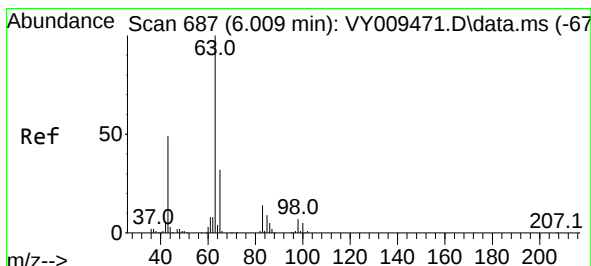
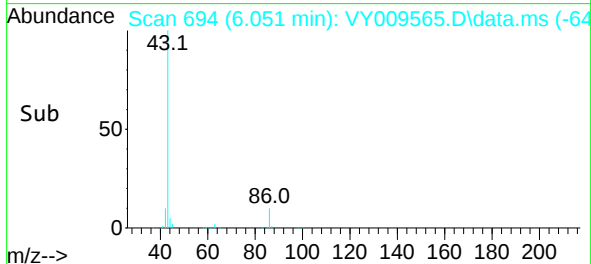
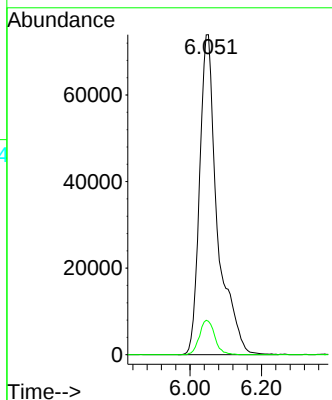
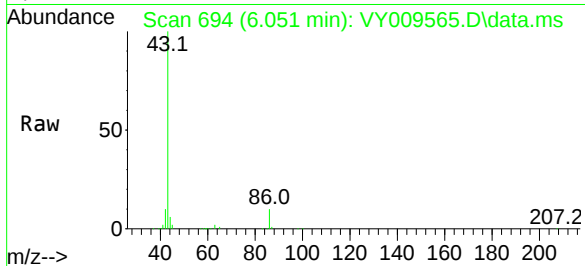




#23
 Vinyl Acetate
 Concen: 85.887 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009565.D
 Acq: 14 Jul 2022 15:43

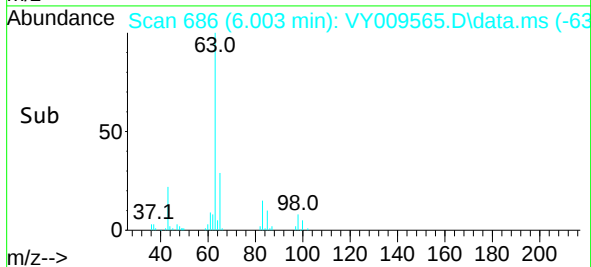
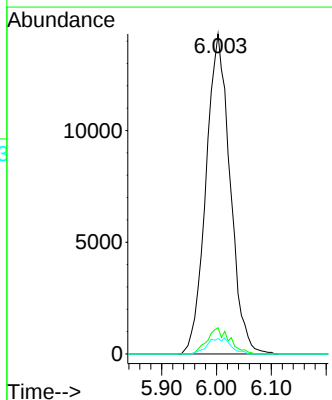
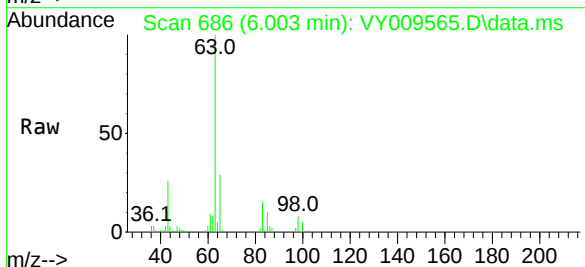
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

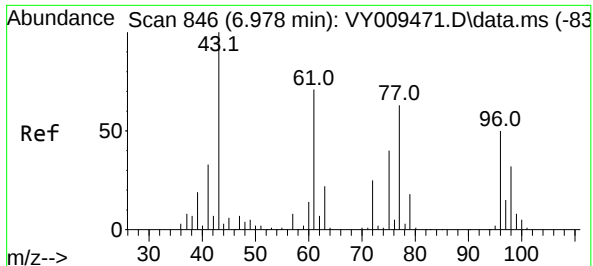
Tgt Ion: 43 Resp: 255727
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.245 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY009565.D
 Acq: 14 Jul 2022 15:43

Tgt Ion: 63 Resp: 43679
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 94.782 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

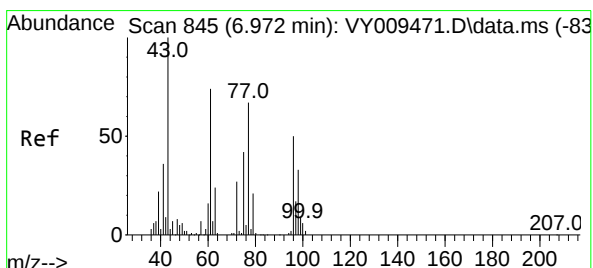
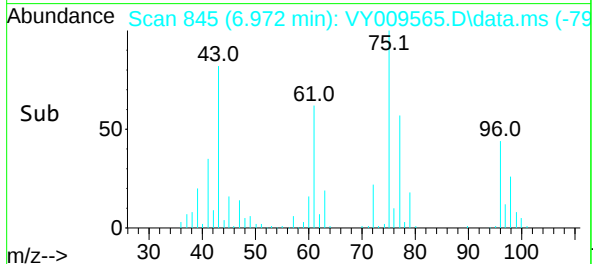
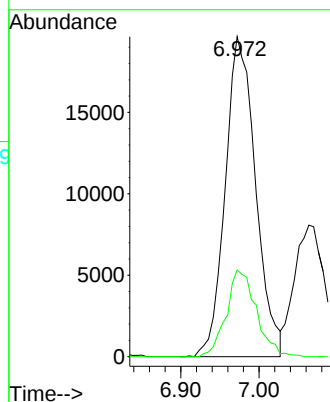
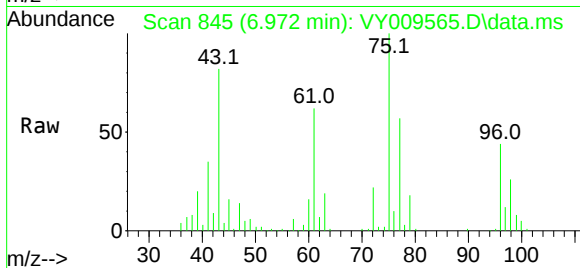
VY0714SBS01

Tgt Ion: 43 Resp: 52917

Ion Ratio Lower Upper

43 100

72 27.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.025 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009565.D

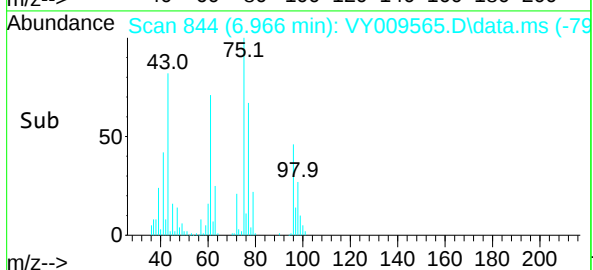
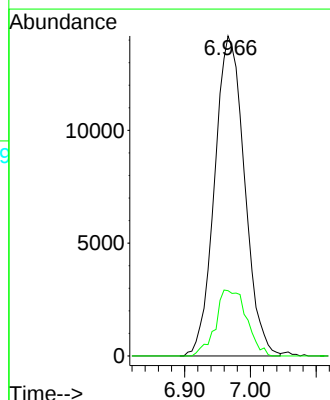
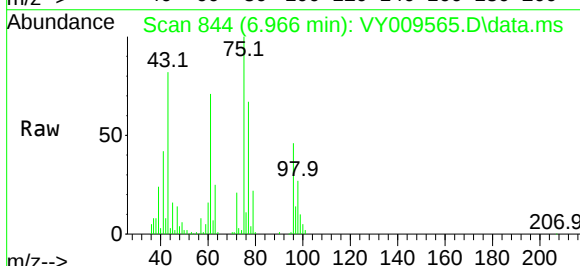
Acq: 14 Jul 2022 15:43

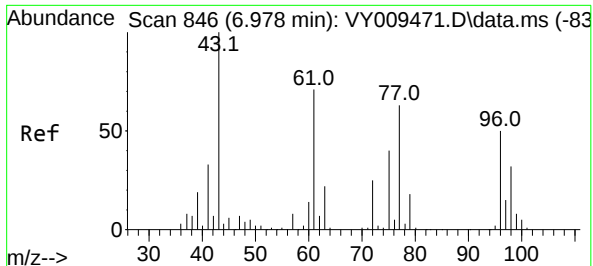
Tgt Ion: 77 Resp: 44891

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 17.910 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

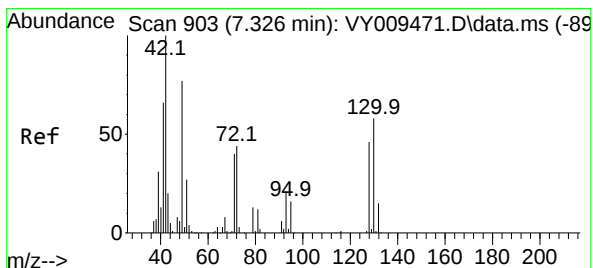
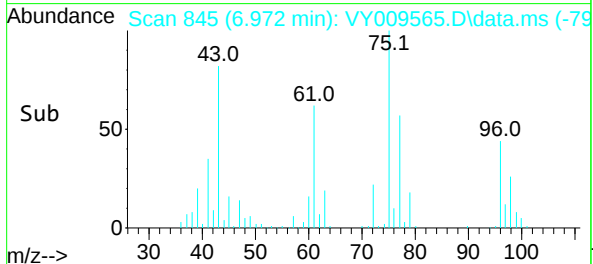
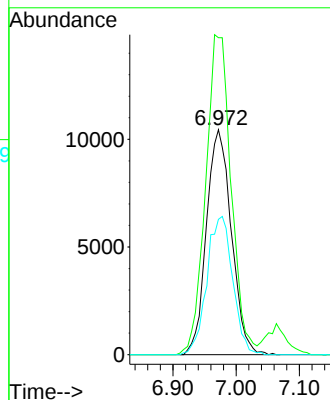
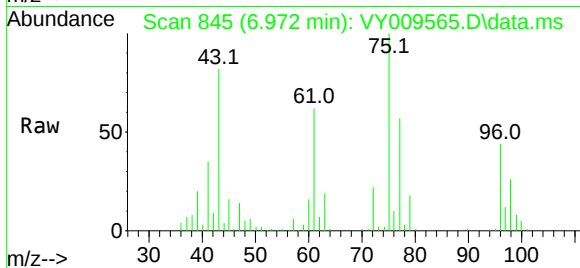
Tgt Ion: 96 Resp: 28673

Ion Ratio Lower Upper

96 100

61 145.2 0.0 319.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 17.238 ug/l

RT: 7.313 min Scan# 901

Delta R.T. -0.013 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

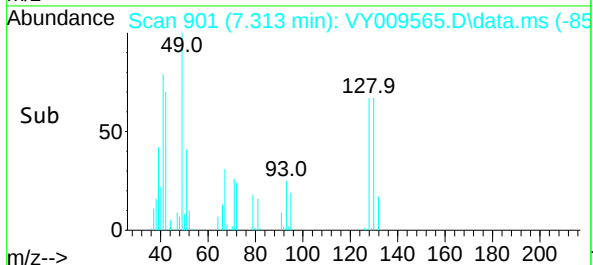
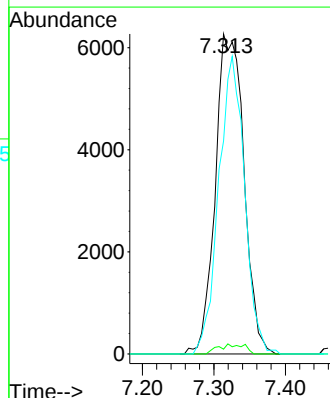
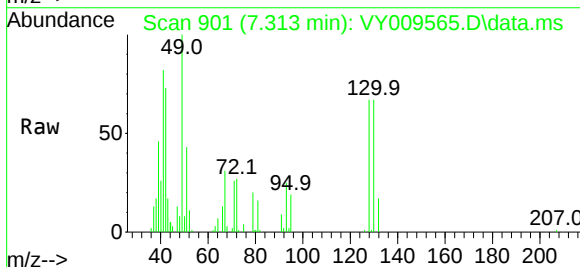
Tgt Ion: 49 Resp: 17345

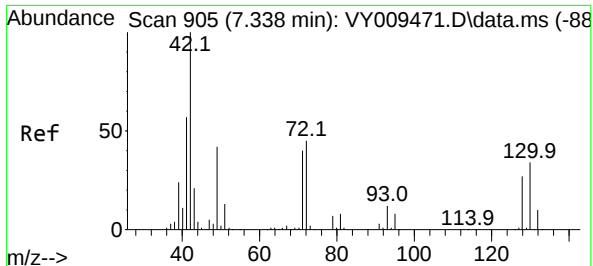
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 84.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 95.046 ug/l

RT: 7.332 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

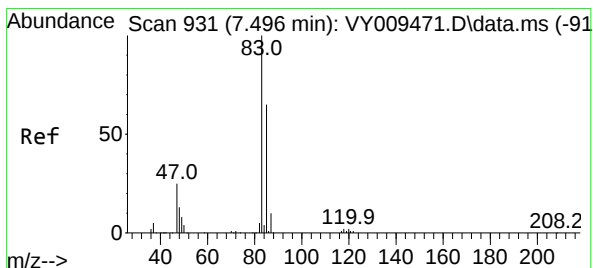
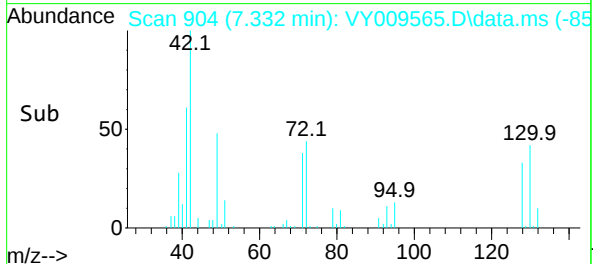
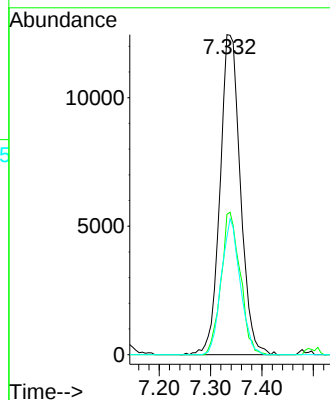
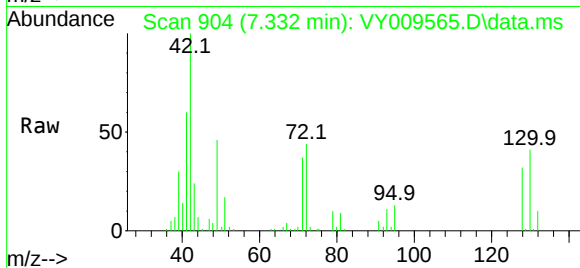
Tgt Ion: 42 Resp: 34322

Ion Ratio Lower Upper

42 100

72 41.8 30.3 45.5

71 39.3 29.0 43.4



#30

Chloroform

Concen: 18.671 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009565.D

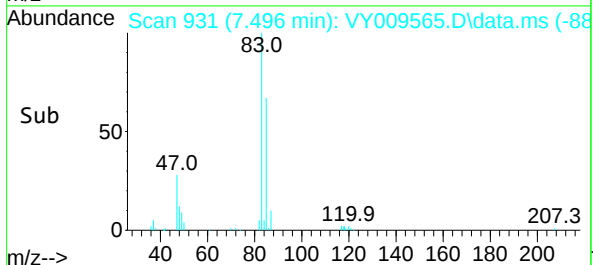
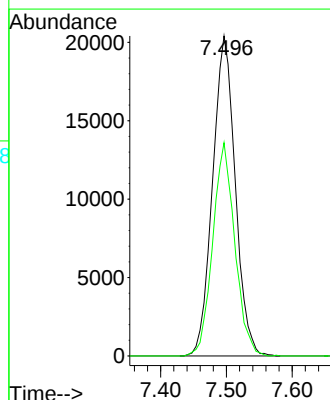
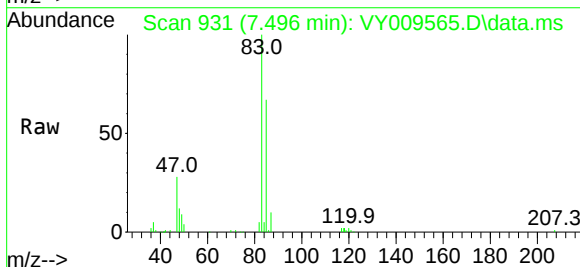
Acq: 14 Jul 2022 15:43

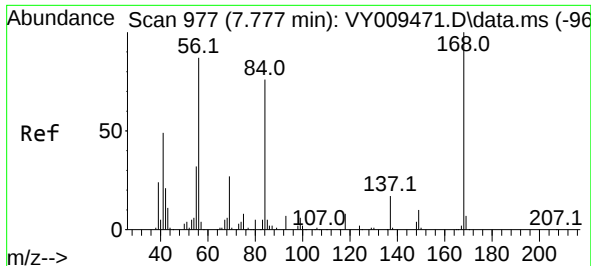
Tgt Ion: 83 Resp: 48921

Ion Ratio Lower Upper

83 100

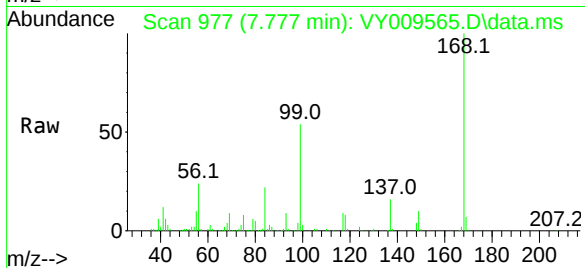
85 66.6 51.8 77.6



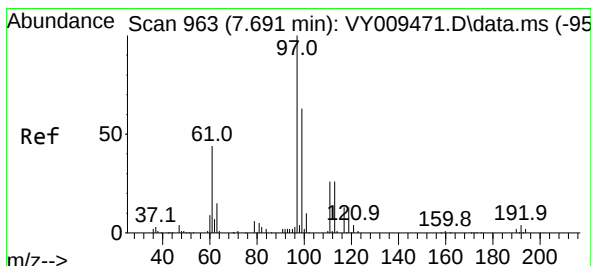
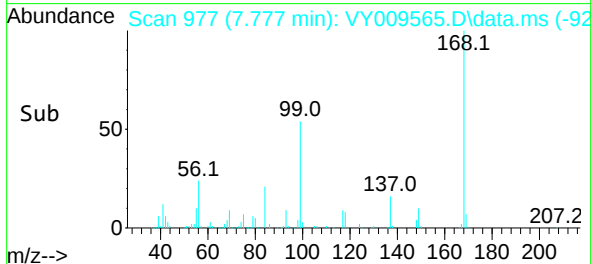
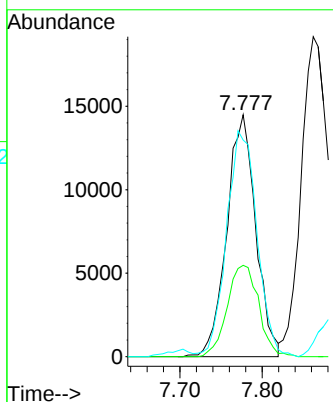


#31
Cyclohexane
Concen: 15.201 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

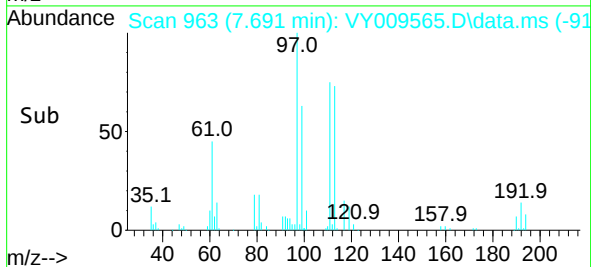
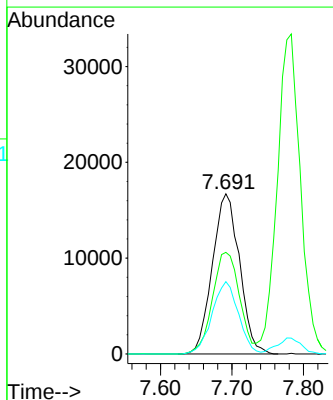
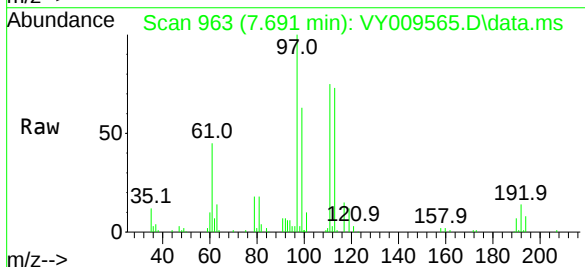


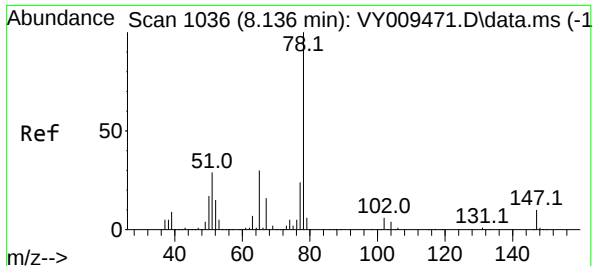
Tgt Ion: 56 Resp: 35382
Ion Ratio Lower Upper
56 100
69 37.7 26.7 40.1
84 87.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 19.048 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 97 Resp: 44001
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.343 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

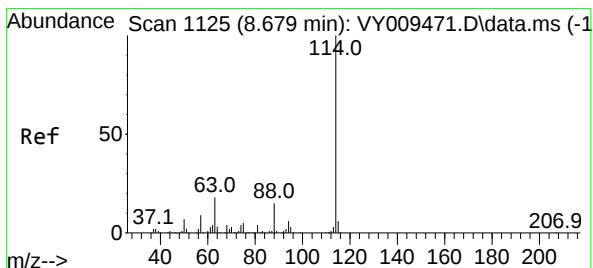
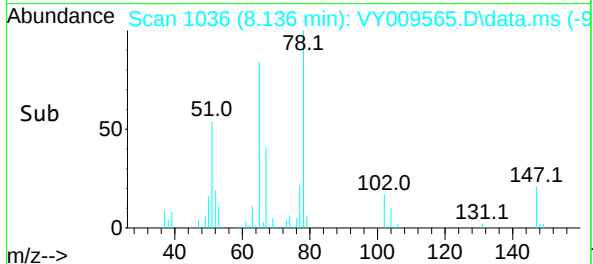
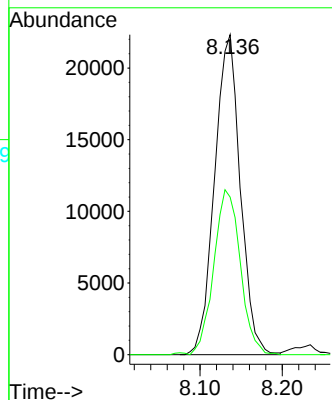
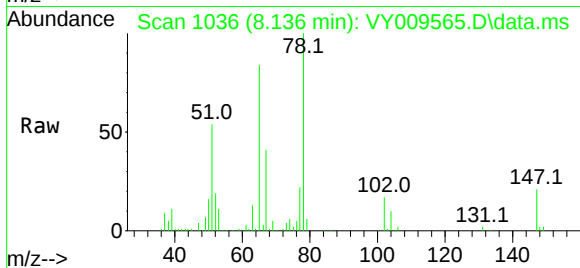
VY0714SBS01

Tgt Ion: 65 Resp: 48527

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

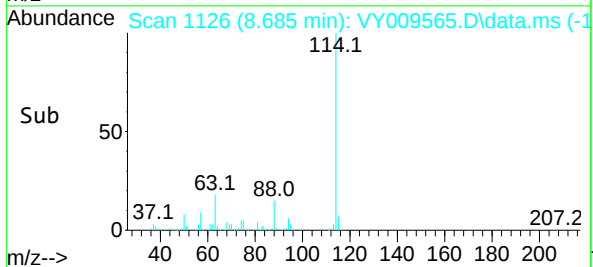
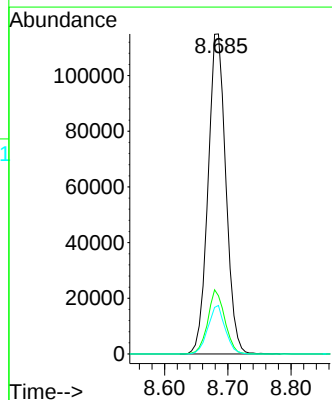
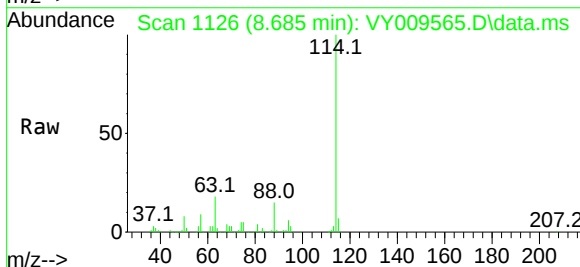
Tgt Ion: 114 Resp: 224777

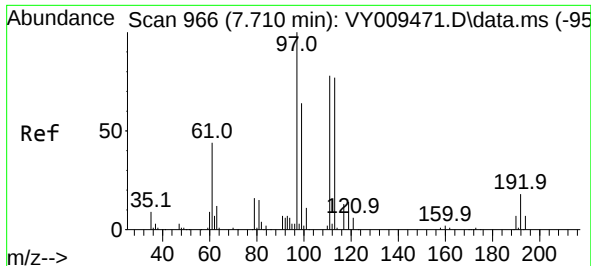
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.1 0.0 31.8

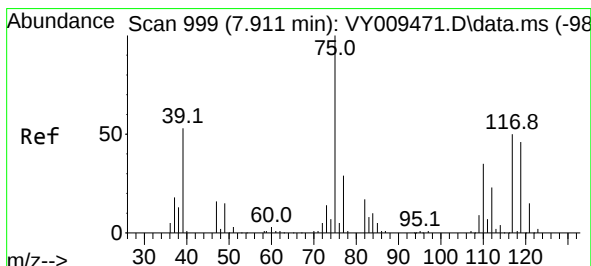
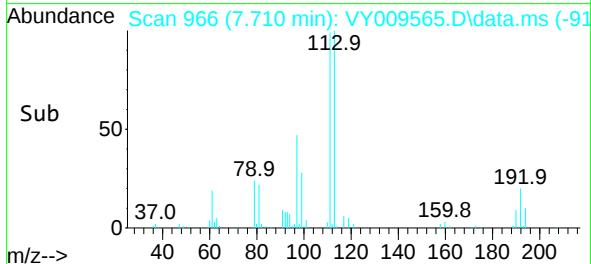
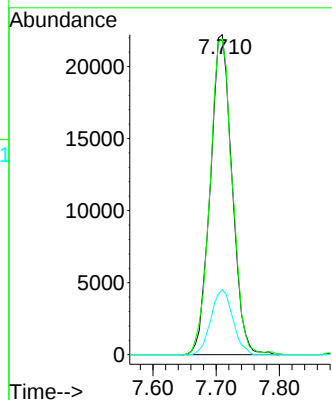
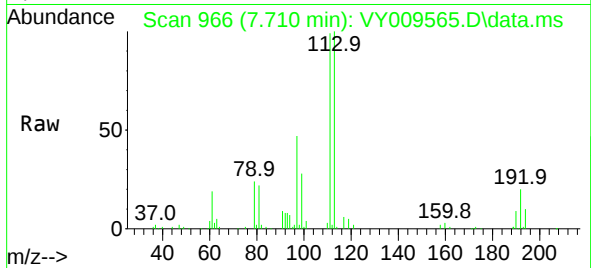




#35
Dibromofluoromethane
Concen: 44.888 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

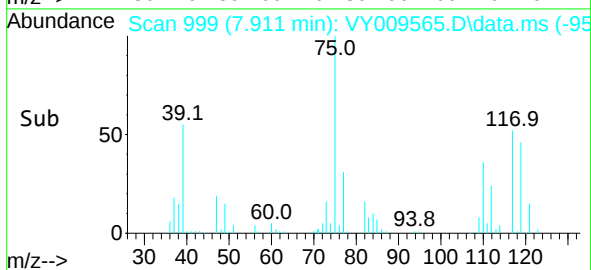
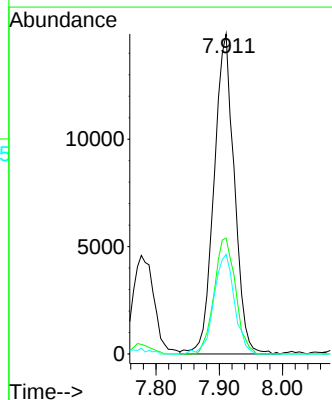
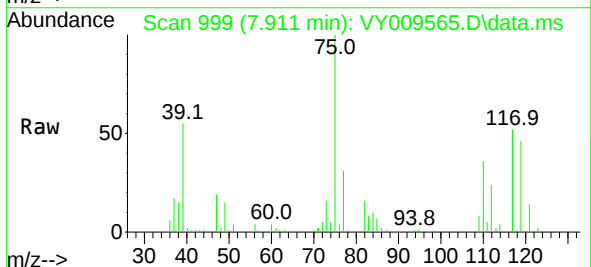
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

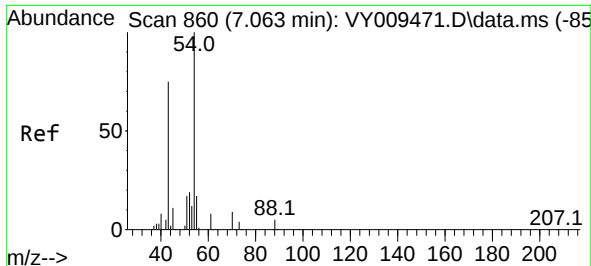
Tgt Ion:113 Resp: 53089
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 17.226 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 75 Resp: 33169
Ion Ratio Lower Upper
75 100
110 37.9 17.1 51.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.023 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

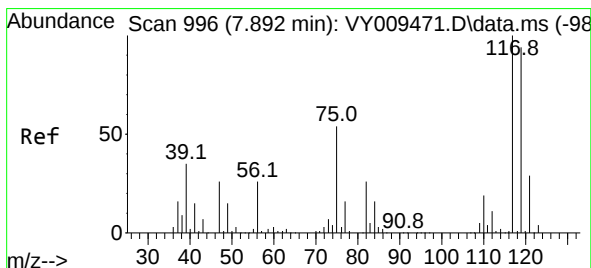
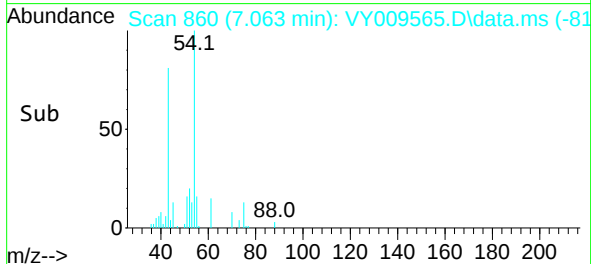
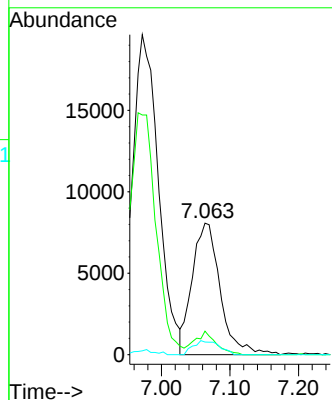
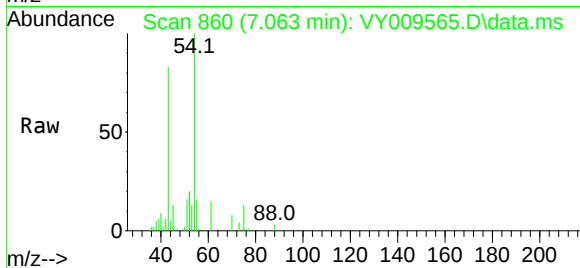
Tgt Ion: 43 Resp: 22960

Ion Ratio Lower Upper

43 100

61 13.6 9.7 14.5

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.427 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

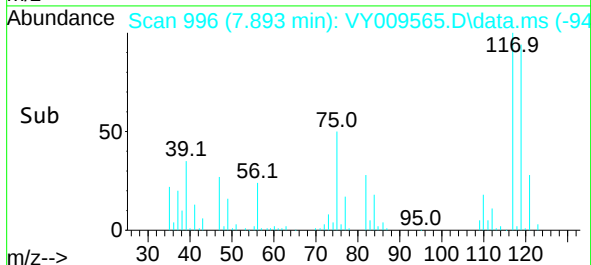
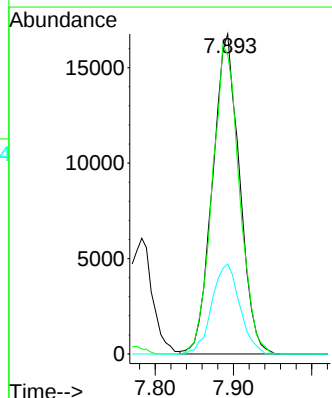
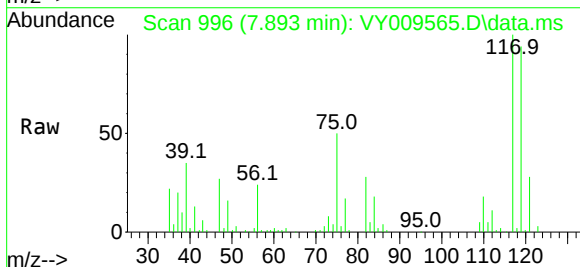
Tgt Ion: 117 Resp: 40006

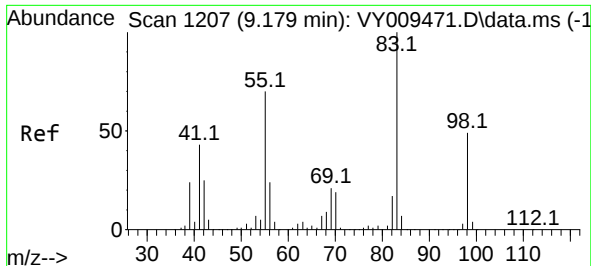
Ion Ratio Lower Upper

117 100

119 93.6 77.9 116.9

121 28.1 24.8 37.2





#39

Methylcyclohexane

Concen: 16.114 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

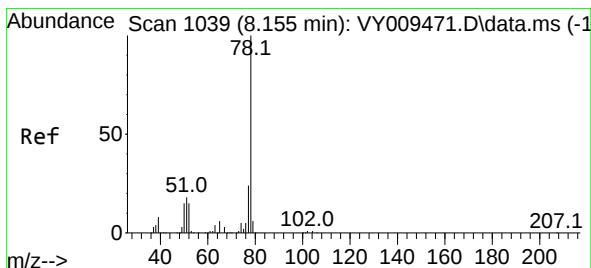
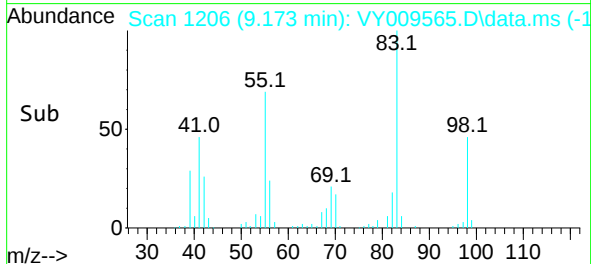
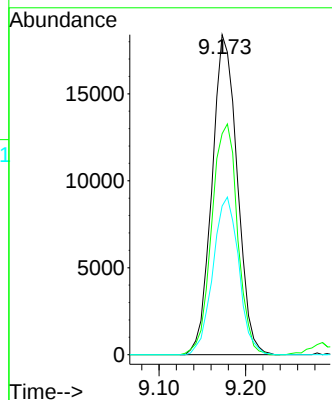
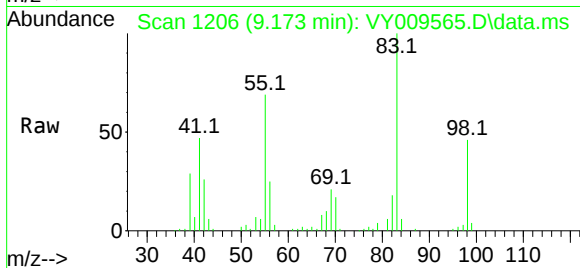
Tgt Ion: 83 Resp: 37244

Ion Ratio Lower Upper

83 100

55 69.0 66.5 99.7

98 46.4 37.9 56.9



#40

Benzene

Concen: 17.589 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009565.D

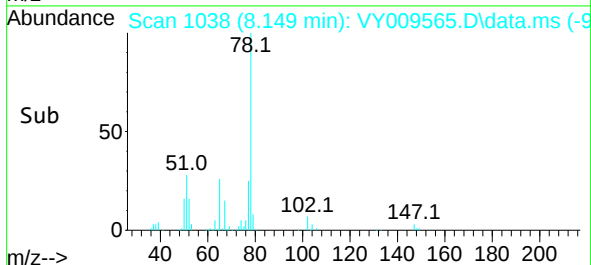
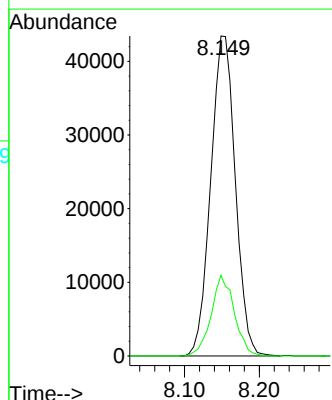
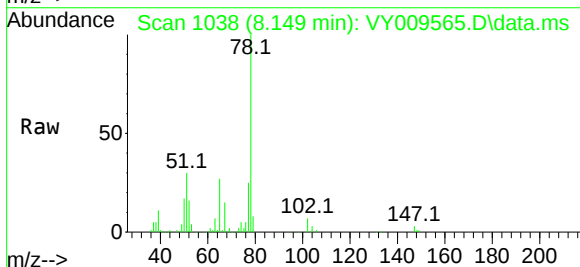
Acq: 14 Jul 2022 15:43

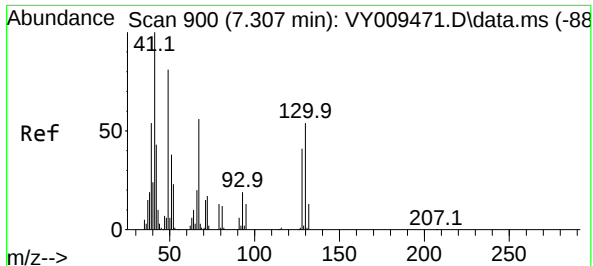
Tgt Ion: 78 Resp: 99451

Ion Ratio Lower Upper

78 100

77 25.2 20.4 30.6

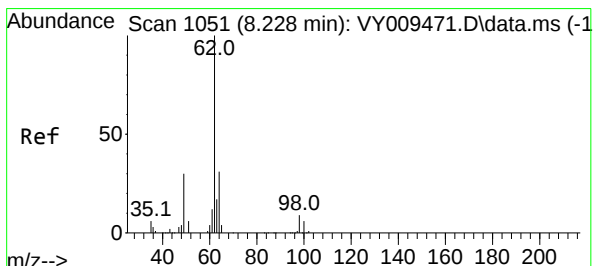
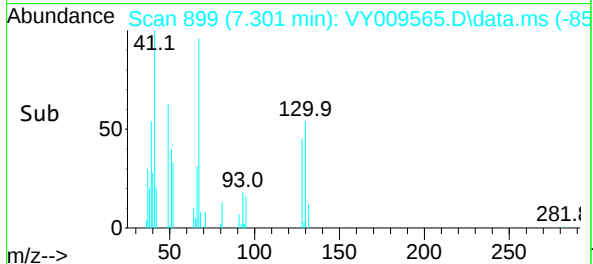
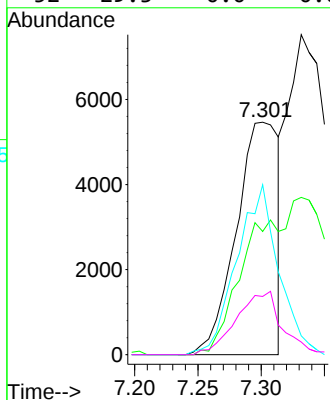
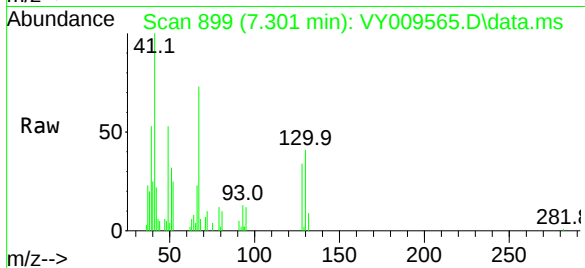




#41
Methacrylonitrile
Concen: 20.307 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

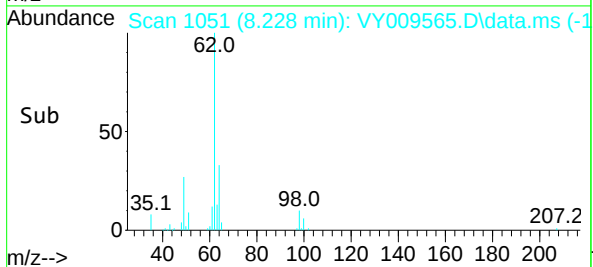
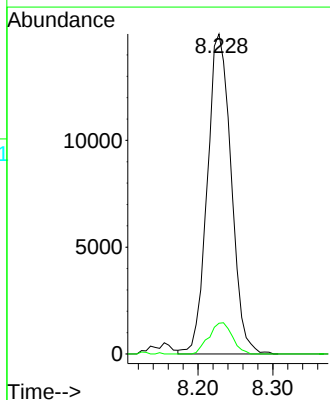
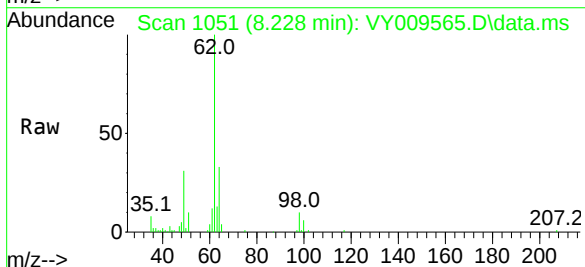
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

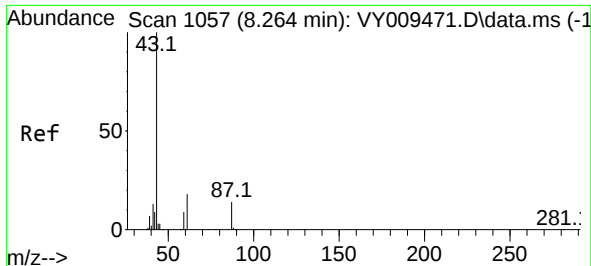
Tgt Ion: 41 Resp: 12727
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 72.3 0.0 0.0#
52 29.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.545 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 62 Resp: 33178
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

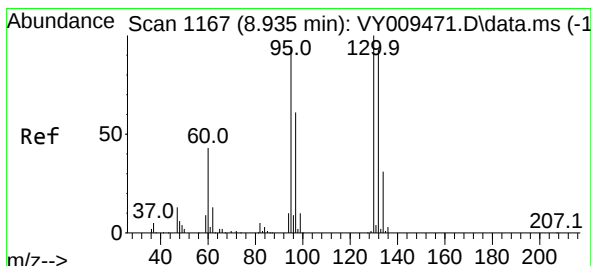
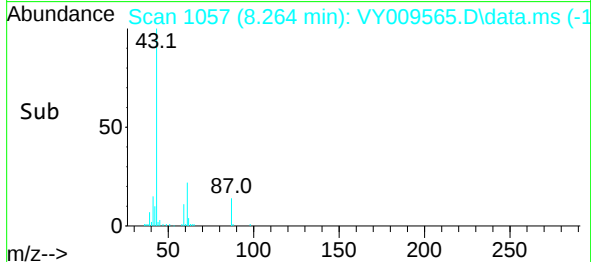
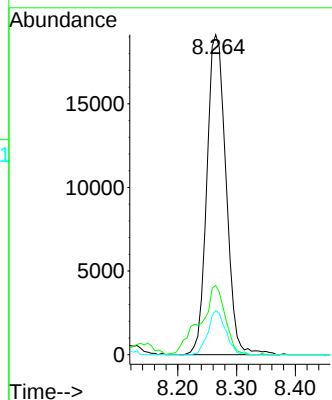
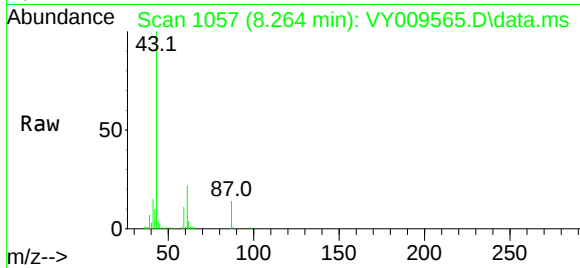




#43
Isopropyl Acetate
Concen: 19.221 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

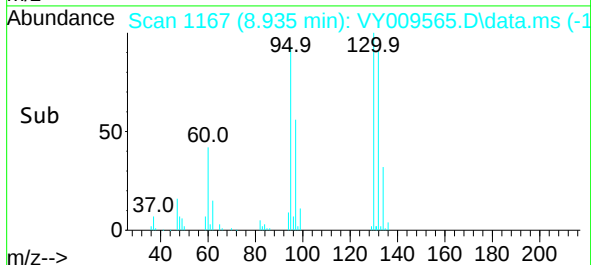
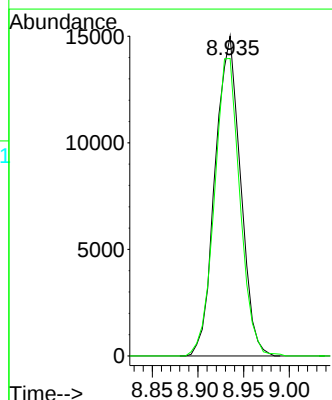
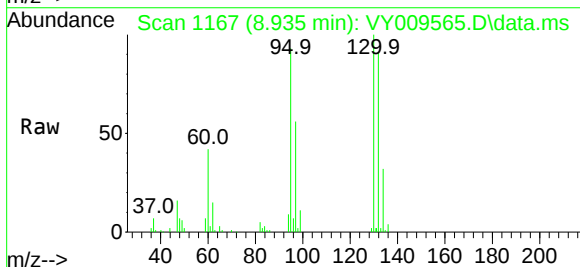
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

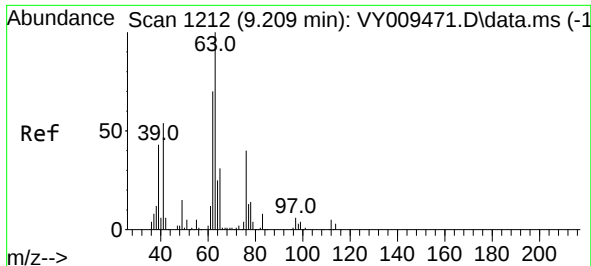
Tgt Ion: 43 Resp: 43285
Ion Ratio Lower Upper
43 100
61 28.3 20.2 30.2
87 12.7 8.9 13.3



#44
Trichloroethene
Concen: 18.155 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion:130 Resp: 28999
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 18.953 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

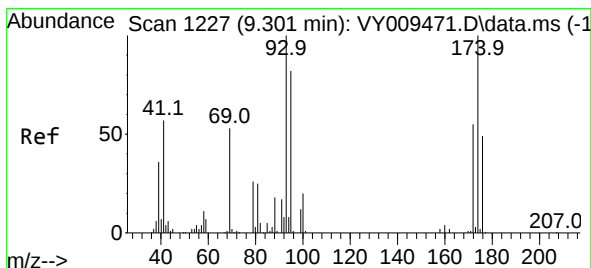
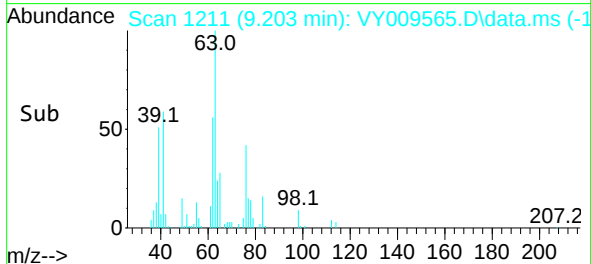
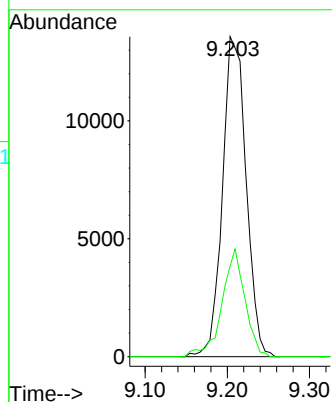
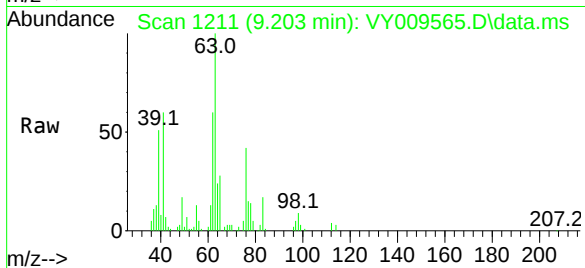
VY0714SBS01

Tgt Ion: 63 Resp: 27120

Ion Ratio Lower Upper

63 100

65 28.3 23.0 34.6



#46

Dibromomethane

Concen: 19.281 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

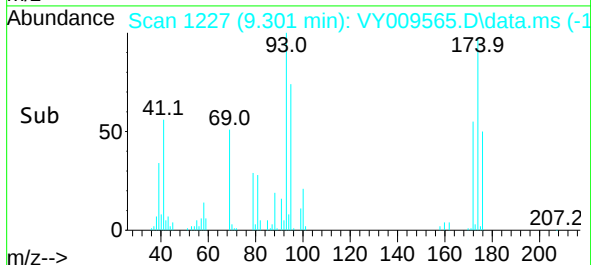
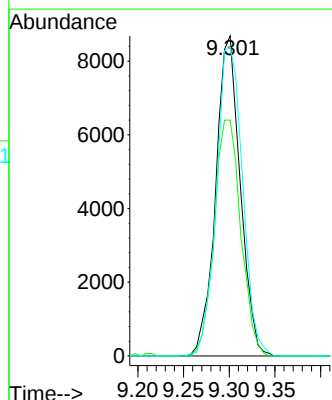
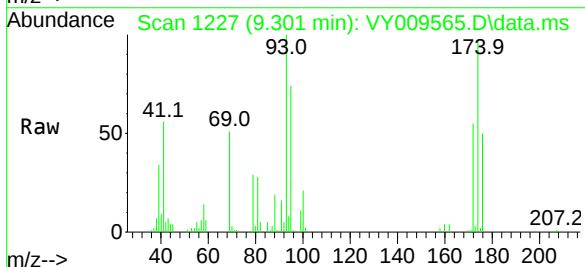
Tgt Ion: 93 Resp: 16193

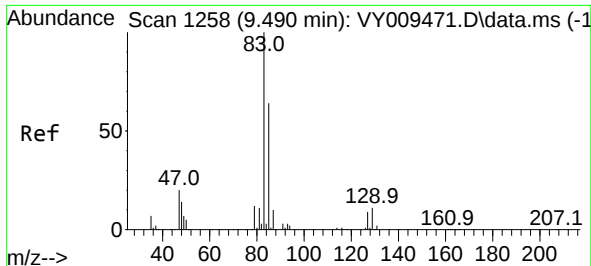
Ion Ratio Lower Upper

93 100

95 79.4 64.3 96.5

174 103.1 83.4 125.0

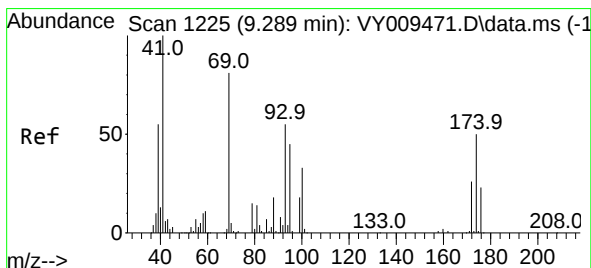
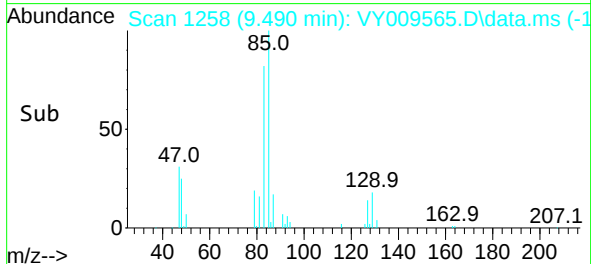
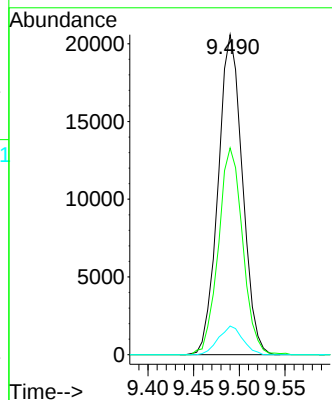
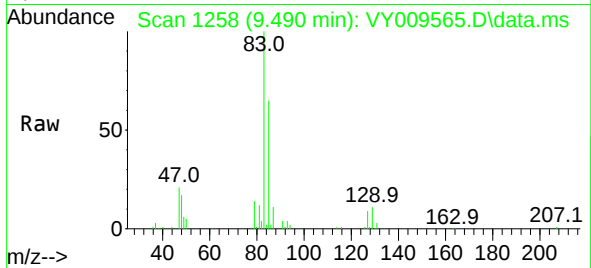




#47
Bromodichloromethane
Concen: 19.015 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

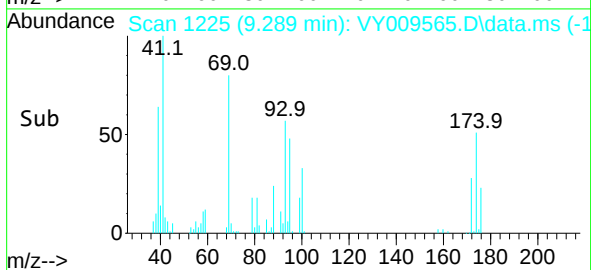
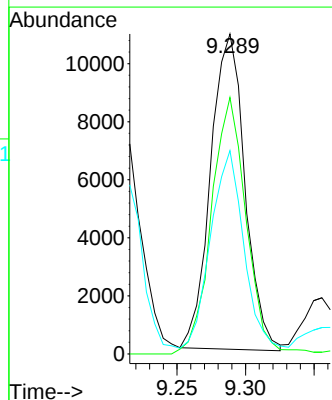
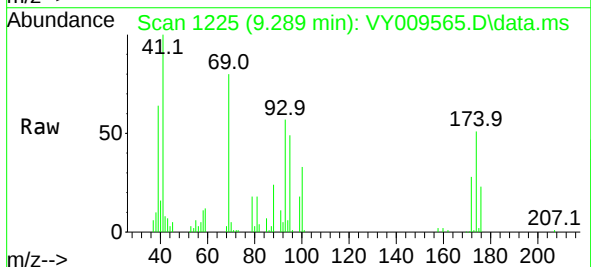
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

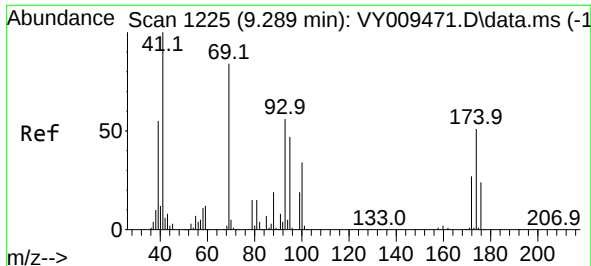
Tgt Ion: 83 Resp: 38010
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 19.498 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 41 Resp: 18918
Ion Ratio Lower Upper
41 100
69 82.3 58.2 87.2
39 64.6 47.4 71.0





#49

1,4-Dioxane

Concen: 388.587 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

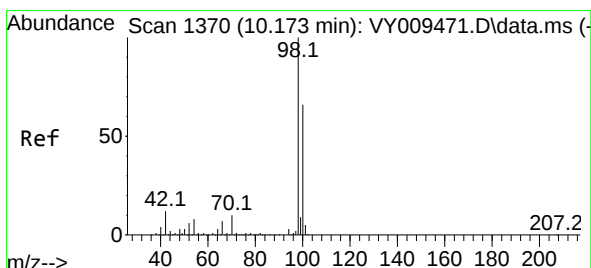
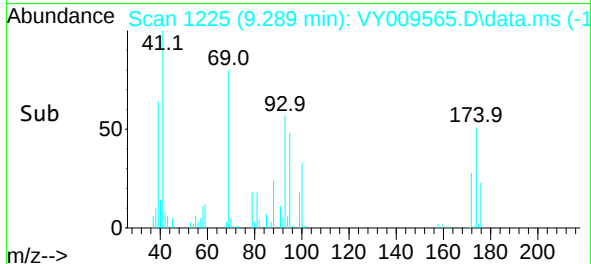
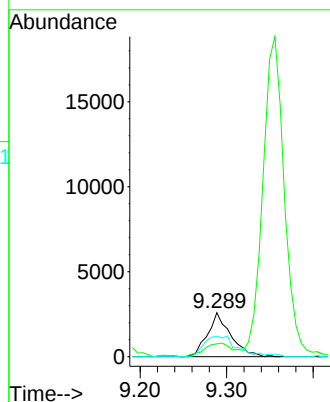
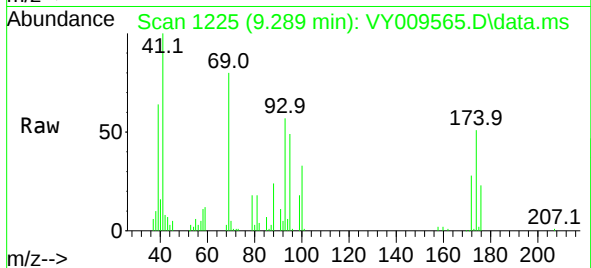
Tgt Ion: 88 Resp: 4806

Ion Ratio Lower Upper

88 100

43 33.7 32.8 49.2

58 67.9 59.8 89.6



#50

Toluene-d8

Concen: 44.399 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009565.D

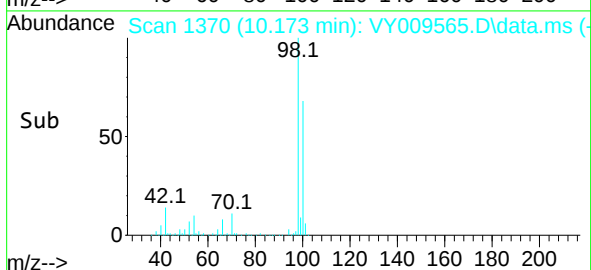
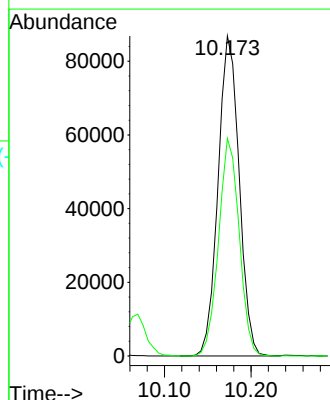
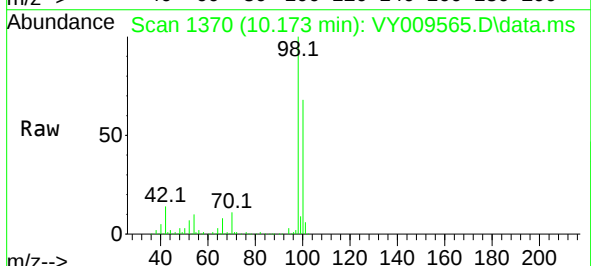
Acq: 14 Jul 2022 15:43

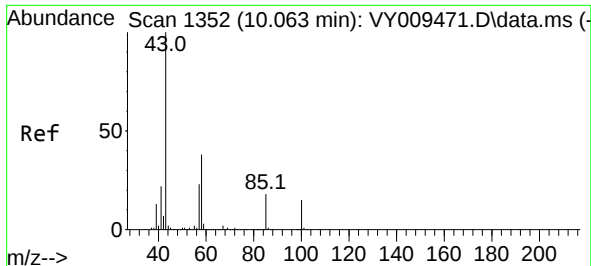
Tgt Ion: 98 Resp: 146923

Ion Ratio Lower Upper

98 100

100 66.5 50.2 75.2

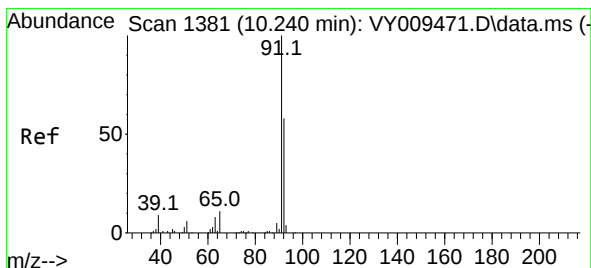
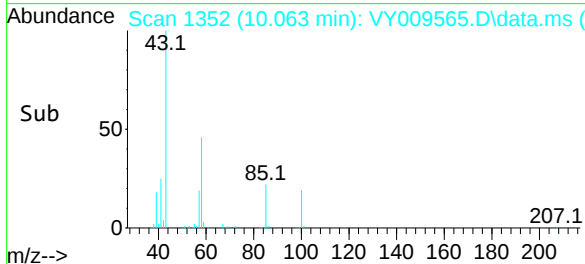
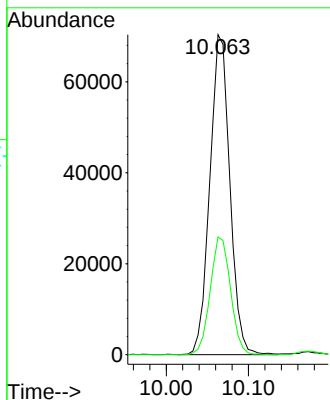
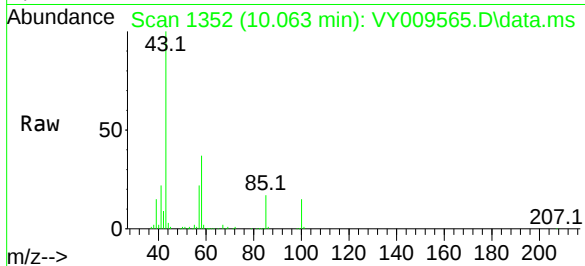




#51
4-Methyl-2-Pentanone
Concen: 100.641 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

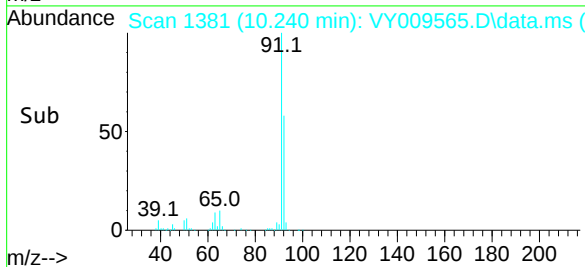
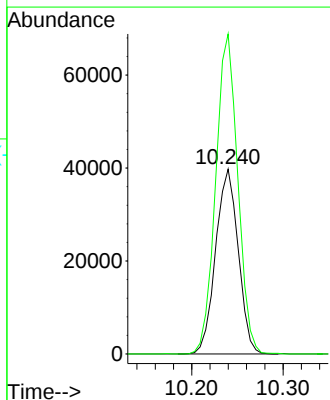
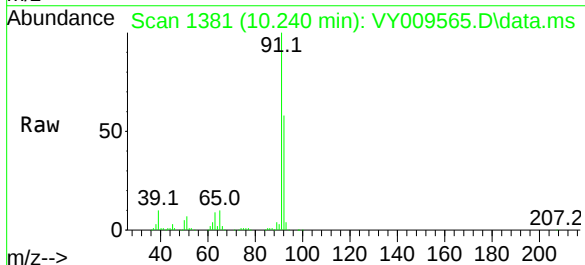
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

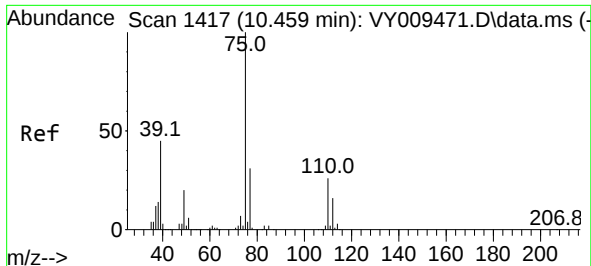
Tgt Ion: 43 Resp: 119191
Ion Ratio Lower Upper
43 100
58 37.3 28.1 42.1



#52
Toluene
Concen: 18.947 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 92 Resp: 68265
Ion Ratio Lower Upper
92 100
91 169.3 142.6 213.8

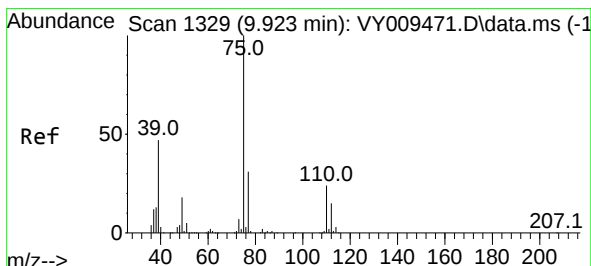
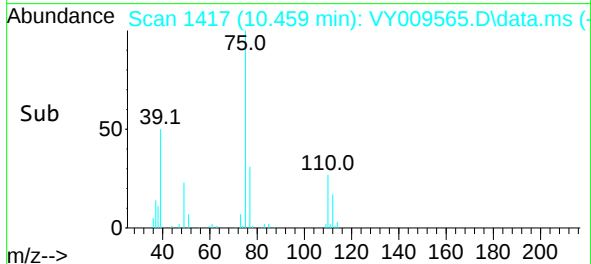
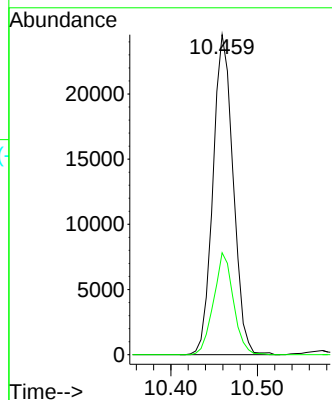
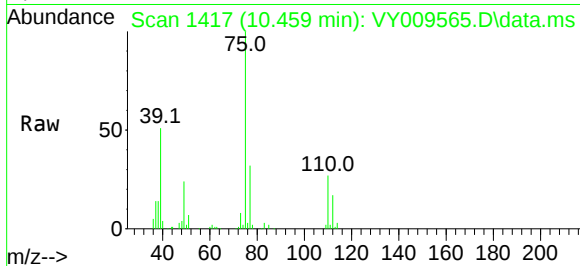




#53
t-1,3-Dichloropropene
Concen: 18.882 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

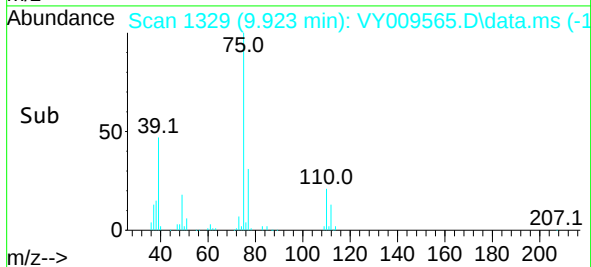
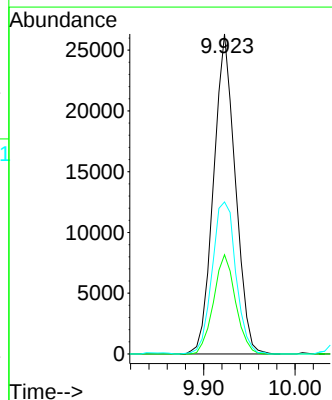
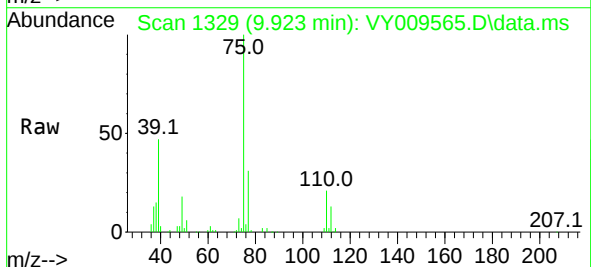
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

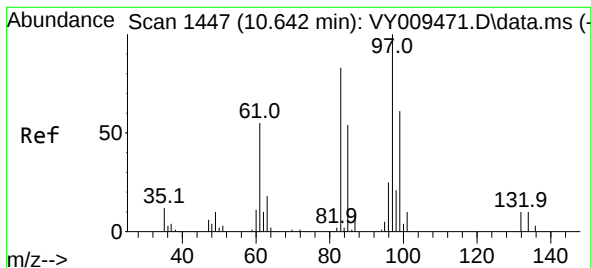
Tgt Ion: 75 Resp: 39775
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.503 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 75 Resp: 43461
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 47.5 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 19.128 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion: 97 Resp: 23175

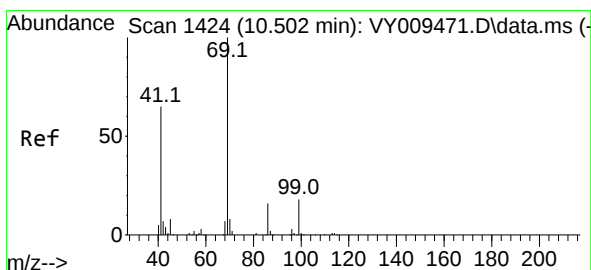
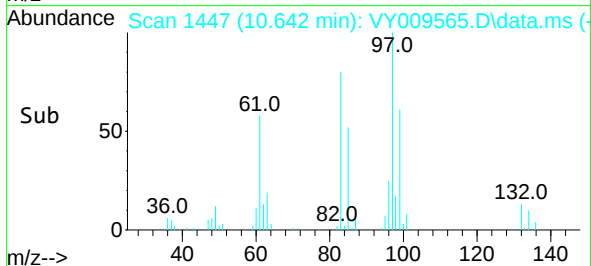
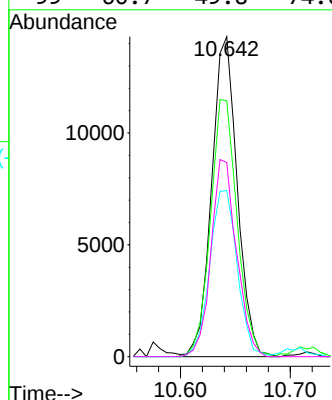
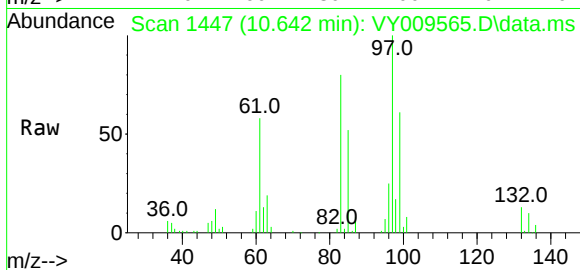
Ion Ratio Lower Upper

97 100

83 80.0 69.8 104.8

85 51.9 44.3 66.5

99 60.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 18.747 ug/l

RT: 10.502 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

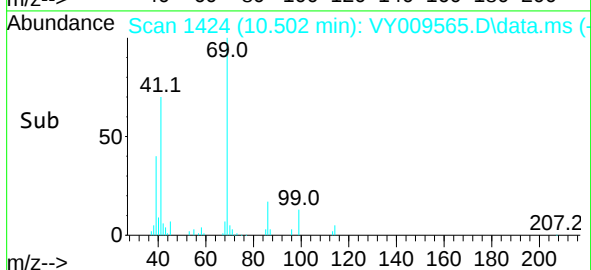
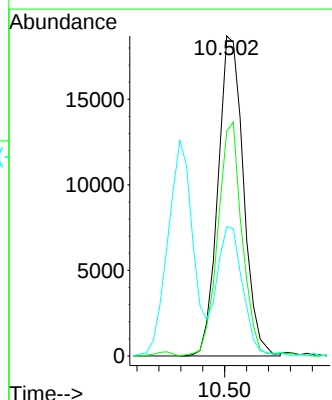
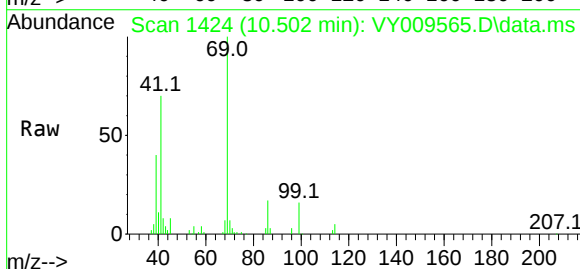
Tgt Ion: 69 Resp: 30156

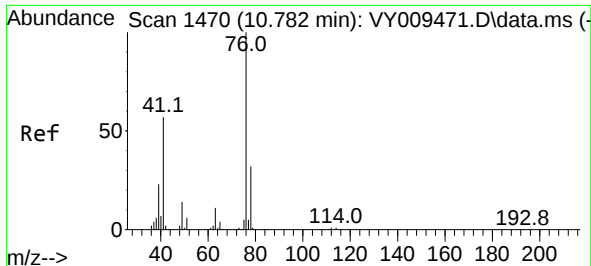
Ion Ratio Lower Upper

69 100

41 69.3 63.4 95.0

39 40.7 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.399 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

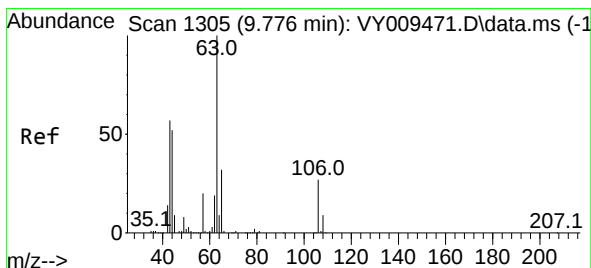
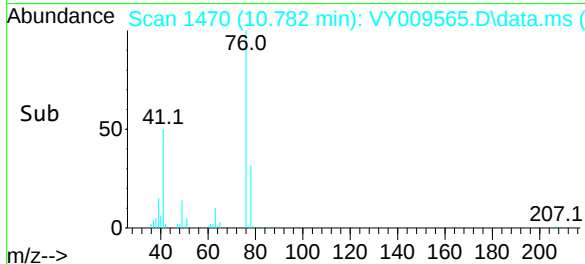
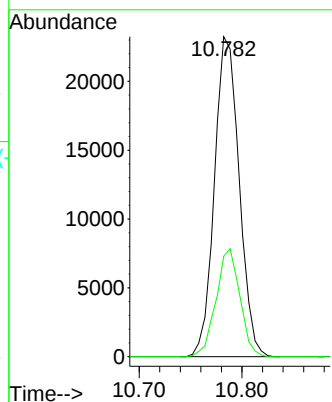
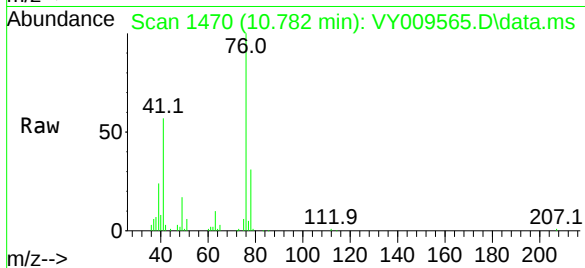
VY0714SBS01

Tgt Ion: 76 Resp: 38746

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.217 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009565.D

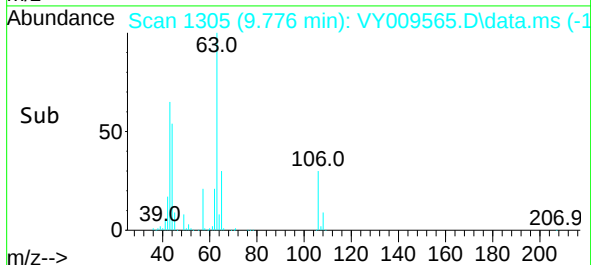
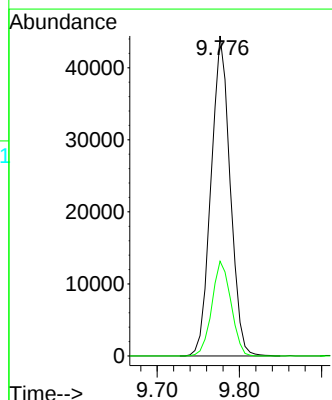
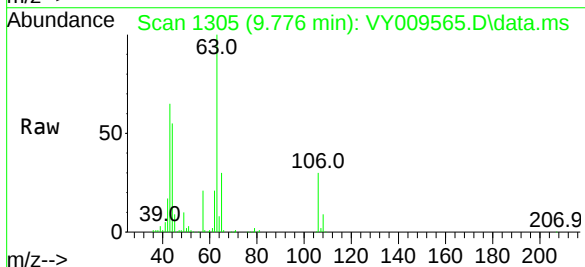
Acq: 14 Jul 2022 15:43

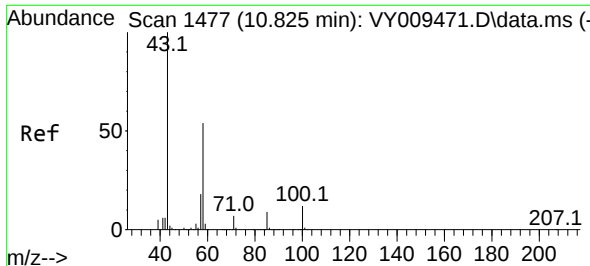
Tgt Ion: 63 Resp: 71676

Ion Ratio Lower Upper

63 100

106 29.6 21.5 32.3

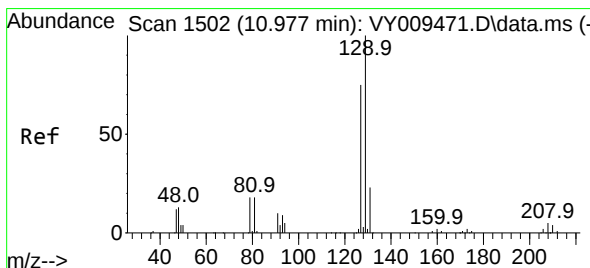
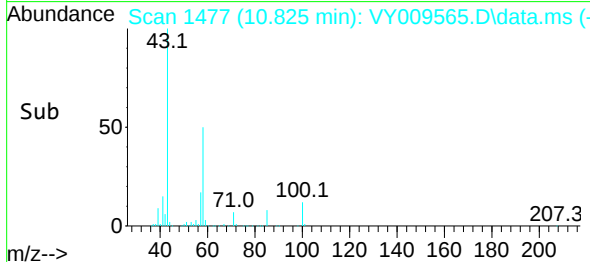
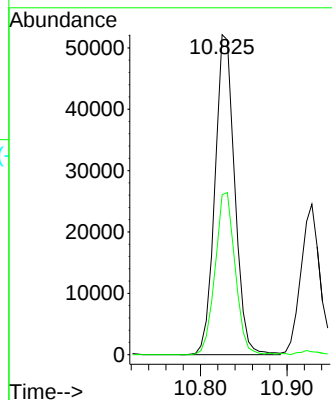
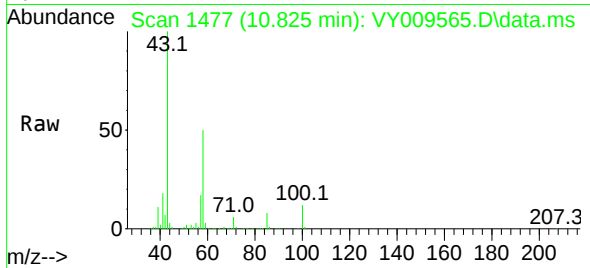




#59
2-Hexanone
Concen: 100.701 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

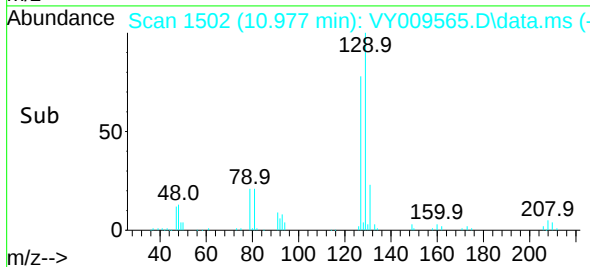
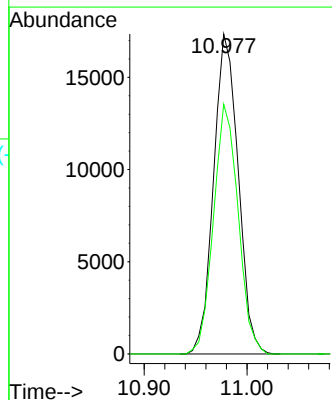
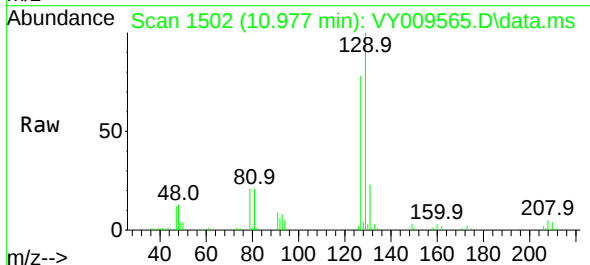
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

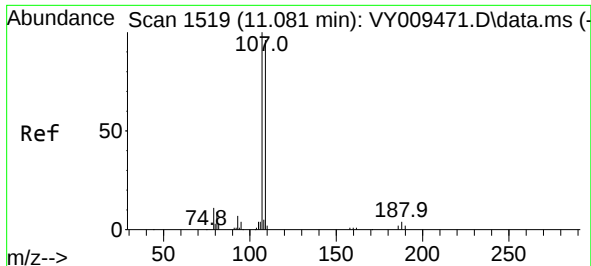
Tgt Ion: 43 Resp: 82640
Ion Ratio Lower Upper
43 100
58 51.1 24.4 73.4



#60
Dibromochloromethane
Concen: 19.659 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 129 Resp: 28843
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

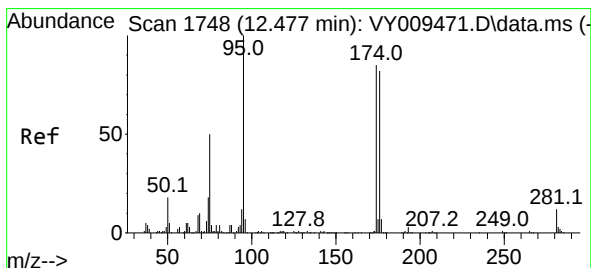
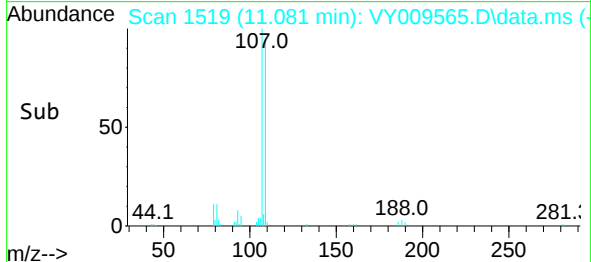
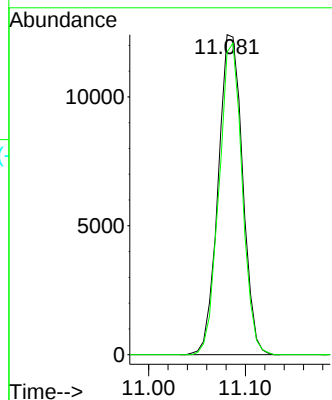
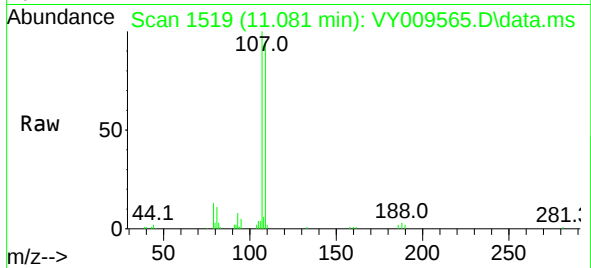




#61
1,2-Dibromoethane
Concen: 18.686 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

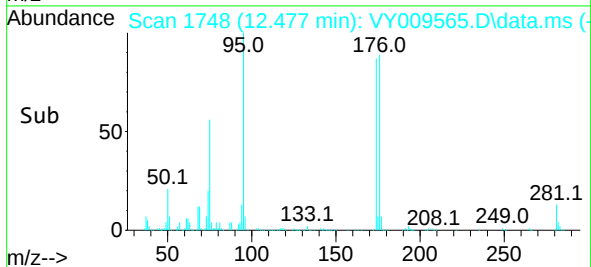
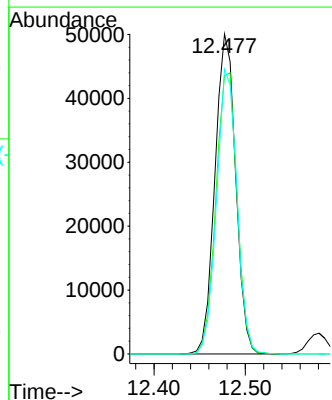
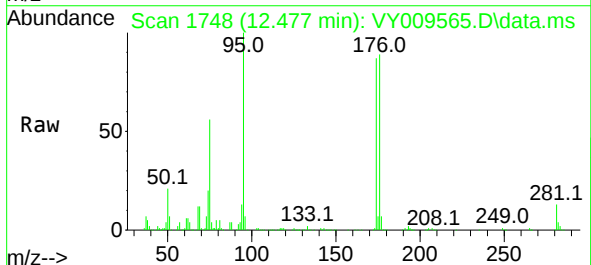
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

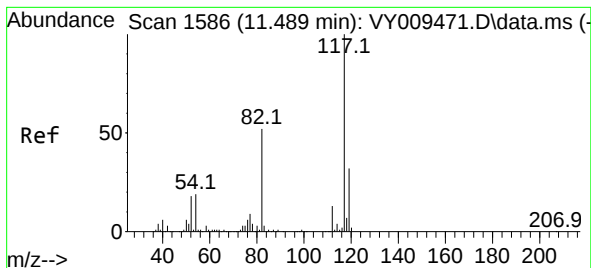
Tgt Ion:107 Resp: 21704
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 95 Resp: 78703
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

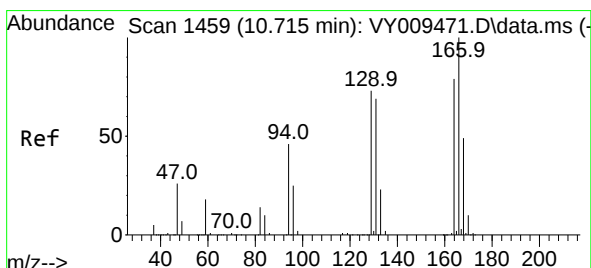
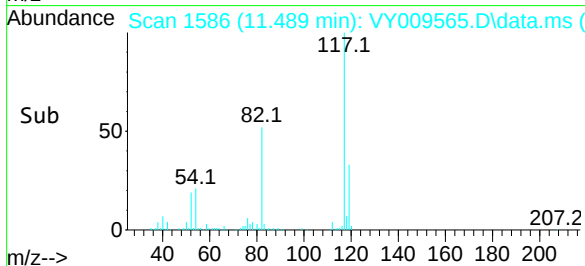
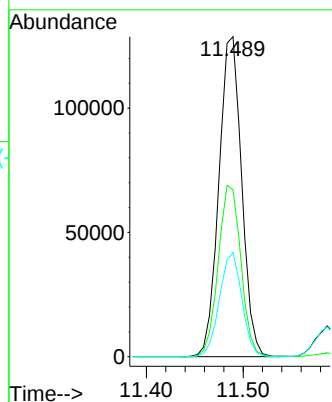
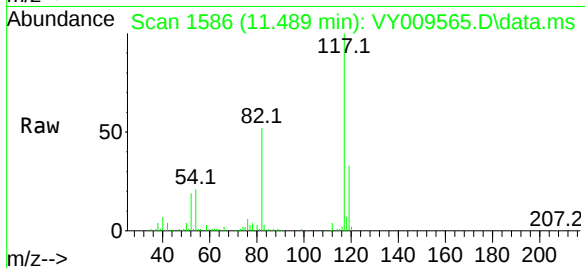
Tgt Ion:117 Resp: 210187

Ion Ratio Lower Upper

117 100

82 52.2 43.0 64.4

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 15.542 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Tgt Ion:164 Resp: 27312

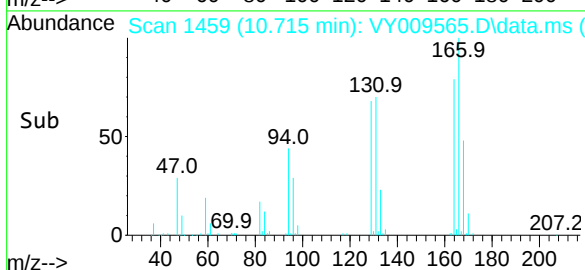
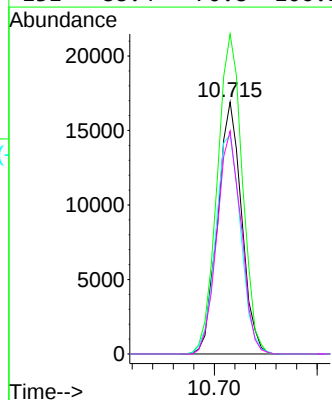
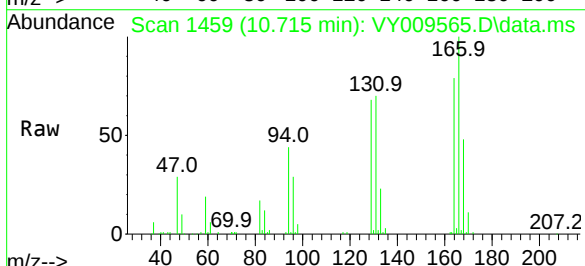
Ion Ratio Lower Upper

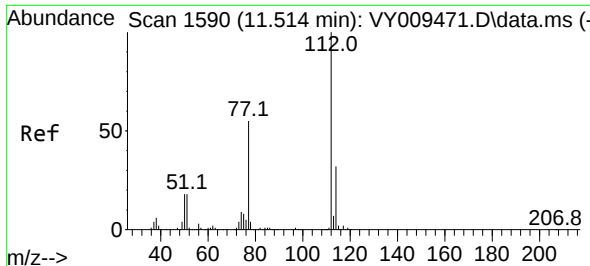
164 100

166 127.0 100.4 150.6

129 86.8 71.4 107.0

131 88.4 70.8 106.2

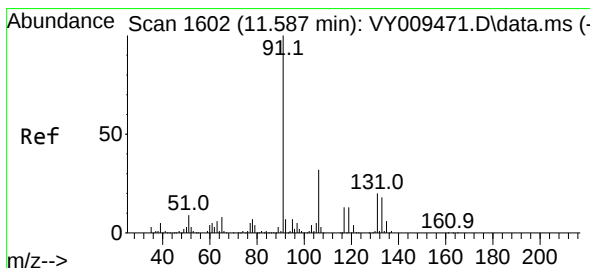
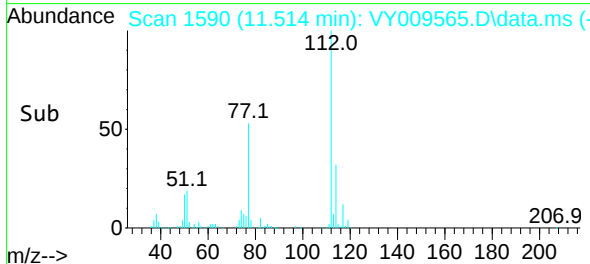
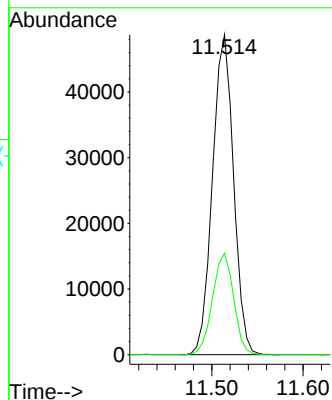
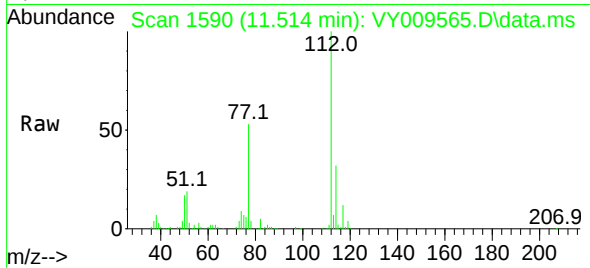




#65
Chlorobenzene
Concen: 18.896 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

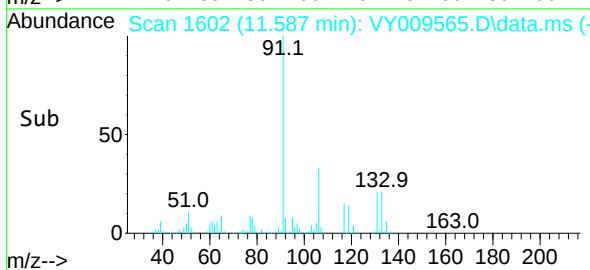
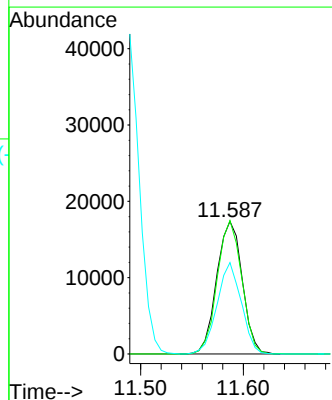
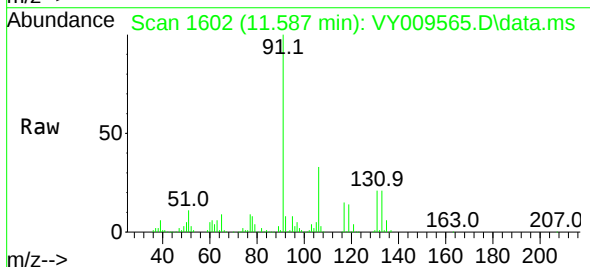
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

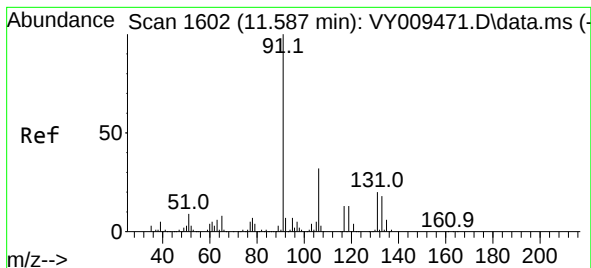
Tgt Ion:112 Resp: 78002
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.296 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion:131 Resp: 29963
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 65.4 30.8 92.3

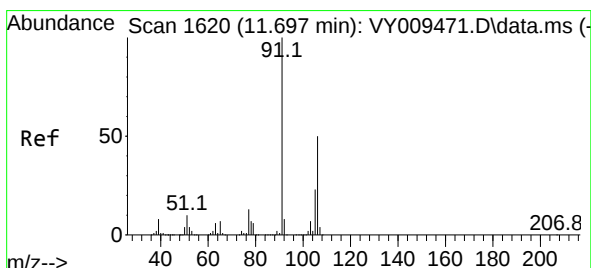
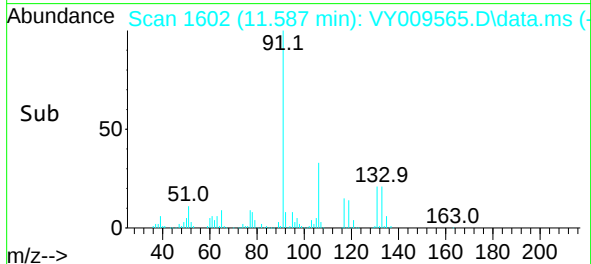
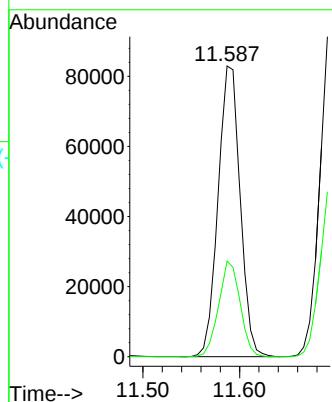
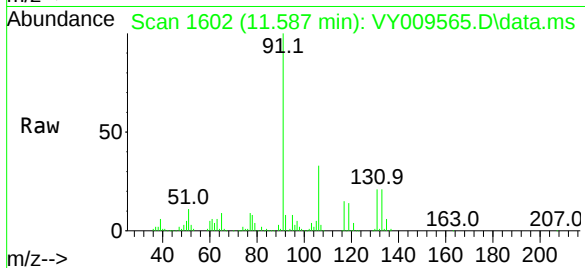




#67
Ethyl Benzene
Concen: 18.240 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

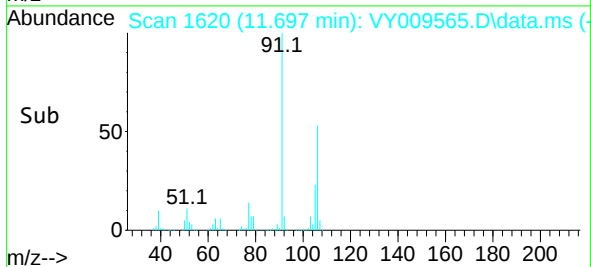
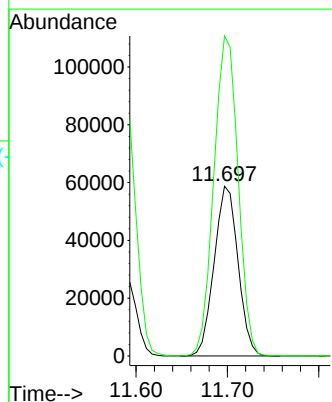
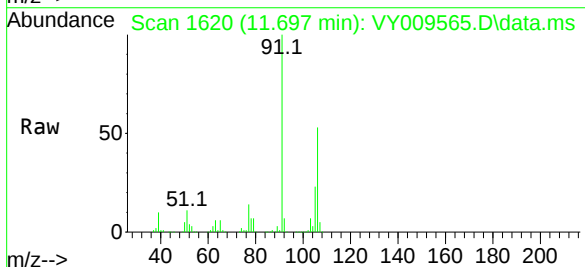
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

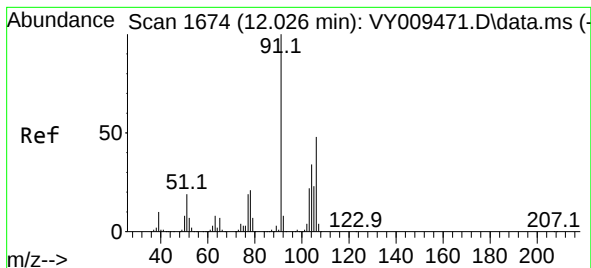
Tgt Ion: 91 Resp: 131450
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7



#68
m/p-Xylenes
Concen: 37.902 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 106 Resp: 106530
Ion Ratio Lower Upper
106 100
91 191.8 166.6 249.8

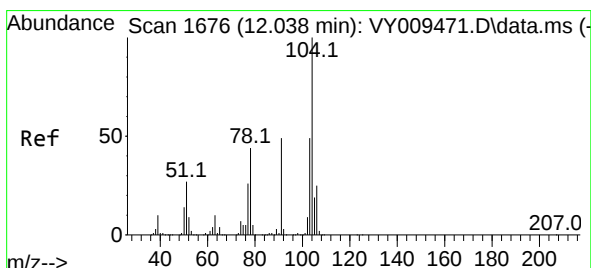
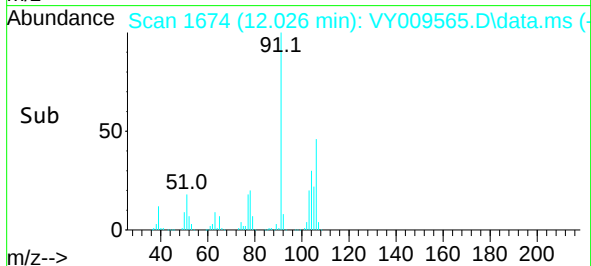
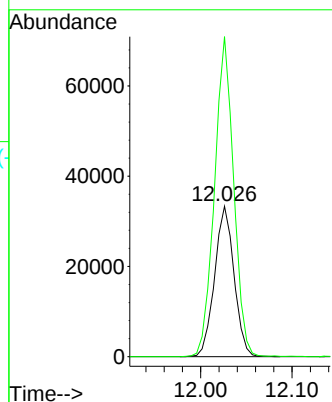
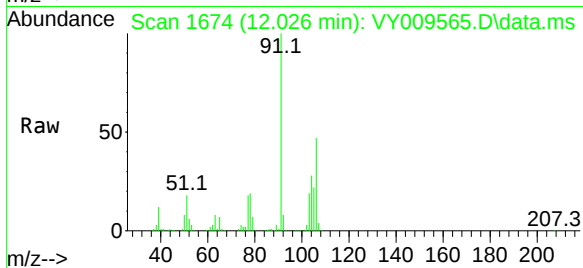




#69
o-Xylene
Concen: 18.301 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

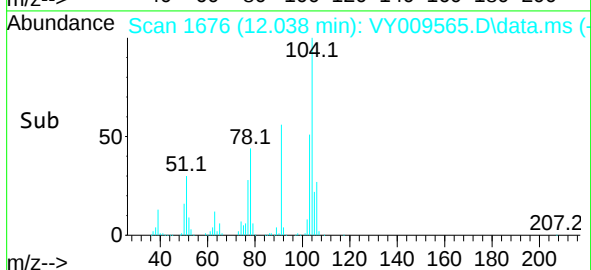
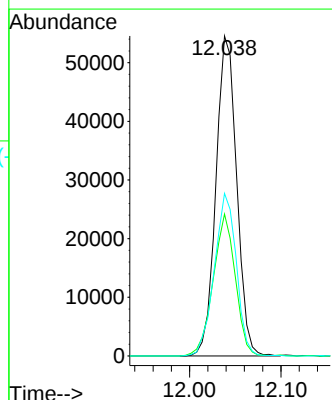
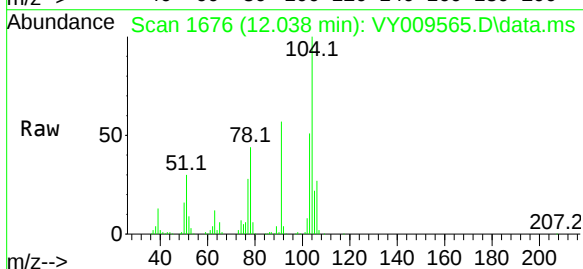
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

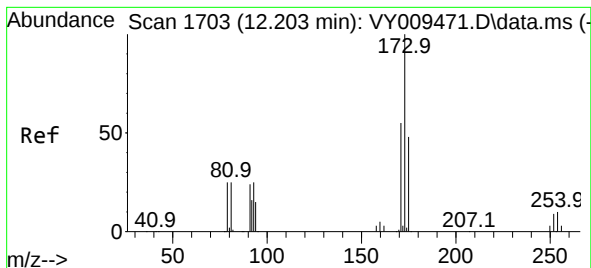
Tgt Ion:106 Resp: 49303
Ion Ratio Lower Upper
106 100
91 209.6 110.3 331.0



#70
Styrene
Concen: 19.126 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion:104 Resp: 86063
Ion Ratio Lower Upper
104 100
78 47.2 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 19.498 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

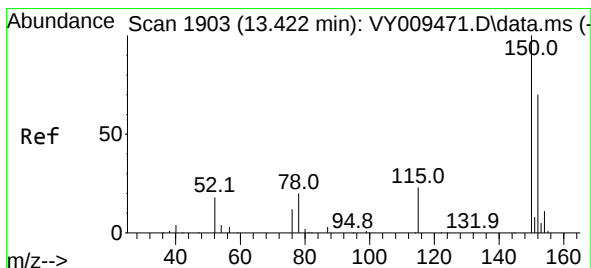
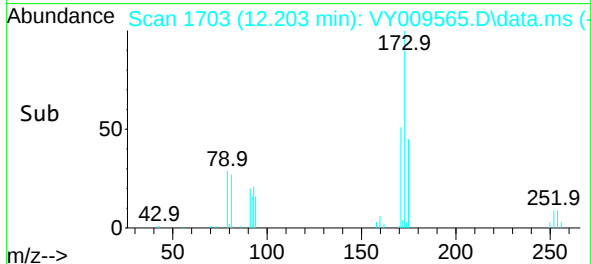
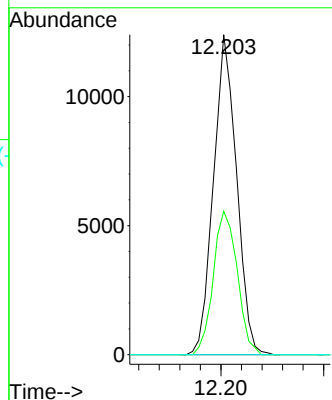
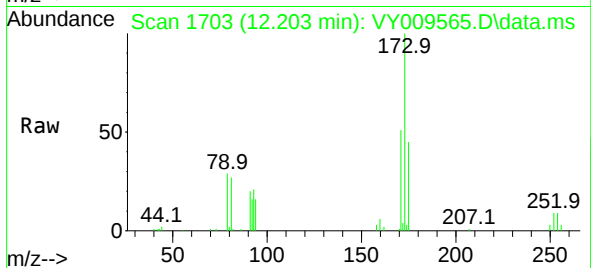
Tgt Ion:173 Resp: 19297

Ion Ratio Lower Upper

173 100

175 46.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

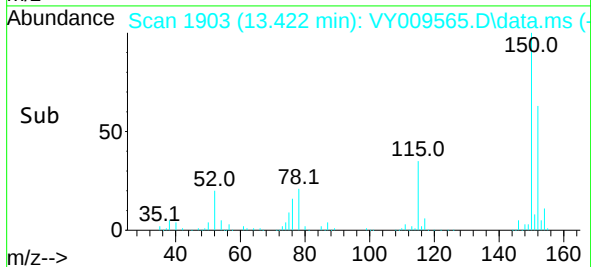
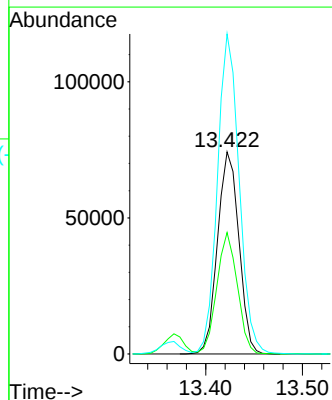
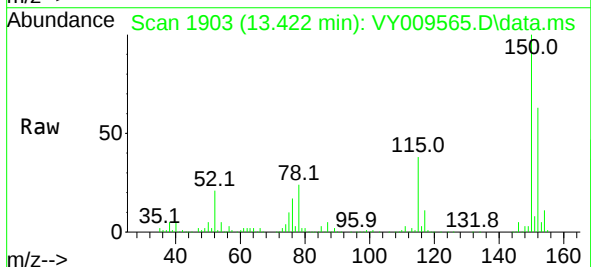
Tgt Ion:152 Resp: 113710

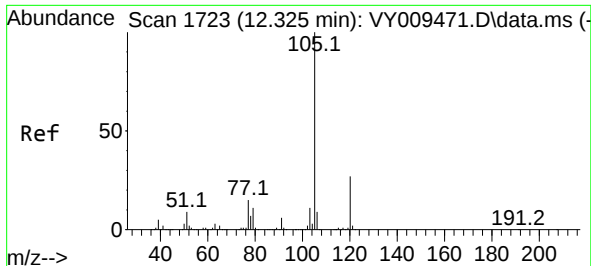
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 161.2 0.0 347.6

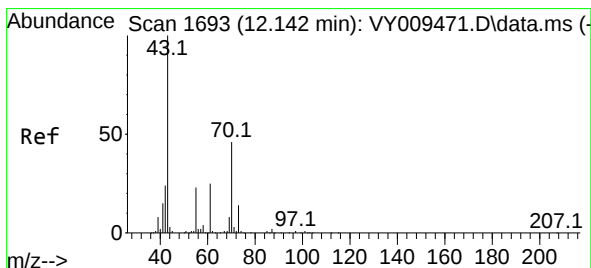
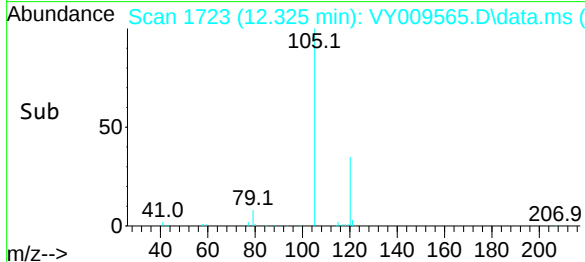
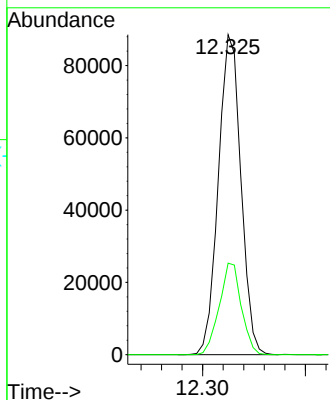
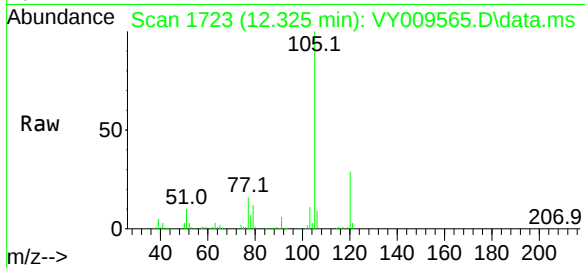




#73
Isopropylbenzene
Concen: 17.312 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

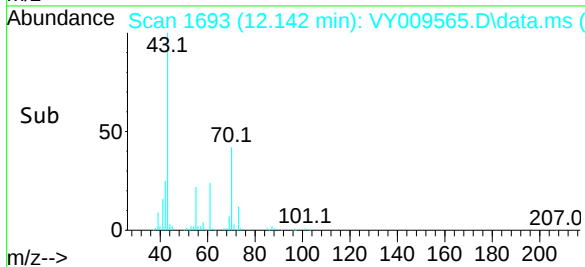
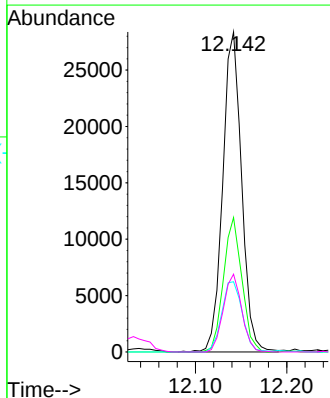
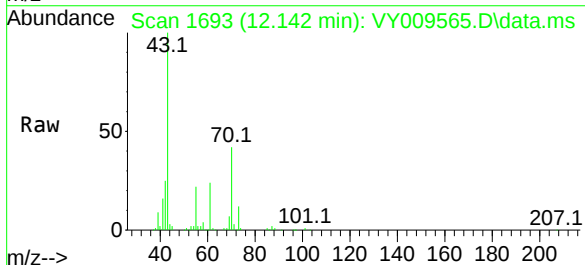
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

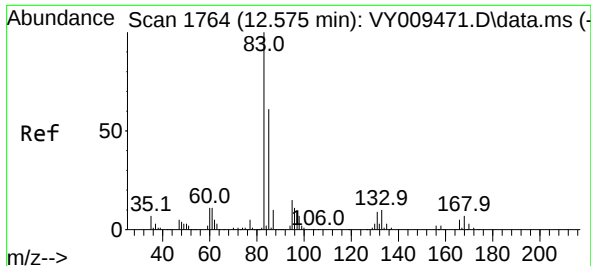
Tgt Ion:105 Resp: 134626
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2



#74
N-ethyl acetate
Concen: 18.435 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 43 Resp: 40790
Ion Ratio Lower Upper
43 100
70 40.9 28.7 43.1
55 23.8 17.3 25.9
61 23.7 17.0 25.6

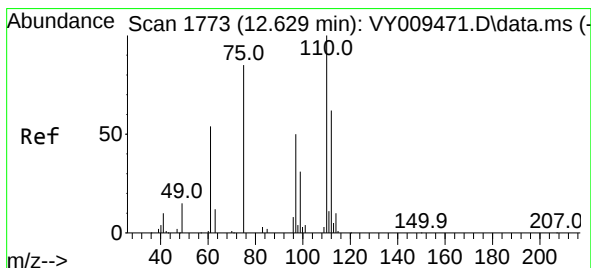
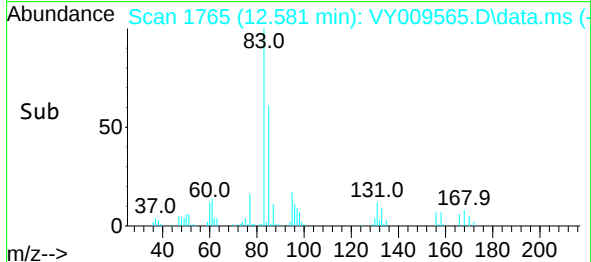
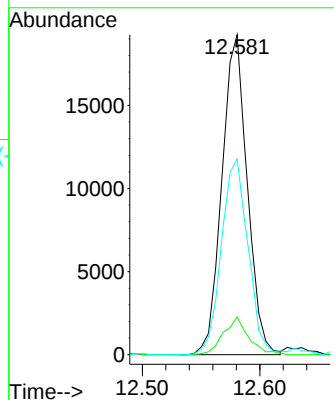
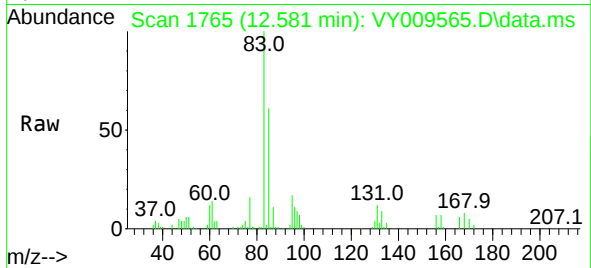




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.527 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY009565.D
 Acq: 14 Jul 2022 15:43

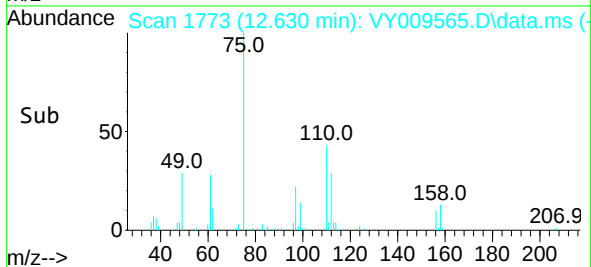
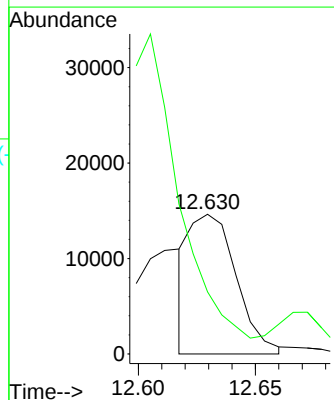
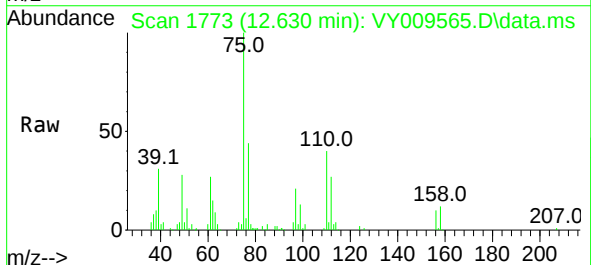
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

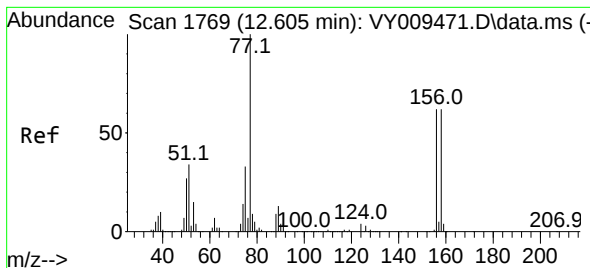
Tgt Ion: 83 Resp: 28848
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 16.903 ug/l m
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY009565.D
 Acq: 14 Jul 2022 15:43

Tgt Ion: 75 Resp: 20346
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.868 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

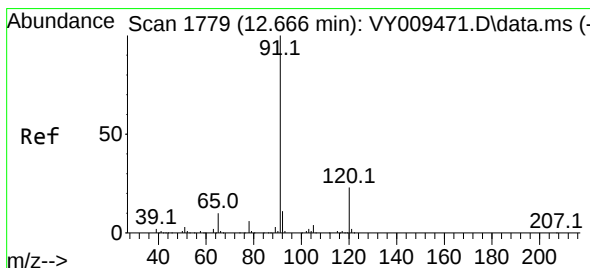
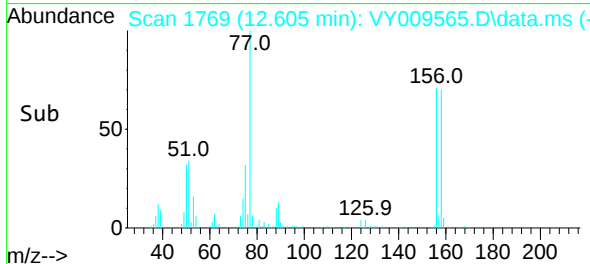
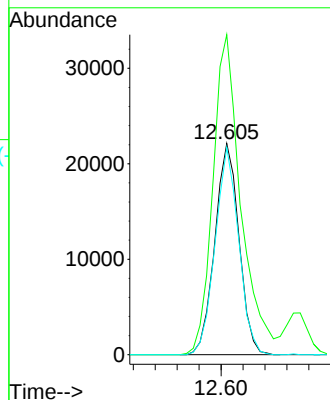
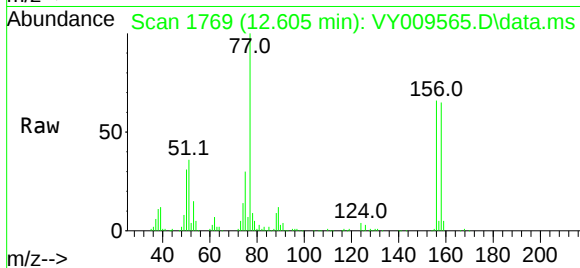
Tgt Ion:156 Resp: 33827

Ion Ratio Lower Upper

156 100

77 174.8 95.5 286.4

158 95.7 48.0 144.0



#78

n-propylbenzene

Concen: 17.657 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009565.D

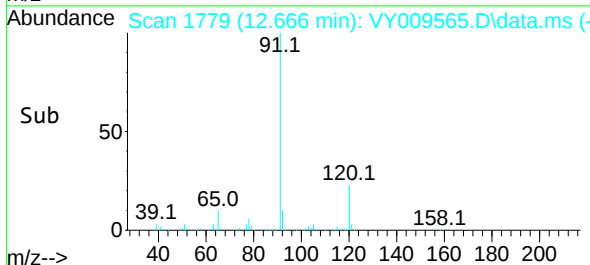
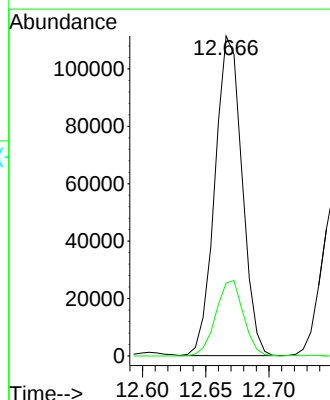
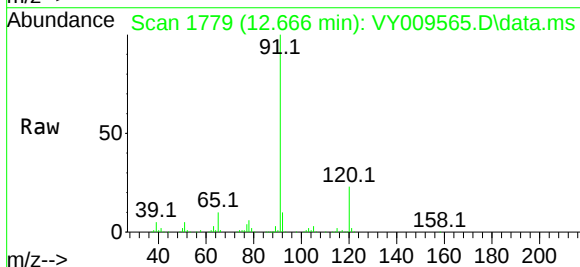
Acq: 14 Jul 2022 15:43

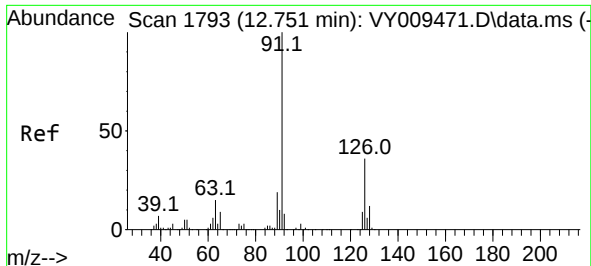
Tgt Ion: 91 Resp: 165894

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9

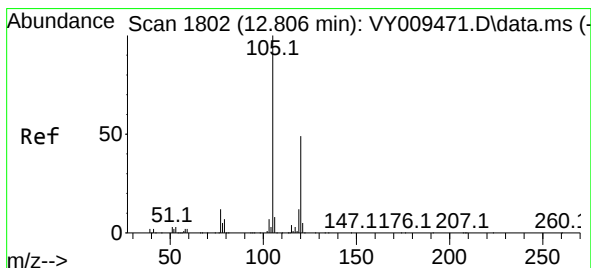
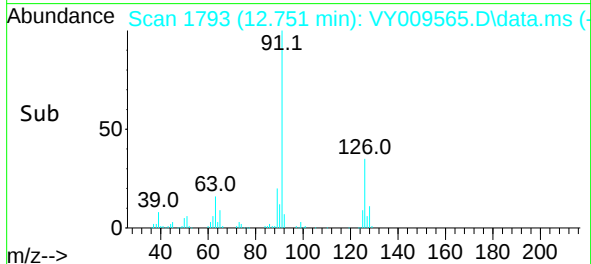
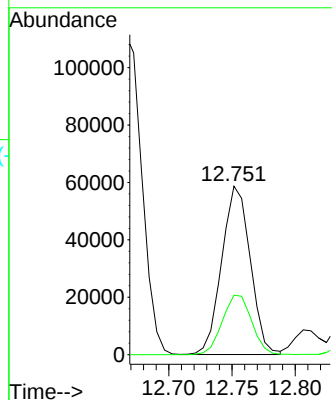
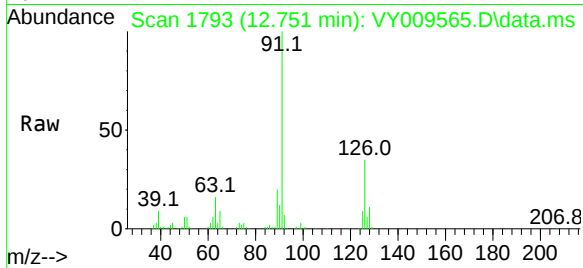




#79
2-Chlorotoluene
Concen: 17.527 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

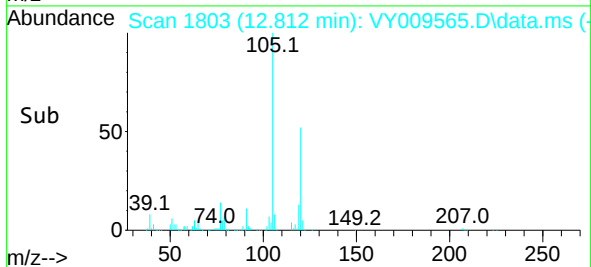
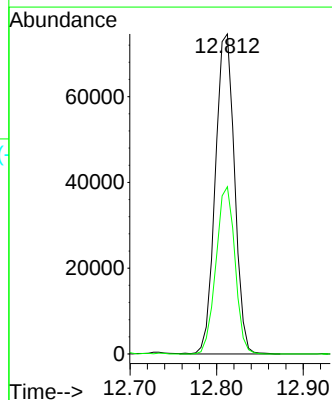
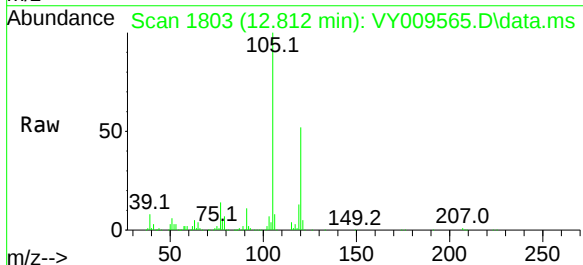
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

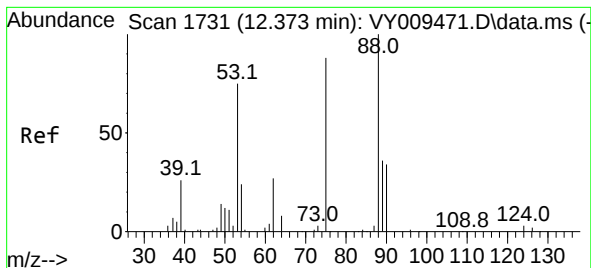
Tgt Ion: 91 Resp: 92192
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 17.689 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 105 Resp: 114980
Ion Ratio Lower Upper
105 100
120 51.5 24.4 73.4

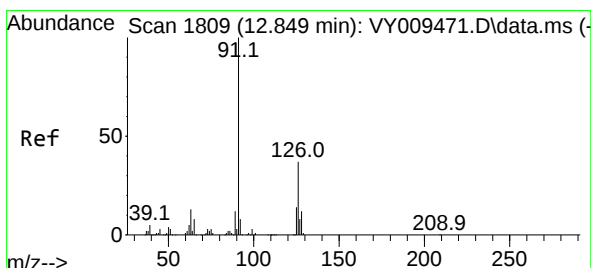
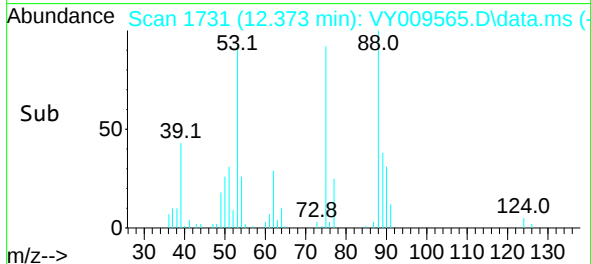
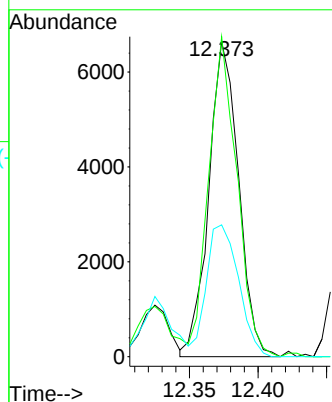
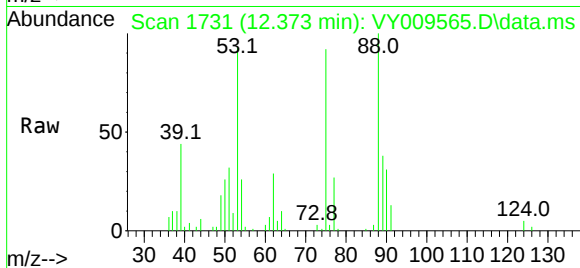




#81
trans-1,4-Dichloro-2-butene
Concen: 17.055 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

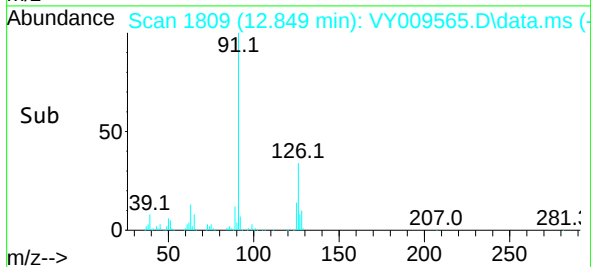
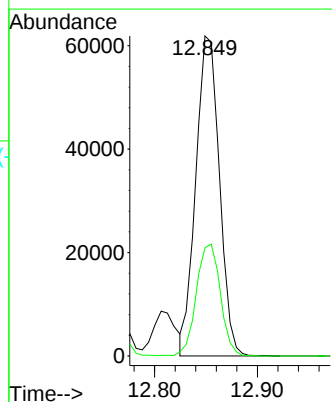
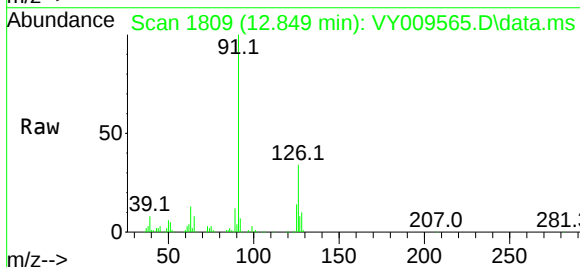
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

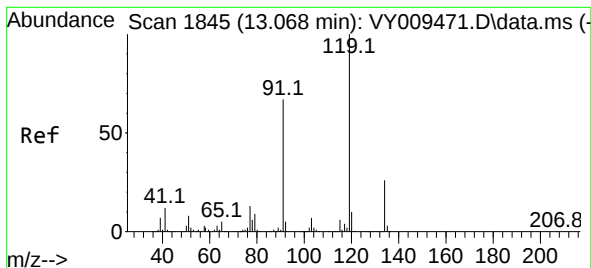
Tgt Ion: 75 Resp: 10031
Ion Ratio Lower Upper
75 100
53 96.4 85.3 127.9
89 45.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 17.938 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 91 Resp: 98883
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 17.993 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

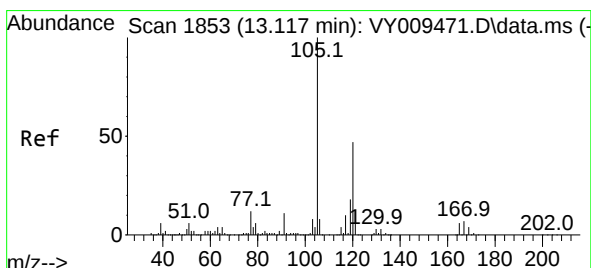
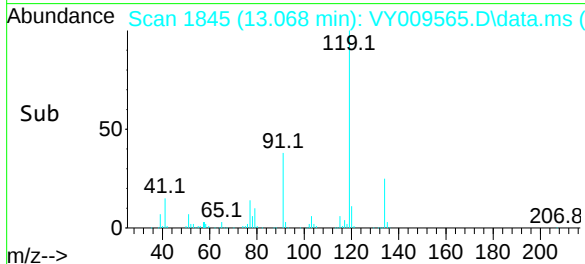
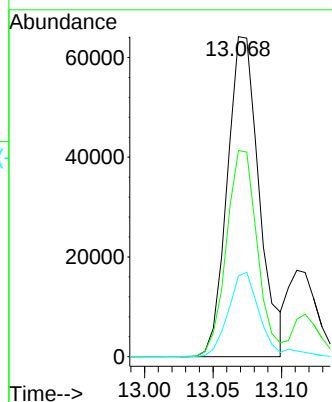
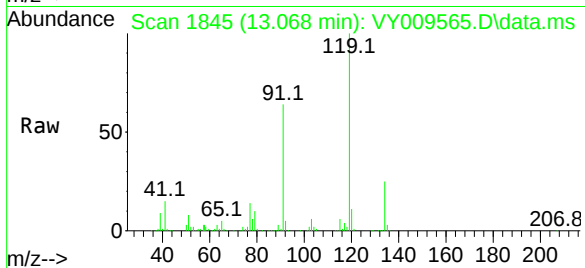
Tgt Ion:119 Resp: 104055

Ion Ratio Lower Upper

119 100

91 62.4 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 17.884 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009565.D

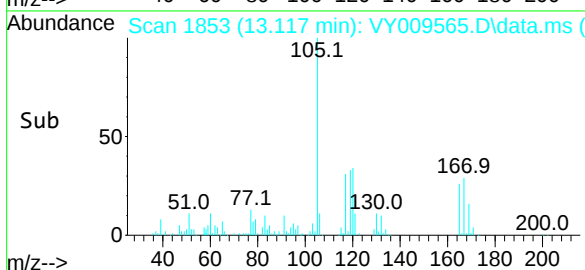
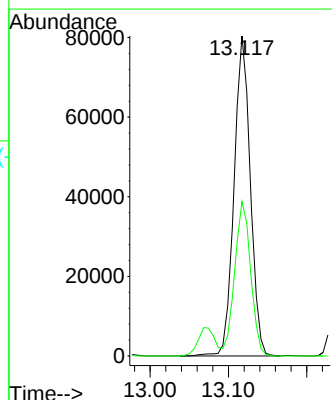
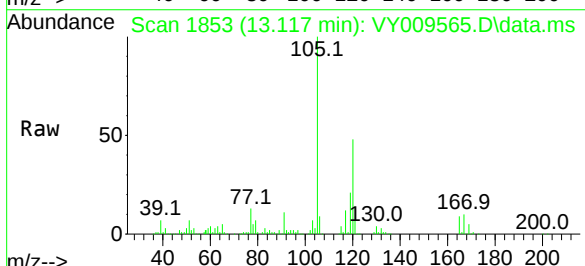
Acq: 14 Jul 2022 15:43

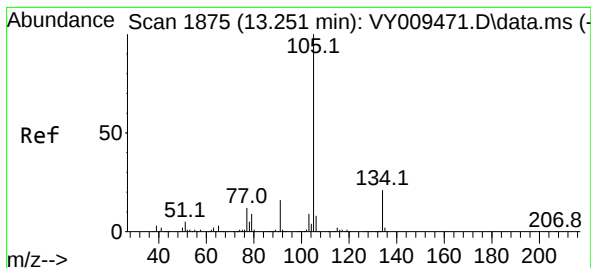
Tgt Ion:105 Resp: 115706

Ion Ratio Lower Upper

105 100

120 47.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 18.255 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

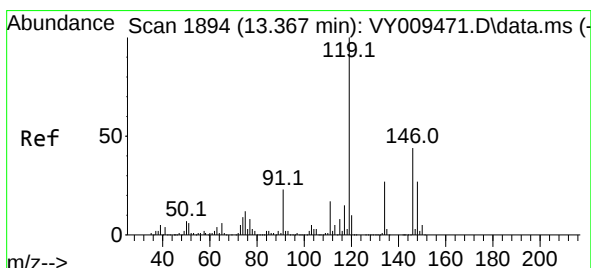
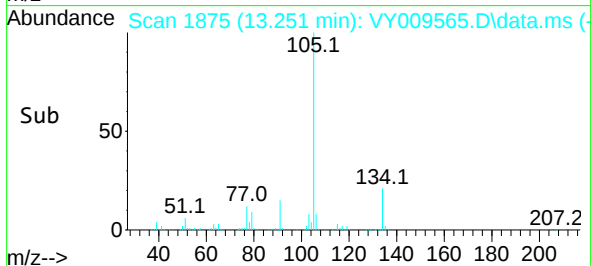
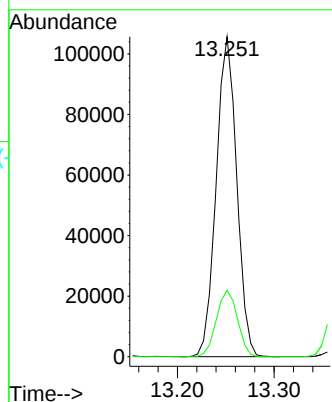
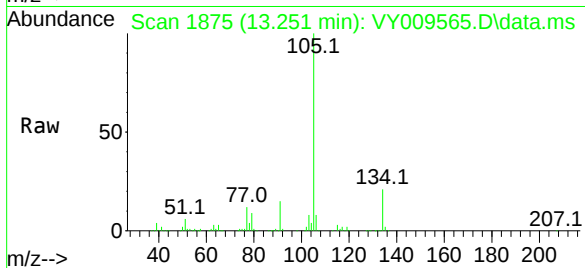
VY0714SBS01

Tgt Ion:105 Resp: 155478

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.291 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

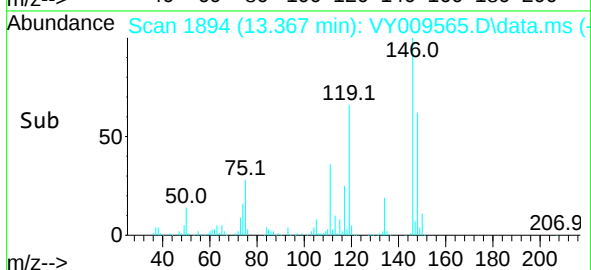
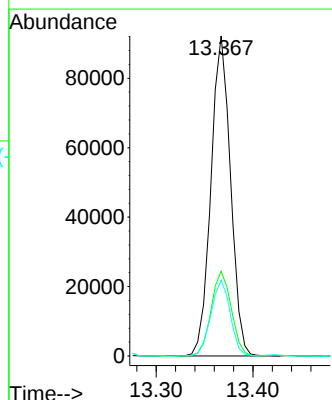
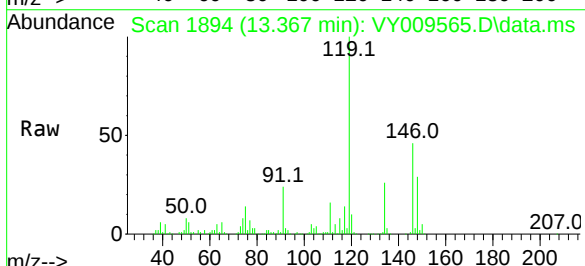
Tgt Ion:119 Resp: 129856

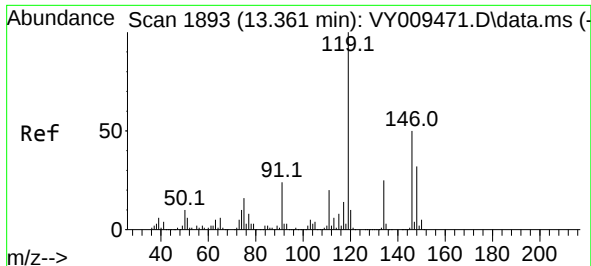
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.446 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

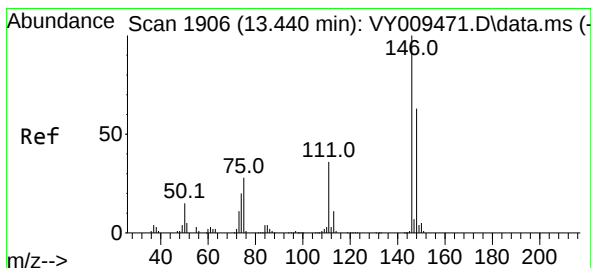
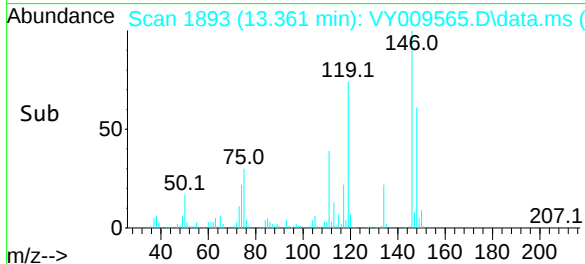
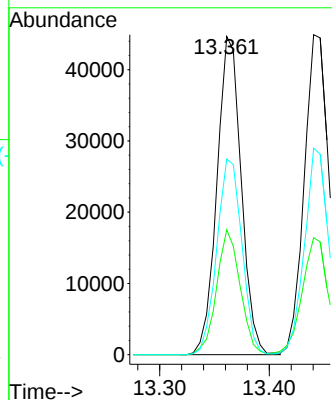
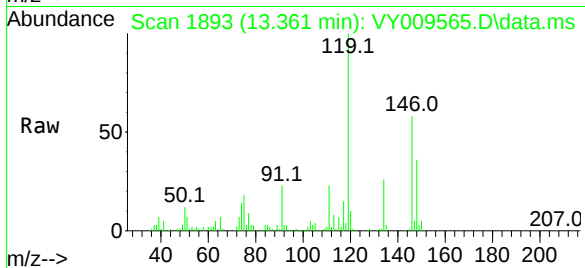
Tgt Ion:146 Resp: 68934

Ion Ratio Lower Upper

146 100

111 38.0 19.5 58.5

148 63.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 18.576 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

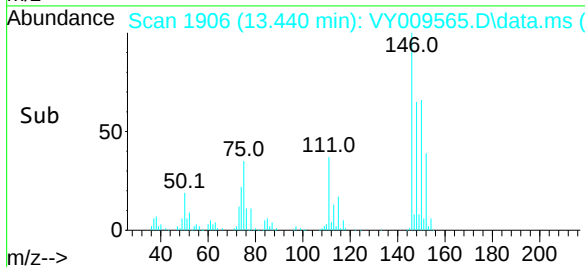
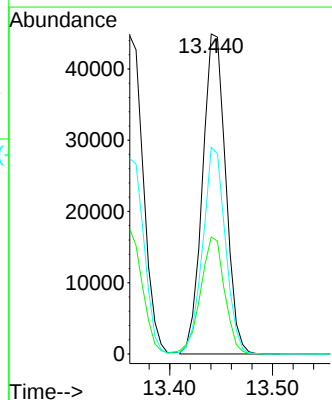
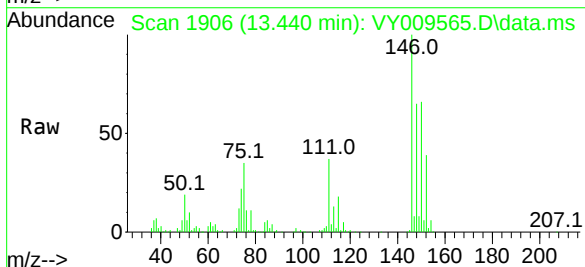
Tgt Ion:146 Resp: 70261

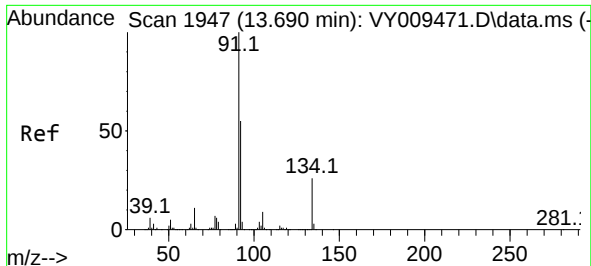
Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

148 63.4 32.6 97.8





#89

n-Butylbenzene

Concen: 18.125 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

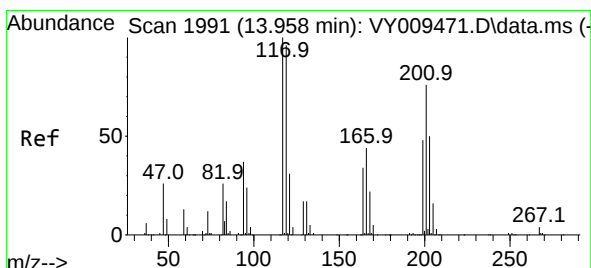
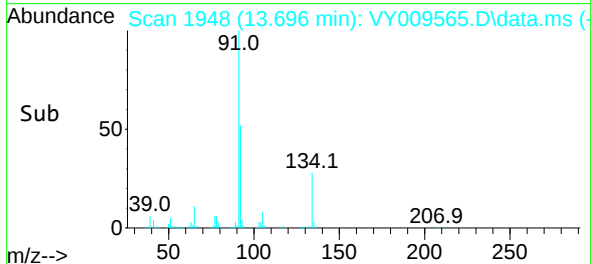
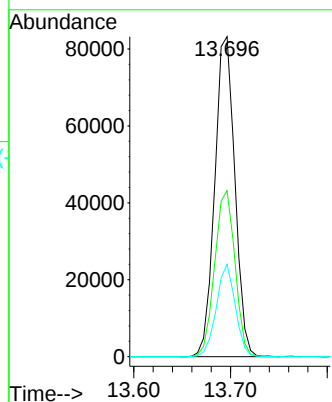
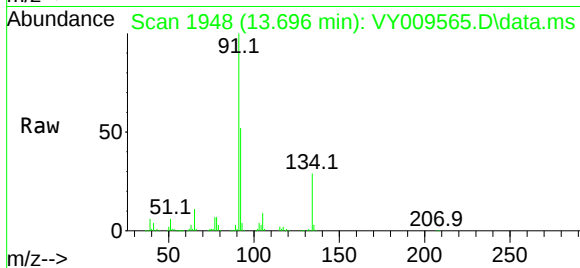
Tgt Ion: 91 Resp: 120158

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 18.551 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009565.D

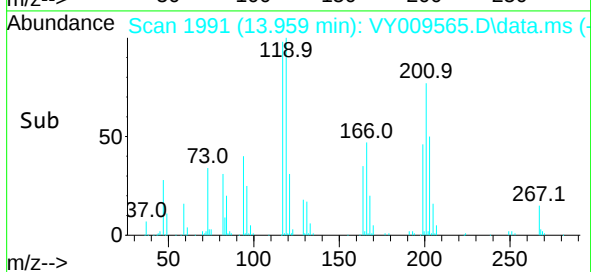
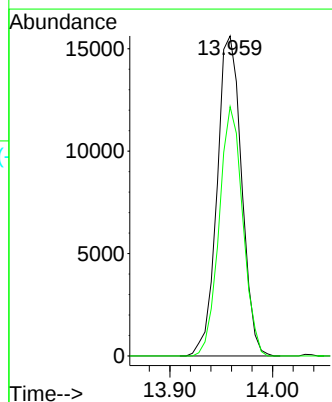
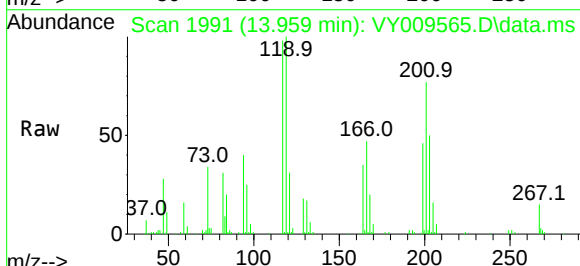
Acq: 14 Jul 2022 15:43

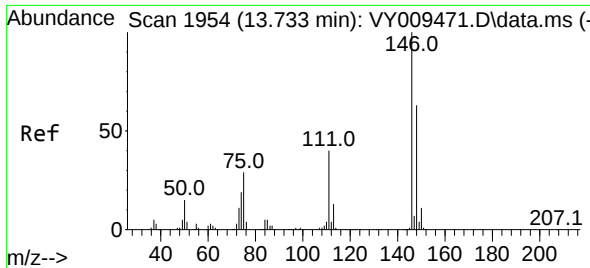
Tgt Ion: 117 Resp: 25840

Ion Ratio Lower Upper

117 100

201 75.1 43.0 128.8

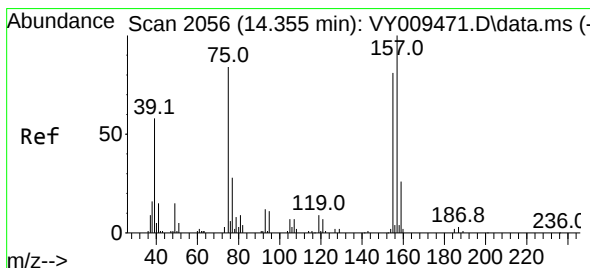
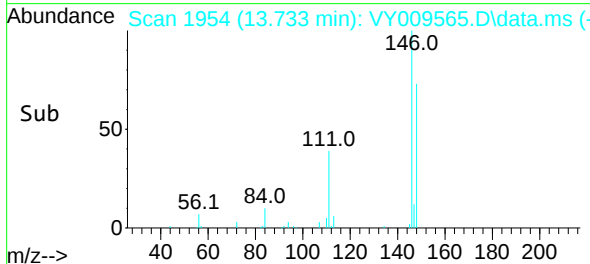
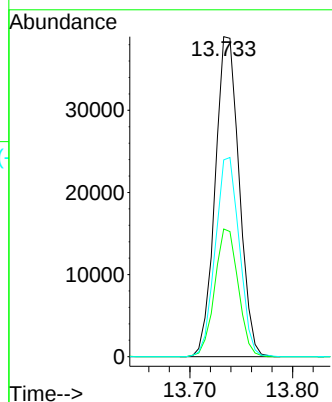
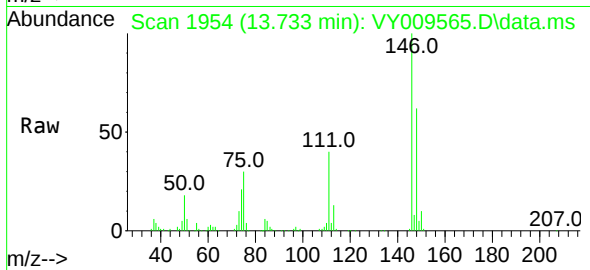




#91
1,2-Dichlorobenzene
Concen: 18.449 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

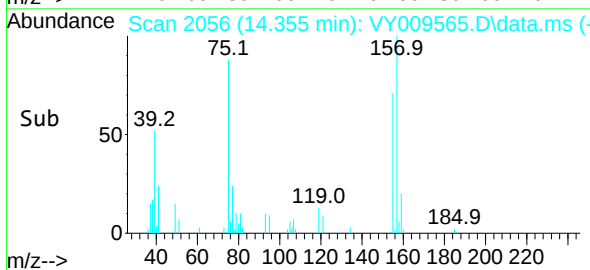
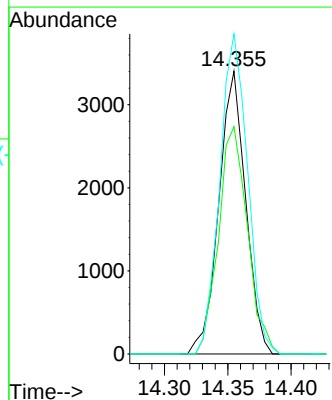
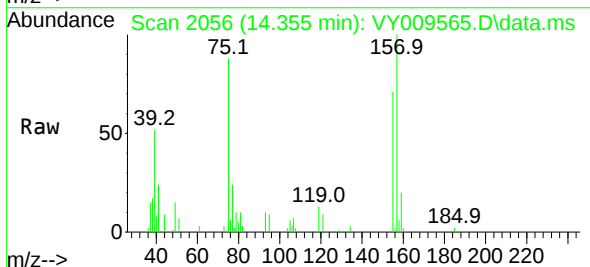
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBS01

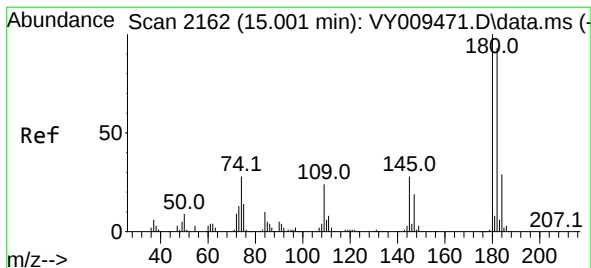
Tgt Ion:146 Resp: 63166
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 62.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.365 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009565.D
Acq: 14 Jul 2022 15:43

Tgt Ion: 75 Resp: 5012
Ion Ratio Lower Upper
75 100
155 86.6 38.0 113.9
157 117.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.236 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

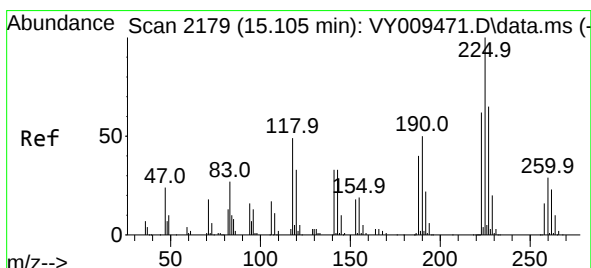
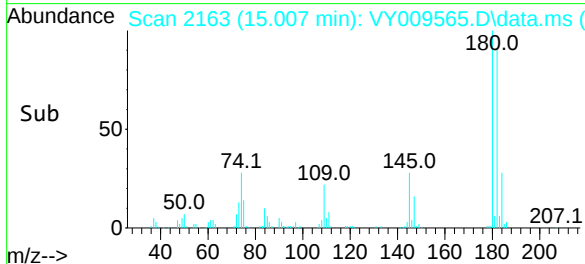
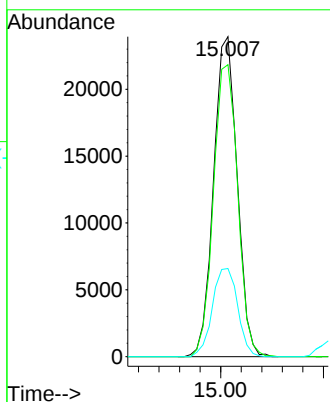
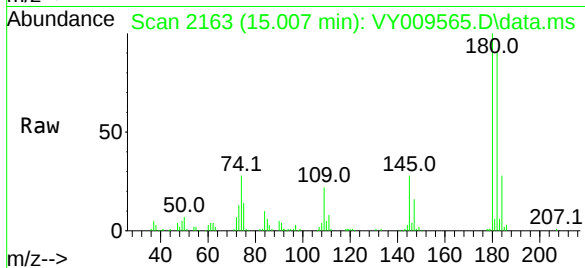
Tgt Ion:180 Resp: 38082

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.756 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

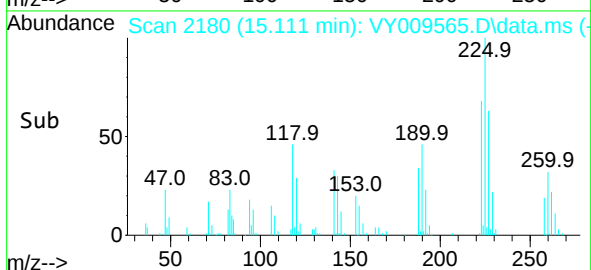
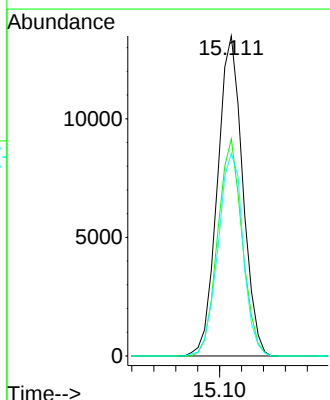
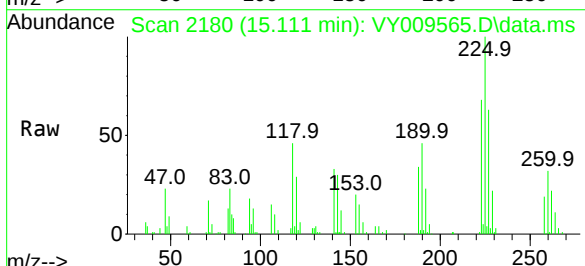
Tgt Ion:225 Resp: 21533

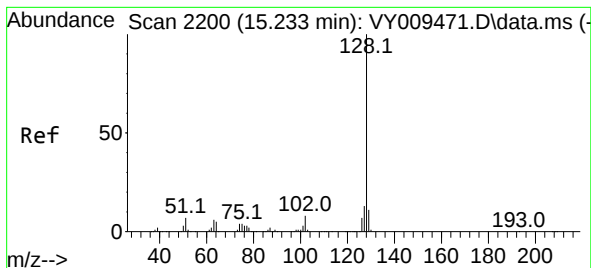
Ion Ratio Lower Upper

225 100

223 65.6 30.8 92.3

227 63.0 31.6 94.7





#95

Naphthalene

Concen: 17.516 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009565.D

Acq: 14 Jul 2022 15:43

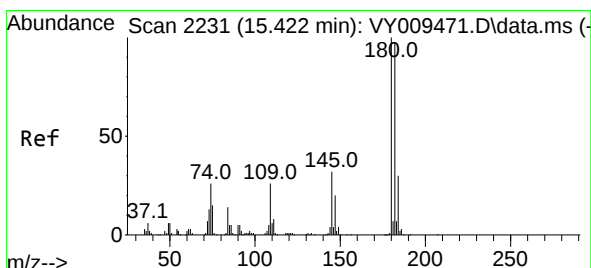
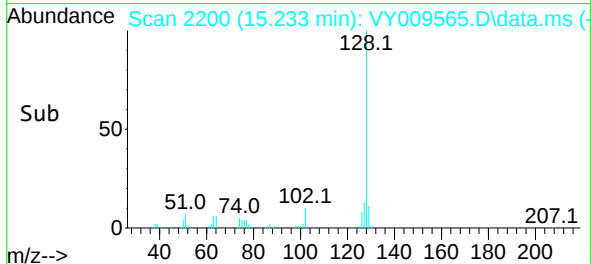
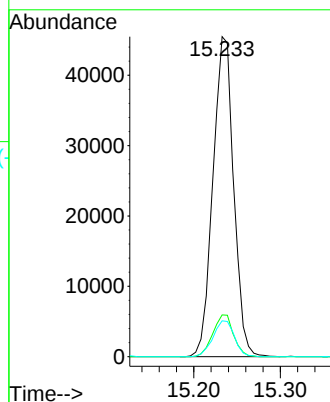
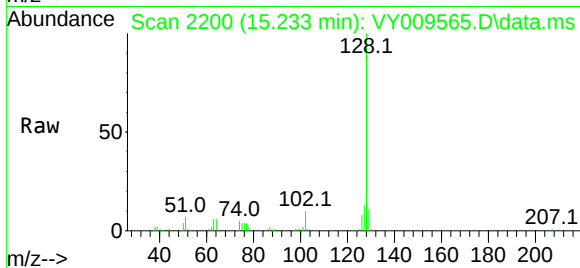
Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBS01

Tgt Ion:128	Resp:	75626
Ion Ratio	Lower	Upper
128	100	
127	13.0	11.0 16.4
129	11.6	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.370 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009565.D

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Tgt Ion:180	Resp:	33225
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.3 141.9
145	31.5	15.3 45.9

