

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006988.D
 Acq On : 07 Dec 2021 03:12
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 3.93g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	179736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	151911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	70251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	51580	22.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
7) Chloroethane-d5	2.772	69	40144	22.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
11) 1,1-Dichloroethene-d2	3.857	63	83935	17.441	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.760%
21) 2-Butanone-d5	6.881	46	34613	38.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.420%
24) Chloroform-d	7.478	84	97865	21.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	8.143	65	56997	21.199	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	8.112	84	178773	22.154	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	9.124	67	60771	23.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.880%
41) Toluene-d8	10.179	98	169798	22.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	10.435	79	29120	23.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.000%
47) 2-Hexanone-d5	10.788	63	28208	48.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	47771	22.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.480%
66) 1,2-Dichlorobenzene-d4	13.721	152	45414	19.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	9449	8.327	ug/L	# 65
3) Chloromethane	2.113	50	40517	18.602	ug/L	97
5) Vinyl chloride	2.260	62	83438	26.006	ug/L	99
6) Bromomethane	2.662	94	47475	24.481	ug/L	97
8) Chloroethane	2.808	64	47966	25.196	ug/L	97
9) Trichlorofluoromethane	3.125	101	40332	17.310	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	43375	19.202	ug/L	93
12) 1,1-Dichloroethene	3.875	96	44044	18.108	ug/L	88
13) Acetone	3.942	43	27923	34.078	ug/L	97
14) Carbon disulfide	4.198	76	153403	19.132	ug/L	100
15) Methyl Acetate	4.479	43	36999	20.712	ug/L	94
16) Methylene chloride	4.716	84	59508	18.462	ug/L	89
17) trans-1,2-Dichloroethene	5.222	96	48953	18.876	ug/L	91
18) Methyl tert-butyl Ether	5.222	73	93762	20.042	ug/L	96
19) 1,1-Dichloroethane	6.021	63	101454	20.799	ug/L	98
20) cis-1,2-Dichloroethene	6.984	96	52568	18.903	ug/L	96
22) 2-Butanone	6.984	43	45070	39.320	ug/L	94
23) Bromochloromethane	7.338	128	29274	23.069	ug/L	83
25) Chloroform	7.509	83	114016	23.202	ug/L	98

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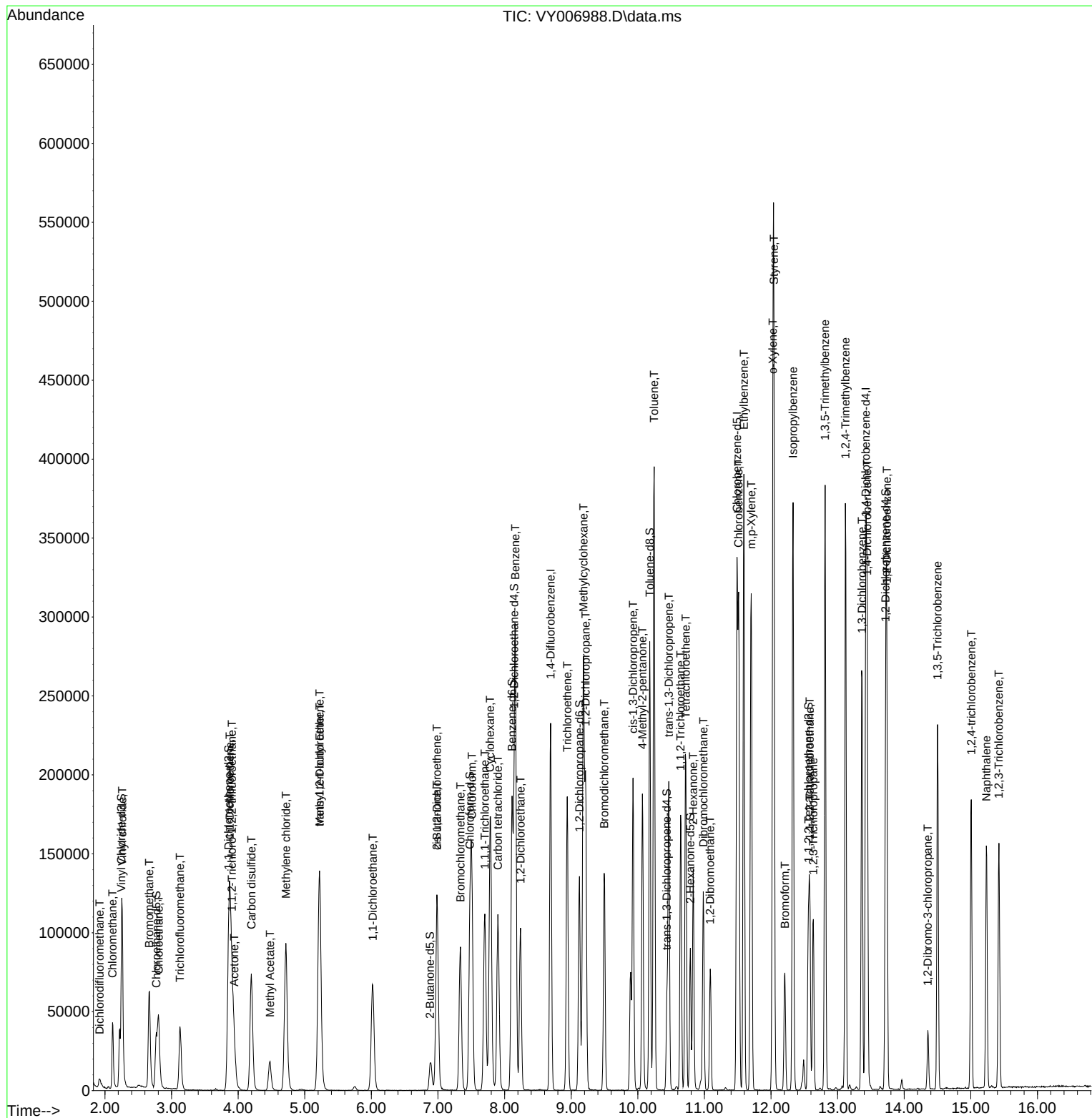
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	89577	25.155	ug/L	98
29) Cyclohexane	7.783	56	101641	24.006	ug/L	93
30) 1,1,1-Trichloroethane	7.704	97	91129	23.581	ug/L	98
31) Carbon tetrachloride	7.899	117	79767	21.633	ug/L	100
33) Benzene	8.161	78	253174	24.789	ug/L	100
34) Trichloroethene	8.941	95	59934	23.825	ug/L	92
35) Methylcyclohexane	9.185	83	99894	22.161	ug/L	93
37) 1,2-Dichloropropane	9.216	63	70095	26.774	ug/L #	97
38) Bromodichloromethane	9.496	83	84502	24.913	ug/L	96
39) cis-1,3-Dichloropropene	9.929	75	100939	24.561	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	127808	55.970	ug/L	98
42) Toluene	10.246	91	272723	25.030	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	95899	24.970	ug/L	96
45) 1,1,2-Trichloroethane	10.642	97	49823	25.830	ug/L	96
46) Tetrachloroethene	10.721	164	43984	20.869	ug/L	95
48) 2-Hexanone	10.831	43	89397	59.324	ug/L	98
49) Dibromochloromethane	10.984	129	57990	24.703	ug/L	99
50) 1,2-Dibromoethane	11.087	107	48082	26.339	ug/L	98
51) Chlorobenzene	11.514	112	137461	20.685	ug/L	93
52) Ethylbenzene	11.593	91	251047	21.435	ug/L	96
53) m,p-Xylene	11.703	106	92462	20.870	ug/L	100
54) o-Xylene	12.026	106	86972	20.868	ug/L	98
55) Styrene	12.044	104	160079	21.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	56171	24.135	ug/L	99
59) Bromoform	12.209	173	30830	21.519	ug/L	99
60) Isopropylbenzene	12.331	105	223928	21.783	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	41877	24.524	ug/L	96
62) 1,3,5-Trimethylbenzene	12.812	105	185237	21.915	ug/L	98
63) 1,2,4-Trimethylbenzene	13.117	105	185471	22.433	ug/L	98
64) 1,3-Dichlorobenzene	13.367	146	98797	21.354	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	100199	21.253	ug/L	96
67) 1,2-Dichlorobenzene	13.739	146	89732	21.659	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.355	75	8535	23.213	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.501	180	63051	20.025	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	51037	20.097	ug/L	99
71) Naphthalene	15.233	128	115747	22.746	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	45176	21.053	ug/L	99

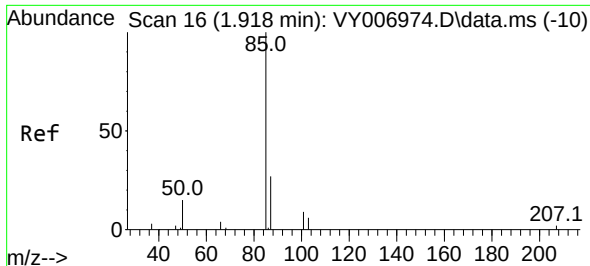
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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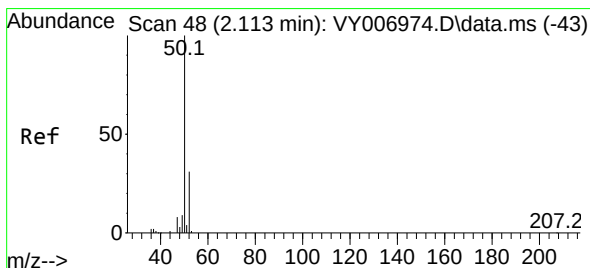
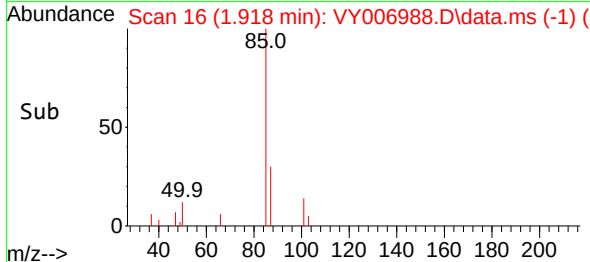
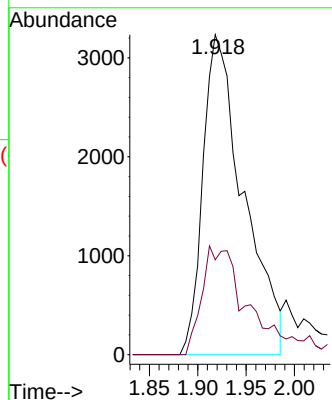
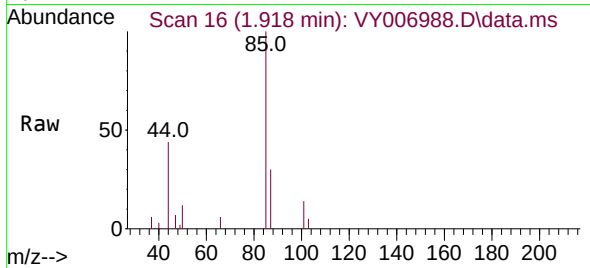




#2
 Dichlorodifluoromethane
 Concen: 8.327 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VY006988.D
 Acq: 07 Dec 2021 03:12

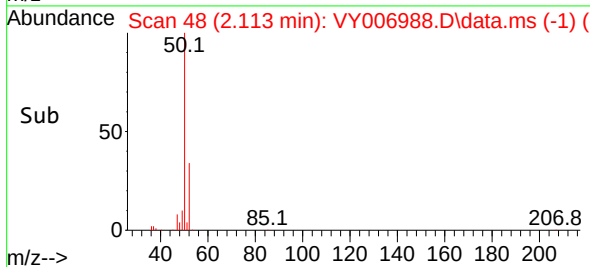
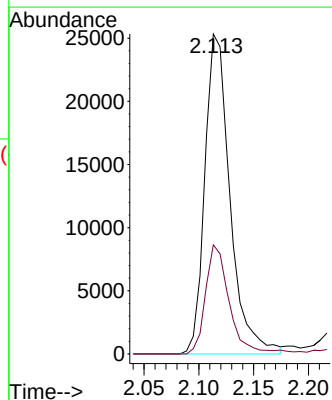
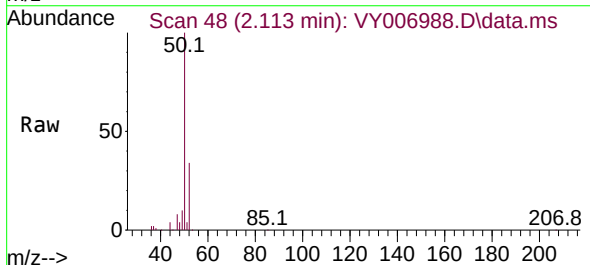
Instrument :
 MSVOA_Y
 ClientSampleId :

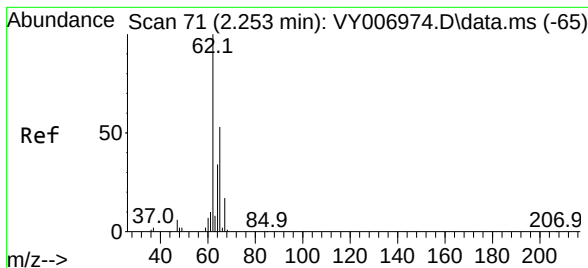
Tgt Ion: 85 Resp: 9449
 Ion Ratio Lower Upper
 85 100
 87 12.9 26.3 39.5#



#3
 Chloromethane
 Concen: 18.602 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VY006988.D
 Acq: 07 Dec 2021 03:12

Tgt Ion: 50 Resp: 40517
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.7 42.1





#5

Vinyl chloride

Concen: 26.006 ug/L

RT: 2.260 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

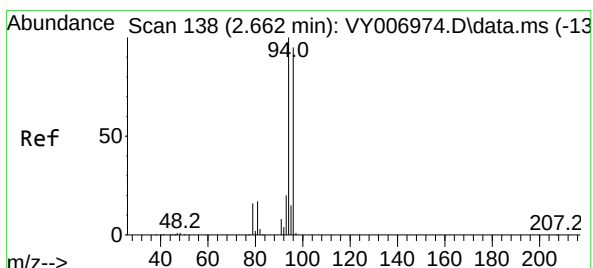
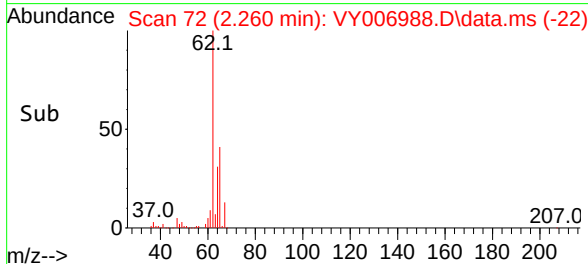
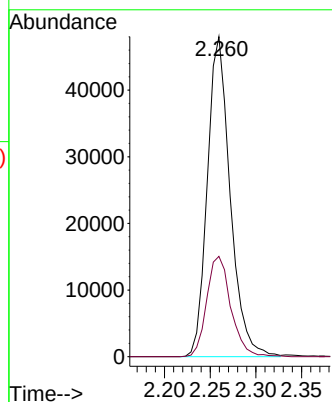
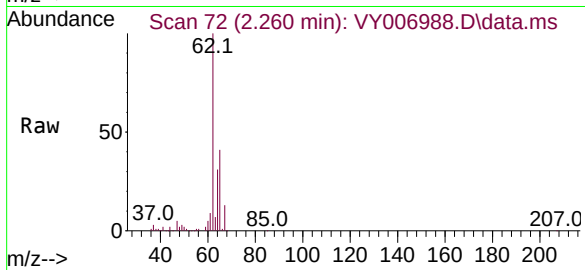
ClientSampleId :

Tgt Ion: 62 Resp: 83438

Ion Ratio Lower Upper

62 100

64 31.4 22.4 41.6



#6

Bromomethane

Concen: 24.481 ug/L

RT: 2.662 min Scan# 138

Delta R.T. -0.000 min

Lab File: VY006988.D

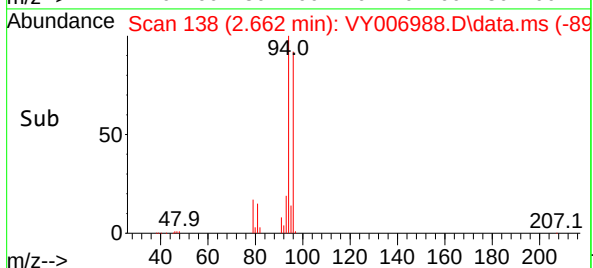
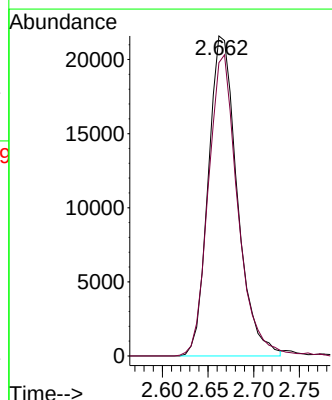
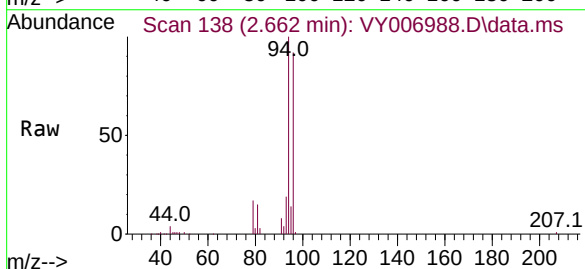
Acq: 07 Dec 2021 03:12

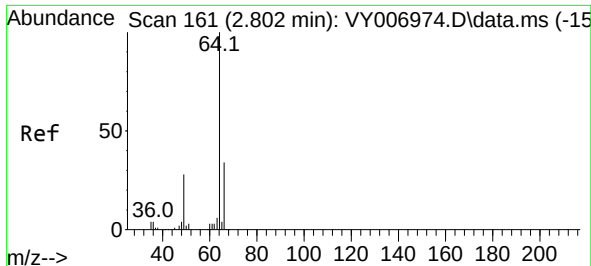
Tgt Ion: 94 Resp: 47475

Ion Ratio Lower Upper

94 100

96 91.6 66.5 123.5

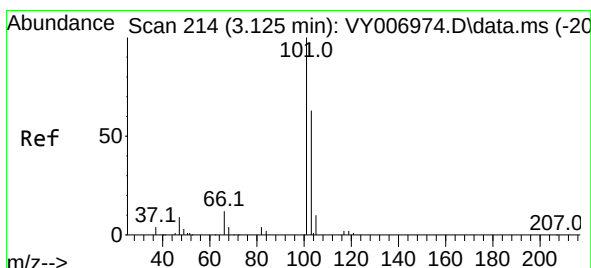
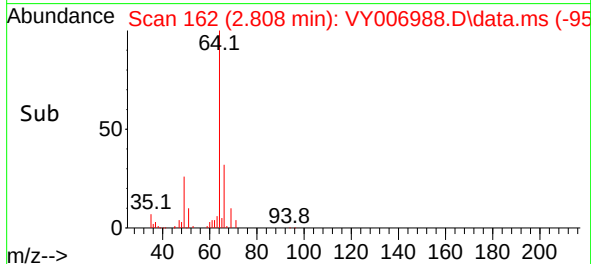
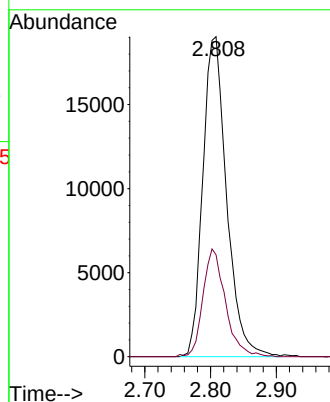
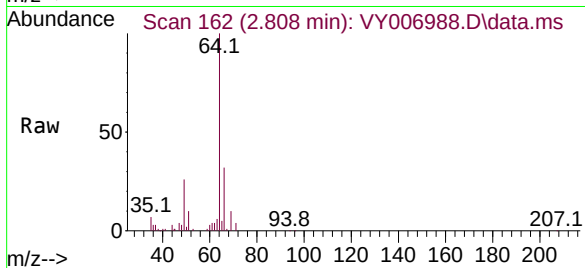




#8
Chloroethane
Concen: 25.196 ug/L
RT: 2.808 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

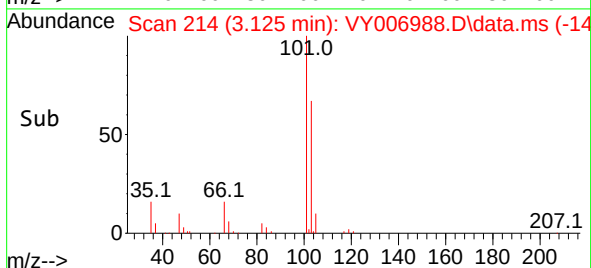
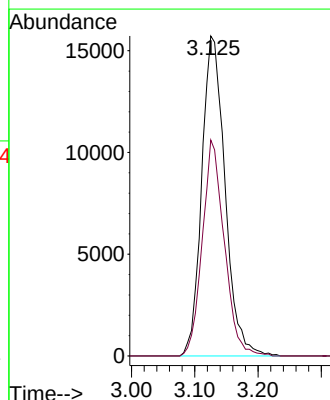
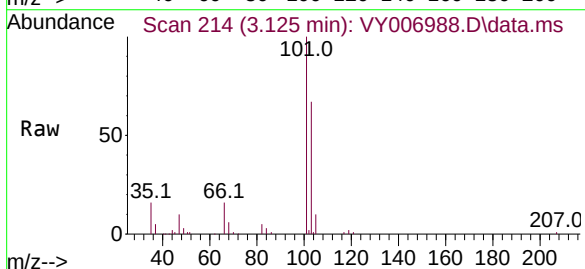
Instrument :
MSVOA_Y
ClientSampleId :

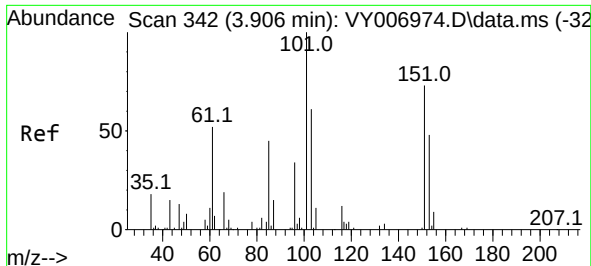
Tgt Ion: 64 Resp: 47966
Ion Ratio Lower Upper
64 100
66 31.9 21.1 39.3



#9
Trichlorofluoromethane
Concen: 17.310 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion:101 Resp: 40332
Ion Ratio Lower Upper
101 100
103 63.7 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 19.202 ug/L

RT: 3.906 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

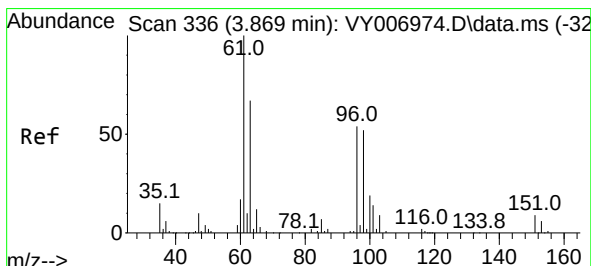
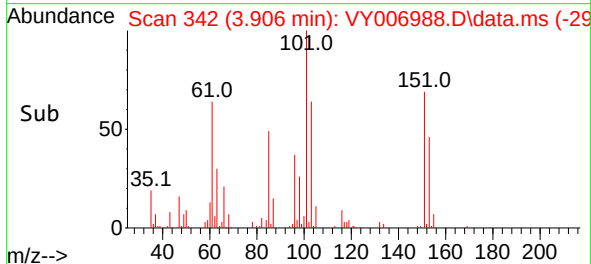
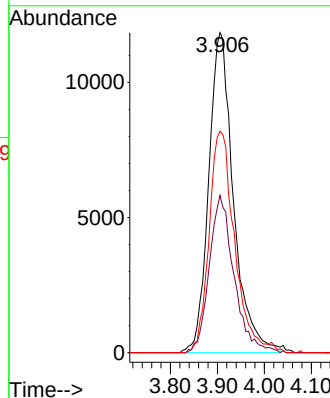
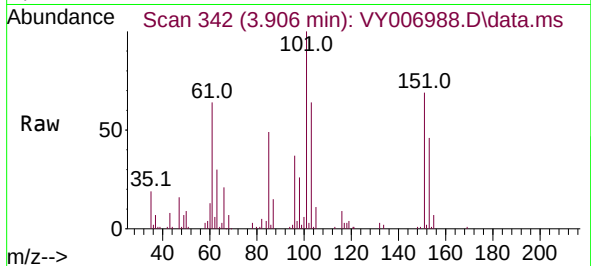
Tgt Ion:101 Resp: 43375

Ion Ratio Lower Upper

101 100

85 48.3 38.2 57.2

151 70.7 64.2 96.4



#12

1,1-Dichloroethene

Concen: 18.108 ug/L

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

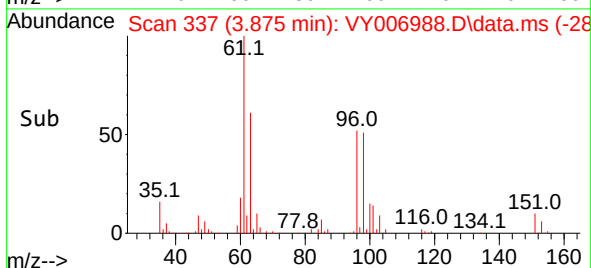
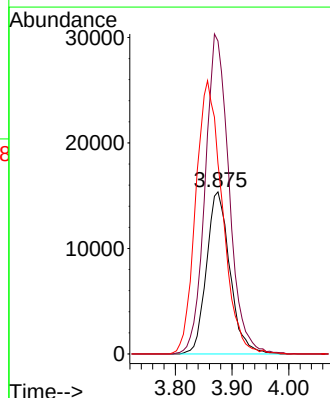
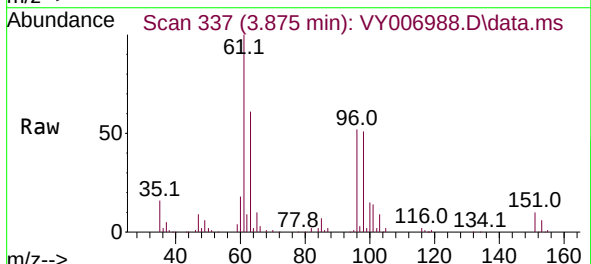
Tgt Ion: 96 Resp: 44044

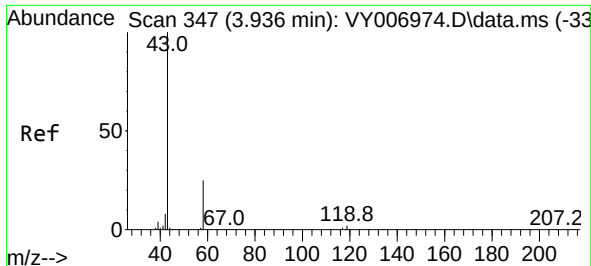
Ion Ratio Lower Upper

96 100

61 193.1 123.3 229.1

63 117.7 91.2 169.4

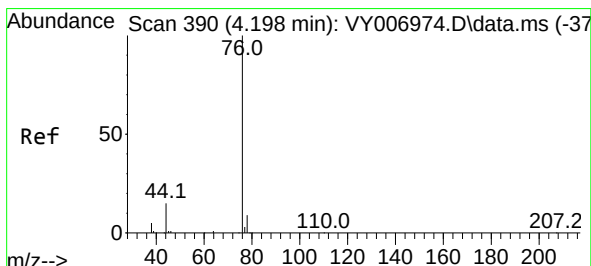
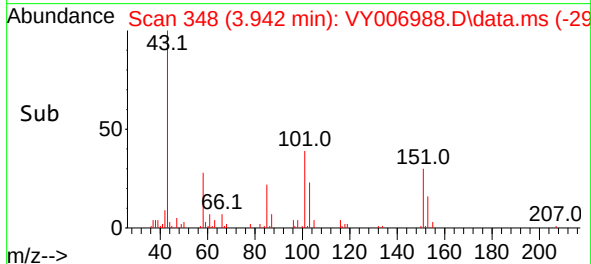
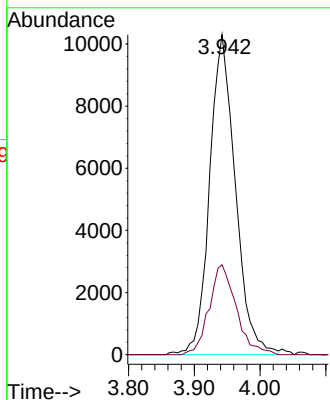
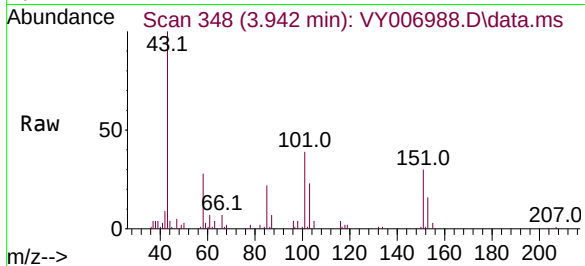




#13
Acetone
Concen: 34.078 ug/L
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

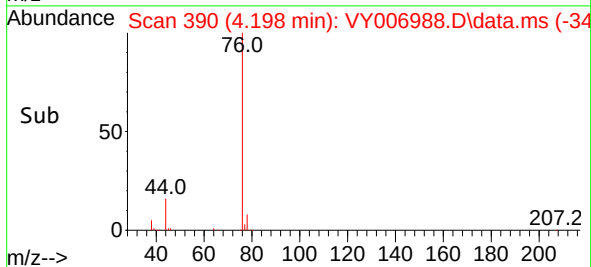
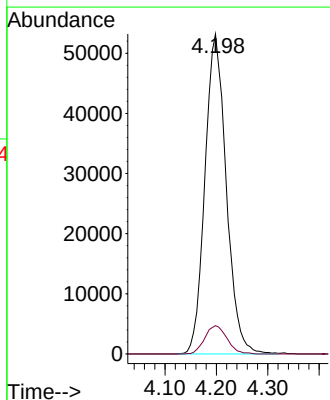
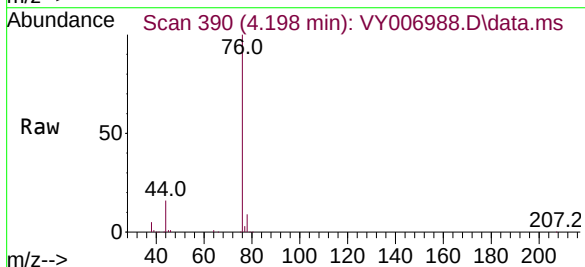
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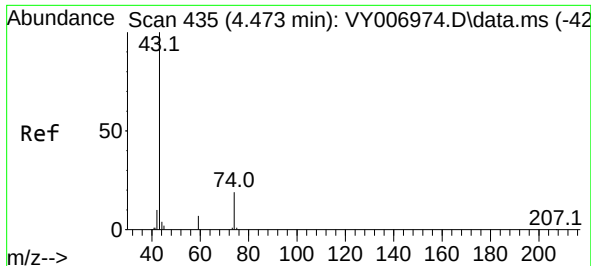
Tgt Ion: 43 Resp: 27923
Ion Ratio Lower Upper
43 100
58 28.8 0.0 60.8



#14
Carbon disulfide
Concen: 19.132 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 153403
Ion Ratio Lower Upper
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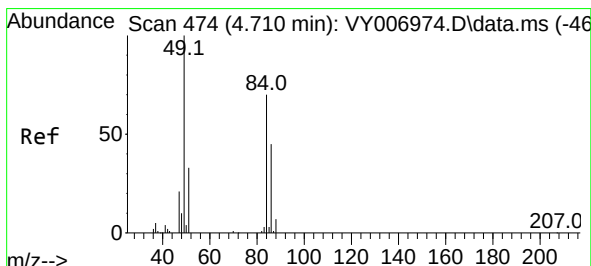
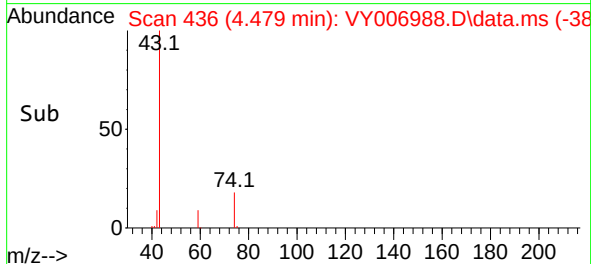
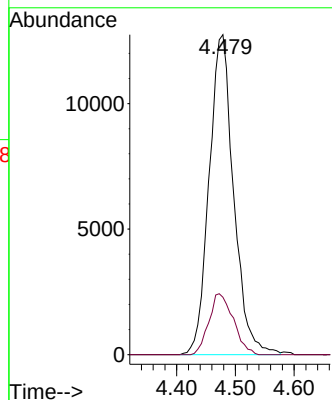
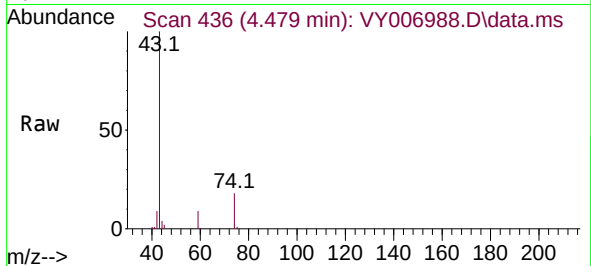




#15
Methyl Acetate
Concen: 20.712 ug/L
RT: 4.479 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

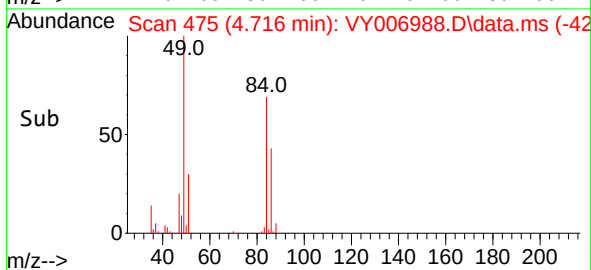
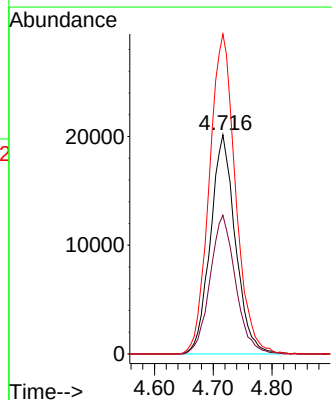
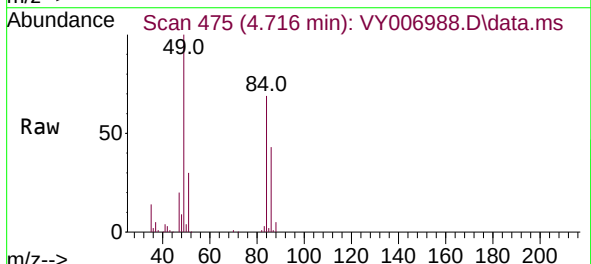
Instrument :
MSVOA_Y
ClientSampleId :

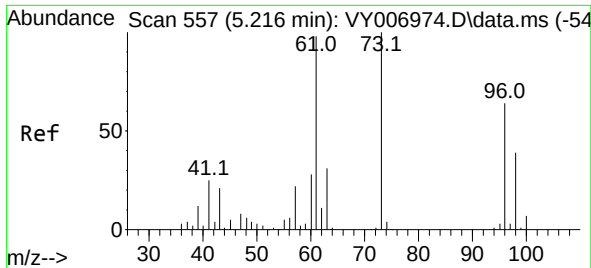
Tgt Ion: 43 Resp: 36999
Ion Ratio Lower Upper
43 100
74 19.0 17.4 26.2



#16
Methylene chloride
Concen: 18.462 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion: 84 Resp: 59508
Ion Ratio Lower Upper
84 100
86 63.2 43.4 80.6
49 145.9 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 18.876 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

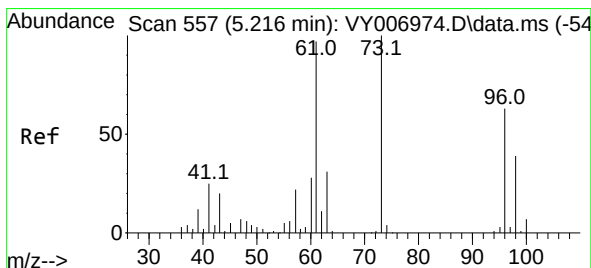
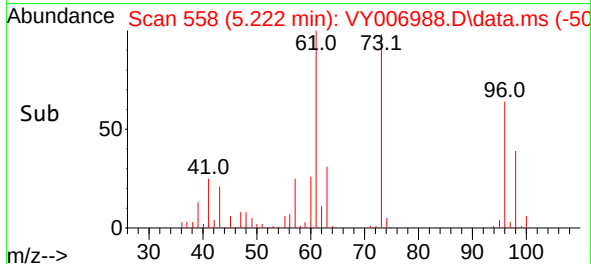
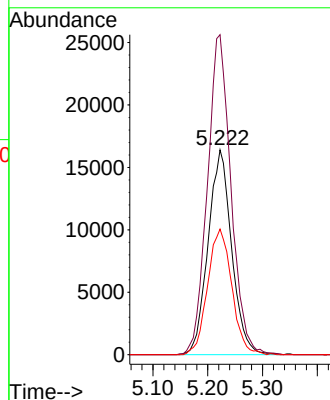
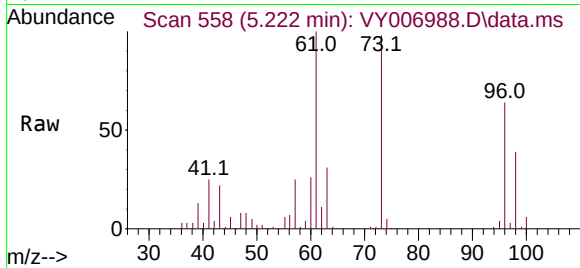
Tgt Ion: 96 Resp: 48953

Ion Ratio Lower Upper

96 100

61 156.3 98.5 182.9

98 61.3 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 20.042 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

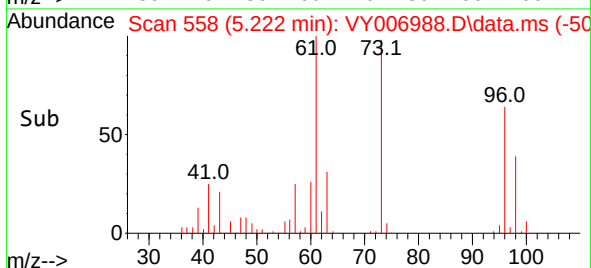
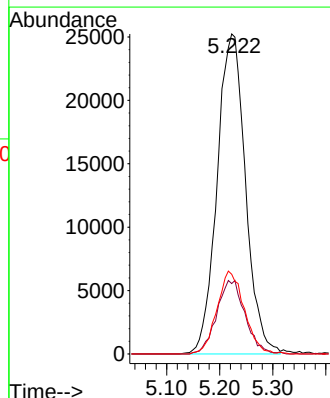
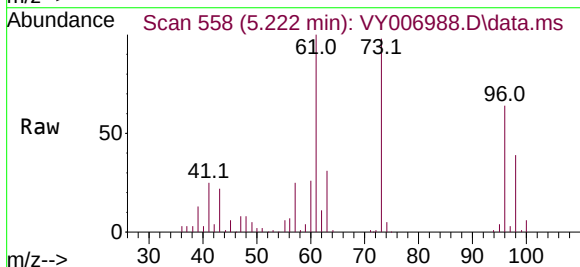
Tgt Ion: 73 Resp: 93762

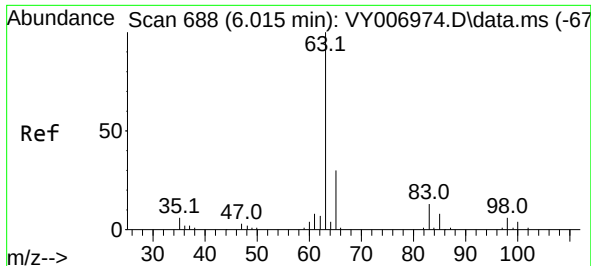
Ion Ratio Lower Upper

73 100

43 22.9 16.9 25.3

57 24.7 18.1 27.1





#19

1,1-Dichloroethane

Concen: 20.799 ug/L

RT: 6.021 min Scan# 61

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

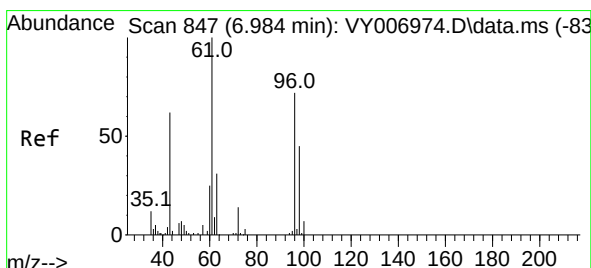
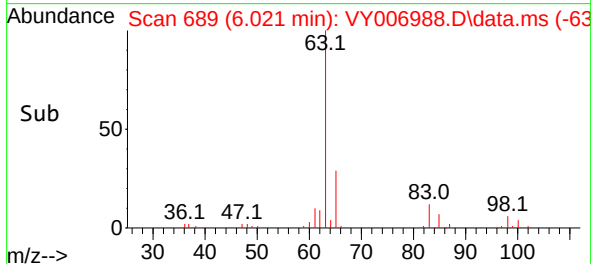
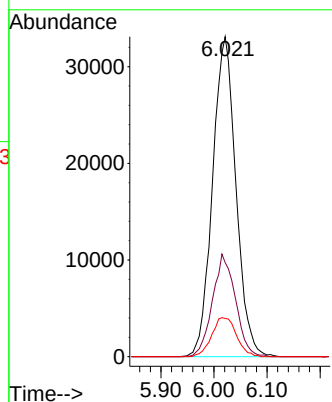
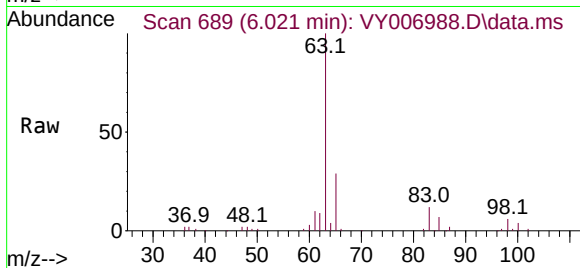
Tgt Ion: 63 Resp: 101454

Ion Ratio Lower Upper

63 100

65 29.4 21.0 39.0

83 11.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 18.903 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

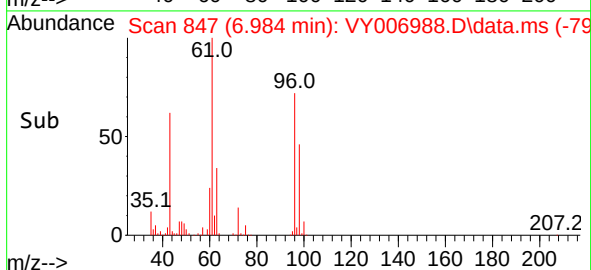
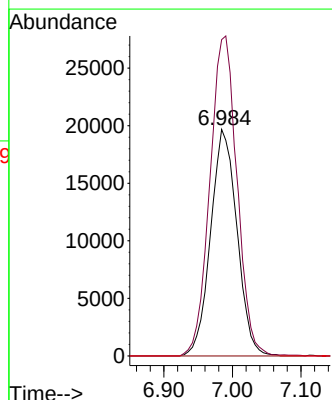
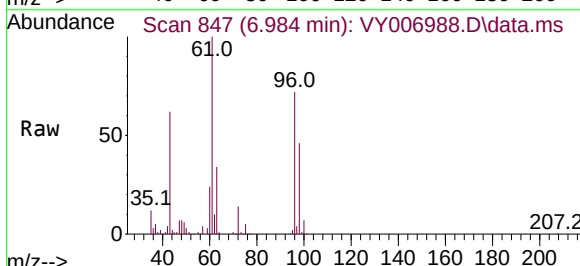
Tgt Ion: 96 Resp: 52568

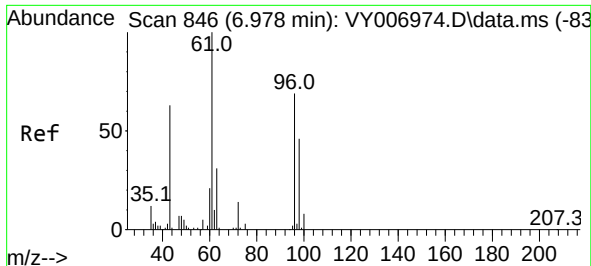
Ion Ratio Lower Upper

96 100

61 139.7 94.2 175.0

68 0.0 0.0 0.0

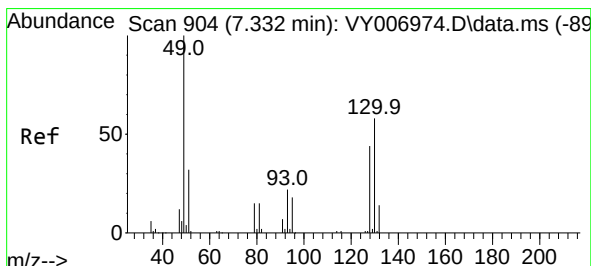
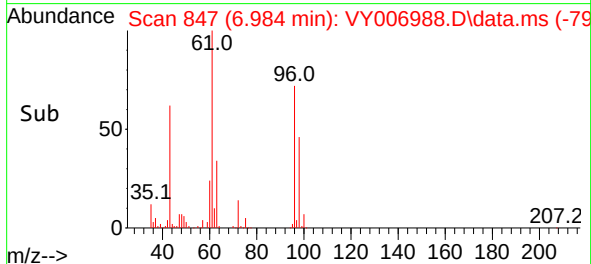
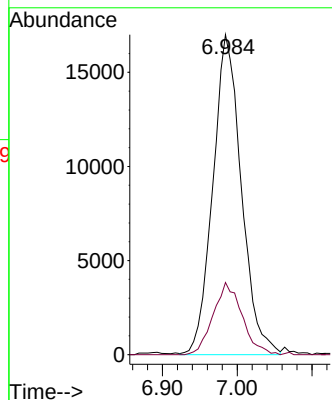
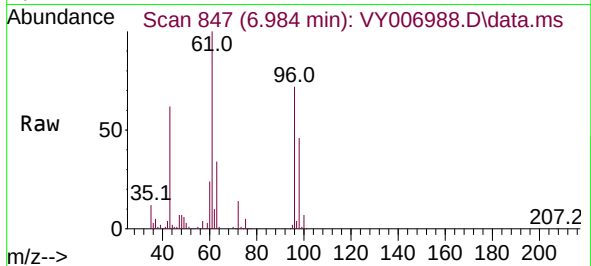




#22
2-Butanone
Concen: 39.320 ug/L
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

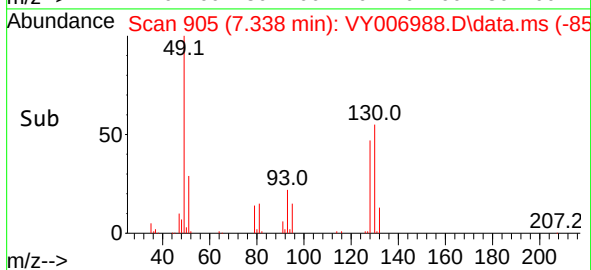
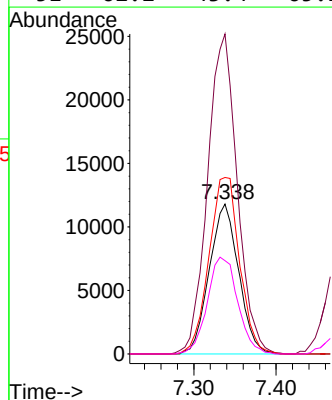
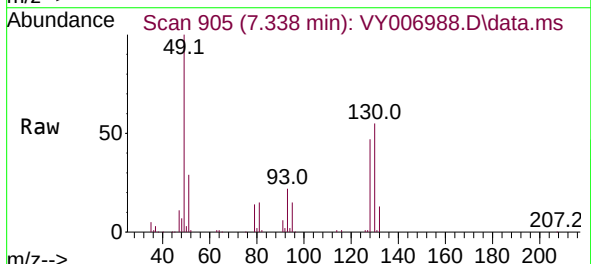
Instrument :
MSVOA_Y
ClientSampleId :

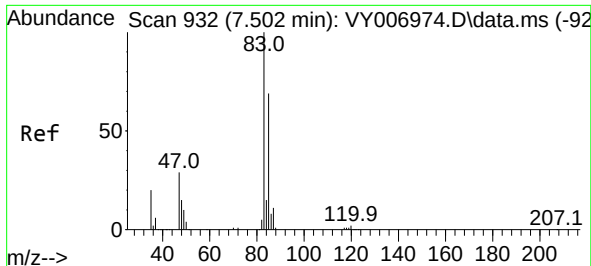
Tgt Ion: 43 Resp: 45070
Ion Ratio Lower Upper
43 100
72 22.8 12.9 38.6



#23
Bromochloromethane
Concen: 23.069 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion:128 Resp: 29274
Ion Ratio Lower Upper
128 100
49 213.5 123.5 229.3
130 117.7 88.5 164.4
51 62.2 43.4 65.2

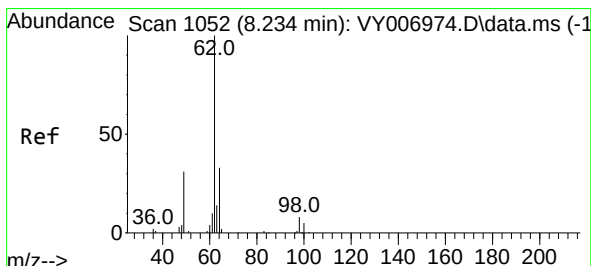
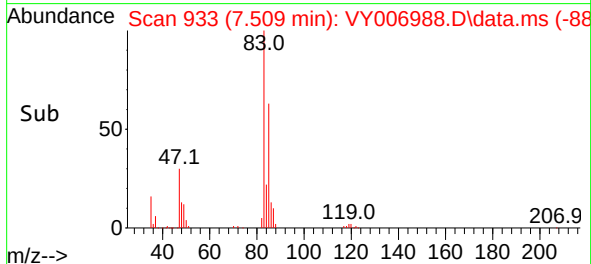
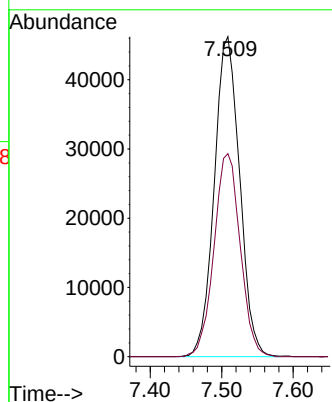
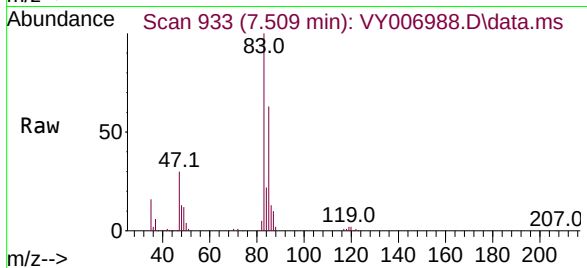




#25
Chloroform
Concen: 23.202 ug/L
RT: 7.509 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

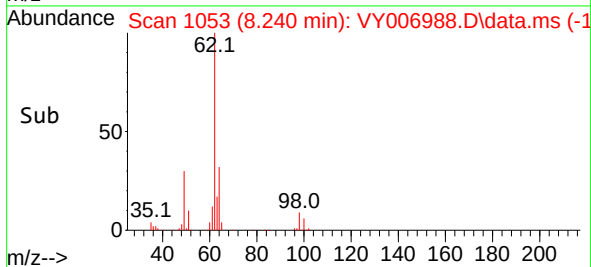
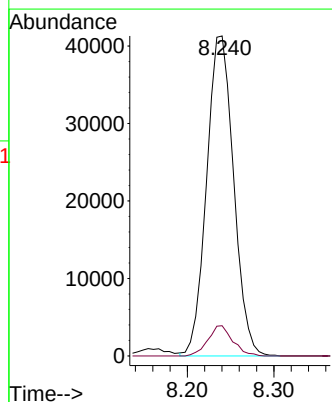
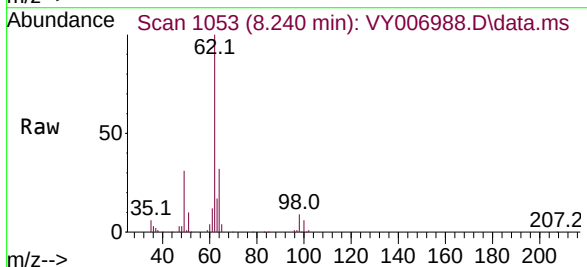
Instrument :
MSVOA_Y
ClientSampleId :

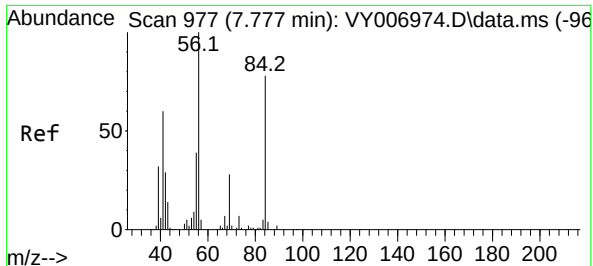
Tgt Ion: 83 Resp: 114016
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.155 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion: 62 Resp: 89577
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3





#29

Cyclohexane

Concen: 24.006 ug/L

RT: 7.783 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

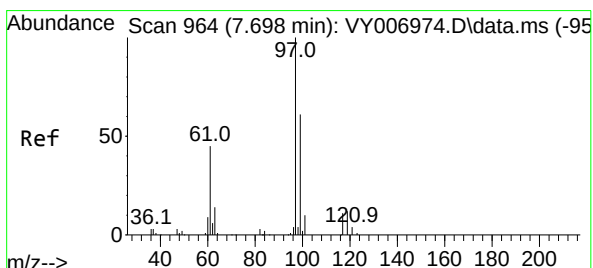
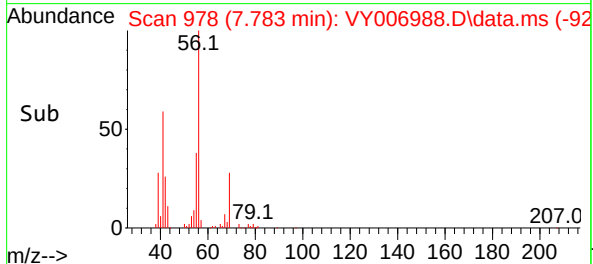
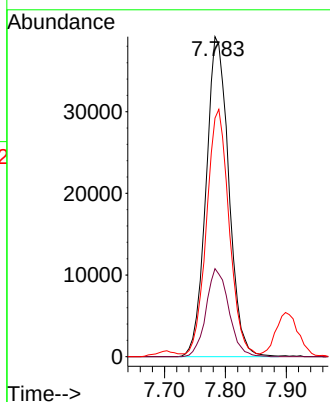
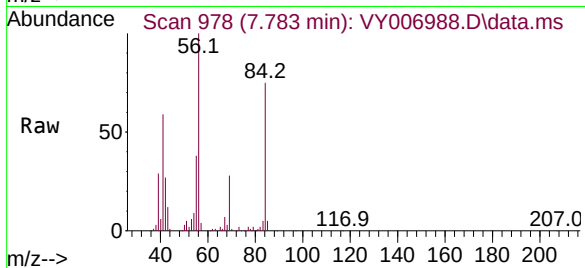
Tgt Ion: 56 Resp: 101641

Ion Ratio Lower Upper

56 100

69 27.5 24.1 36.1

84 77.6 67.8 101.6



#30

1,1,1-Trichloroethane

Concen: 23.581 ug/L

RT: 7.704 min Scan# 965

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

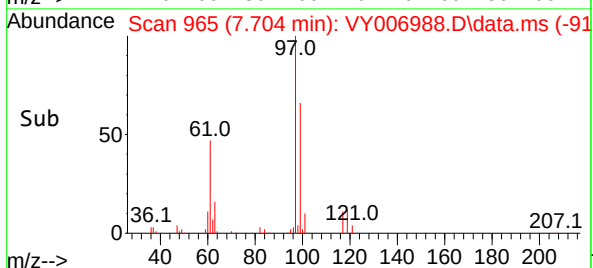
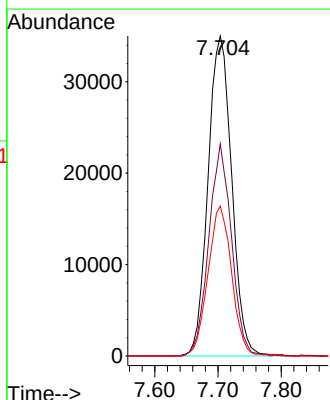
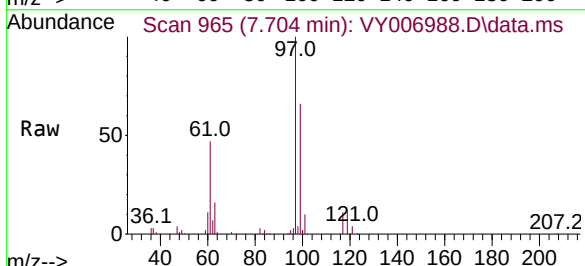
Tgt Ion: 97 Resp: 91129

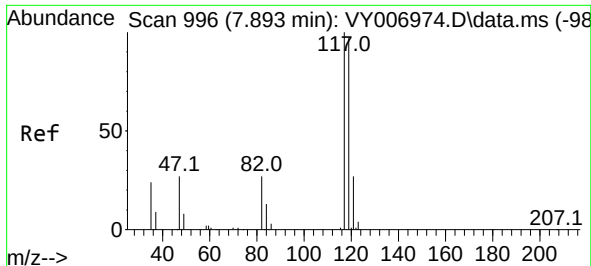
Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

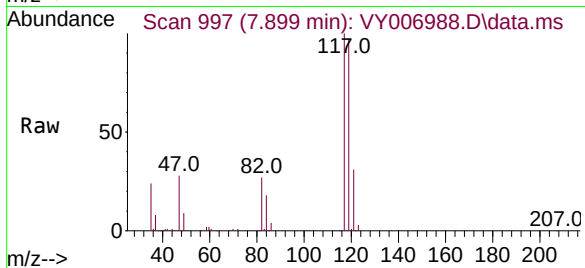
61 46.6 35.7 53.5



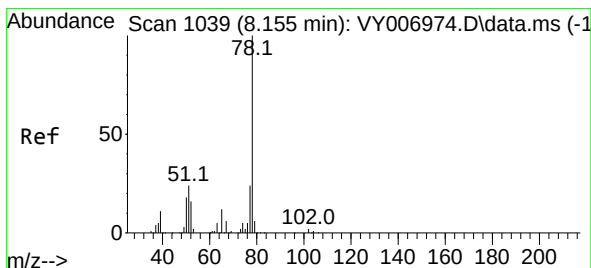
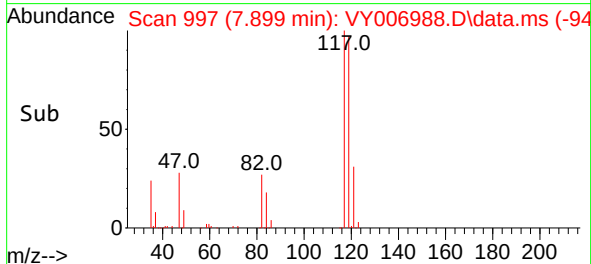
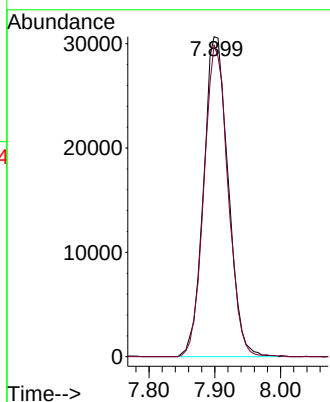


#31
Carbon tetrachloride
Concen: 21.633 ug/L
RT: 7.899 min Scan# 996
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Instrument :
MSVOA_Y
ClientSampleId :

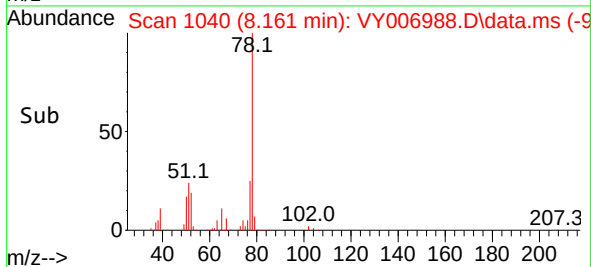
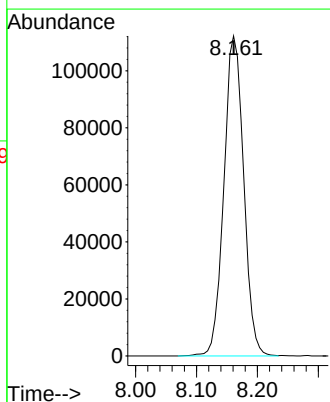
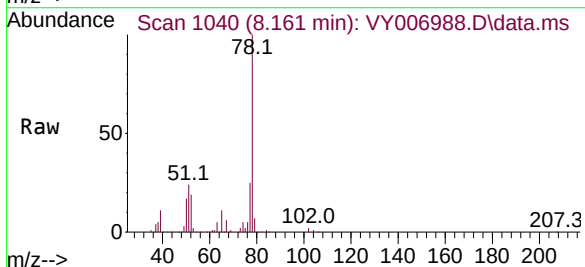


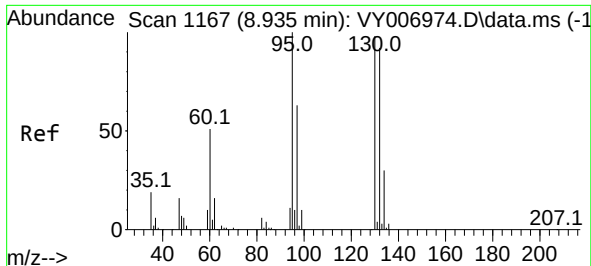
Tgt Ion:117 Resp: 79767
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6



#33
Benzene
Concen: 24.789 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

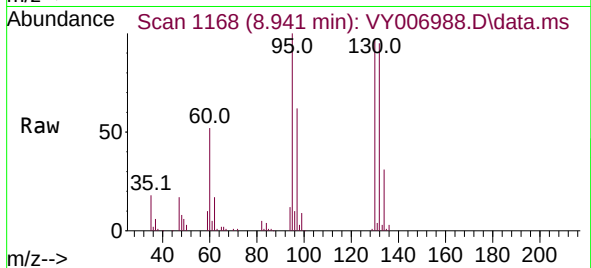
Tgt Ion: 78 Resp: 253174



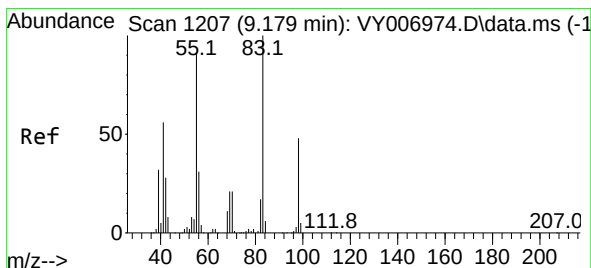
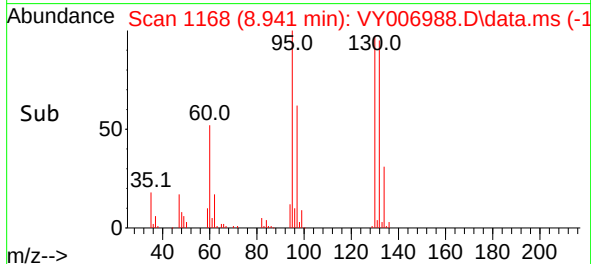
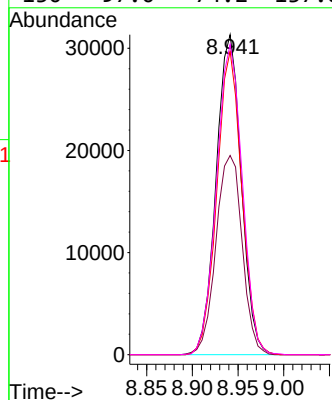


#34
Trichloroethene
Concen: 23.825 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Instrument :
MSVOA_Y
ClientSampleId :

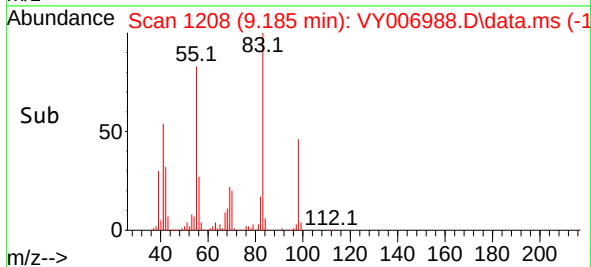
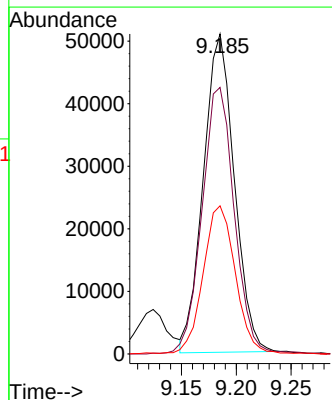
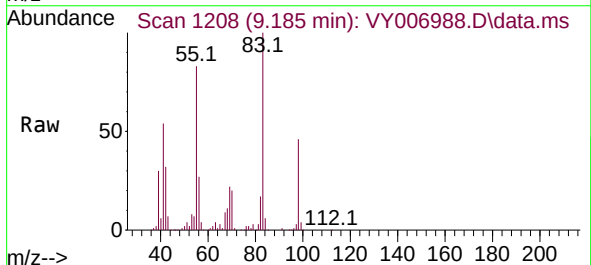


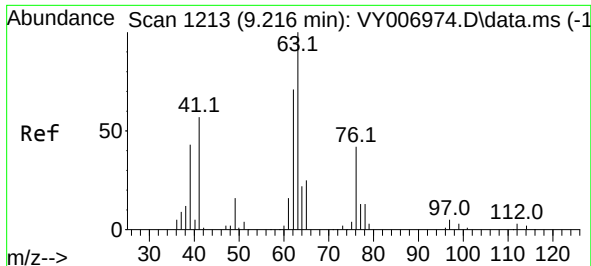
Tgt Ion:	95	Resp:	59934
Ion	Ratio	Lower	Upper
95	100		
97	62.3	47.3	87.8
132	94.8	71.3	132.5
130	97.0	74.2	137.8



#35
Methylcyclohexane
Concen: 22.161 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion:	83	Resp:	99894
Ion	Ratio	Lower	Upper
83	100		
55	87.6	62.6	94.0
98	48.5	39.1	58.7





#37

1,2-Dichloropropane

Concen: 26.774 ug/L

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

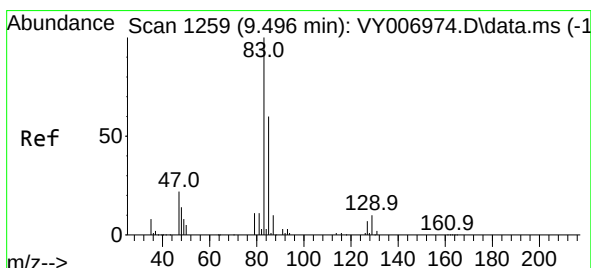
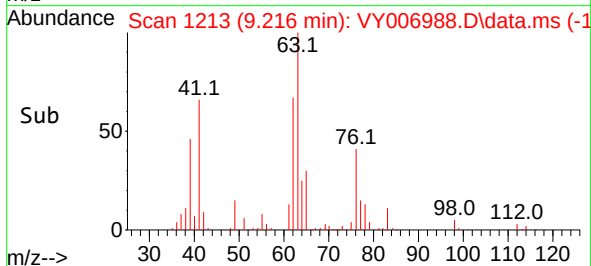
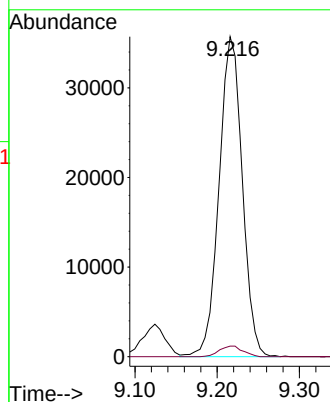
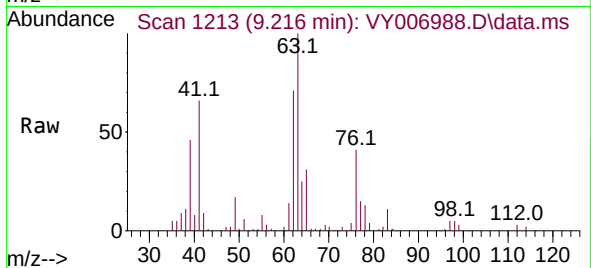
ClientSampleId :

Tgt Ion: 63 Resp: 70095

Ion Ratio Lower Upper

63 100

112 3.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 24.913 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

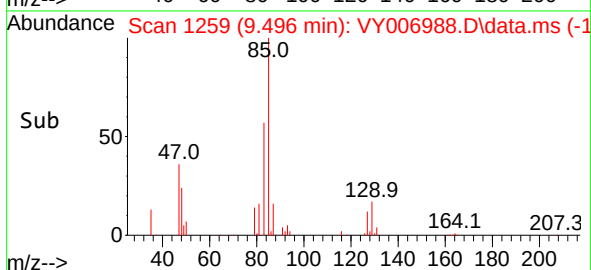
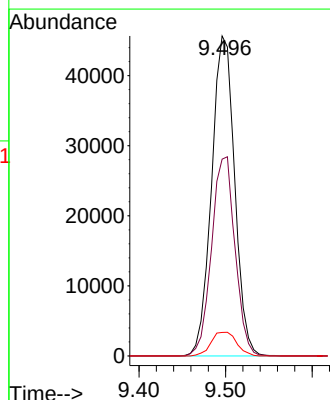
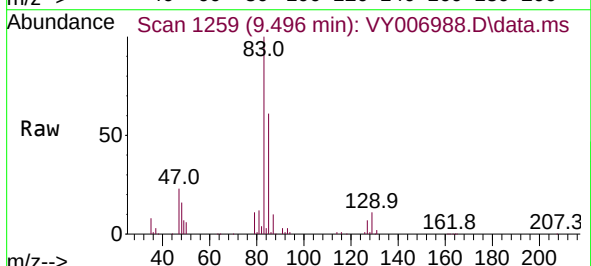
Tgt Ion: 83 Resp: 84502

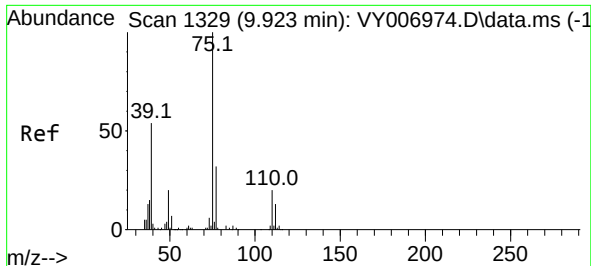
Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.2

127 7.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.561 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

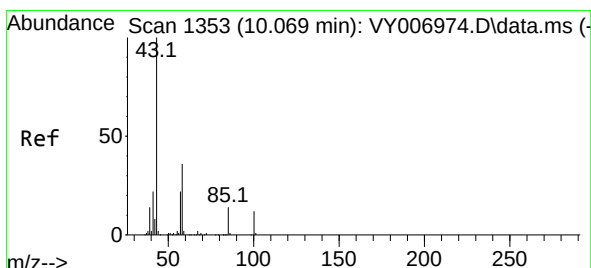
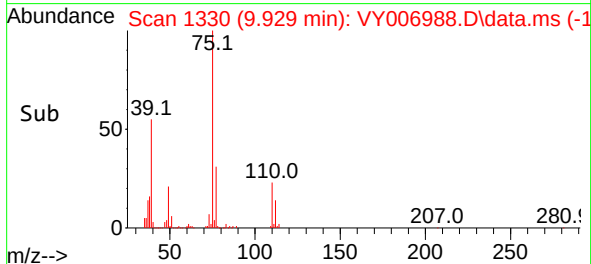
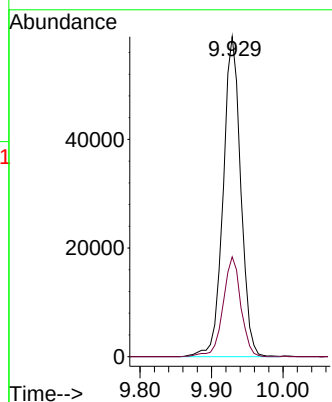
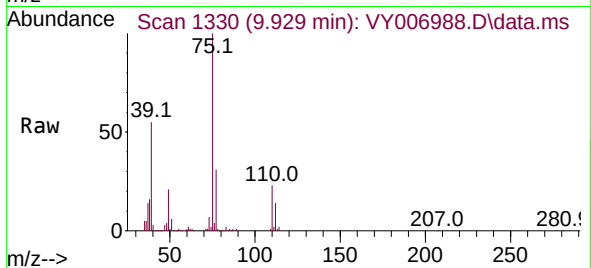
ClientSampleId :

Tgt Ion: 75 Resp: 100939

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.970 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

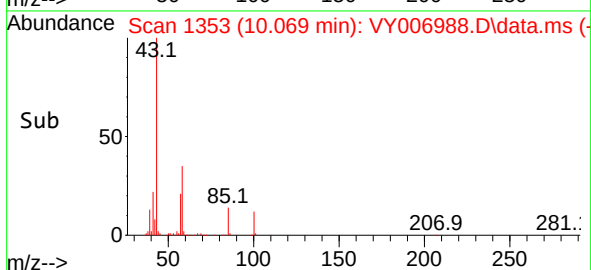
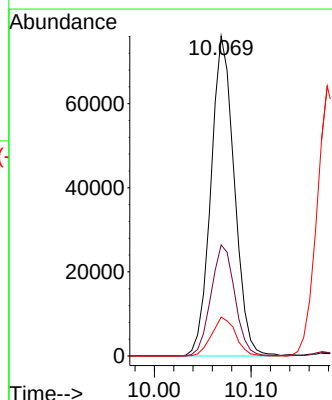
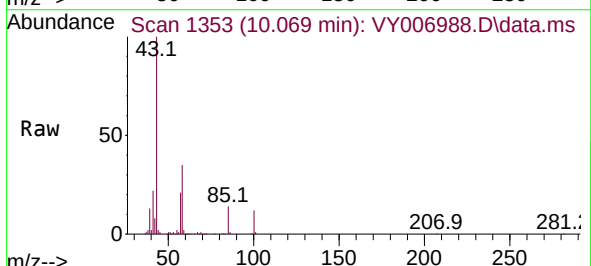
Tgt Ion: 43 Resp: 127808

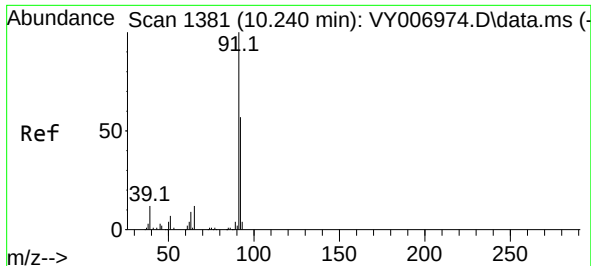
Ion Ratio Lower Upper

43 100

58 35.4 28.6 43.0

100 12.4 11.1 16.7





#42

Toluene

Concen: 25.030 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

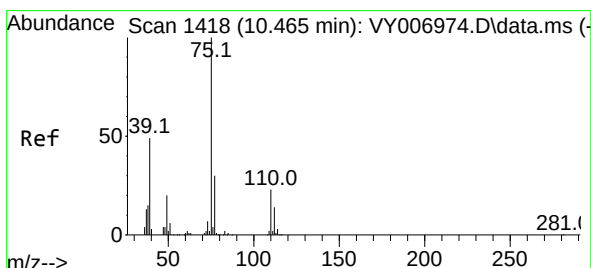
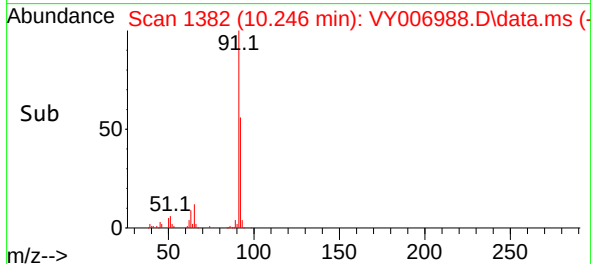
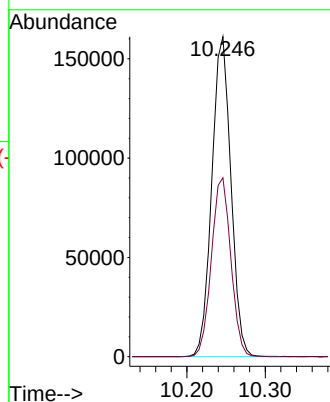
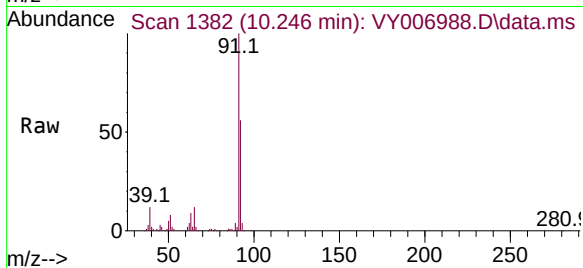
ClientSampleId :

Tgt Ion: 91 Resp: 272723

Ion Ratio Lower Upper

91 100

92 55.9 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 24.970 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY006988.D

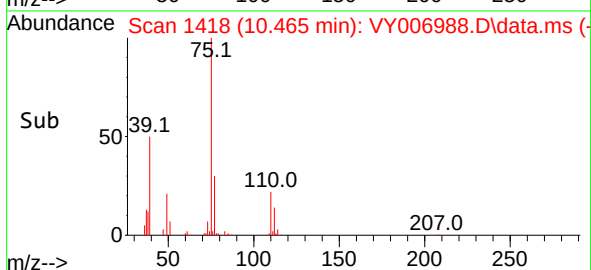
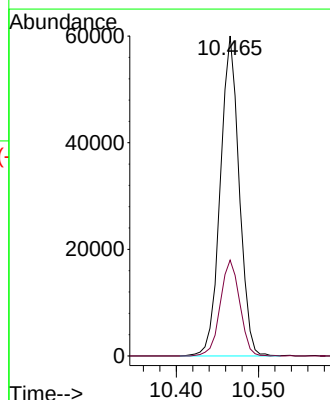
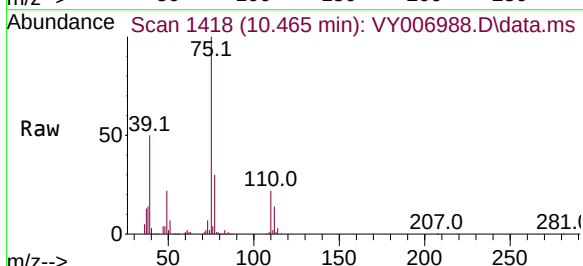
Acq: 07 Dec 2021 03:12

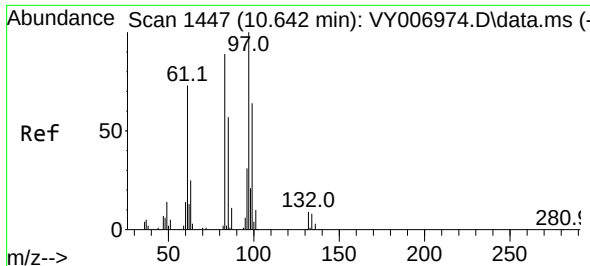
Tgt Ion: 75 Resp: 95899

Ion Ratio Lower Upper

75 100

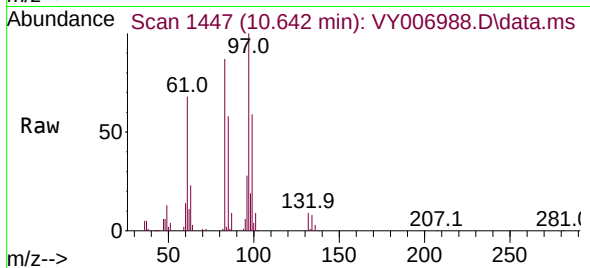
77 29.9 22.6 42.0



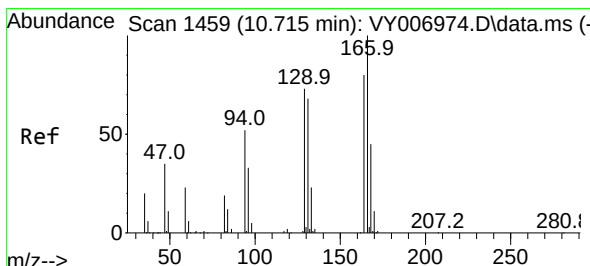
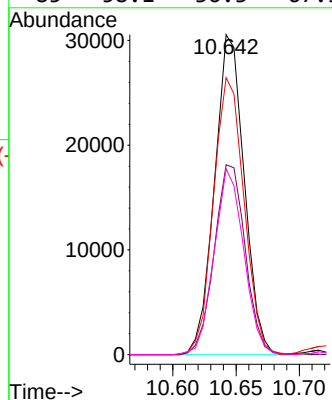
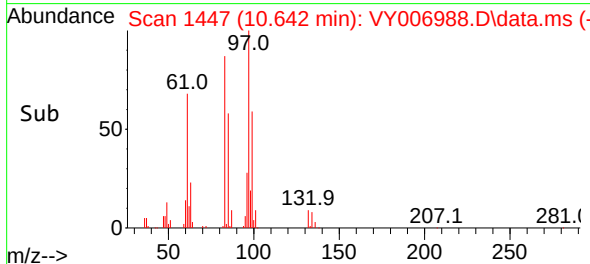


#45
1,1,2-Trichloroethane
Concen: 25.830 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

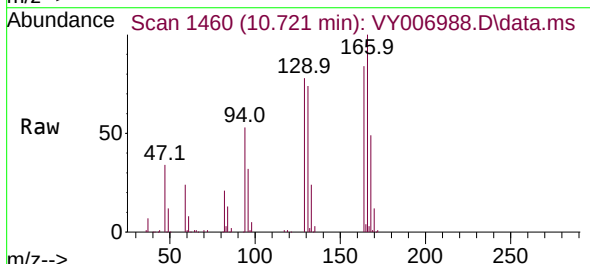
Instrument :
MSVOA_Y
ClientSampleId :



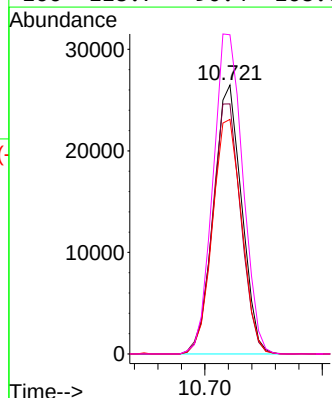
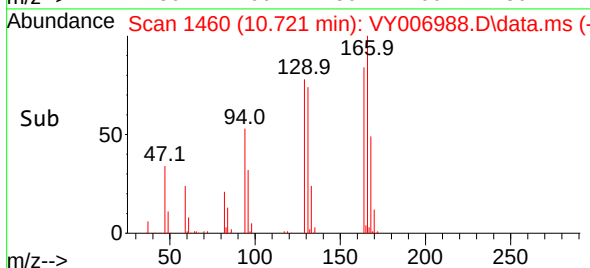
Tgt Ion: 97	Resp: 49823
Ion Ratio	Lower Upper
97 100	
99 59.3	43.0 79.8
83 86.5	58.9 109.3
85 58.1	36.3 67.3

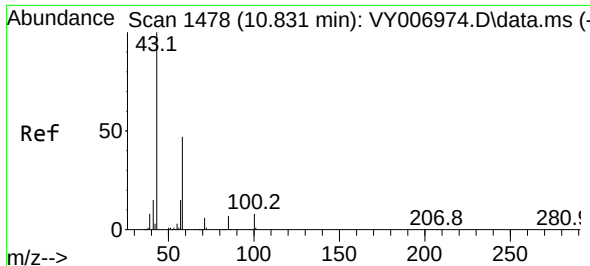


#46
Tetrachloroethene
Concen: 20.869 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12



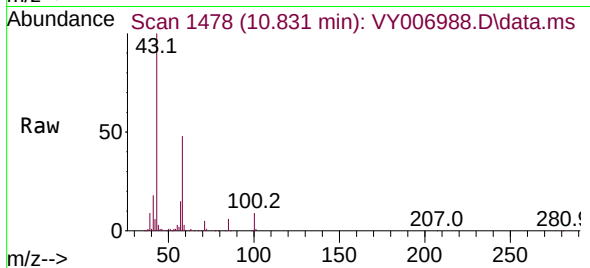
Tgt	Ion:164	Resp:	43984
Ion	Ratio	Lower	Upper
164	100		
129	93.0	62.1	115.3
131	87.2	61.0	113.2
166	118.7	90.4	168.0



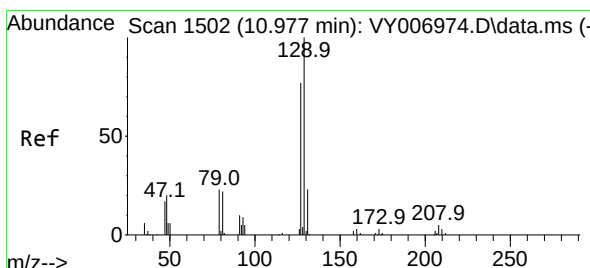
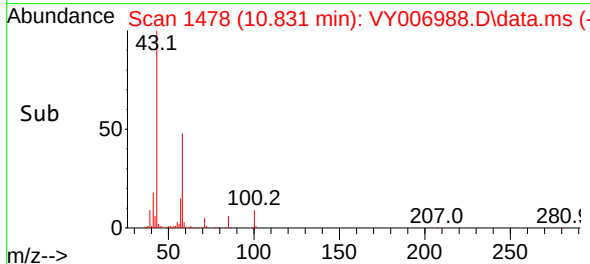
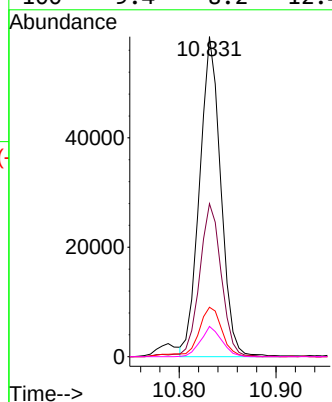


#48
2-Hexanone
Concen: 59.324 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Instrument :
MSVOA_Y
ClientSampleId :

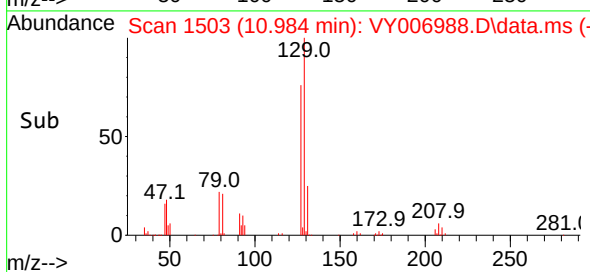
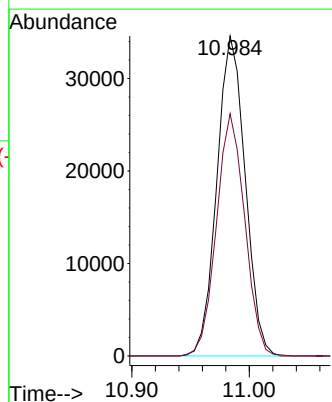
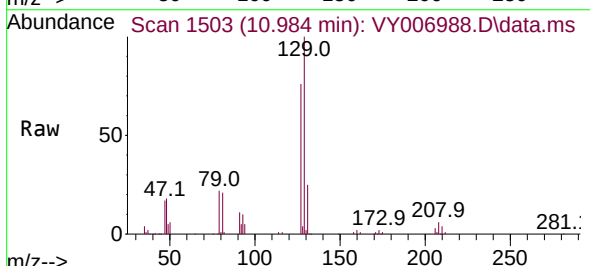


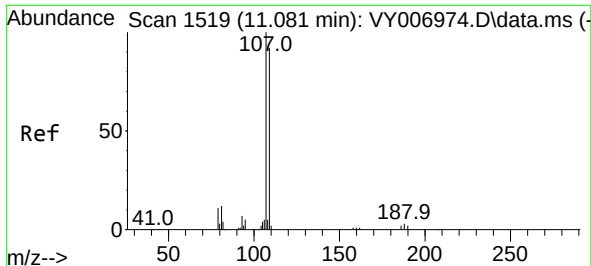
Tgt Ion: 43 Resp: 89397
Ion Ratio Lower Upper
43 100
58 48.5 39.9 59.9
57 16.3 14.2 21.4
100 9.4 8.2 12.4



#49
Dibromochloromethane
Concen: 24.703 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion: 129 Resp: 57990
Ion Ratio Lower Upper
129 100
127 75.7 52.1 96.9





#50

1,2-Dibromoethane

Concen: 26.339 ug/L

RT: 11.087 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VY006988.D

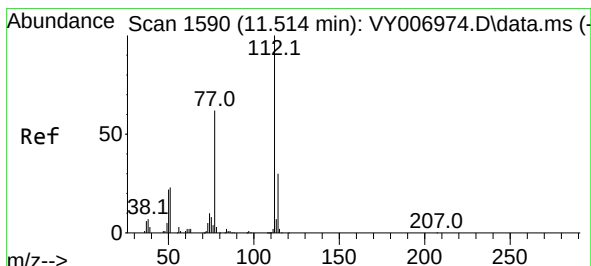
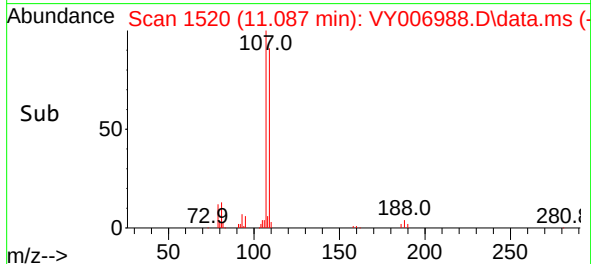
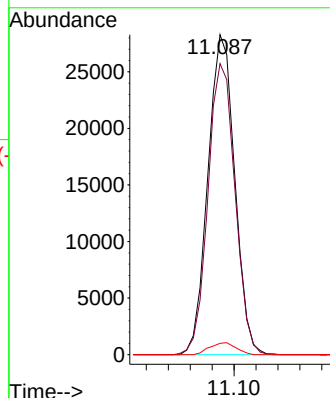
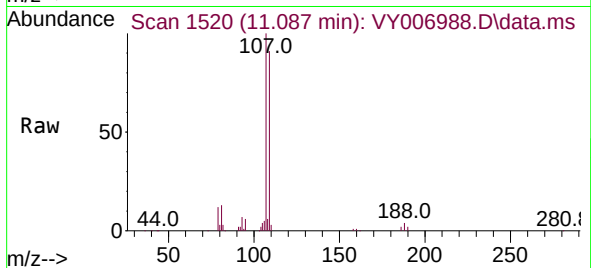
Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:107	Resp:	48082
Ion Ratio	Lower	Upper
107	100	
109	90.9	65.2 121.0
188	3.6	3.1 4.7



#51

Chlorobenzene

Concen: 20.685 ug/L

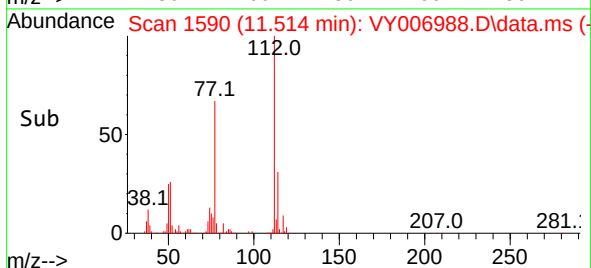
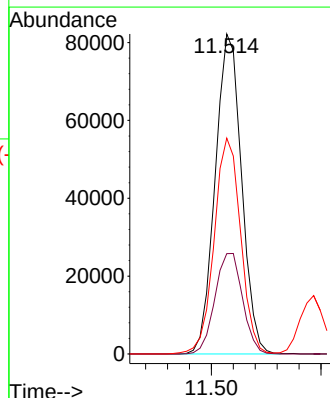
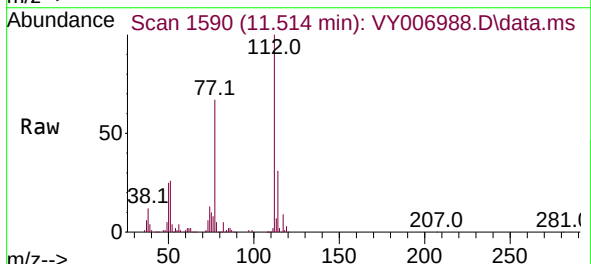
RT: 11.514 min Scan# 1590

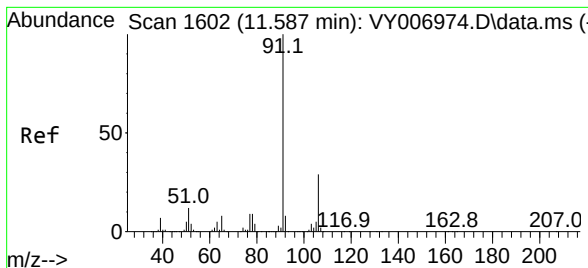
Delta R.T. 0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Tgt Ion:112	Resp:	137461
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.2 41.2
77	67.4	47.6 71.4

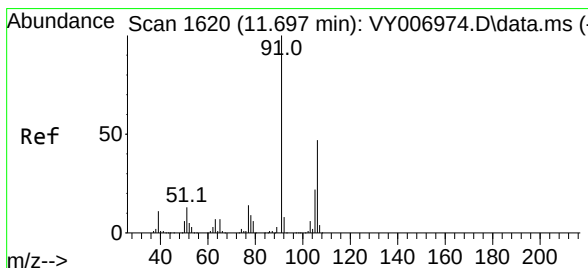
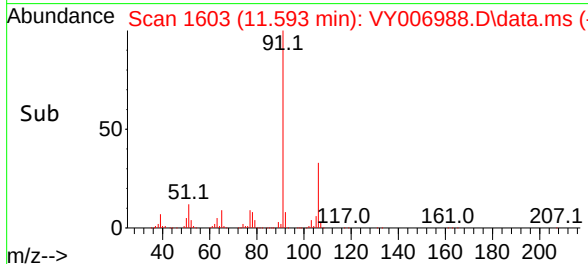
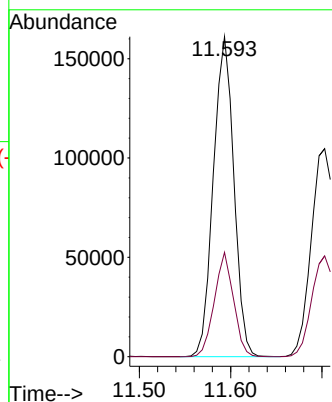
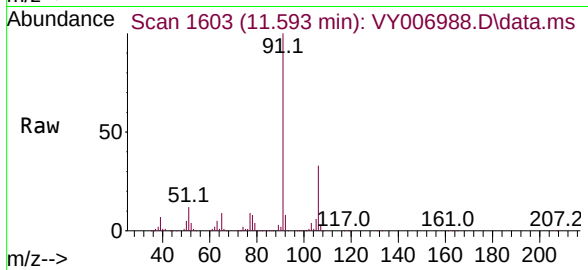




#52
Ethylbenzene
Concen: 21.435 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

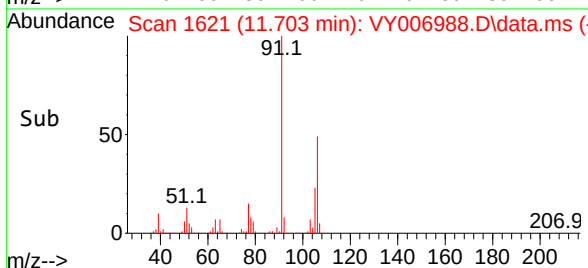
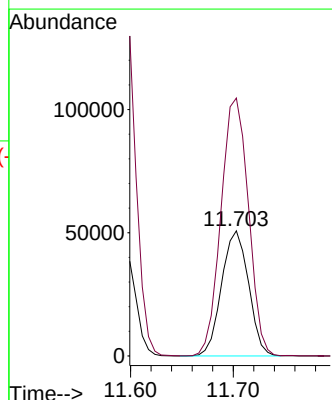
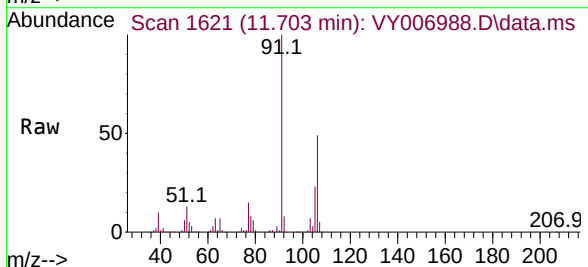
Instrument :
MSVOA_Y
ClientSampleId :

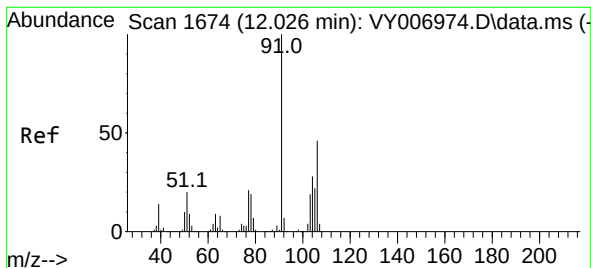
Tgt Ion: 91 Resp: 251047
Ion Ratio Lower Upper
91 100
106 32.6 21.4 39.8



#53
m,p-Xylene
Concen: 20.870 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion:106 Resp: 92462
Ion Ratio Lower Upper
106 100
91 206.1 144.7 268.7





#54

o-Xylene

Concen: 20.868 ug/L

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

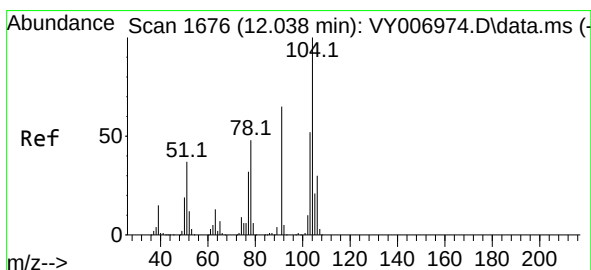
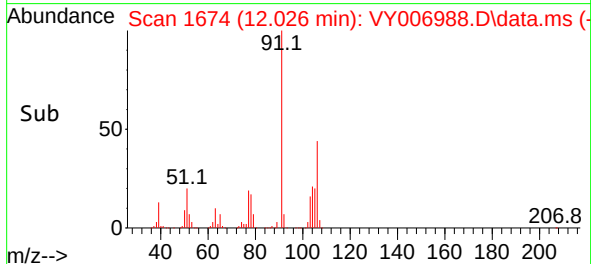
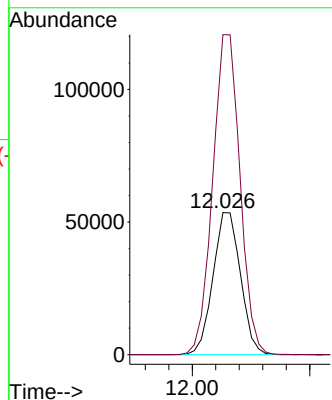
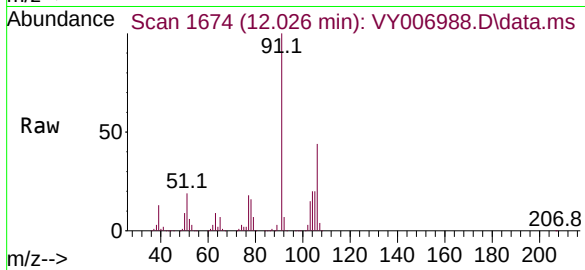
ClientSampleId :

Tgt Ion:106 Resp: 86972

Ion Ratio Lower Upper

106 100

91 225.2 155.5 288.7



#55

Styrene

Concen: 21.953 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY006988.D

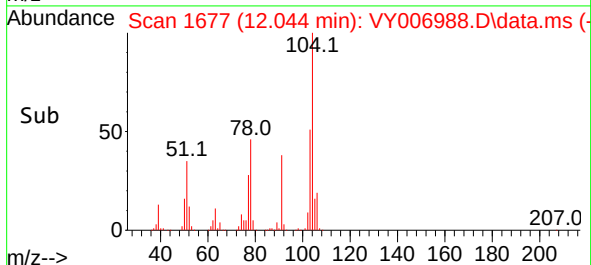
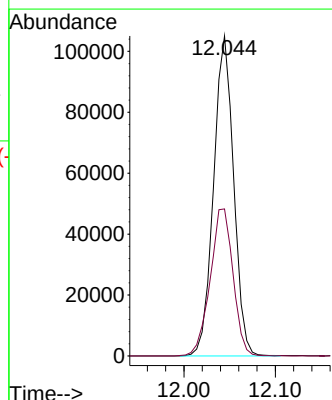
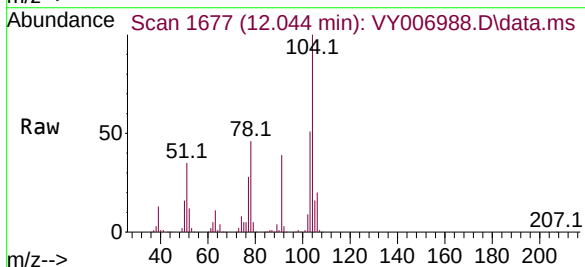
Acq: 07 Dec 2021 03:12

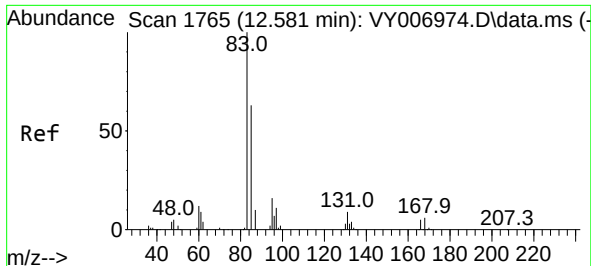
Tgt Ion:104 Resp: 160079

Ion Ratio Lower Upper

104 100

78 46.0 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.135 ug/L

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006988.D

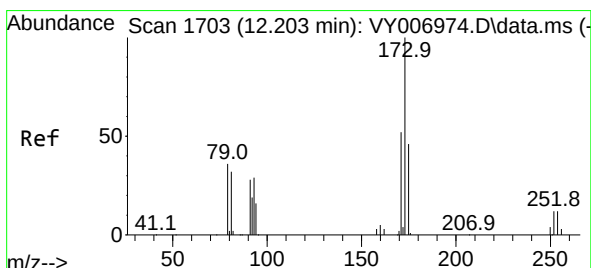
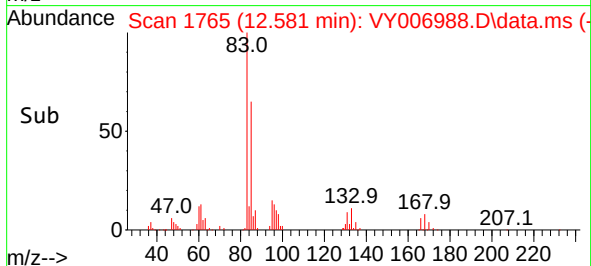
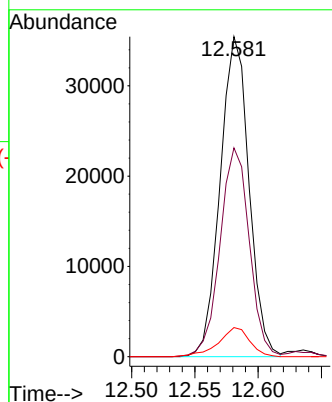
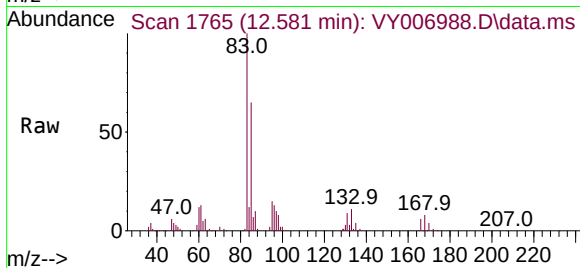
Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 56171
Ion Ratio	Lower Upper
83 100	
85 65.2	45.4 84.2
131 9.1	7.8 11.8



#59

Bromoform

Concen: 21.519 ug/L

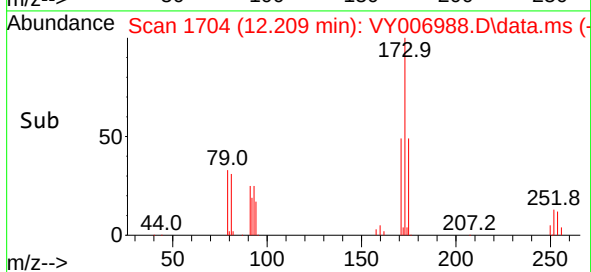
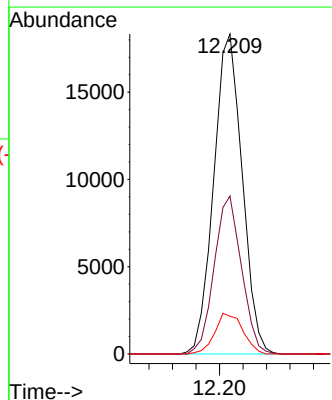
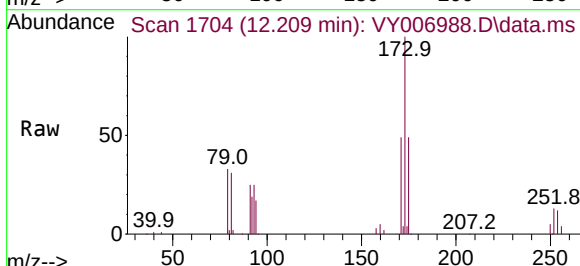
RT: 12.209 min Scan# 1704

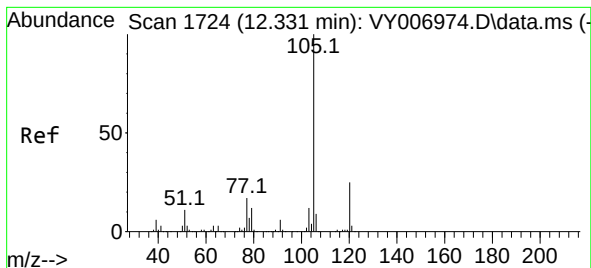
Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Tgt Ion: 173	Resp: 30830
Ion Ratio	Lower Upper
173 100	
175 47.4	38.6 58.0
254 12.5	10.3 15.5





#60

Isopropylbenzene

Concen: 21.783 ug/L

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

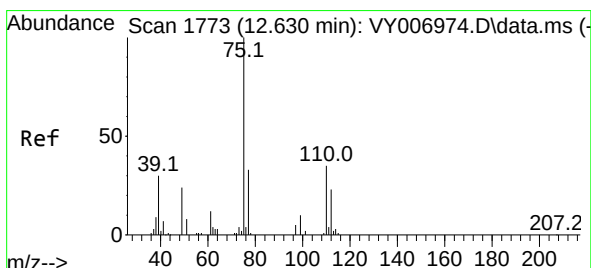
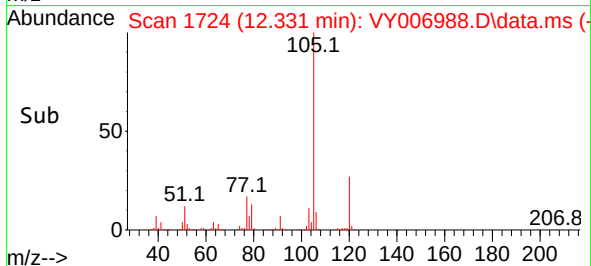
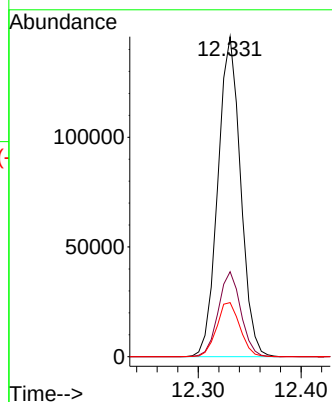
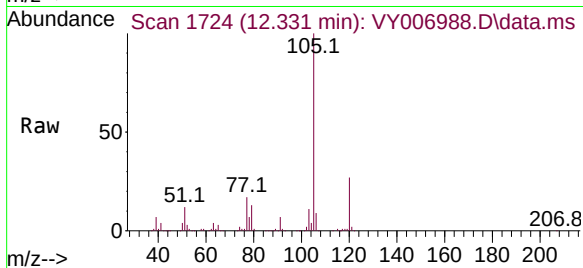
Tgt Ion:105 Resp: 223928

Ion Ratio Lower Upper

105 100

120 26.2 21.2 31.8

77 17.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 24.524 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

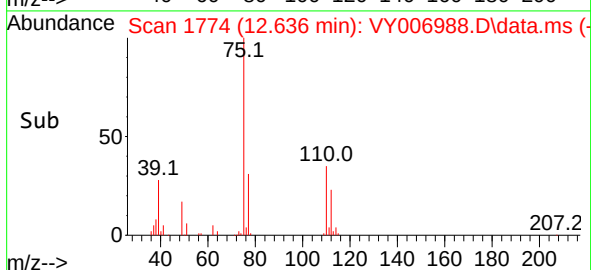
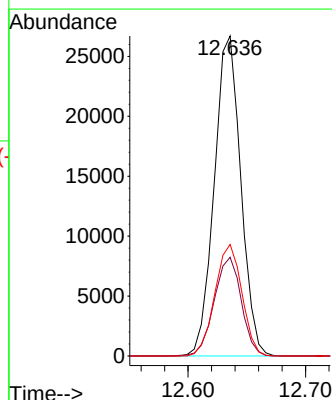
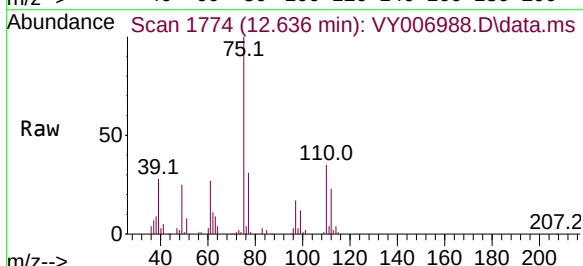
Tgt Ion: 75 Resp: 41877

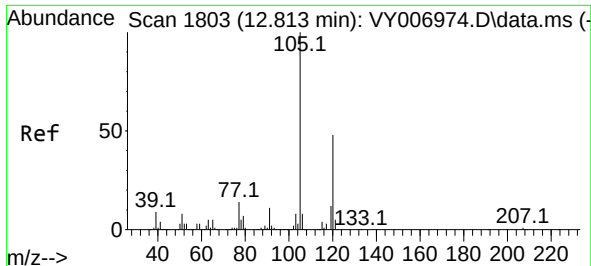
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

110 35.5 31.7 47.5

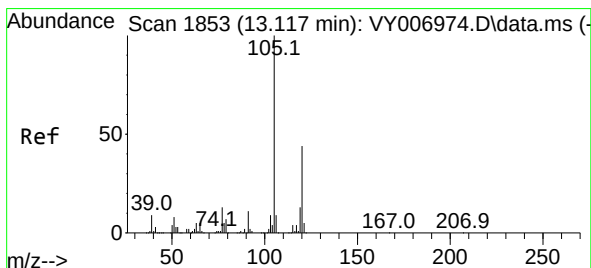
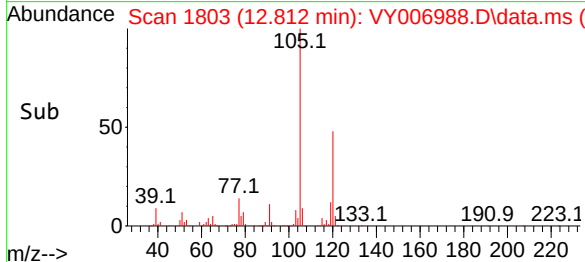
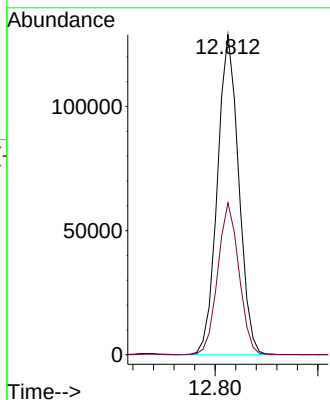
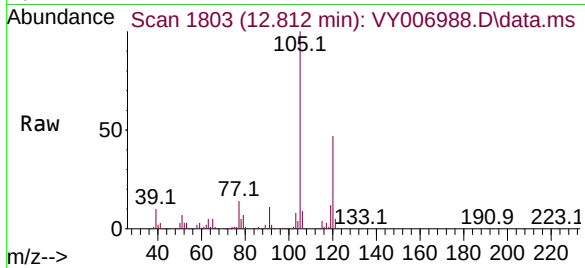




#62
 1,3,5-Trimethylbenzene
 Concen: 21.915 ug/L
 RT: 12.812 min Scan# 185237
 Delta R.T. -0.000 min
 Lab File: VY006988.D
 Acq: 07 Dec 2021 03:12

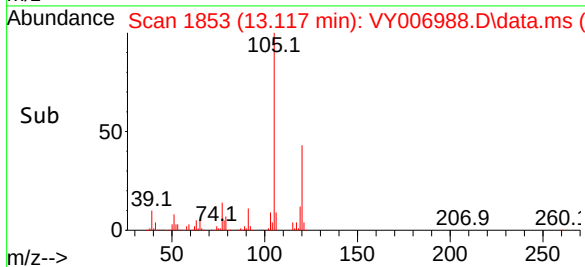
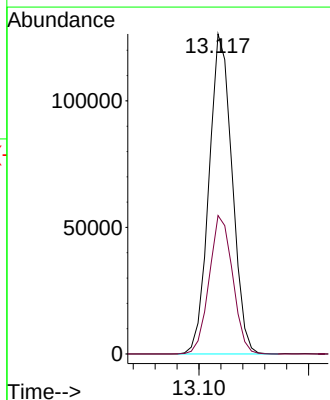
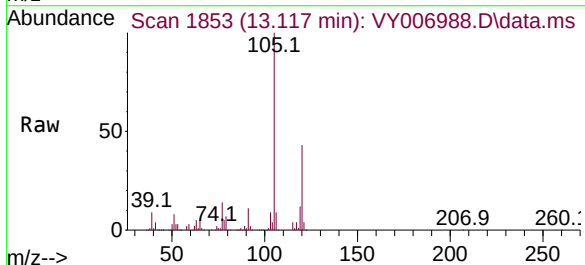
Instrument :
 MSVOA_Y
 ClientSampleId :

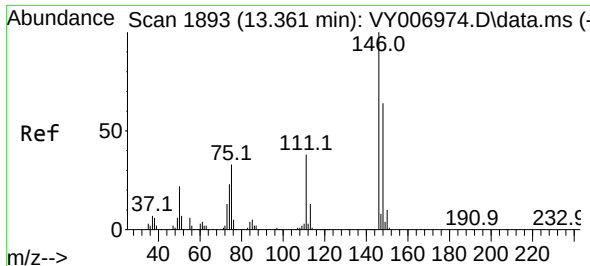
Tgt Ion:105 Resp: 185237
 Ion Ratio Lower Upper
 105 100
 120 47.1 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 22.433 ug/L
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY006988.D
 Acq: 07 Dec 2021 03:12

Tgt Ion:105 Resp: 185471
 Ion Ratio Lower Upper
 105 100
 120 43.8 36.0 54.0

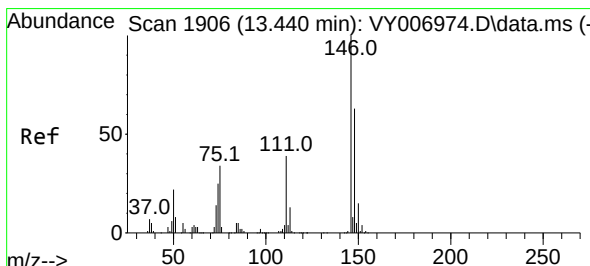
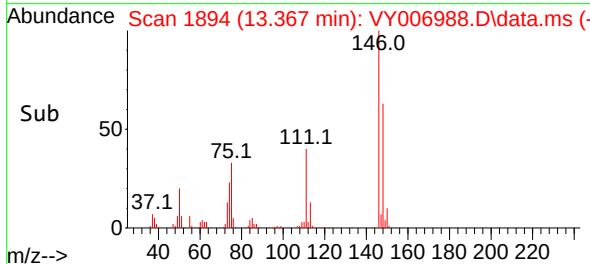
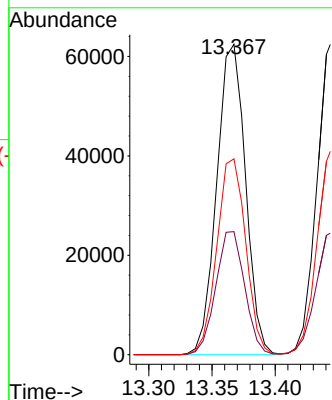
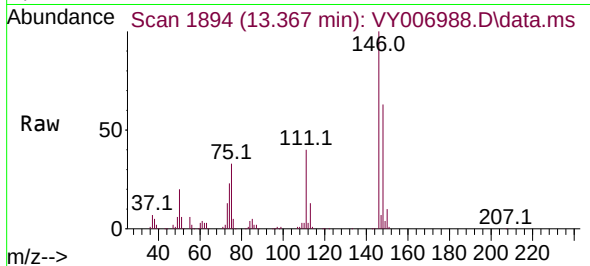




#64
1,3-Dichlorobenzene
Concen: 21.354 ug/L
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

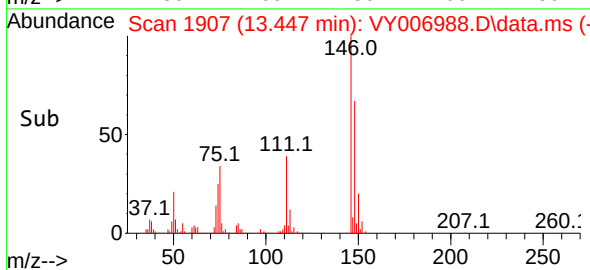
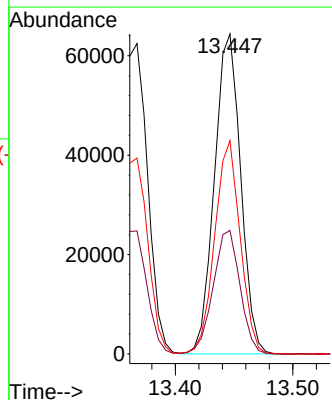
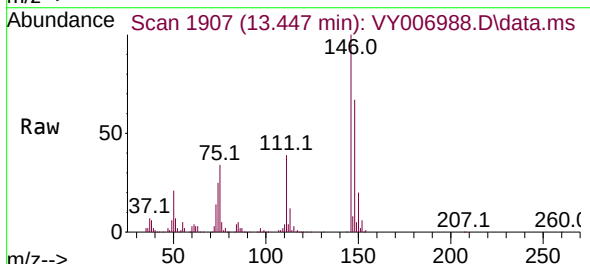
Instrument :
MSVOA_Y
ClientSampleId :

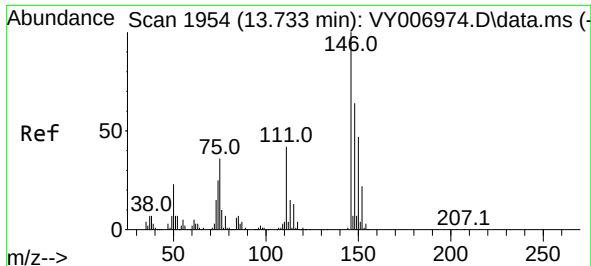
Tgt Ion:146 Resp: 98797
Ion Ratio Lower Upper
146 100
111 39.6 27.4 51.0
148 63.1 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 21.253 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion:146 Resp: 100199
Ion Ratio Lower Upper
146 100
111 38.6 25.3 46.9
148 66.7 44.9 83.5

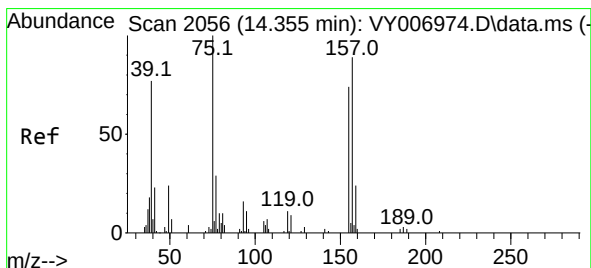
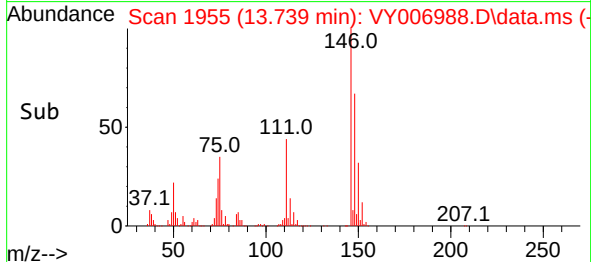
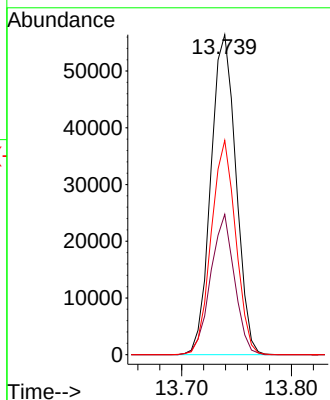
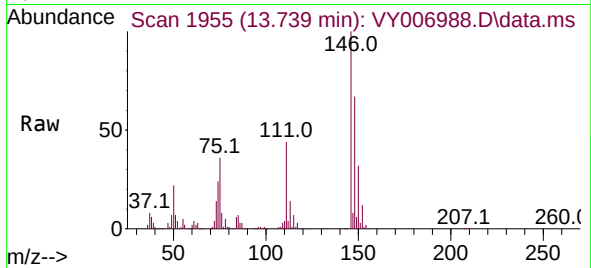




#67
1,2-Dichlorobenzene
Concen: 21.659 ug/L
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

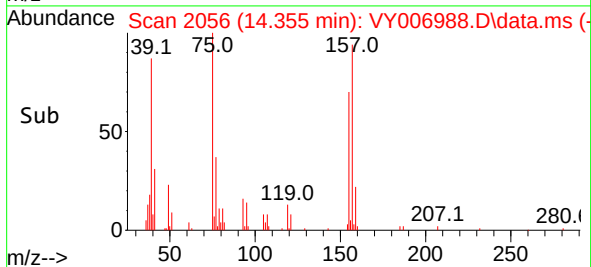
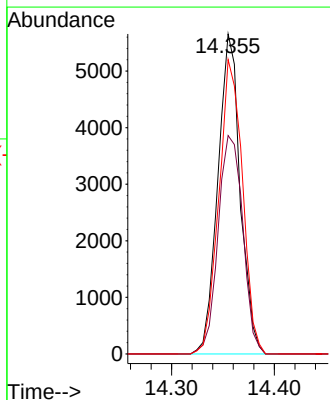
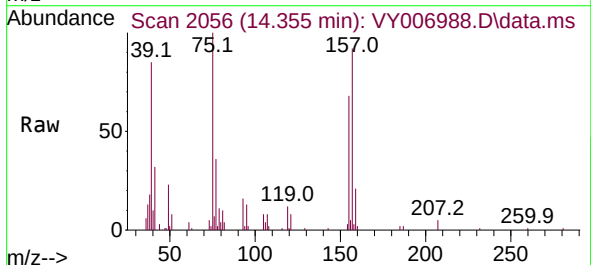
Instrument :
MSVOA_Y
ClientSampleId :

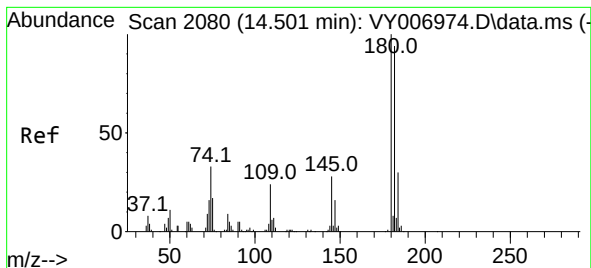
Tgt Ion:146 Resp: 89732
Ion Ratio Lower Upper
146 100
111 43.9 31.0 46.6
148 67.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.213 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

Tgt Ion: 75 Resp: 8535
Ion Ratio Lower Upper
75 100
155 68.2 66.3 99.5
157 92.0 93.9 140.9#





#69

1,3,5-Trichlorobenzene

Concen: 20.025 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. 0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 63051

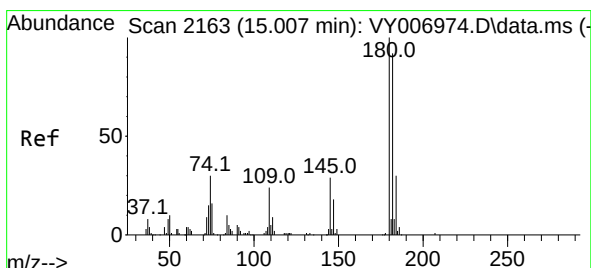
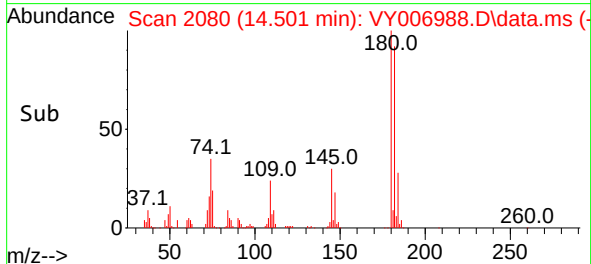
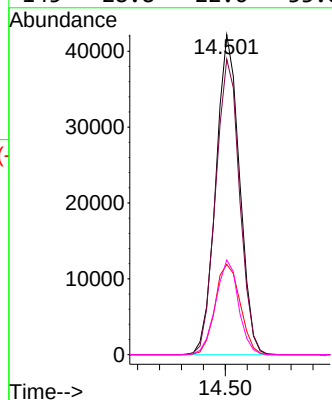
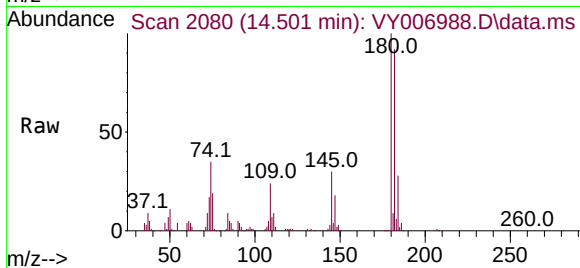
Ion Ratio Lower Upper

180 100

182 93.6 76.0 114.0

184 30.0 24.6 36.8

145 28.8 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 20.097 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006988.D

Acq: 07 Dec 2021 03:12

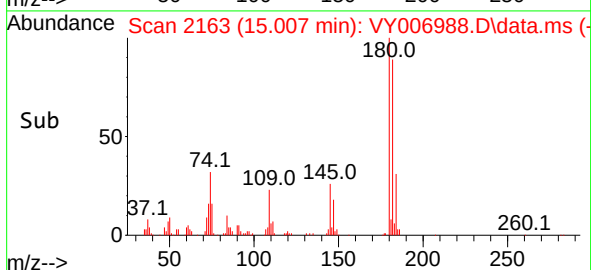
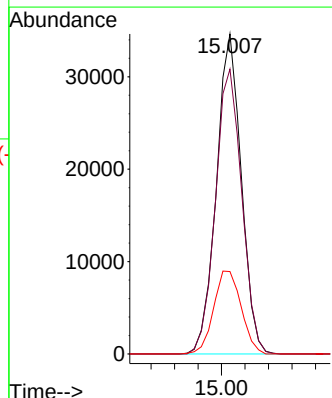
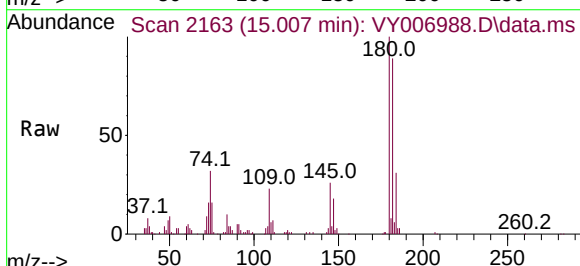
Tgt Ion:180 Resp: 51037

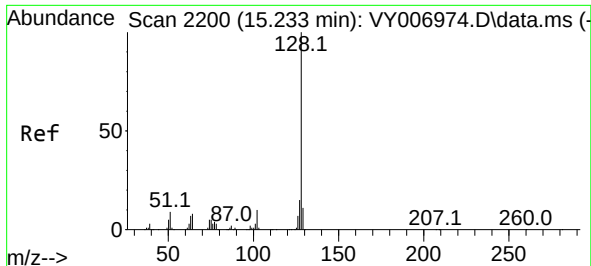
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

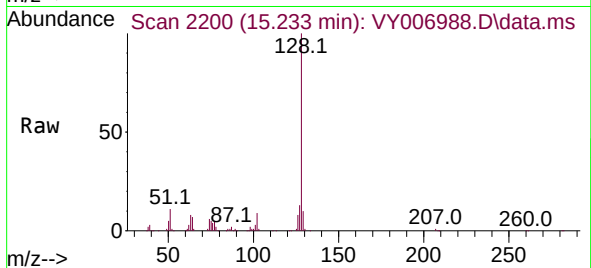
145 28.6 23.0 34.6



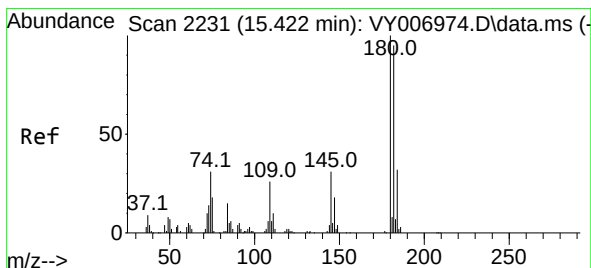
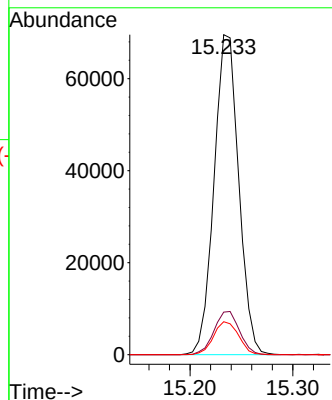
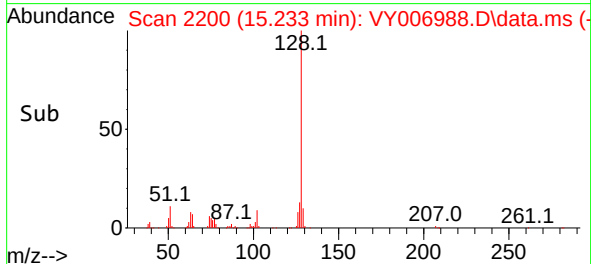


#71
Naphthalene
Concen: 22.746 ug/L
RT: 15.233 min Scan# 211
Delta R.T. -0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12

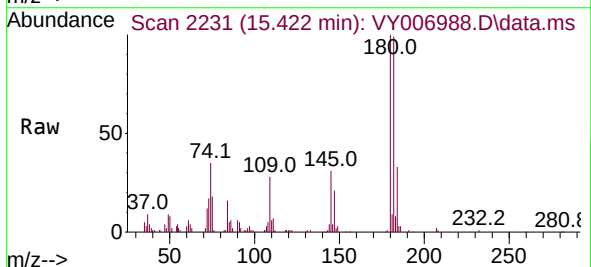
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 115747
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.053 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY006988.D
Acq: 07 Dec 2021 03:12



Tgt Ion:180 Resp: 45176
Ion Ratio Lower Upper
180 100
182 94.8 75.5 113.3
145 31.9 23.5 35.3

