

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006955.D
 Acq On : 06 Dec 2021 12:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:35:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	198925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	179654	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	75474	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	72474	28.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.160%
7) Chloroethane-d5	2.772	69	53839	26.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.160%
11) 1,1-Dichloroethene-d2	3.857	63	123130	23.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.480%
21) 2-Butanone-d5	6.887	46	46636	47.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.260%
24) Chloroform-d	7.478	84	123648	24.942	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	8.143	65	68421	22.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.112	84	235299	24.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.118	67	76434	25.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.960%
41) Toluene-d8	10.179	98	213566	23.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.441	79	36846	25.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.640%
47) 2-Hexanone-d5	10.788	63	34293	49.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	54009	21.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.480%
66) 1,2-Dichlorobenzene-d4	13.721	152	57286	23.275	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.924	85	25439	20.256	ug/L #	77
3) Chloromethane	2.119	50	61416	25.477	ug/L	100
5) Vinyl chloride	2.259	62	116290	32.749	ug/L	100
6) Bromomethane	2.668	94	63761	29.707	ug/L	98
8) Chloroethane	2.808	64	64032	30.390	ug/L	99
9) Trichlorofluoromethane	3.125	101	65062	25.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	63223	25.289	ug/L	95
12) 1,1-Dichloroethene	3.875	96	63633	23.638	ug/L	90
13) Acetone	3.942	43	47659	52.553	ug/L	98
14) Carbon disulfide	4.198	76	223063	25.136	ug/L	100
15) Methyl Acetate	4.472	43	44824	22.672	ug/L	95
16) Methylene chloride	4.710	84	75692	21.218	ug/L	90
17) trans-1,2-Dichloroethene	5.222	96	68850	23.987	ug/L	94
18) Methyl tert-butyl Ether	5.222	73	118958	22.975	ug/L	98
19) 1,1-Dichloroethane	6.015	63	139741	25.885	ug/L	98
20) cis-1,2-Dichloroethene	6.984	96	84669	27.510	ug/L	96
22) 2-Butanone	6.984	43	71345	56.239	ug/L	94
23) Bromochloromethane	7.332	128	36231	25.797	ug/L #	79
25) Chloroform	7.508	83	150495	27.672	ug/L	98

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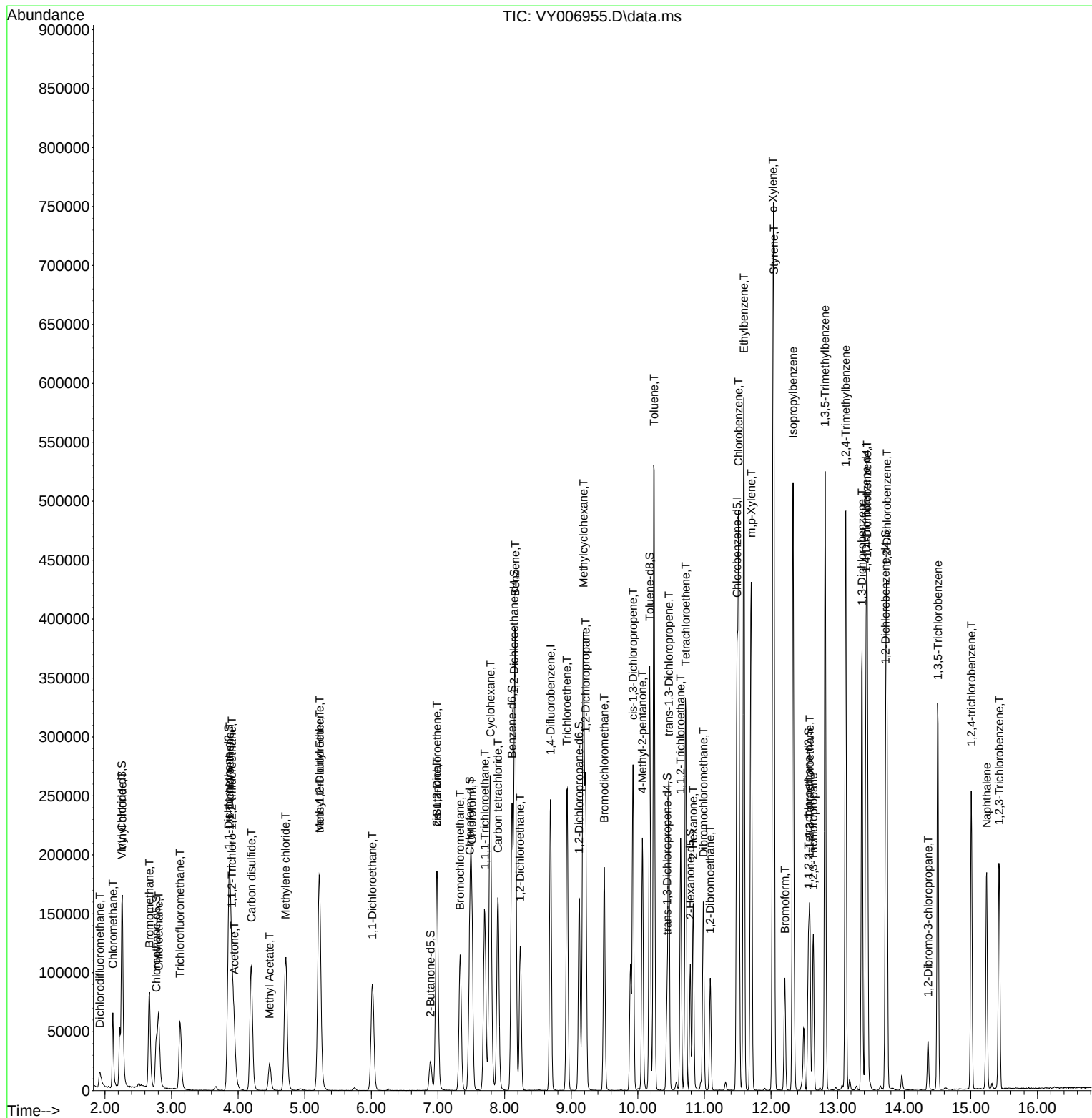
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.234	62	110120	27.940	ug/L	99
29) Cyclohexane	7.789	56	153166	30.589	ug/L	93
30) 1,1,1-Trichloroethane	7.704	97	125873	27.542	ug/L	98
31) Carbon tetrachloride	7.899	117	118532	27.182	ug/L	99
33) Benzene	8.161	78	335048	27.739	ug/L	100
34) Trichloroethene	8.935	95	85314	28.677	ug/L	91
35) Methylcyclohexane	9.185	83	151994	28.512	ug/L	93
37) 1,2-Dichloropropane	9.215	63	91450	29.536	ug/L	98
38) Bromodichloromethane	9.496	83	115044	28.679	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	142205	29.259	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	148374	54.943	ug/L	98
42) Toluene	10.246	91	362616	28.141	ug/L	97
44) trans-1,3-Dichloropropene	10.465	75	131015	28.846	ug/L	97
45) 1,1,2-Trichloroethane	10.642	97	60824	26.664	ug/L	95
46) Tetrachloroethene	10.721	164	69948	28.063	ug/L	98
48) 2-Hexanone	10.831	43	104128	58.429	ug/L	99
49) Dibromochloromethane	10.983	129	74987	27.011	ug/L	97
50) 1,2-Dibromoethane	11.087	107	58010	26.870	ug/L	98
51) Chlorobenzene	11.514	112	215810	27.460	ug/L	97
52) Ethylbenzene	11.593	91	377020	27.220	ug/L	99
53) m,p-Xylene	11.703	106	128218	24.471	ug/L	98
54) o-Xylene	12.032	106	117968	23.934	ug/L	97
55) Styrene	12.044	104	212561	24.649	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.581	83	68030	24.716	ug/L	98
59) Bromoform	12.209	173	38858	25.245	ug/L	99
60) Isopropylbenzene	12.331	105	316039	28.615	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	50159	27.342	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	258861	28.506	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	258529	29.106	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	136471	27.455	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	135187	26.689	ug/L	96
67) 1,2-Dichlorobenzene	13.739	146	119006	26.737	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	10043	25.424	ug/L	86
69) 1,3,5-Trichlorobenzene	14.507	180	90846	26.856	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	69945	25.637	ug/L	96
71) Naphthalene	15.239	128	140726	25.741	ug/L	100
72) 1,2,3-Trichlorobenzene	15.428	180	59138	25.652	ug/L	99

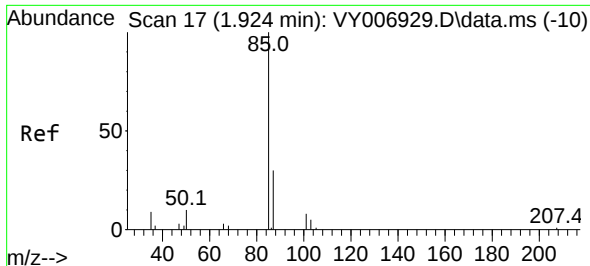
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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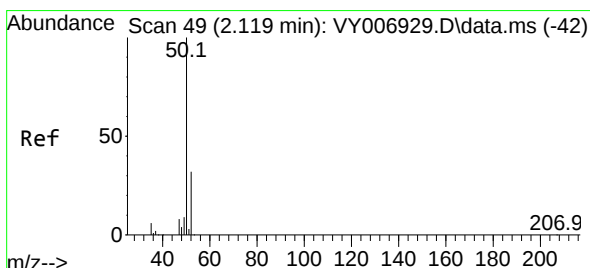
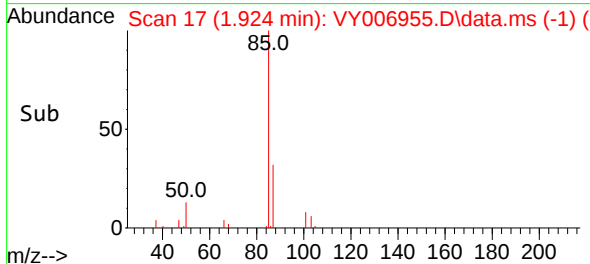
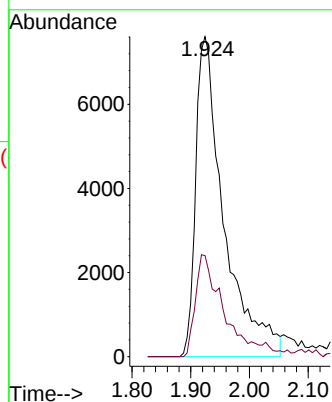
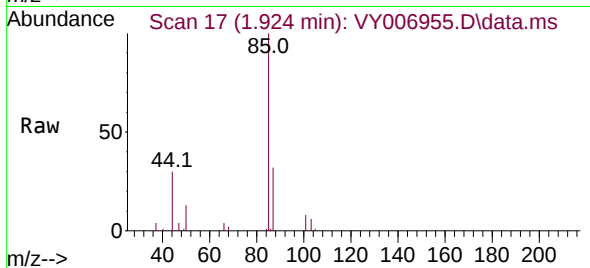




#2
 Dichlorodifluoromethane
 Concen: 20.256 ug/L
 RT: 1.924 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

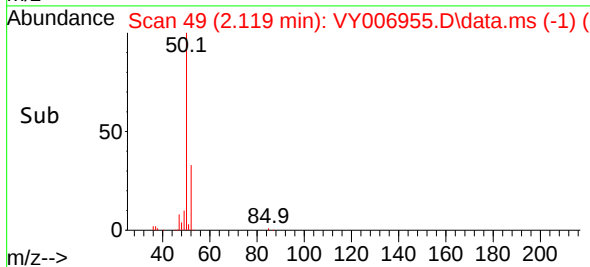
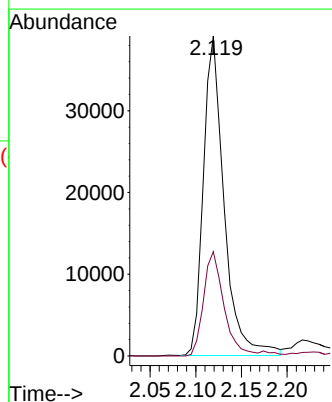
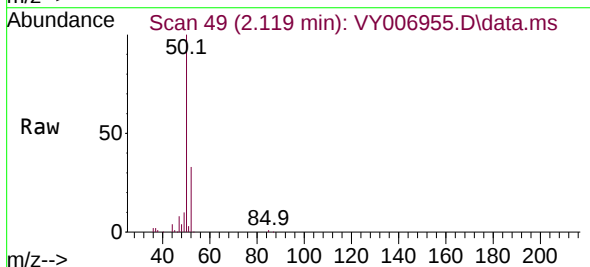
Instrument :
 MSVOA_Y
 ClientSampleId :

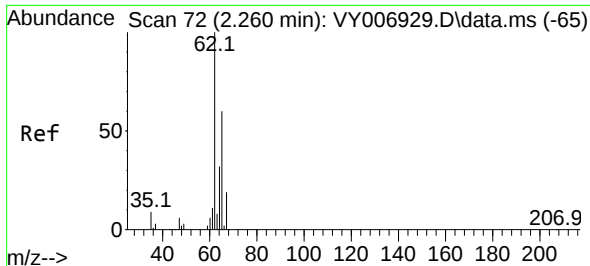
Tgt Ion: 85 Resp: 25439
 Ion Ratio Lower Upper
 85 100
 87 19.7 26.3 39.5#



#3
 Chloromethane
 Concen: 25.477 ug/L
 RT: 2.119 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

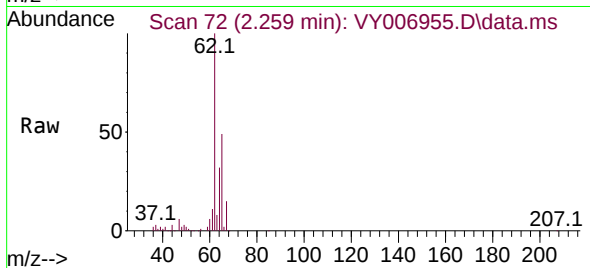
Tgt Ion: 50 Resp: 61416
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.7 42.1



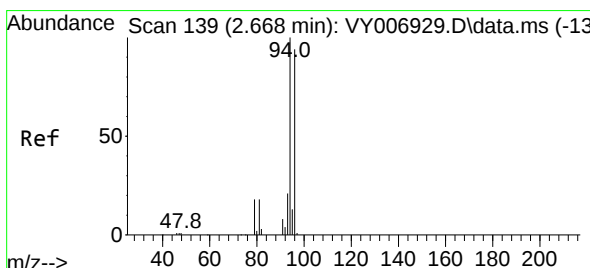
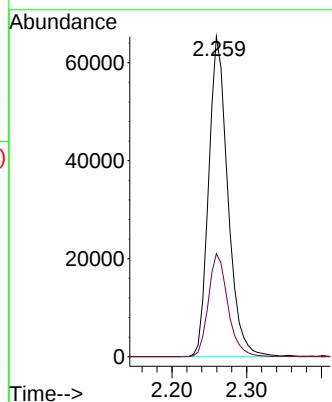
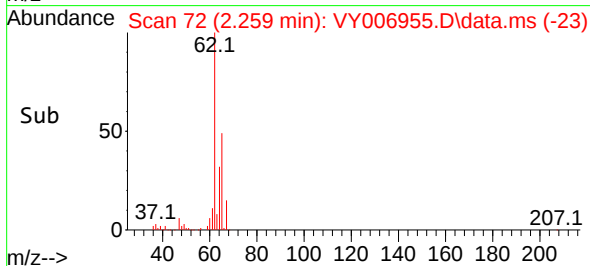


#5
 Vinyl chloride
 Concen: 32.749 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

Instrument :
 MSVOA_Y
 ClientSampleId :

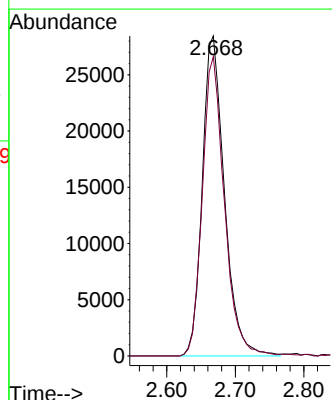
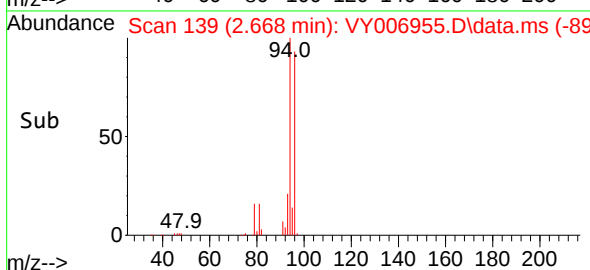
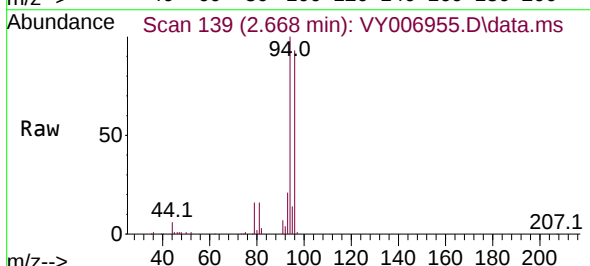


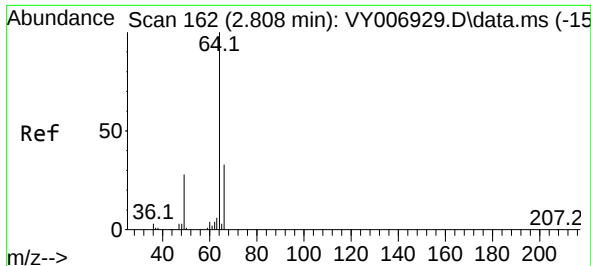
Tgt Ion: 62 Resp: 116290
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.4 41.6



#6
 Bromomethane
 Concen: 29.707 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

Tgt Ion: 94 Resp: 63761
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.5 123.5

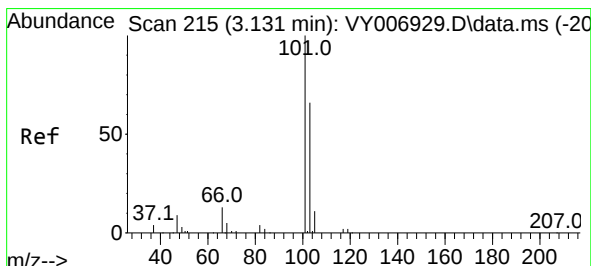
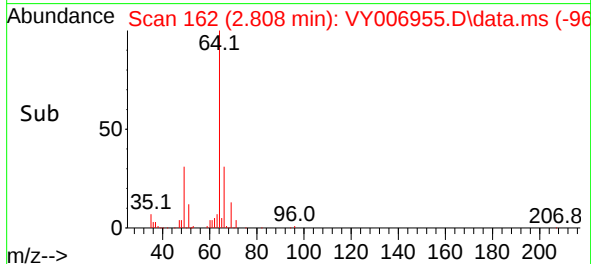
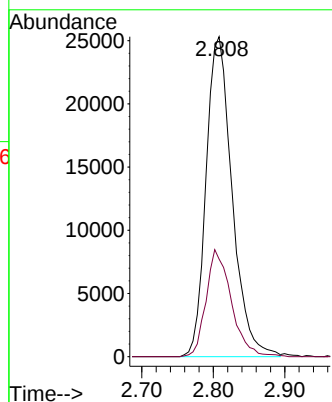
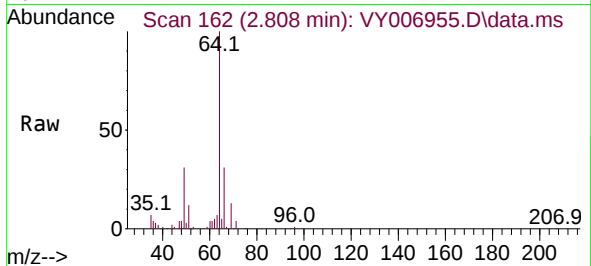




#8
Chloroethane
Concen: 30.390 ug/L
RT: 2.808 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

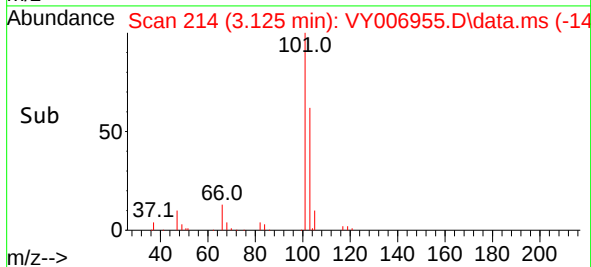
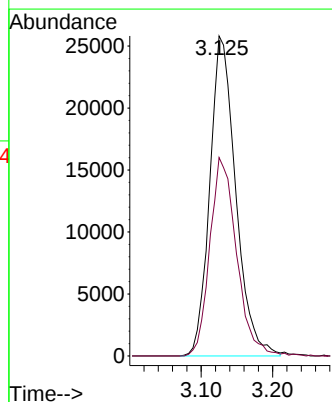
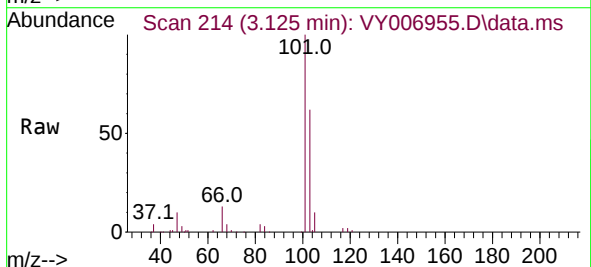
Instrument :
MSVOA_Y
ClientSampleId :

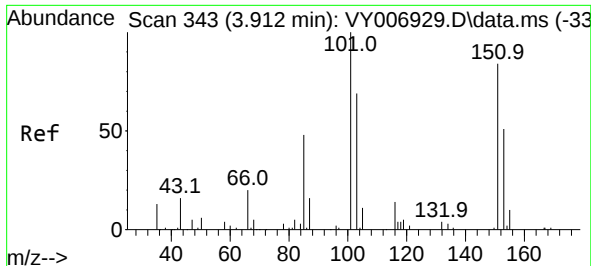
Tgt Ion: 64 Resp: 64032
Ion Ratio Lower Upper
64 100
66 30.5 21.1 39.3



#9
Trichlorofluoromethane
Concen: 25.230 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion:101 Resp: 65062
Ion Ratio Lower Upper
101 100
103 63.8 51.3 76.9





#10

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

Concen: 25.289 ug/L

RT: 3.905 min Scan# 343

Delta R.T. -0.001 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

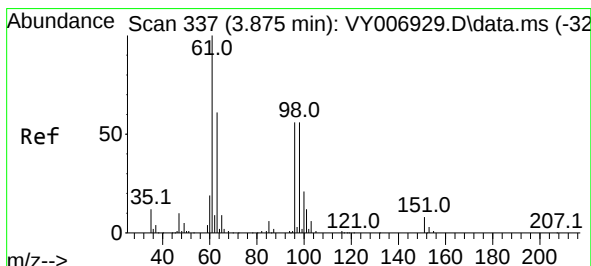
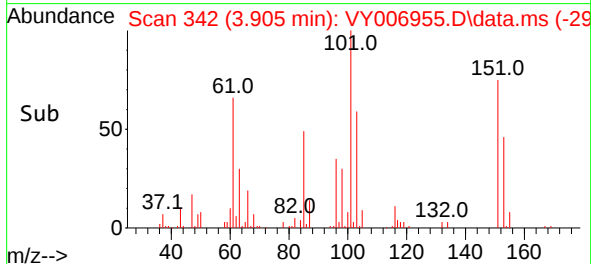
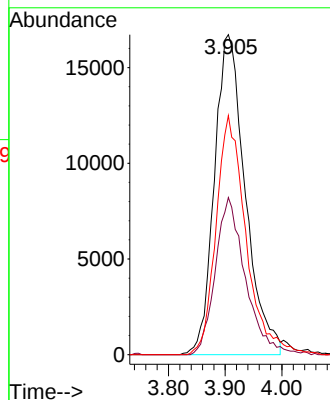
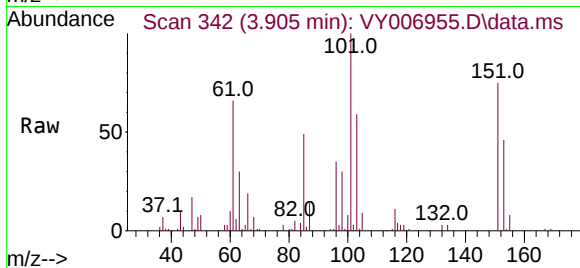
Tgt Ion:101 Resp: 63223

Ion Ratio Lower Upper

101 100

85 47.7 38.2 57.2

151 72.6 64.2 96.4



#12

1,1-Dichloroethene

Concen: 23.638 ug/L

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

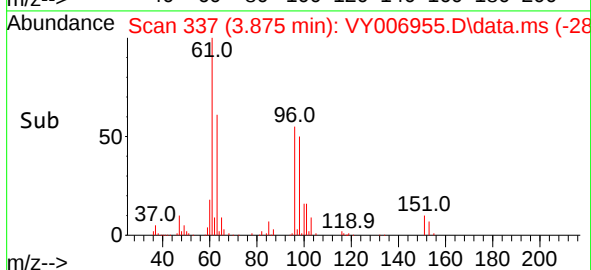
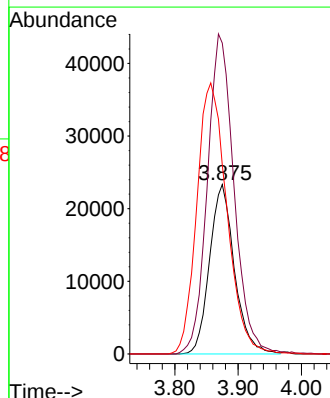
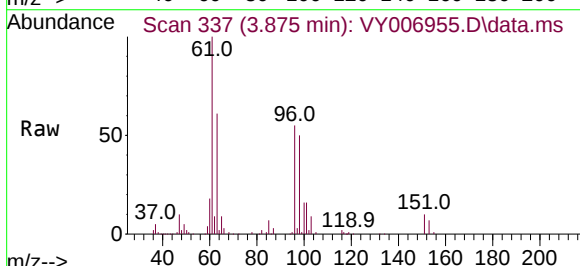
Tgt Ion: 96 Resp: 63633

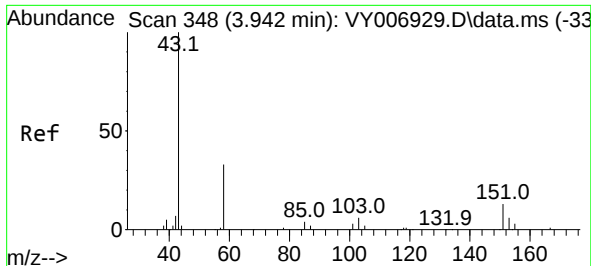
Ion Ratio Lower Upper

96 100

61 183.4 123.3 229.1

63 111.5 91.2 169.4





#13

Acetone

Concen: 52.553 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

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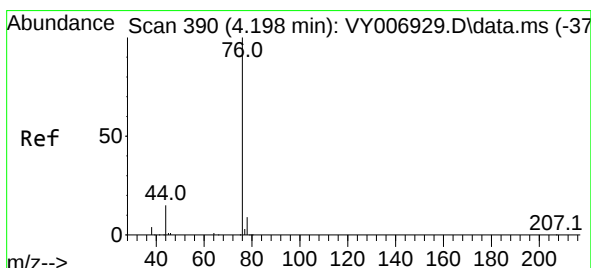
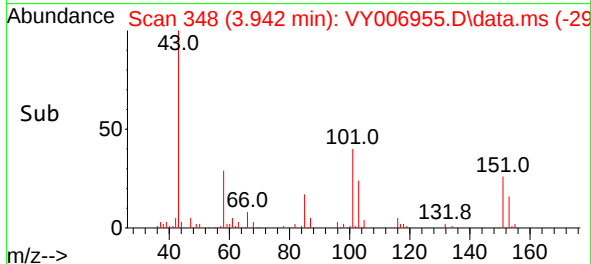
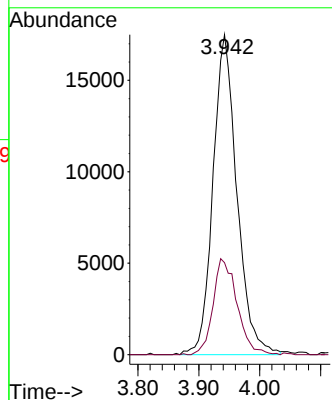
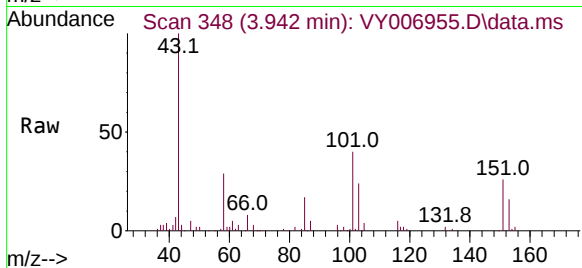
ClientSampleId :

Tgt Ion: 43 Resp: 47659

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



#14

Carbon disulfide

Concen: 25.136 ug/L

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY006955.D

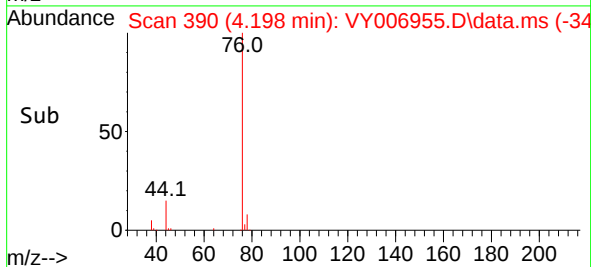
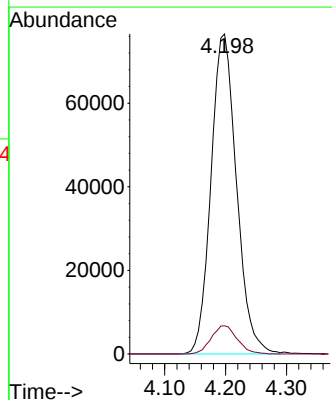
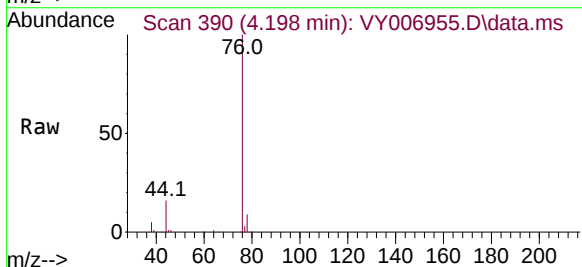
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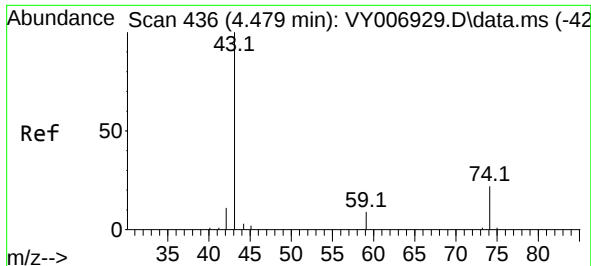
Tgt Ion: 76 Resp: 223063

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

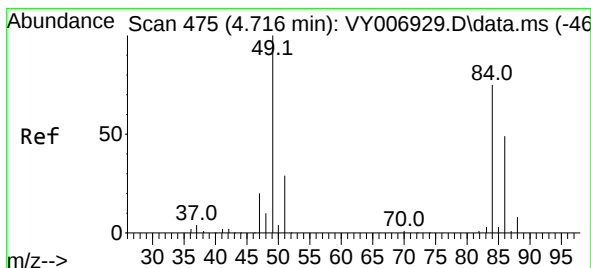
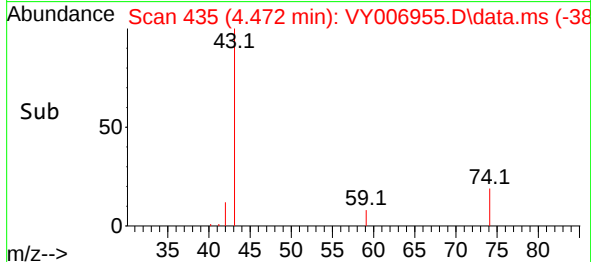
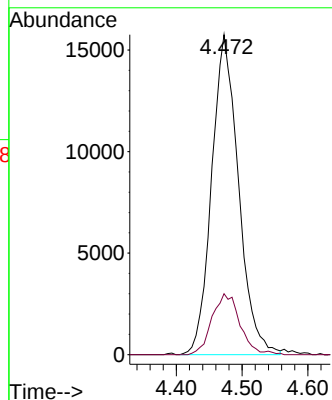
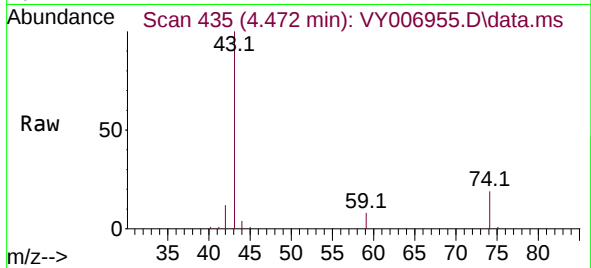




#15
Methyl Acetate
Concen: 22.672 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

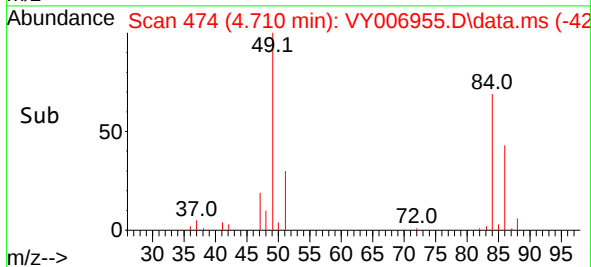
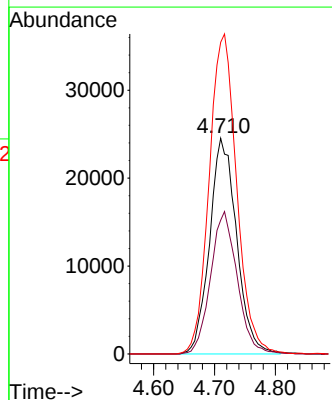
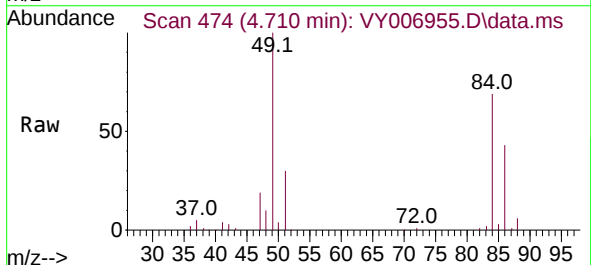
Instrument :
MSVOA_Y
ClientSampleId :

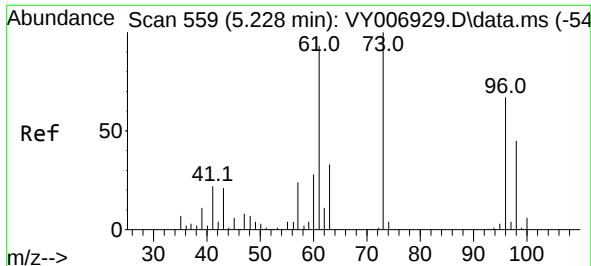
Tgt Ion: 43 Resp: 44824
Ion Ratio Lower Upper
43 100
74 19.5 17.4 26.2



#16
Methylene chloride
Concen: 21.218 ug/L
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 84 Resp: 75692
Ion Ratio Lower Upper
84 100
86 62.0 43.4 80.6
49 144.6 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 23.987 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

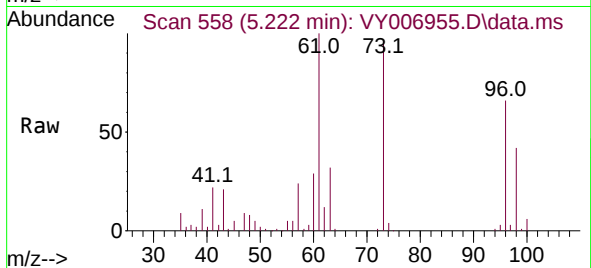
Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :



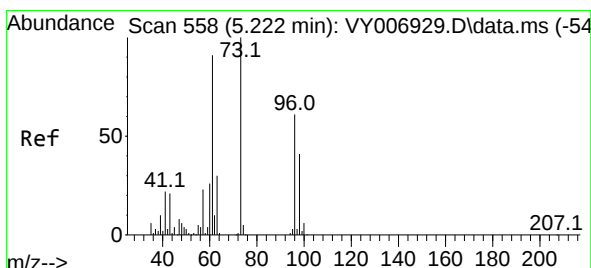
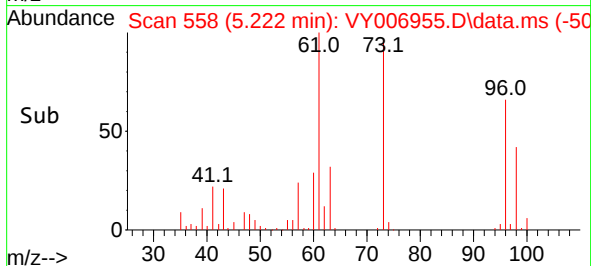
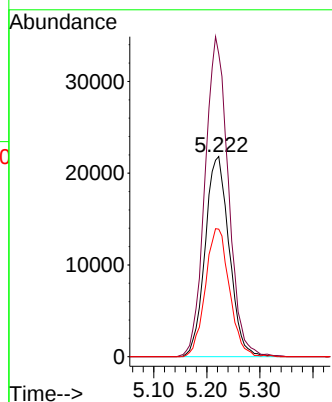
Tgt Ion: 96 Resp: 68850

Ion Ratio Lower Upper

96 100

61 151.2 98.5 182.9

98 63.7 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 22.975 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

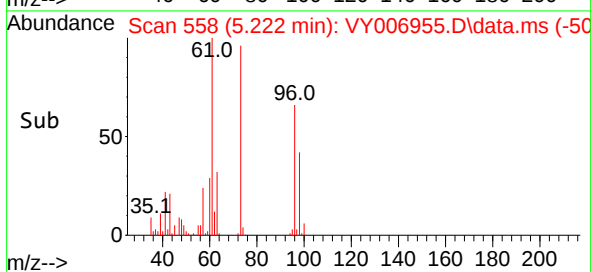
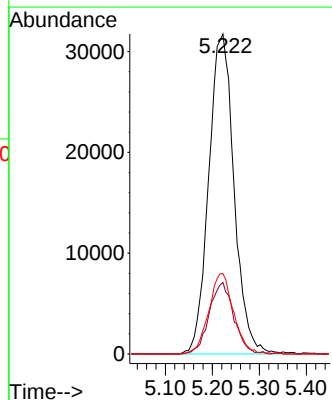
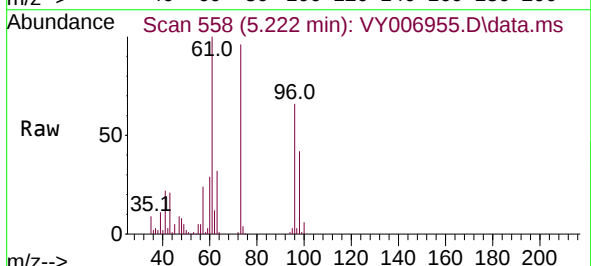
Tgt Ion: 73 Resp: 118958

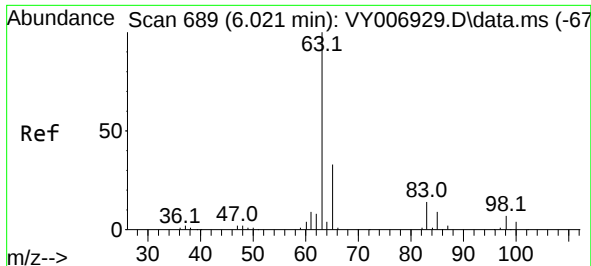
Ion Ratio Lower Upper

73 100

43 21.6 16.9 25.3

57 24.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 25.885 ug/L

RT: 6.015 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

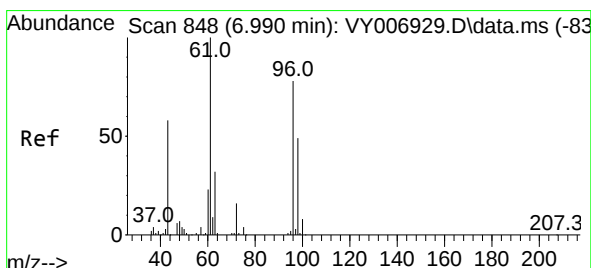
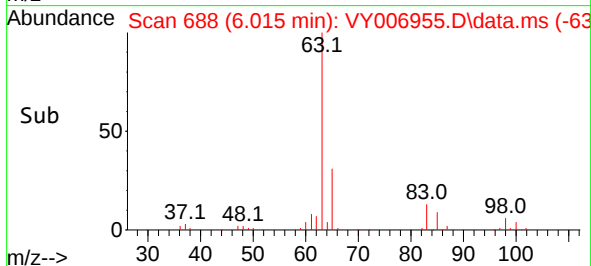
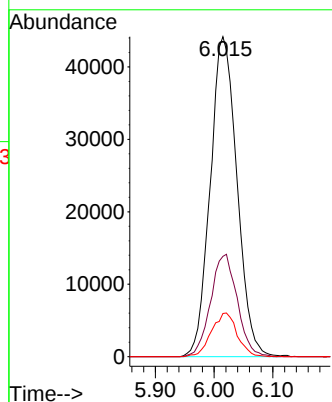
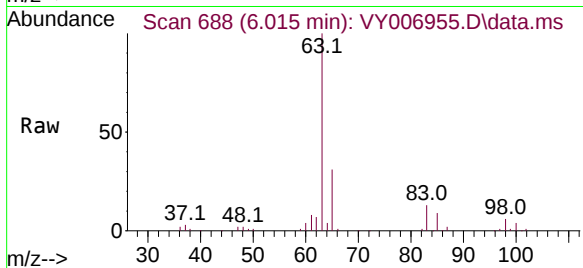
Tgt Ion: 63 Resp: 139741

Ion Ratio Lower Upper

63 100

65 31.4 21.0 39.0

83 13.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 27.510 ug/L

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

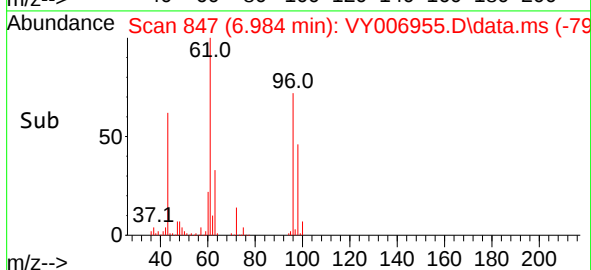
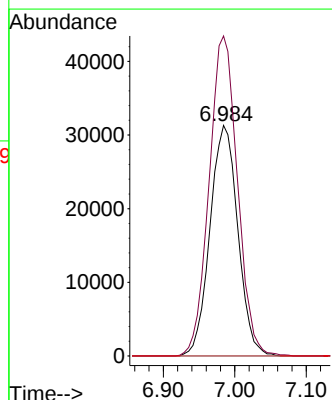
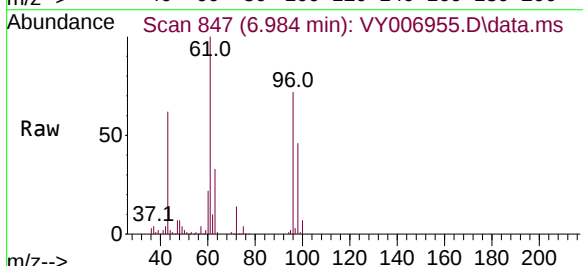
Tgt Ion: 96 Resp: 84669

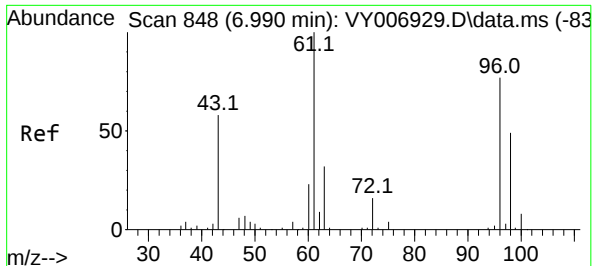
Ion Ratio Lower Upper

96 100

61 138.8 94.2 175.0

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 56.239 ug/L

RT: 6.984 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

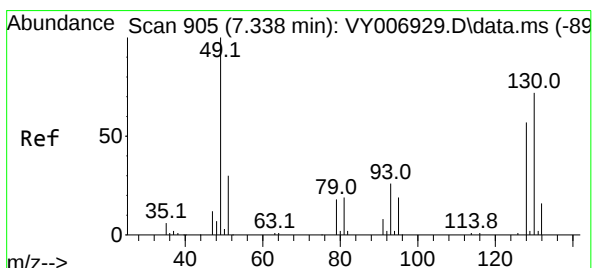
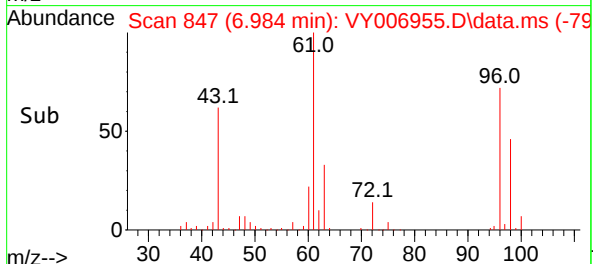
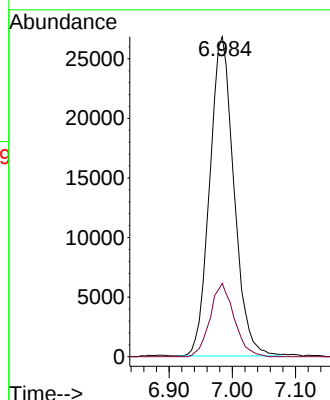
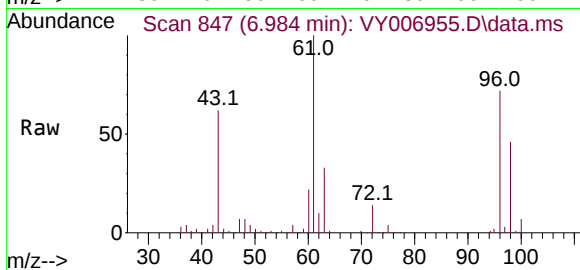
ClientSampleId :

Tgt Ion: 43 Resp: 71345

Ion Ratio Lower Upper

43 100

72 22.8 12.9 38.6



#23

Bromochloromethane

Concen: 25.797 ug/L

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Tgt Ion:128 Resp: 36231

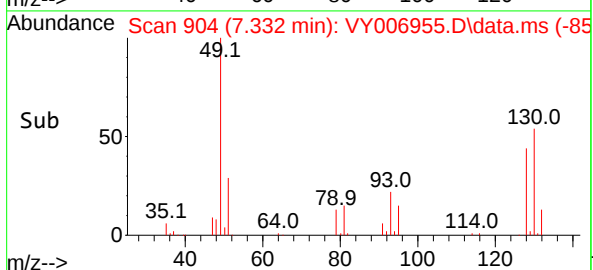
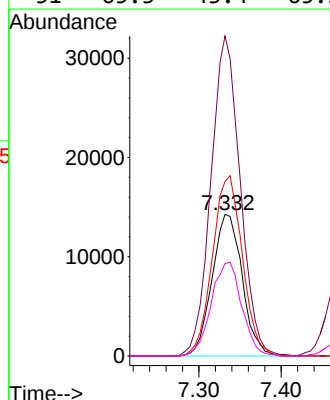
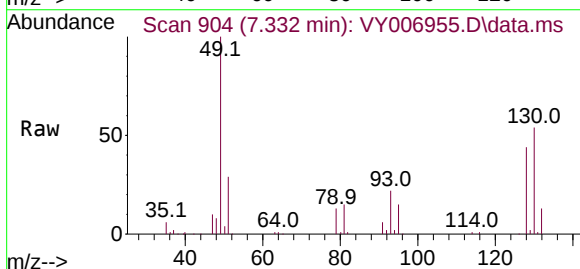
Ion Ratio Lower Upper

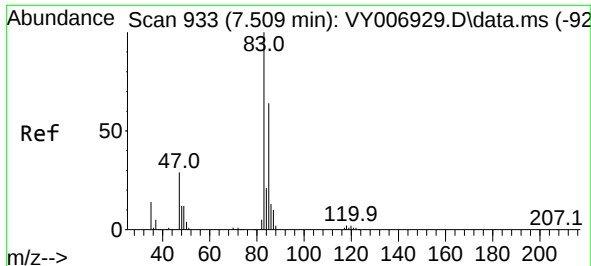
128 100

49 226.1 123.5 229.3

130 123.2 88.5 164.4

51 65.3 43.4 65.2#

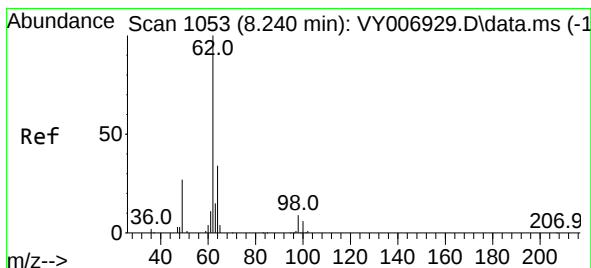
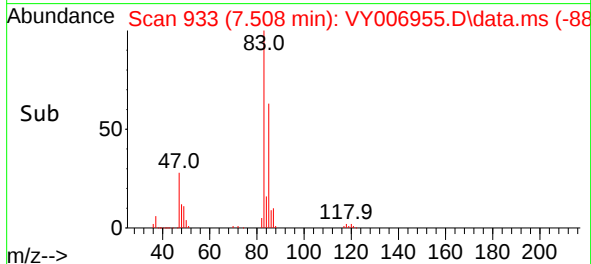
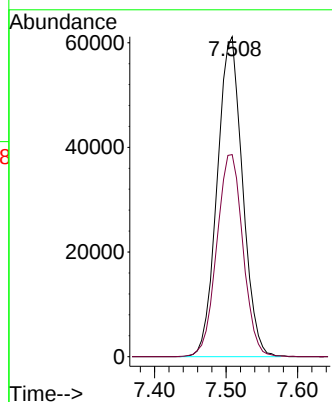
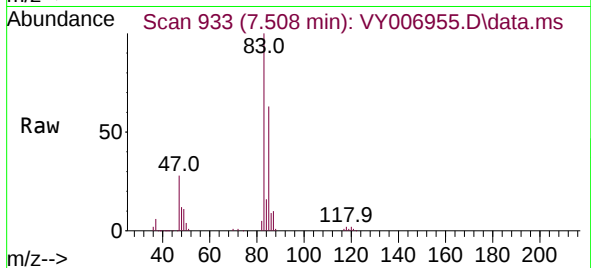




#25
Chloroform
Concen: 27.672 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

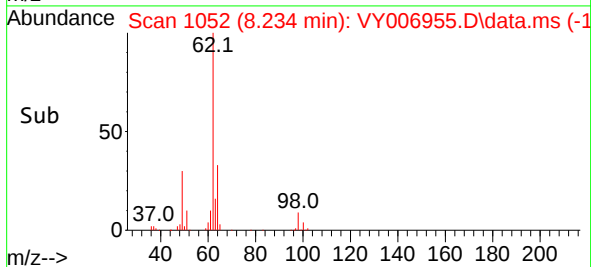
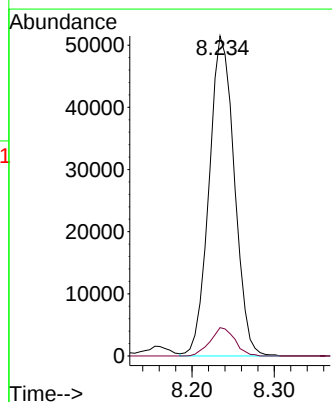
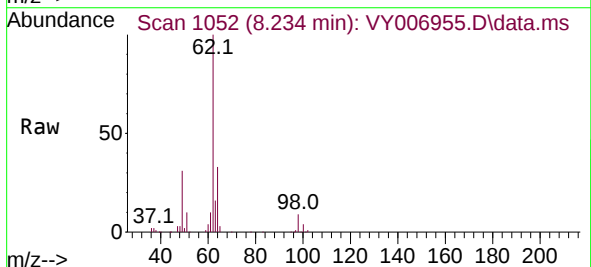
Instrument :
MSVOA_Y
ClientSampleId :

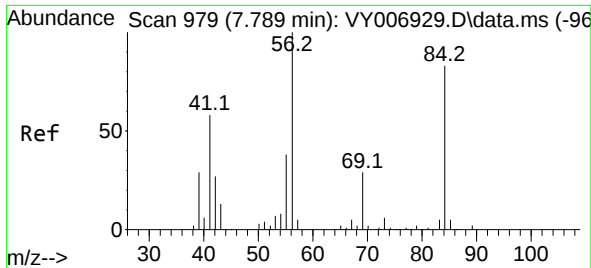
Tgt Ion: 83 Resp: 150495
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.940 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

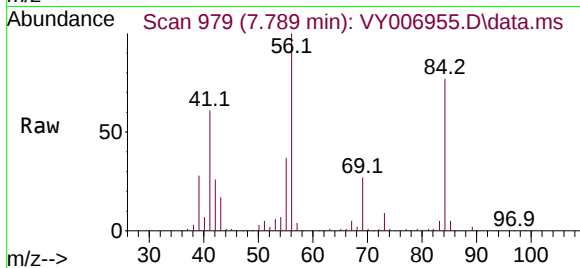
Tgt Ion: 62 Resp: 110120
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3



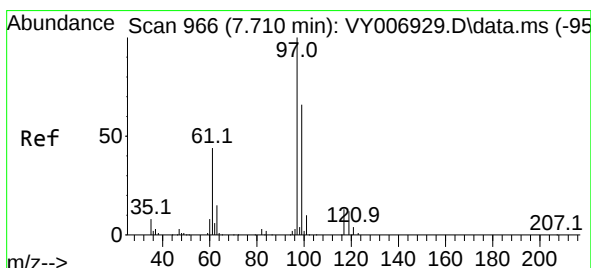
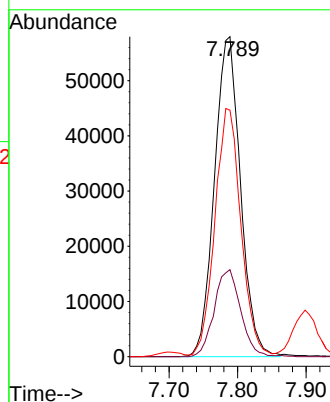
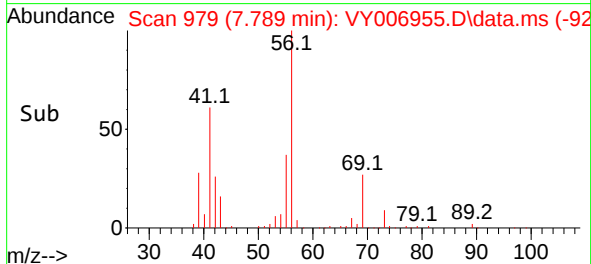


#29
Cyclohexane
Concen: 30.589 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

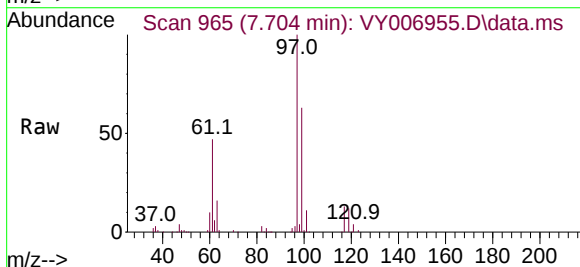
Instrument :
MSVOA_Y
ClientSampleId :



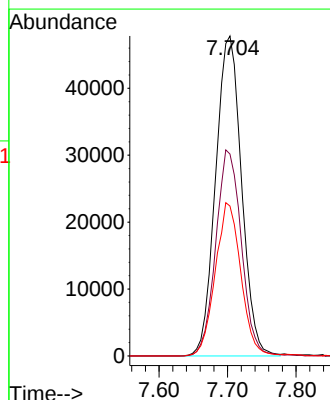
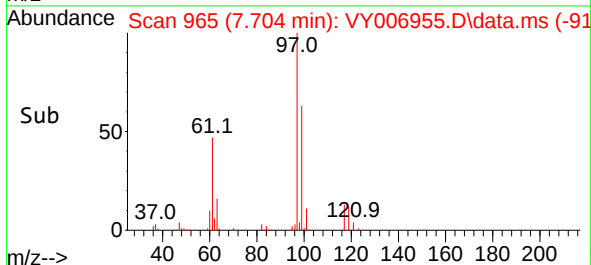
Tgt Ion: 56 Resp: 153166
Ion Ratio Lower Upper
56 100
69 27.5 24.1 36.1
84 77.5 67.8 101.6

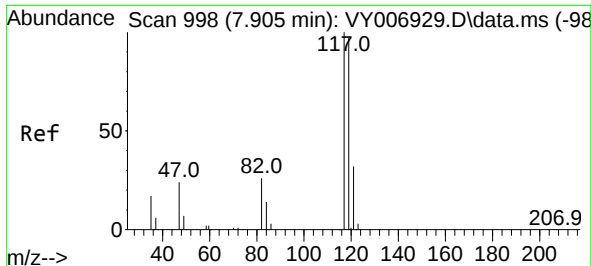


#30
1,1,1-Trichloroethane
Concen: 27.542 ug/L
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16



Tgt Ion: 97 Resp: 125873
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 47.1 35.7 53.5

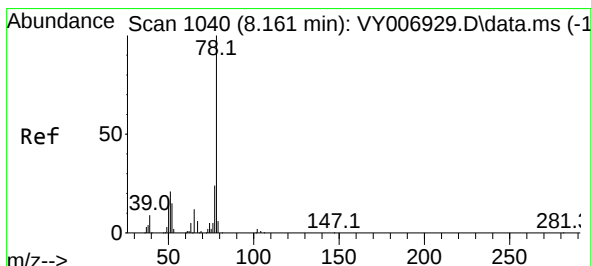
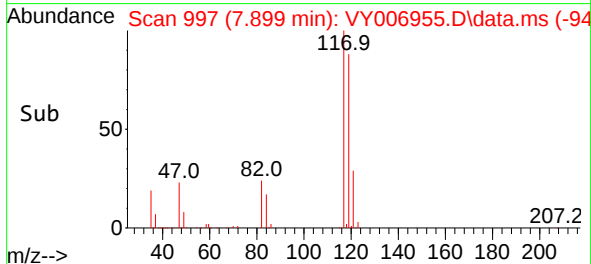
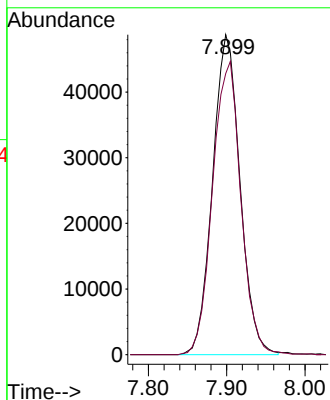
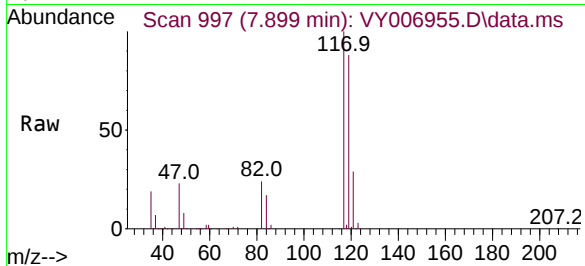




#31
Carbon tetrachloride
Concen: 27.182 ug/L
RT: 7.899 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

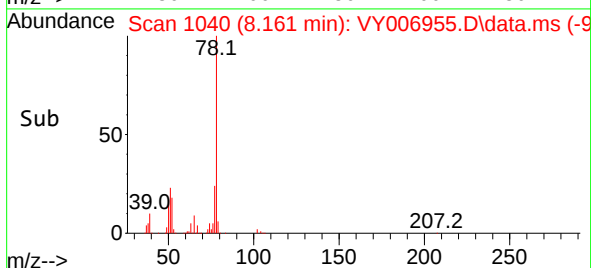
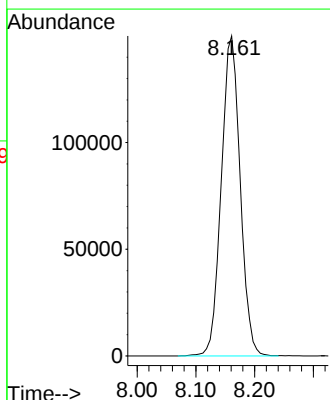
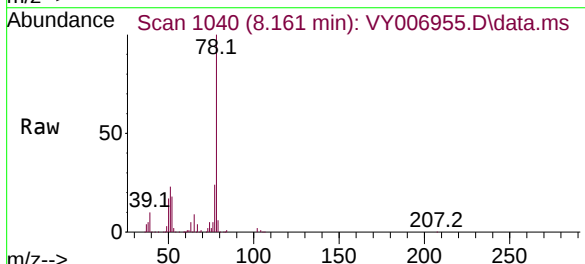
Instrument :
MSVOA_Y
ClientSampleId :

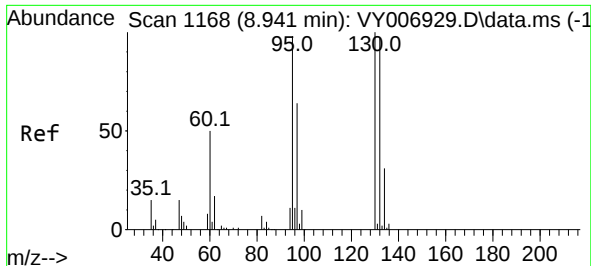
Tgt Ion:117 Resp: 118532
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6



#33
Benzene
Concen: 27.739 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 78 Resp: 335048

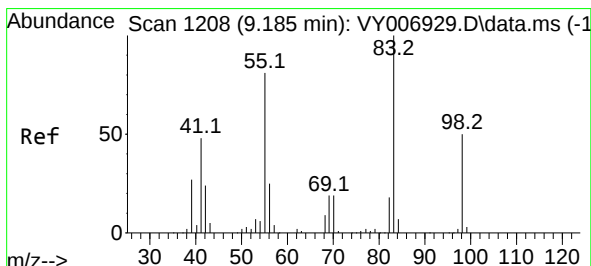
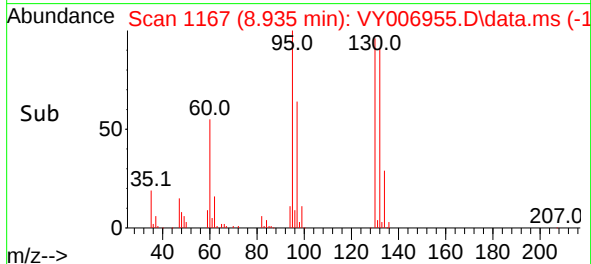
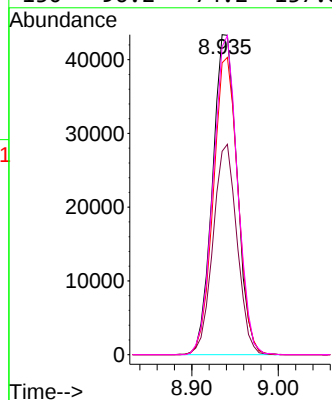
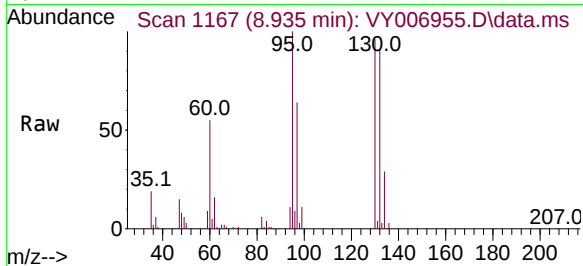




#34
Trichloroethene
Concen: 28.677 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

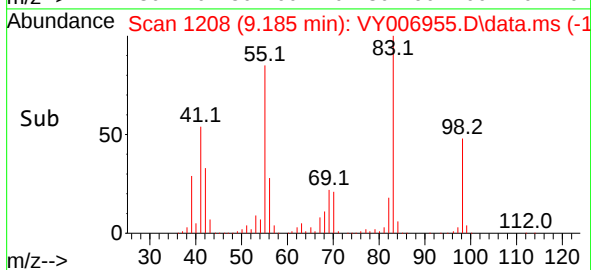
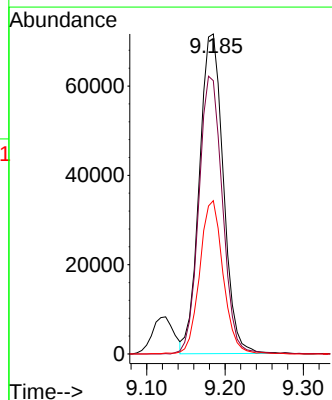
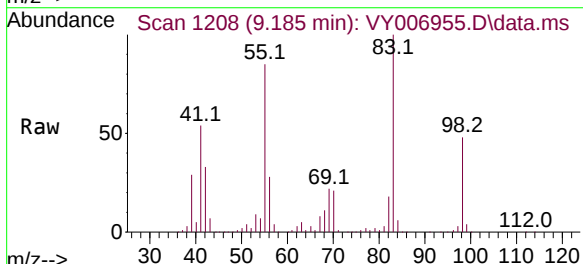
Instrument :
MSVOA_Y
ClientSampleId :

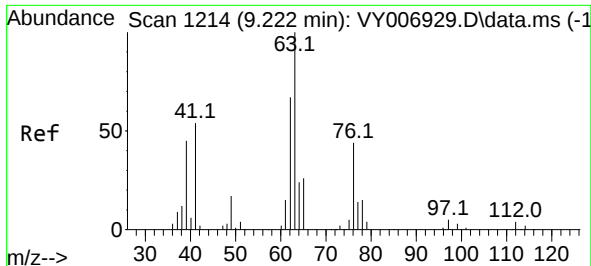
Tgt Ion:	95	Resp:	85314
Ion	Ratio	Lower	Upper
95	100		
97	63.6	47.3	87.8
132	91.2	71.3	132.5
130	96.2	74.2	137.8



#35
Methylcyclohexane
Concen: 28.512 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion:	83	Resp:	151994
Ion	Ratio	Lower	Upper
83	100		
55	85.8	62.6	94.0
98	46.7	39.1	58.7





#37

1,2-Dichloropropane

Concen: 29.536 ug/L

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

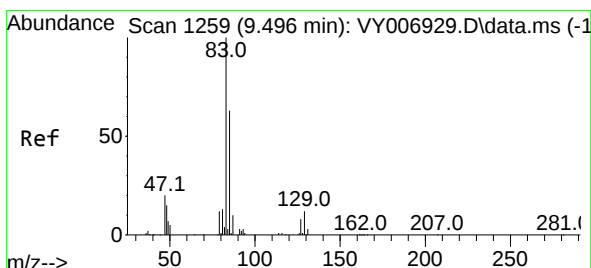
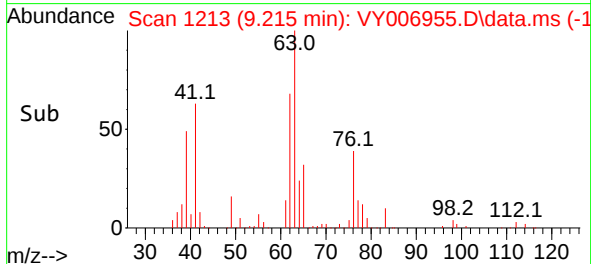
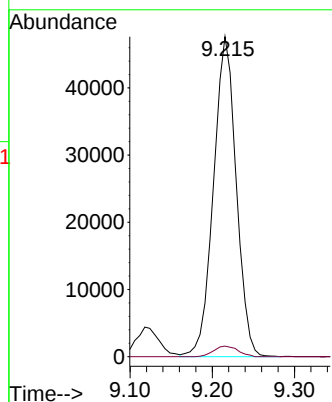
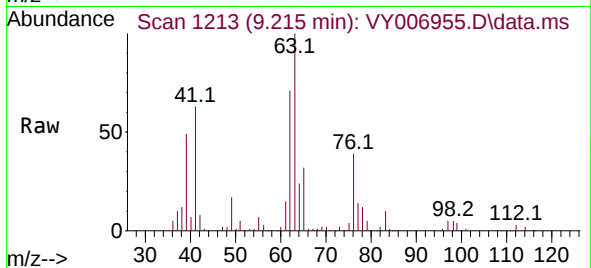
ClientSampleId :

Tgt Ion: 63 Resp: 91450

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.2



#38

Bromodichloromethane

Concen: 28.679 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

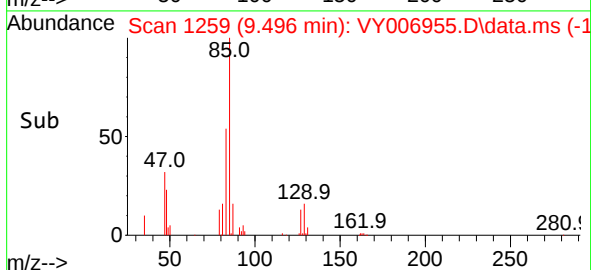
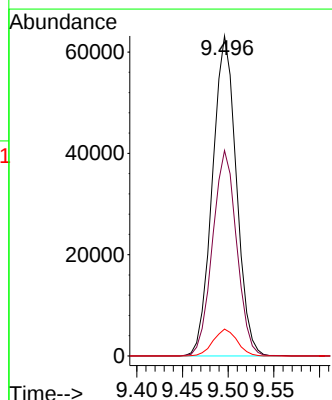
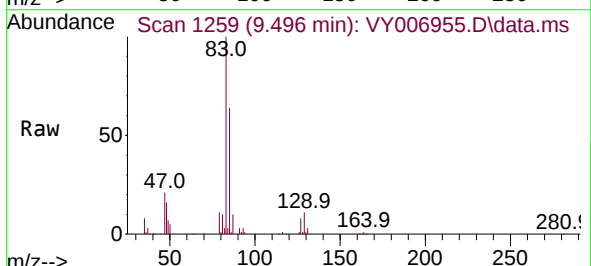
Tgt Ion: 83 Resp: 115044

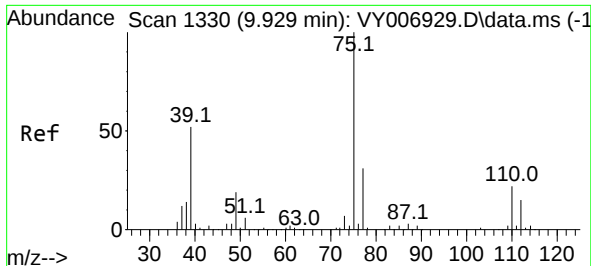
Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 29.259 ug/L

RT: 9.929 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

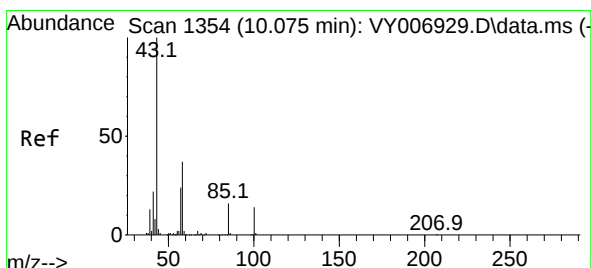
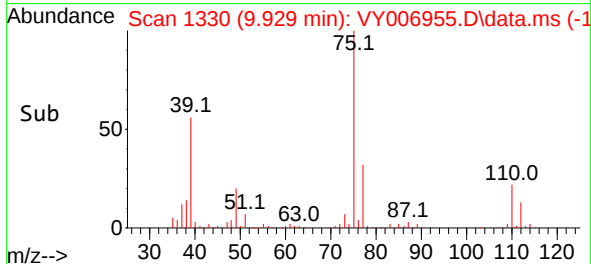
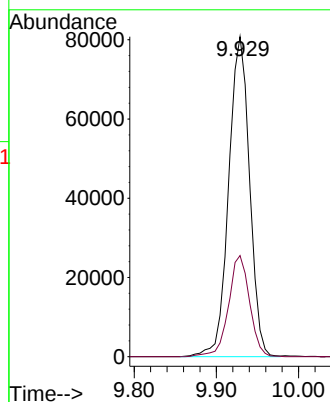
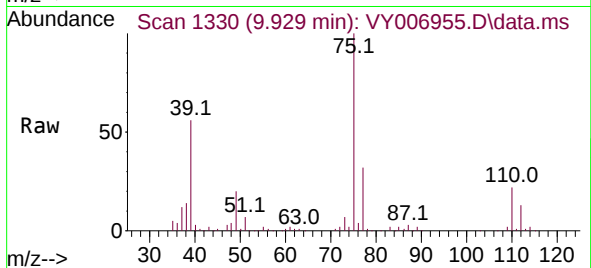
ClientSampleId :

Tgt Ion: 75 Resp: 142205

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.943 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

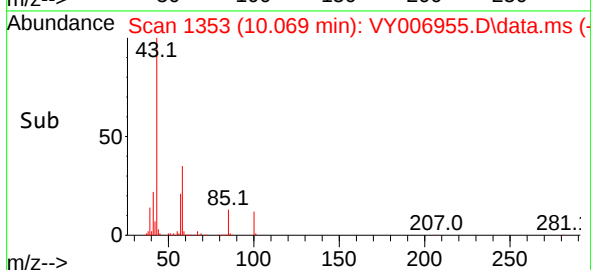
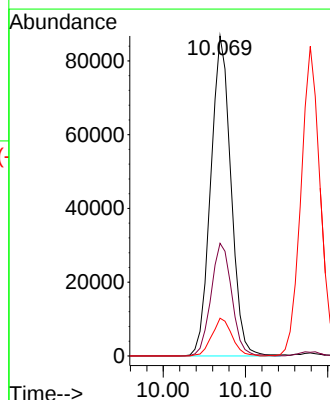
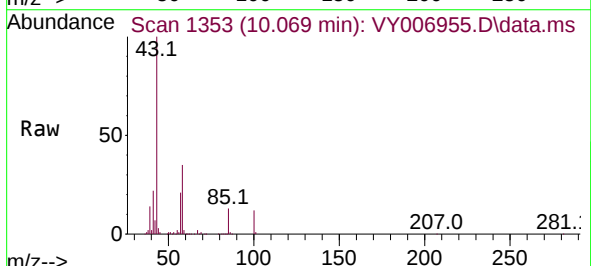
Tgt Ion: 43 Resp: 148374

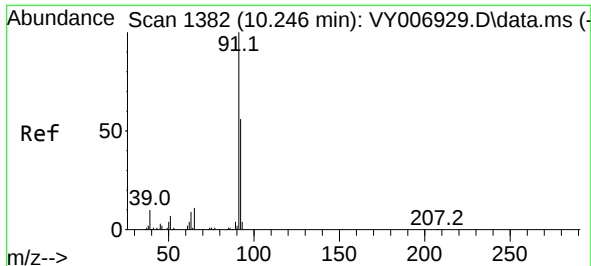
Ion Ratio Lower Upper

43 100

58 35.9 28.6 43.0

100 11.8 11.1 16.7

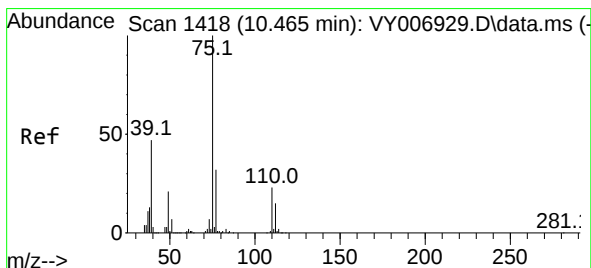
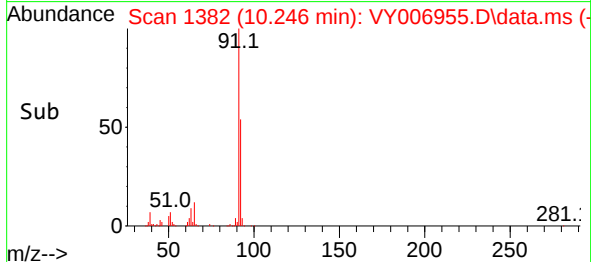
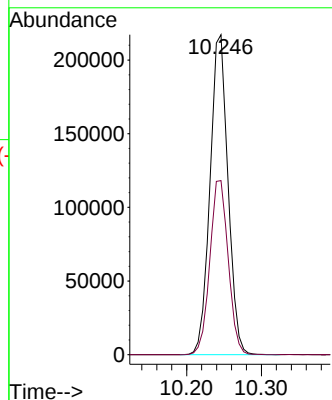
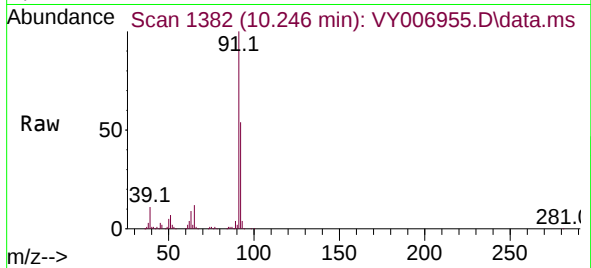




#42
Toluene
Concen: 28.141 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

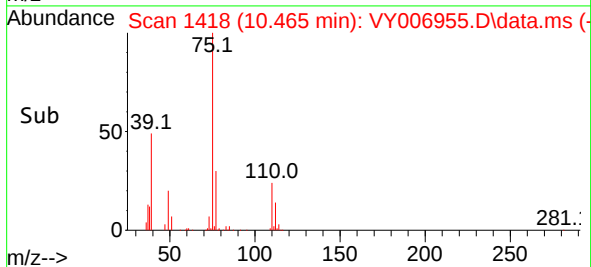
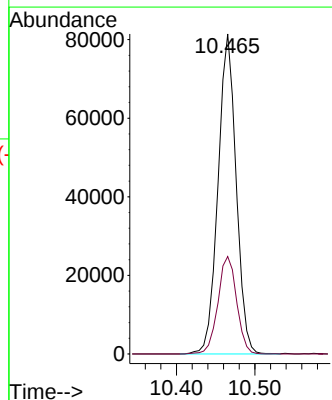
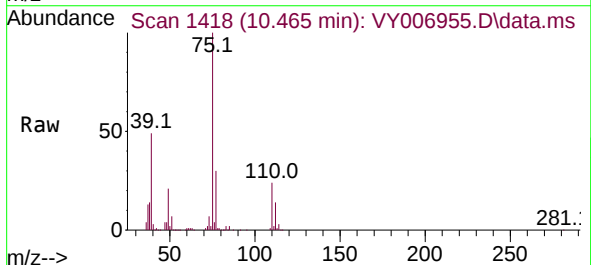
Instrument :
MSVOA_Y
ClientSampleId :

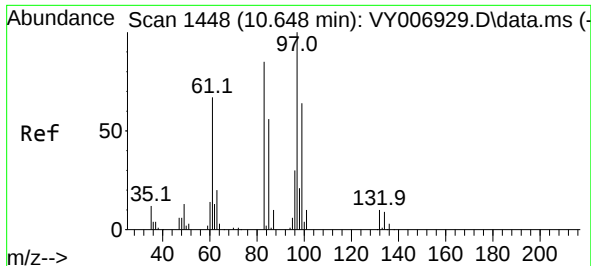
Tgt Ion: 91 Resp: 362616
Ion Ratio Lower Upper
91 100
92 54.4 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 28.846 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 75 Resp: 131015
Ion Ratio Lower Upper
75 100
77 30.5 22.6 42.0

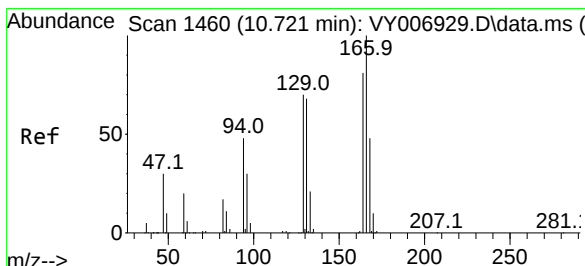
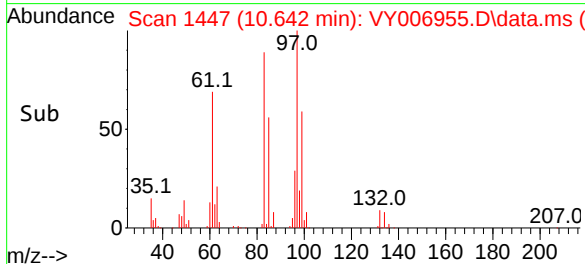
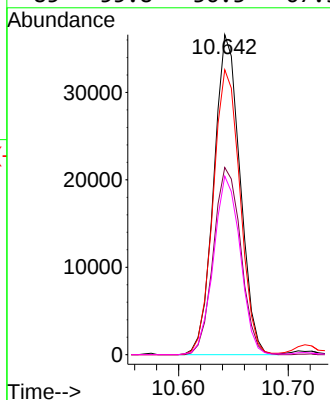
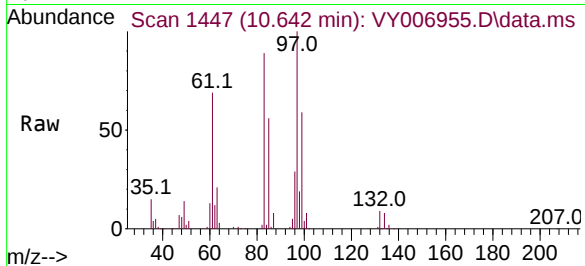




#45
1,1,2-Trichloroethane
Concen: 26.664 ug/L
RT: 10.642 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

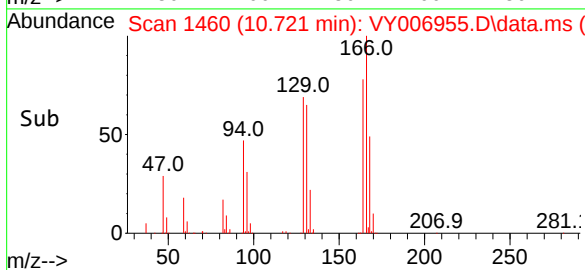
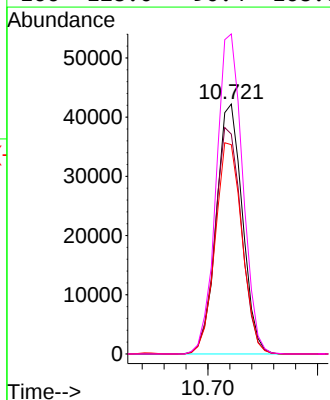
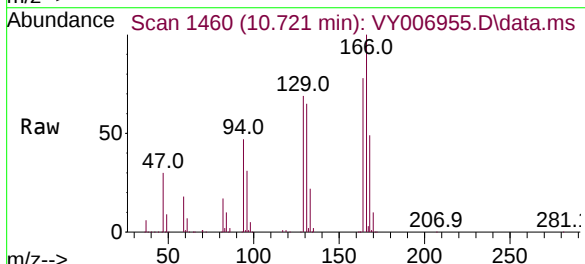
Instrument :
MSVOA_Y
ClientSampleId :

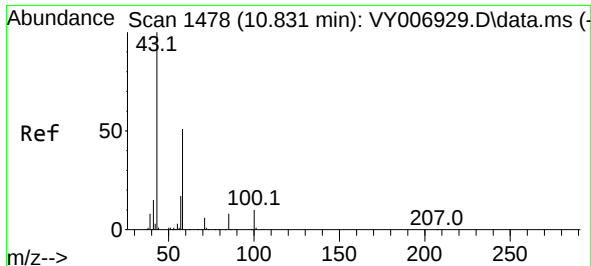
Tgt Ion: 97	Resp: 60824
Ion Ratio	Lower Upper
97 100	
99 58.5	43.0 79.8
83 89.0	58.9 109.3
85 55.8	36.3 67.3



#46
Tetrachloroethene
Concen: 28.063 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

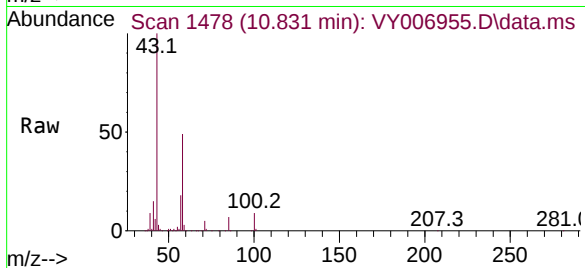
Tgt	Ion:164	Resp:	69948
Ion	Ratio	Lower	Upper
164	100		
129	87.9	62.1	115.3
131	83.7	61.0	113.2
166	128.0	90.4	168.0



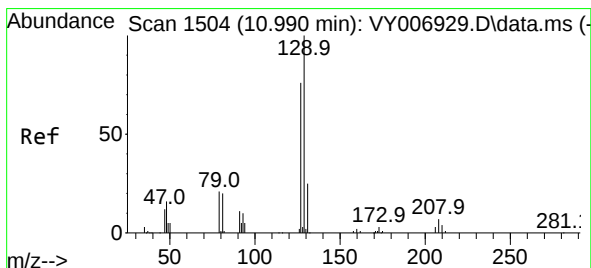
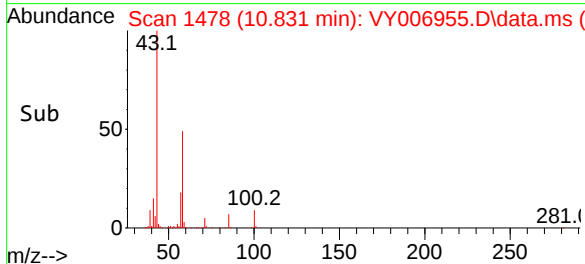
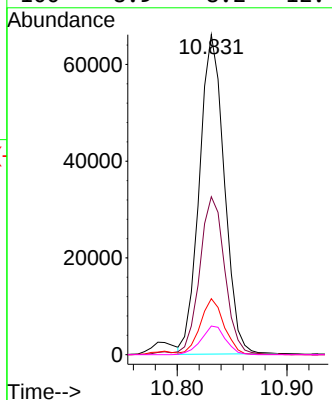


#48
2-Hexanone
Concen: 58.429 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Instrument :
MSVOA_Y
ClientSampleId :

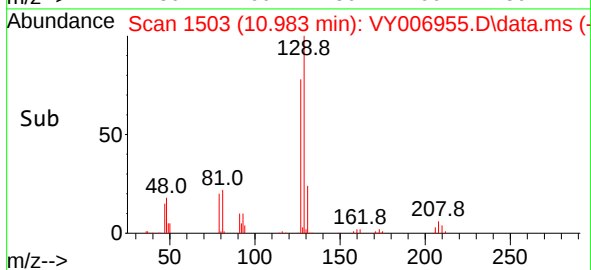
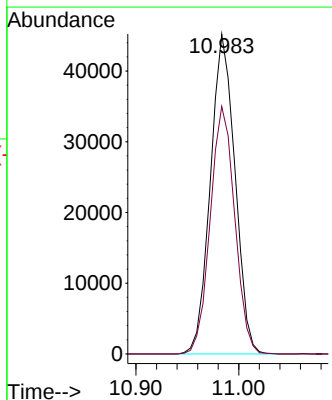
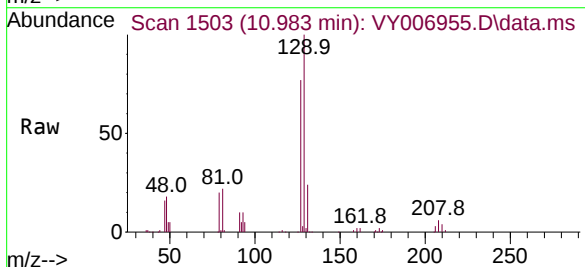


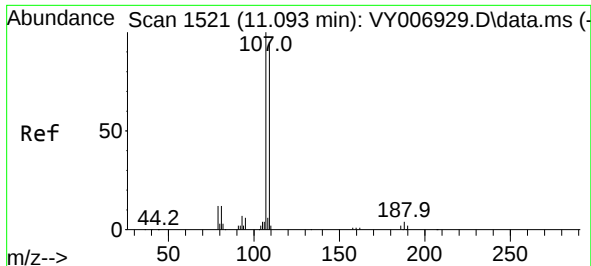
Tgt Ion: 43 Resp: 104128
Ion Ratio Lower Upper
43 100
58 49.9 39.9 59.9
57 16.8 14.2 21.4
100 8.9 8.2 12.4



#49
Dibromochloromethane
Concen: 27.011 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 129 Resp: 74987
Ion Ratio Lower Upper
129 100
127 77.3 52.1 96.9





#50

1,2-Dibromoethane

Concen: 26.870 ug/L

RT: 11.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

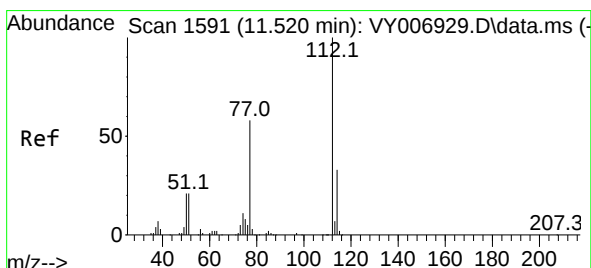
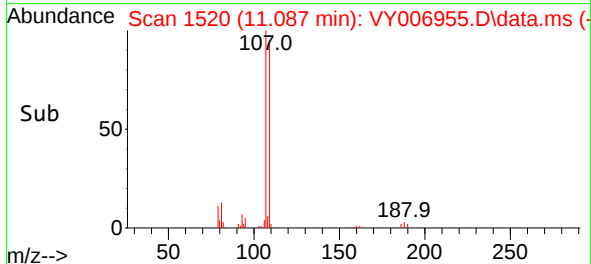
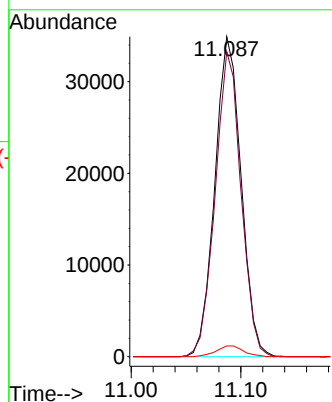
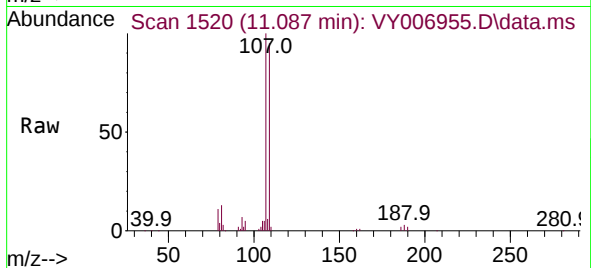
Tgt Ion:107 Resp: 58010

Ion Ratio Lower Upper

107 100

109 95.3 65.2 121.0

188 3.3 3.1 4.7



#51

Chlorobenzene

Concen: 27.460 ug/L

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

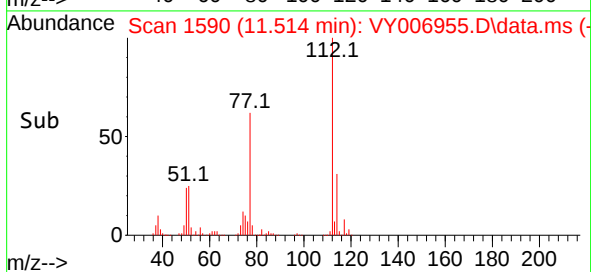
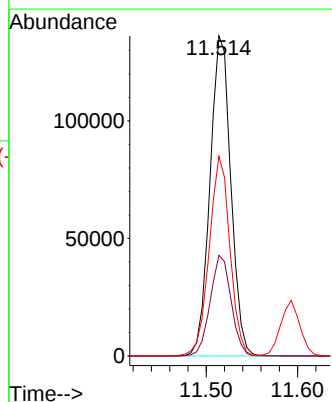
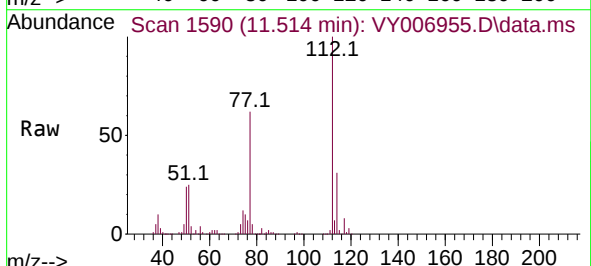
Tgt Ion:112 Resp: 215810

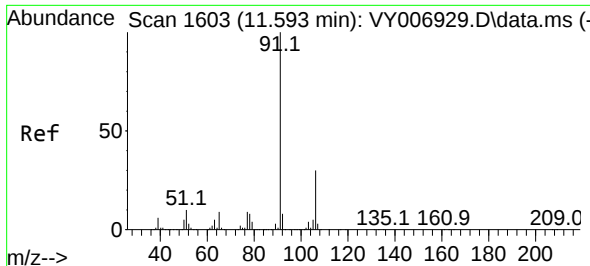
Ion Ratio Lower Upper

112 100

114 31.4 22.2 41.2

77 62.4 47.6 71.4

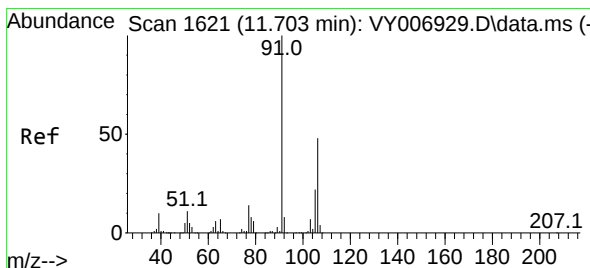
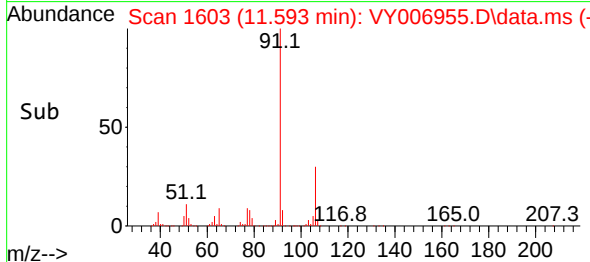
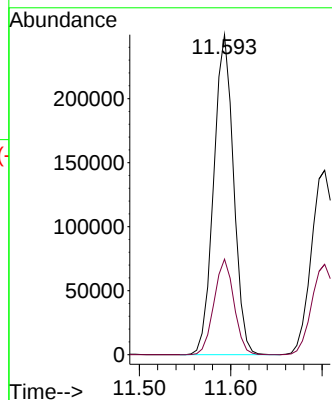
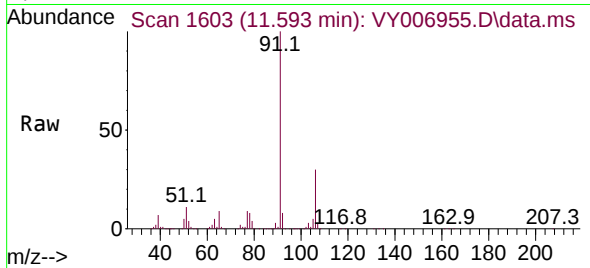




#52
Ethylbenzene
Concen: 27.220 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

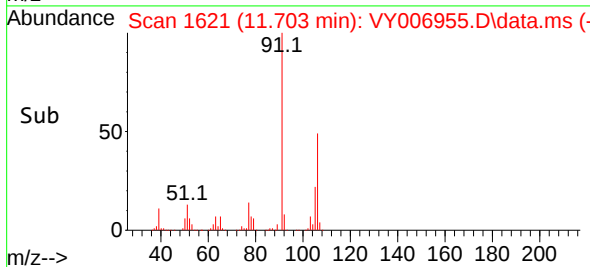
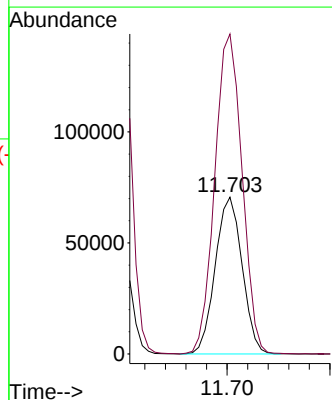
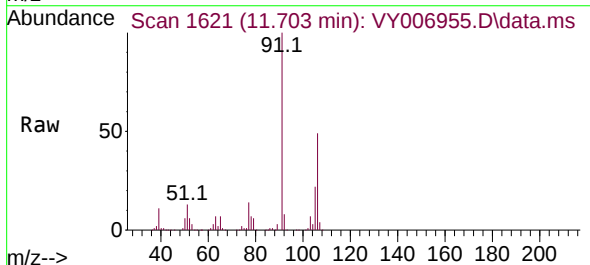
Instrument :
MSVOA_Y
ClientSampleId :

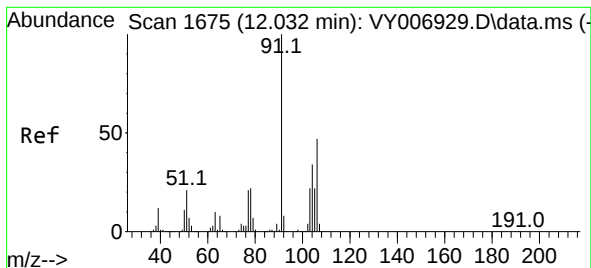
Tgt Ion: 91 Resp: 377020
Ion Ratio Lower Upper
91 100
106 29.9 21.4 39.8



#53
m,p-Xylene
Concen: 24.471 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion: 106 Resp: 128218
Ion Ratio Lower Upper
106 100
91 204.1 144.7 268.7





#54

o-Xylene

Concen: 23.934 ug/L

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

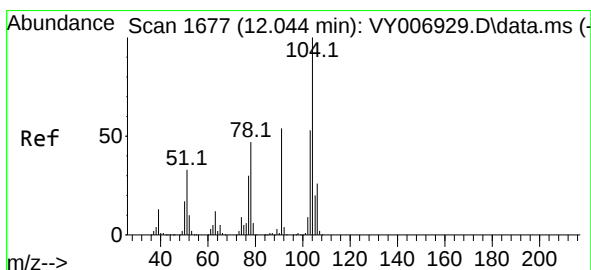
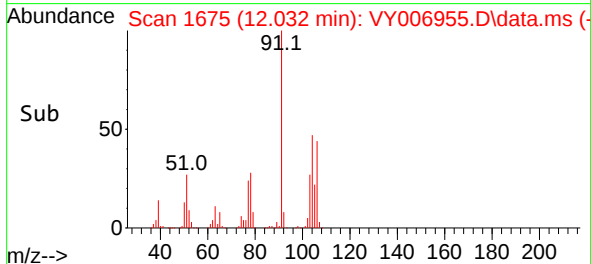
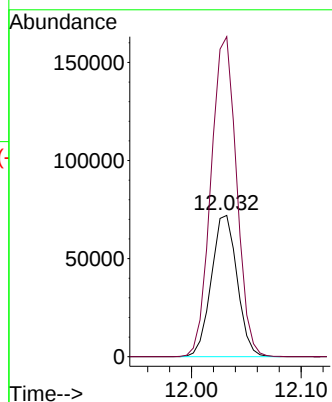
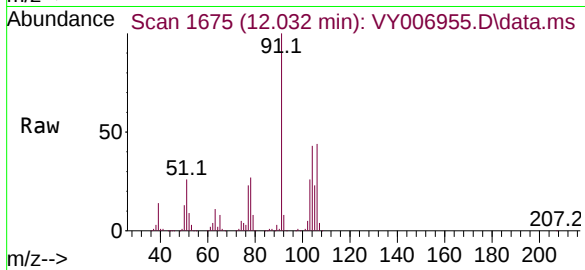
ClientSampleId :

Tgt Ion:106 Resp: 117968

Ion Ratio Lower Upper

106 100

91 226.4 155.5 288.7



#55

Styrene

Concen: 24.649 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006955.D

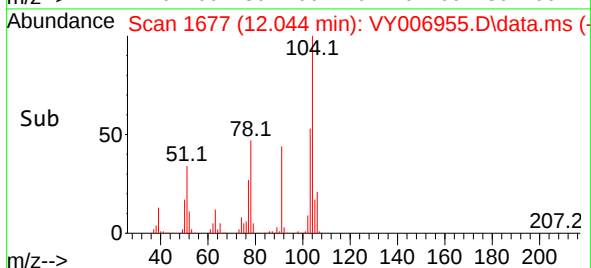
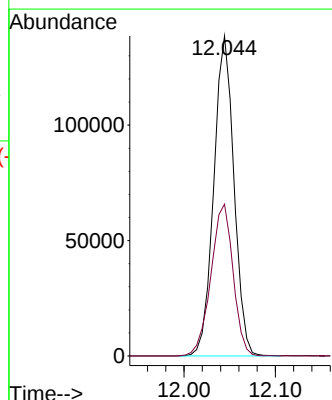
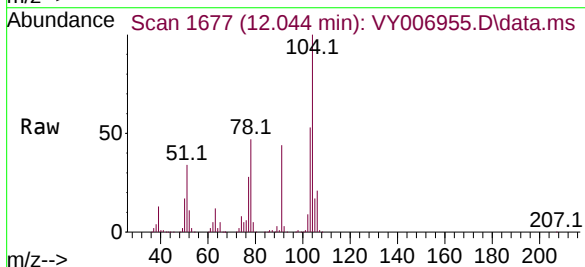
Acq: 06 Dec 2021 12:16

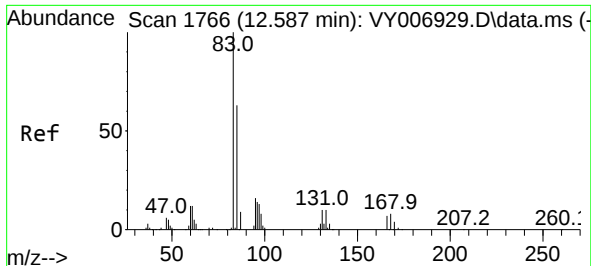
Tgt Ion:104 Resp: 212561

Ion Ratio Lower Upper

104 100

78 47.5 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 24.716 ug/L

RT: 12.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

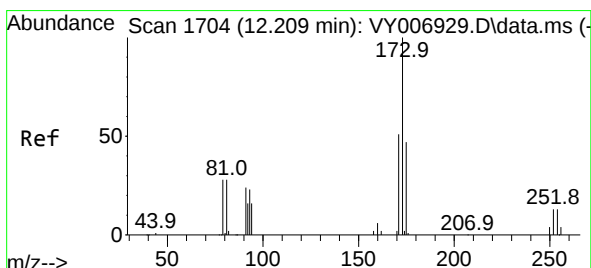
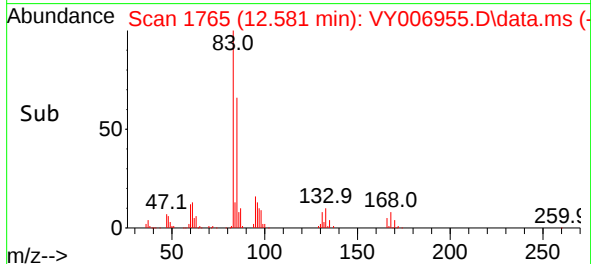
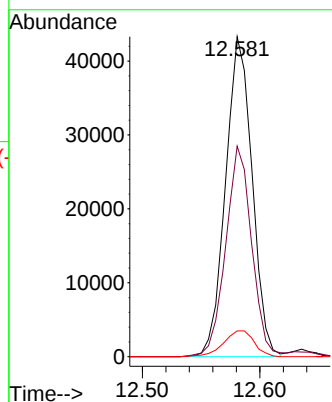
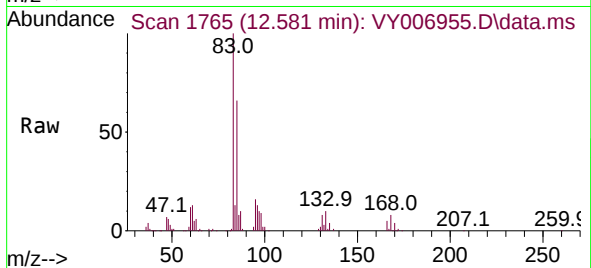
Tgt Ion: 83 Resp: 68030

Ion Ratio Lower Upper

83 100

85 65.8 45.4 84.2

131 8.0 7.8 11.8



#59

Bromoform

Concen: 25.245 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

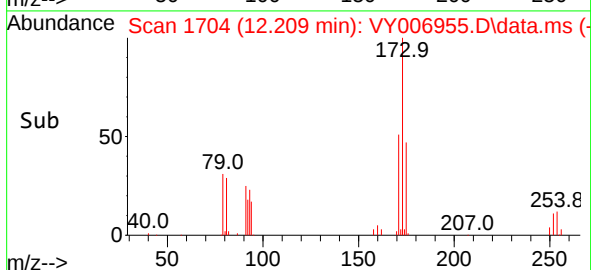
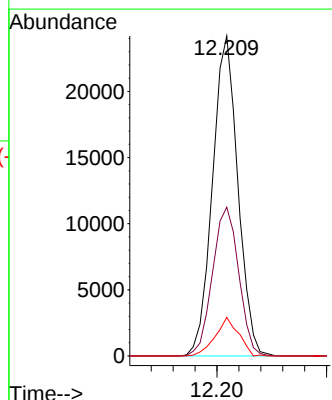
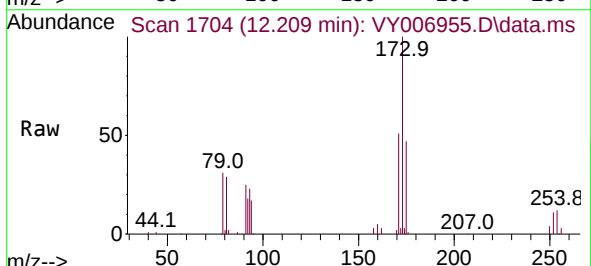
Tgt Ion:173 Resp: 38858

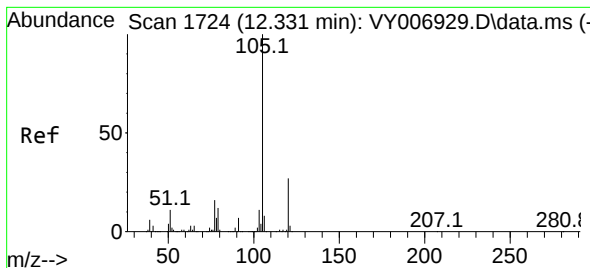
Ion Ratio Lower Upper

173 100

175 48.0 38.6 58.0

254 11.0 10.3 15.5





#60

Isopropylbenzene

Concen: 28.615 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

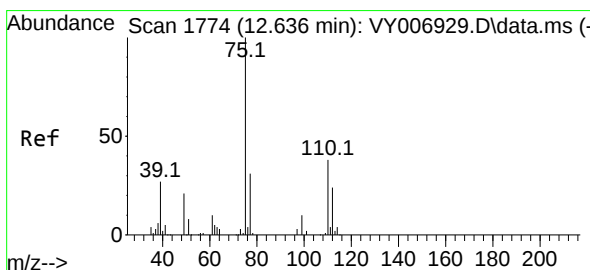
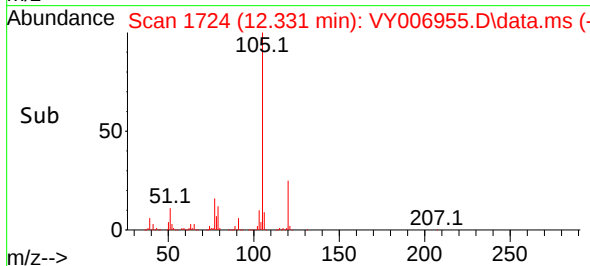
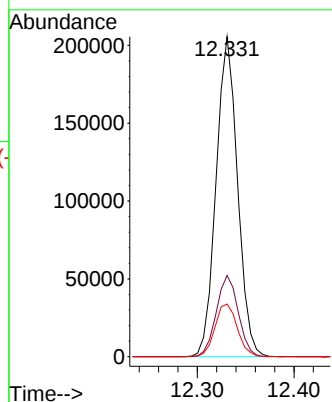
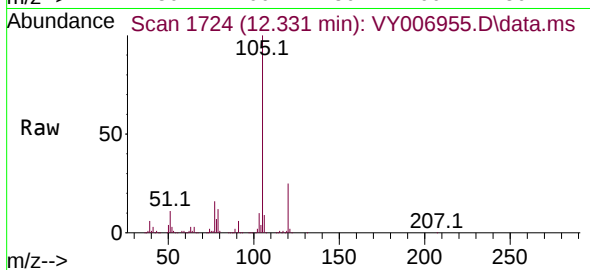
Tgt Ion:105 Resp: 316039

Ion Ratio Lower Upper

105 100

120 26.0 21.2 31.8

77 17.1 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 27.342 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

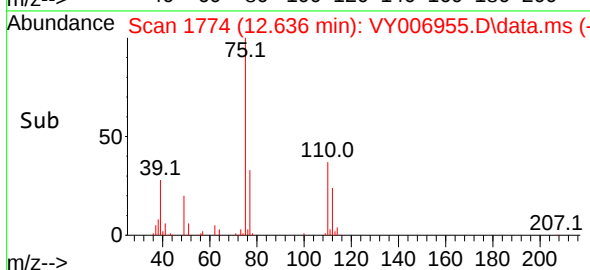
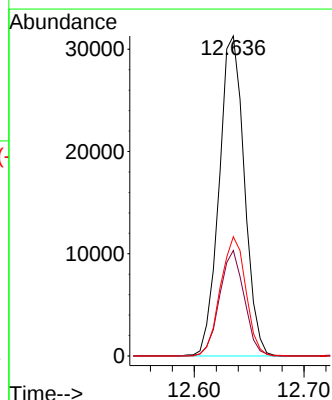
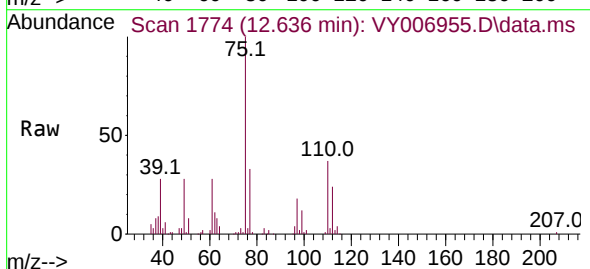
Tgt Ion: 75 Resp: 50159

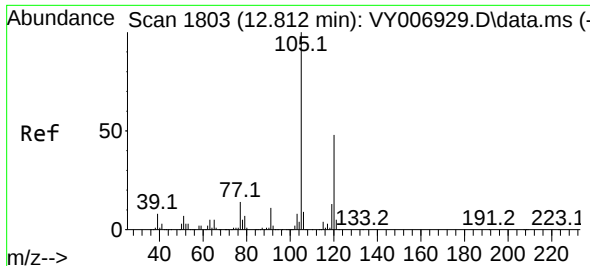
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 37.4 31.7 47.5

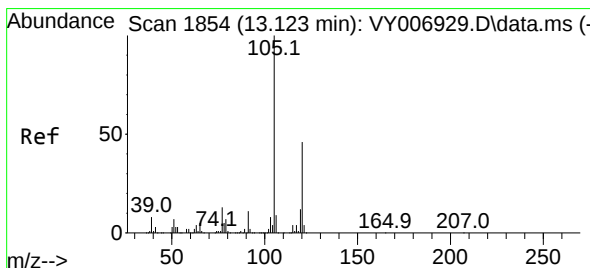
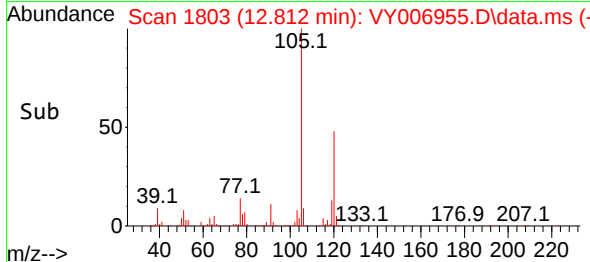
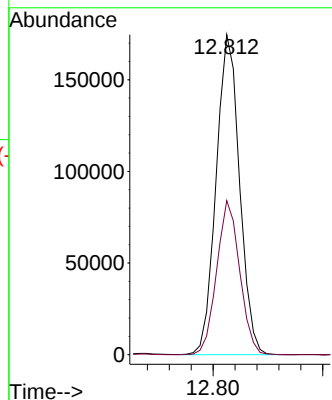
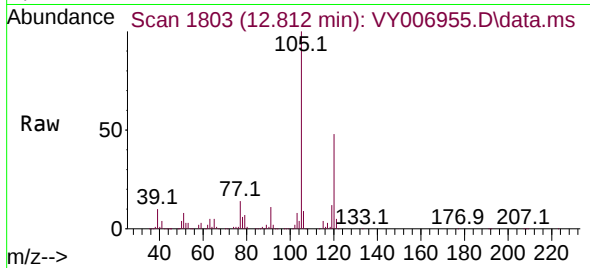




#62
 1,3,5-Trimethylbenzene
 Concen: 28.506 ug/L
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

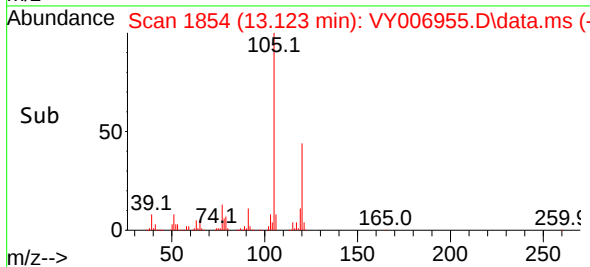
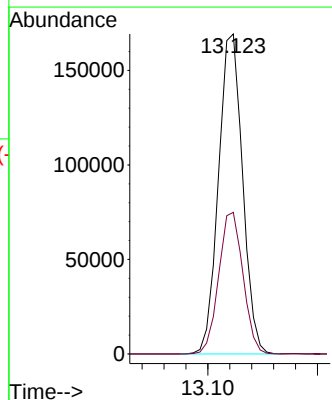
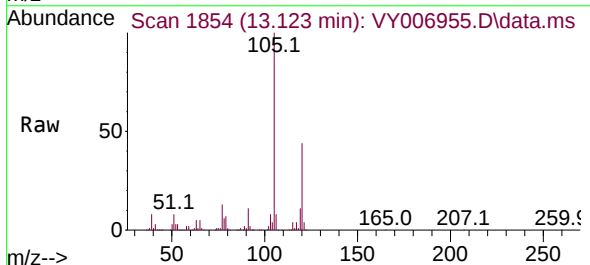
Instrument :
 MSVOA_Y
 ClientSampleId :

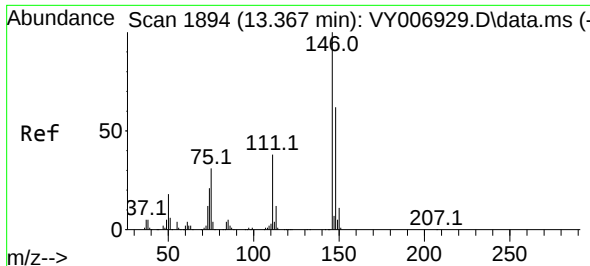
Tgt Ion:105 Resp: 258861
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.0 58.4



#63
 1,2,4-Trimethylbenzene
 Concen: 29.106 ug/L
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY006955.D
 Acq: 06 Dec 2021 12:16

Tgt Ion:105 Resp: 258529
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.0 54.0

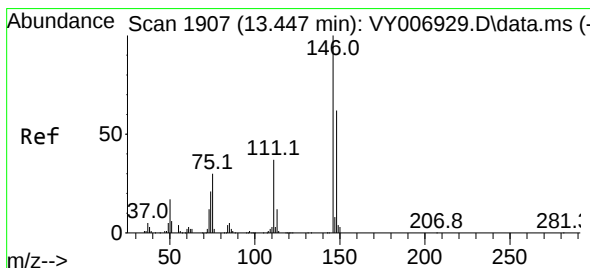
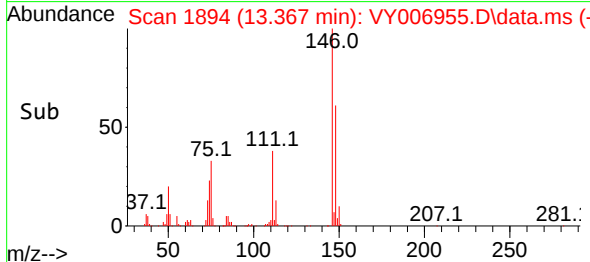
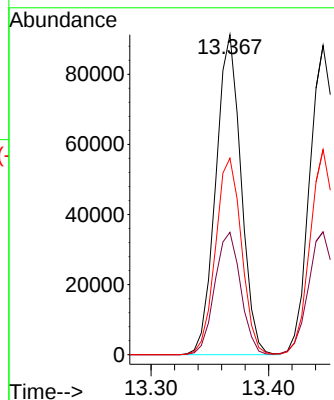
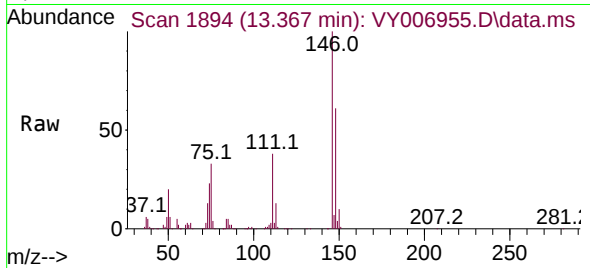




#64
1,3-Dichlorobenzene
Concen: 27.455 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

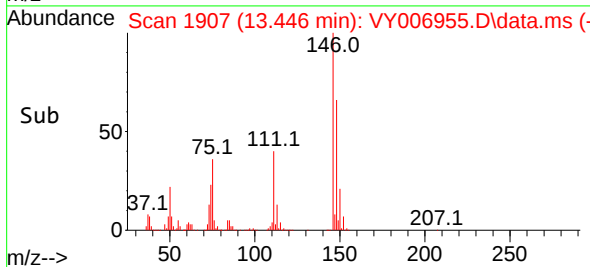
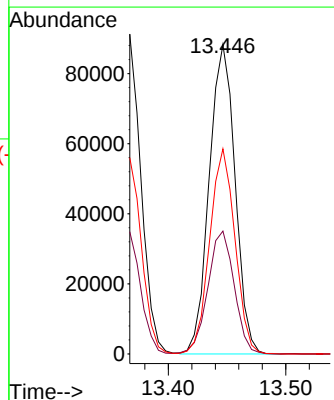
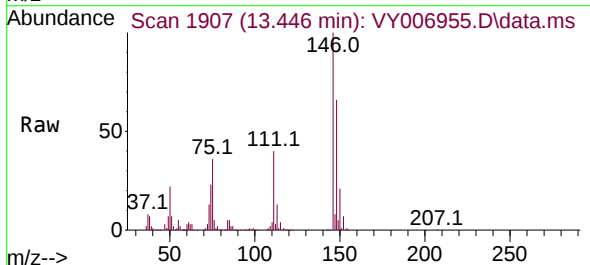
Instrument :
MSVOA_Y
ClientSampleId :

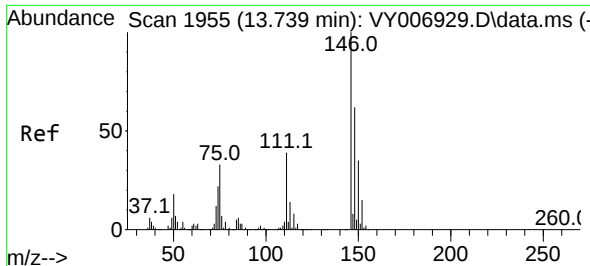
Tgt Ion:146 Resp: 136471
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 61.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 26.689 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006955.D
Acq: 06 Dec 2021 12:16

Tgt Ion:146 Resp: 135187
Ion Ratio Lower Upper
146 100
111 39.7 25.3 46.9
148 66.4 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 26.737 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

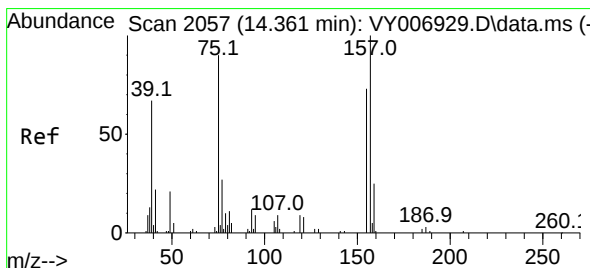
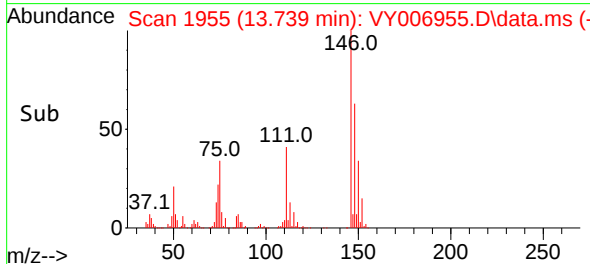
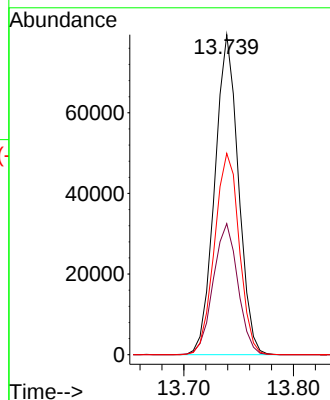
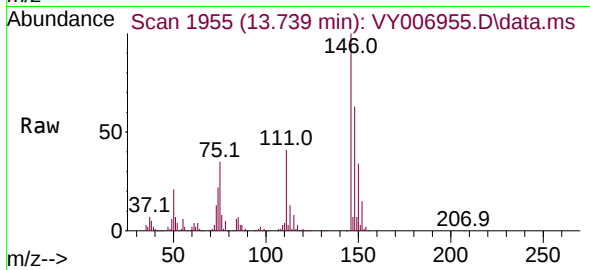
Tgt Ion:146 Resp: 119006

Ion Ratio Lower Upper

146 100

111 41.0 31.0 46.6

148 62.9 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.424 ug/L

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

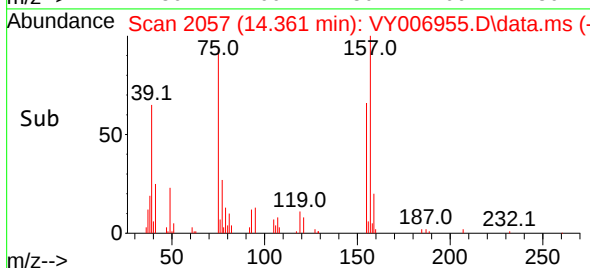
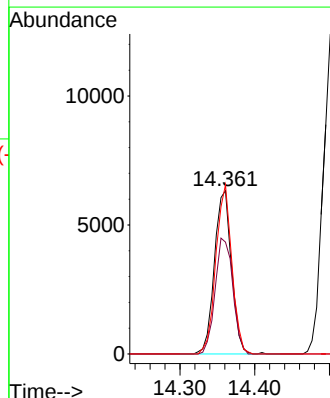
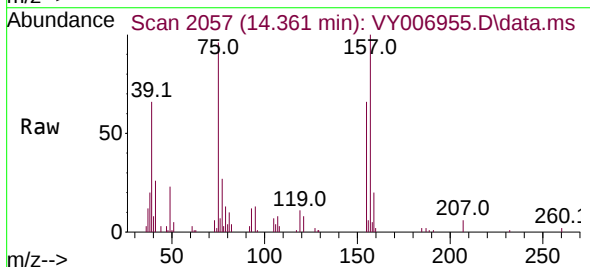
Tgt Ion: 75 Resp: 10043

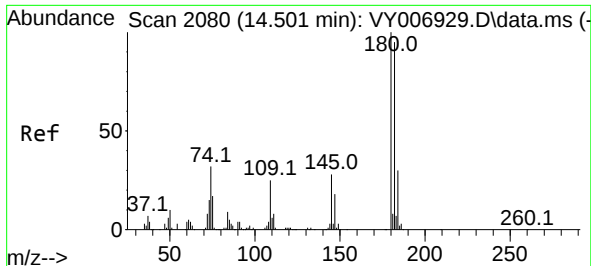
Ion Ratio Lower Upper

75 100

155 68.5 66.3 99.5

157 103.7 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 26.856 ug/L

RT: 14.507 min Scan# 2080

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 90846

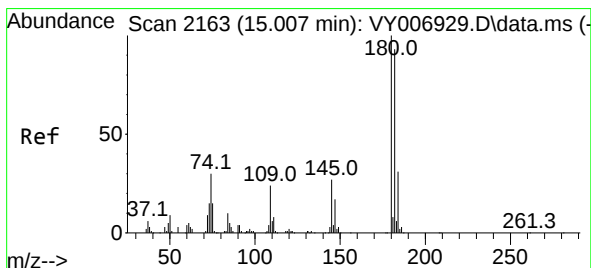
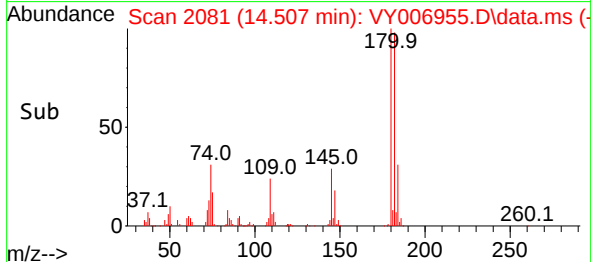
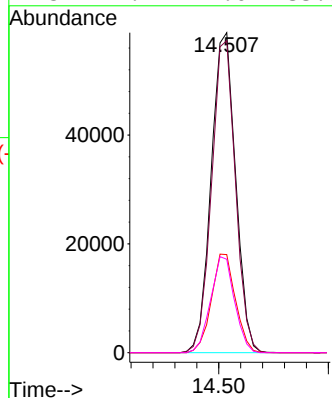
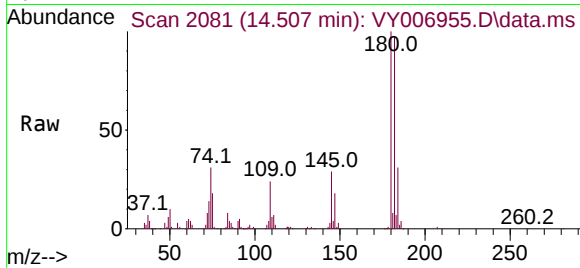
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

184 30.4 24.6 36.8

145 29.4 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 25.637 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

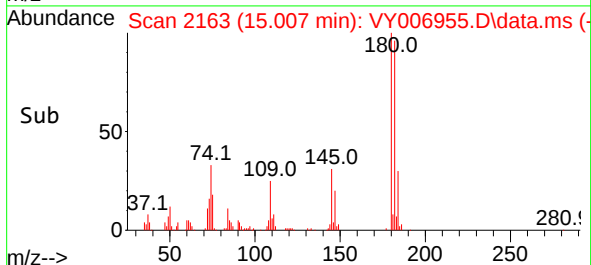
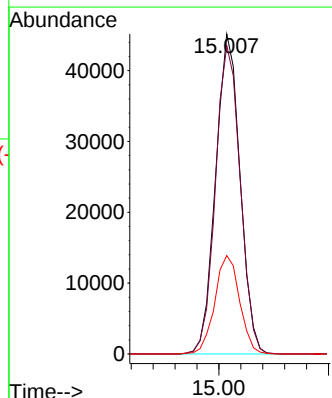
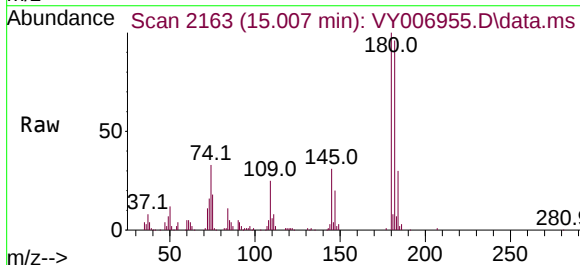
Tgt Ion:180 Resp: 69945

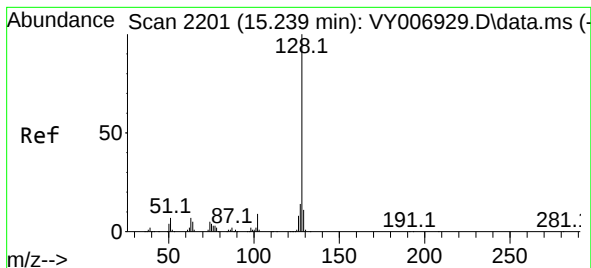
Ion Ratio Lower Upper

180 100

182 97.6 75.6 113.4

145 31.2 23.0 34.6





#71

Naphthalene

Concen: 25.741 ug/L

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Instrument :

MSVOA_Y

ClientSampleId :

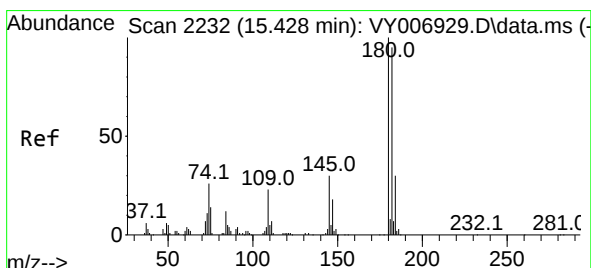
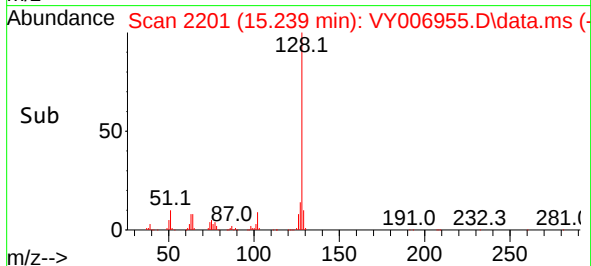
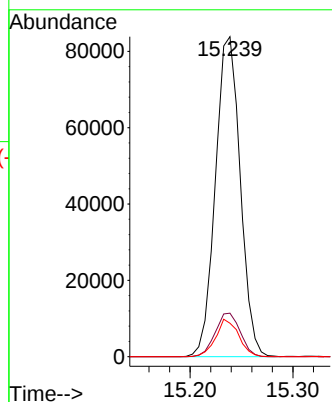
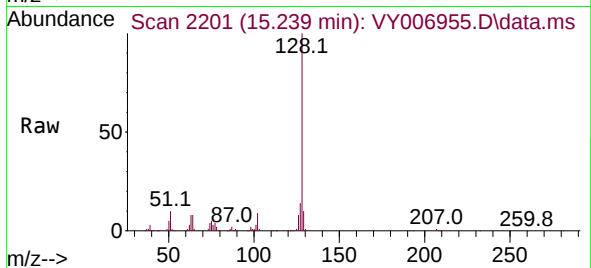
Tgt Ion:128 Resp: 140726

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.652 ug/L

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY006955.D

Acq: 06 Dec 2021 12:16

Tgt Ion:180 Resp: 59138

Ion Ratio Lower Upper

180 100

182 94.6 75.5 113.3

145 30.8 23.5 35.3

