

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007710.D
 Acq On : 03 Mar 2022 17:28
 Operator : SY/MD
 Sample : N1759-08
 Misc : 6.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LINE-3-4

Quant Time: Mar 04 00:42:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

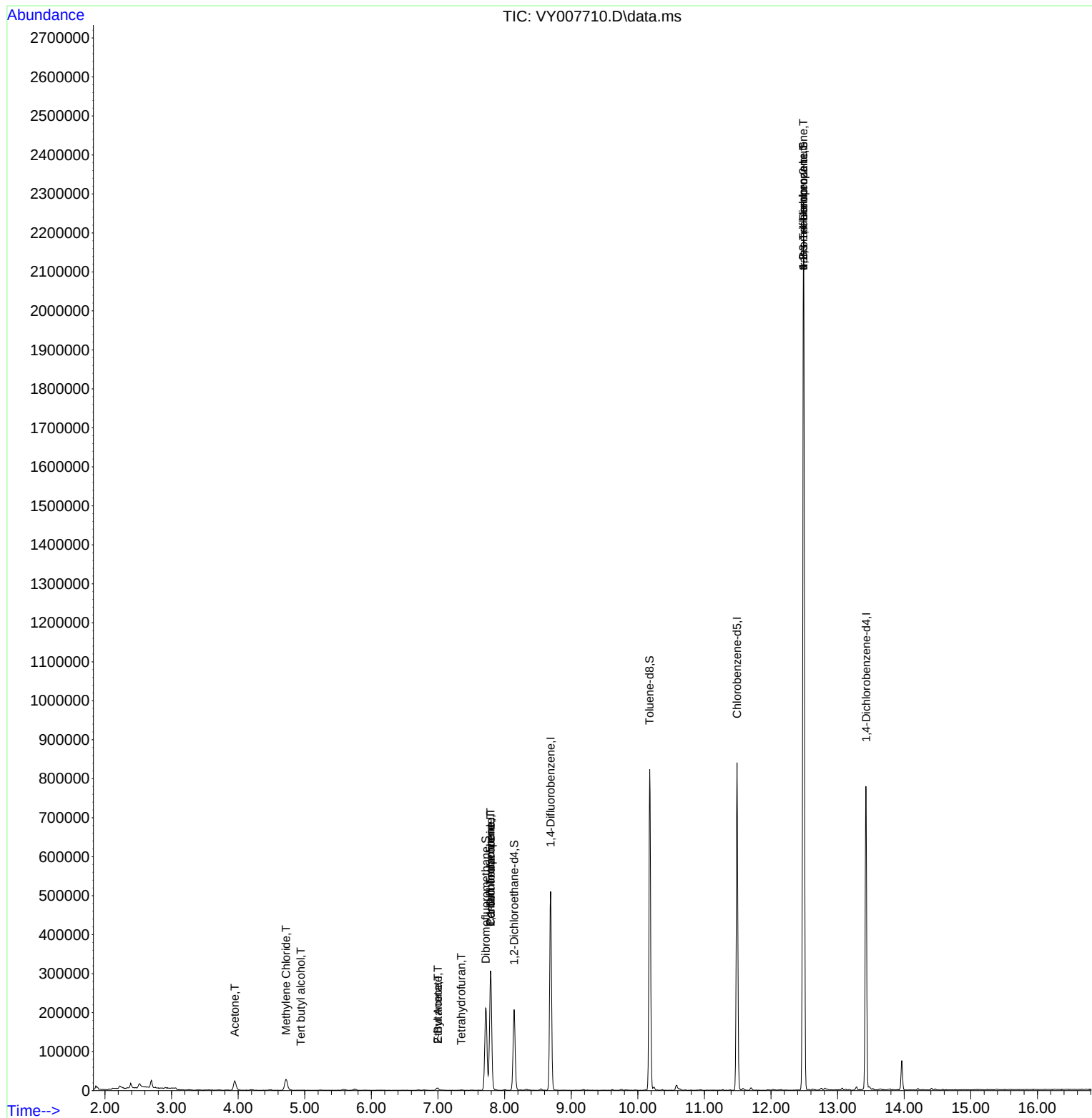
Internal Standards						
1) Pentafluorobenzene	7.789	168	237775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	433413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156340	62.805	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 125.620%		
35) Dibromofluoromethane	7.716	113	149089	53.804	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.600%		
50) Toluene-d8	10.179	98	546593	53.588	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.180%		
62) 4-Bromofluorobenzene	12.483	95	189835	57.737	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 115.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	28	Below Cal	#	43
3) Chloromethane	2.113	50	1309	Below Cal		89
11) Tert butyl alcohol	4.942	59	643	2.983	ug/l #	77
13) Acrolein	3.747	56	308	Below Cal	#	14
16) Acetone	3.948	43	42395	83.720	ug/l #	81
17) Carbon Disulfide	4.192	76	2376	Below Cal	#	75
18) Methyl Acetate	4.473	43	1296	Below Cal		92
20) Methylene Chloride	4.716	84	20335	4.400	ug/l #	82
25) 2-Butanone	6.996	43	8975	10.565	ug/l #	71
29) Tetrahydrofuran	7.350	42	715	1.230	ug/l #	60
31) Cyclohexane	7.789	56	5759	Below Cal	#	53
36) 1,1-Dichloropropene	7.789	75	17861	4.098	ug/l #	51
37) Ethyl Acetate	6.996	43	8975	3.728	ug/l #	72
38) Carbon Tetrachloride	7.789	117	23822	5.123	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	117458	53.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	117458	108.637	ug/l #	9

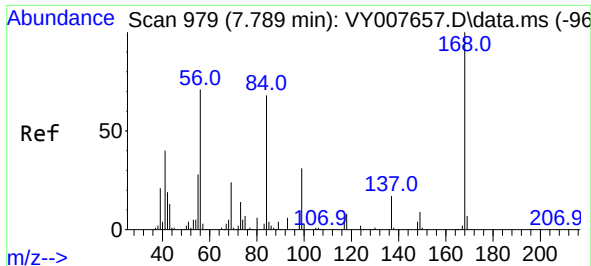
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007710.D
Acq On : 03 Mar 2022 17:28
Operator : SY/MD
Sample : N1759-08
Misc : 6.66g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

Quant Time: Mar 04 00:42:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

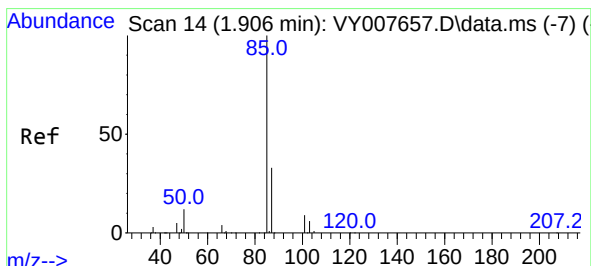
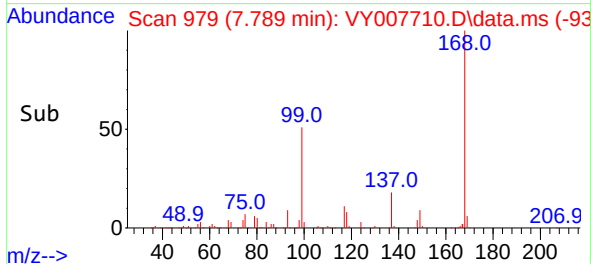
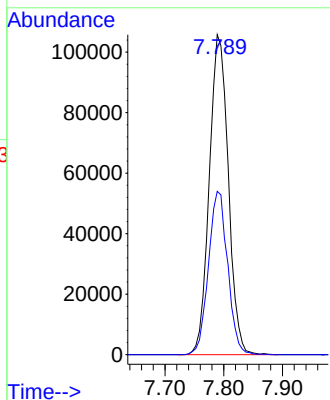
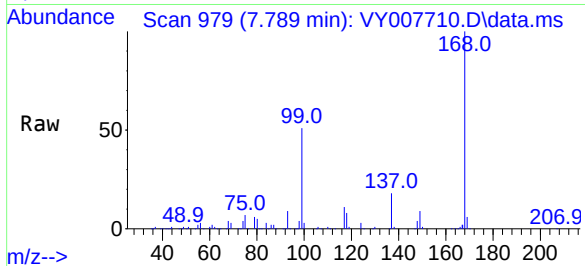




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

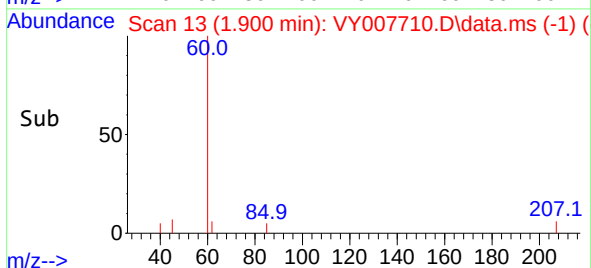
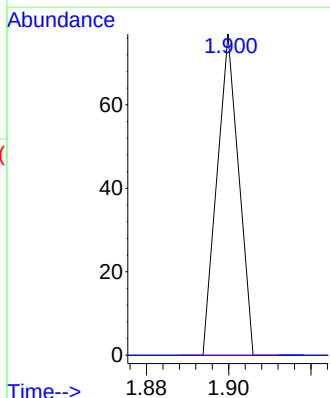
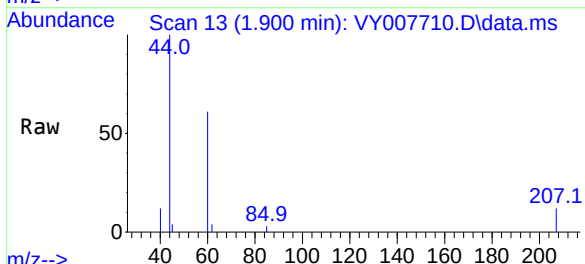
Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

Tgt Ion:168 Resp: 237775
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3

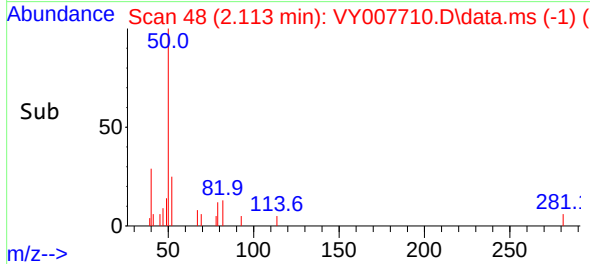
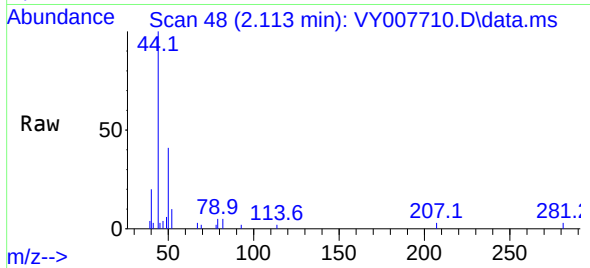
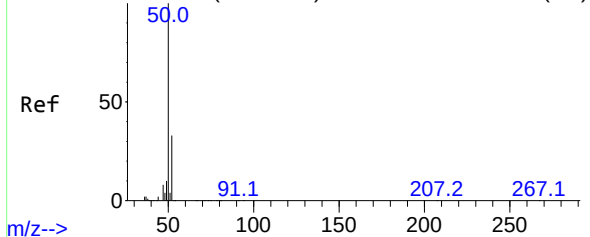


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 85 Resp: 28
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

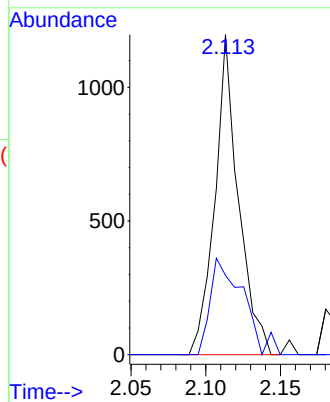
LINE-3-4

Tgt Ion: 50 Resp: 1309

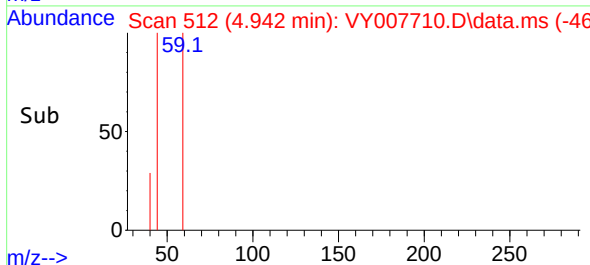
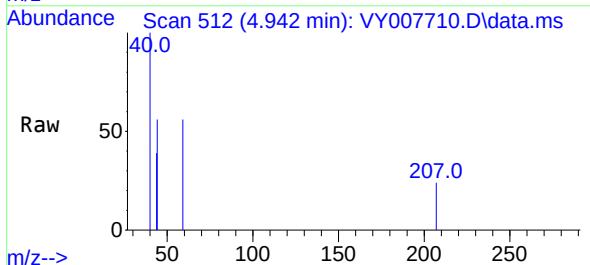
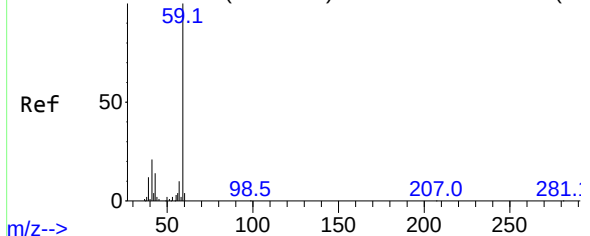
Ion Ratio Lower Upper

50 100

52 24.8 24.6 37.0



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 2.983 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.018 min

Lab File: VY007710.D

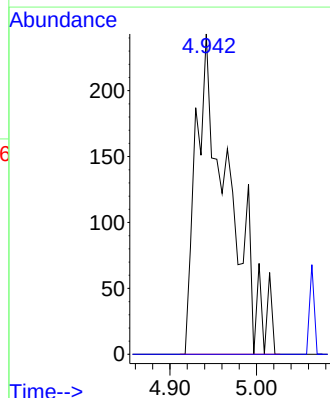
Acq: 03 Mar 2022 17:28

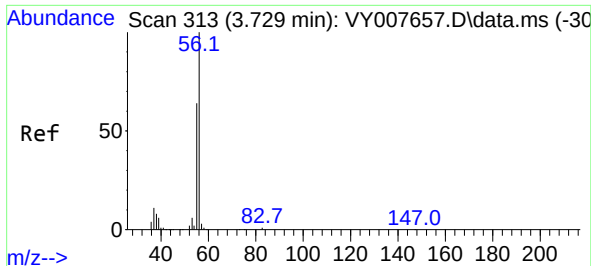
Tgt Ion: 59 Resp: 643

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#





#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 313

Delta R.T. 0.018 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

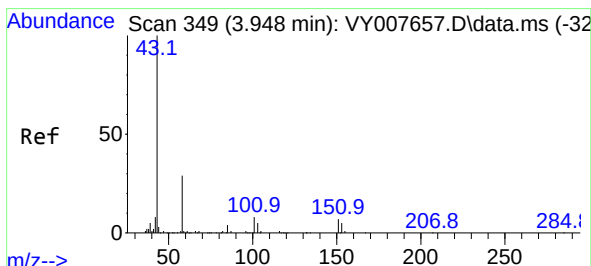
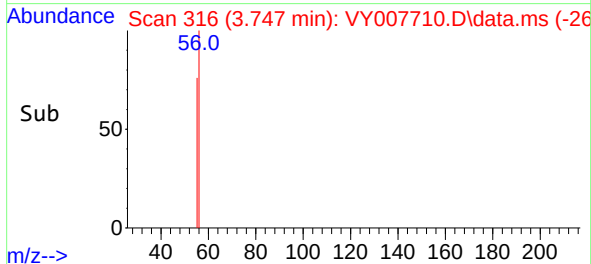
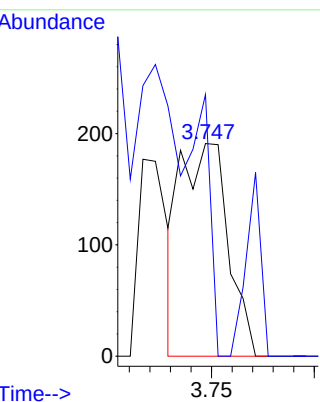
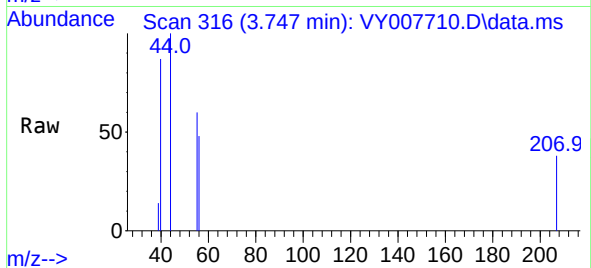
LINE-3-4

Tgt Ion: 56 Resp: 308

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#16

Acetone

Concen: 83.720 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007710.D

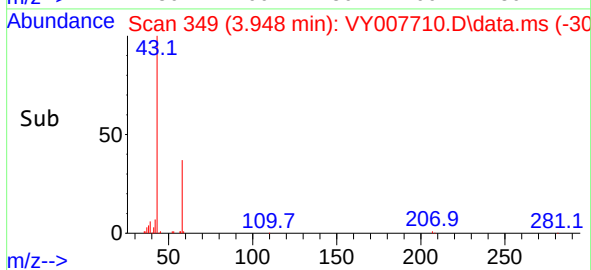
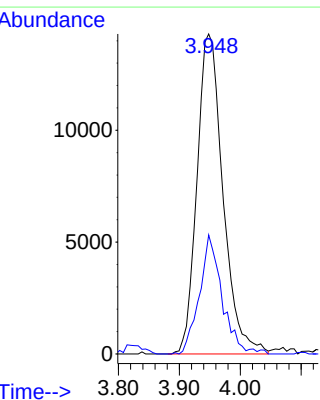
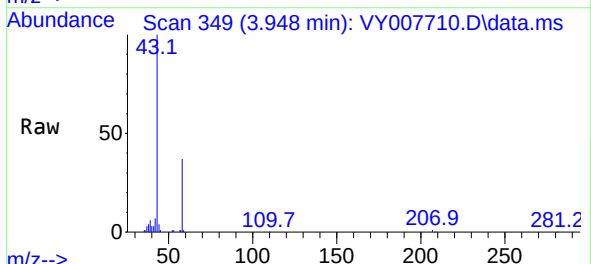
Acq: 03 Mar 2022 17:28

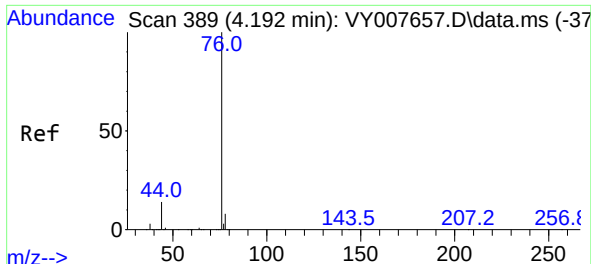
Tgt Ion: 43 Resp: 42395

Ion Ratio Lower Upper

43 100

58 37.2 22.0 33.0#

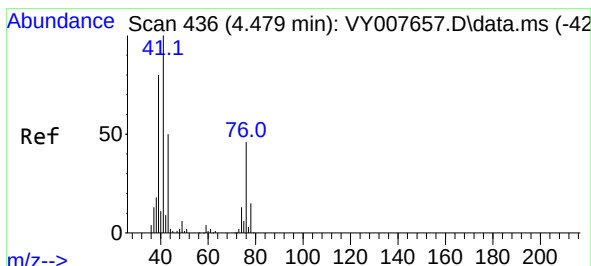
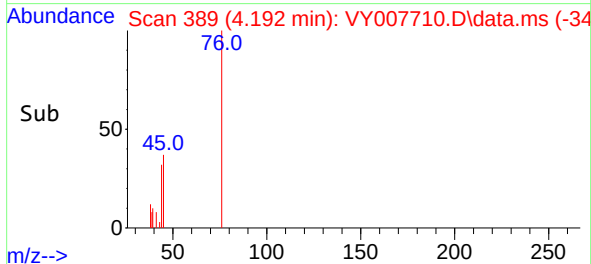
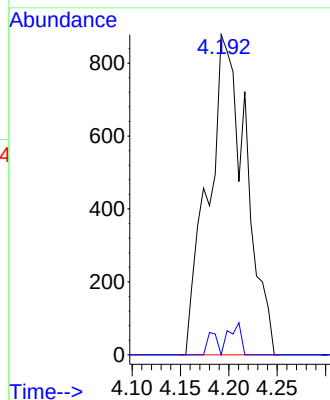
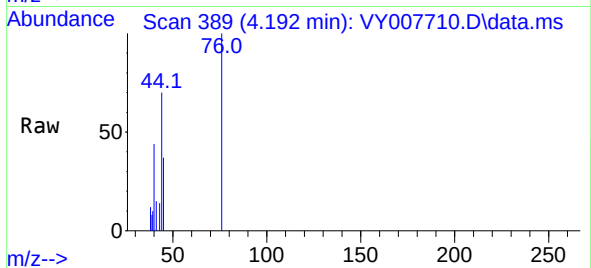




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

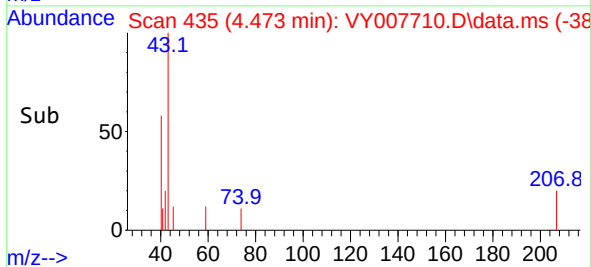
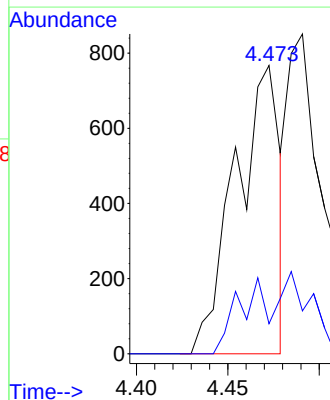
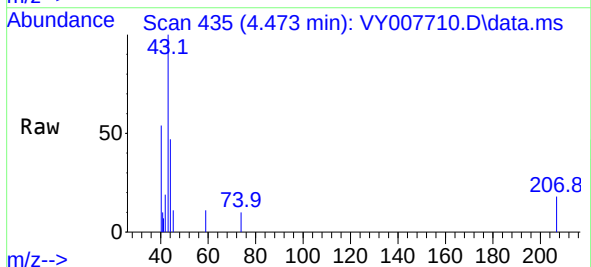
Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

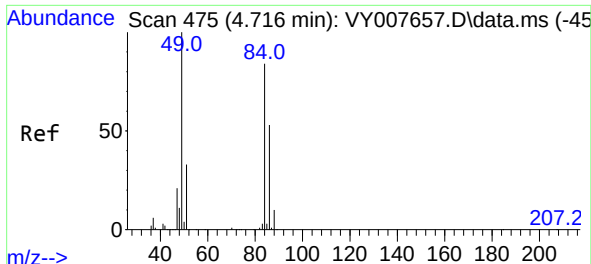
Tgt Ion: 76 Resp: 2376
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
74 16.7 16.6 24.8



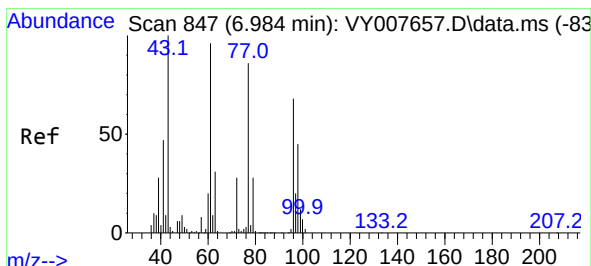
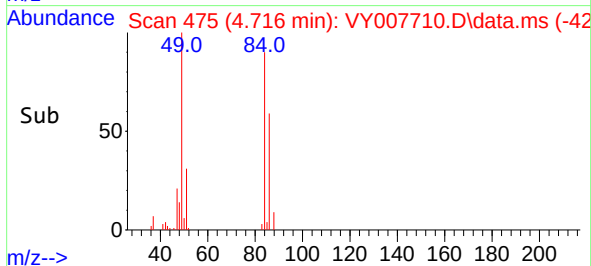
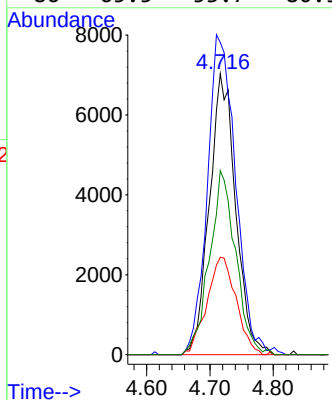
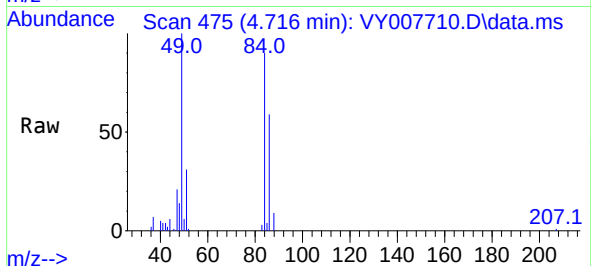


#20
Methylene Chloride
Concen: 4.400 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

Tgt Ion: 84 Resp: 20335

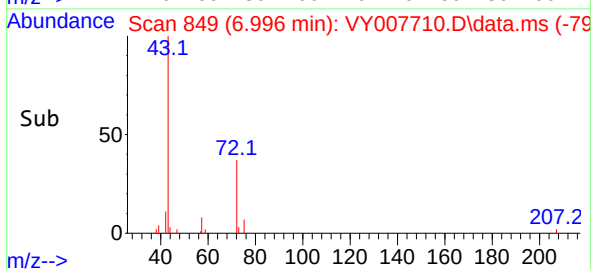
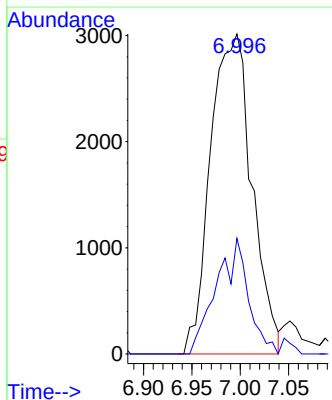
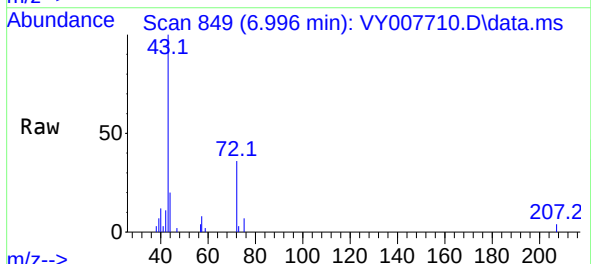
Ion	Ratio	Lower	Upper
84	100		
49	111.1	114.4	171.6#
51	34.7	35.3	52.9#
86	65.5	53.7	80.5

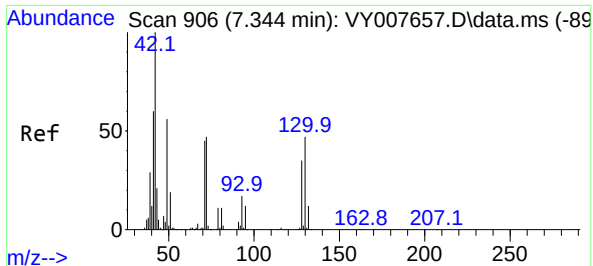


#25
2-Butanone
Concen: 10.565 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 43 Resp: 8975

Ion	Ratio	Lower	Upper
43	100		
72	36.1	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.230 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

LINE-3-4

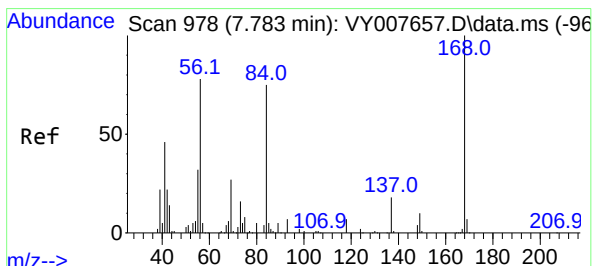
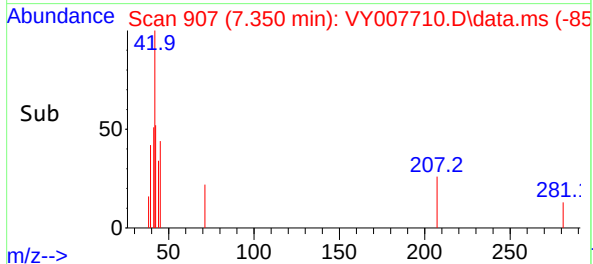
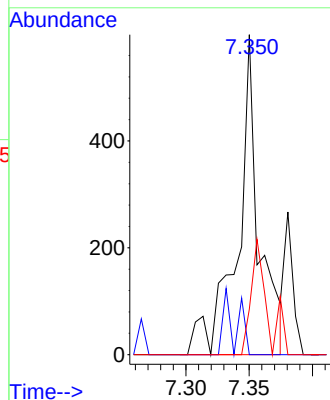
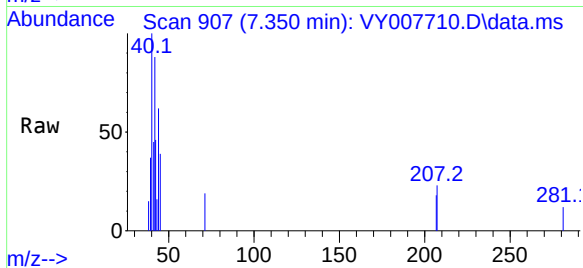
Tgt Ion: 42 Resp: 715

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 26.9 29.0 43.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

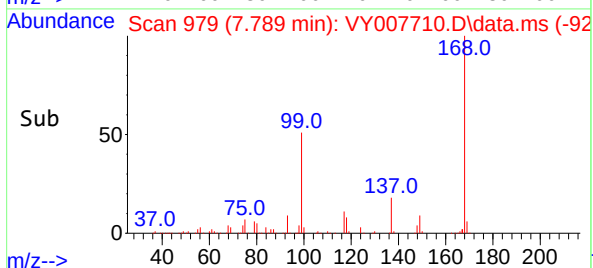
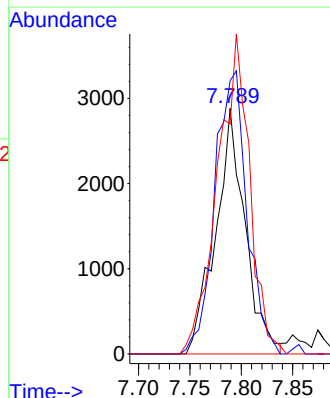
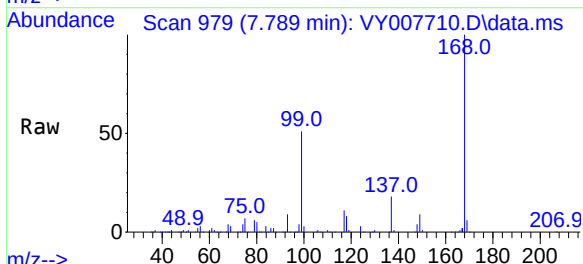
Tgt Ion: 56 Resp: 5759

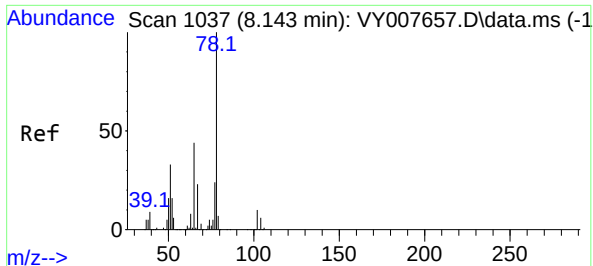
Ion Ratio Lower Upper

56 100

69 111.2 26.7 40.1#

84 93.6 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 62.805 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

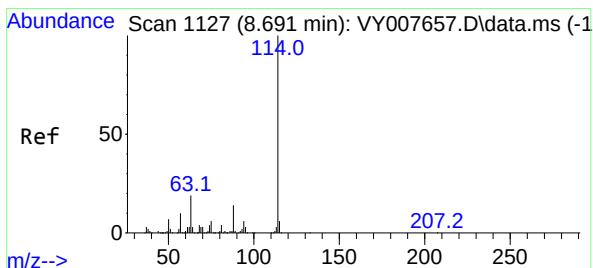
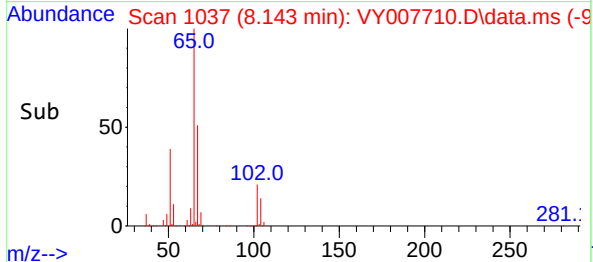
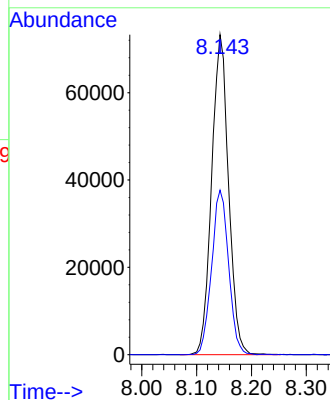
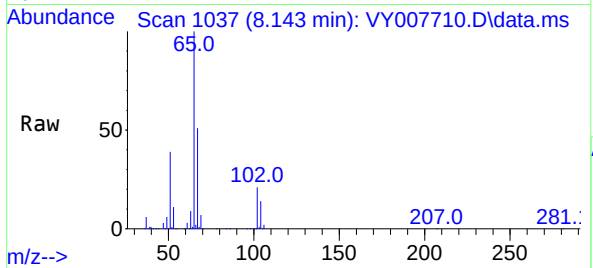
LINE-3-4

Tgt Ion: 65 Resp: 156340

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

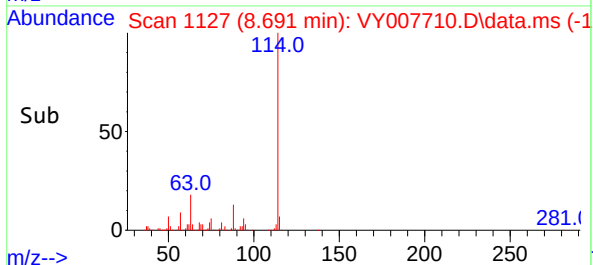
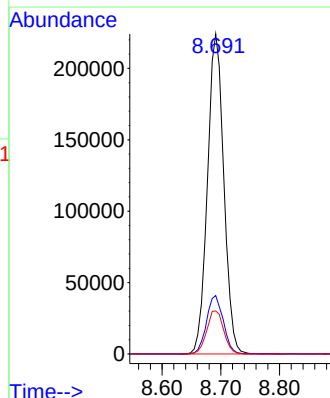
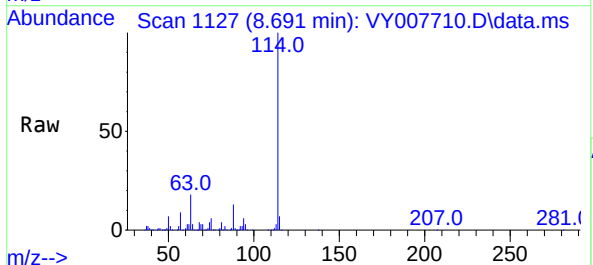
Tgt Ion:114 Resp: 433413

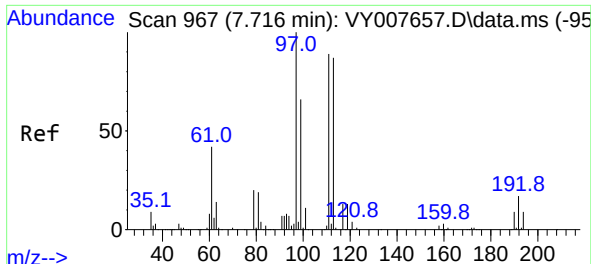
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.5 0.0 31.8

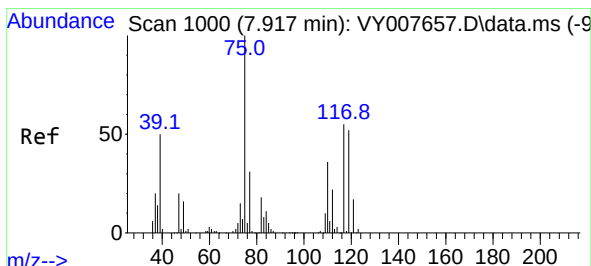
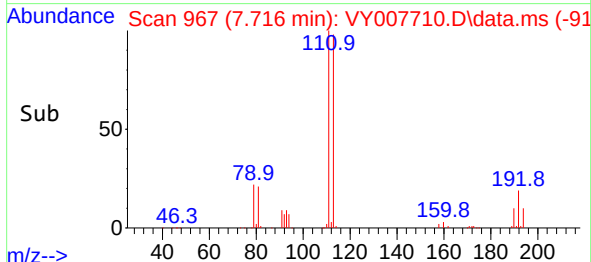
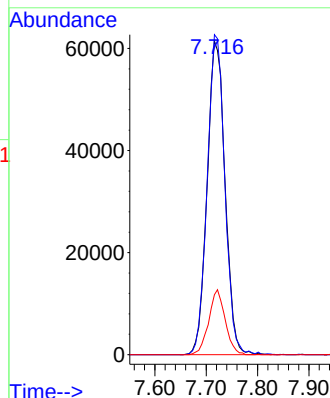
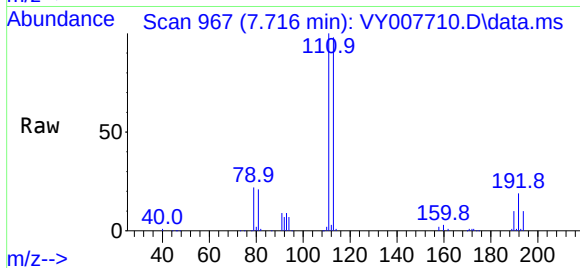




#35
Dibromofluoromethane
Concen: 53.804 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

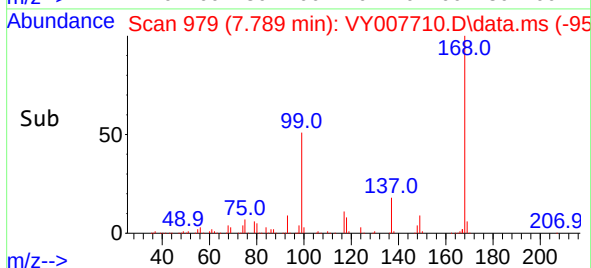
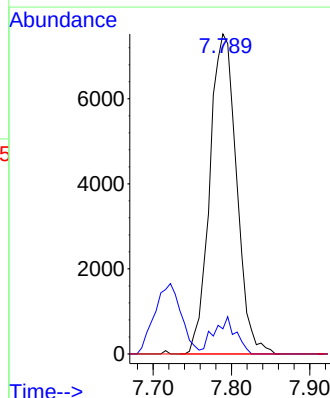
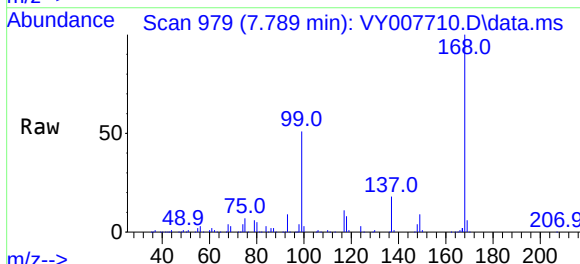
Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

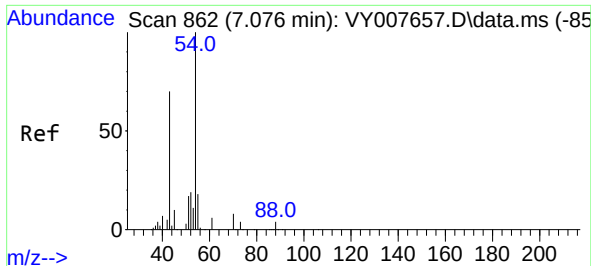
Tgt Ion:113 Resp: 149089
Ion Ratio Lower Upper
113 100
111 100.1 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.098 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 75 Resp: 17861
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.728 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.080 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

LINE-3-4

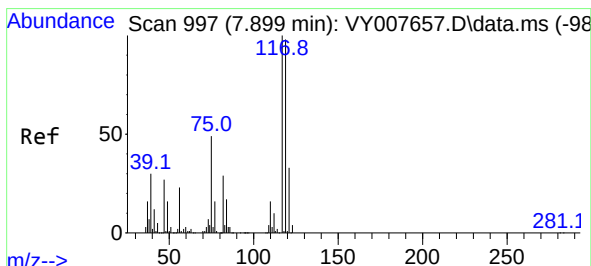
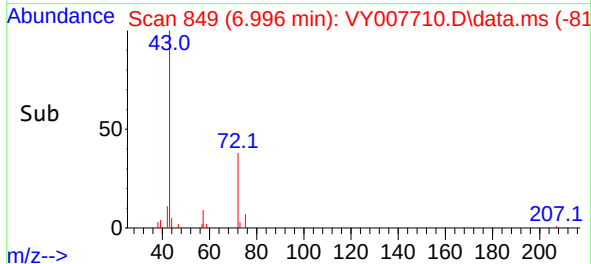
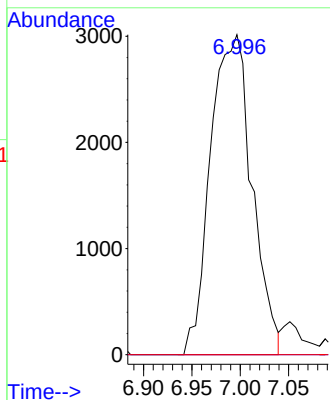
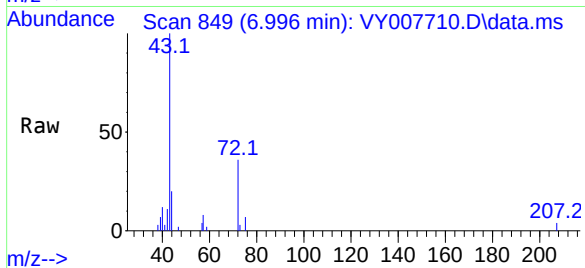
Tgt Ion: 43 Resp: 8975

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.123 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007710.D

Acq: 03 Mar 2022 17:28

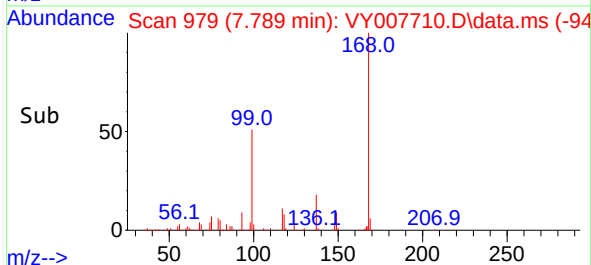
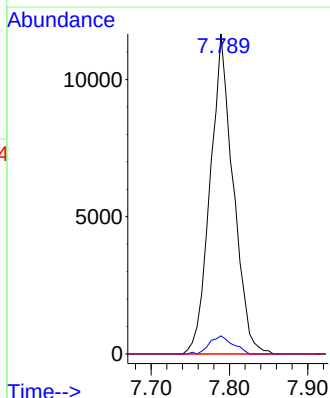
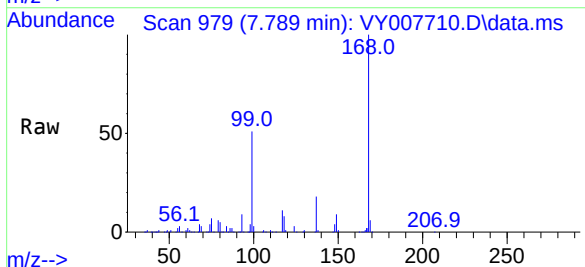
Tgt Ion: 117 Resp: 23822

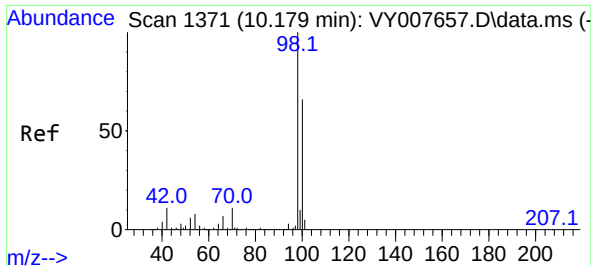
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

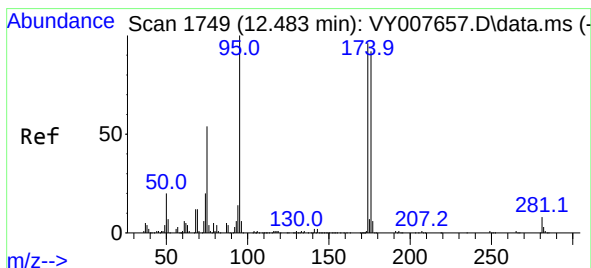
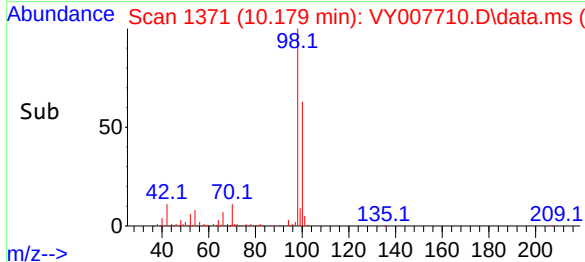
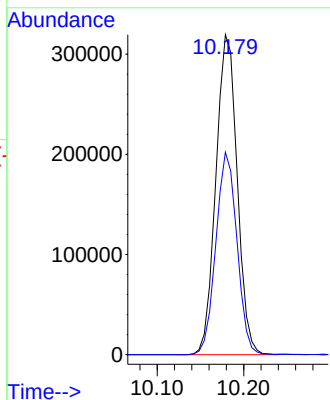
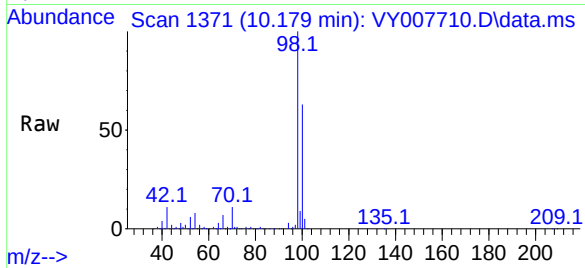




#50
Toluene-d8
Concen: 53.588 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

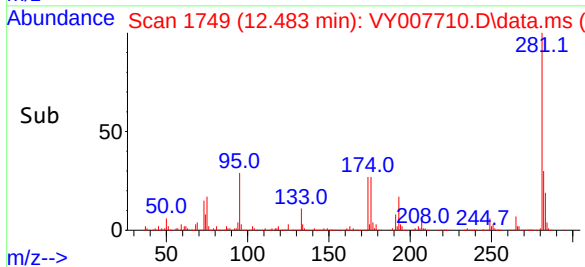
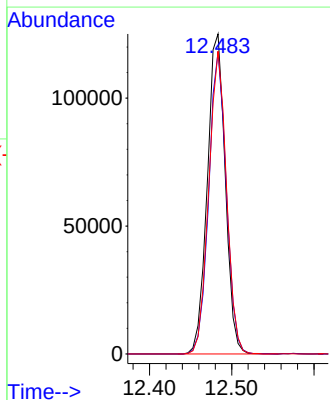
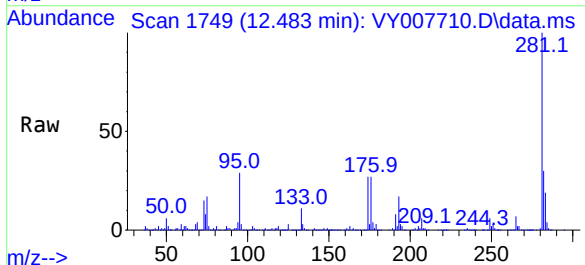
Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

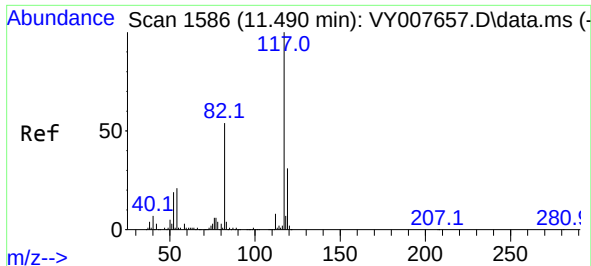
Tgt Ion: 98 Resp: 546593
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.737 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 95 Resp: 189835
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 93.4 0.0 175.8

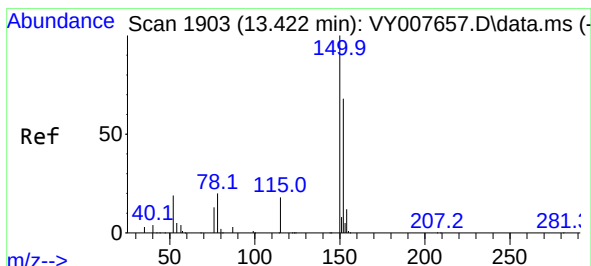
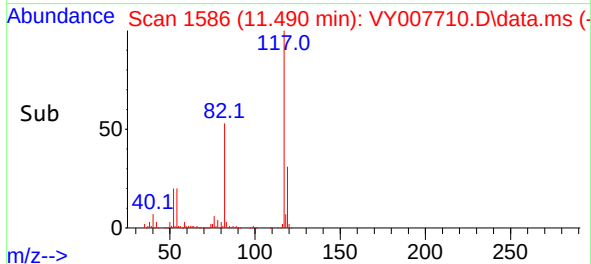
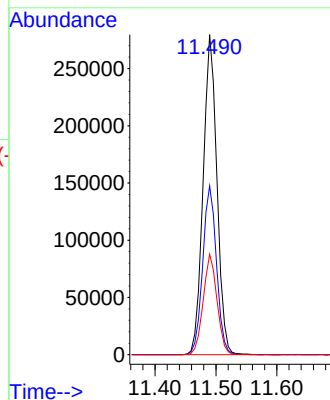
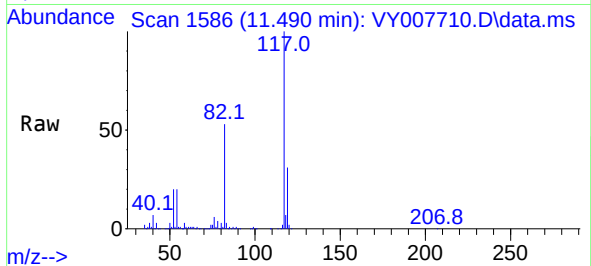




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

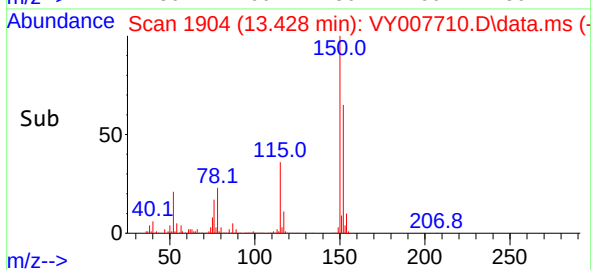
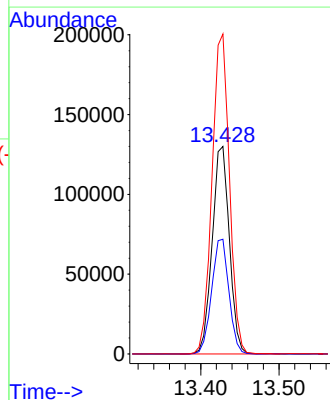
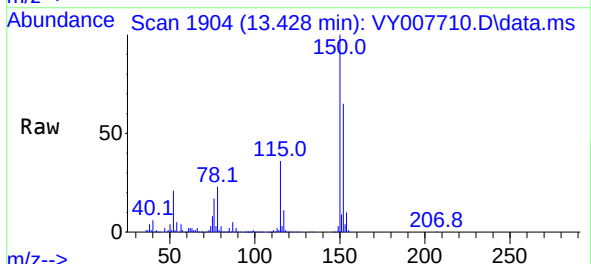
Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

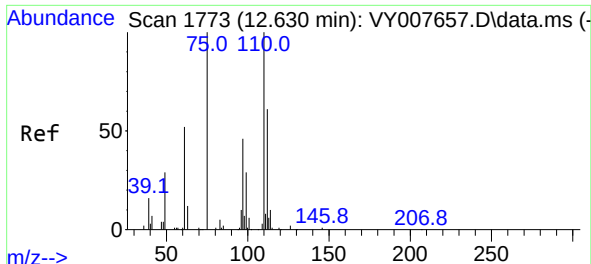
Tgt Ion:117 Resp: 440060
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion:152 Resp: 197927
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 156.2 0.0 347.6

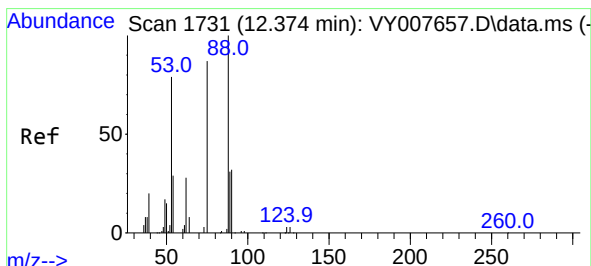
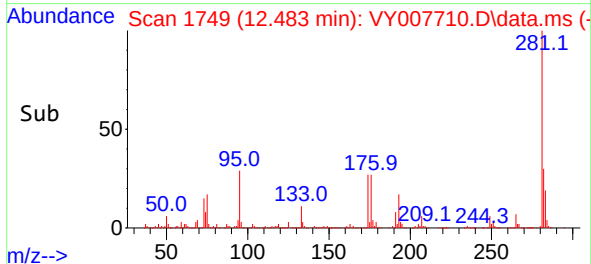
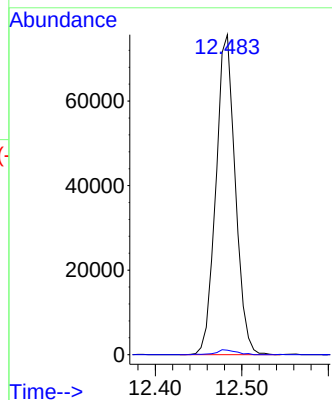
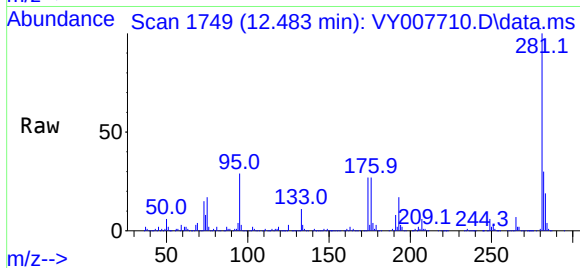




#76
1,2,3-Trichloropropane
Concen: 53.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Instrument :
MSVOA_Y
ClientSampleId :
LINE-3-4

Tgt Ion: 75 Resp: 117458
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007710.D
Acq: 03 Mar 2022 17:28

Tgt Ion: 75 Resp: 117458
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 3.5 37.0 55.4#

