

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007745.D
 Acq On : 04 Mar 2022 16:30
 Operator : SY/MD
 Sample : N1751-09RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:25:06 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)

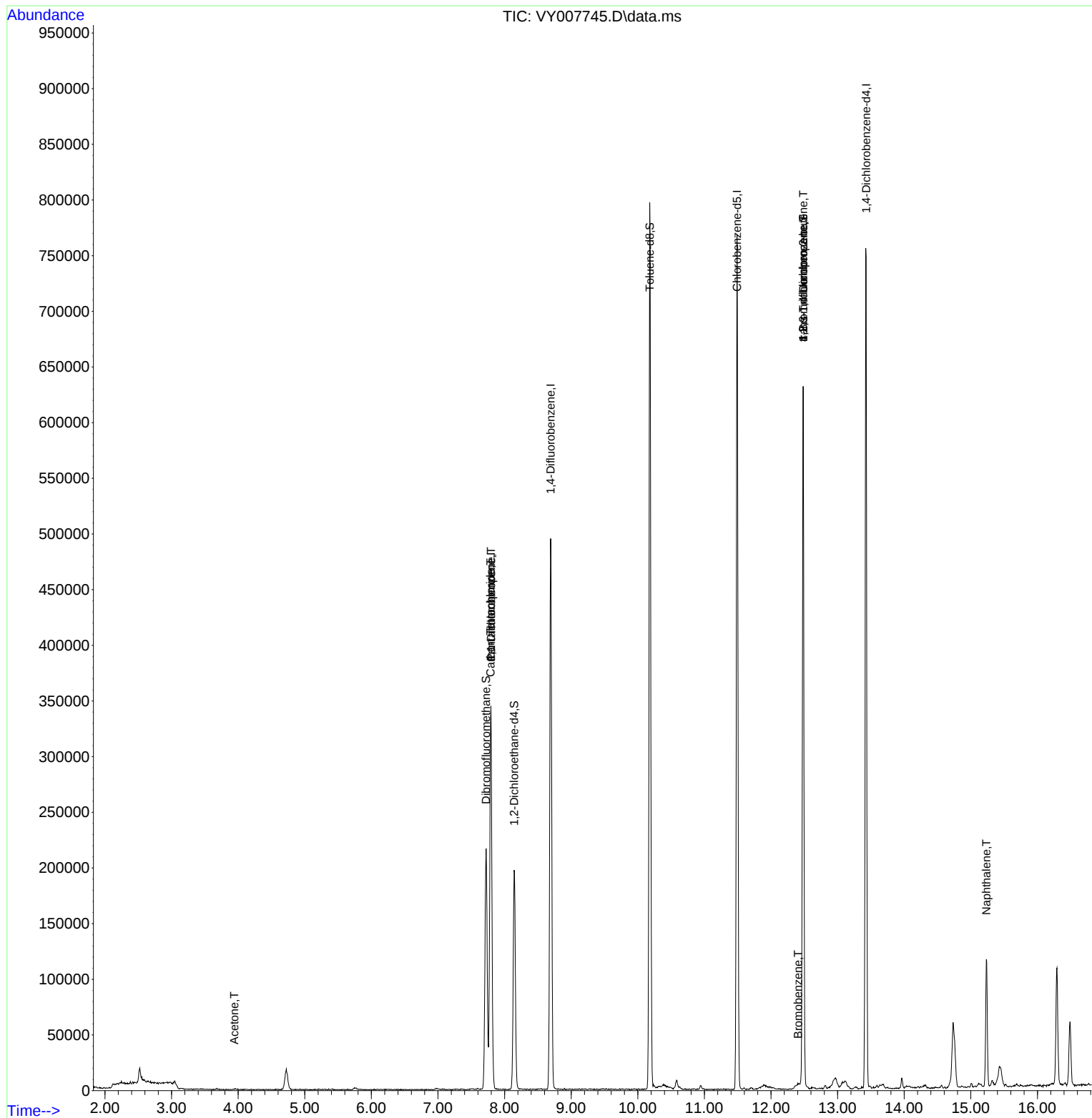
Internal Standards						
1) Pentafluorobenzene	7.795	168	279920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	442177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	154616	52.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.520%	
35) Dibromofluoromethane	7.722	113	147845	52.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.179	98	527360	50.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.483	95	164977	49.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.360%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	115	Below Cal	#	43
3) Chloromethane	2.119	50	1239	Below Cal	#	82
13) Acrolein	3.747	56	61	Below Cal	#	14
16) Acetone	3.942	43	813	1.364	ug/l #	47
17) Carbon Disulfide	4.223	76	47	Below Cal	#	75
18) Methyl Acetate	4.448	43	35	Below Cal	#	28
31) Cyclohexane	7.795	56	5912	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	20670	4.648	ug/l #	51
38) Carbon Tetrachloride	7.789	117	25514	5.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	91466	42.078	ug/l #	100
77) Bromobenzene	12.404	156	3822	1.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	91466	86.023	ug/l #	7
95) Naphthalene	15.233	128	93059	11.708	ug/l	99

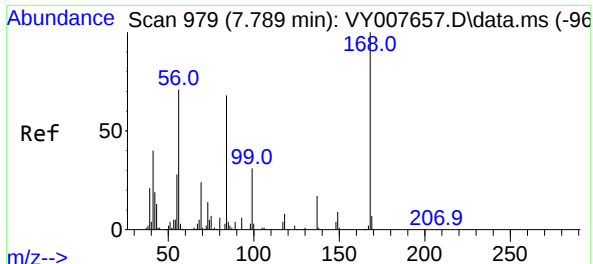
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
Data File : VY007745.D
Acq On : 04 Mar 2022 16:30
Operator : SY/MD
Sample : N1751-09RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 05 04:25:06 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

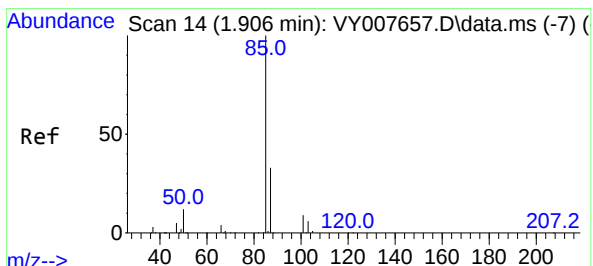
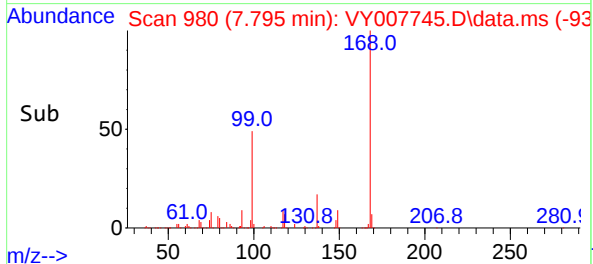
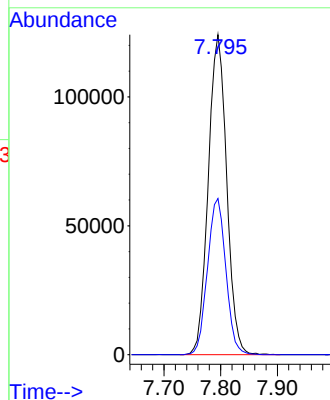
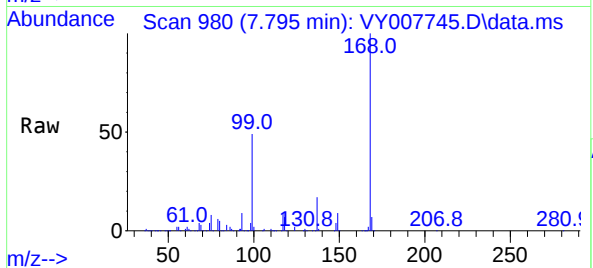




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

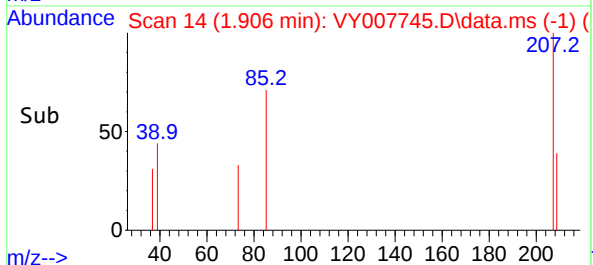
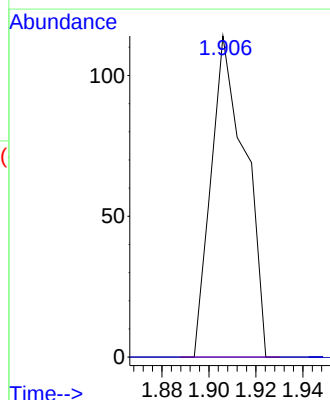
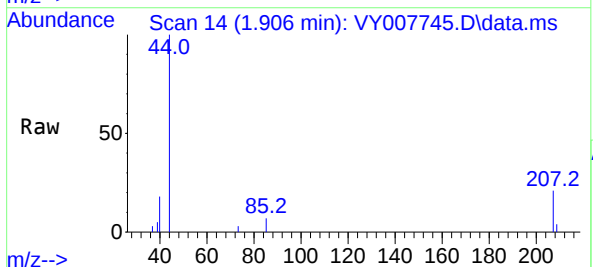
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 279920
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3

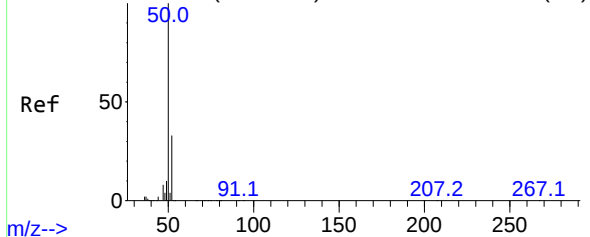


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

Tgt Ion: 85 Resp: 115
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: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

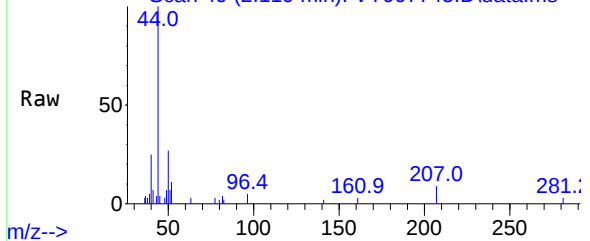
Tgt Ion: 50 Resp: 1239

Ion Ratio Lower Upper

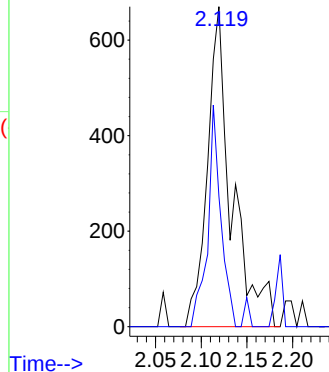
50 100

52 40.7 24.6 37.0#

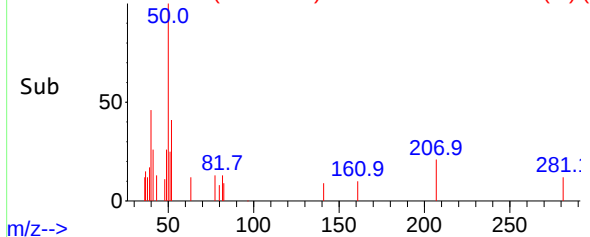
Abundance Scan 49 (2.119 min): VY007745.D\data.ms



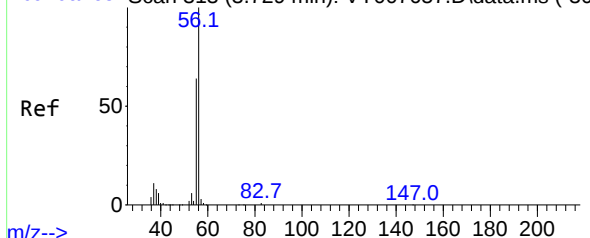
Abundance



Abundance Scan 49 (2.119 min): VY007745.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 316

Delta R.T. 0.018 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

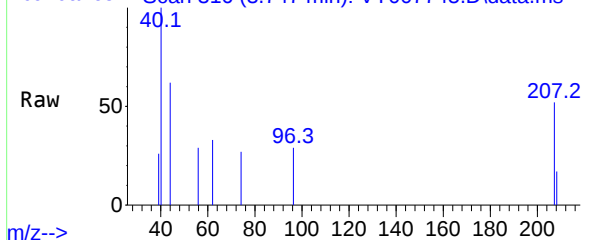
Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

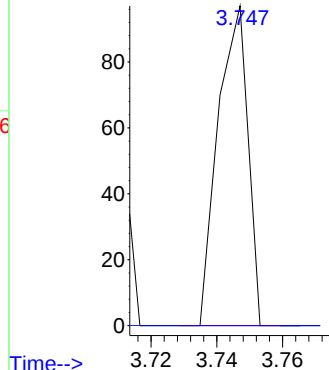
56 100

55 0.0 57.6 86.4#

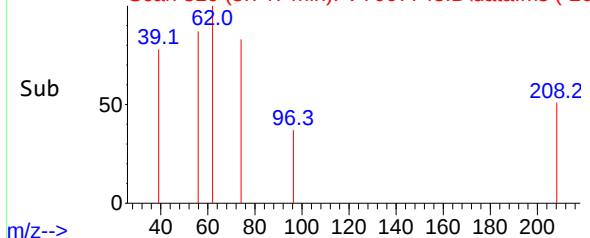
Abundance Scan 316 (3.747 min): VY007745.D\data.ms



Abundance



Abundance Scan 316 (3.747 min): VY007745.D\data.ms (-26)

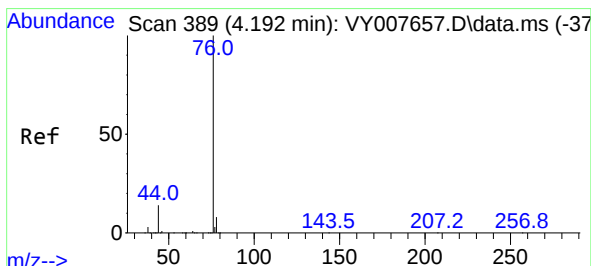
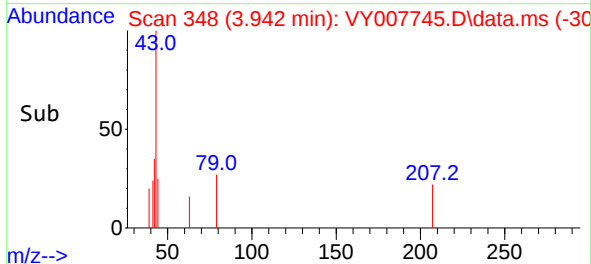
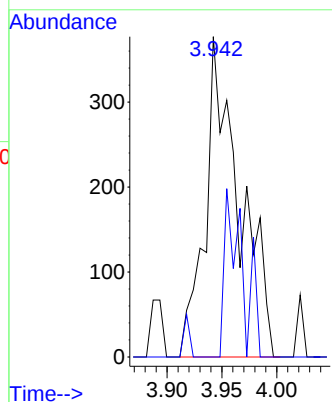
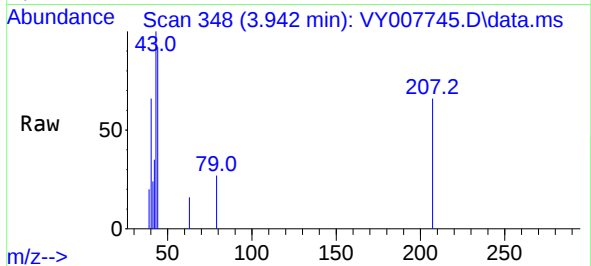




#16
Acetone
Concen: 1.364 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

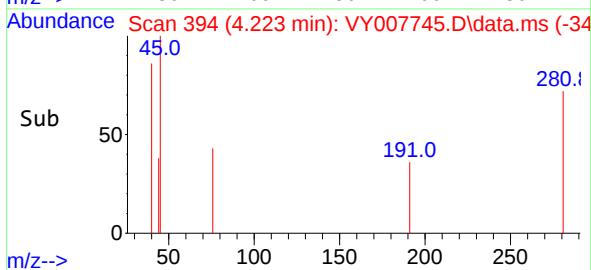
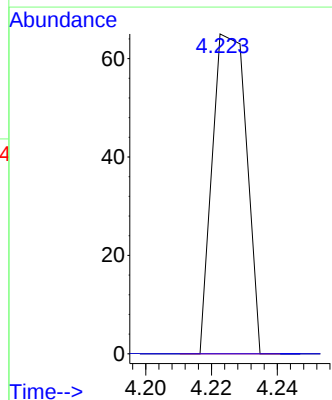
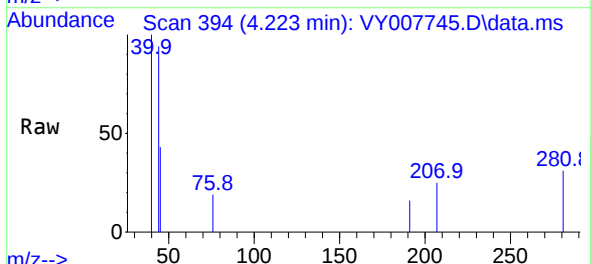
Instrument :
MSVOA_Y
ClientSampleId :

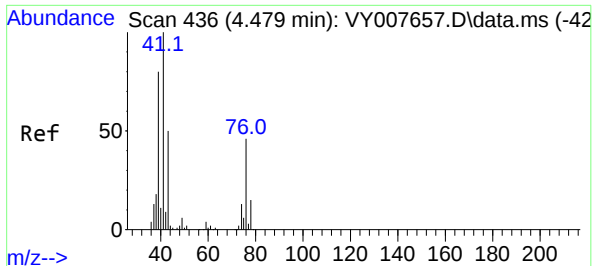
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.223 min Scan# 394
Delta R.T. 0.031 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

Tgt Ion: 76 Resp: 47
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.448 min Scan# 41

Delta R.T. -0.031 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

Instrument :

MSVOA_Y

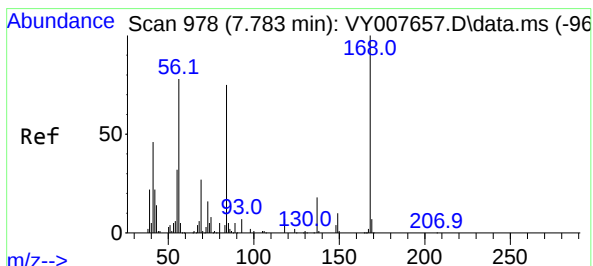
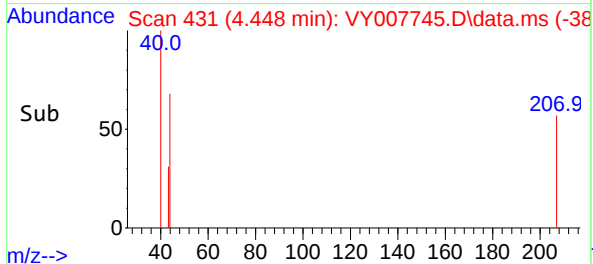
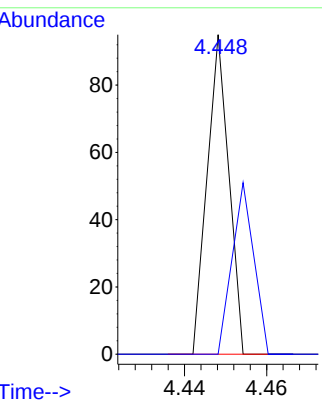
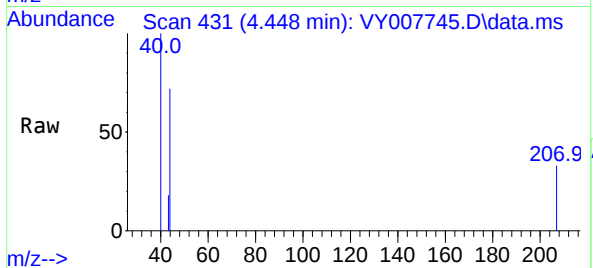
ClientSampleId :

Tgt Ion: 43 Resp: 35

Ion Ratio Lower Upper

43 100

74 54.3 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

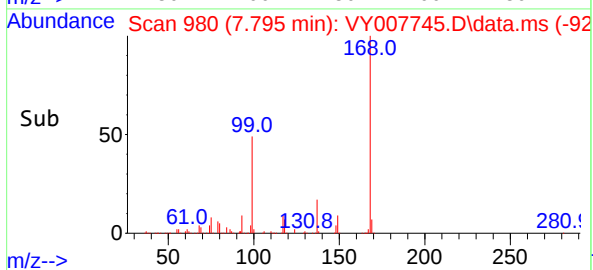
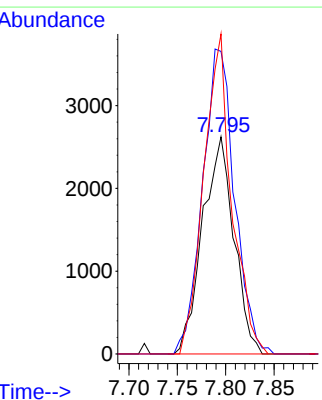
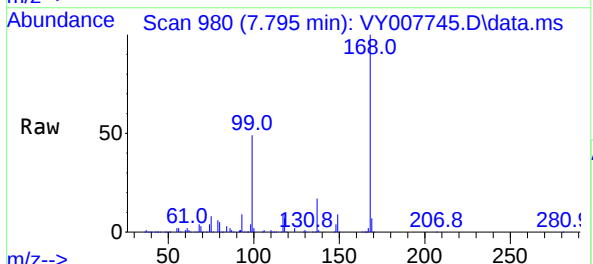
Tgt Ion: 56 Resp: 5912

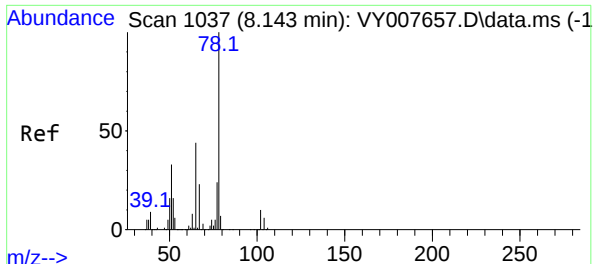
Ion Ratio Lower Upper

56 100

69 139.4 26.7 40.1#

84 147.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.761 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

Instrument :

MSVOA_Y

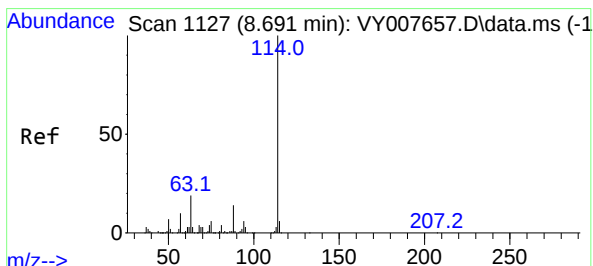
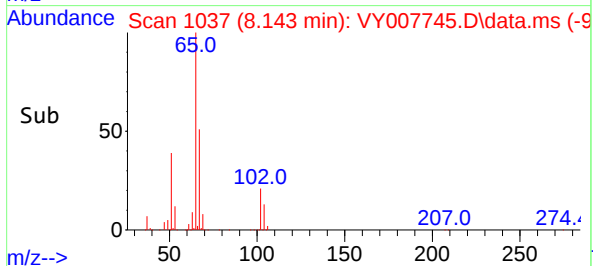
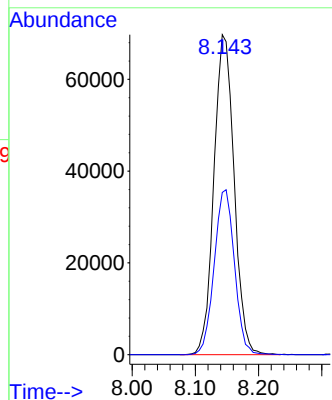
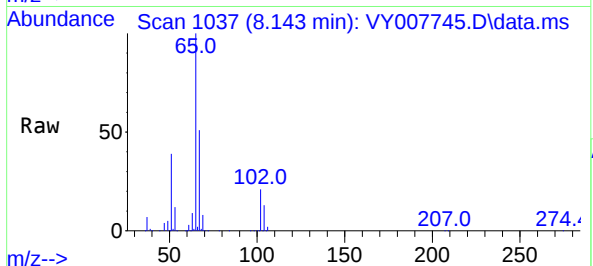
ClientSampleId :

Tgt Ion: 65 Resp: 154616

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: VY007745.D

Acq: 04 Mar 2022 16:30

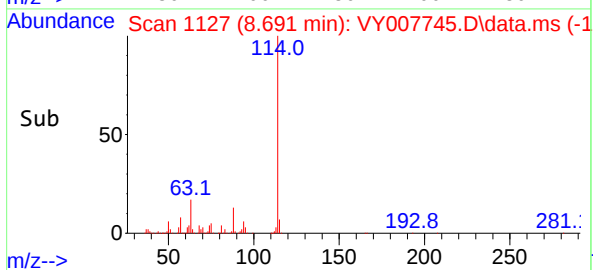
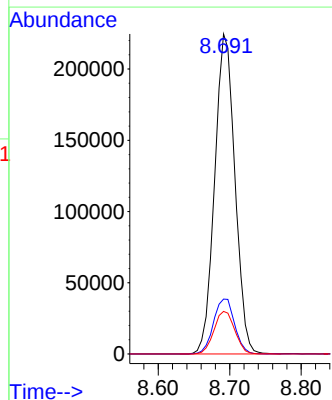
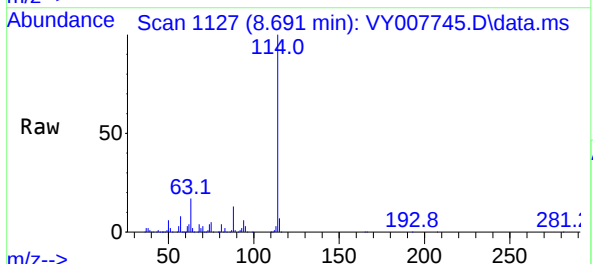
Tgt Ion:114 Resp: 442177

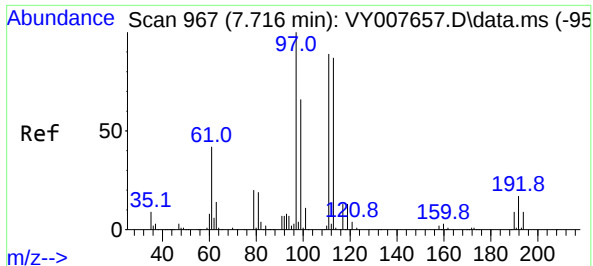
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.298 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :

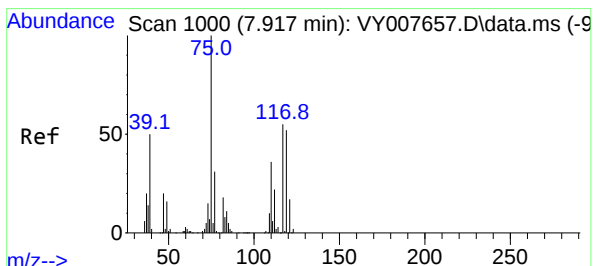
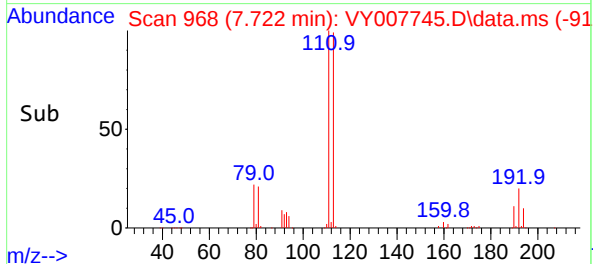
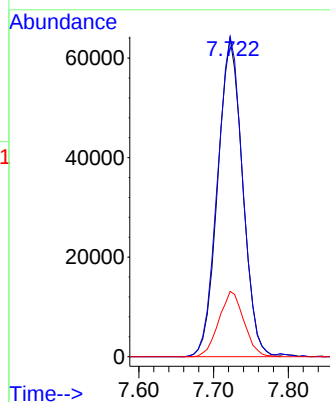
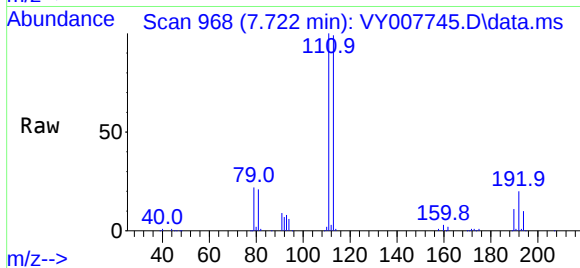
Tgt Ion:113 Resp: 147845

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 20.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

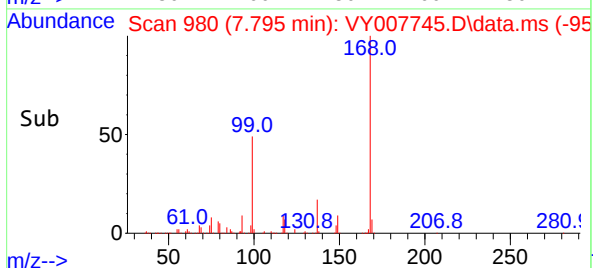
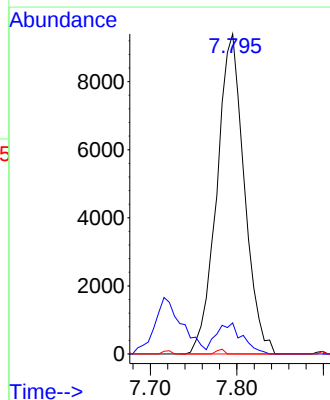
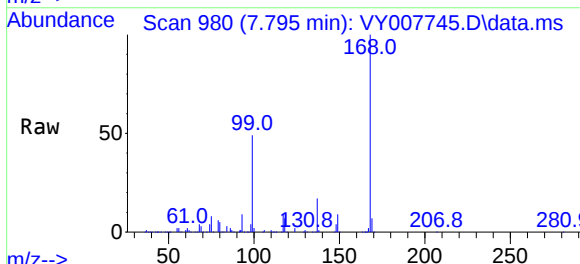
Tgt Ion: 75 Resp: 20670

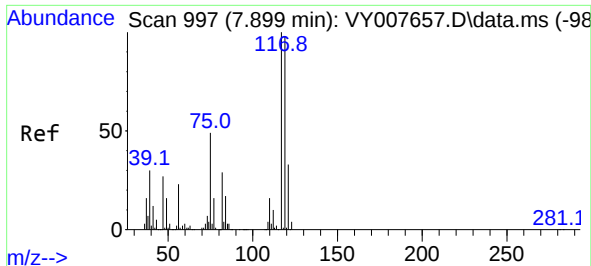
Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

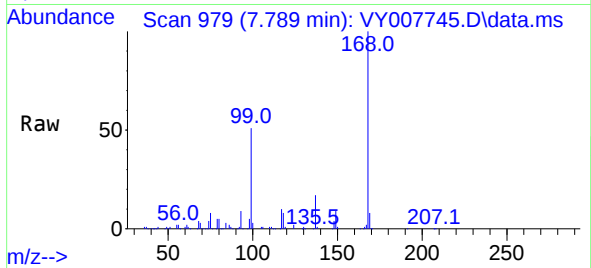
77 0.4 24.4 36.6#



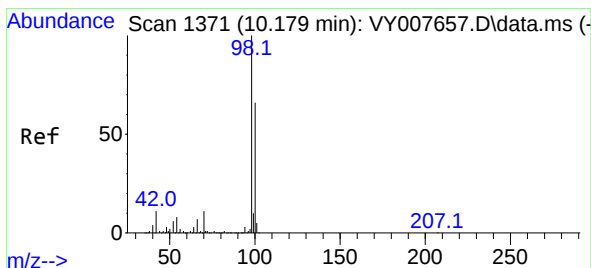
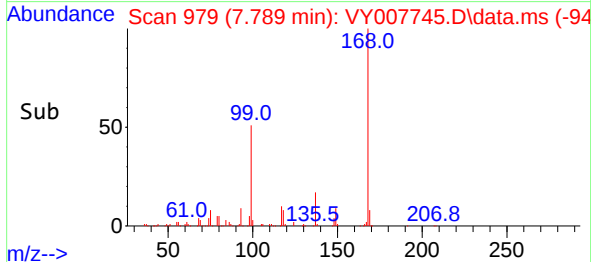
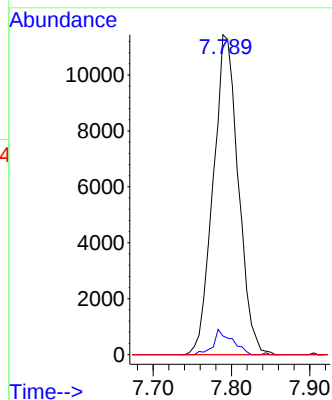


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

Instrument :
MSVOA_Y
ClientSampleId :

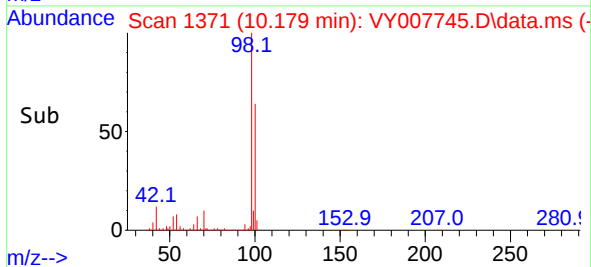
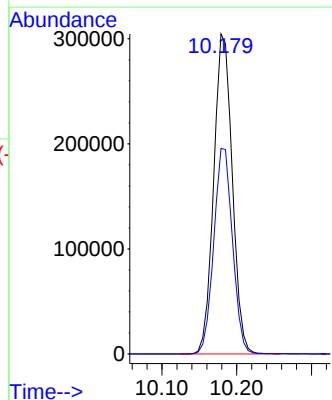
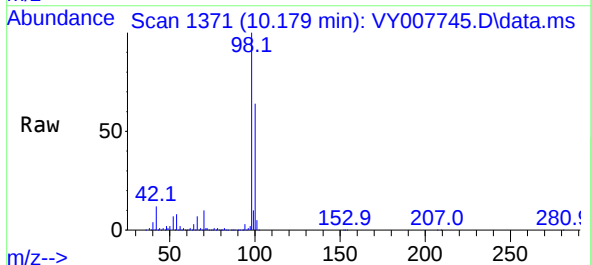


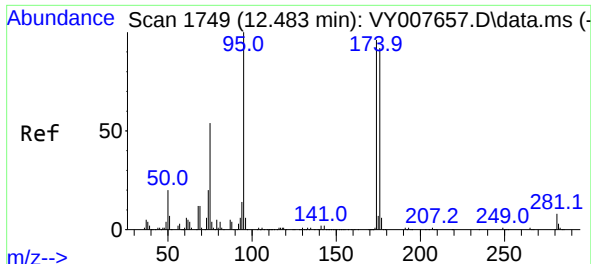
Tgt Ion:117 Resp: 25514
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

Tgt Ion: 98 Resp: 527360
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

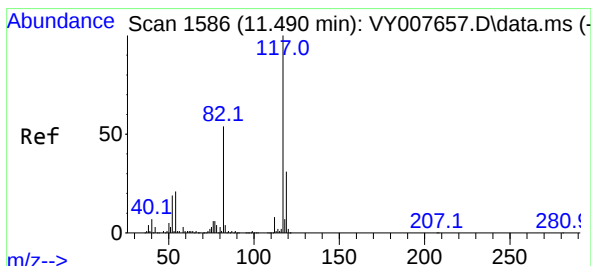
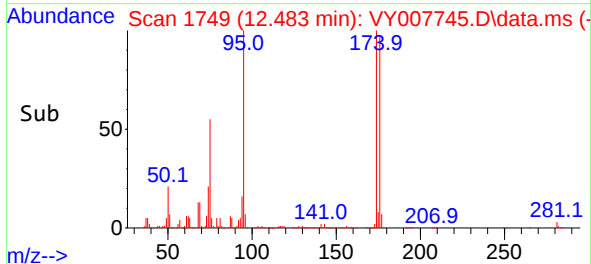
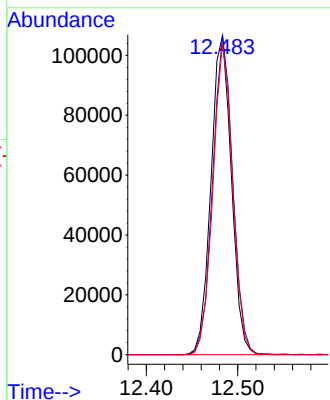
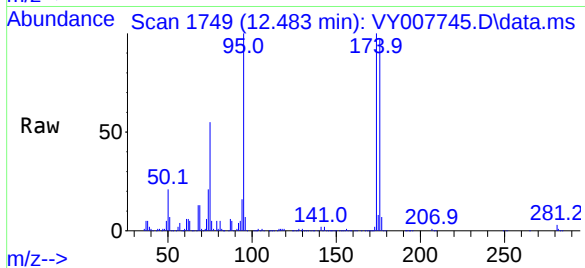




#62
4-Bromofluorobenzene
Concen: 49.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

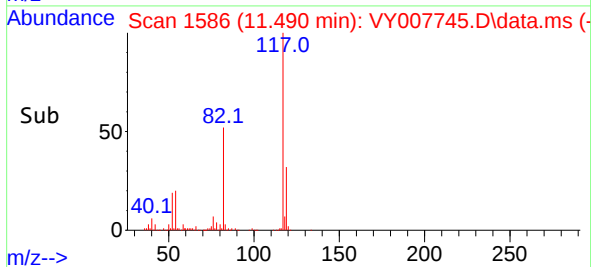
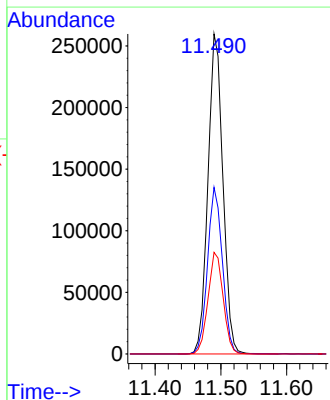
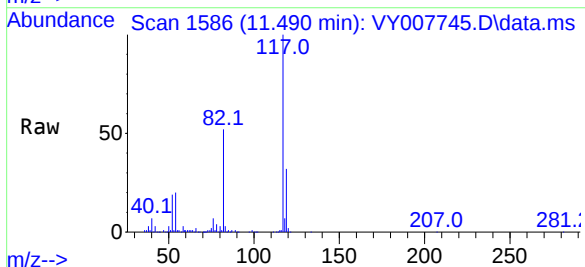
Instrument :
MSVOA_Y
ClientSampleId :

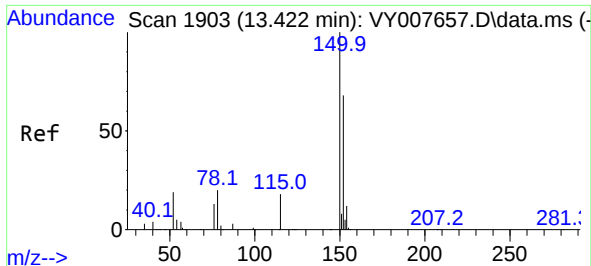
Tgt Ion: 95 Resp: 164977
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 94.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

Tgt Ion: 117 Resp: 411060
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.8 25.4 38.0

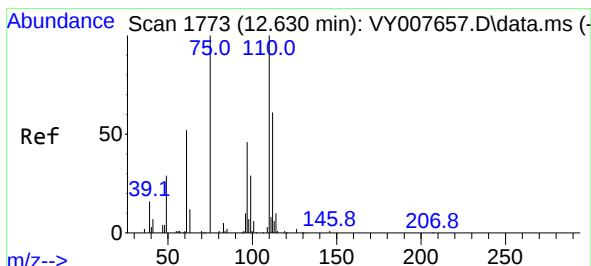
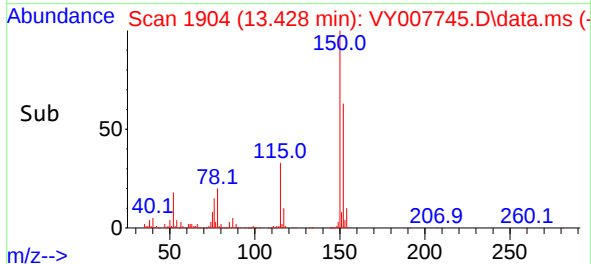
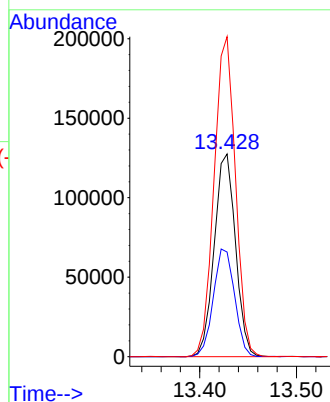
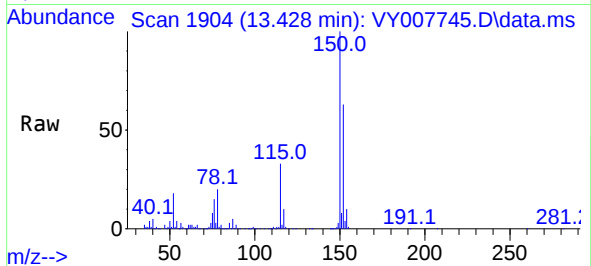




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007745.D
 Acq: 04 Mar 2022 16:30

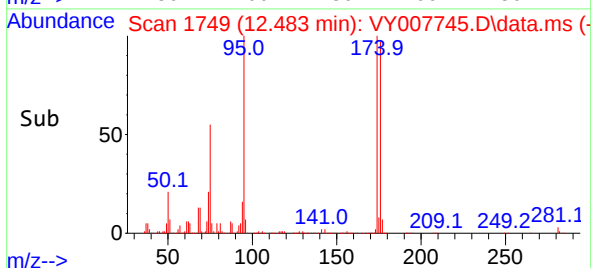
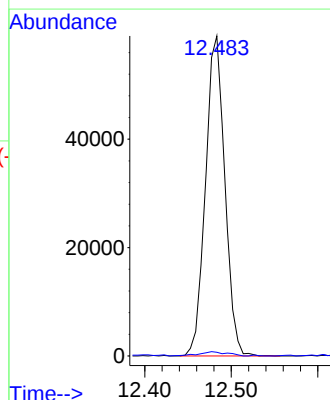
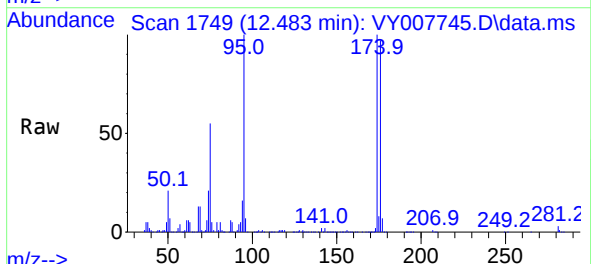
Instrument :
 MSVOA_Y
 ClientSampleId :

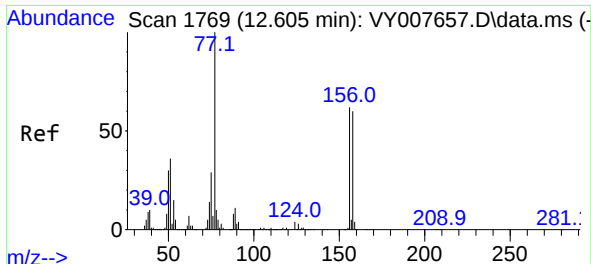
Tgt Ion:152 Resp: 194645
 Ion Ratio Lower Upper
 152 100
 115 53.1 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.078 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007745.D
 Acq: 04 Mar 2022 16:30

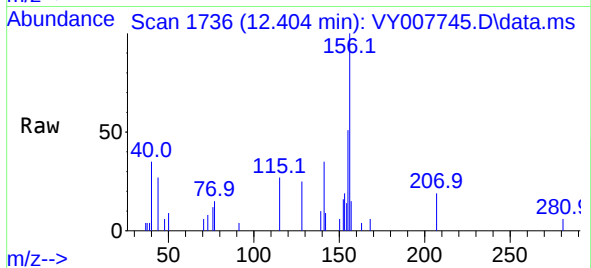
Tgt Ion: 75 Resp: 91466
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



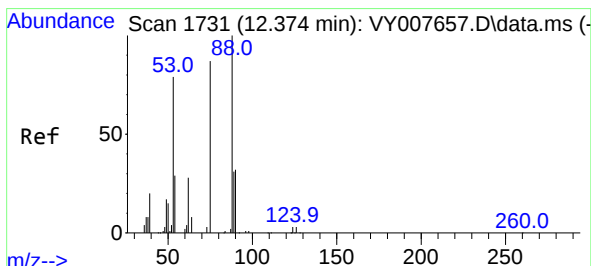
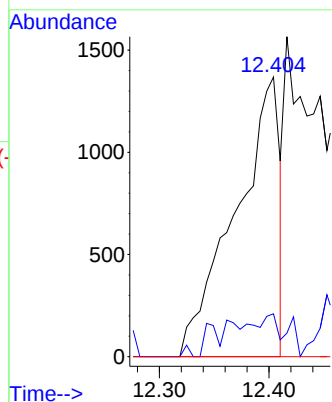
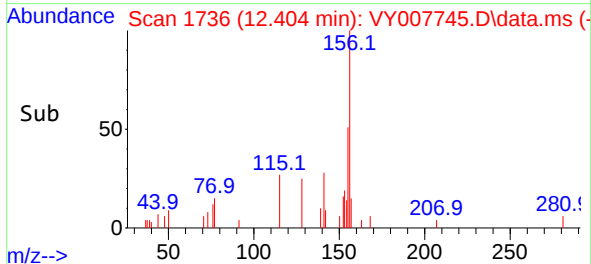


#77
Bromobenzene
Concen: 1.094 ug/l
RT: 12.404 min Scan# 1749
Delta R.T. -0.201 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30

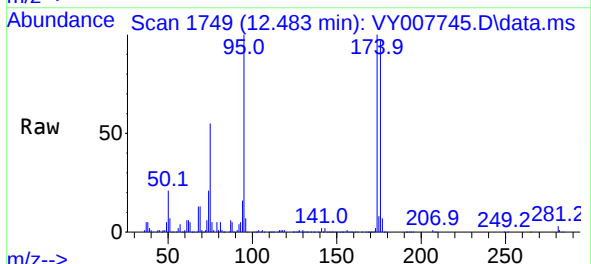
Instrument :
MSVOA_Y
ClientSampleId :



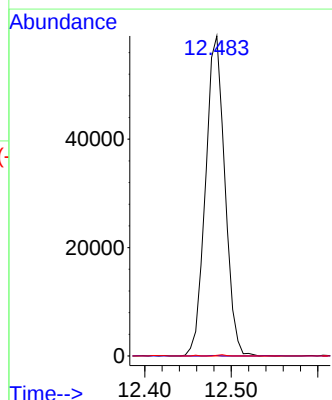
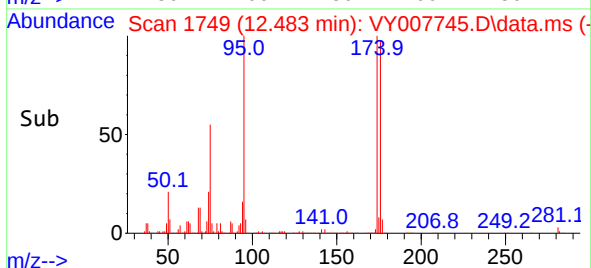
Tgt Ion:156 Resp: 3822
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#

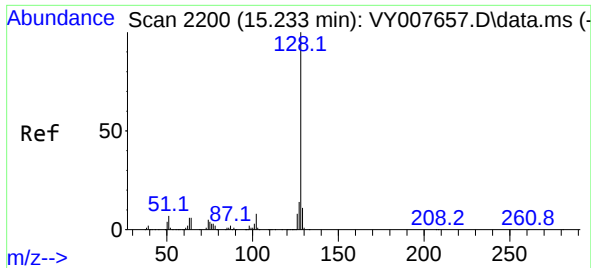


#81
trans-1,4-Dichloro-2-butene
Concen: 86.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007745.D
Acq: 04 Mar 2022 16:30



Tgt Ion: 75 Resp: 91466
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#





#95

Naphthalene

Concen: 11.708 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

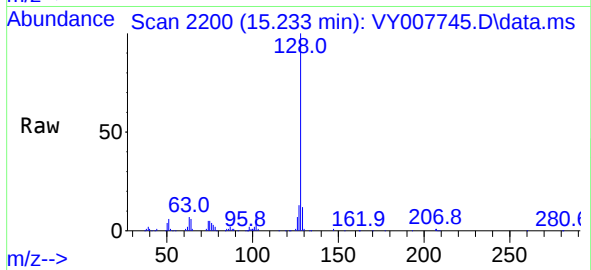
Lab File: VY007745.D

Acq: 04 Mar 2022 16:30

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 93059

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

128	100		
-----	-----	--	--

127	14.0	11.0	16.4
-----	------	------	------

129	11.0	8.4	12.6
-----	------	-----	------

