

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012376.D
 Acq On : 27 Jan 2023 12:18
 Operator : KP/MD
 Sample : VY0127SBL06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBL06

Quant Time: Jan 30 02:36:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

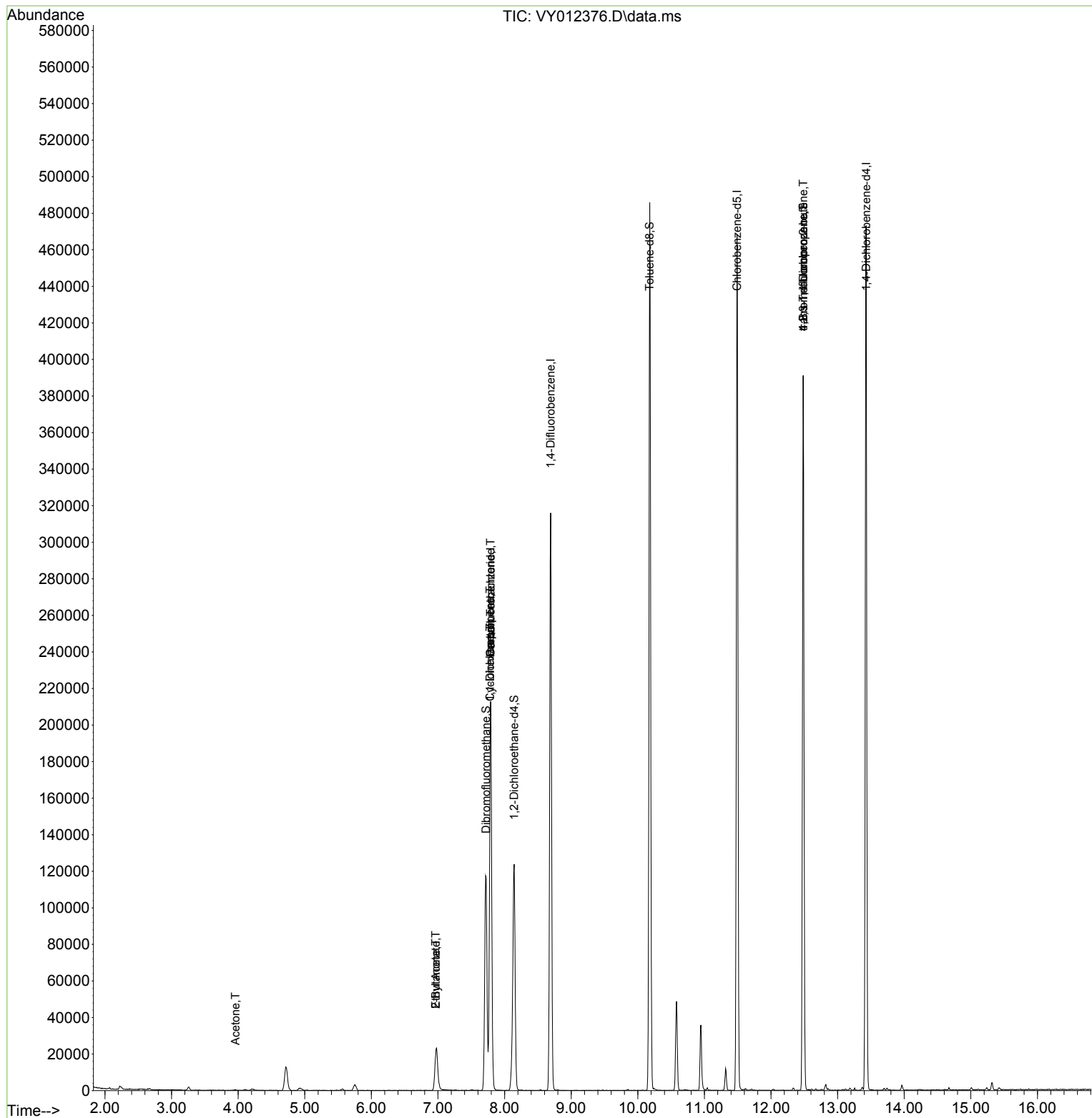
Internal Standards						
1) Pentafluorobenzene	7.789	168	167323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98907	73.133	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 146.260%		
35) Dibromofluoromethane	7.722	113	81457	55.586	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.180%		
50) Toluene-d8	10.179	98	328643	66.124	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 132.240%		
62) 4-Bromofluorobenzene	12.483	95	108682	52.611	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 105.220%		
Target Compounds						
11) Tert butyl alcohol	4.954	59	421	Below Cal	#	74
16) Acetone	3.960	43	613	1.316	ug/l #	66
20) Methylene Chloride	4.722	84	10960	Below Cal	#	86
25) 2-Butanone	6.966	43	1112	2.162	ug/l #	46
31) Cyclohexane	7.783	56	3068	1.258	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	11568	4.645	ug/l #	50
37) Ethyl Acetate	6.966	43	1112	1.013	ug/l #	1
38) Carbon Tetrachloride	7.789	117	16808	5.226	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58776	50.797	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58776	104.665	ug/l #	13

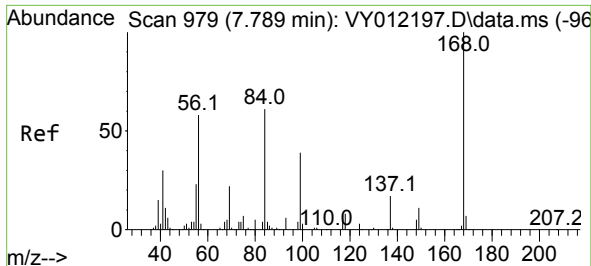
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
Data File : VY012376.D
Acq On : 27 Jan 2023 12:18
Operator : KP/MD
Sample : VY0127SBL06
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL06

Quant Time: Jan 30 02:36:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

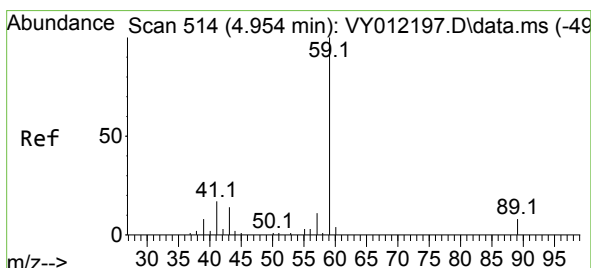
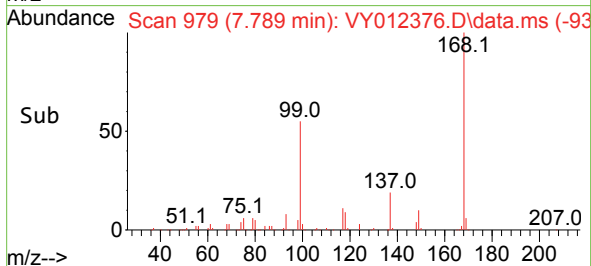
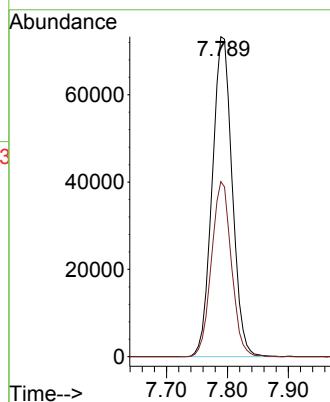
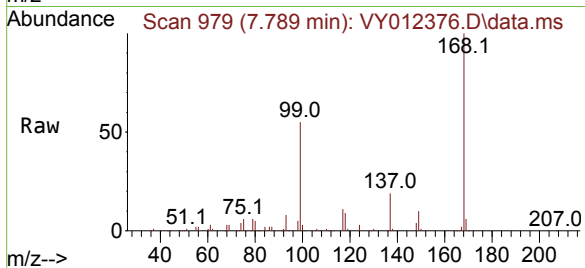




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

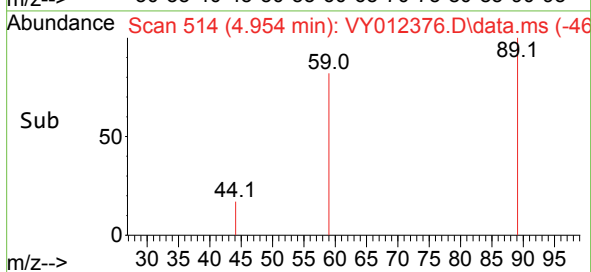
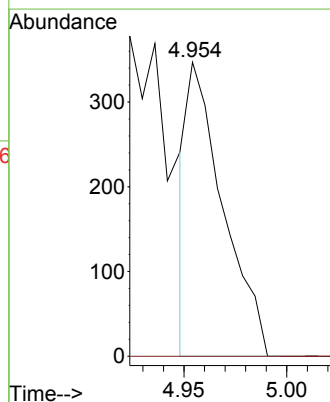
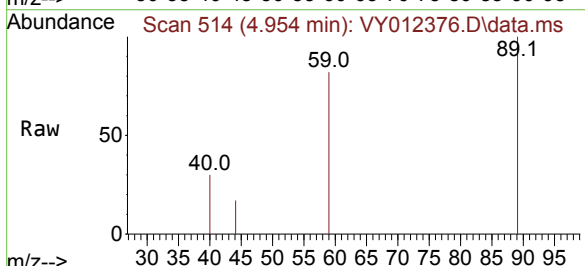
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL06

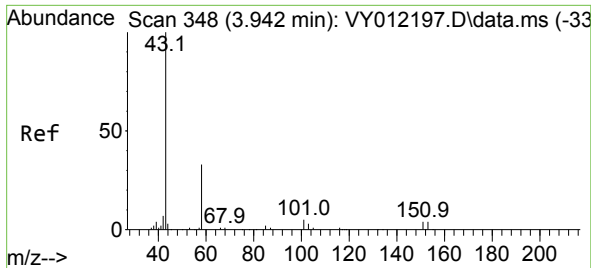
Tgt Ion:168 Resp: 167323
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 1.316 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

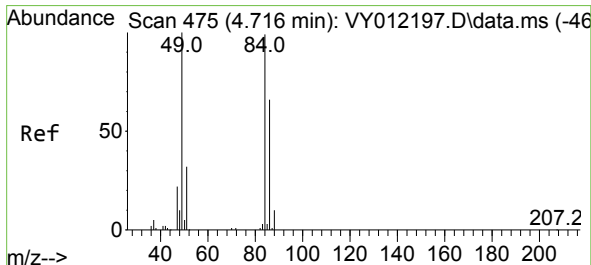
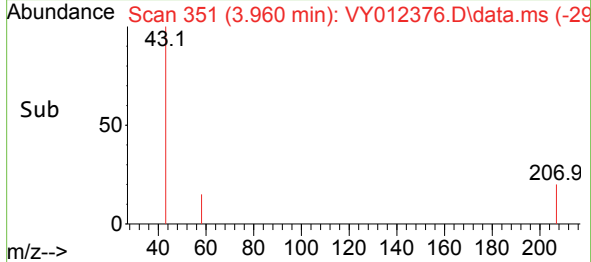
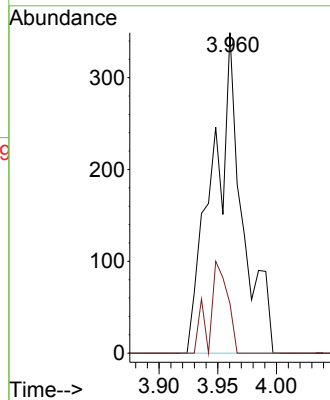
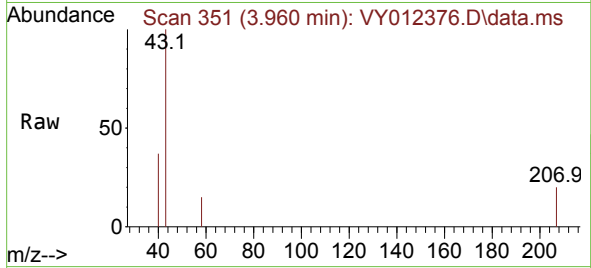
VY0127SBL06

Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

58 15.5 27.9 41.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

Tgt Ion: 84 Resp: 10960

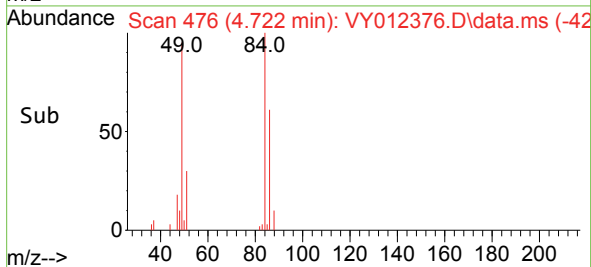
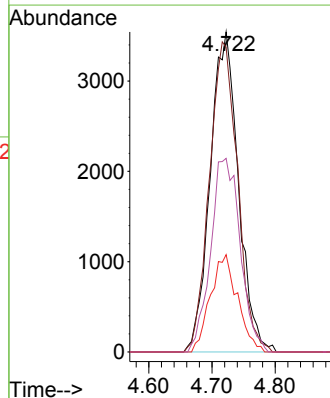
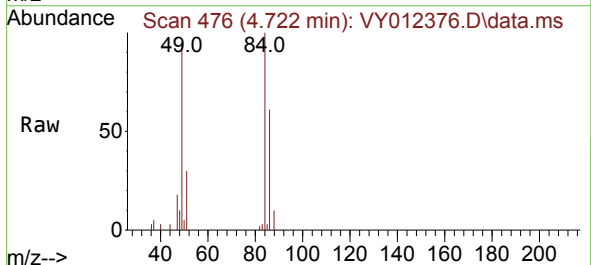
Ion Ratio Lower Upper

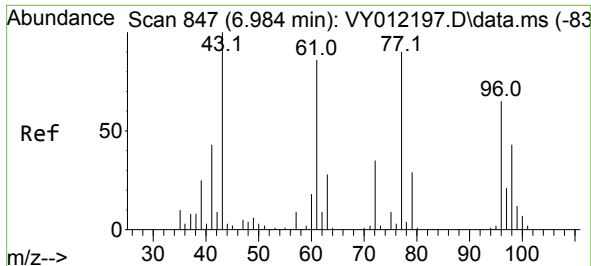
84 100

49 95.2 95.4 143.2#

51 30.4 29.9 44.9

86 60.5 49.6 74.4





#25

2-Butanone

Concen: 2.162 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

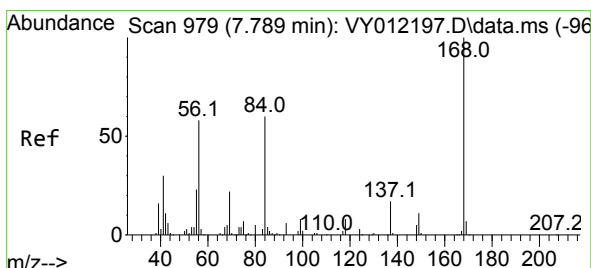
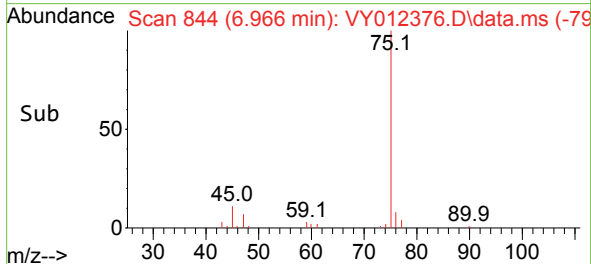
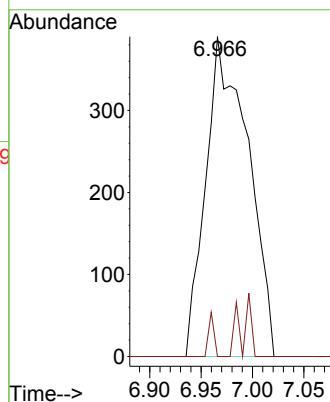
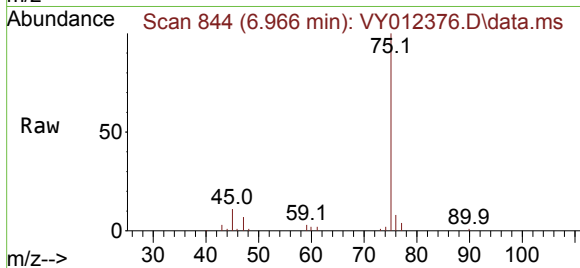
VY0127SBL06

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

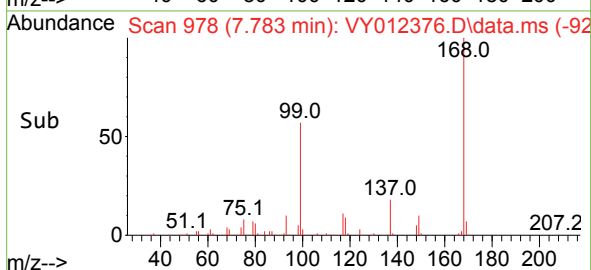
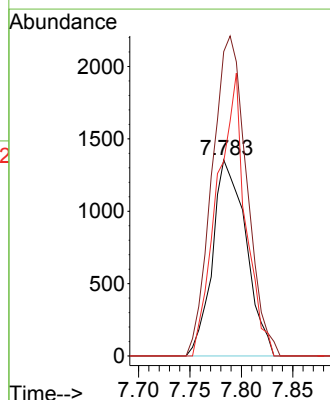
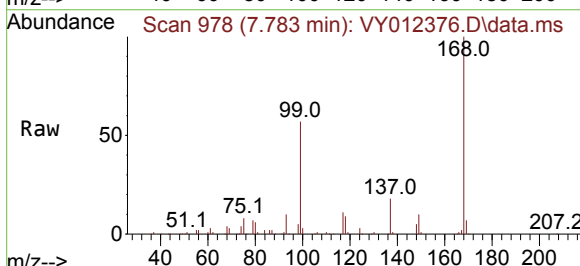
Tgt Ion: 56 Resp: 3068

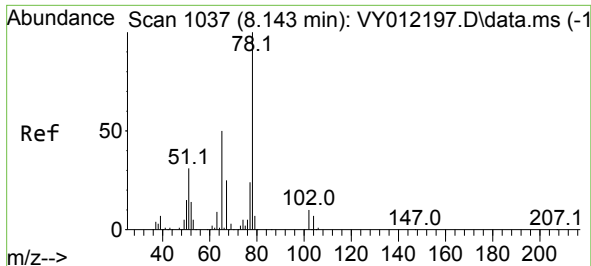
Ion Ratio Lower Upper

56 100

69 155.3 29.2 43.8#

84 99.2 72.6 108.8

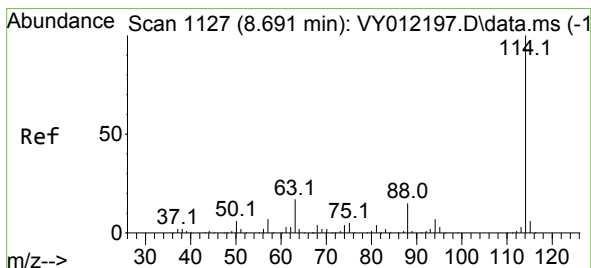
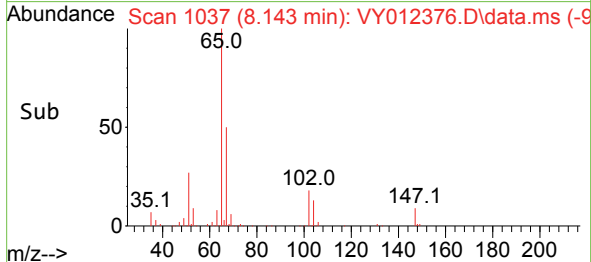
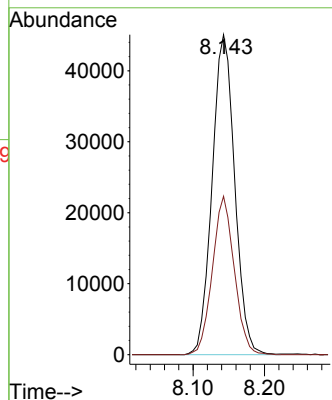
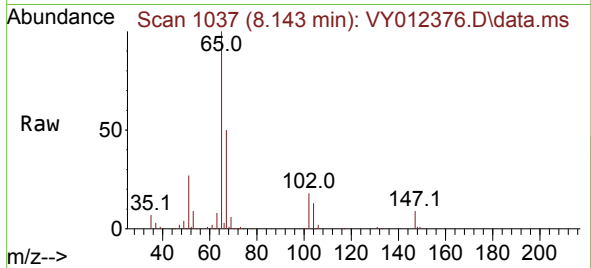




#33
 1,2-Dichloroethane-d4
 Concen: 73.133 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012376.D
 Acq: 27 Jan 2023 12:18

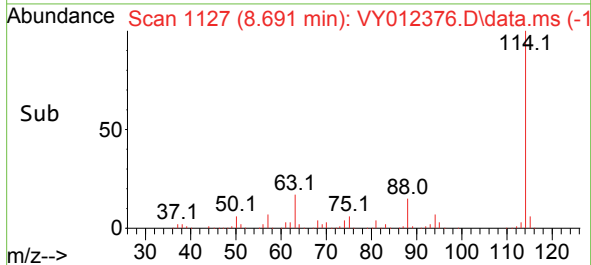
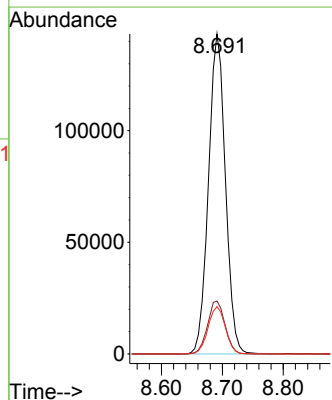
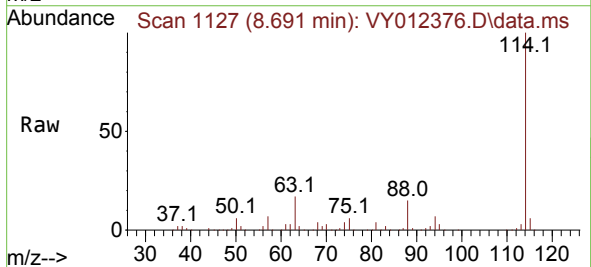
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBL06

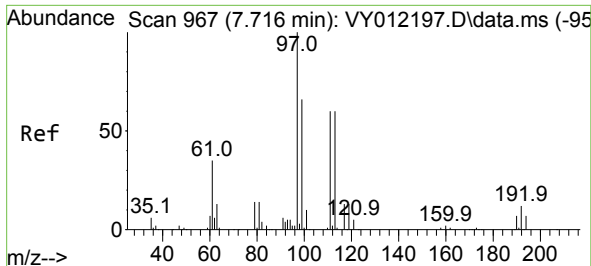
Tgt Ion: 65 Resp: 98907
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012376.D
 Acq: 27 Jan 2023 12:18

Tgt Ion:114 Resp: 276754
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 39.6
 88 14.8 0.0 32.2

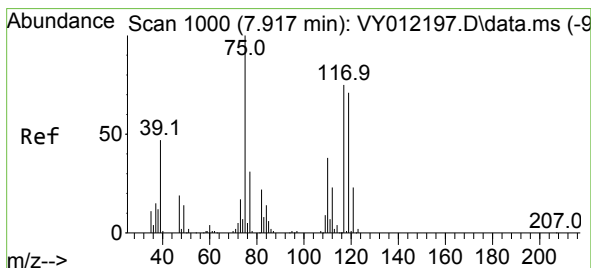
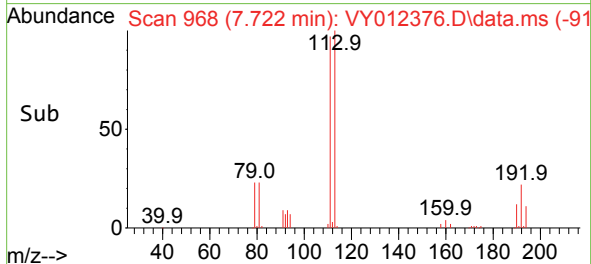
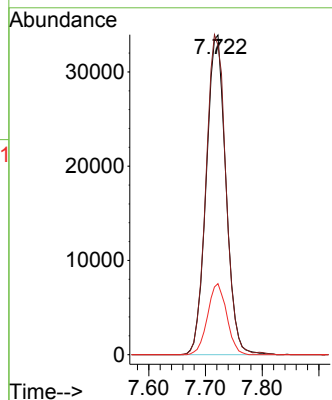
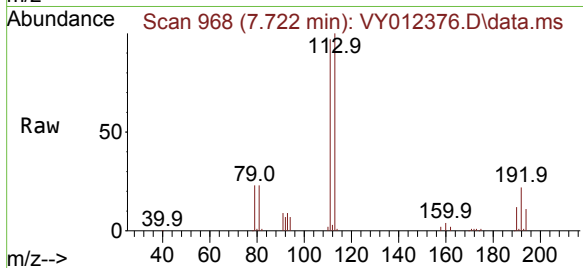




#35
Dibromofluoromethane
Concen: 55.586 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

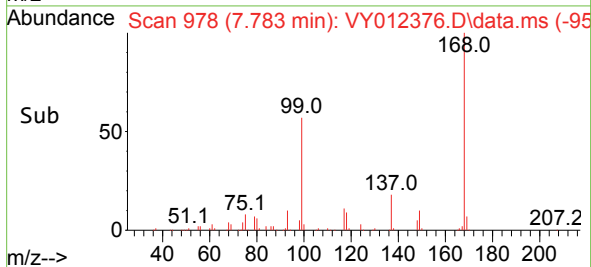
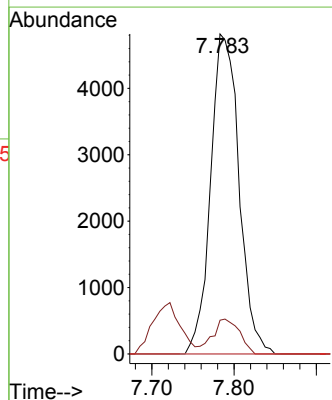
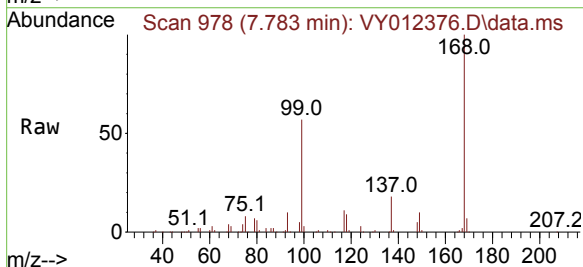
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL06

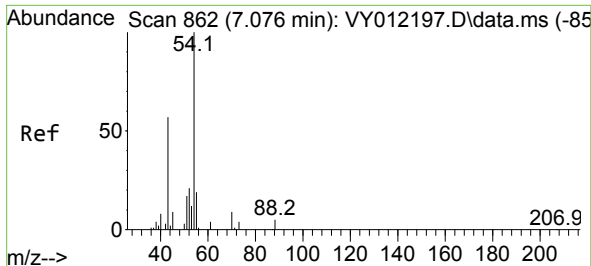
Tgt Ion:113 Resp: 81457
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 21.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

Tgt Ion: 75 Resp: 11568
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.013 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.110 min

Lab File: VY012376.D

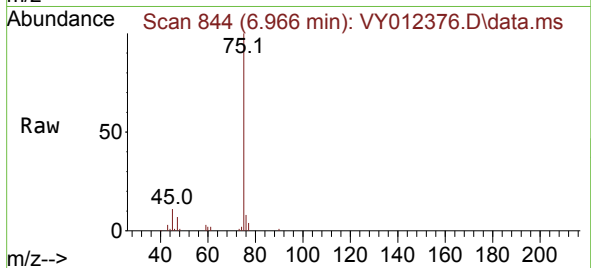
Acq: 27 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBL06



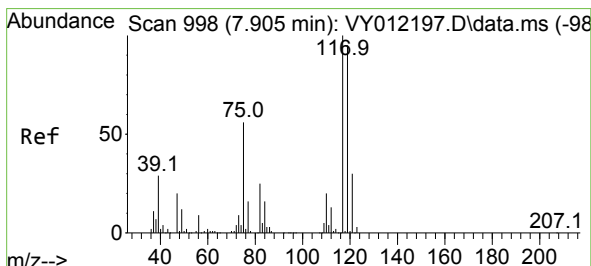
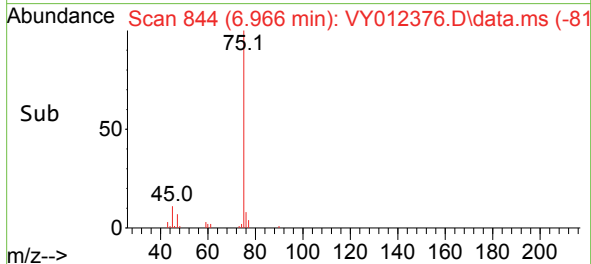
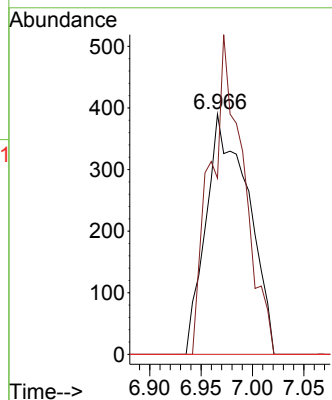
Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

61 104.3 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 5.226 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

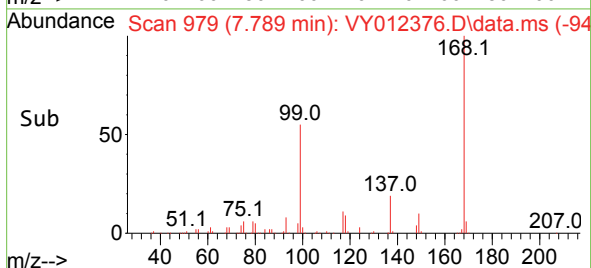
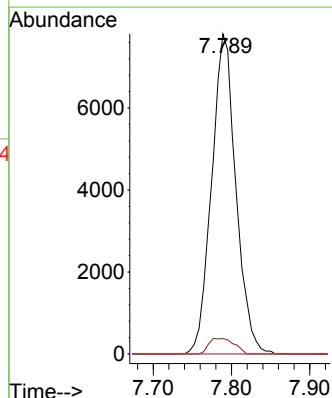
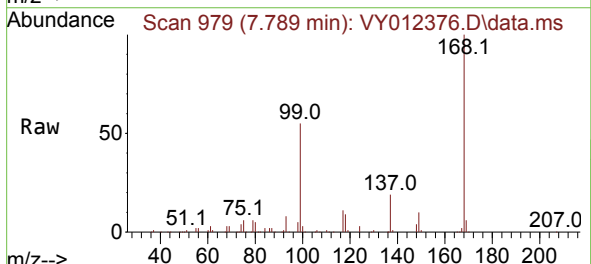
Tgt Ion: 117 Resp: 16808

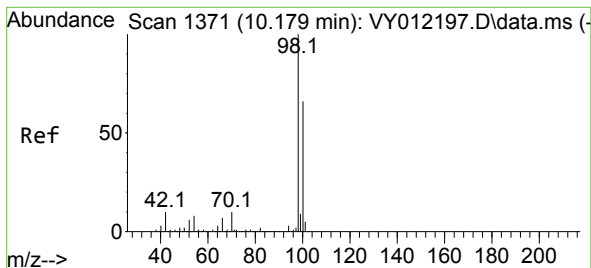
Ion Ratio Lower Upper

117 100

119 4.8 73.8 110.8#

121 0.0 25.2 37.8#





#50

Toluene-d8

Concen: 66.124 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

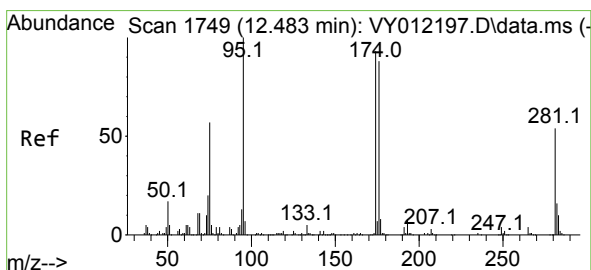
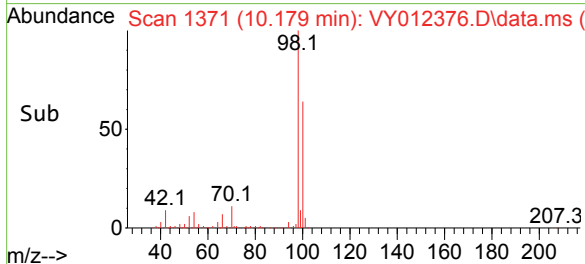
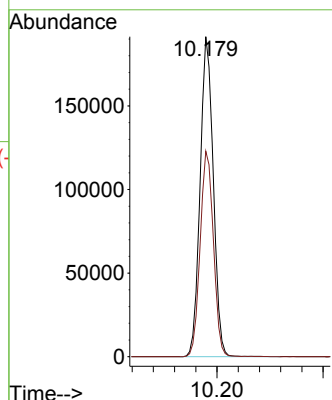
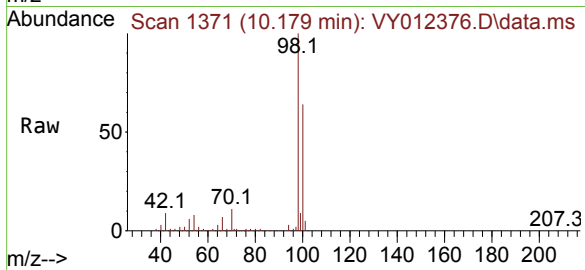
VY0127SBL06

Tgt Ion: 98 Resp: 328643

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.611 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

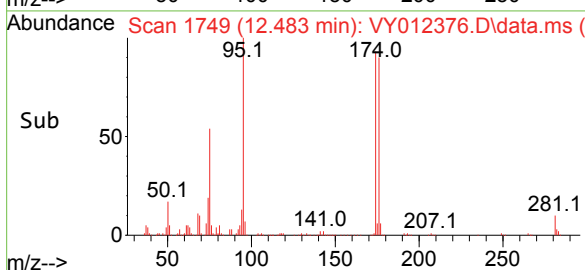
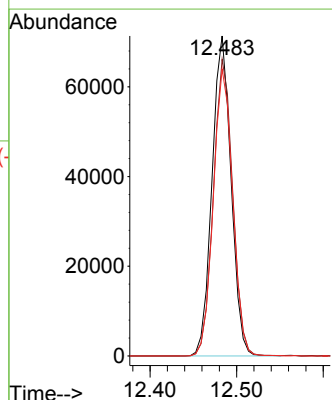
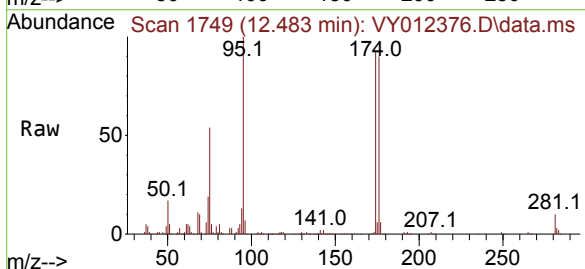
Tgt Ion: 95 Resp: 108682

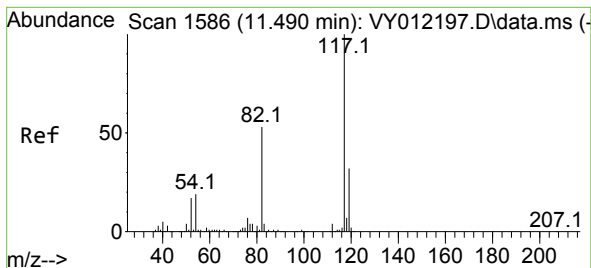
Ion Ratio Lower Upper

95 100

174 94.1 0.0 172.0

176 91.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBL06

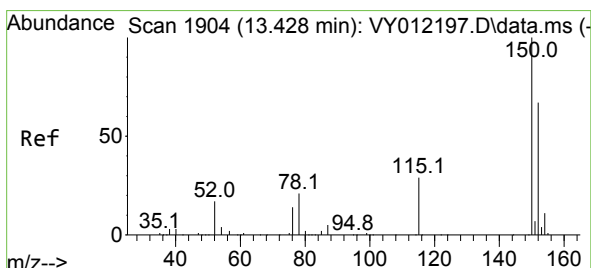
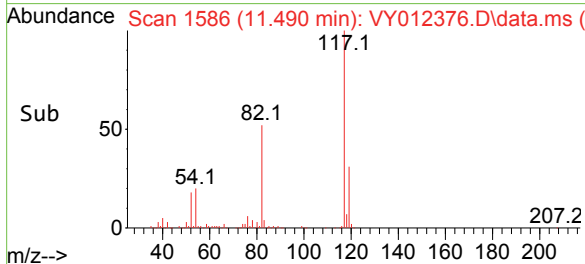
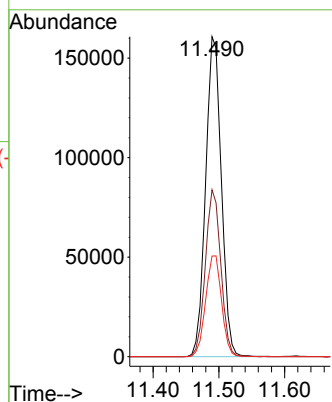
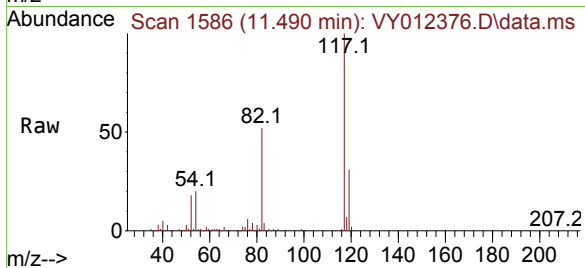
Tgt Ion:117 Resp: 267465

Ion Ratio Lower Upper

117 100

82 52.1 44.8 67.2

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012376.D

Acq: 27 Jan 2023 12:18

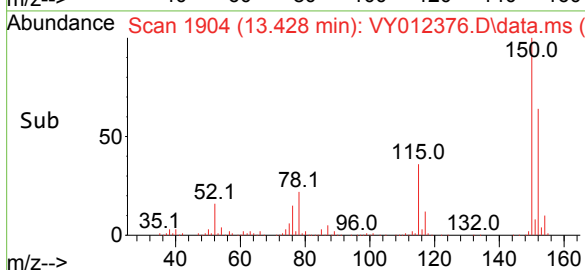
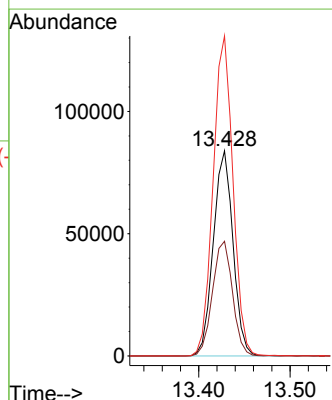
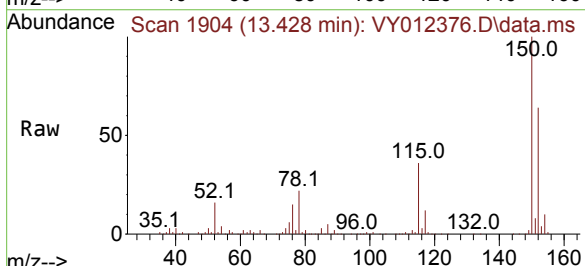
Tgt Ion:152 Resp: 125832

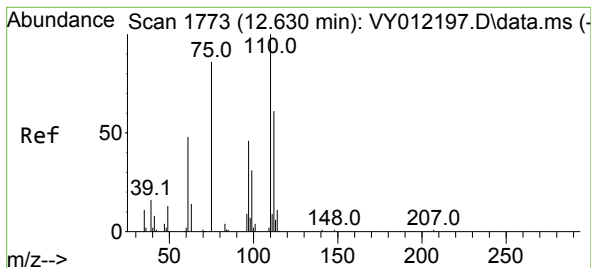
Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

150 156.9 0.0 342.6

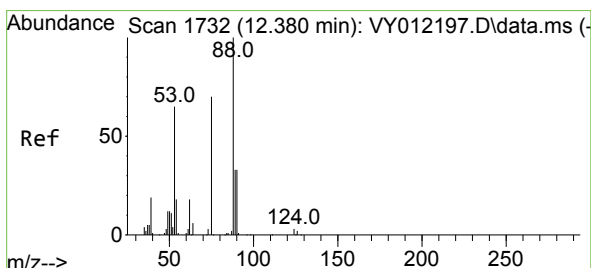
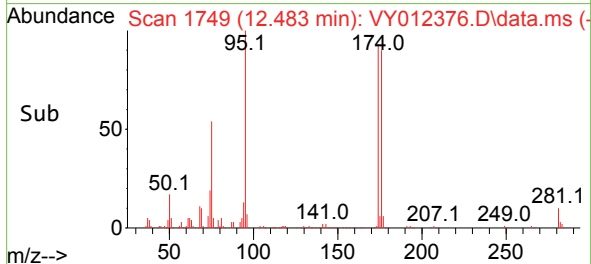
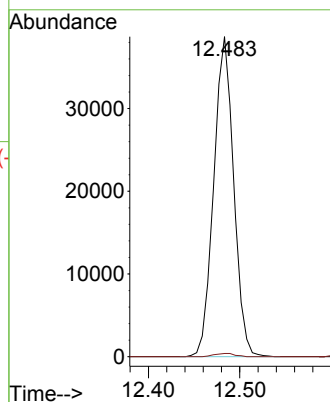
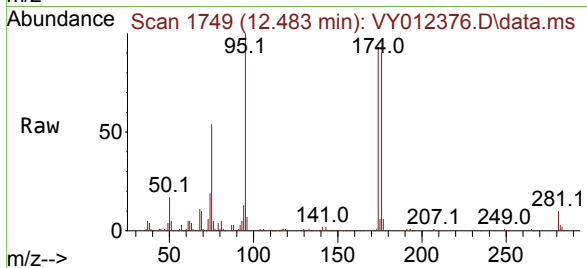




#76
1,2,3-Trichloropropane
Concen: 50.797 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBL06

Tgt Ion: 75 Resp: 58776
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012376.D
Acq: 27 Jan 2023 12:18

Tgt Ion: 75 Resp: 58776
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

