

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012125.D
 Acq On : 09 Jan 2023 20:51
 Operator : KP/MD
 Sample : 01057-04
 Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3

Quant Time: Jan 10 01:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

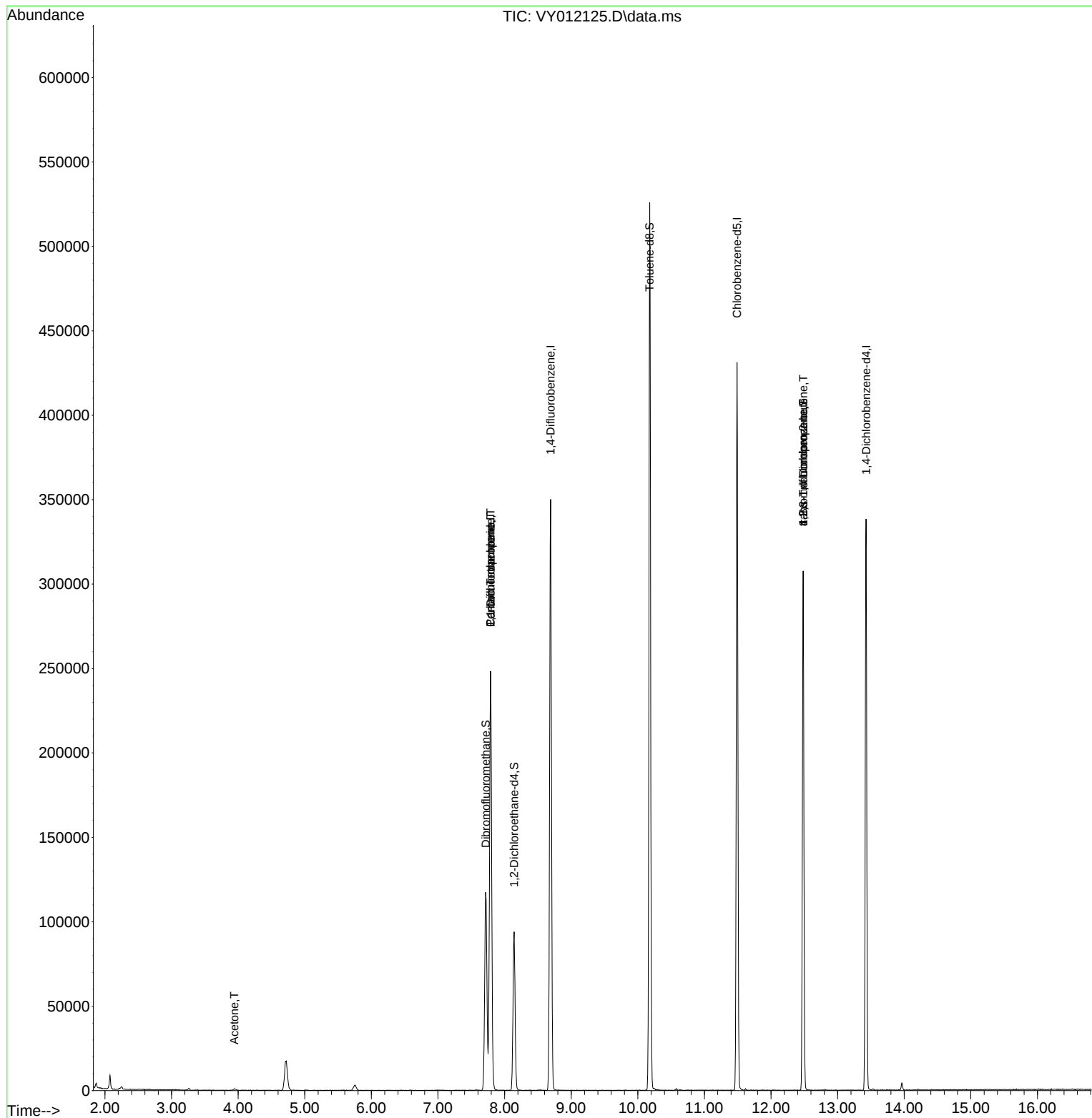
Internal Standards						
1) Pentafluorobenzene	7.789	168	192709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76421	35.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.580%
35) Dibromofluoromethane	7.716	113	80740	40.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.420%
50) Toluene-d8	10.179	98	351580	44.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.483	95	87693	32.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55	Below Cal	#	41
3) Chloromethane	2.113	50	84	Below Cal	#	41
5) Bromomethane	2.668	94	92	Below Cal		95
16) Acetone	3.942	43	1546	3.035	ug/l	92
31) Cyclohexane	7.789	56	3769	Below Cal	#	26
36) 1,1-Dichloropropene	7.789	75	13084	4.348	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	19091	4.999	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	49080	46.818	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	49080	103.976	ug/l	# 13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
Data File : VY012125.D
Acq On : 09 Jan 2023 20:51
Operator : KP/MD
Sample : 01057-04
Misc : 6.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

Quant Time: Jan 10 01:51:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
Response via : Initial Calibration

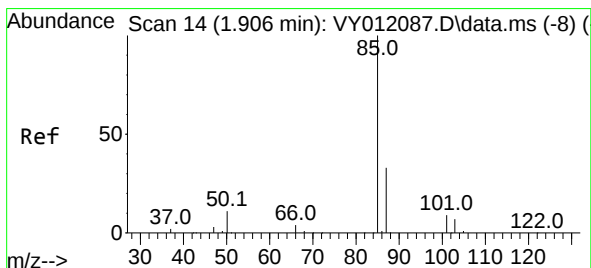
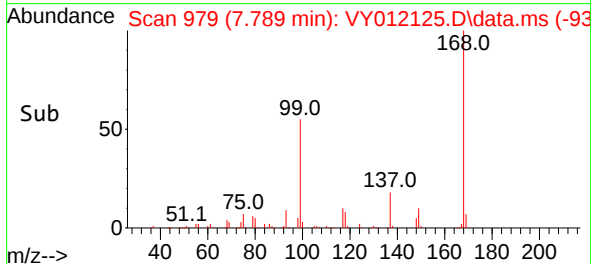
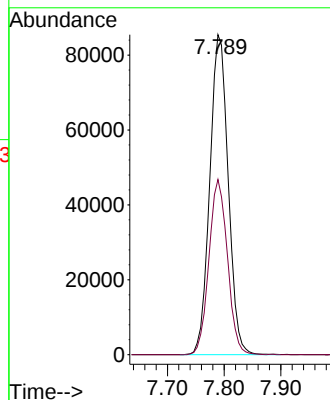
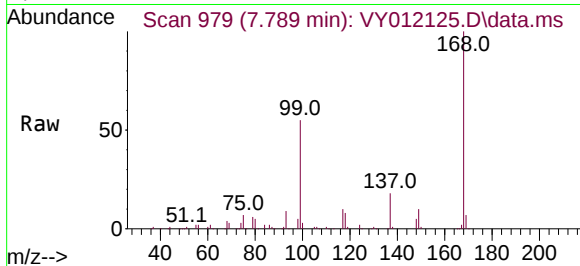




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

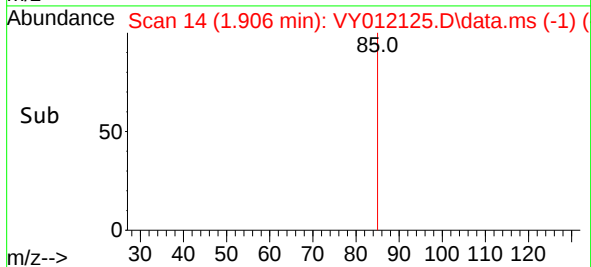
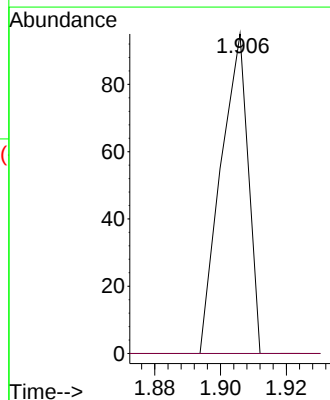
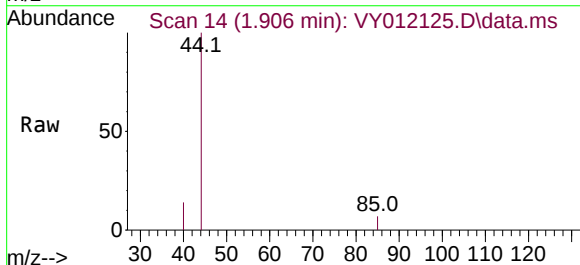
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

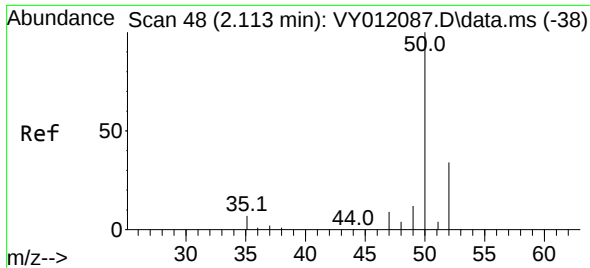
Tgt Ion:168 Resp: 192709
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

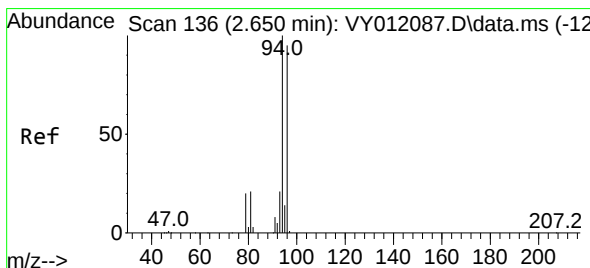
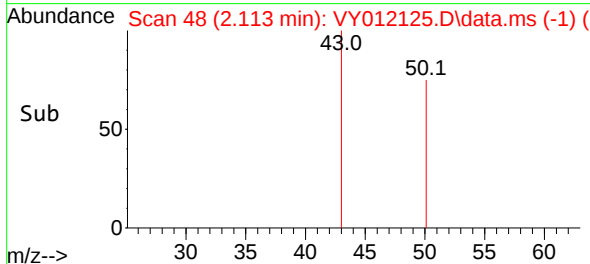
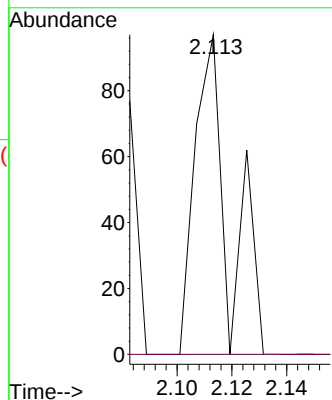
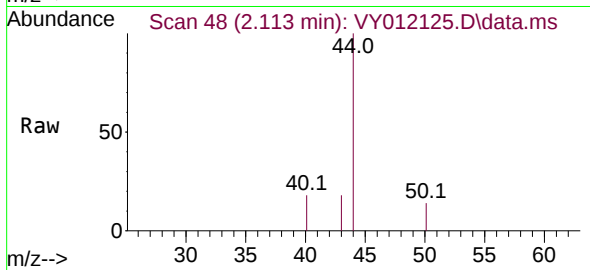




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

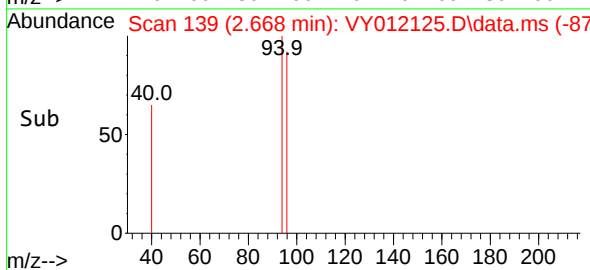
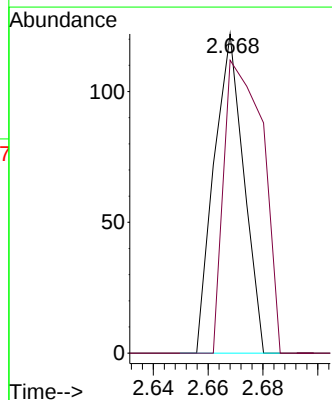
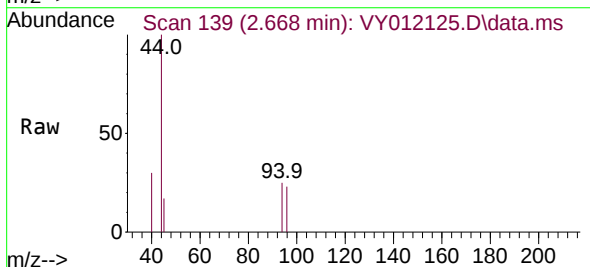
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

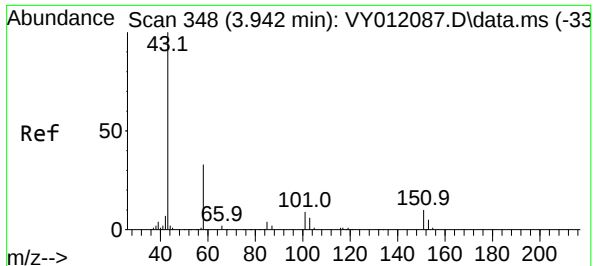
Tgt Ion: 50 Resp: 84
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 91.8 77.4 116.2





#16

Acetone

Concen: 3.035 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY012125.D

Acq: 09 Jan 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

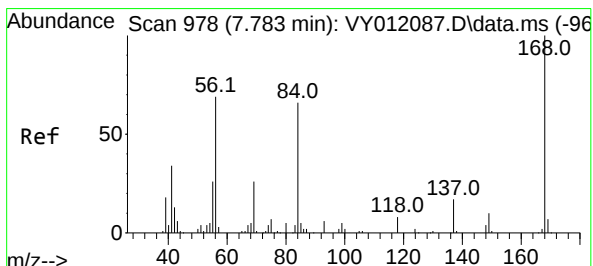
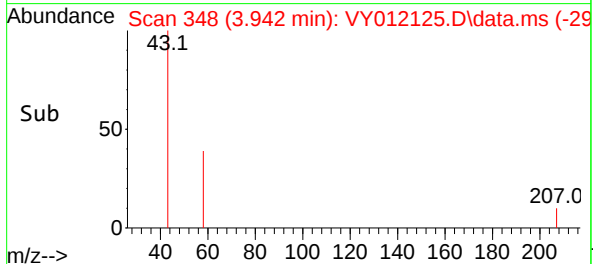
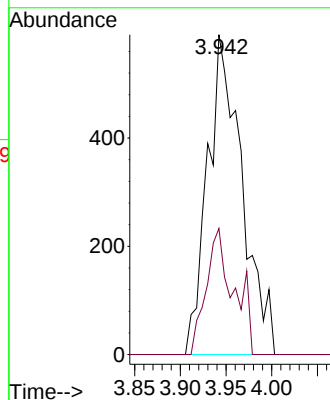
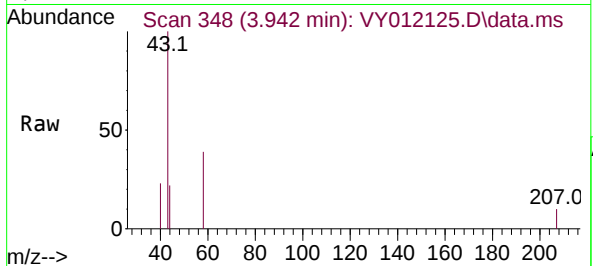
VOC-3

Tgt Ion: 43 Resp: 1546

Ion Ratio Lower Upper

43 100

58 39.4 27.9 41.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012125.D

Acq: 09 Jan 2023 20:51

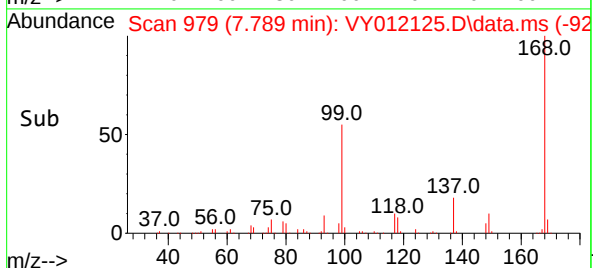
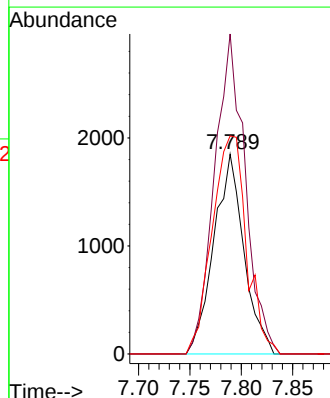
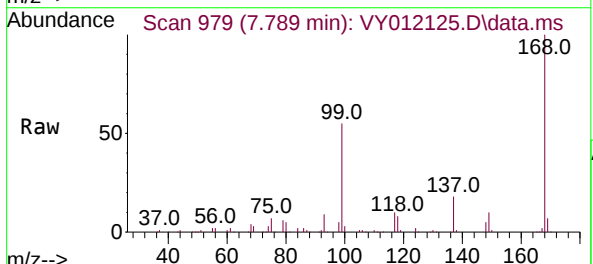
Tgt Ion: 56 Resp: 3769

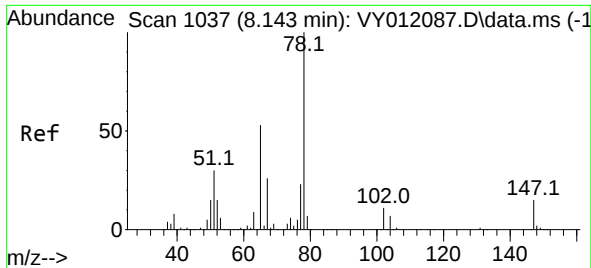
Ion Ratio Lower Upper

56 100

69 160.2 29.2 43.8#

84 109.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 35.292 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012125.D

Acq: 09 Jan 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

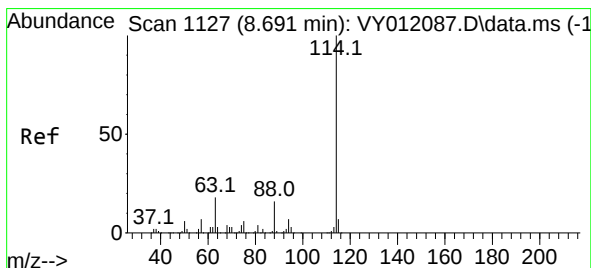
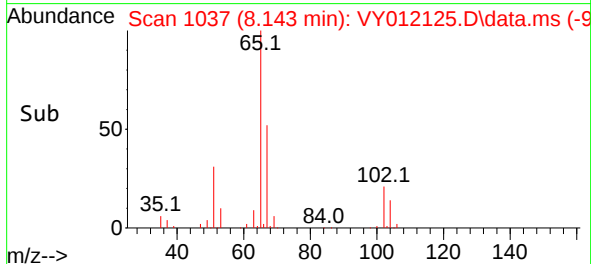
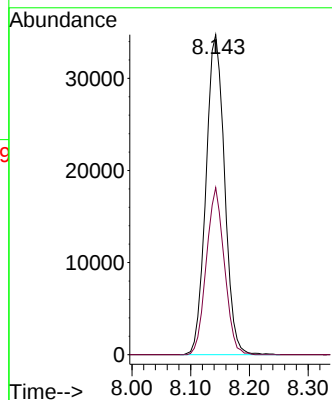
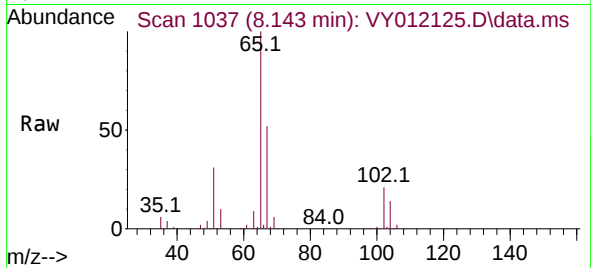
VOC-3

Tgt Ion: 65 Resp: 76421

Ion Ratio Lower Upper

65 100

67 50.6 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: VY012125.D

Acq: 09 Jan 2023 20:51

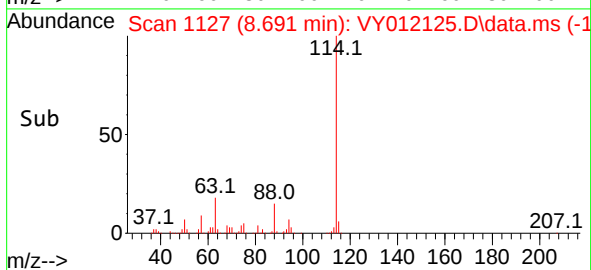
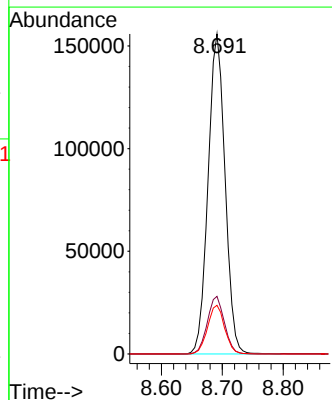
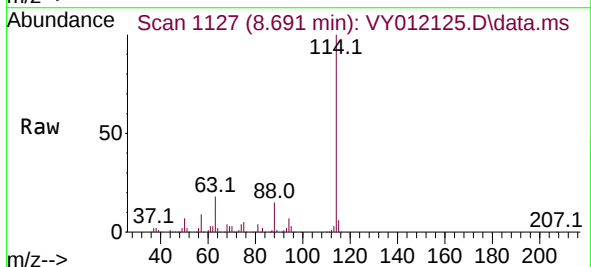
Tgt Ion: 114 Resp: 301733

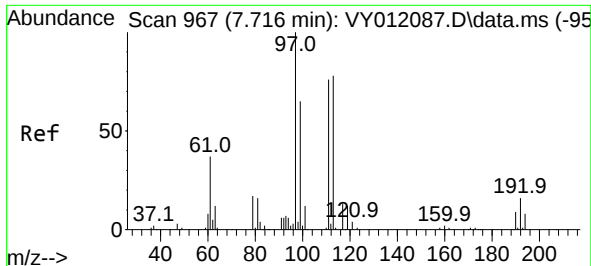
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.2 0.0 32.2

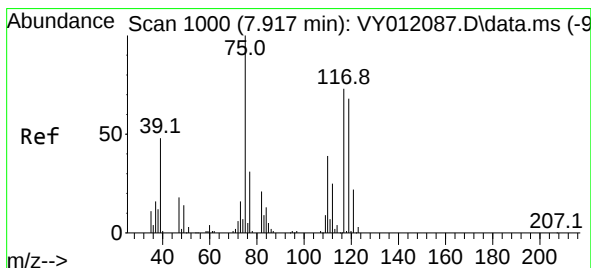
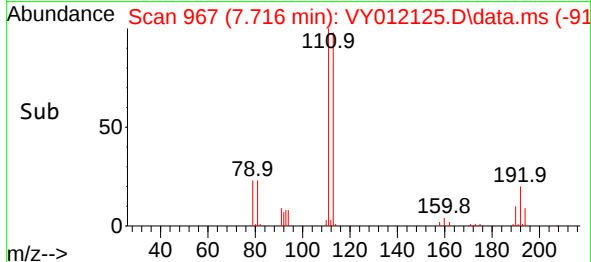
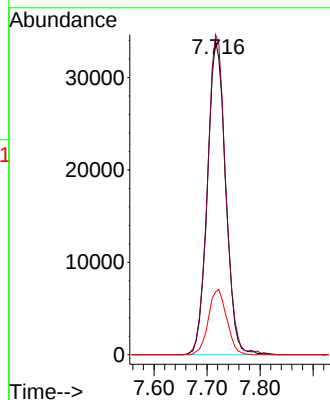
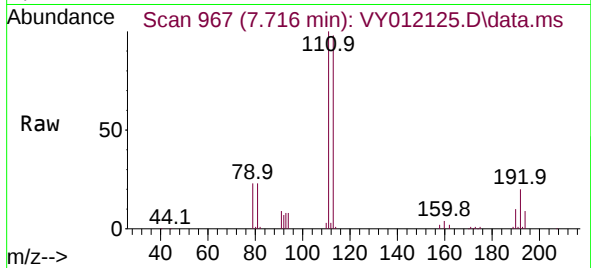




#35
Dibromofluoromethane
Concen: 40.711 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

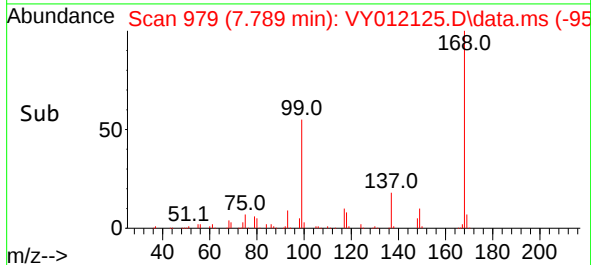
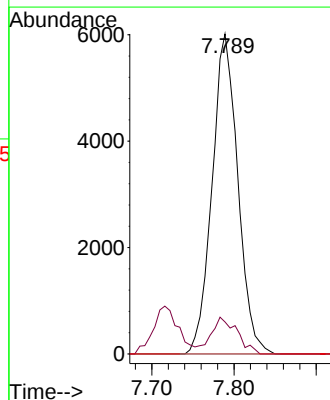
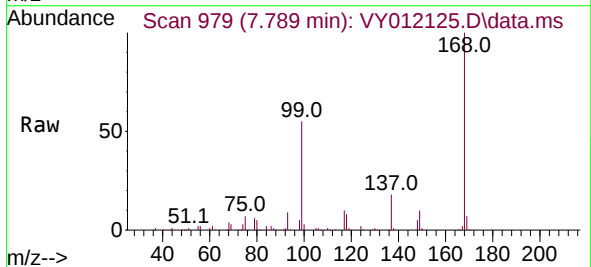
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

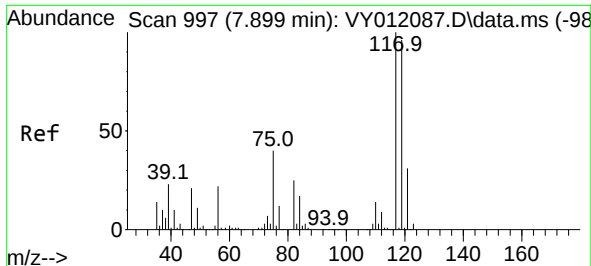
Tgt Ion:113 Resp: 80740
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.348 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

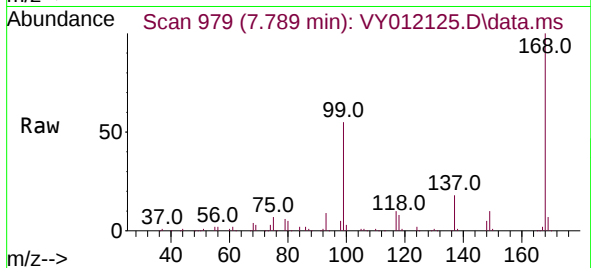
Tgt Ion: 75 Resp: 13084
Ion Ratio Lower Upper
75 100
110 11.8 18.1 54.1#
77 0.0 25.1 37.7#



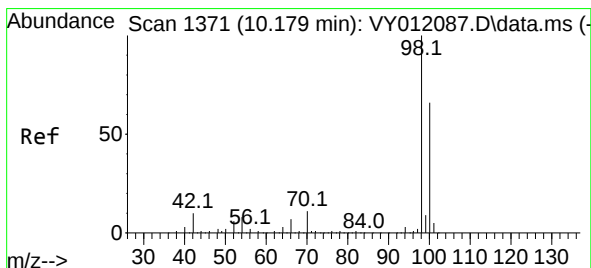
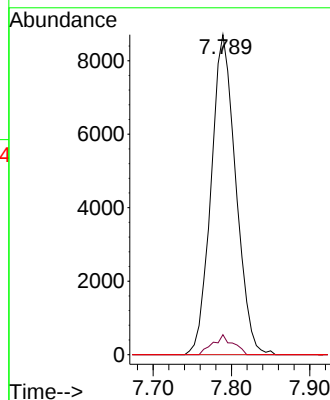
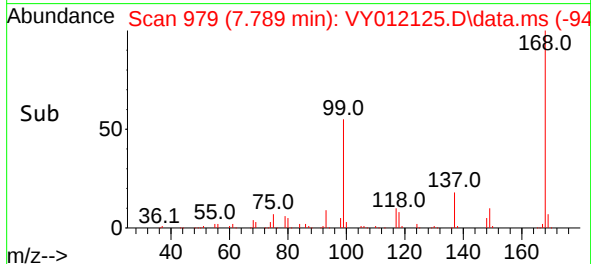


#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

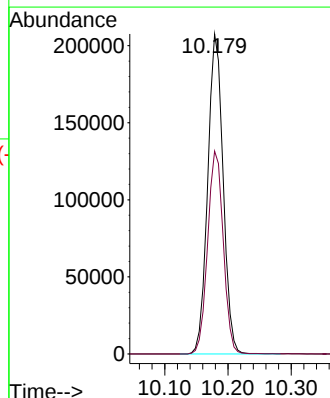
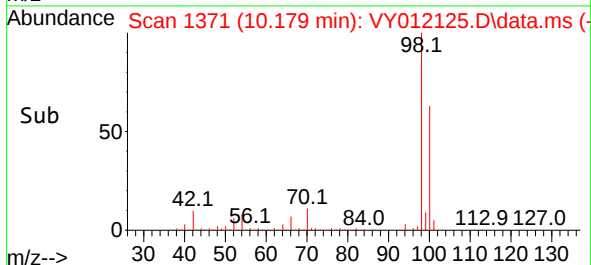
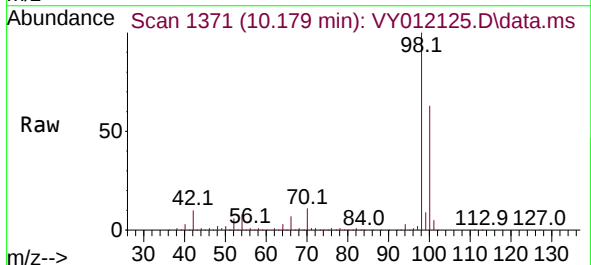


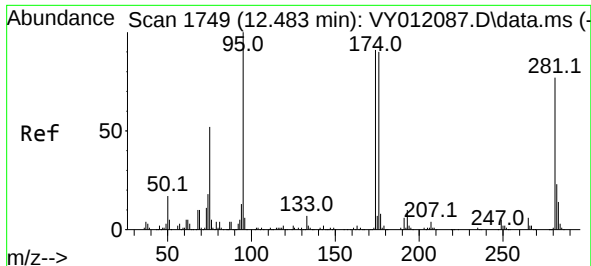
Tgt Ion:117 Resp: 19091
Ion Ratio Lower Upper
117 100
119 6.3 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 44.914 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

Tgt Ion: 98 Resp: 351580
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

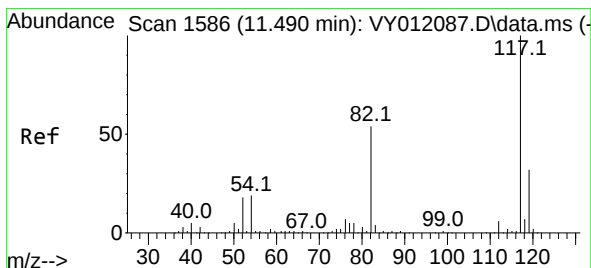
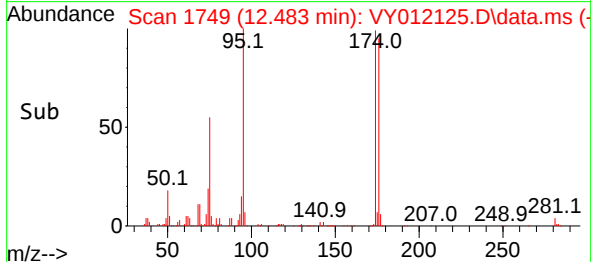
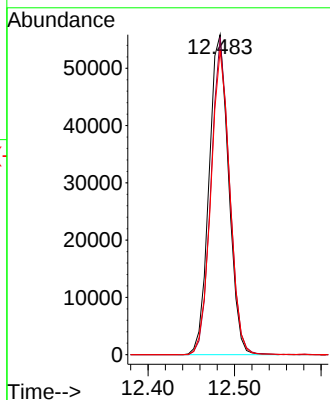
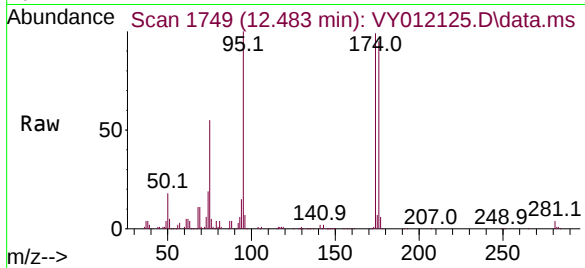




#62
4-Bromofluorobenzene
Concen: 32.049 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

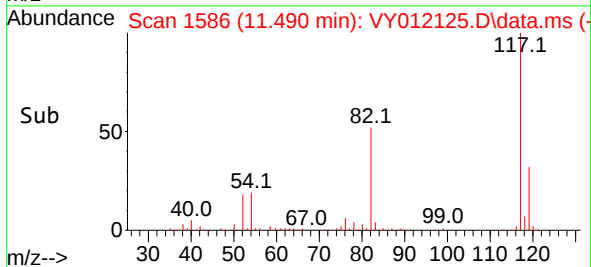
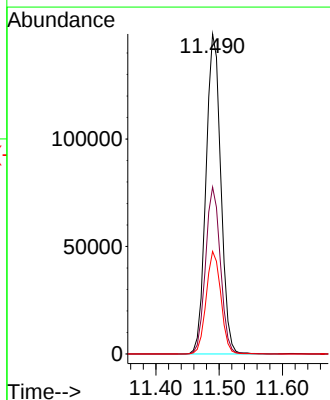
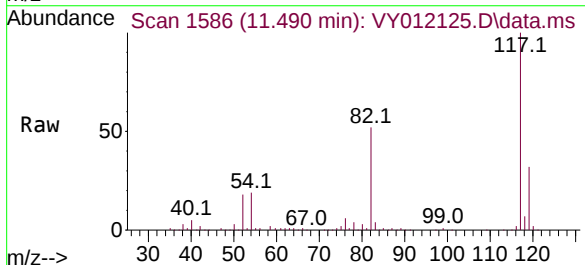
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3

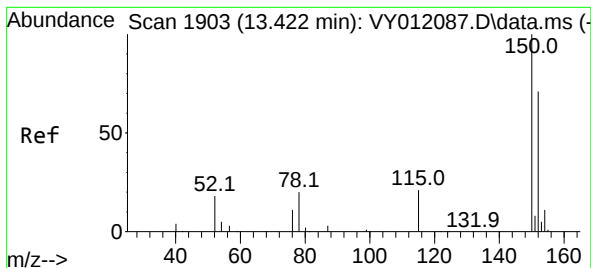
Tgt Ion: 95 Resp: 87693
Ion Ratio Lower Upper
95 100
174 93.5 0.0 172.0
176 91.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012125.D
Acq: 09 Jan 2023 20:51

Tgt Ion: 117 Resp: 243179
Ion Ratio Lower Upper
117 100
82 52.1 44.8 67.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY012125.D

Acq: 09 Jan 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3

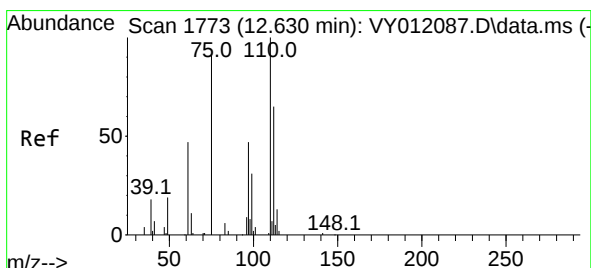
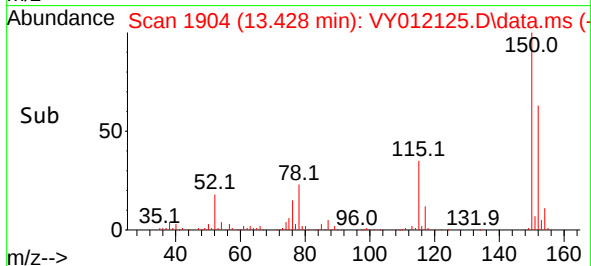
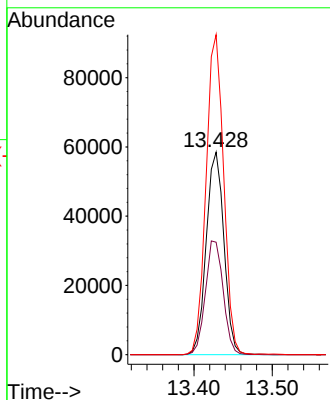
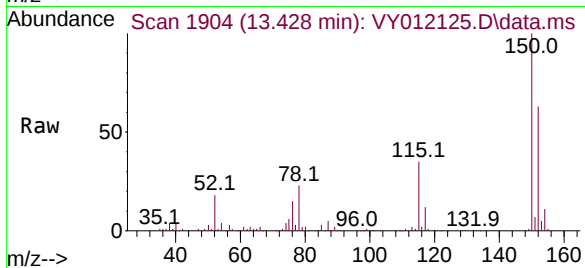
Tgt Ion:152 Resp: 91812

Ion Ratio Lower Upper

152 100

115 56.5 29.1 87.3

150 156.7 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 46.818 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY012125.D

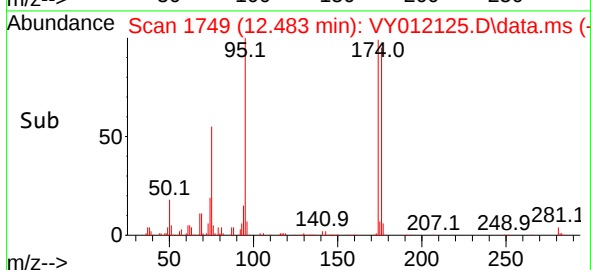
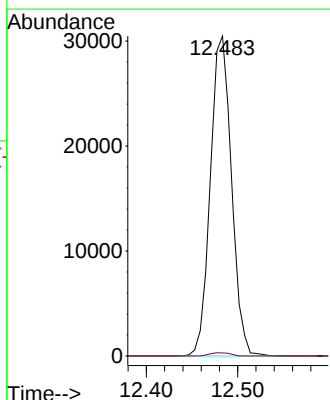
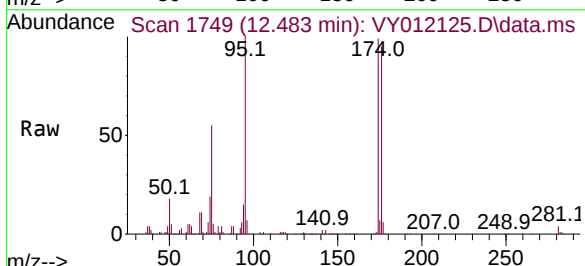
Acq: 09 Jan 2023 20:51

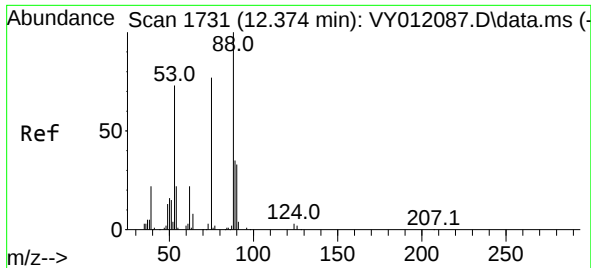
Tgt Ion: 75 Resp: 49080

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.976 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012125.D
 Acq: 09 Jan 2023 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3

Tgt Ion: 75 Resp: 49080
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.5 108.7#
 89 0.0 37.0 55.4#

