

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
 Data File : VY012505.D
 Acq On : 06 Feb 2023 19:06
 Operator : KP/MD
 Sample : 01414-06RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 03:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 03:42:26 2023
 Response via : Initial Calibration

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

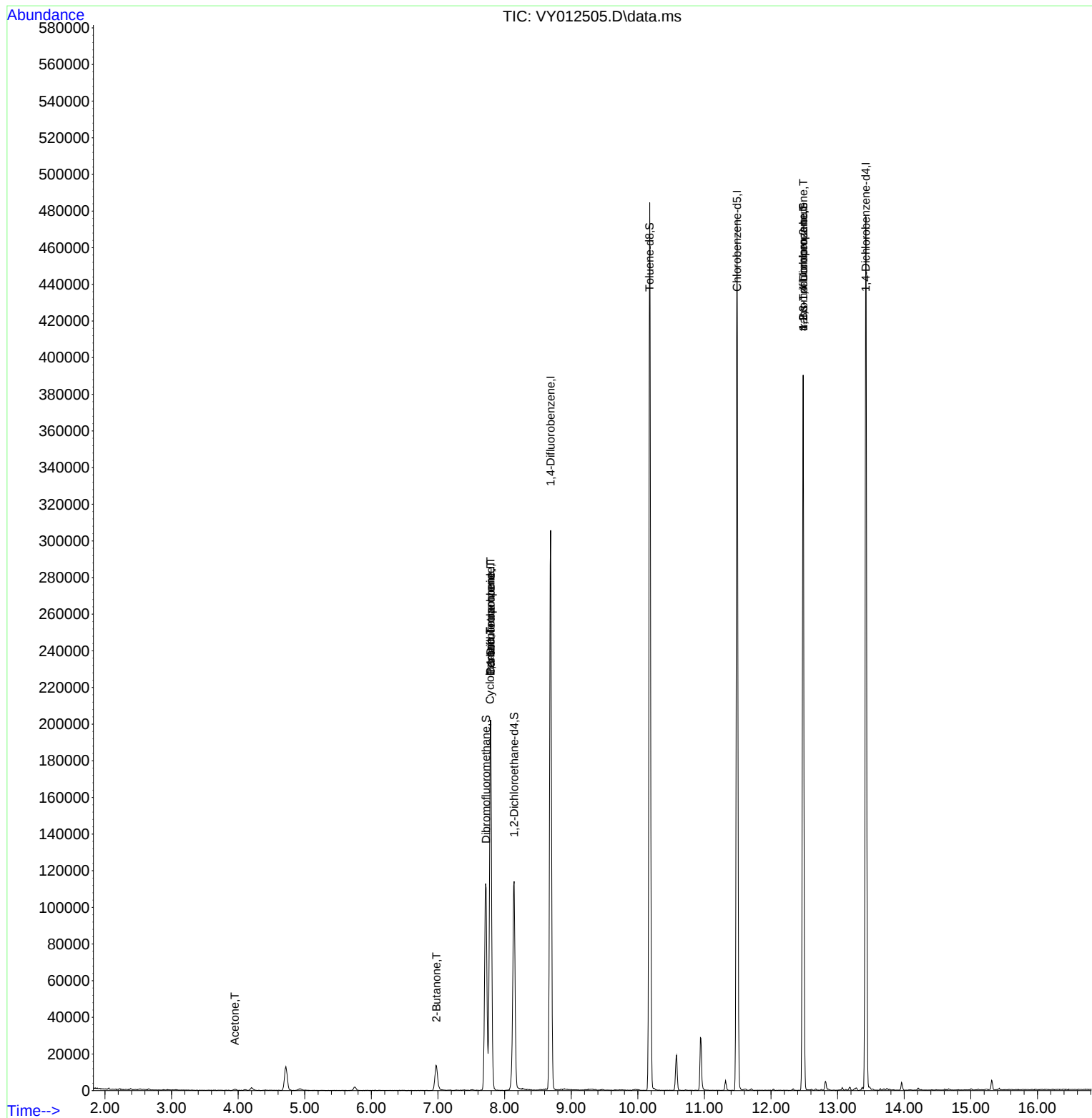
Internal Standards						
1) Pentafluorobenzene	7.789	168	158911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93425	47.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.722	113	78584	41.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.120%
50) Toluene-d8	10.179	98	321573	40.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.820%
62) 4-Bromofluorobenzene	12.483	95	108292	40.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	224	Below Cal		83
11) Tert butyl alcohol	4.930	59	710	Below Cal	#	74
16) Acetone	3.948	43	1267	2.604	ug/l	88
20) Methylene Chloride	4.722	84	10457	Below Cal	#	82
25) 2-Butanone	6.978	43	969	1.735	ug/l	93
31) Cyclohexane	7.783	56	2852	1.197	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	11074	4.332	ug/l	# 52
38) Carbon Tetrachloride	7.789	117	15711	4.567	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	57105	40.403	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57105	89.439	ug/l	# 13

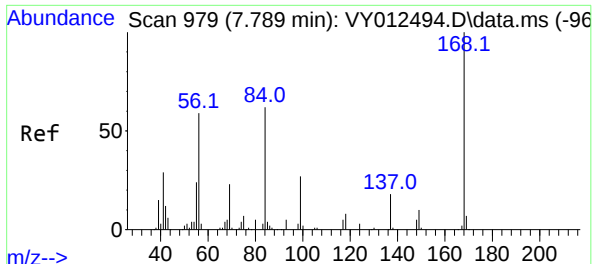
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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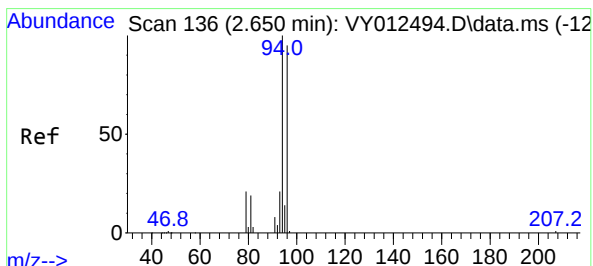
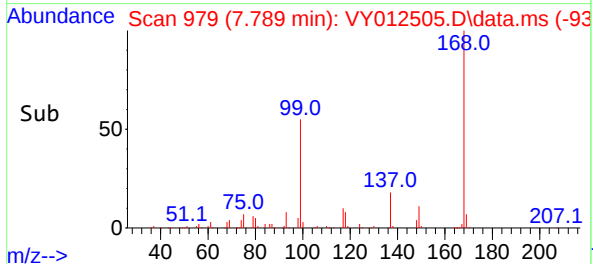
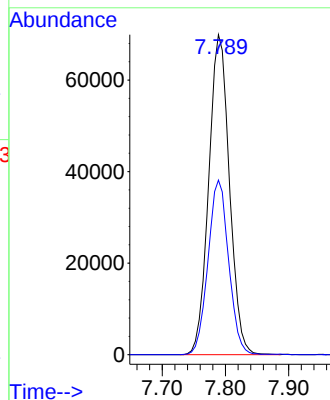
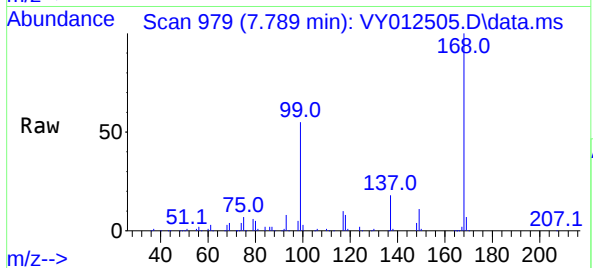




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

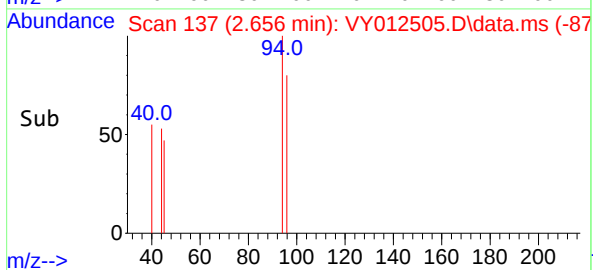
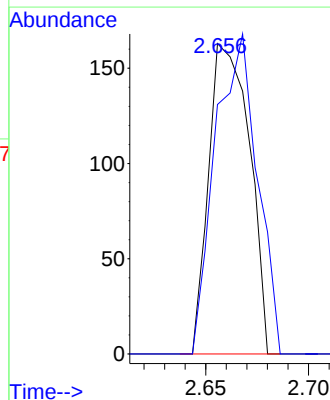
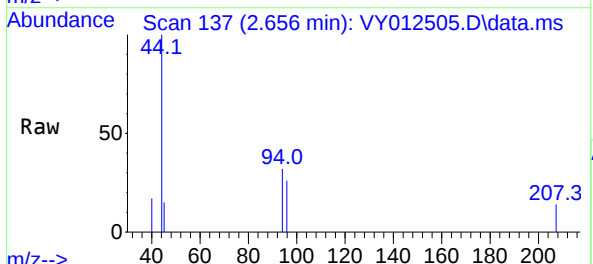
Instrument :
MSVOA_Y
ClientSampleId :

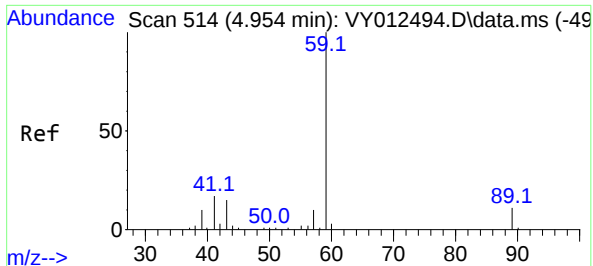
Tgt Ion:168 Resp: 158911
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 80.4 77.4 116.2

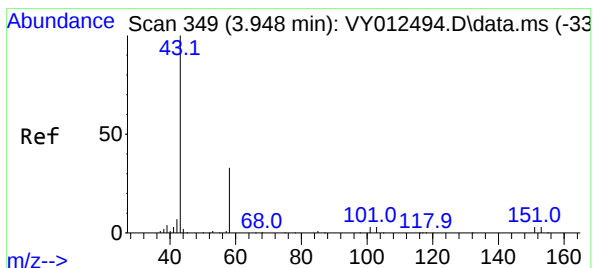
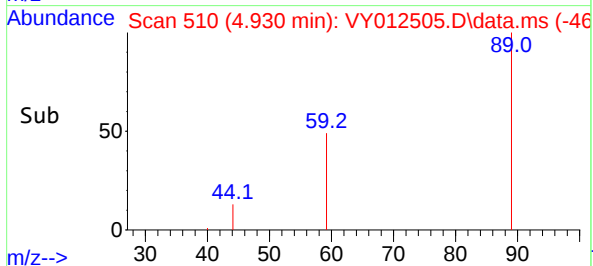
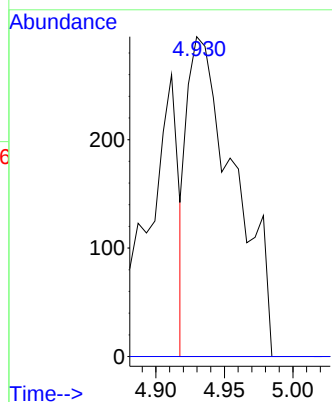
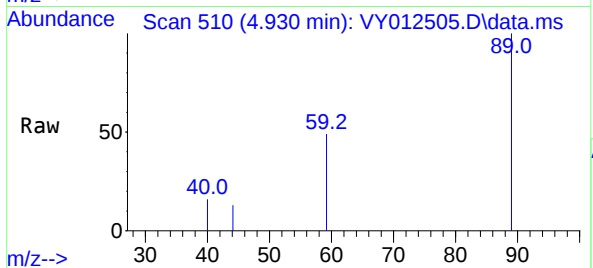




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

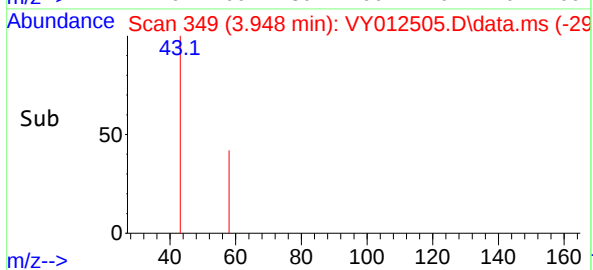
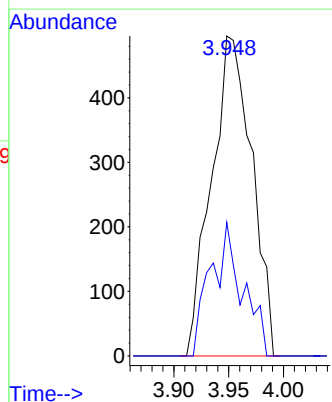
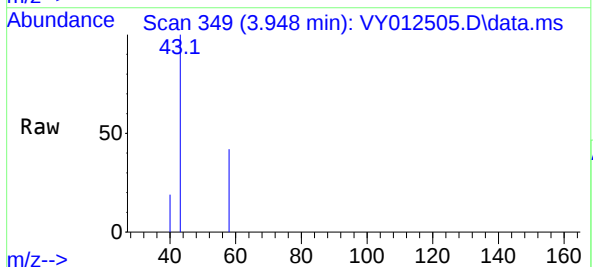
Instrument :
MSVOA_Y
ClientSampleId :

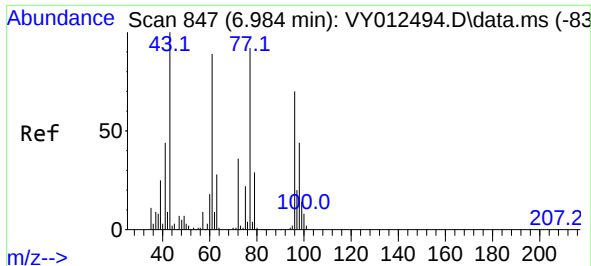
Tgt Ion: 59 Resp: 710
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.604 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 41.7 27.9 41.9





#25

2-Butanone

Concen: 1.735 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

Instrument :

MSVOA_Y

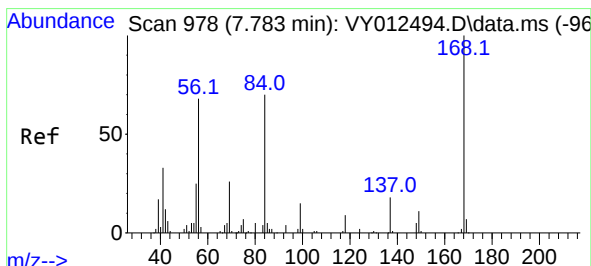
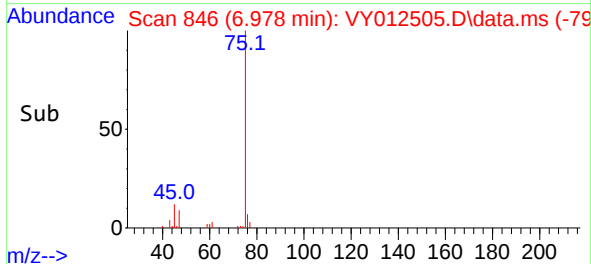
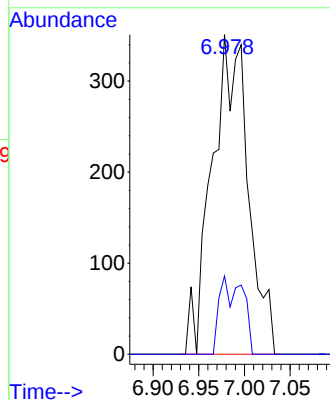
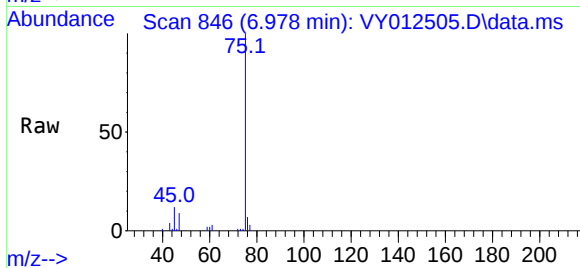
ClientSampleId :

Tgt Ion: 43 Resp: 969

Ion Ratio Lower Upper

43 100

72 24.5 22.6 34.0



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012505.D

Acq: 06 Feb 2023 19:06

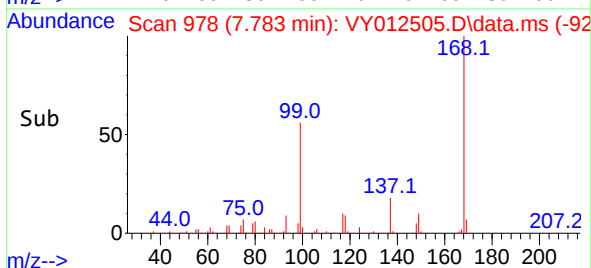
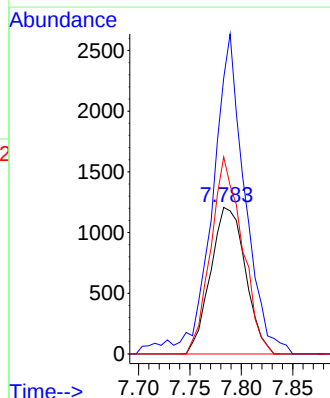
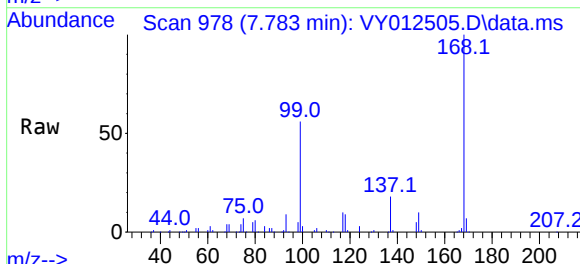
Tgt Ion: 56 Resp: 2852

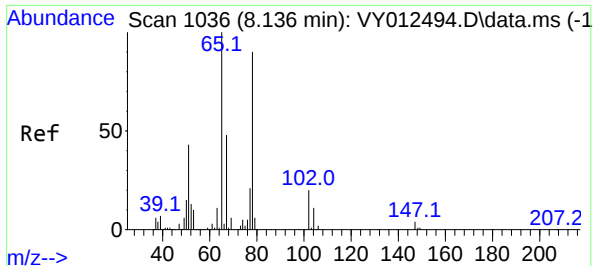
Ion Ratio Lower Upper

56 100

69 180.7 29.2 43.8#

84 134.3 72.6 108.8#

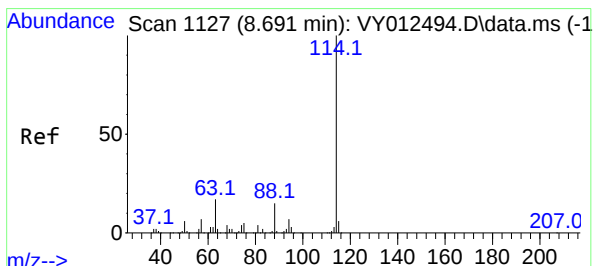
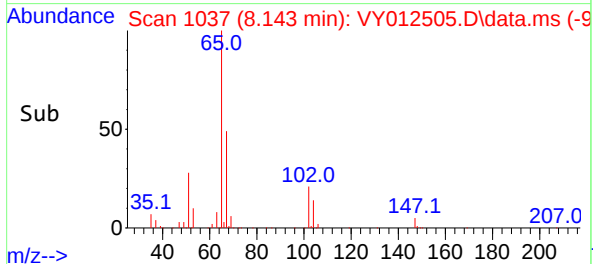
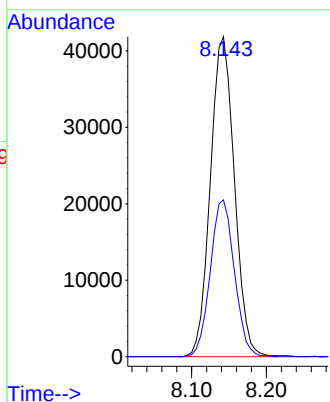
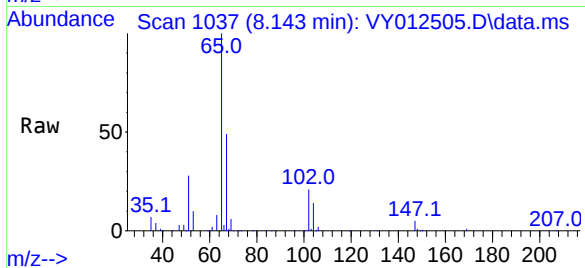




#33
1,2-Dichloroethane-d4
Concen: 47.377 ug/l
RT: 8.143 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

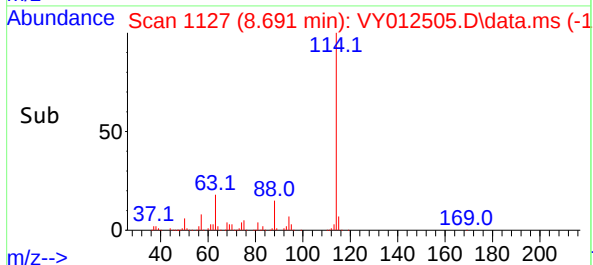
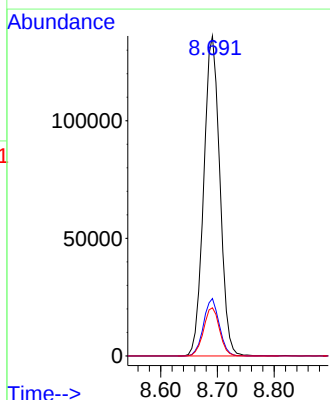
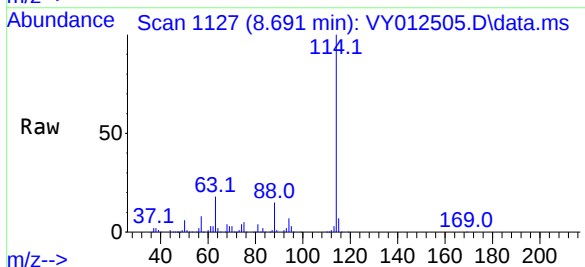
Instrument :
MSVOA_Y
ClientSampleId :

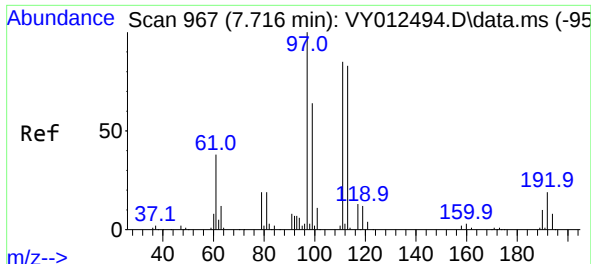
Tgt Ion: 65 Resp: 93425
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

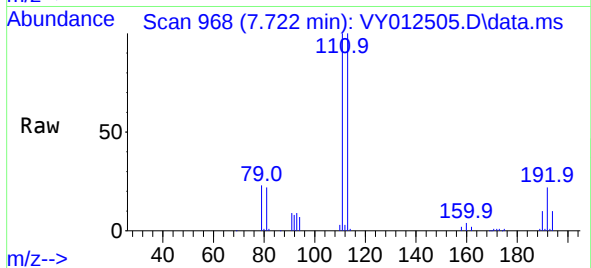
Tgt Ion:114 Resp: 268093
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 15.1 0.0 32.2



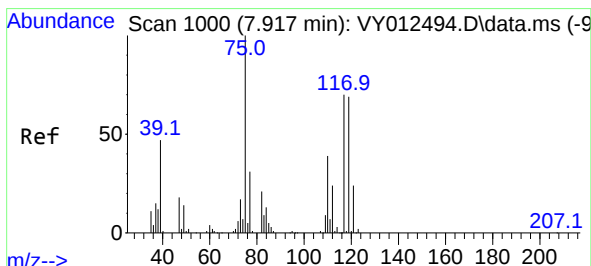
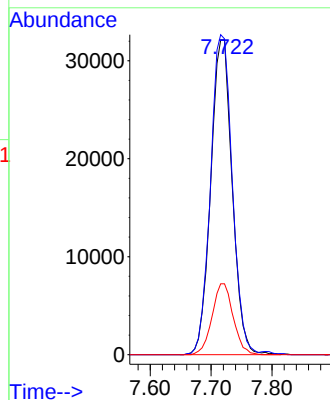
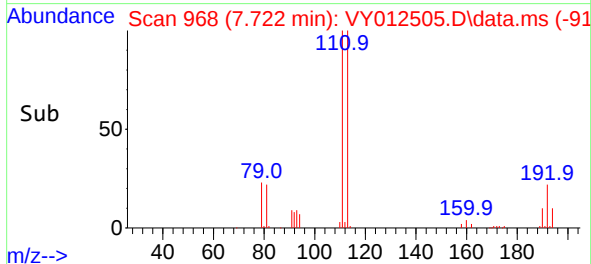


#35
Dibromofluoromethane
Concen: 41.557 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

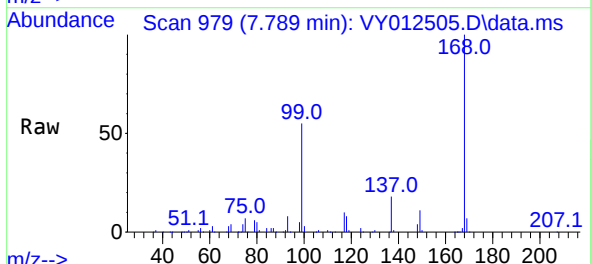
Instrument :
MSVOA_Y
ClientSampleId :



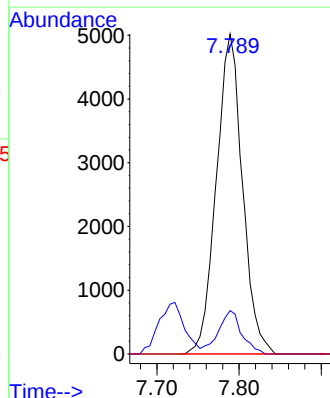
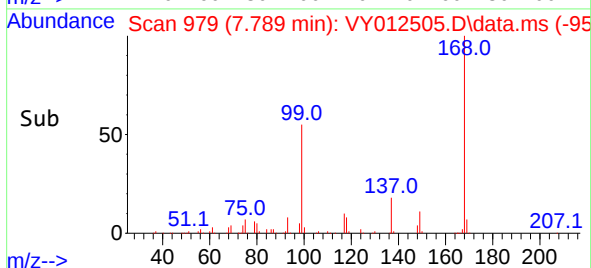
Tgt Ion:113 Resp: 78584
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 22.2 16.0 24.0

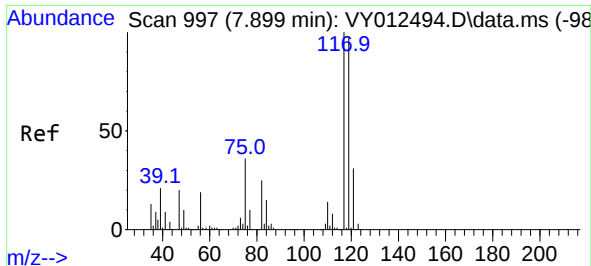


#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06



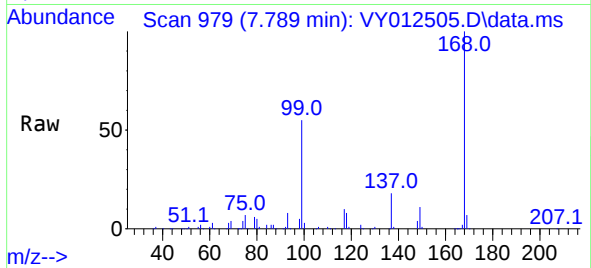
Tgt Ion: 75 Resp: 11074
Ion Ratio Lower Upper
75 100
110 12.1 18.1 54.1#
77 0.0 25.1 37.7#



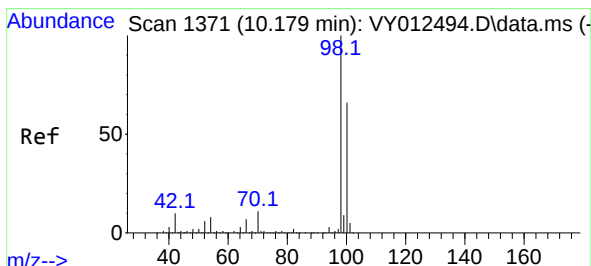
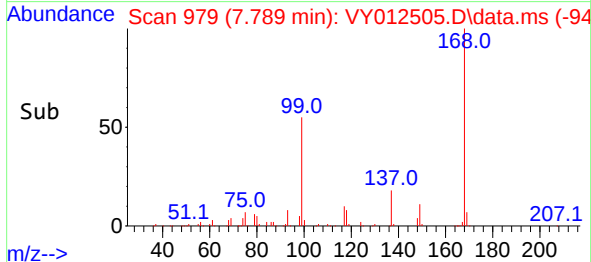
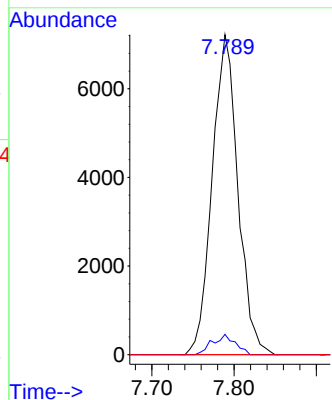


#38
Carbon Tetrachloride
Concen: 4.567 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Instrument :
MSVOA_Y
ClientSampleId :

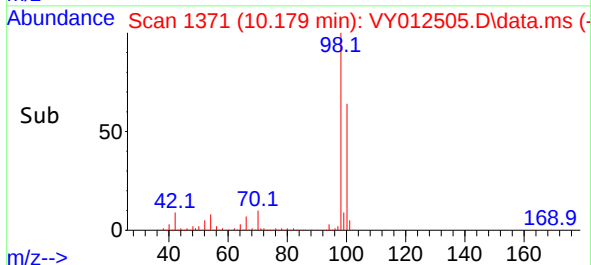
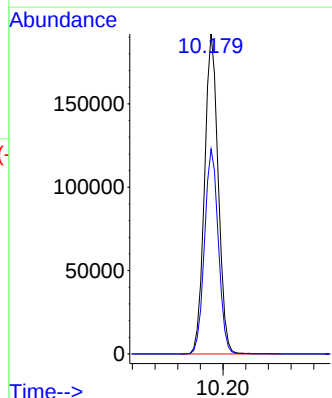
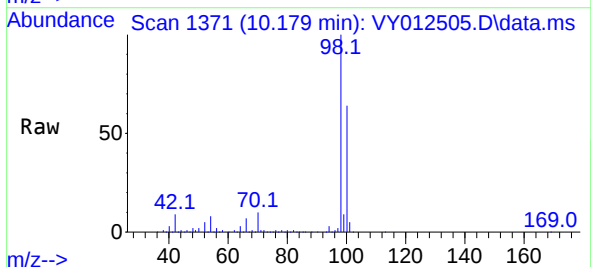


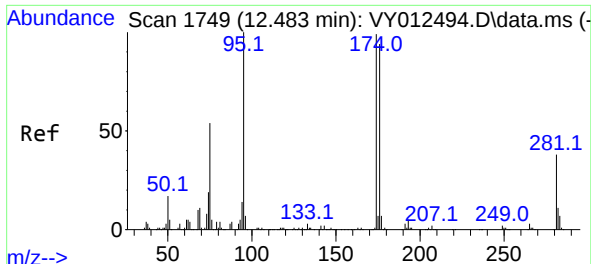
Tgt Ion:117 Resp: 15711
Ion Ratio Lower Upper
117 100
119 6.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 40.911 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

Tgt Ion: 98 Resp: 321573
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

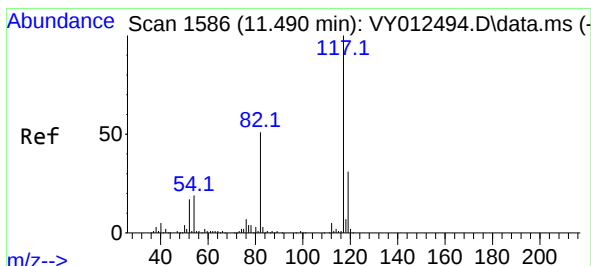
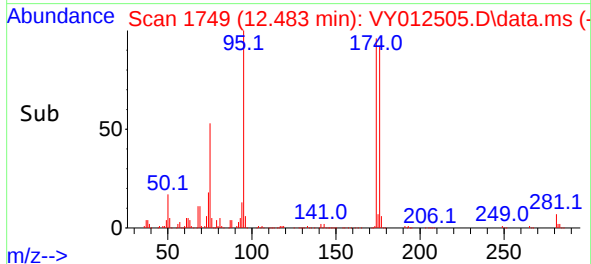
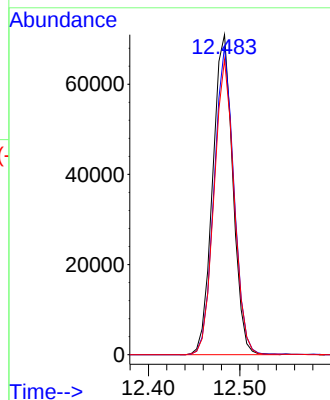
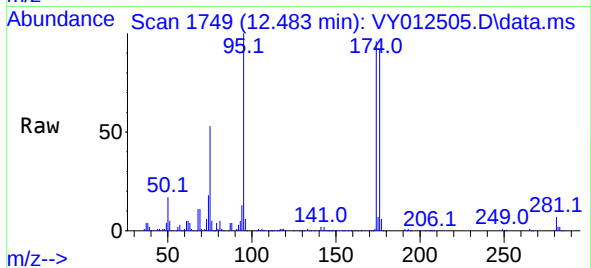




#62
4-Bromofluorobenzene
Concen: 40.993 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

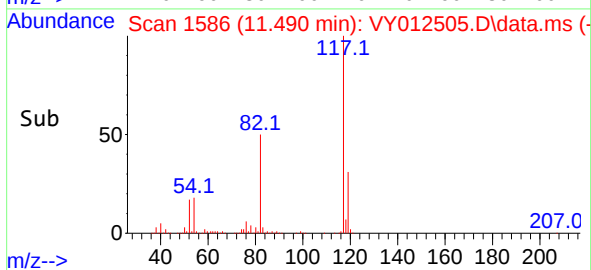
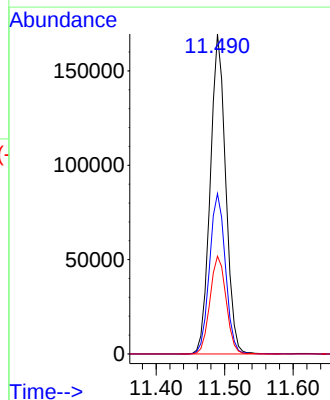
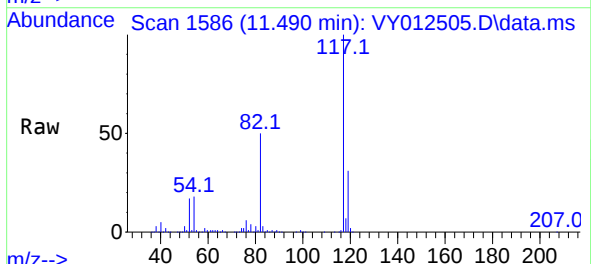
Instrument :
MSVOA_Y
ClientSampleId :

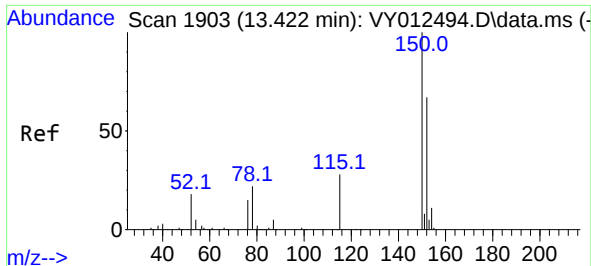
Tgt Ion: 95 Resp: 108292
Ion Ratio Lower Upper
95 100
174 94.9 0.0 172.0
176 91.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012505.D
Acq: 06 Feb 2023 19:06

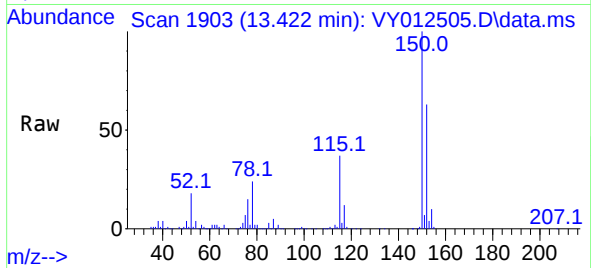
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Ion Ratio Lower Upper
117 100
82 50.1 44.8 67.2
119 30.6 25.4 38.2





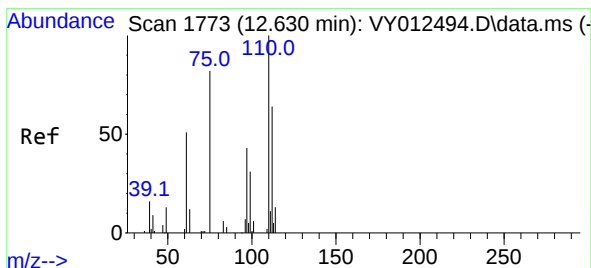
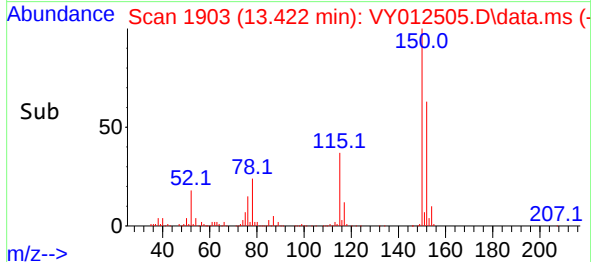
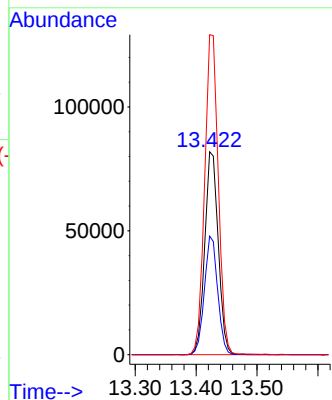
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY012505.D
 Acq: 06 Feb 2023 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 126603

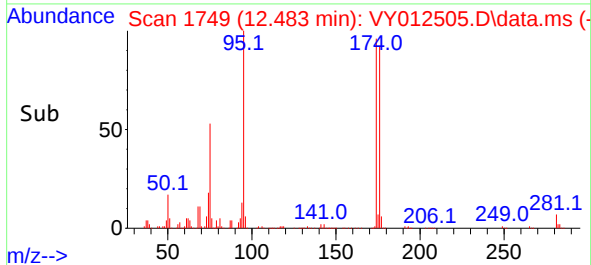
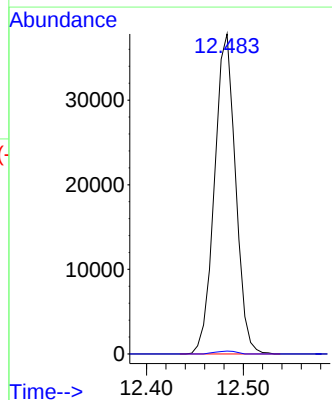
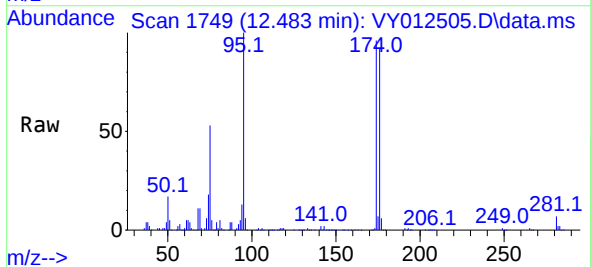
Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.1	87.3
150	159.0	0.0	342.6

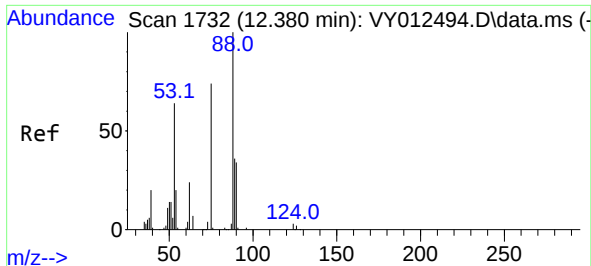


#76
 1,2,3-Trichloropropane
 Concen: 40.403 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012505.D
 Acq: 06 Feb 2023 19:06

Tgt Ion: 75 Resp: 57105

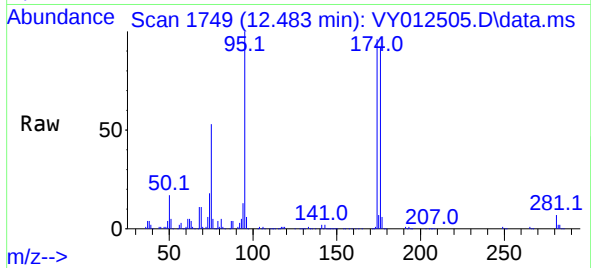
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.439 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012505.D
 Acq: 06 Feb 2023 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57105
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

