

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016668.D
 Acq On : 16 Dec 2023 14:52
 Operator : SY/MD
 Sample : 05611-06RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:39:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

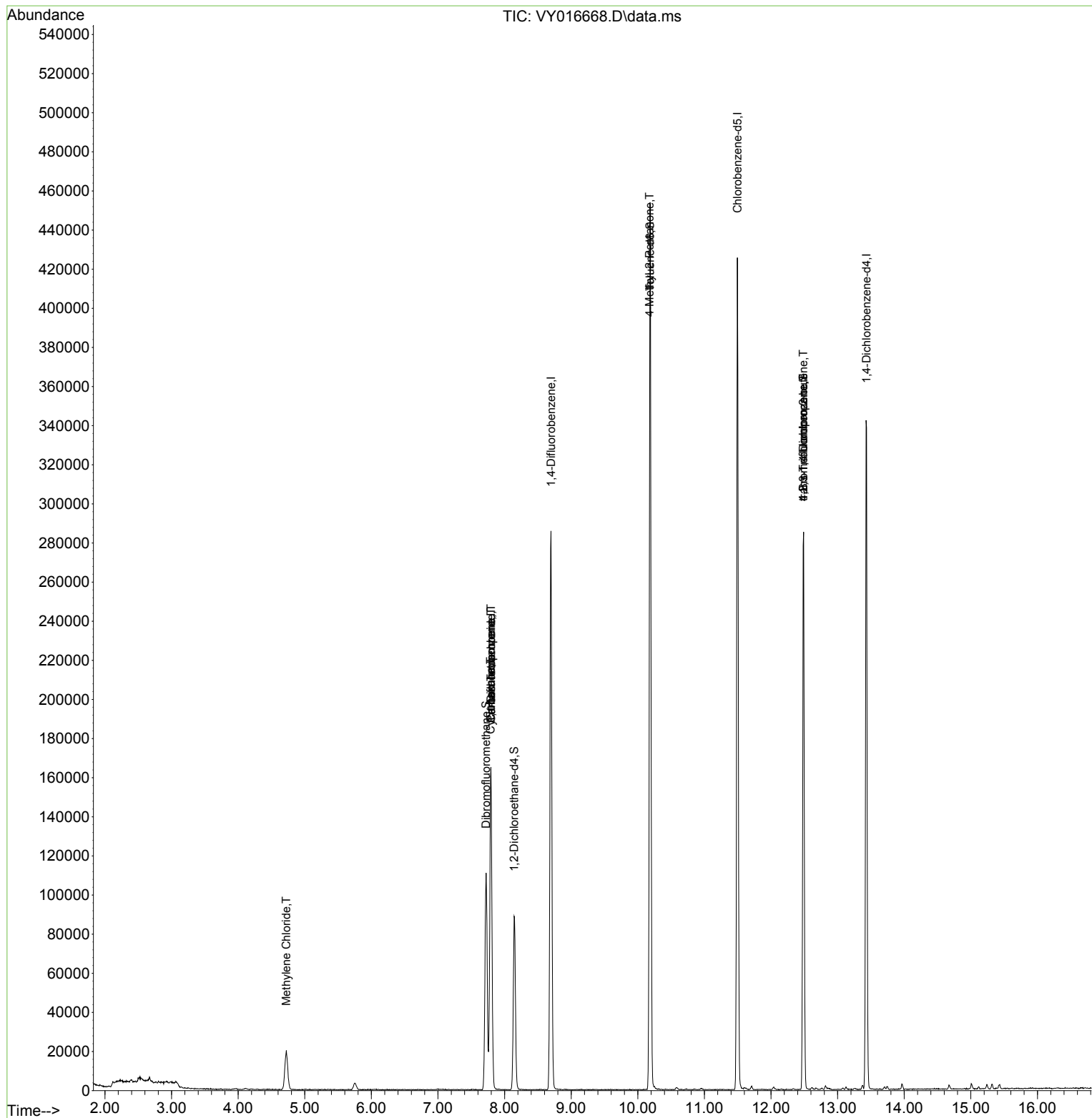
Internal Standards						
1) Pentafluorobenzene	7.795	168	133560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	239864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67899	62.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.722	113	78646	57.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.185	98	301419	55.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.880%	
62) 4-Bromofluorobenzene	12.483	95	87793	50.358	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	99	Below Cal	#	14
16) Acetone	3.960	43	822	Below Cal	#	46
20) Methylene Chloride	4.722	84	15645	6.891	ug/l	86
25) 2-Butanone	6.990	43	121	Below Cal	#	49
31) Cyclohexane	7.789	56	2530	1.173	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	9557	4.242	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	12886	5.694	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	1076	1.202	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	44412	53.159	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	44412	121.479	ug/l	# 11

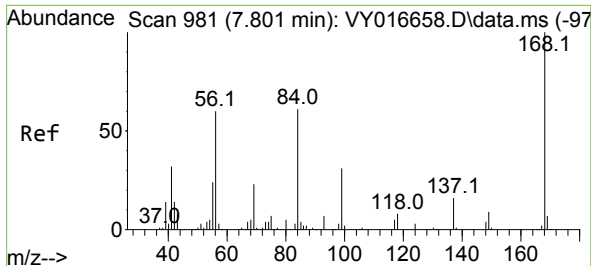
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 00:39:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

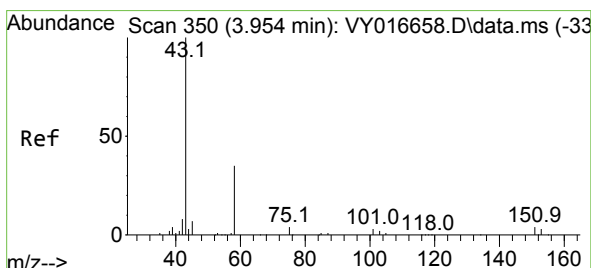
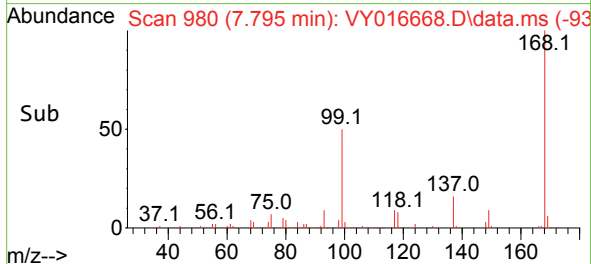
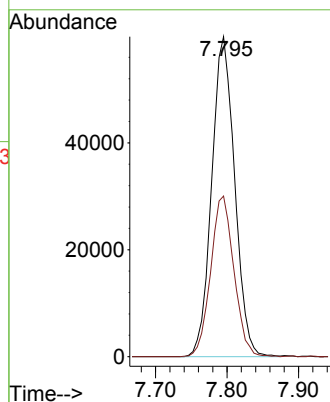
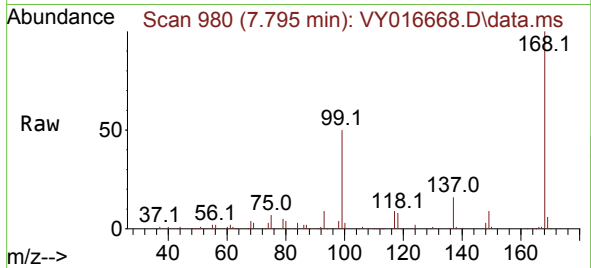




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

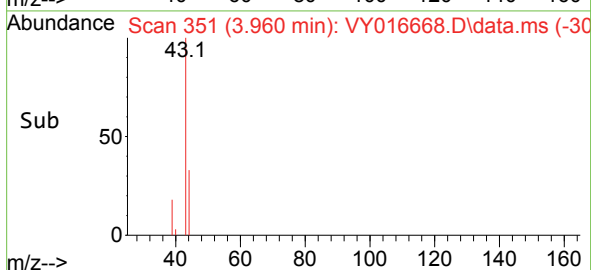
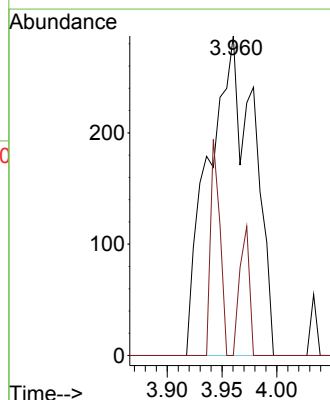
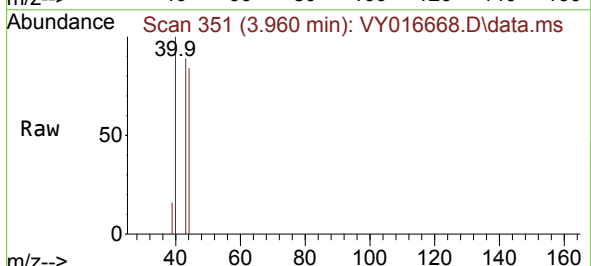
Instrument :
MSVOA_Y
ClientSampleId :

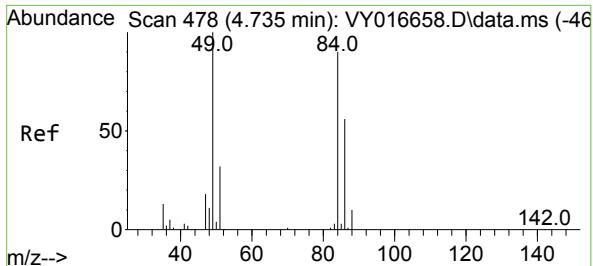
Tgt Ion:168 Resp: 133560
Ion Ratio Lower Upper
168 100
99 50.2 43.4 65.0



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

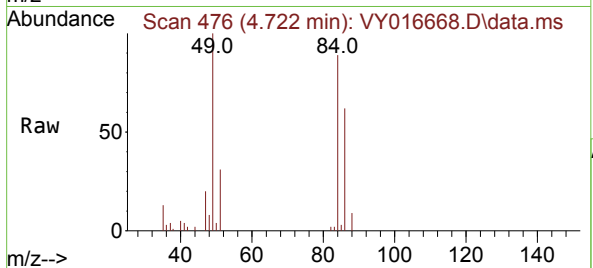
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



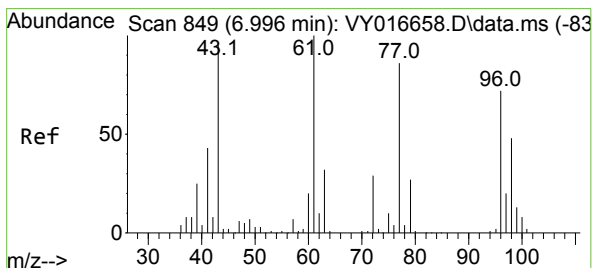
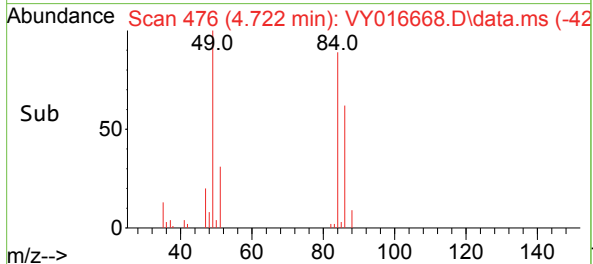
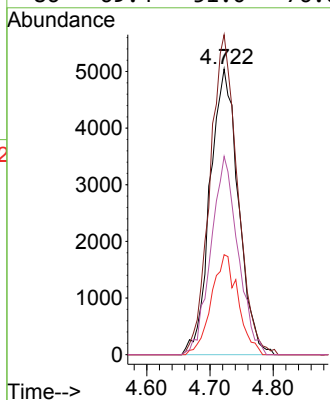


#20
Methylene Chloride
Concen: 6.891 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

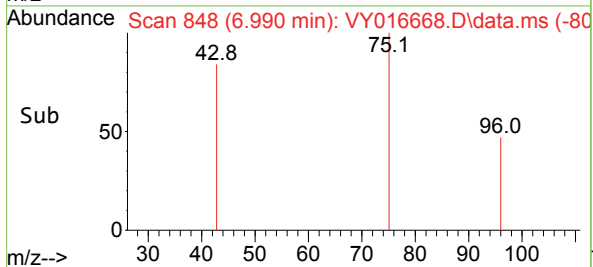
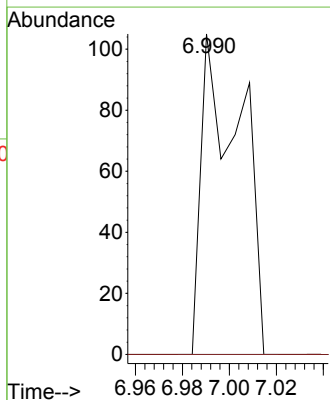
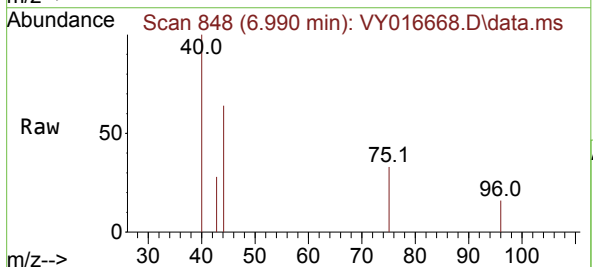


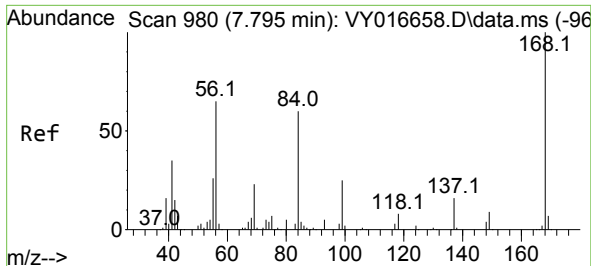
Tgt Ion:	84	Resp:	15645
Ion	Ratio	Lower	Upper
84	100		
49	112.0	106.9	160.3
51	35.0	33.2	49.8
86	69.4	51.0	76.6



#25
2-Butanone
Concen: Below Cal
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

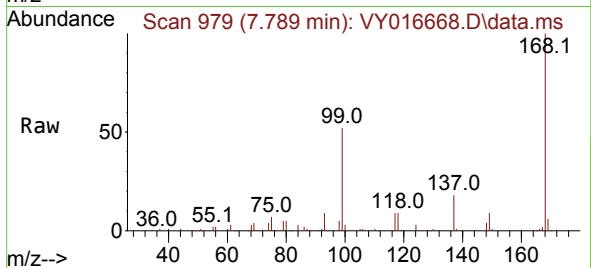
Tgt Ion:	43	Resp:	121
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



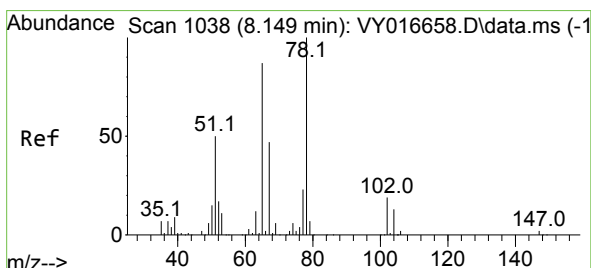
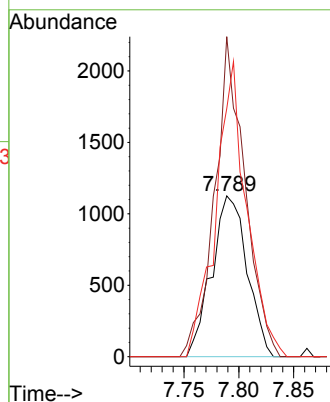
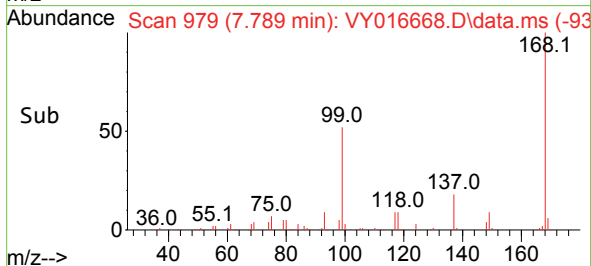


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

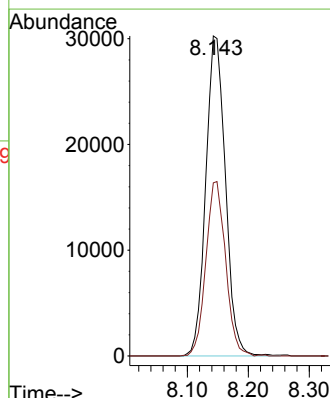
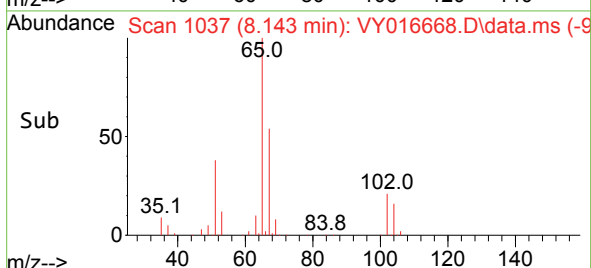
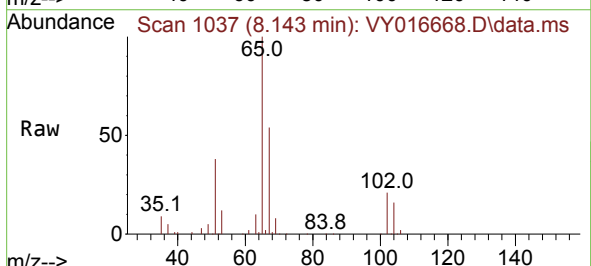


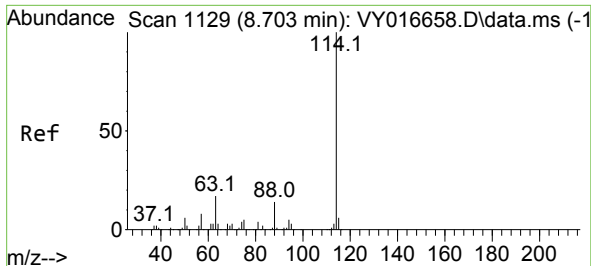
Tgt Ion: 56 Resp: 2530
Ion Ratio Lower Upper
56 100
69 198.9 27.8 41.6#
84 154.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.117 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Tgt Ion: 65 Resp: 67899
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

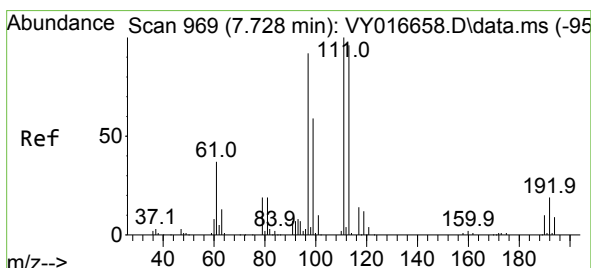
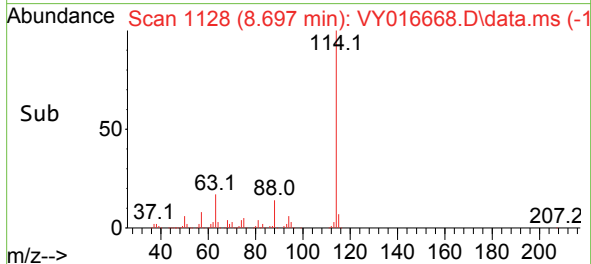
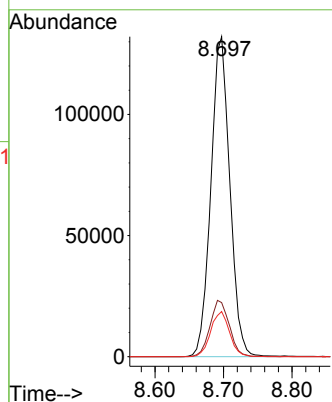
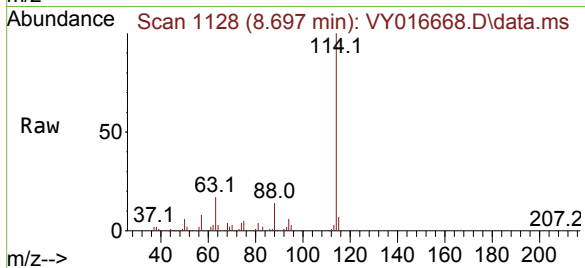
Tgt Ion:114 Resp: 253617

Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.812 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

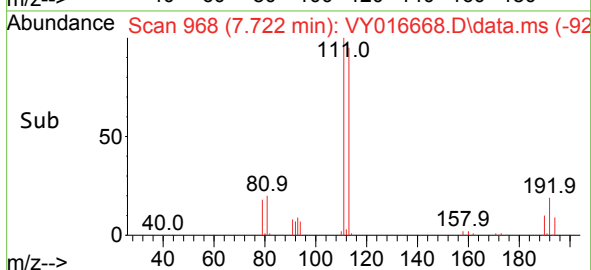
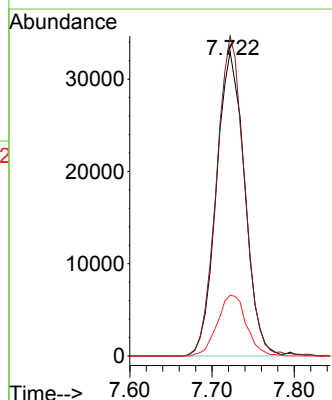
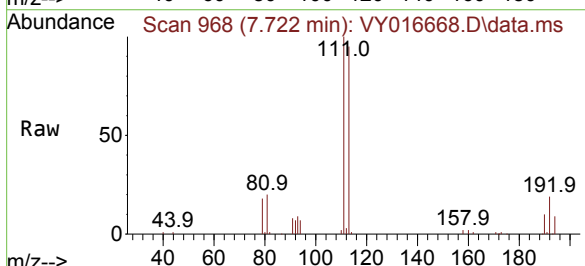
Tgt Ion:113 Resp: 78646

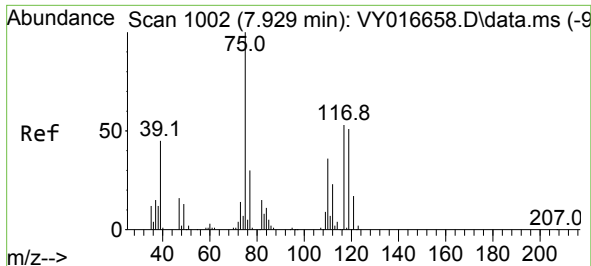
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

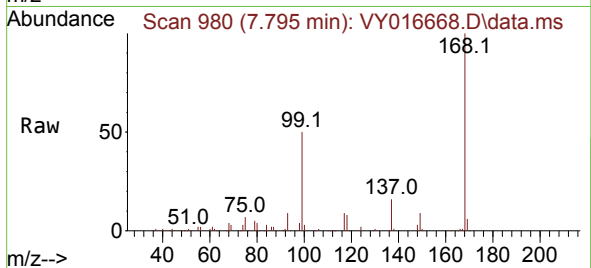
192 20.5 16.9 25.3



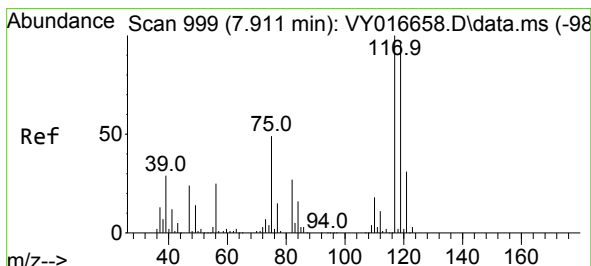
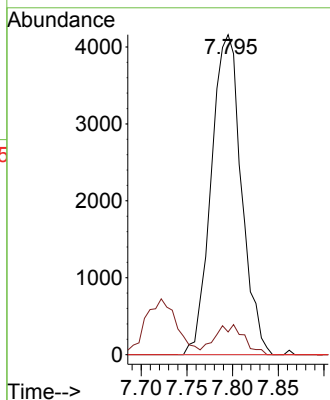
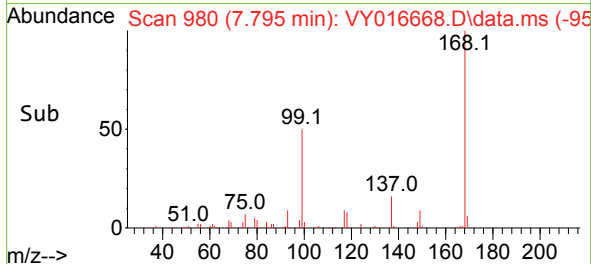


#36
1,1-Dichloropropene
Concen: 4.242 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

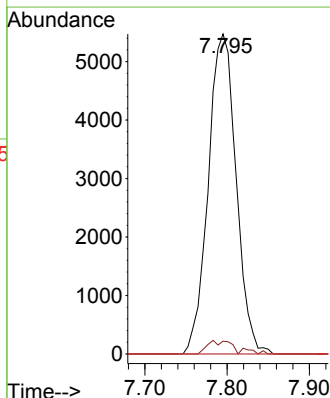
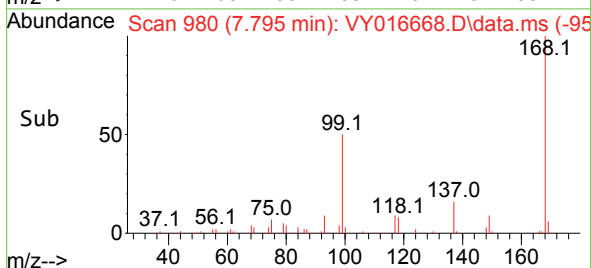
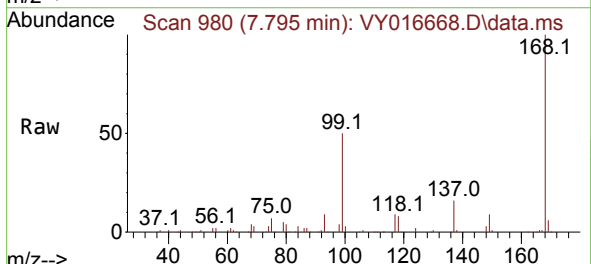


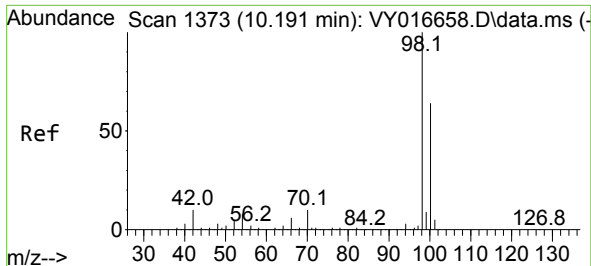
Tgt Ion: 75 Resp: 9557
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Tgt Ion: 117 Resp: 12886
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#

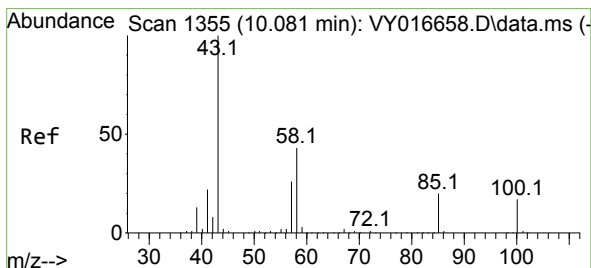
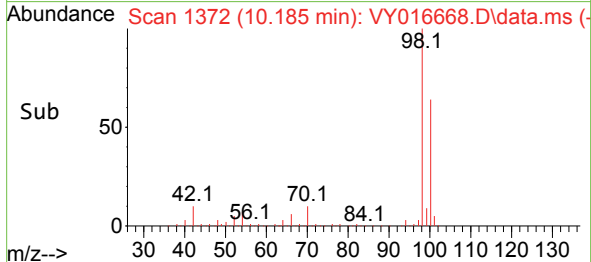
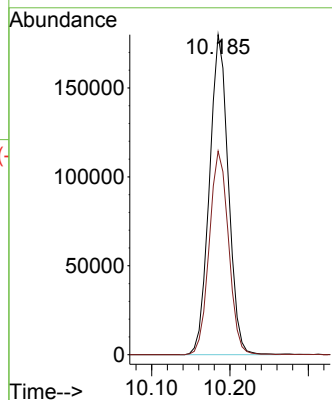
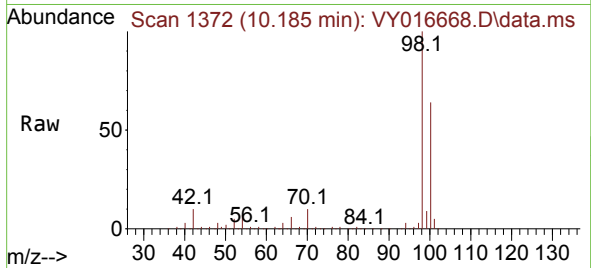




#50
Toluene-d8
Concen: 55.941 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

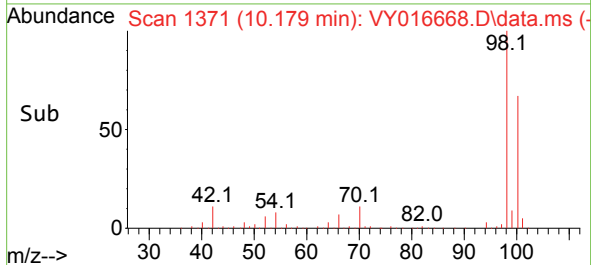
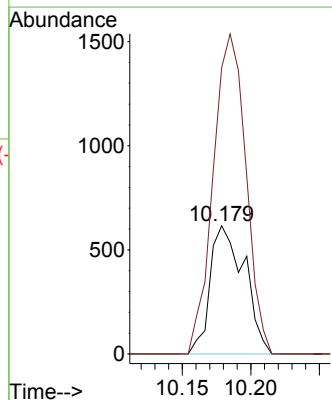
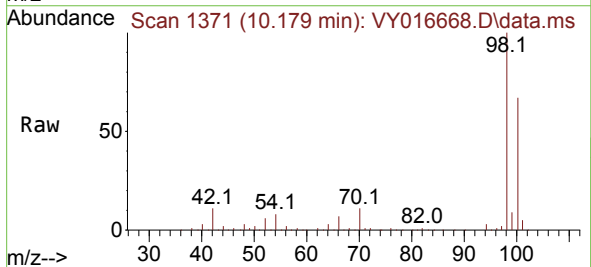
Instrument :
MSVOA_Y
ClientSampleId :

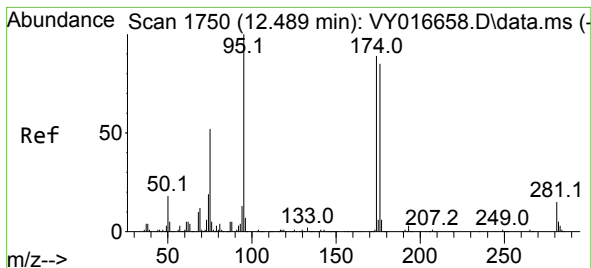
Tgt Ion: 98 Resp: 301419
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.202 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.098 min
Lab File: VY016668.D
Acq: 16 Dec 2023 14:52

Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 237.8 29.0 43.6#





#62

4-Bromofluorobenzene

Concen: 50.358 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

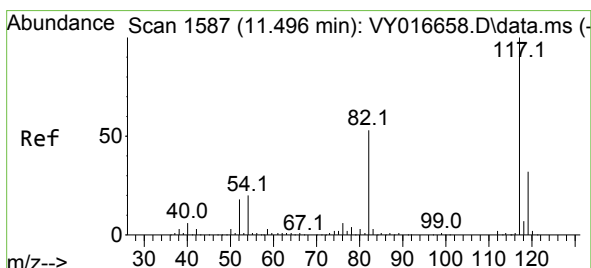
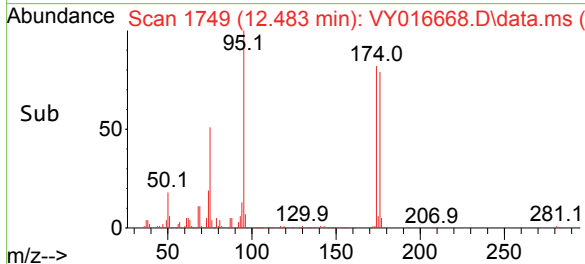
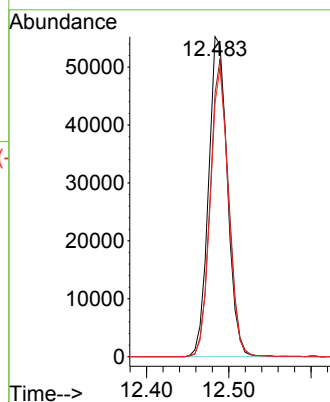
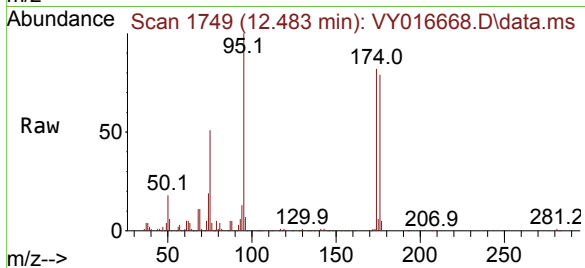
Tgt Ion: 95 Resp: 87793

Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.1 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VY016668.D

Acq: 16 Dec 2023 14:52

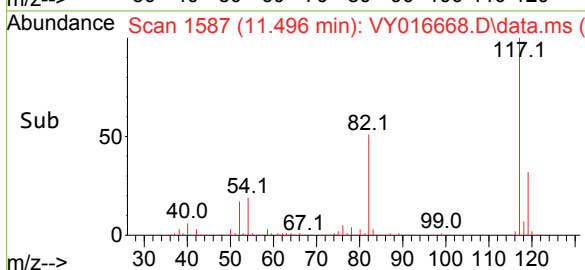
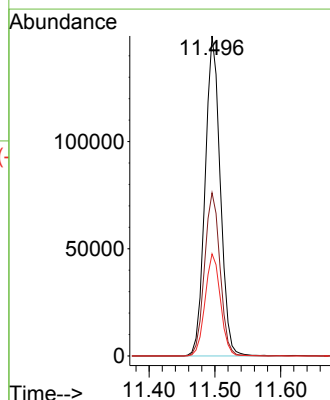
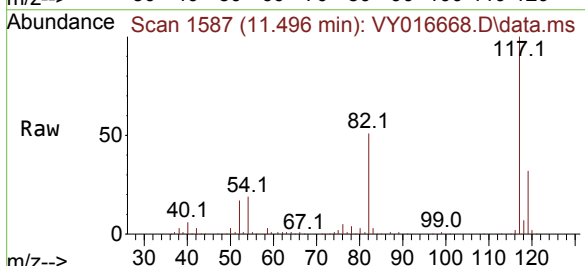
Tgt Ion: 117 Resp: 239864

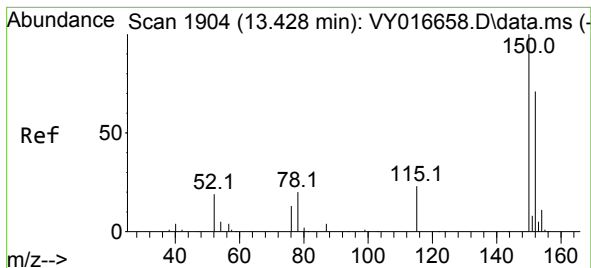
Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

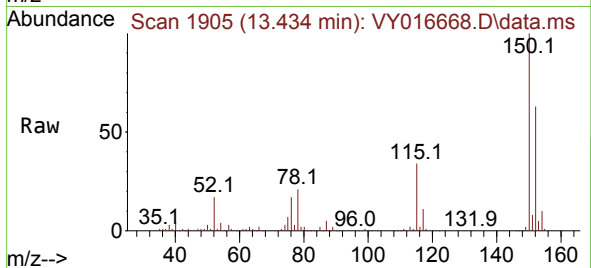
119 31.9 26.3 39.5



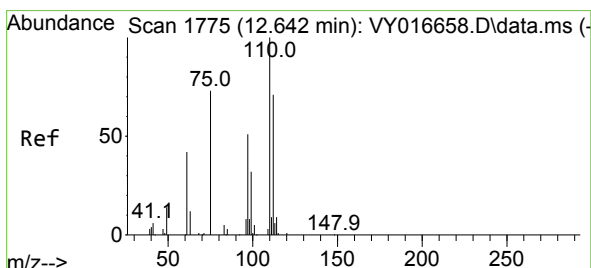
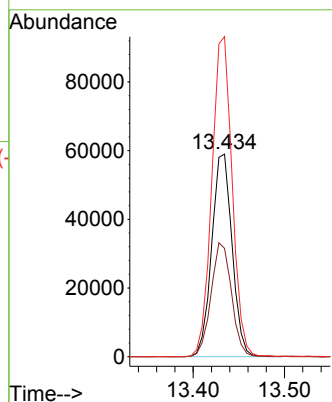
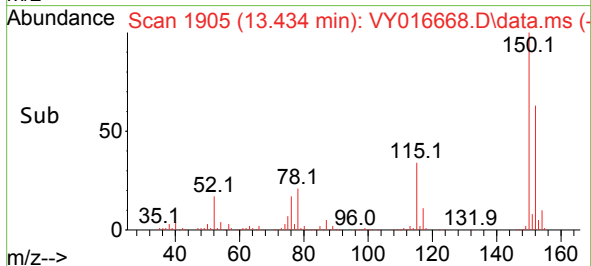


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY016668.D
 Acq: 16 Dec 2023 14:52

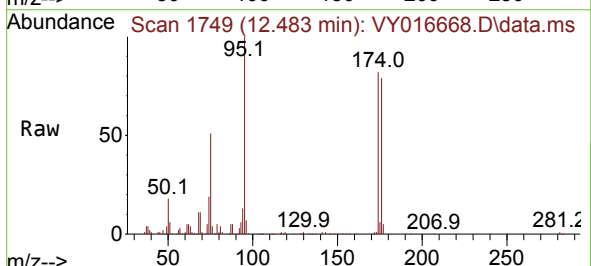
Instrument :
 MSVOA_Y
 ClientSampleId :



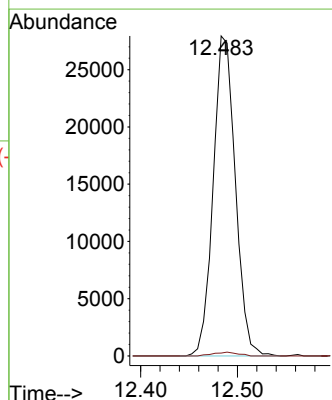
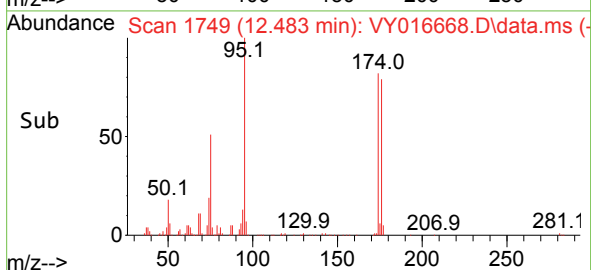
Tgt Ion:152 Resp: 91209
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 158.1 0.0 348.8

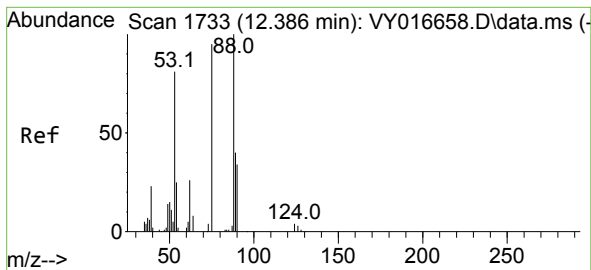


#76
 1,2,3-Trichloropropane
 Concen: 53.159 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.158 min
 Lab File: VY016668.D
 Acq: 16 Dec 2023 14:52



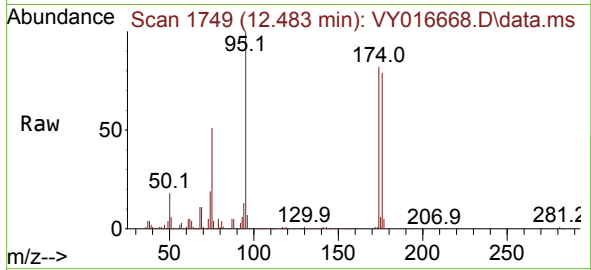
Tgt Ion: 75 Resp: 44412
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.479 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY016668.D
 Acq: 16 Dec 2023 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44412
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.1 37.4 56.0#

