

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016875.D
 Acq On : 27 Dec 2023 14:13
 Operator : SY/MD
 Sample : 05994-03RE
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRABRE

Quant Time: Dec 28 03:45:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

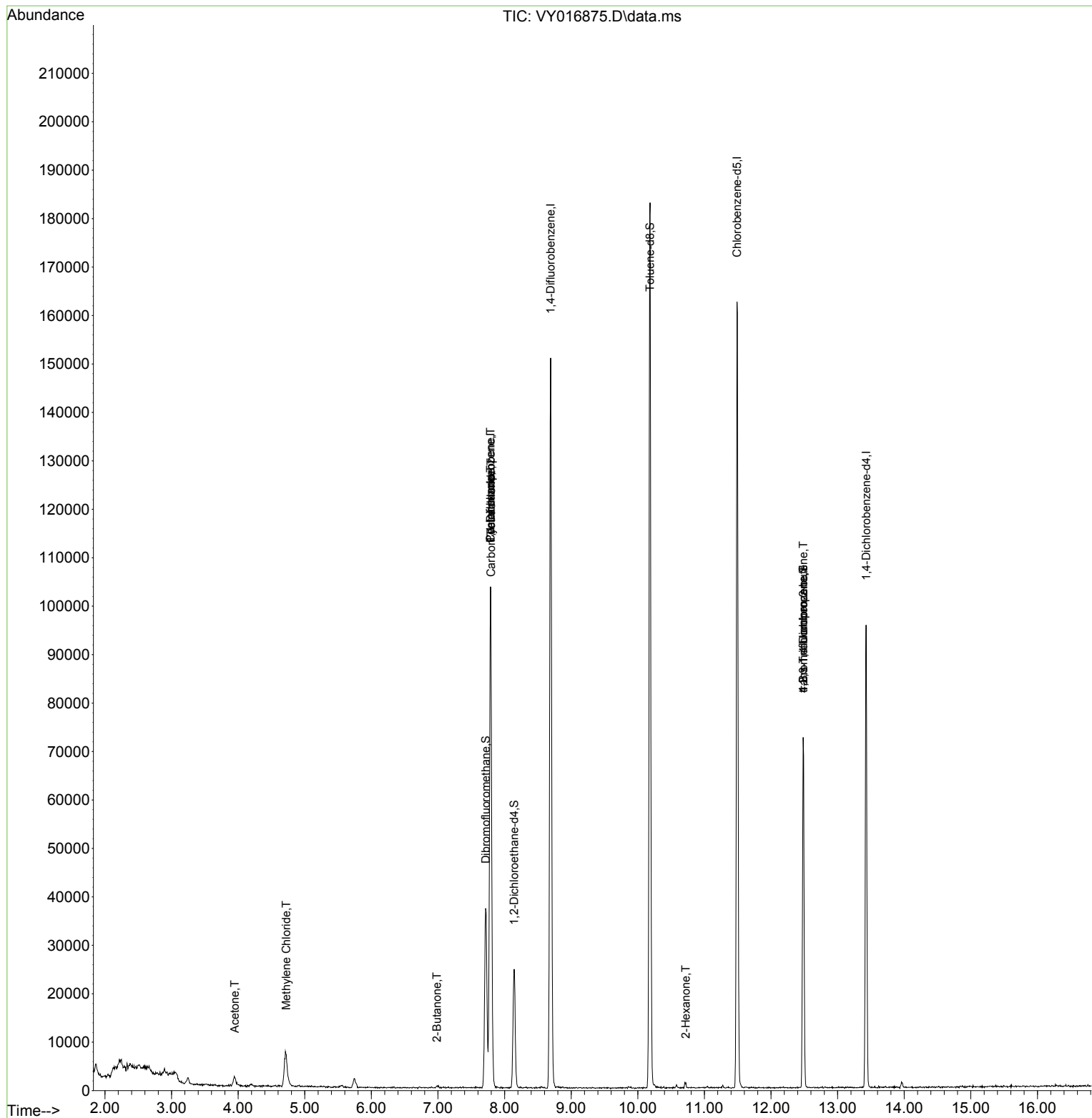
Internal Standards						
1) Pentafluorobenzene	7.789	168	75267	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	127340	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	87995	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	24182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19534	28.429	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.860%
35) Dibromofluoromethane	7.716	113	27048	37.081	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.185	98	119654	45.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.483	95	22837	26.769	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.540%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3602	19.386	ug/l	99
20) Methylene Chloride	4.722	84	4978	2.433	ug/l	90
25) 2-Butanone	6.984	43	267	1.044	ug/l	94
31) Cyclohexane	7.789	56	1860	1.413	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	6825	5.836	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8268	7.145	ug/l #	15
59) 2-Hexanone	10.721	43	497	1.285	ug/l #	23
76) 1,2,3-Trichloropropane	12.483	75	12265	45.881	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12265	107.750	ug/l #	12

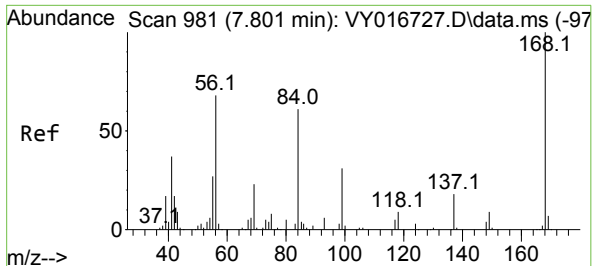
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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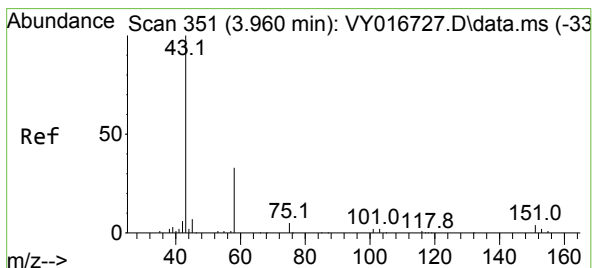
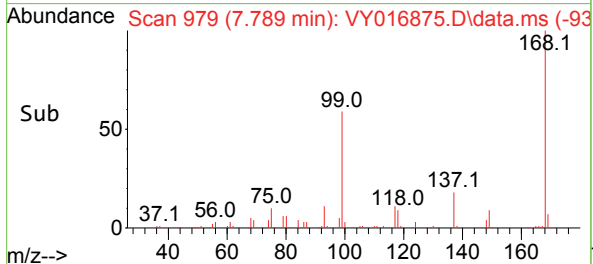
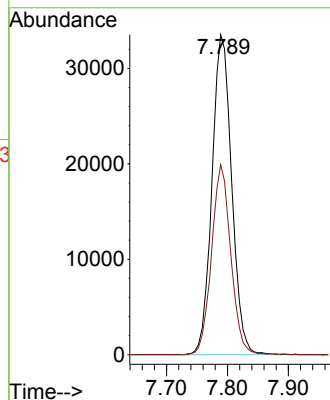
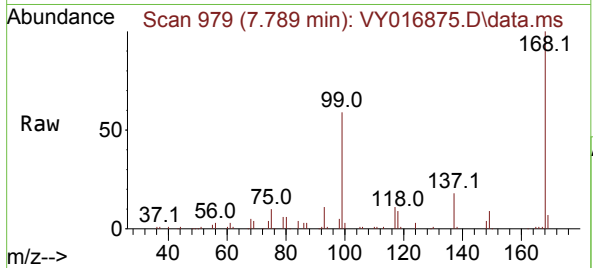




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

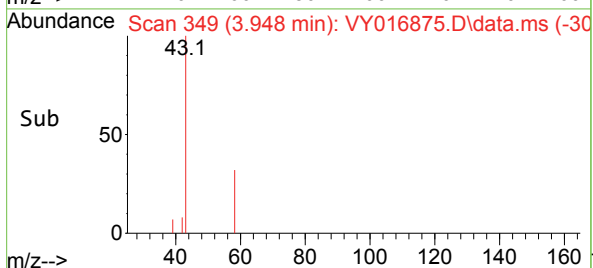
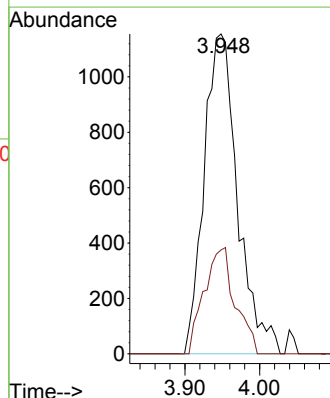
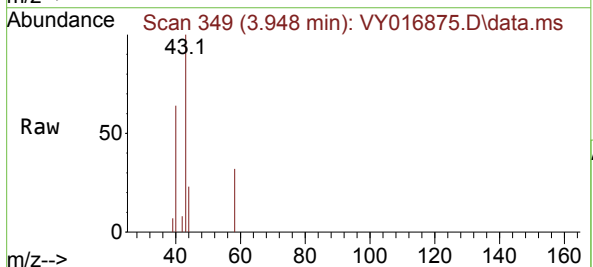
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRABRE

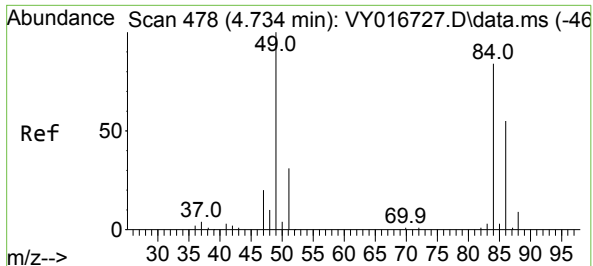
Tgt Ion:168 Resp: 75267
Ion Ratio Lower Upper
168 100
99 59.4 44.2 66.4



#16
Acetone
Concen: 19.386 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion: 43 Resp: 3602
Ion Ratio Lower Upper
43 100
58 32.5 26.6 39.8



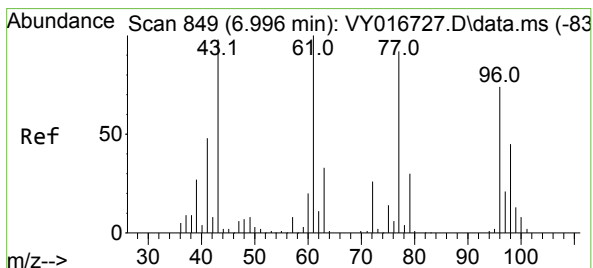
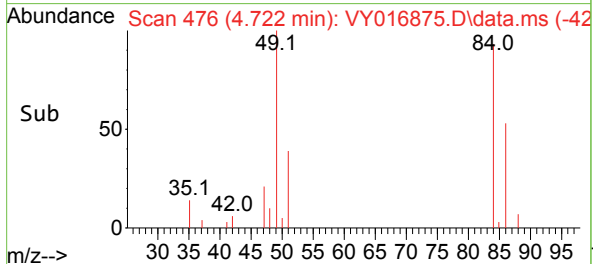
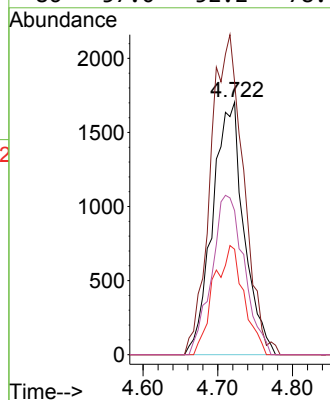
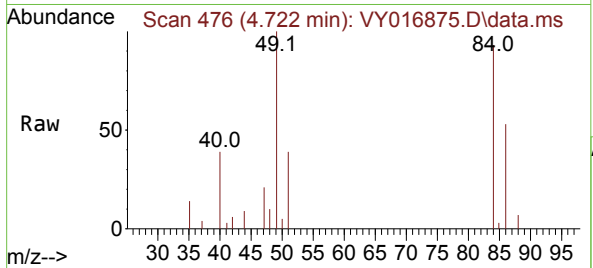


#20
Methylene Chloride
Concen: 2.433 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRABRE

Tgt Ion: 84 Resp: 4978

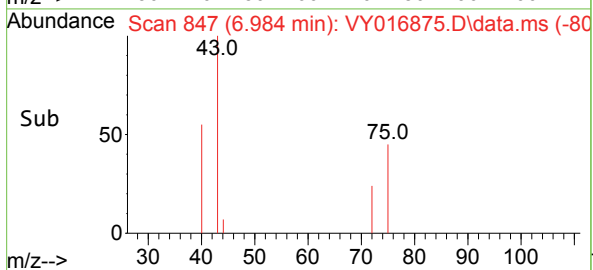
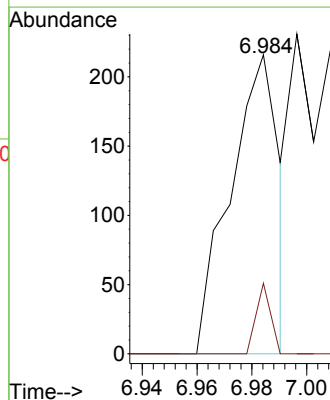
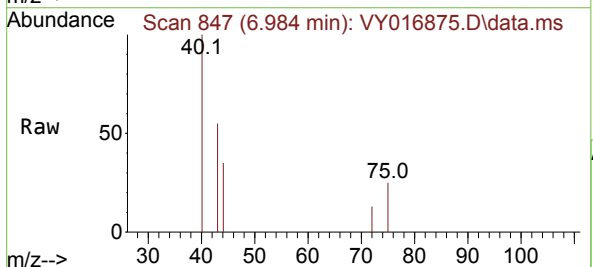
Ion	Ratio	Lower	Upper
84	100		
49	108.0	95.2	142.8
51	41.8	29.9	44.9
86	57.0	52.2	78.4

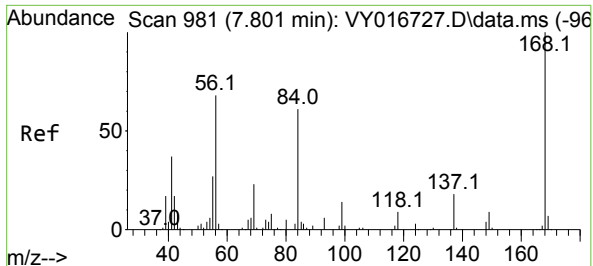


#25
2-Butanone
Concen: 1.044 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion: 43 Resp: 267

Ion	Ratio	Lower	Upper
43	100		
72	23.6	21.4	32.2

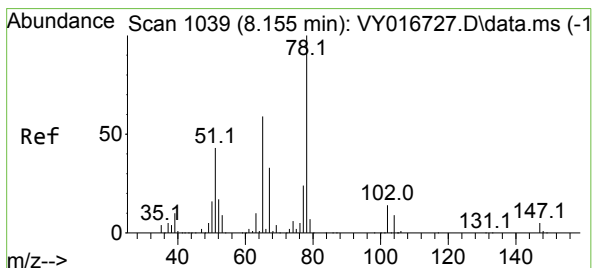
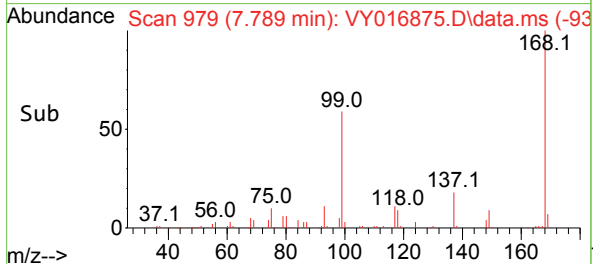
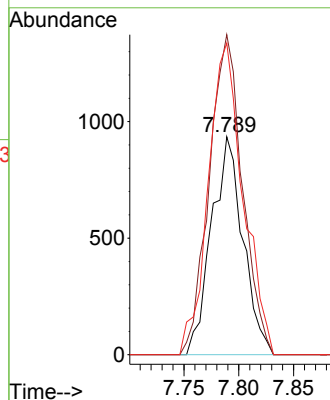
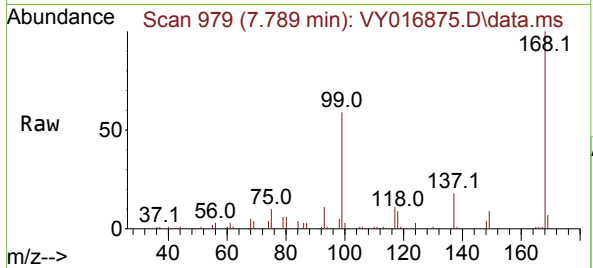




#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

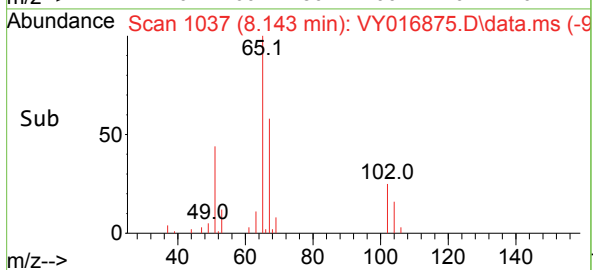
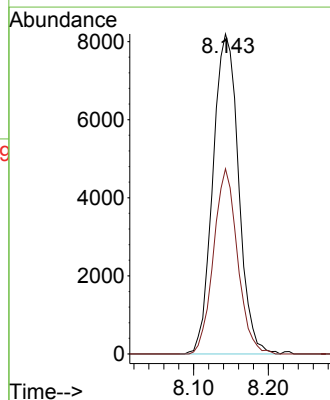
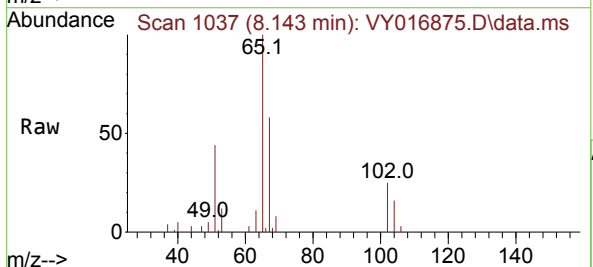
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRABRE

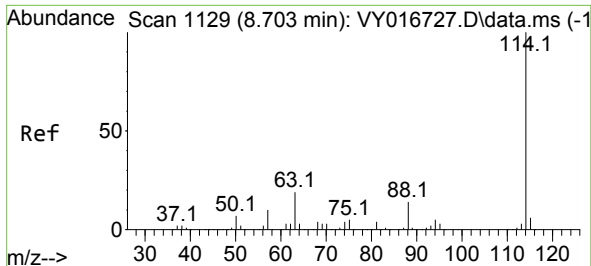
Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
69 146.8 27.0 40.6#
84 143.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 28.429 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion: 65 Resp: 19534
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016875.D

Acq: 27 Dec 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRABRE

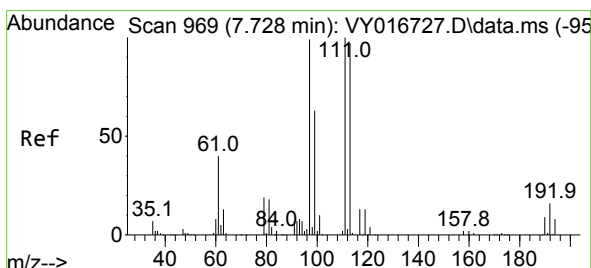
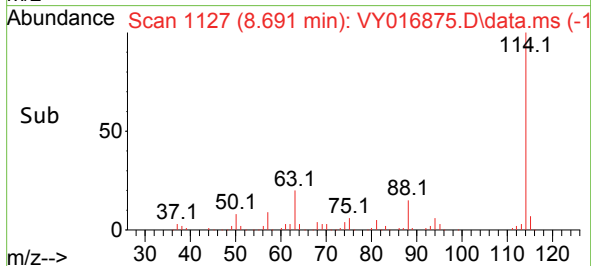
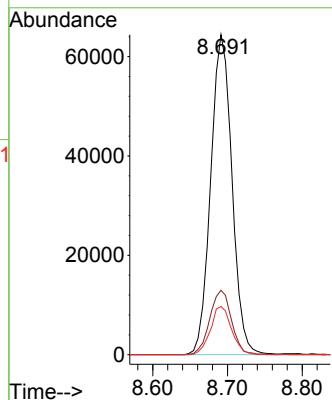
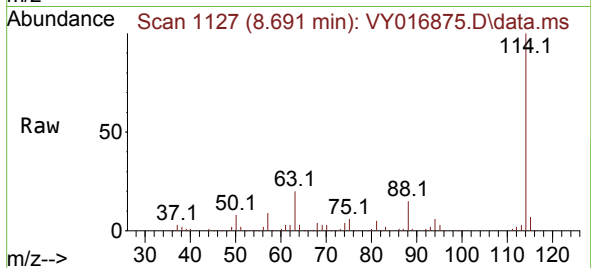
Tgt Ion:114 Resp: 127340

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.081 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY016875.D

Acq: 27 Dec 2023 14:13

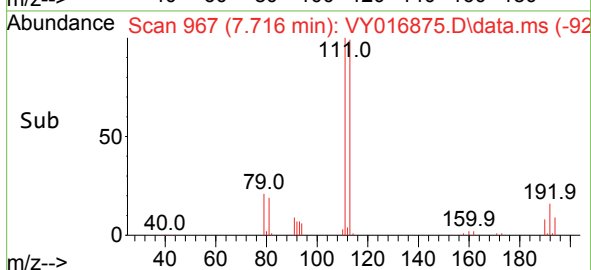
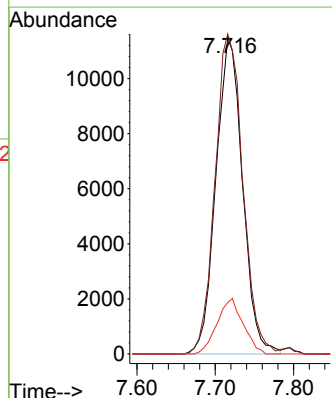
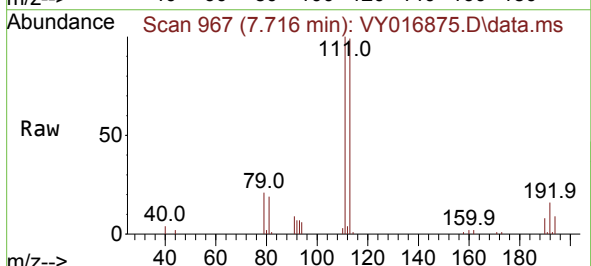
Tgt Ion:113 Resp: 27048

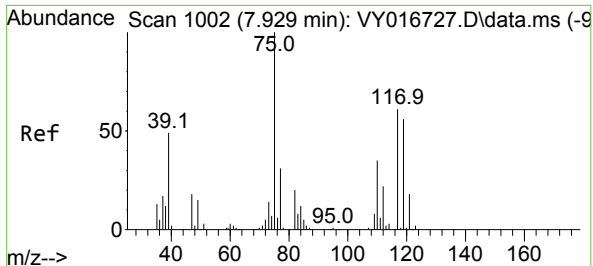
Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 17.1 14.5 21.7

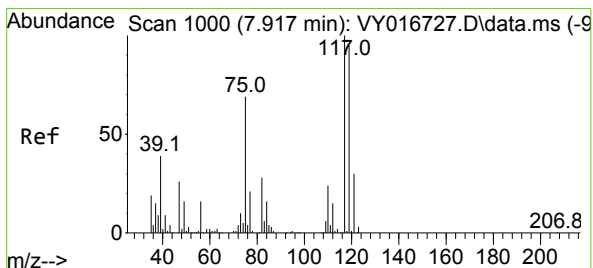
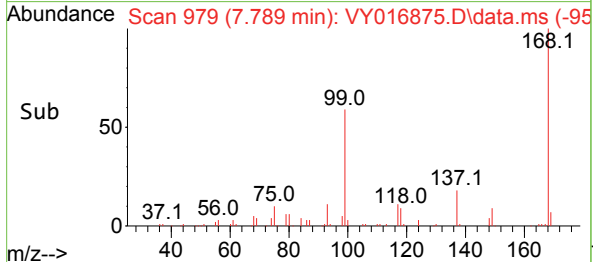
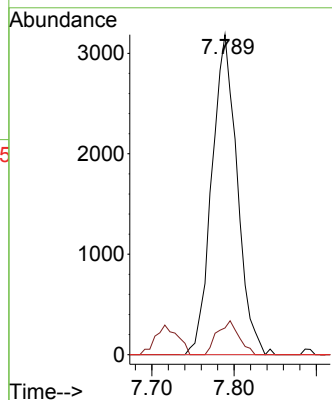
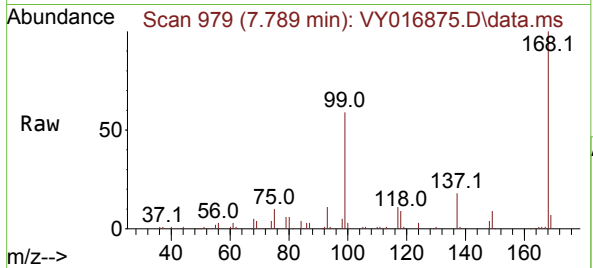




#36
 1,1-Dichloropropene
 Concen: 5.836 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY016875.D
 Acq: 27 Dec 2023 14:13

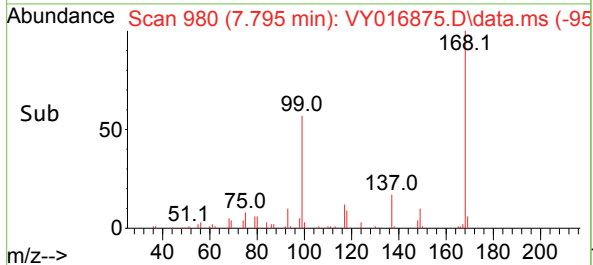
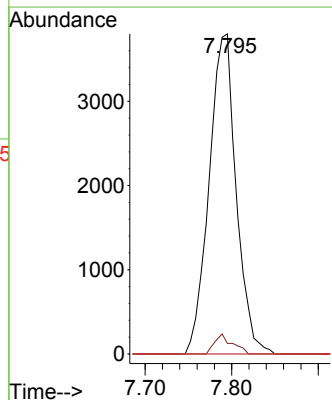
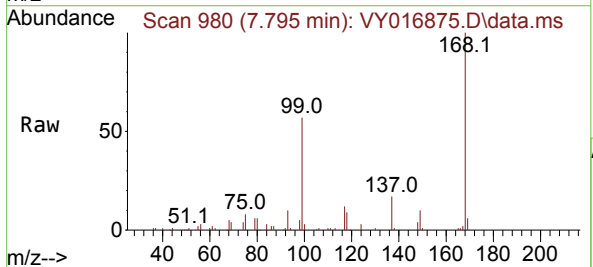
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRABRE

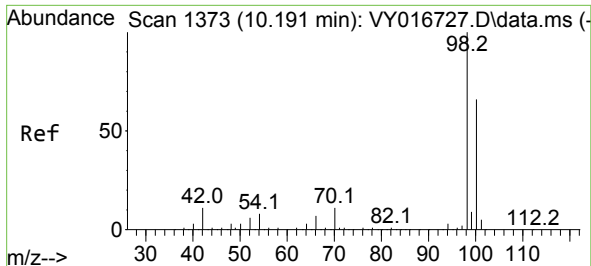
Tgt Ion: 75 Resp: 6825
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 7.145 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY016875.D
 Acq: 27 Dec 2023 14:13

Tgt Ion: 117 Resp: 8268
 Ion Ratio Lower Upper
 117 100
 119 3.3 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 45.504 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016875.D

Acq: 27 Dec 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

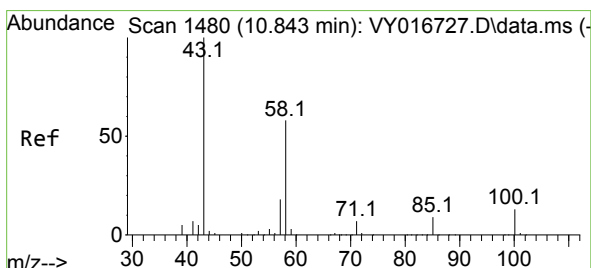
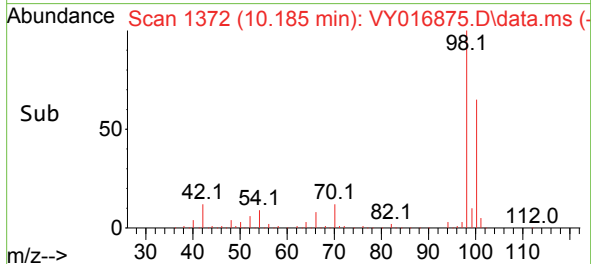
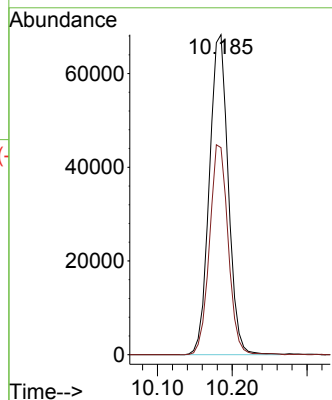
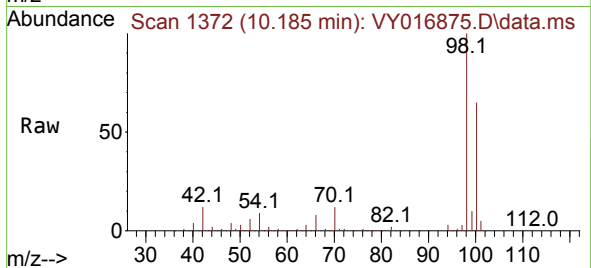
WC-A-GRABRE

Tgt Ion: 98 Resp: 119654

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#59

2-Hexanone

Concen: 1.285 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.122 min

Lab File: VY016875.D

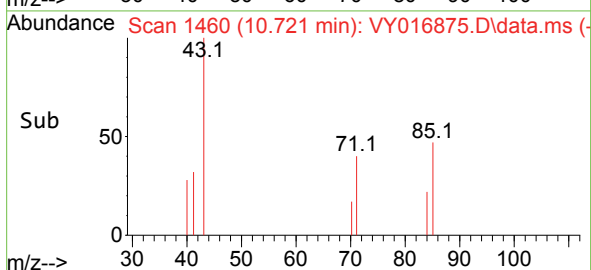
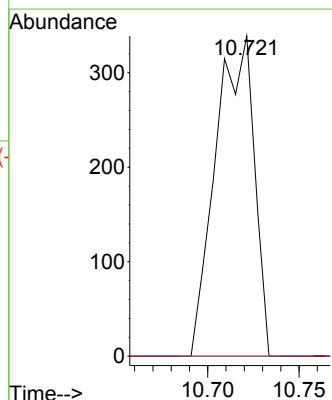
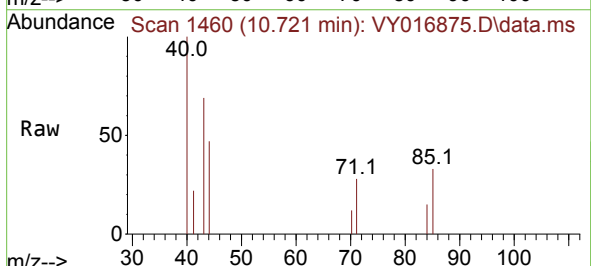
Acq: 27 Dec 2023 14:13

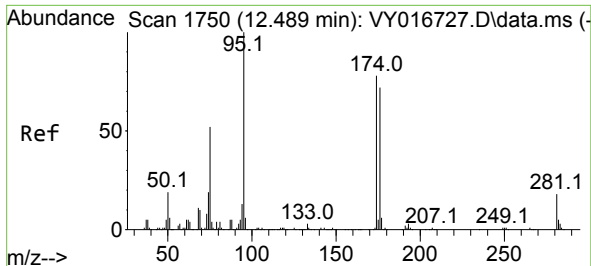
Tgt Ion: 43 Resp: 497

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#

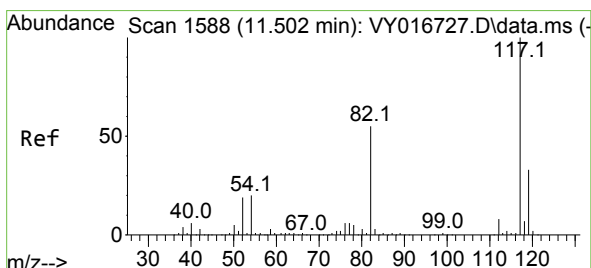
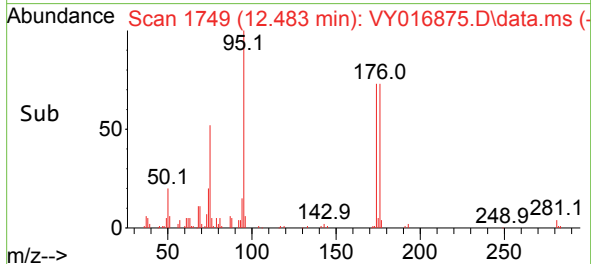
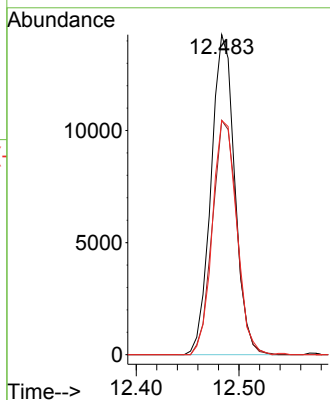
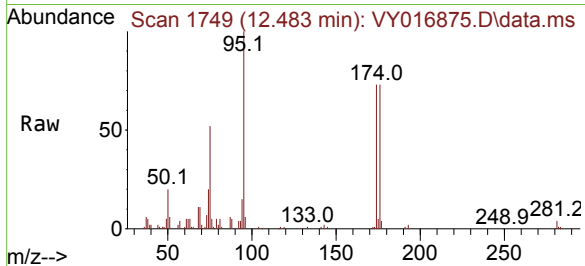




#62
4-Bromofluorobenzene
Concen: 26.769 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

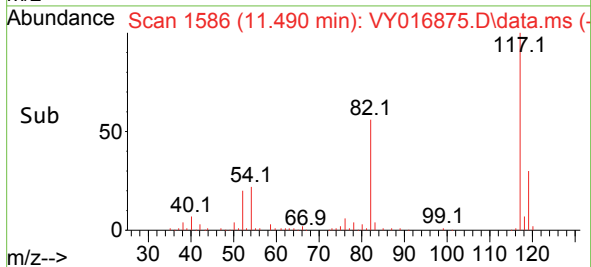
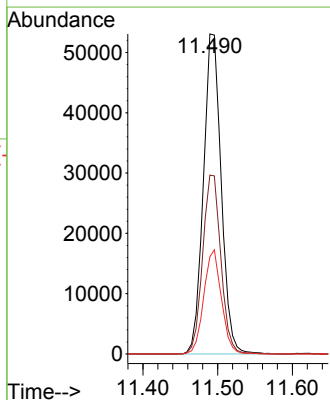
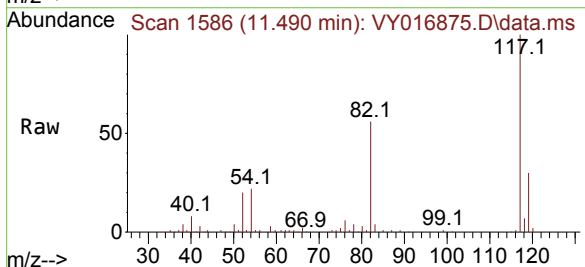
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRABRE

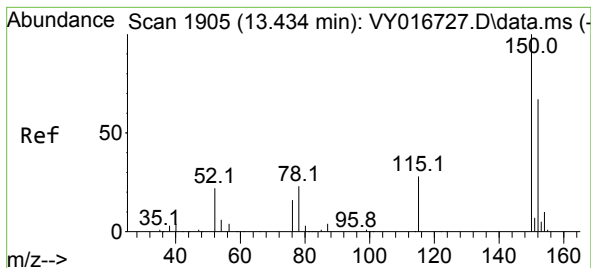
Tgt Ion:	95	Resp:	22837
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	160.0
176	75.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016875.D
Acq: 27 Dec 2023 14:13

Tgt Ion:	117	Resp:	87995
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.8	65.8
119	30.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016875.D

Acq: 27 Dec 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRABRE

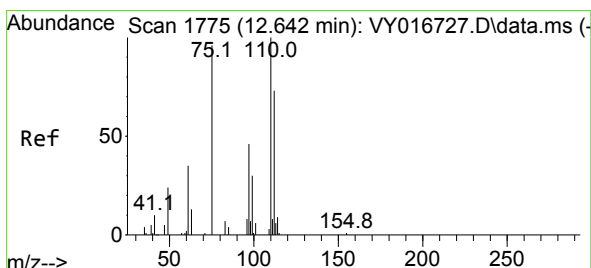
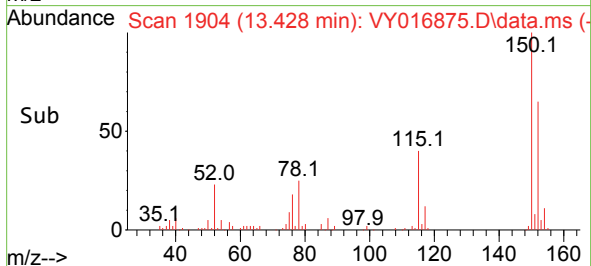
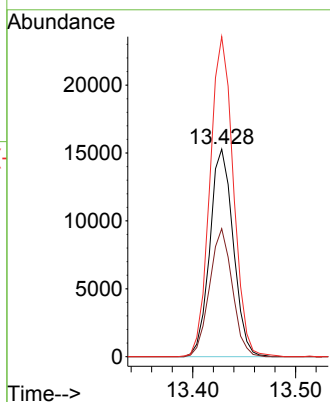
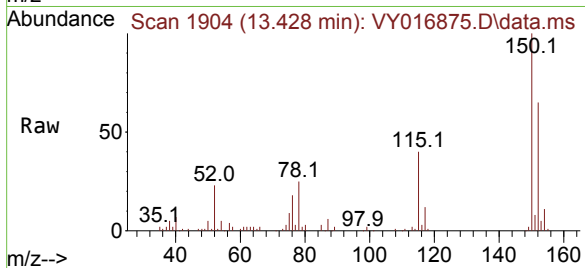
Tgt Ion:152 Resp: 24182

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 154.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 45.881 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY016875.D

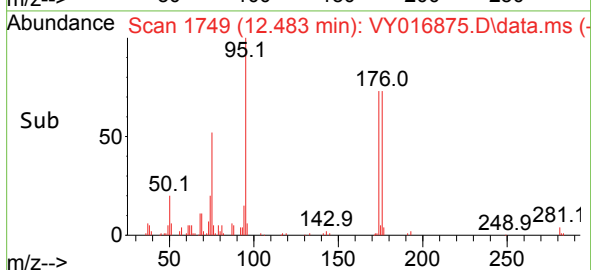
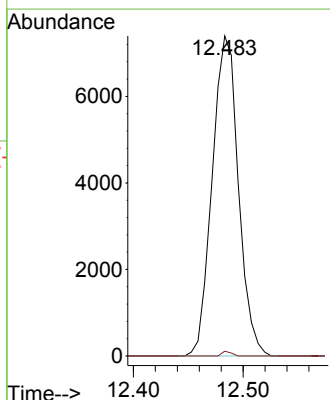
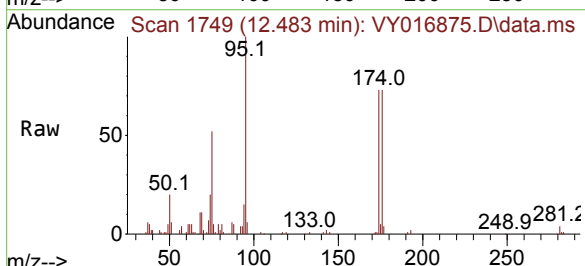
Acq: 27 Dec 2023 14:13

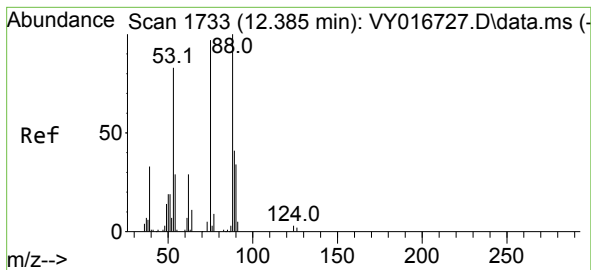
Tgt Ion: 75 Resp: 12265

Ion Ratio Lower Upper

75 100

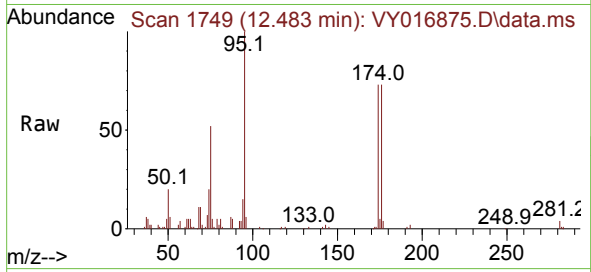
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.750 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY016875.D
 Acq: 27 Dec 2023 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRABRE



Tgt Ion:	75	Resp:	12265
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.3	36.5	54.7#

