

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016082.D
 Acq On : 26 Oct 2023 17:04
 Operator : SY/MD
 Sample : VY1026SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:18:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

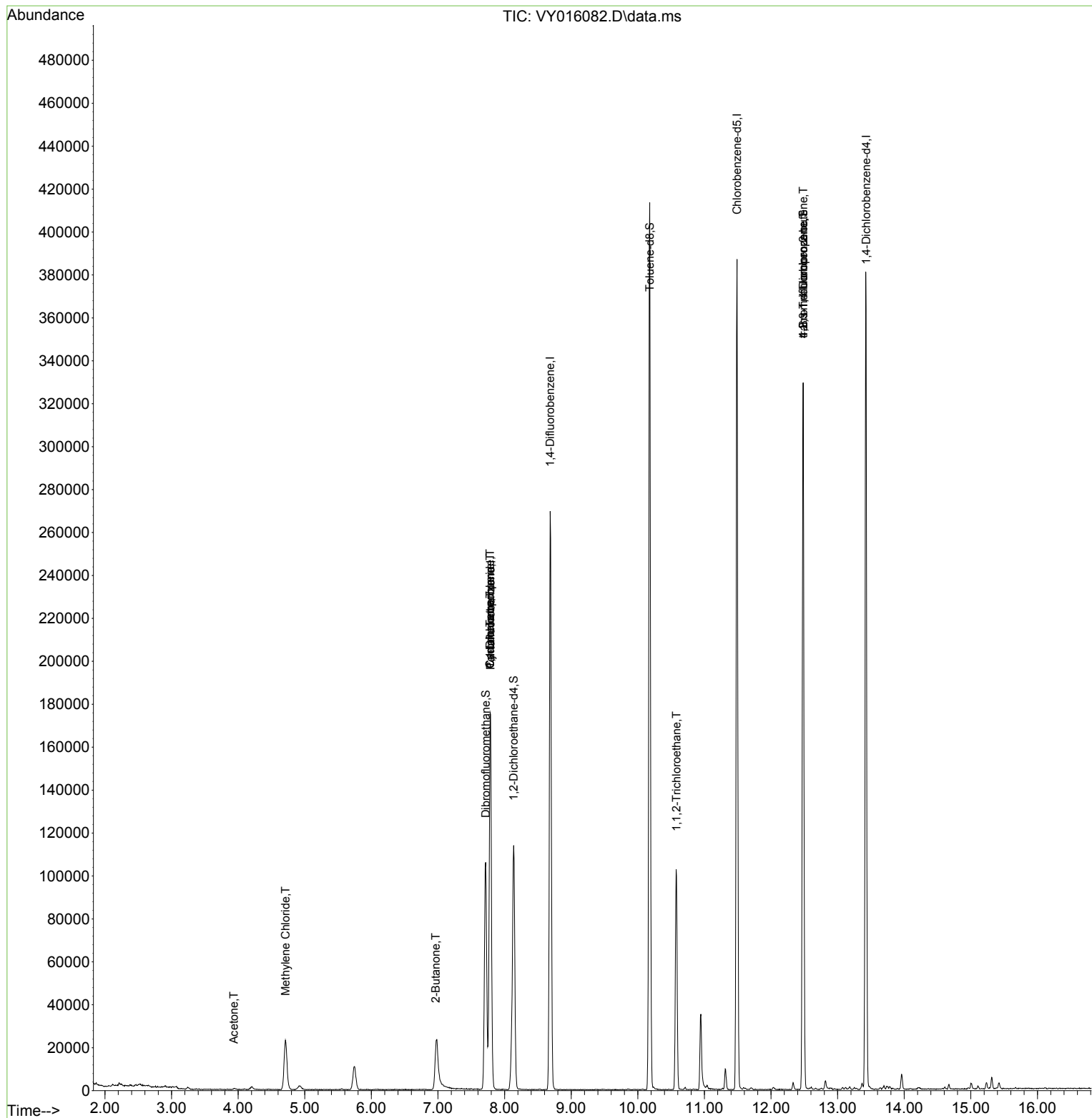
Internal Standards						
1) Pentafluorobenzene	7.789	168	141817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81820	58.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.716	113	77348	51.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.179	98	276754	49.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.483	95	92770	48.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	2186	Below Cal	#	89
16) Acetone	3.936	43	864	2.260	ug/l #	86
20) Methylene Chloride	4.710	84	18186	7.231	ug/l	87
25) 2-Butanone	6.966	43	792	1.535	ug/l #	49
31) Cyclohexane	7.783	56	2861	1.290	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10383	4.969	ug/l #	49
38) Carbon Tetrachloride	7.783	117	13368	6.050	ug/l #	17
55) 1,1,2-Trichloroethane	10.581	97	1334	1.069	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	48486	47.491	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48486	103.202	ug/l #	11

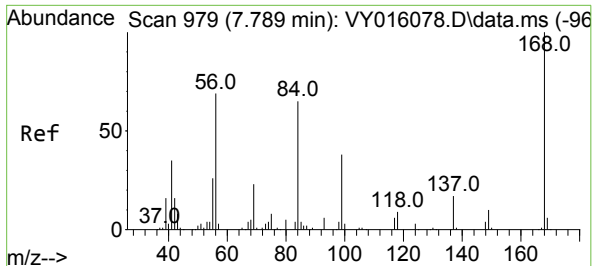
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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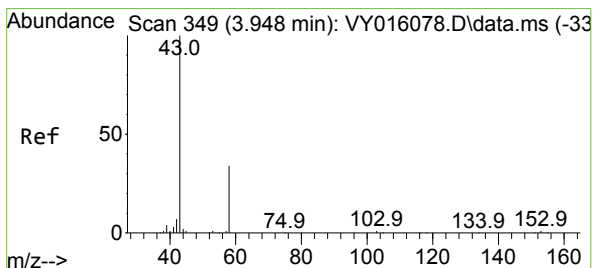
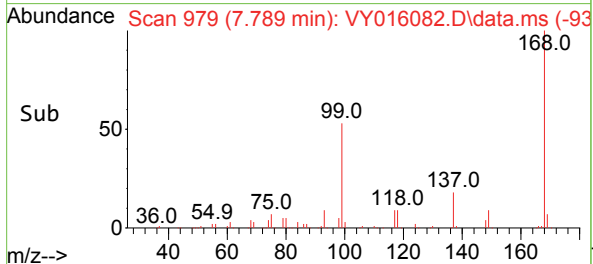
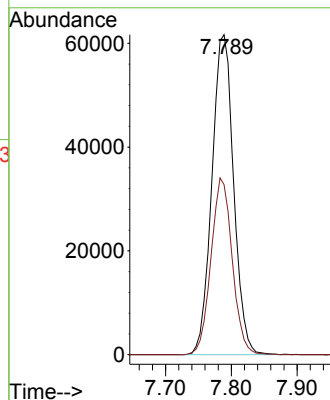
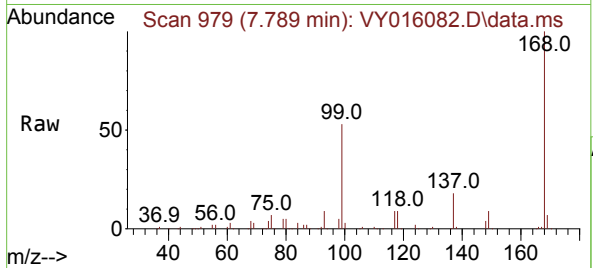




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

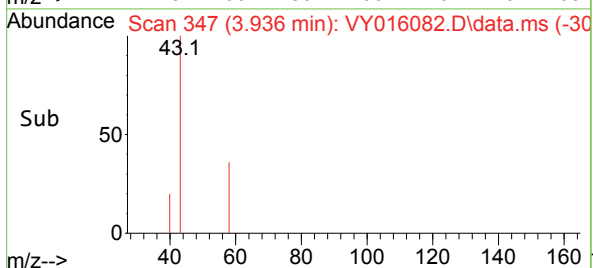
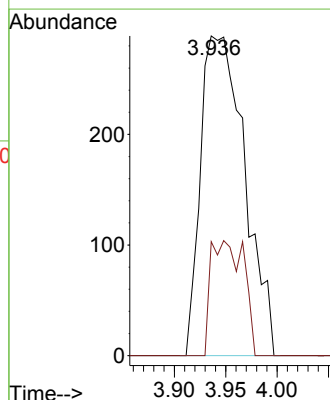
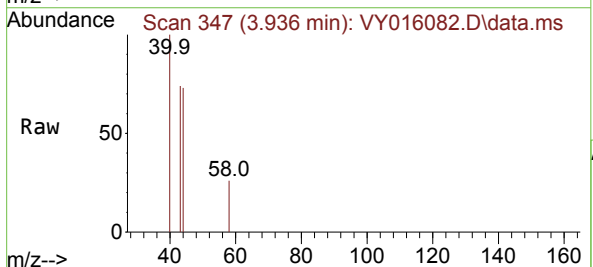
Instrument :
MSVOA_Y
ClientSampleId :

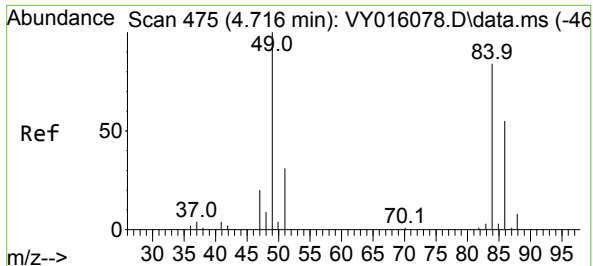
Tgt Ion:168 Resp: 141817
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 2.260 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

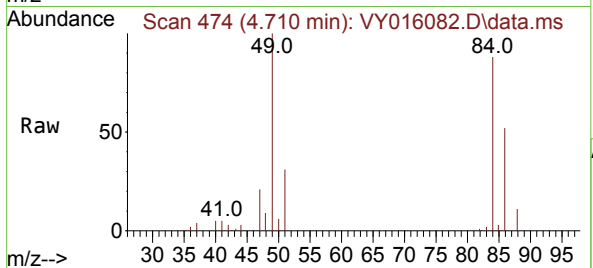
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#



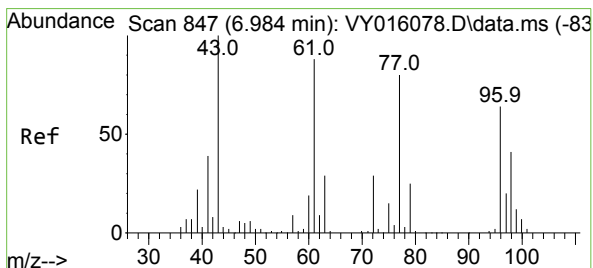
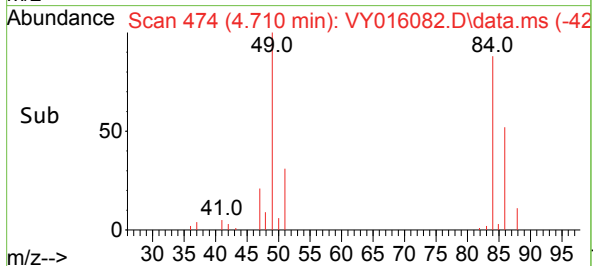
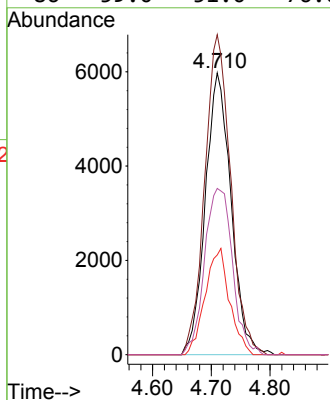


#20
Methylene Chloride
Concen: 7.231 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

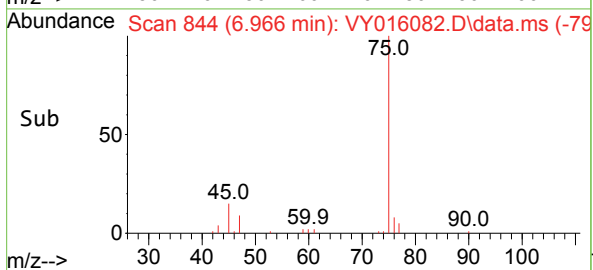
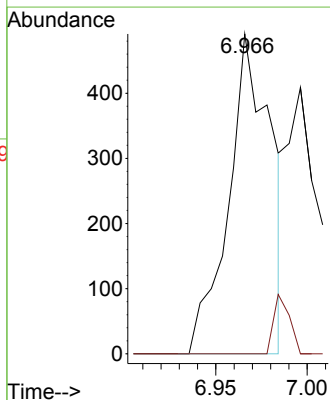
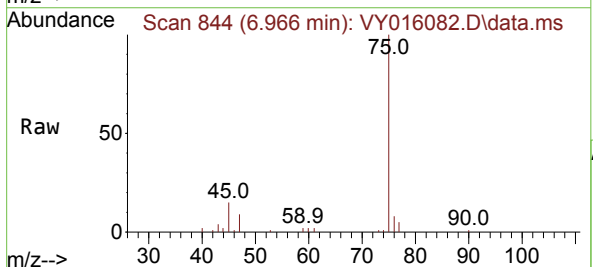


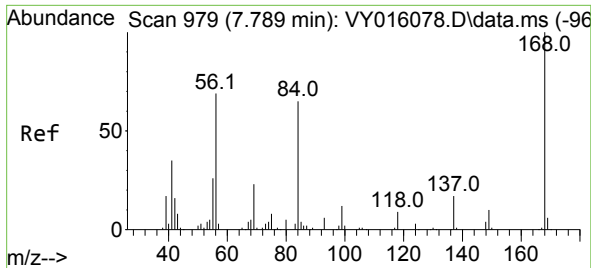
Tgt Ion:	84	Resp:	18186
Ion	Ratio	Lower	Upper
84	100		
49	113.6	106.9	160.3
51	35.4	33.2	49.8
86	59.0	51.0	76.6



#25
2-Butanone
Concen: 1.535 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

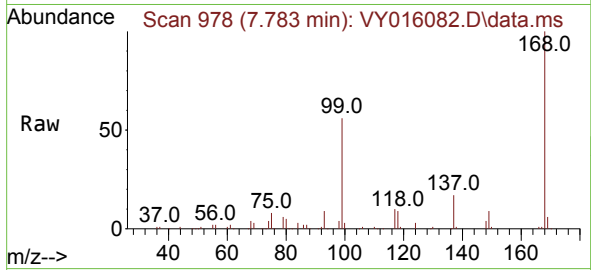
Tgt Ion:	43	Resp:	792
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



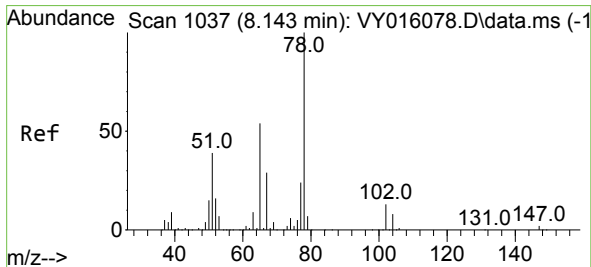
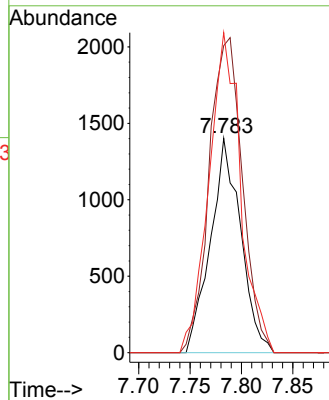
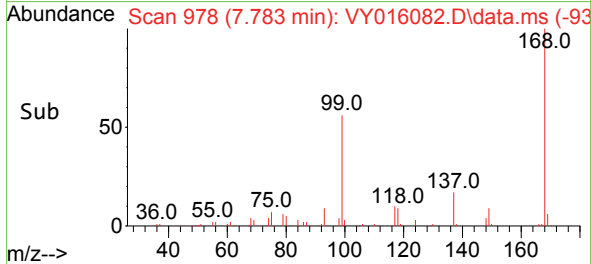


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :

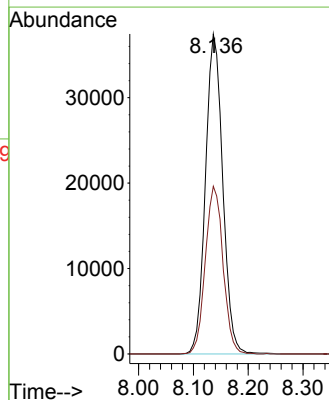
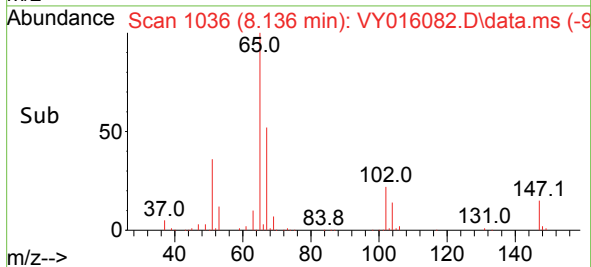
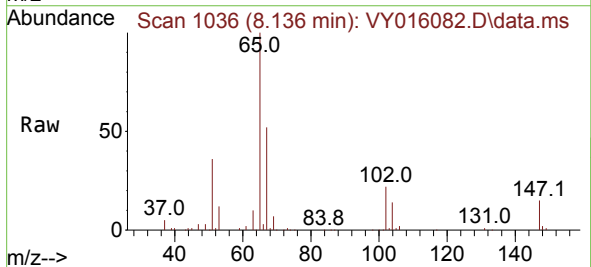


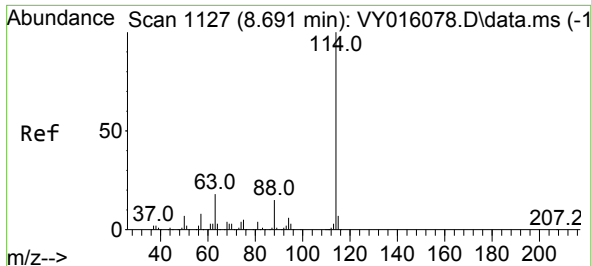
Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 143.2 27.8 41.6#
84 149.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.021 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Tgt Ion: 65 Resp: 81820
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016082.D

Acq: 26 Oct 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :

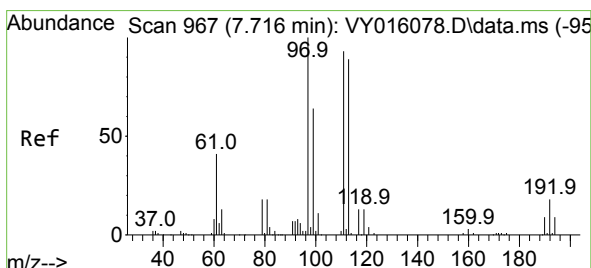
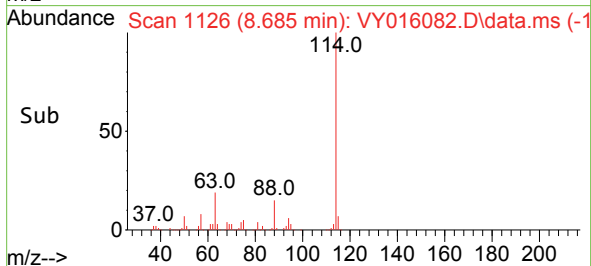
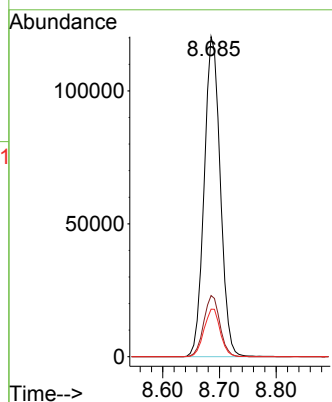
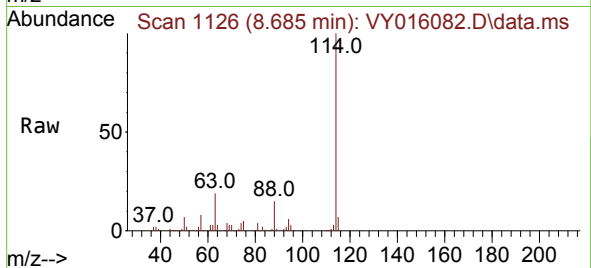
Tgt Ion:114 Resp: 237445

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.600 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016082.D

Acq: 26 Oct 2023 17:04

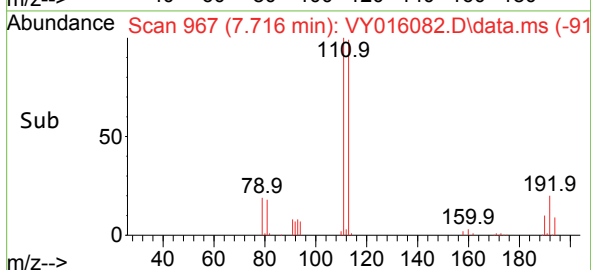
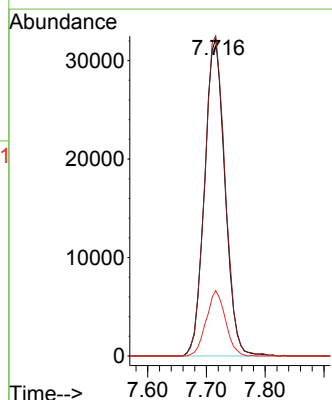
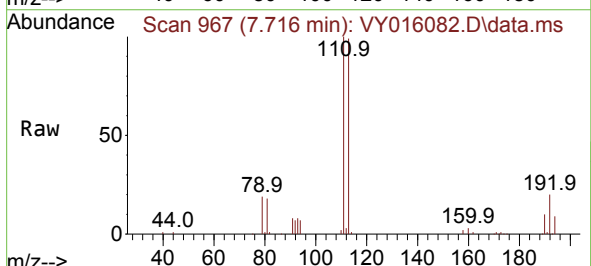
Tgt Ion:113 Resp: 77348

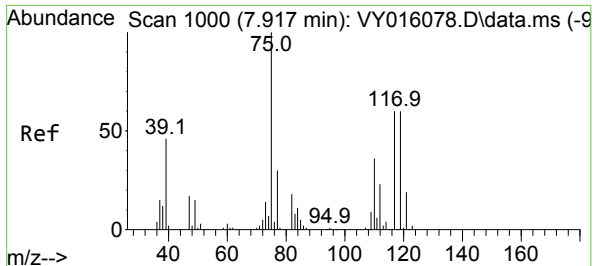
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

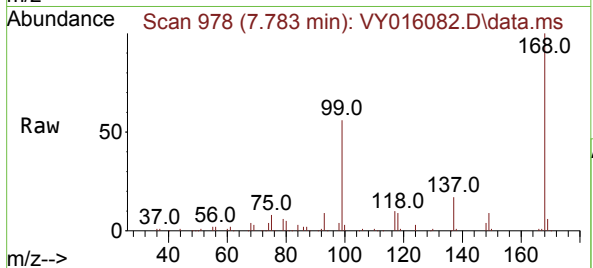
192 19.5 16.9 25.3



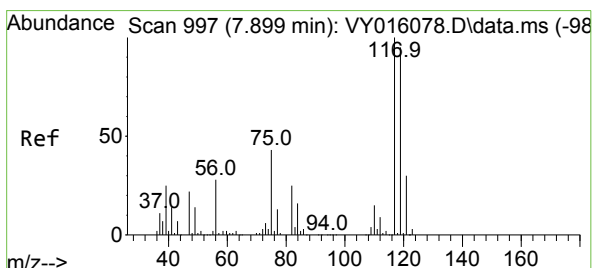
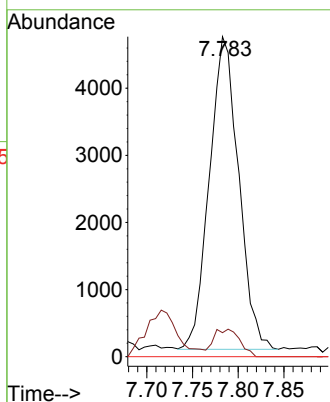
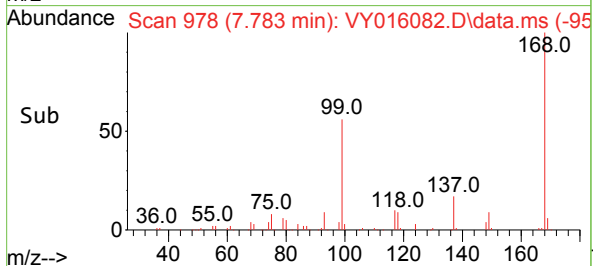


#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

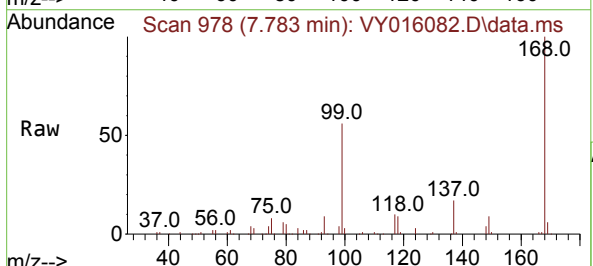
Instrument :
MSVOA_Y
ClientSampleId :



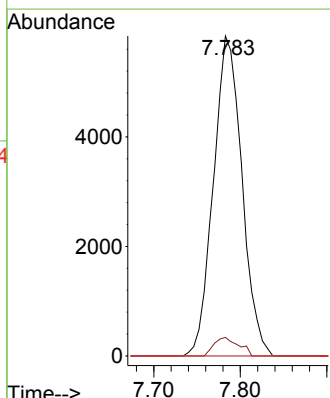
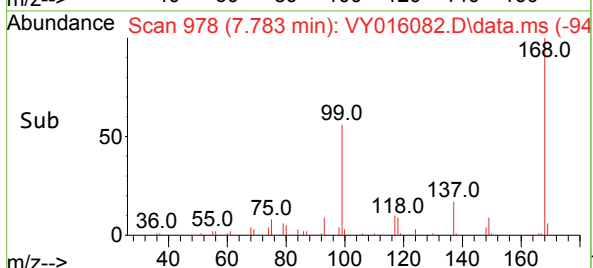
Tgt Ion: 75 Resp: 10383
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 24.4 36.6#

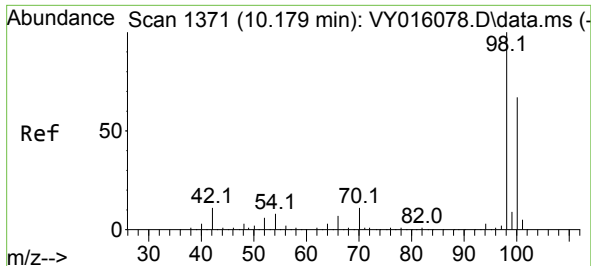


#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04



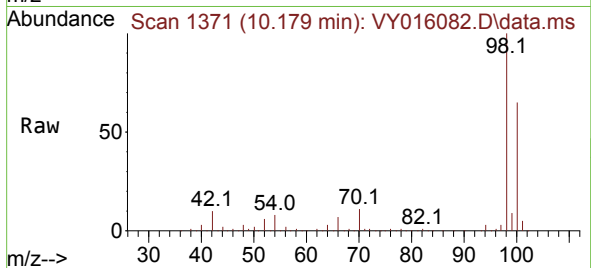
Tgt Ion: 117 Resp: 13368
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



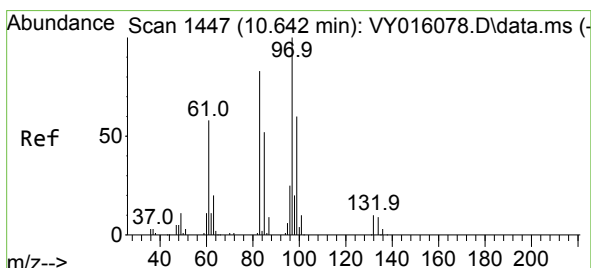
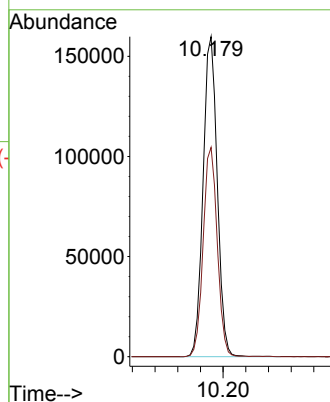
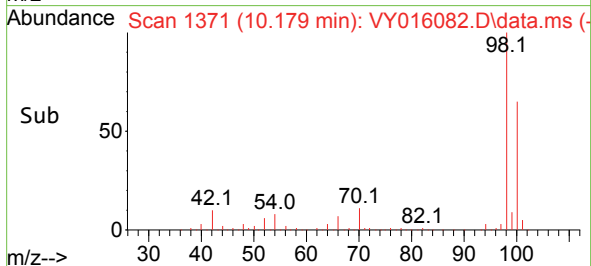


#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

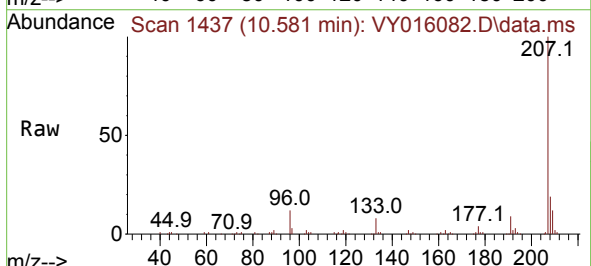
Instrument :
MSVOA_Y
ClientSampleId :



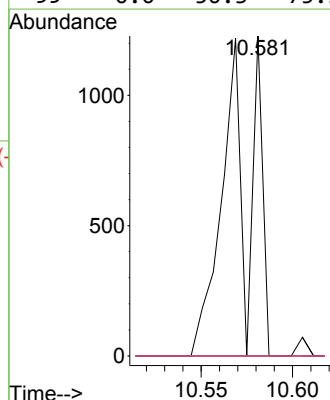
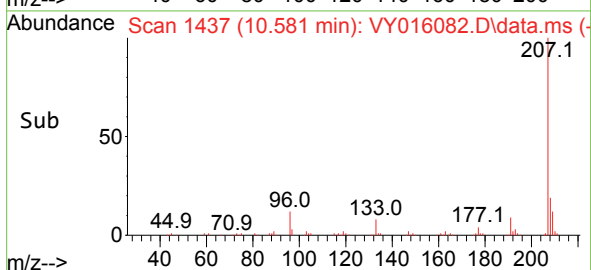
Tgt Ion: 98 Resp: 276754
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

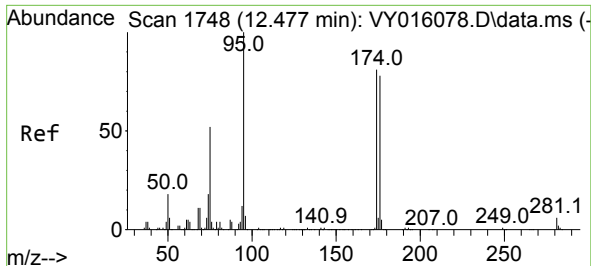


#55
1,1,2-Trichloroethane
Concen: 1.069 ug/l
RT: 10.581 min Scan# 1437
Delta R.T. -0.061 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04



Tgt Ion: 97 Resp: 1334
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 45.4 68.0#
99 0.0 50.3 75.5#

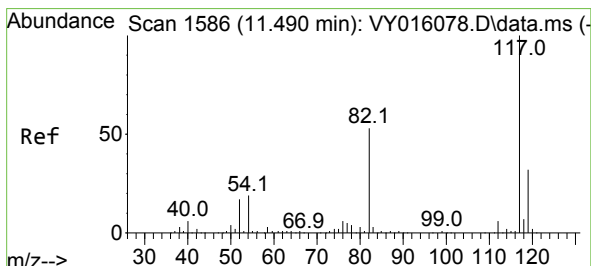
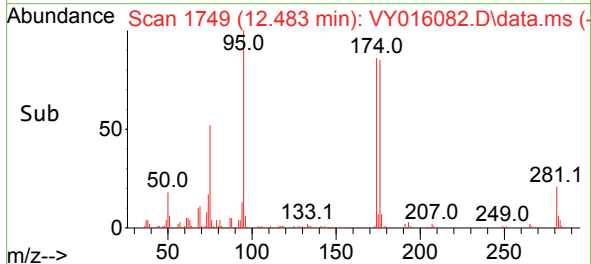
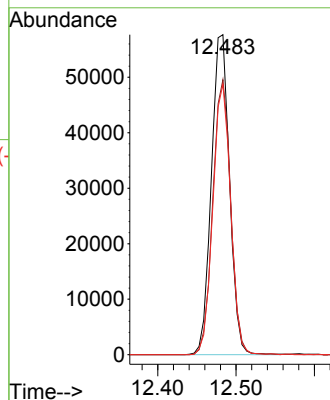
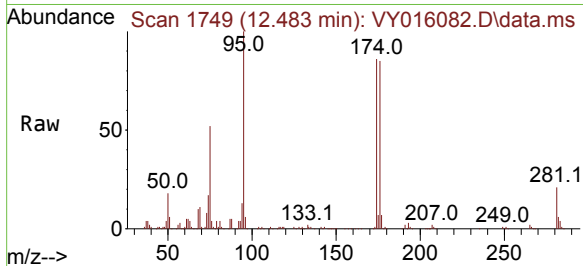




#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

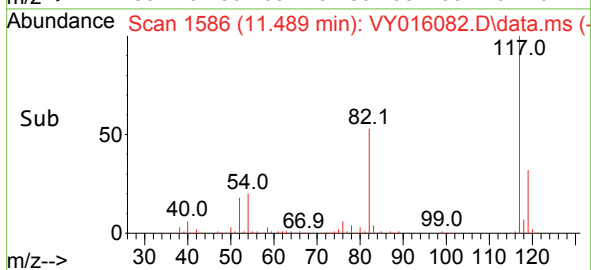
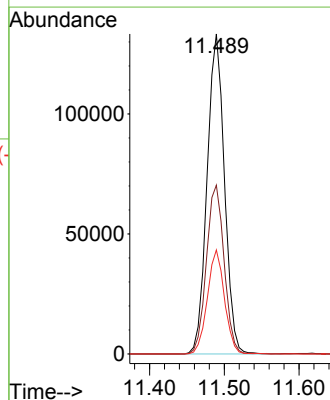
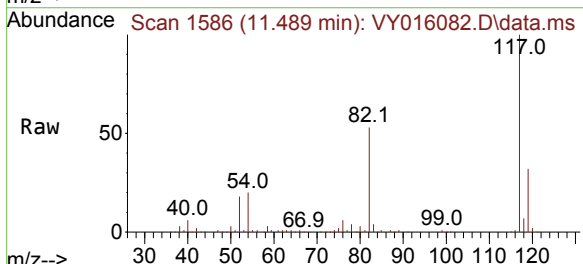
Instrument :
MSVOA_Y
ClientSampleId :

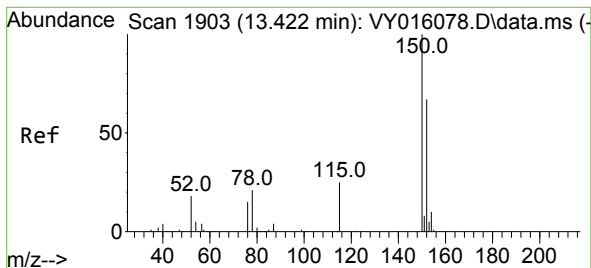
Tgt Ion: 95 Resp: 92770
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Tgt Ion: 117 Resp: 214969
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

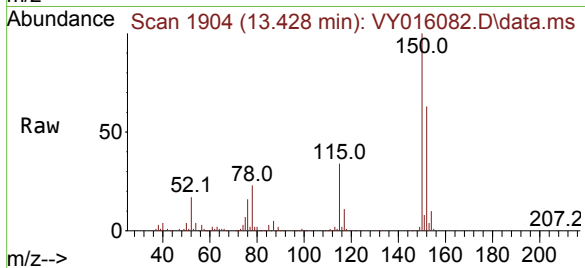
Lab File: VY016082.D

Acq: 26 Oct 2023 17:04

Instrument :

MSVOA_Y

ClientSampleId :



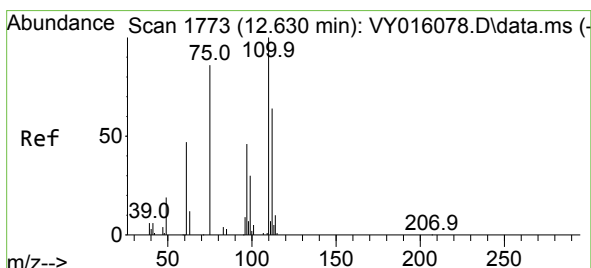
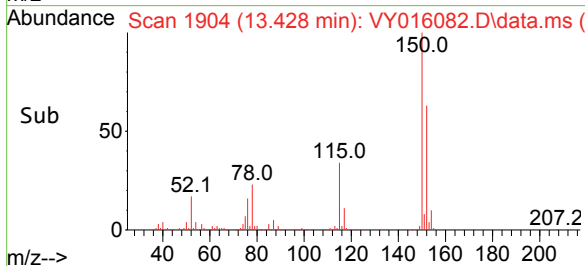
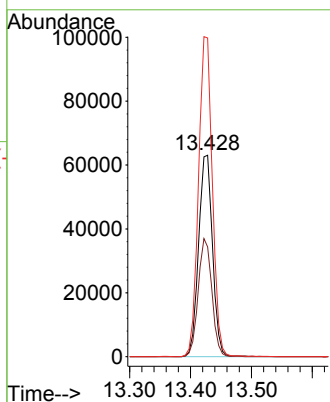
Tgt Ion:152 Resp: 100000

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.491 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016082.D

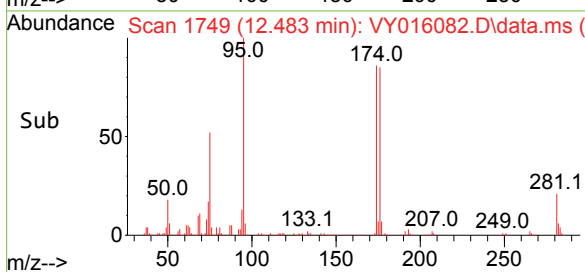
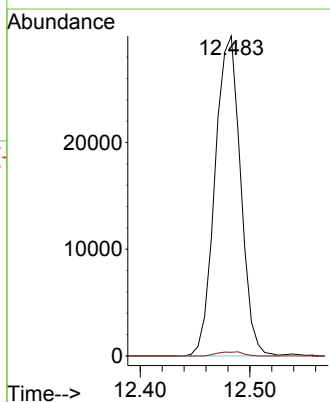
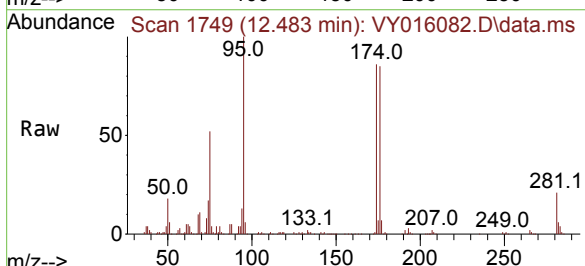
Acq: 26 Oct 2023 17:04

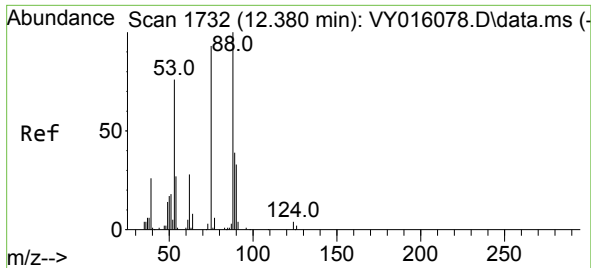
Tgt Ion: 75 Resp: 48486

Ion Ratio Lower Upper

75 100

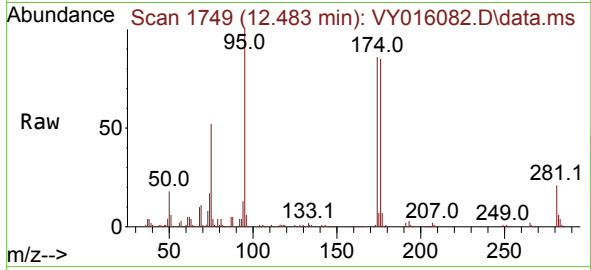
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.202 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016082.D
Acq: 26 Oct 2023 17:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	48486
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

