

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012650.D
 Acq On : 17 Feb 2023 14:55
 Operator : KP/MD
 Sample : 01595-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-322-3

Quant Time: Feb 17 22:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85439	45.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.580%
35) Dibromofluoromethane	7.716	113	73354	40.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.640%
50) Toluene-d8	10.179	98	294421	39.367	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.740%
62) 4-Bromofluorobenzene	12.477	95	102780	39.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.800%

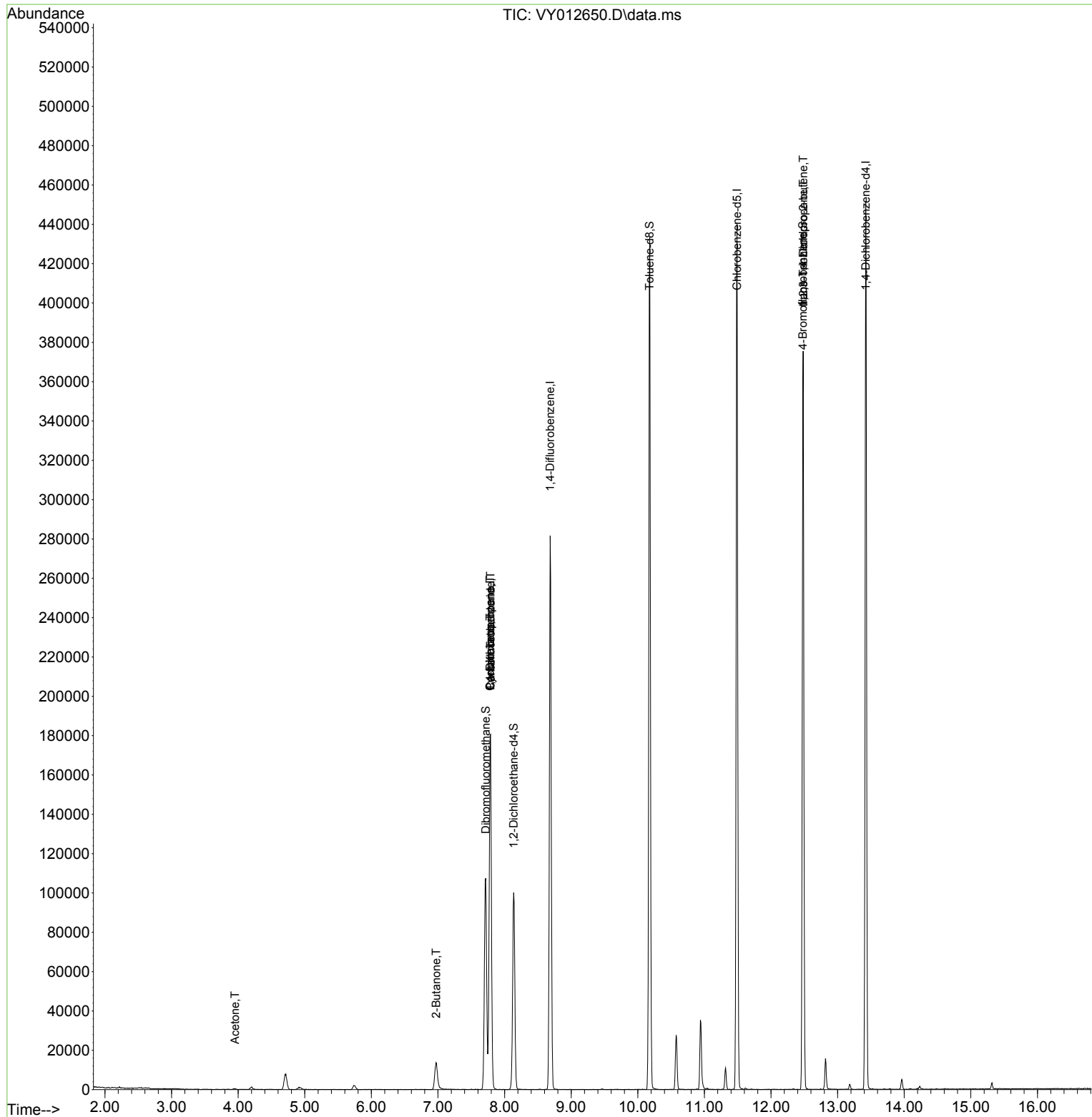
Target Compounds					Qvalue
5) Bromomethane	2.649	94	22	Below Cal	# 3
11) Tert butyl alcohol	4.911	59	526	Below Cal	# 75
16) Acetone	3.954	43	796	1.753 ug/l	# 80
20) Methylene Chloride	4.716	84	6793	Below Cal	# 91
25) 2-Butanone	6.972	43	593	1.177 ug/l	# 40
31) Cyclohexane	7.783	56	2445	1.121 ug/l	# 27
36) 1,1-Dichloropropene	7.783	75	9687	3.983 ug/l	# 50
38) Carbon Tetrachloride	7.789	117	14072	4.311 ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	54489	39.349 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	54489	88.734 ug/l	# 12

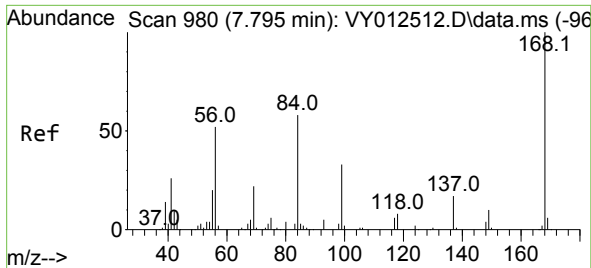
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

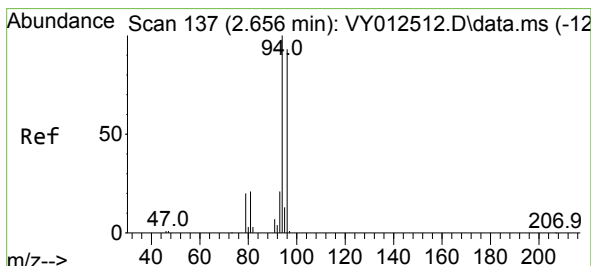
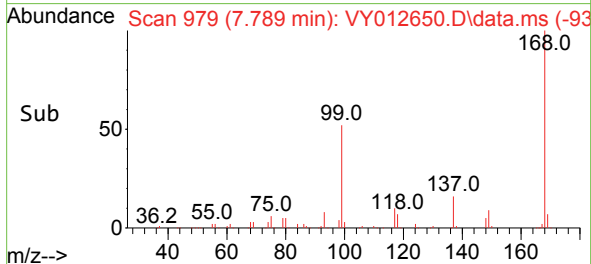
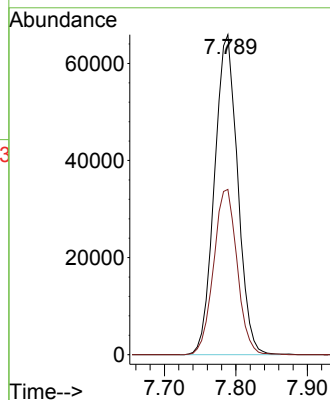
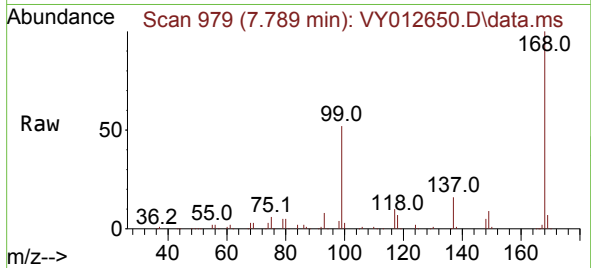




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

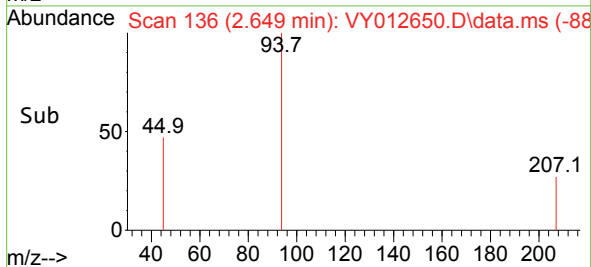
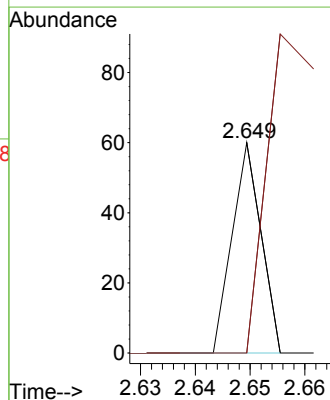
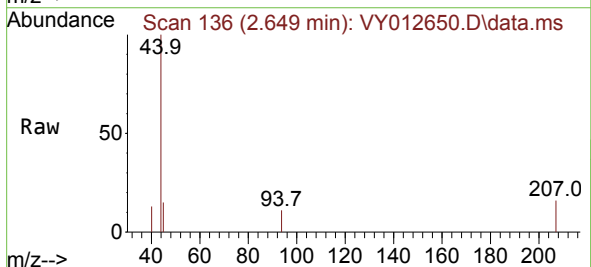
Instrument :
MSVOA_Y
ClientSampleId :
S-322-3

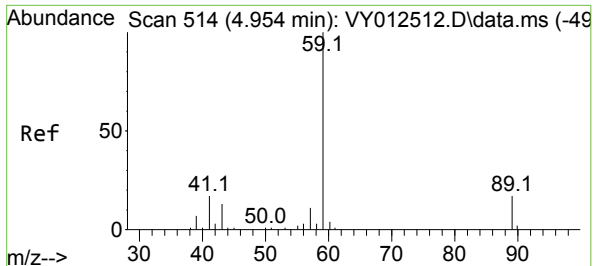
Tgt Ion:168 Resp: 148353
Ion Ratio Lower Upper
168 100
99 51.6 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.649 min Scan# 136
Delta R.T. -0.007 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY012650.D

Acq: 17 Feb 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

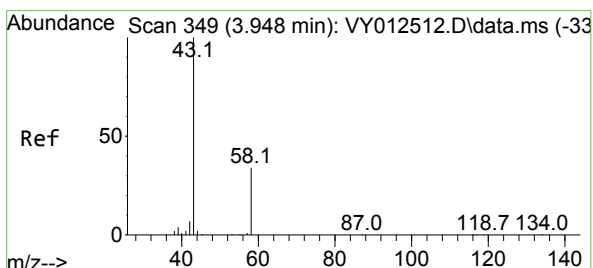
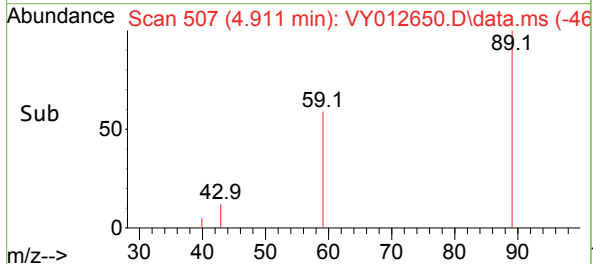
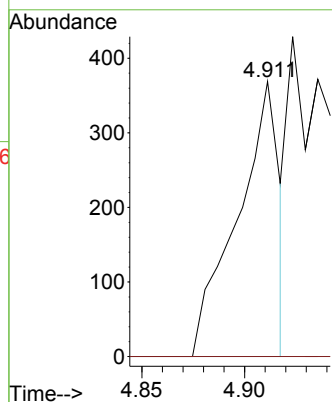
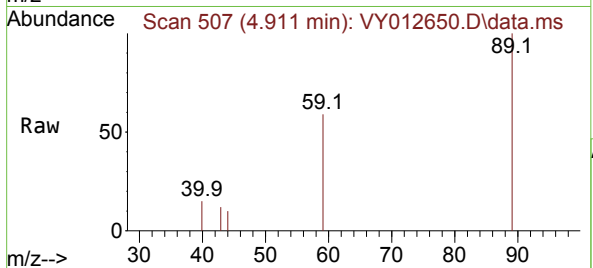
S-322-3

Tgt Ion: 59 Resp: 526

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 1.753 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY012650.D

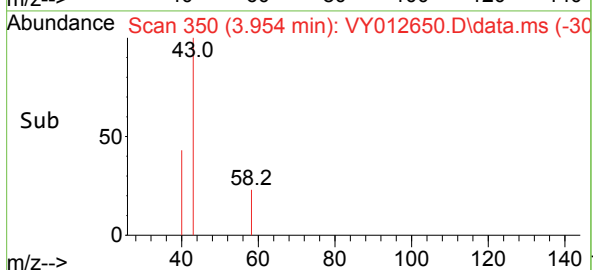
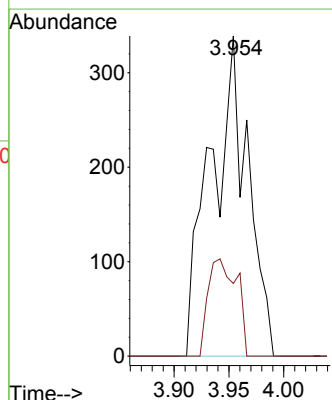
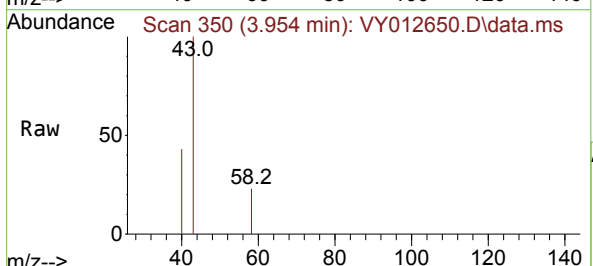
Acq: 17 Feb 2023 14:55

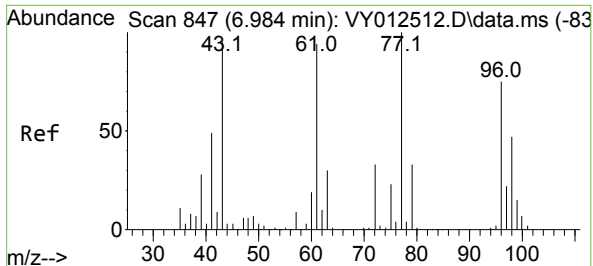
Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 22.7 27.1 40.7#





#25

2-Butanone

Concen: 1.177 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012650.D

Acq: 17 Feb 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

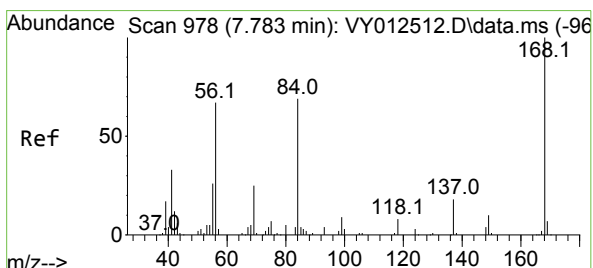
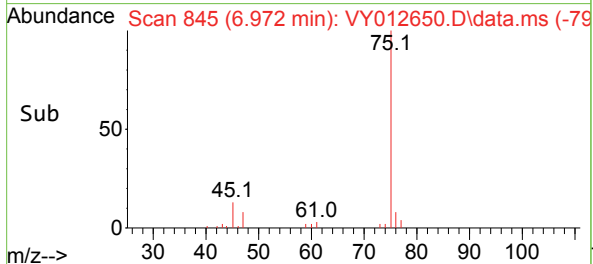
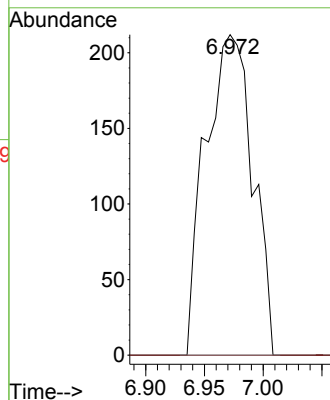
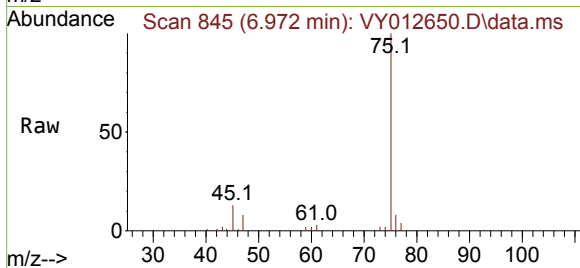
S-322-3

Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

72 0.0 27.4 41.2#



#31

Cyclohexane

Concen: 1.121 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012650.D

Acq: 17 Feb 2023 14:55

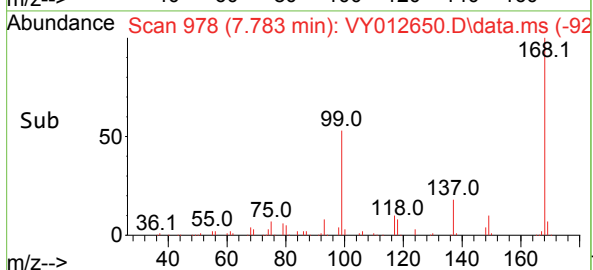
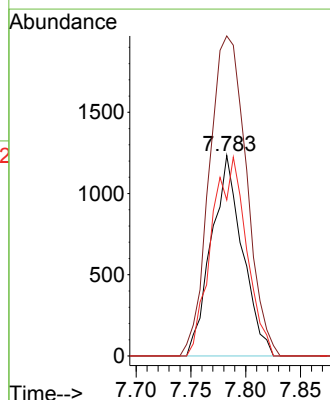
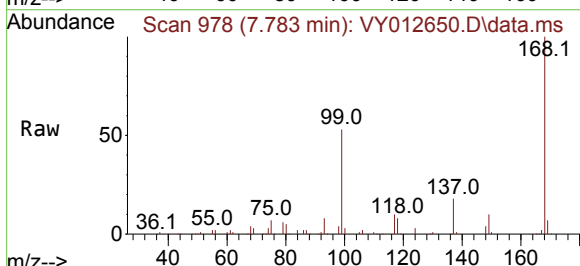
Tgt Ion: 56 Resp: 2445

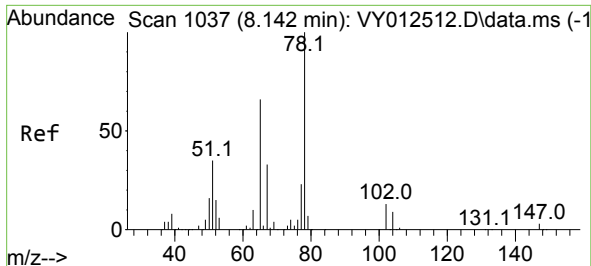
Ion Ratio Lower Upper

56 100

69 159.6 29.5 44.3#

84 77.8 81.9 122.9#

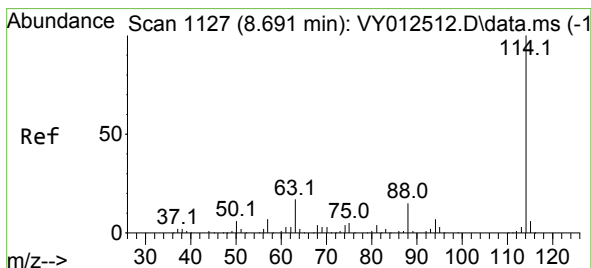
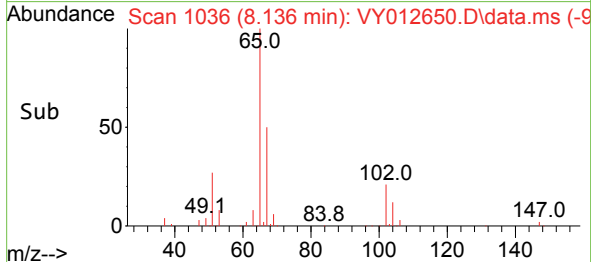
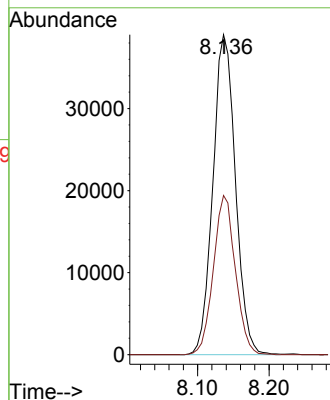
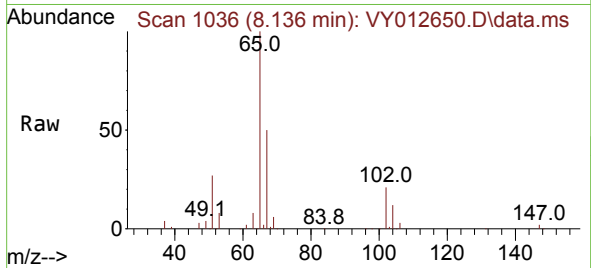




#33
 1,2-Dichloroethane-d4
 Concen: 45.290 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012650.D
 Acq: 17 Feb 2023 14:55

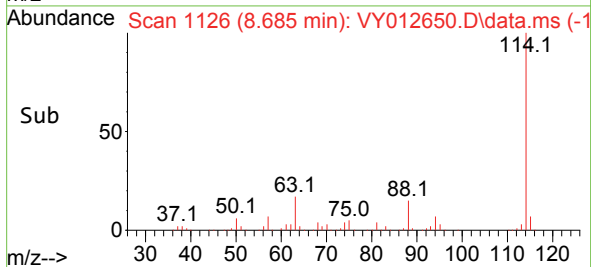
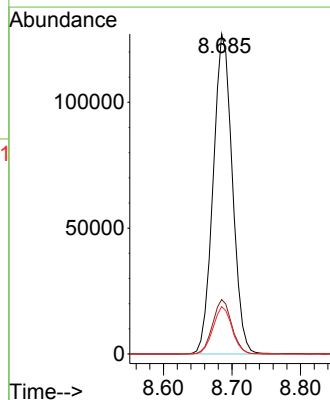
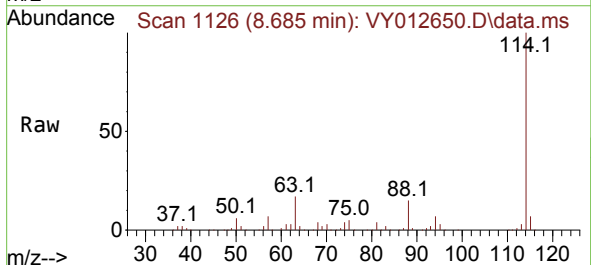
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-322-3

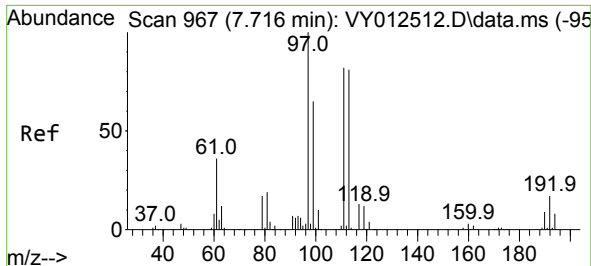
Tgt Ion: 65 Resp: 85439
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012650.D
 Acq: 17 Feb 2023 14:55

Tgt Ion:114 Resp: 246728
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.8 0.0 29.8

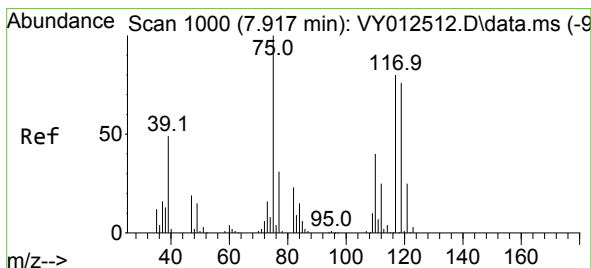
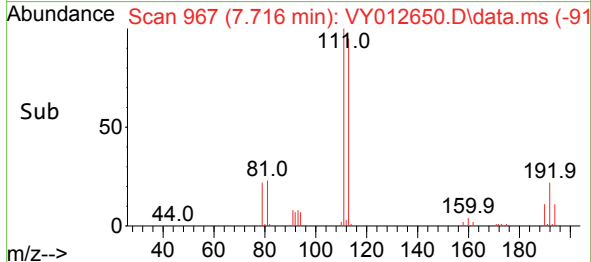
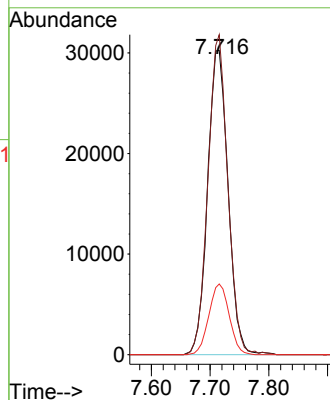
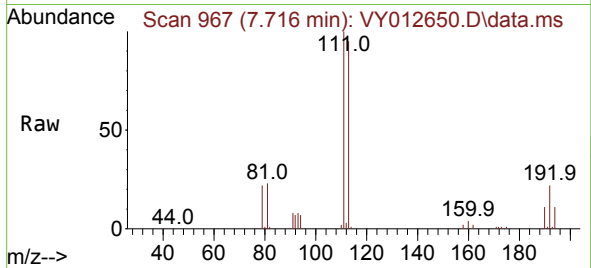




#35
Dibromofluoromethane
Concen: 40.824 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

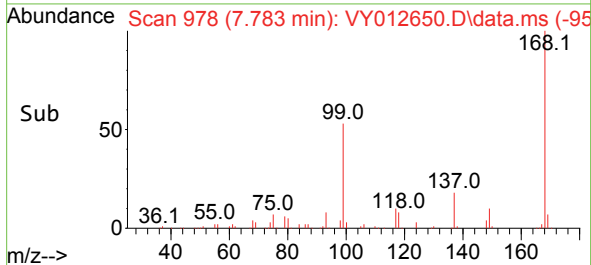
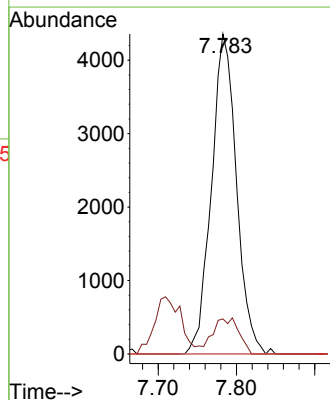
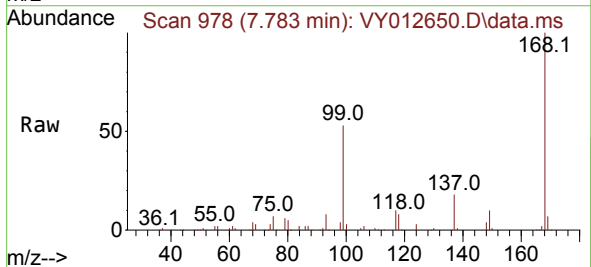
Instrument :
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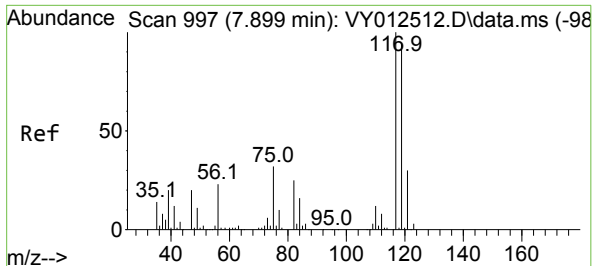
Tgt Ion:113 Resp: 73354
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 23.1 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.983 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

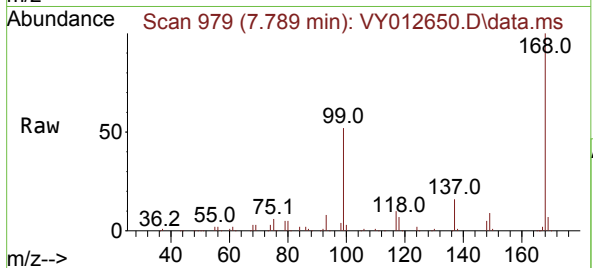
Tgt Ion: 75 Resp: 9687
Ion Ratio Lower Upper
75 100
110 11.4 19.5 58.5#
77 0.0 24.9 37.3#



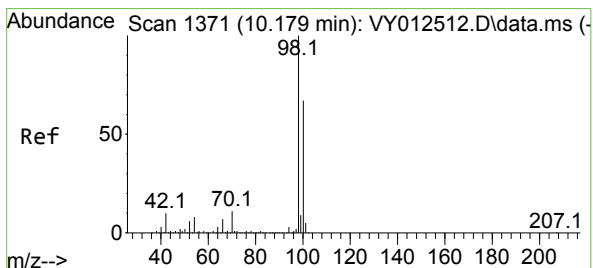
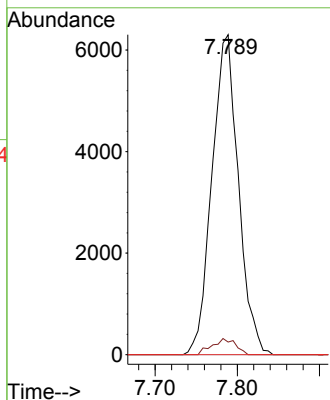
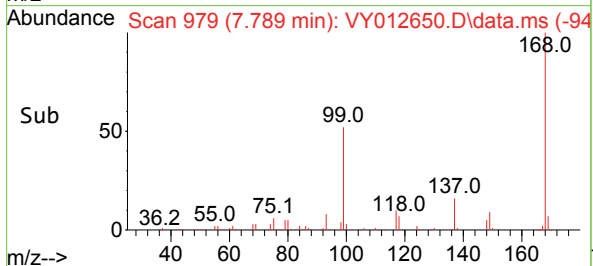


#38
Carbon Tetrachloride
Concen: 4.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Instrument :
MSVOA_Y
ClientSampleId :
S-322-3

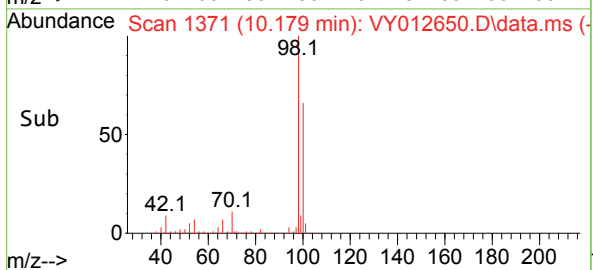
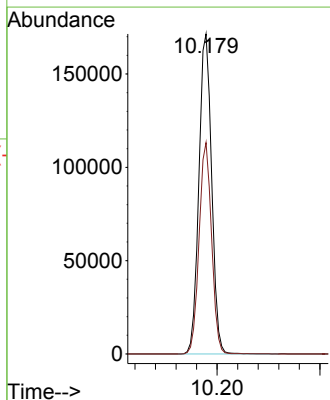
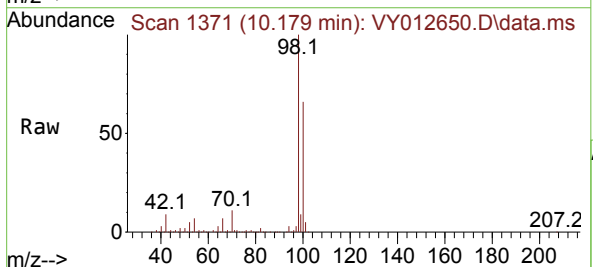


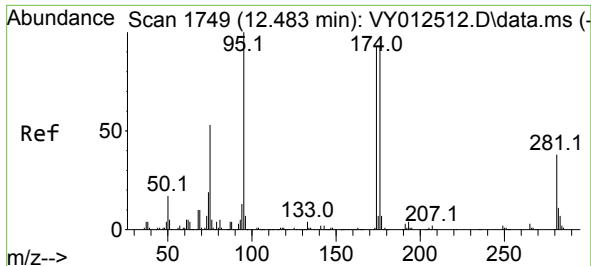
Tgt Ion:117 Resp: 14072
Ion Ratio Lower Upper
117 100
119 3.9 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.367 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion: 98 Resp: 294421
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

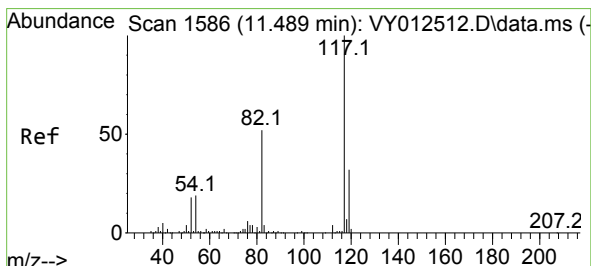
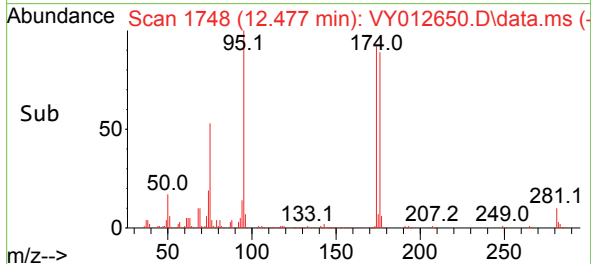
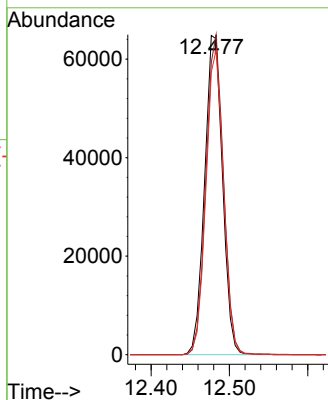
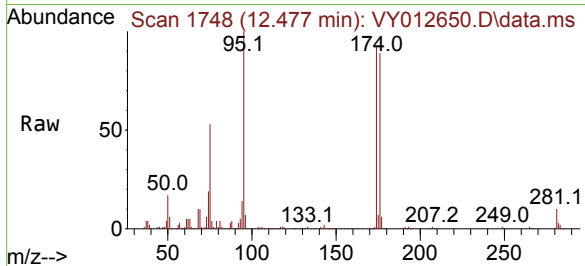




#62
4-Bromofluorobenzene
Concen: 39.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

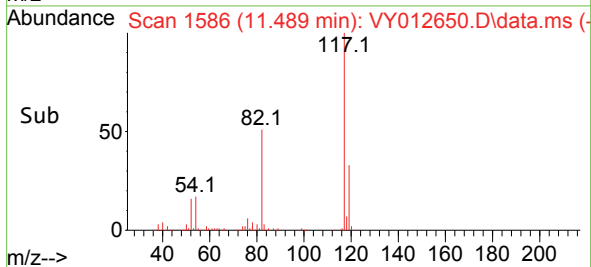
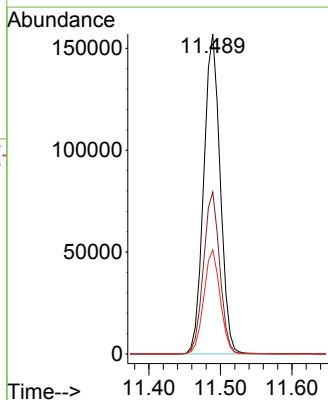
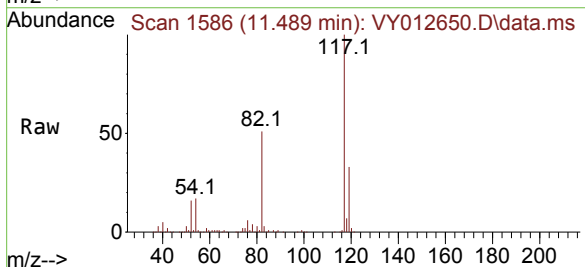
Instrument :
MSVOA_Y
ClientSampleId :
S-322-3

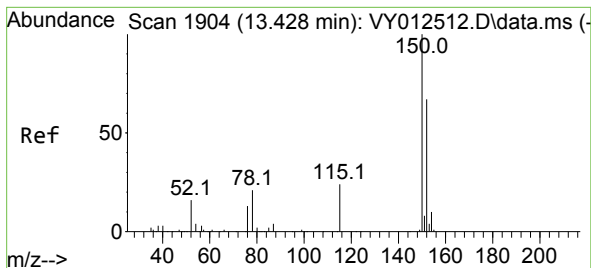
Tgt Ion:	95	Resp:	102780
Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	188.0
176	93.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012650.D
Acq: 17 Feb 2023 14:55

Tgt Ion:	117	Resp:	250962
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.7	62.5
119	32.6	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY012650.D

Acq: 17 Feb 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

S-322-3

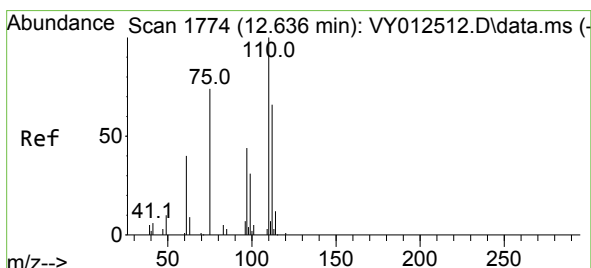
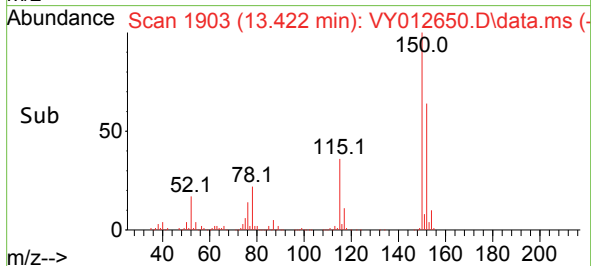
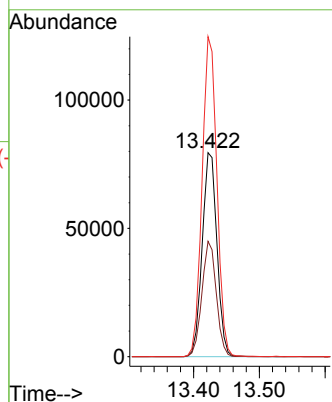
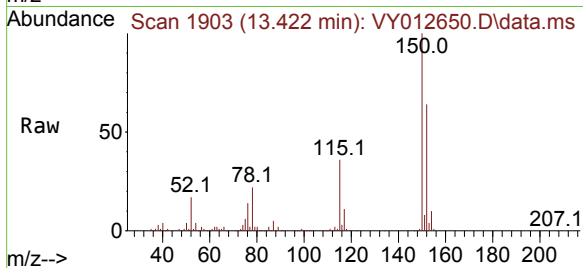
Tgt Ion:152 Resp: 123946

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 157.4 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 39.349 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012650.D

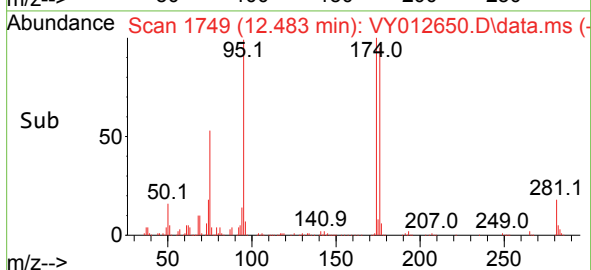
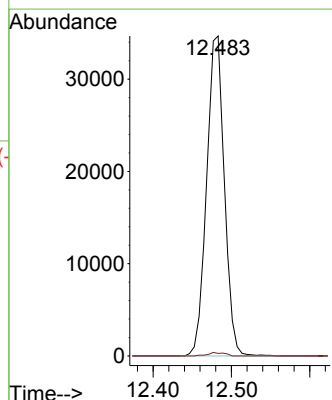
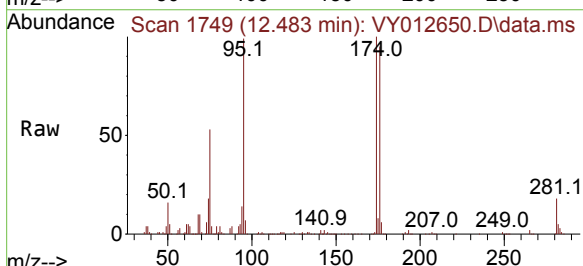
Acq: 17 Feb 2023 14:55

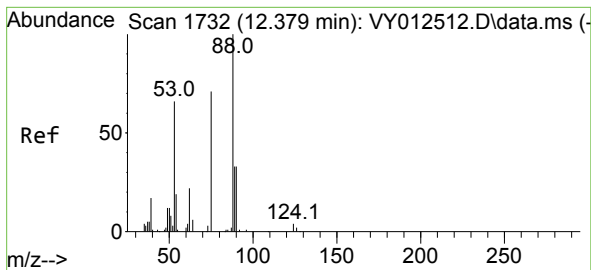
Tgt Ion: 75 Resp: 54489

Ion Ratio Lower Upper

75 100

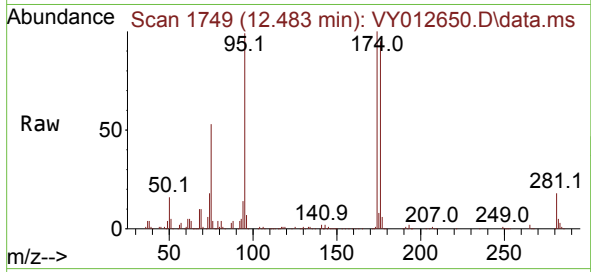
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.734 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012650.D
 Acq: 17 Feb 2023 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-322-3



Tgt Ion: 75 Resp: 54489
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.1 39.9 59.9#

