

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017522.D
 Acq On : 28 Feb 2024 15:54
 Operator : SY/MD
 Sample : P1622-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-022824

Quant Time: Feb 28 23:14:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

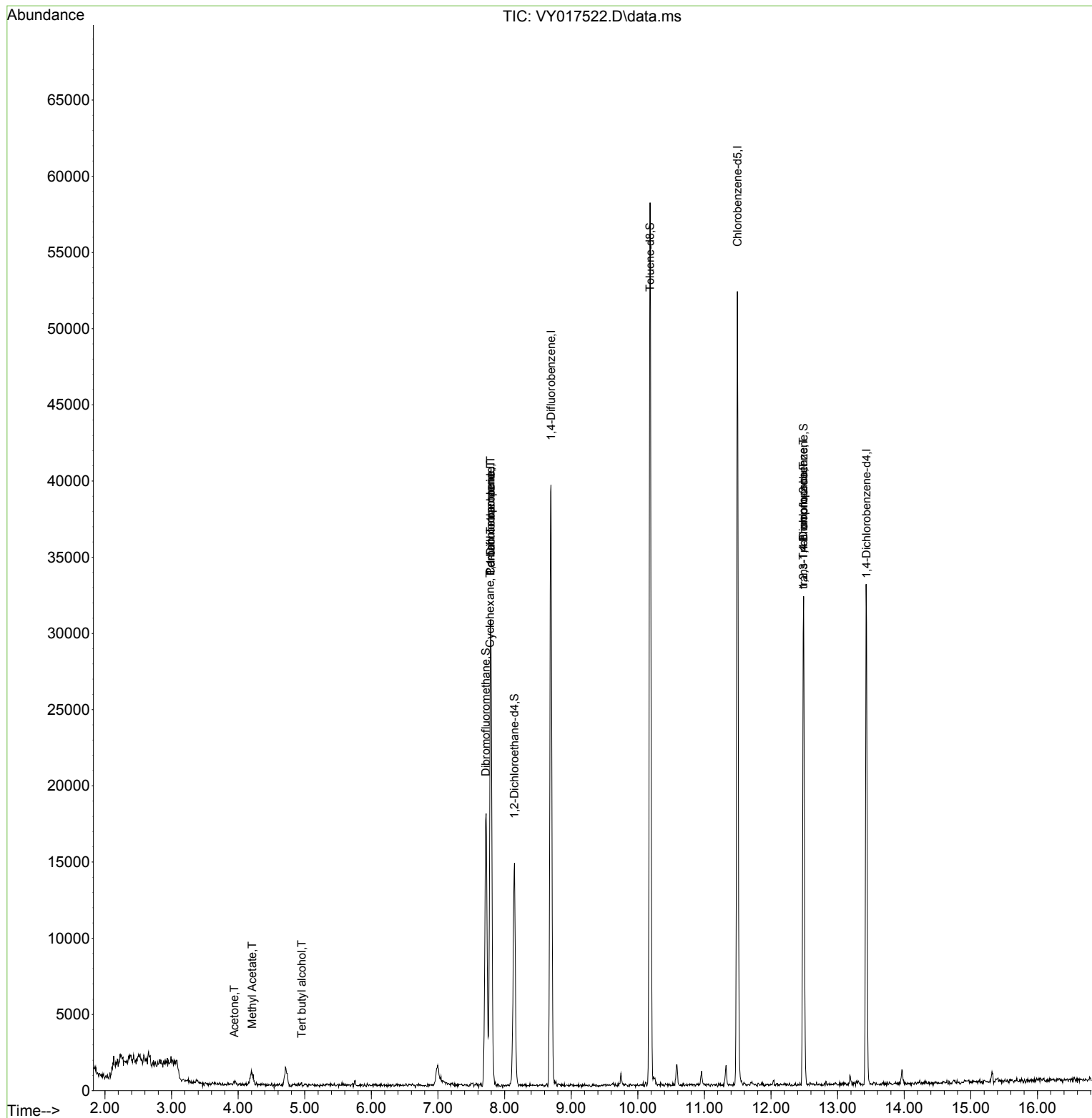
Internal Standards						
1) Pentafluorobenzene	7.789	168	26132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	37333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	30984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10868	43.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.716	113	13242	50.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.185	98	41202	45.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.489	95	9337	32.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	25	1.188	ug/l #	88
16) Acetone	3.942	43	185	3.851	ug/l #	36
18) Methyl Acetate	4.210	43	350	3.003	ug/l #	46
20) Methylene Chloride	4.716	84	1065	Below Cal	#	84
31) Cyclohexane	7.783	56	473	1.174	ug/l #	63
36) 1,1-Dichloropropene	7.789	75	2014	5.738	ug/l #	43
38) Carbon Tetrachloride	7.789	117	2480	7.050	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	4576	49.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4576	114.486	ug/l #	16

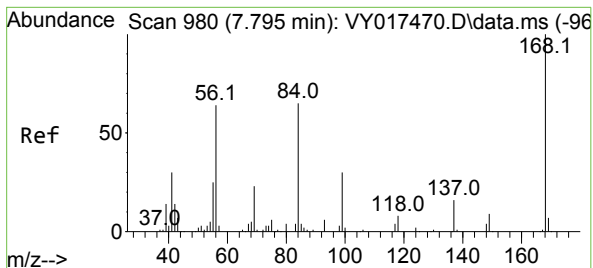
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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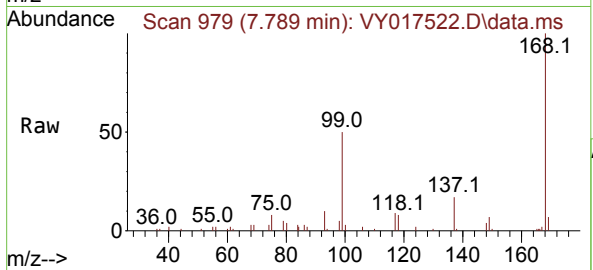
Quant Time: Feb 28 23:14:42 2024
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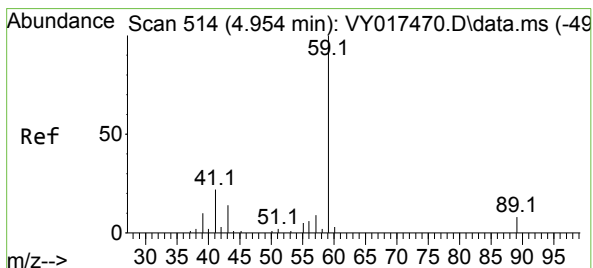
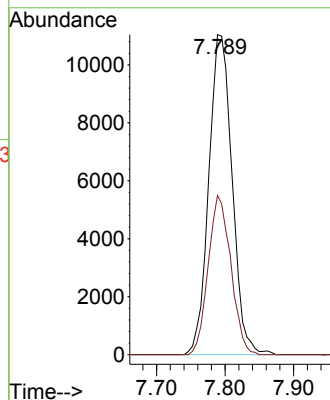
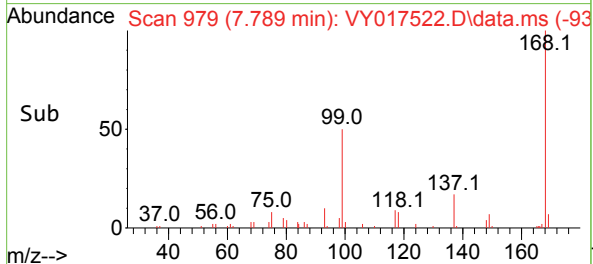


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

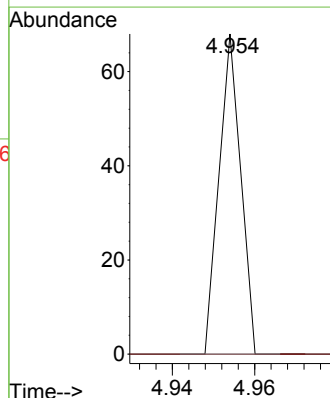
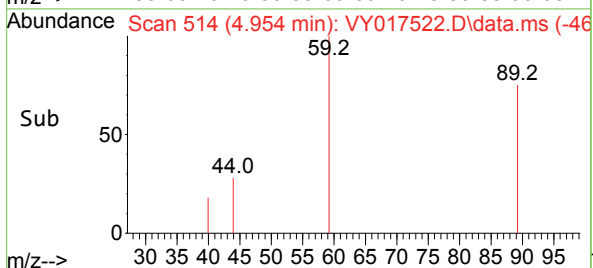
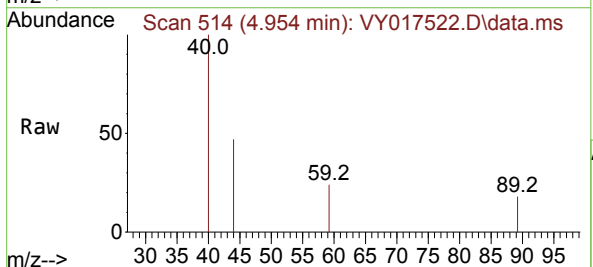


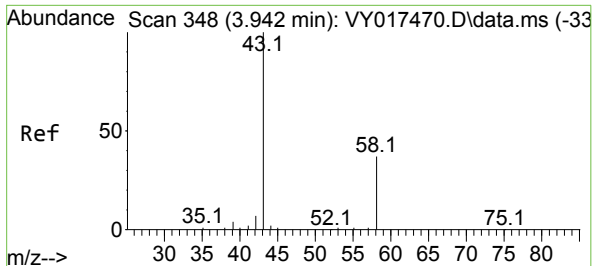
Tgt Ion:168 Resp: 26132
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.188 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.851 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

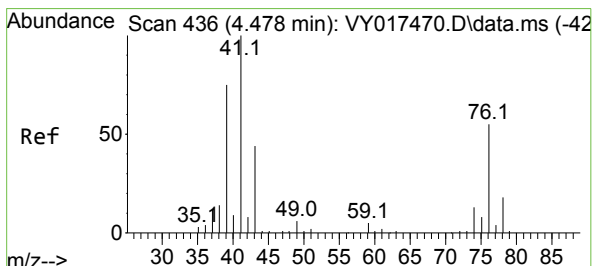
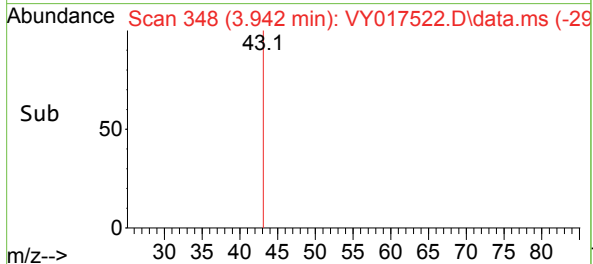
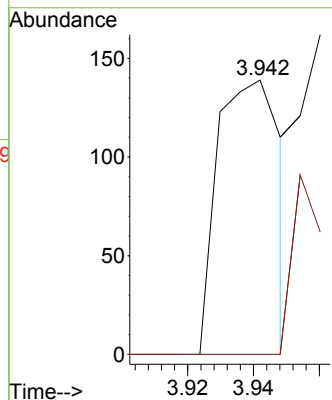
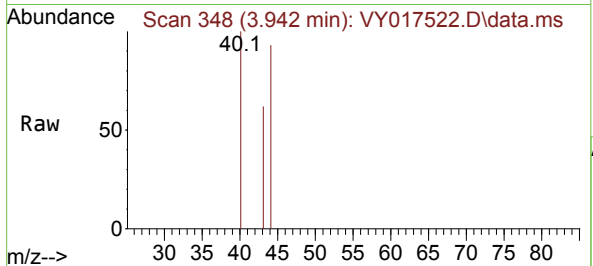
HD-02-022824

Tgt Ion: 43 Resp: 185

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#18

Methyl Acetate

Concen: 3.003 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.268 min

Lab File: VY017522.D

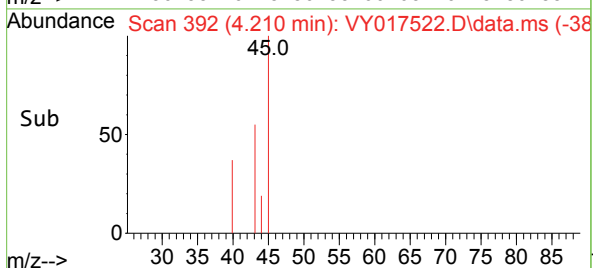
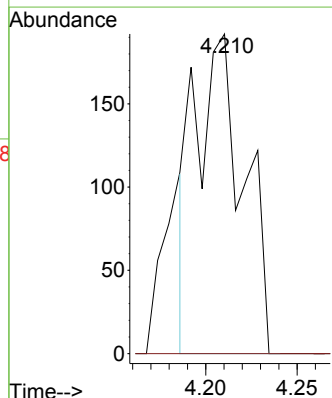
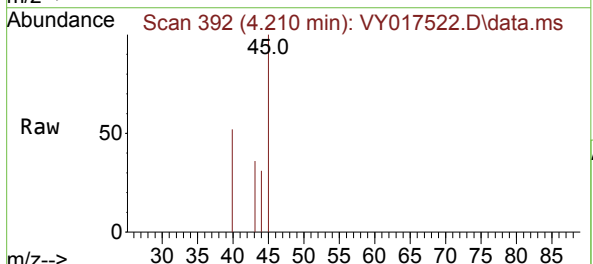
Acq: 28 Feb 2024 15:54

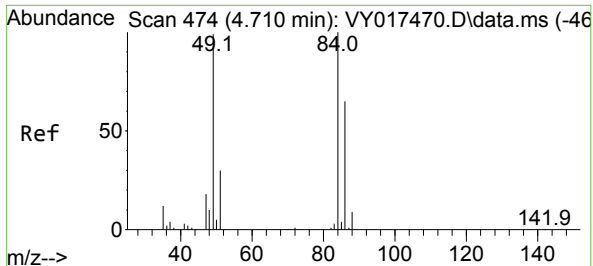
Tgt Ion: 43 Resp: 350

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017522.D

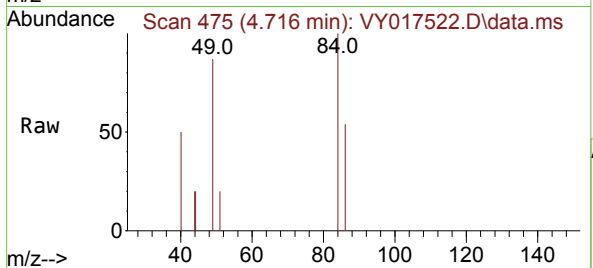
Acq: 28 Feb 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-022824



Tgt Ion: 84 Resp: 1065

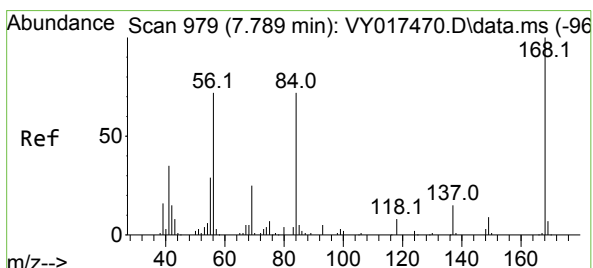
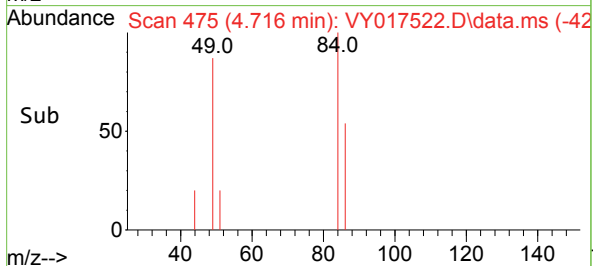
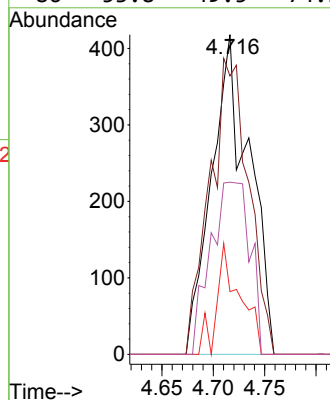
Ion Ratio Lower Upper

84 100

49 87.1 84.4 126.6

51 19.6 26.0 39.0#

86 53.8 49.5 74.3



#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

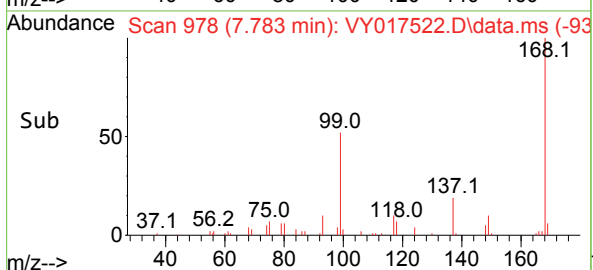
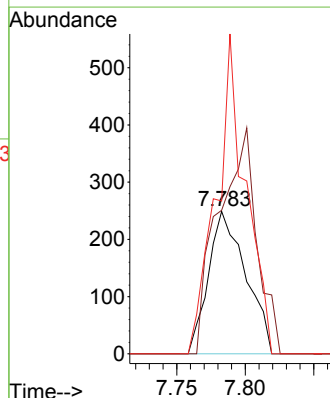
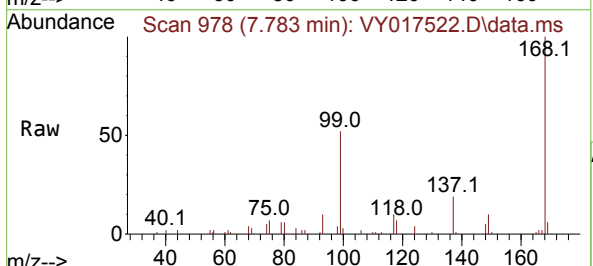
Tgt Ion: 56 Resp: 473

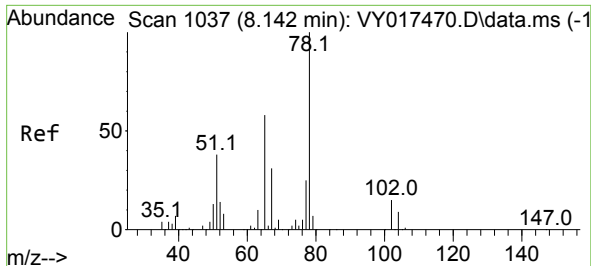
Ion Ratio Lower Upper

56 100

69 100.8 28.7 43.1#

84 107.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 43.883 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

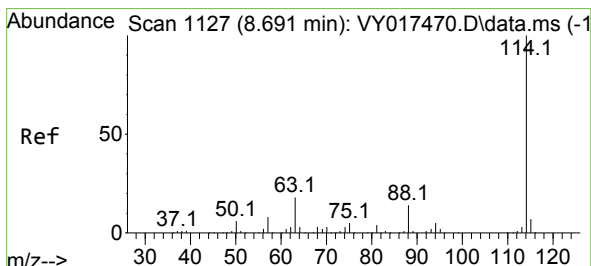
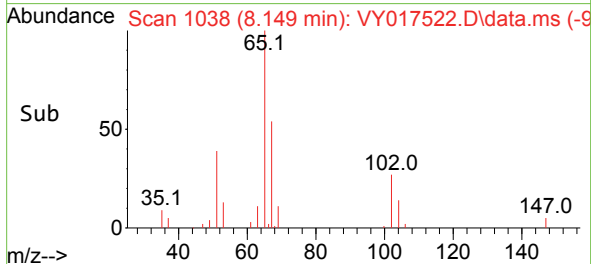
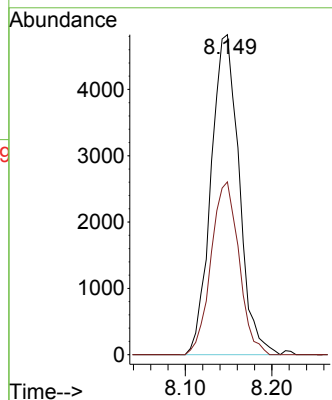
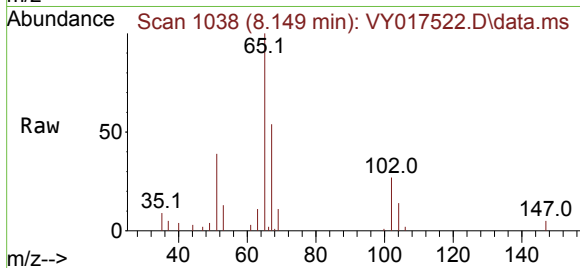
HD-02-022824

Tgt Ion: 65 Resp: 10868

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

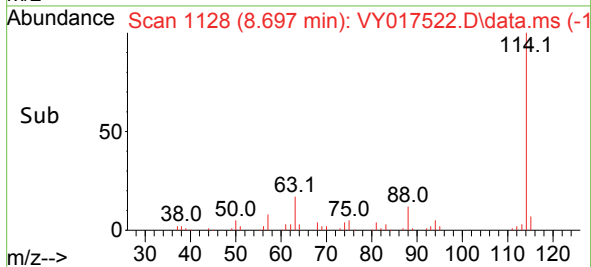
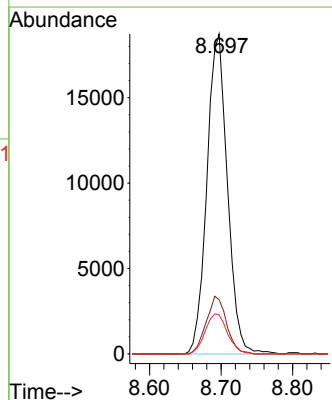
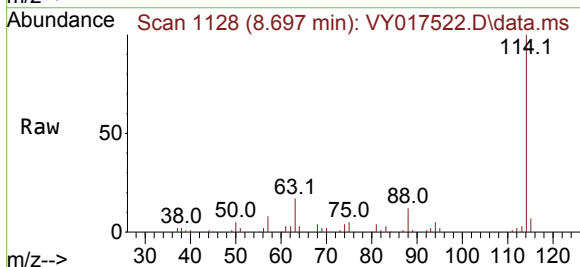
Tgt Ion: 114 Resp: 37333

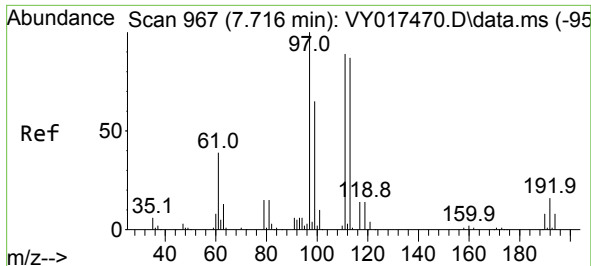
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.3 0.0 27.2

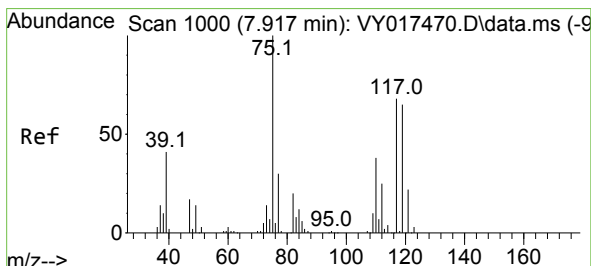
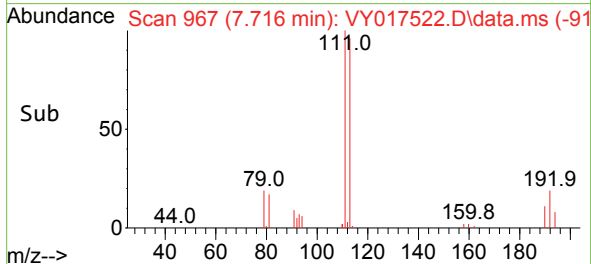
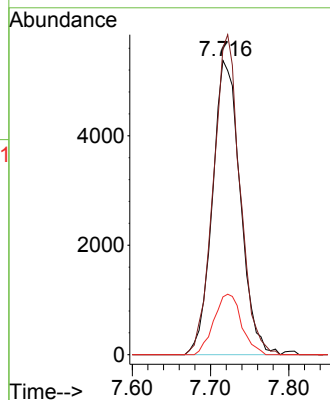
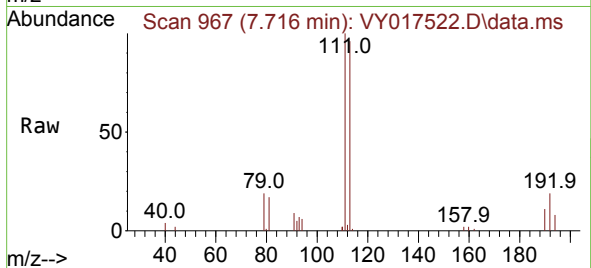




#35
Dibromofluoromethane
Concen: 50.902 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

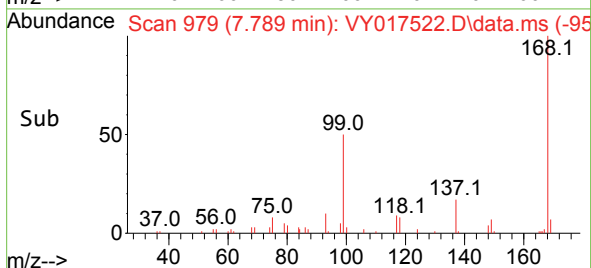
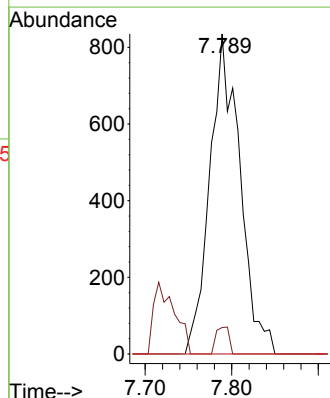
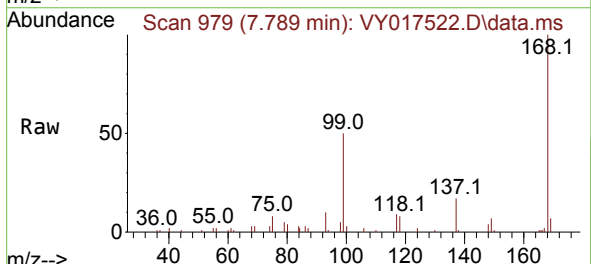
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

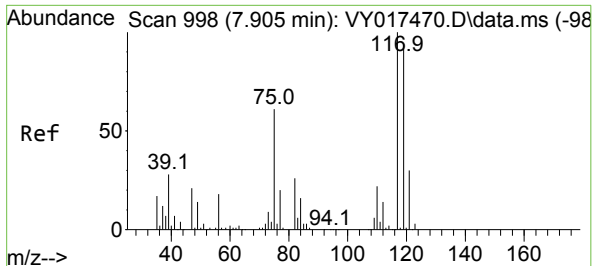
Tgt Ion:113 Resp: 13242
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.738 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

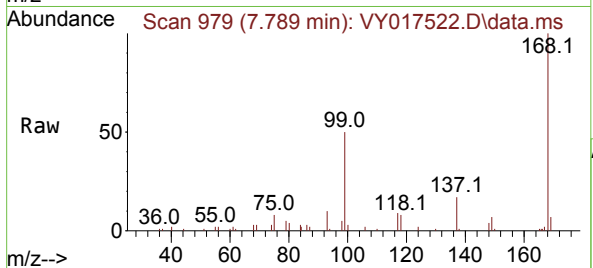
Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
110 3.7 19.0 57.0#
77 0.0 25.3 37.9#



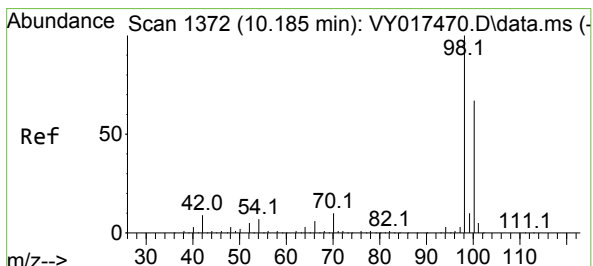
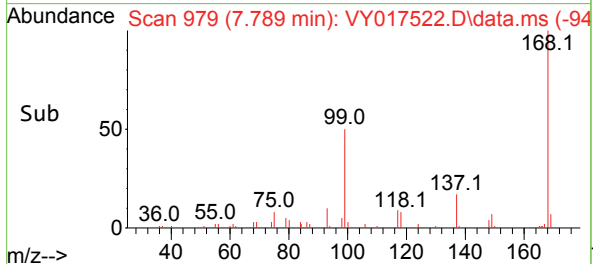
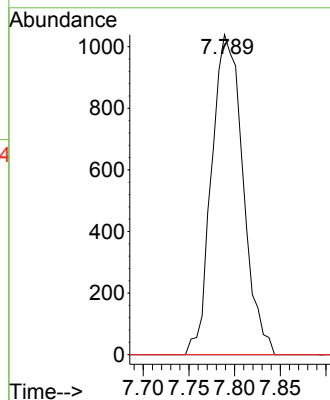


#38
Carbon Tetrachloride
Concen: 7.050 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

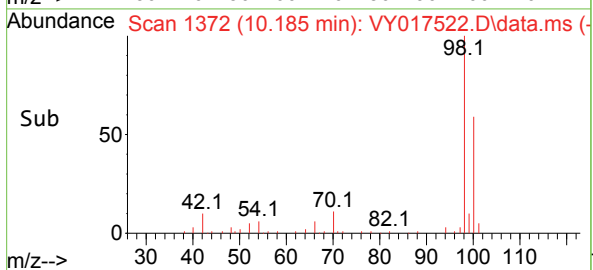
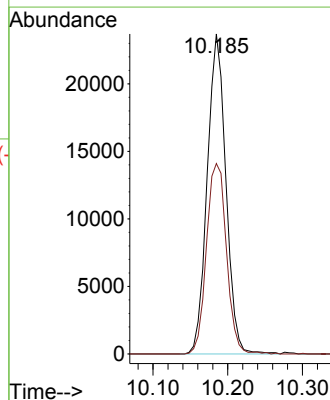
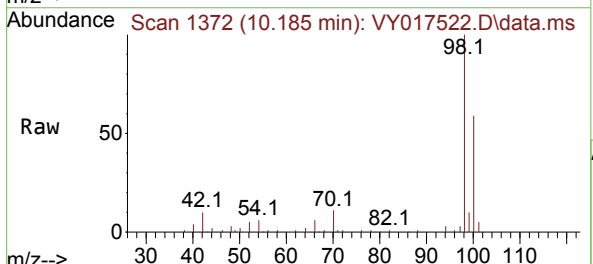


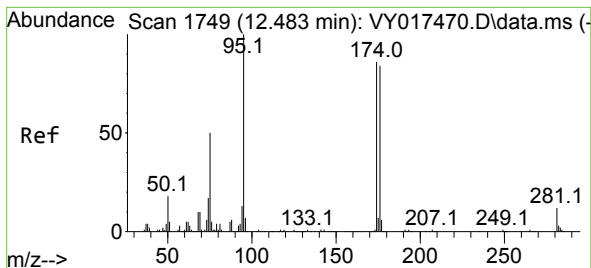
Tgt Ion:117 Resp: 2480
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.298 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion: 98 Resp: 41202
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

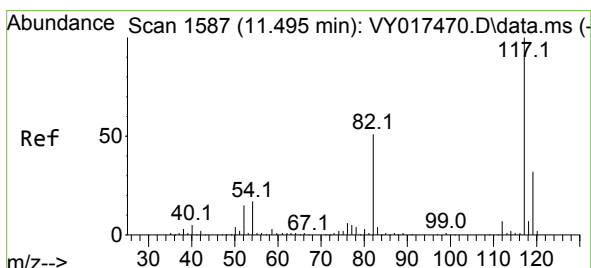
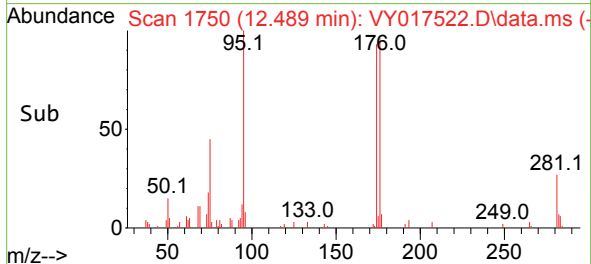
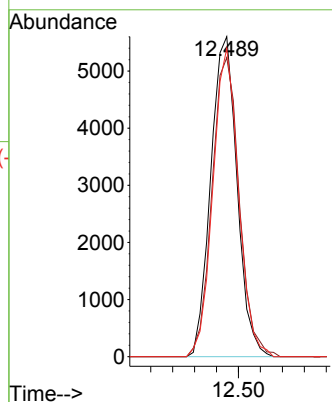
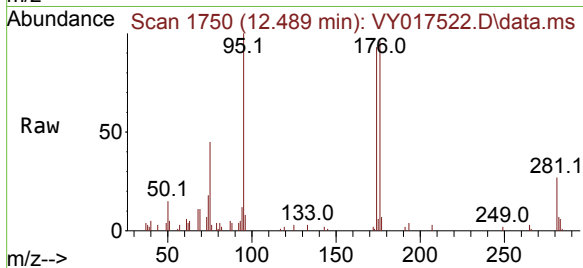




#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

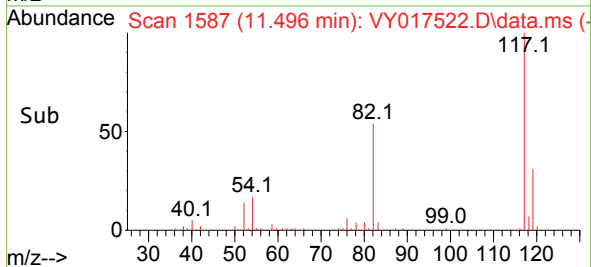
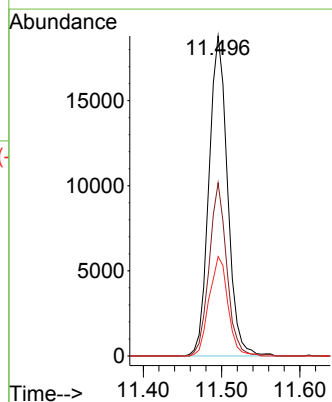
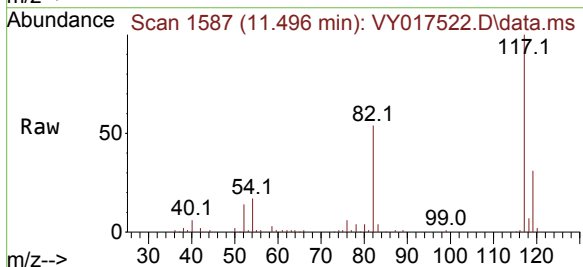
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824

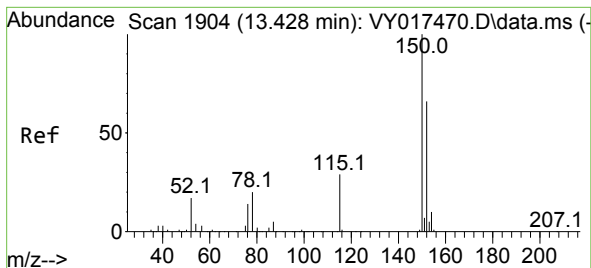
Tgt Ion: 95 Resp: 9337
Ion Ratio Lower Upper
95 100
174 96.7 0.0 175.6
176 93.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Tgt Ion: 117 Resp: 30984
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017522.D

Acq: 28 Feb 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-022824

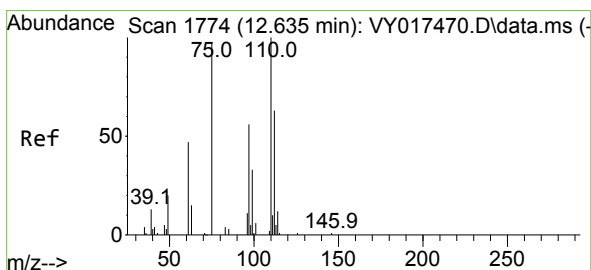
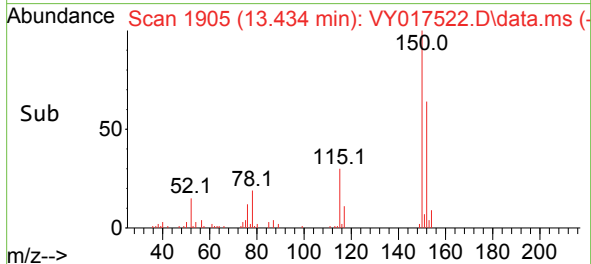
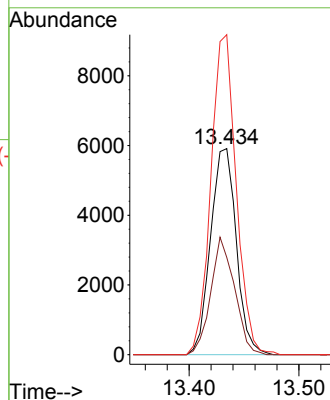
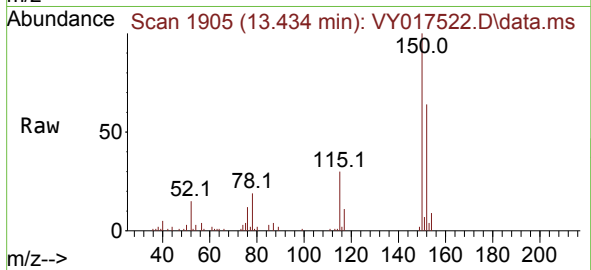
Tgt Ion:152 Resp: 9666

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 152.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.825 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017522.D

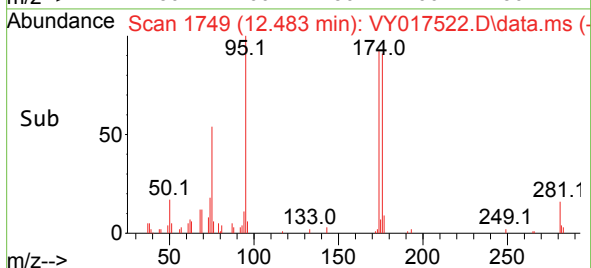
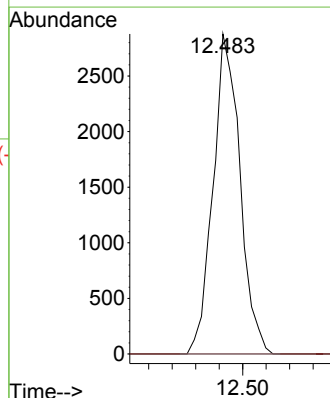
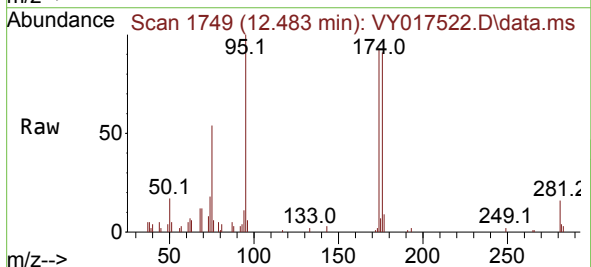
Acq: 28 Feb 2024 15:54

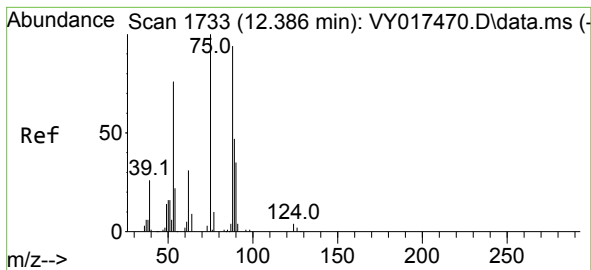
Tgt Ion: 75 Resp: 4576

Ion Ratio Lower Upper

75 100

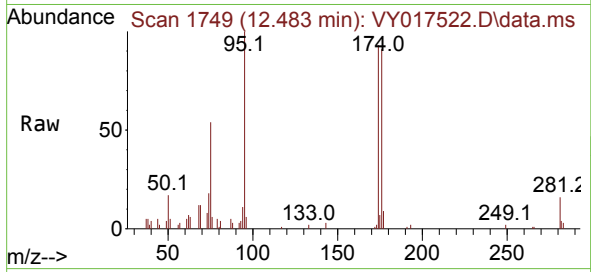
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 114.486 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017522.D
Acq: 28 Feb 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-022824



Tgt Ion:	75	Resp:	4576
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

