

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017273.D
 Acq On : 06 Feb 2024 18:35
 Operator : SY/MD
 Sample : P1374-01
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-020524

Quant Time: Feb 07 00:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

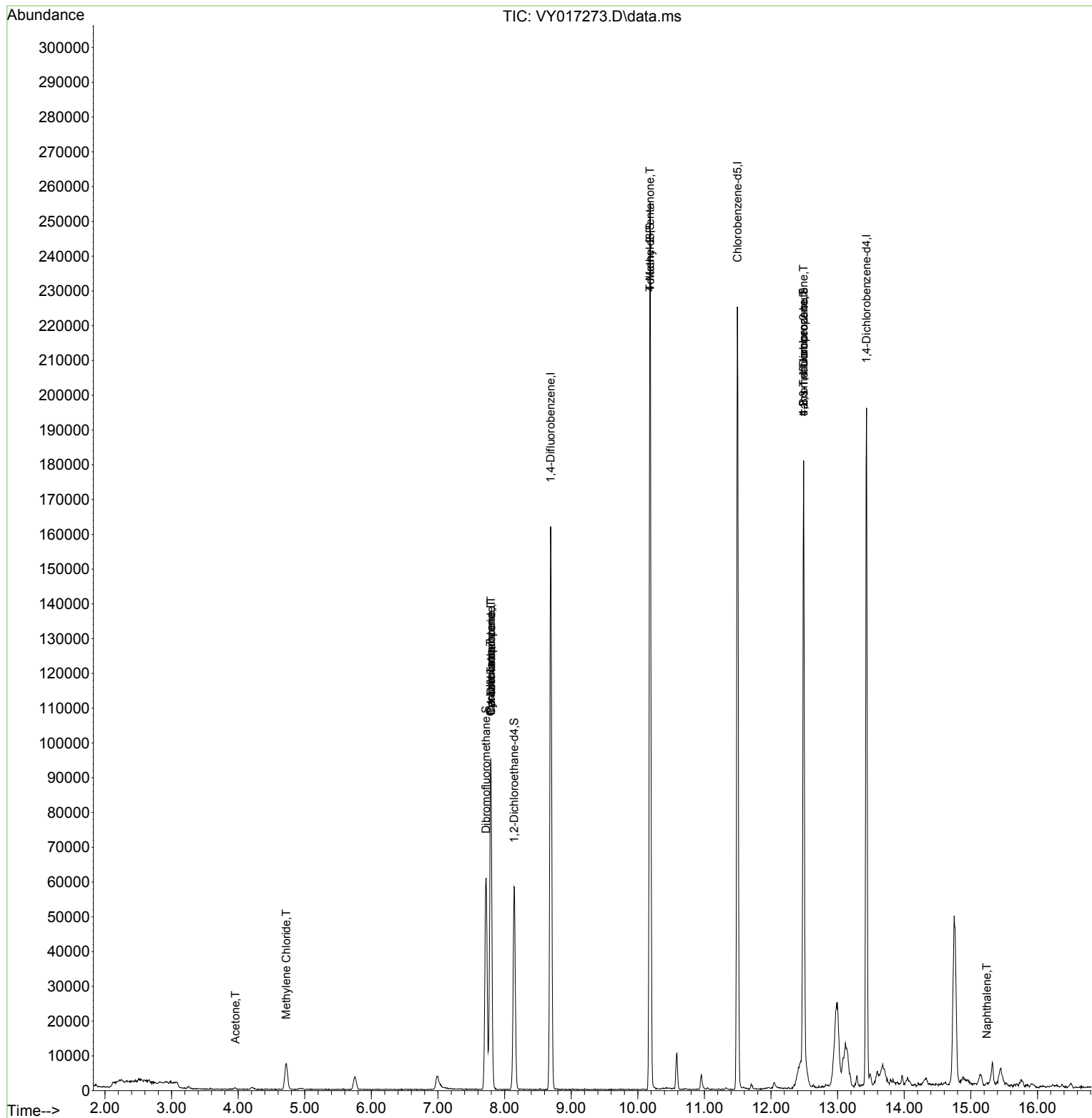
Internal Standards						
1) Pentafluorobenzene	7.795	168	72091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	119207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44185	68.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.220%			
35) Dibromofluoromethane	7.722	113	45112	61.532	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.060%			
50) Toluene-d8	10.185	98	159892	59.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 119.800%			
62) 4-Bromofluorobenzene	12.489	95	49794	56.945	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.880%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	301	Below Cal	#	75
16) Acetone	3.960	43	755	3.989	ug/l	93
20) Methylene Chloride	4.722	84	5670	4.098	ug/l	95
31) Cyclohexane	7.789	56	1790	1.379	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	6487	5.130	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	7696	6.356	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.185	43	782	1.405	ug/l	# 1
76) 1,2,3-Trichloropropane	12.489	75	27308	63.070	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	27308	131.050	ug/l	# 13
95) Naphthalene	15.239	128	556	3.841	ug/l	# 74

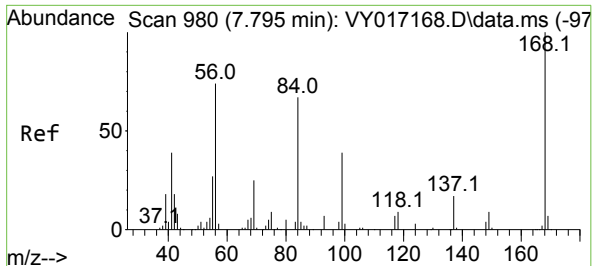
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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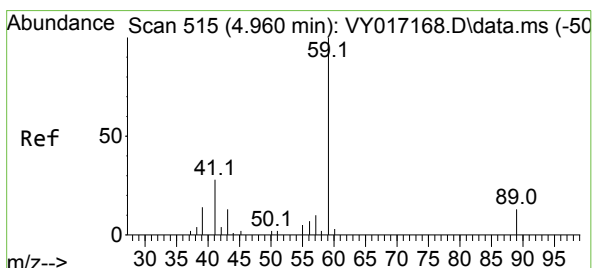
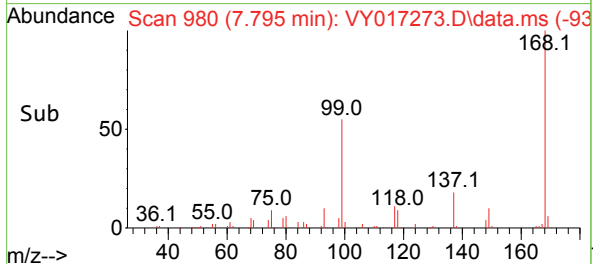
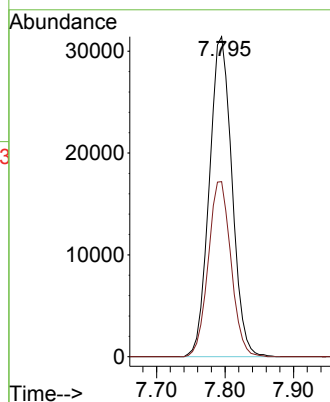
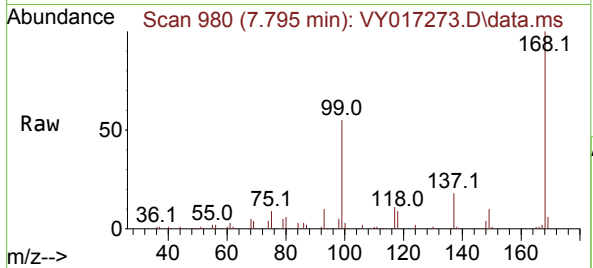




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

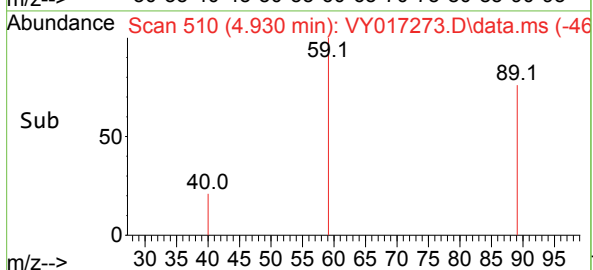
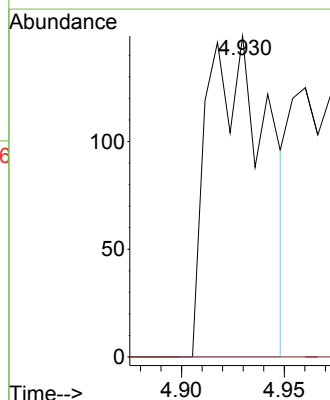
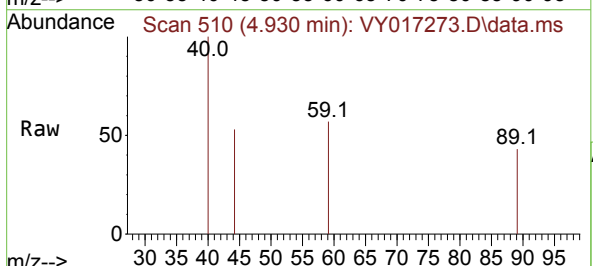
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-020524

Tgt Ion:168 Resp: 72091
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

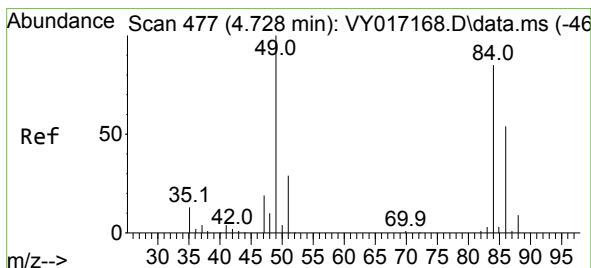
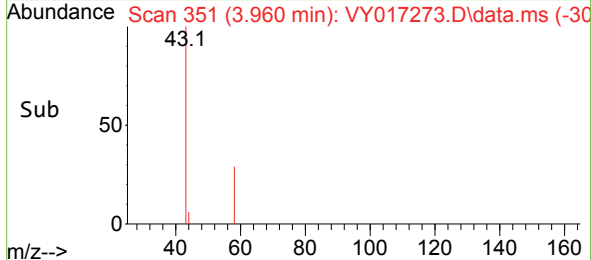
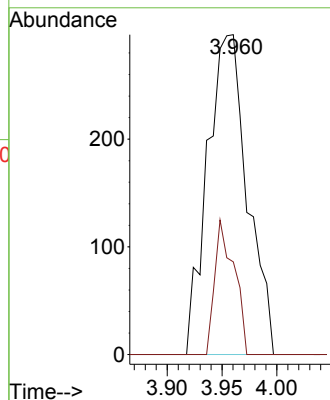
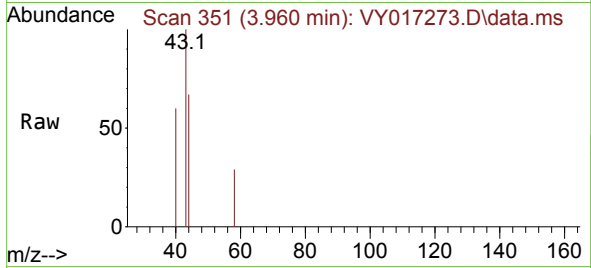




#16
Acetone
Concen: 3.989 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

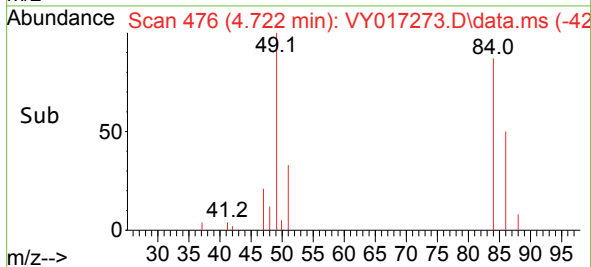
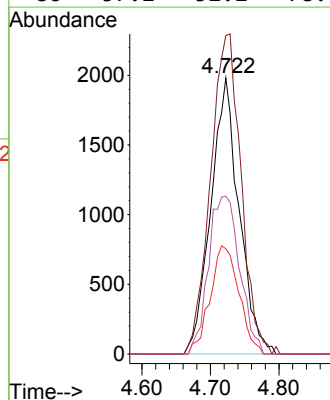
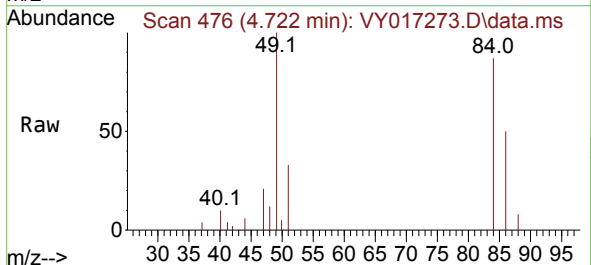
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-020524

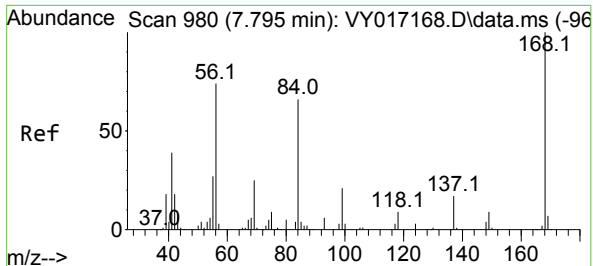
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 29.0 26.6 39.8



#20
Methylene Chloride
Concen: 4.098 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 84 Resp: 5670
Ion Ratio Lower Upper
84 100
49 115.4 95.2 142.8
51 38.2 29.9 44.9
86 57.2 52.2 78.4

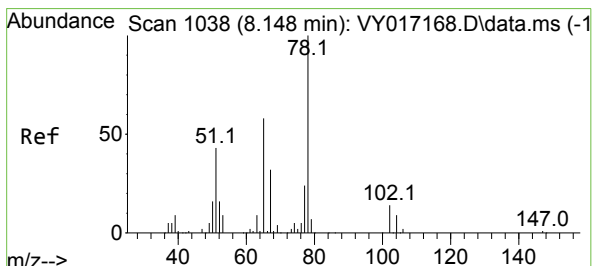
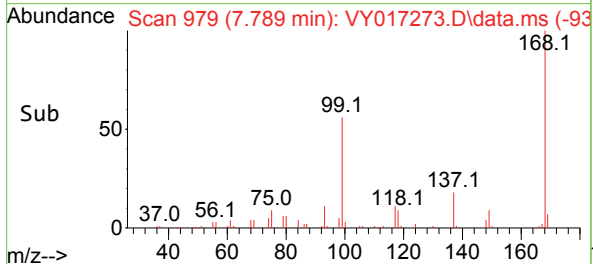
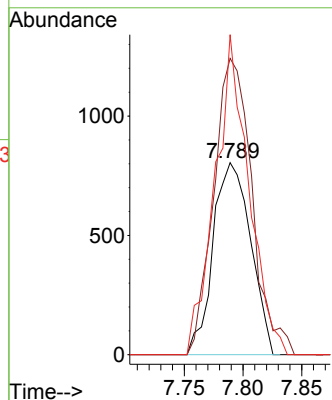
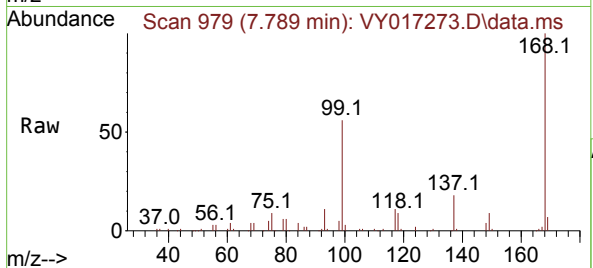




#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

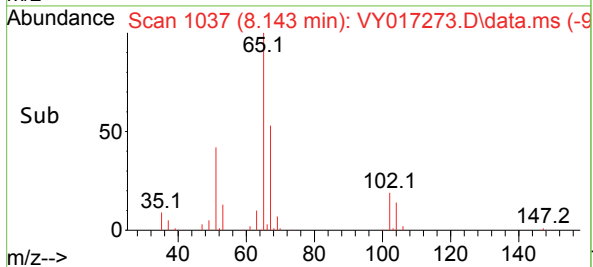
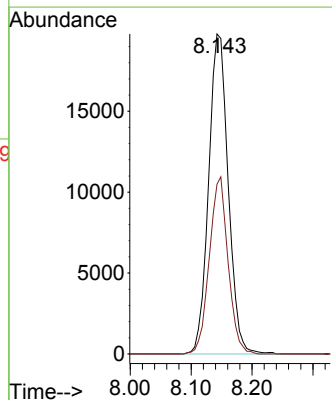
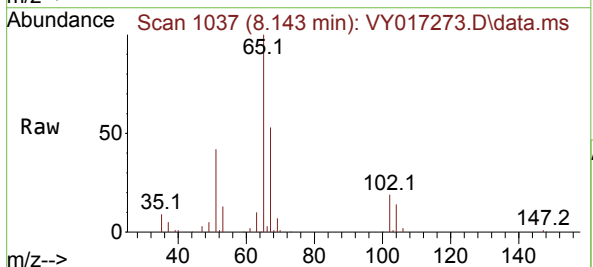
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-020524

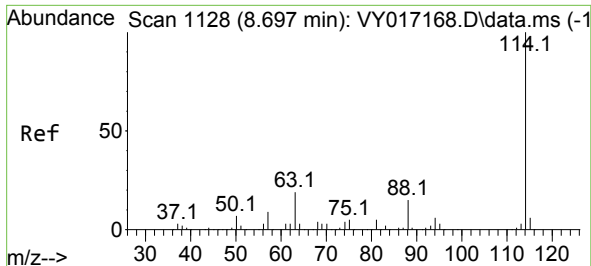
Tgt Ion: 56 Resp: 1790
Ion Ratio Lower Upper
56 100
69 154.3 27.0 40.6#
84 166.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 68.608 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 65 Resp: 44185
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0

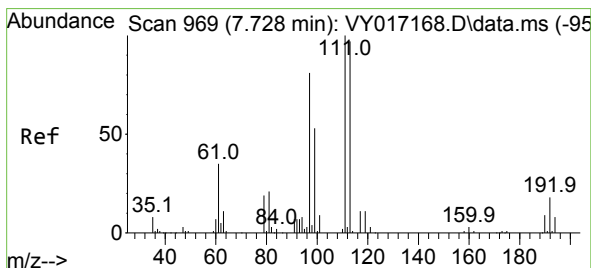
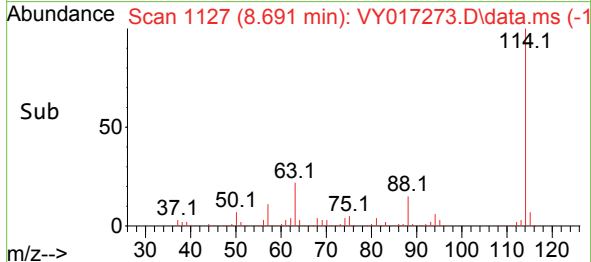
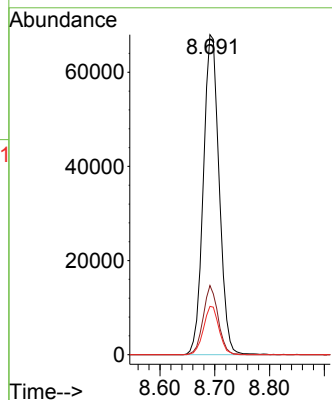
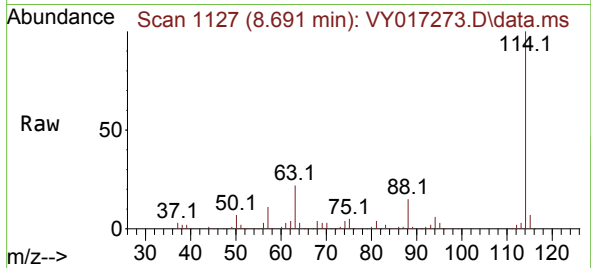




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

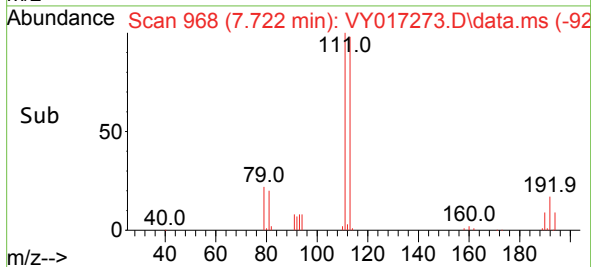
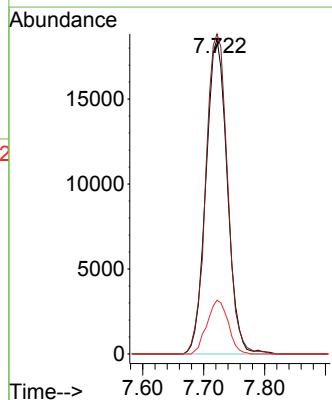
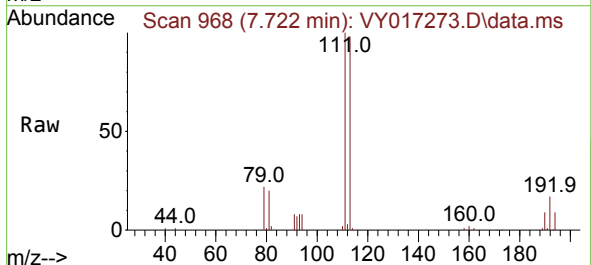
Instrument :
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ClientSampleId :
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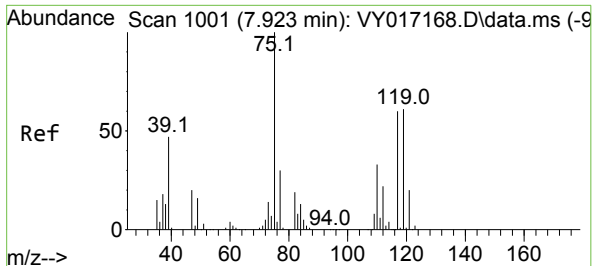
Tgt Ion:114 Resp: 135784
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 61.532 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion:113 Resp: 45112
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 16.9 14.5 21.7

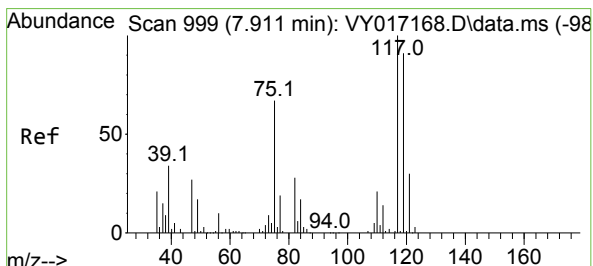
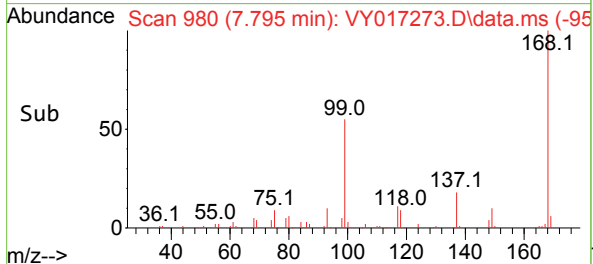
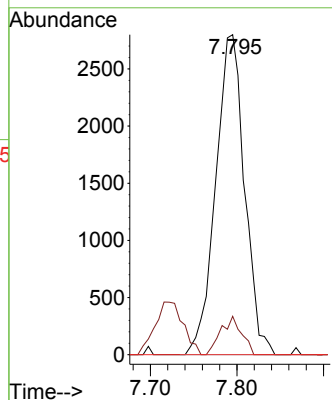
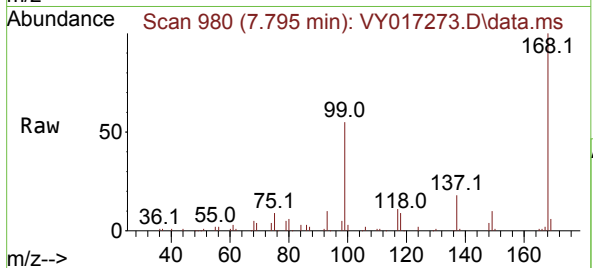




#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

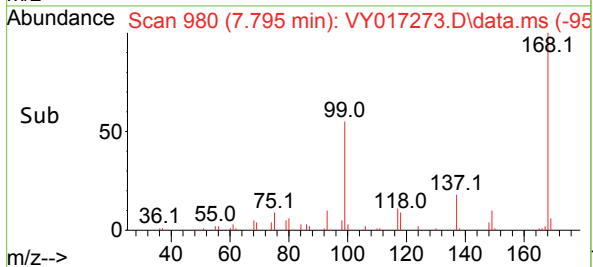
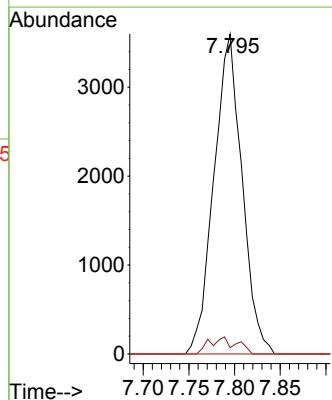
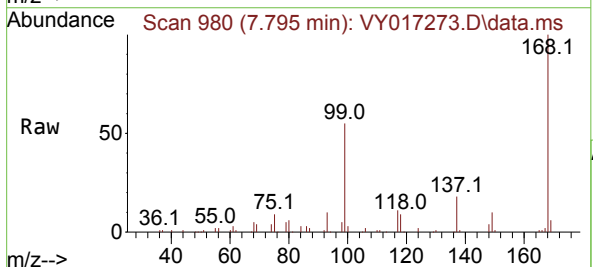
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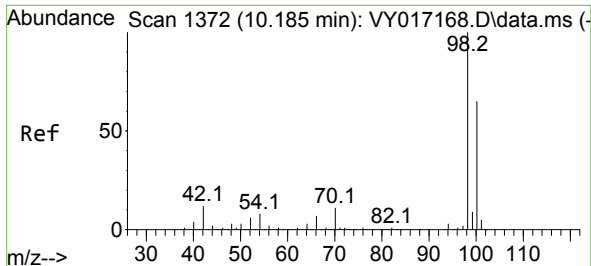
Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
110 8.6 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 117 Resp: 7696
Ion Ratio Lower Upper
117 100
119 2.0 76.0 114.0#
121 0.0 24.2 36.2#

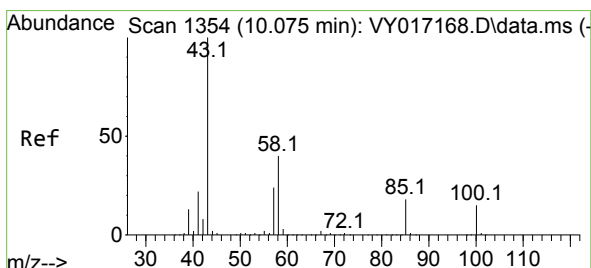
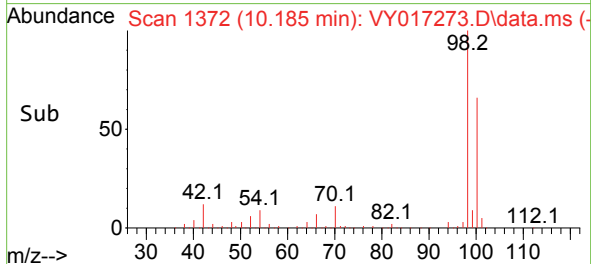
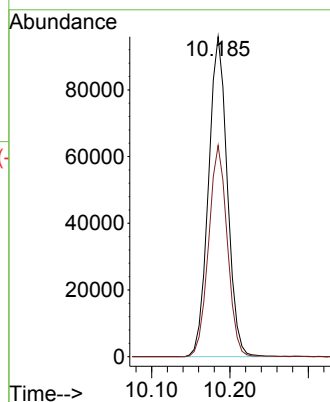
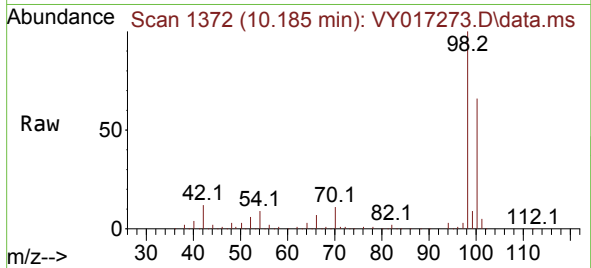




#50
Toluene-d8
Concen: 59.900 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

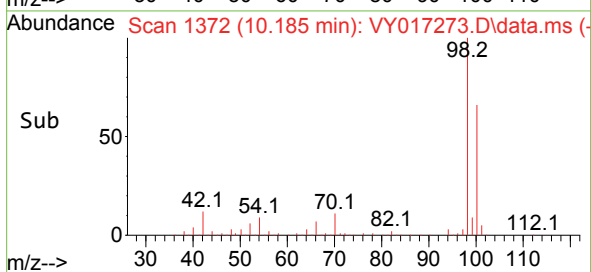
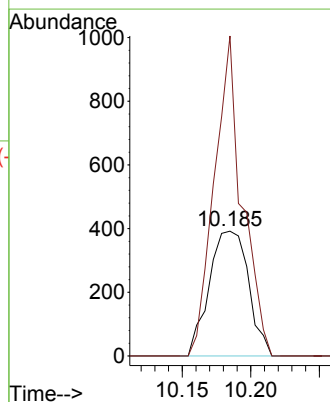
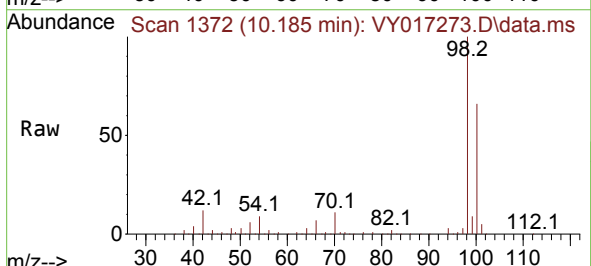
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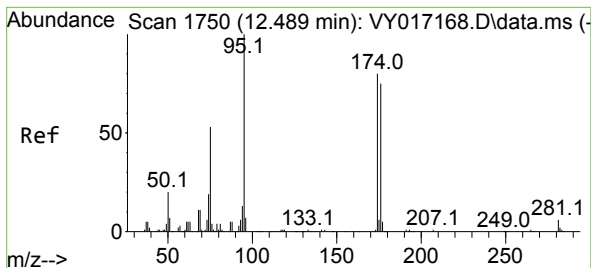
Tgt Ion: 98 Resp: 159892
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 182.6 32.2 48.2#

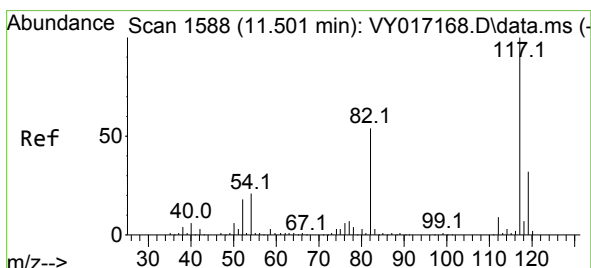
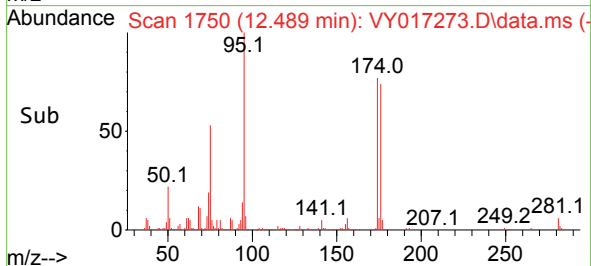
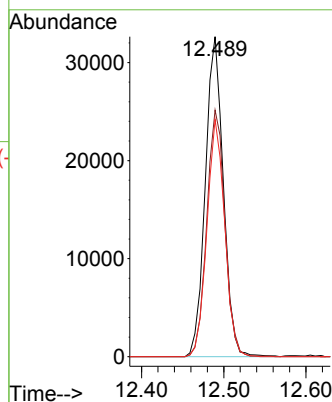
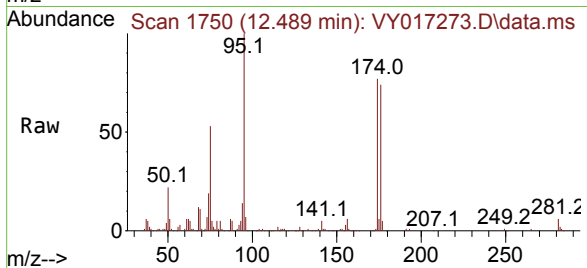




#62
4-Bromofluorobenzene
Concen: 56.945 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

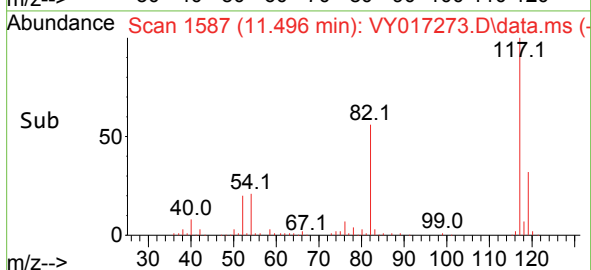
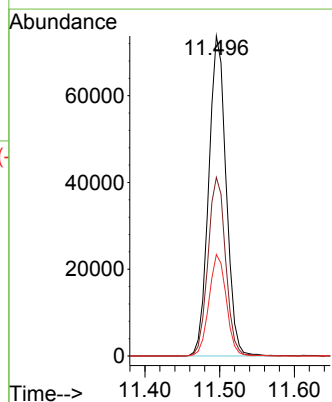
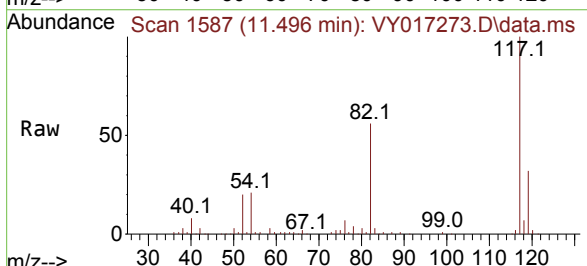
Instrument :
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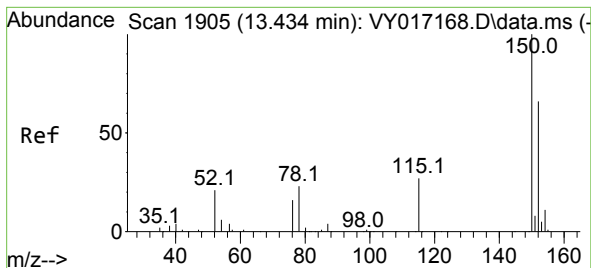
Tgt Ion:	95	Resp:	49794
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	160.0
176	73.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion:	117	Resp:	119207
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.8	65.8
119	31.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-020524

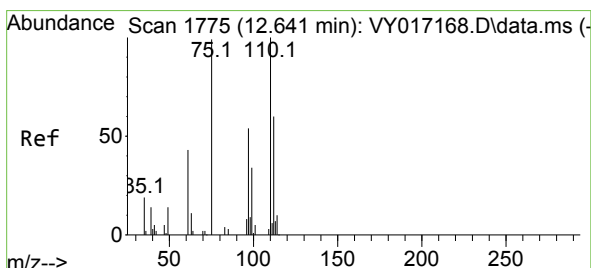
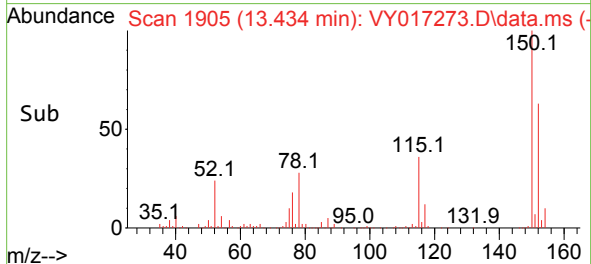
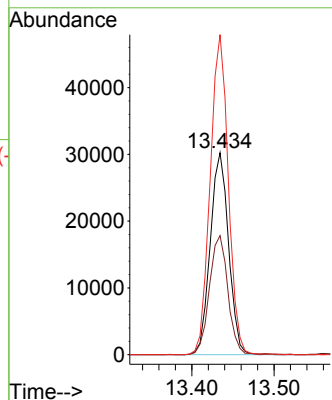
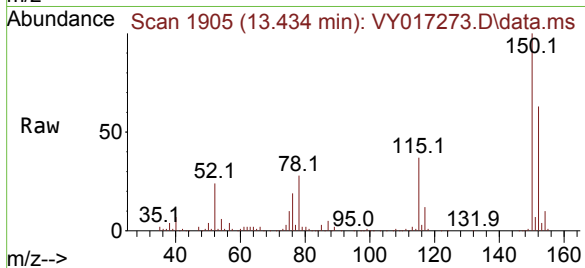
Tgt Ion:152 Resp: 46911

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 63.070 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017273.D

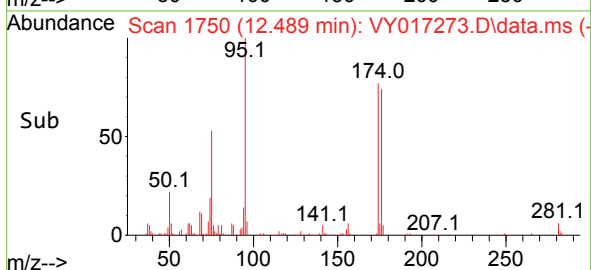
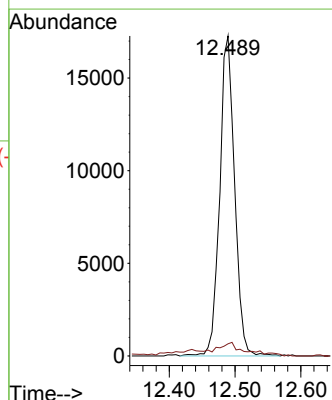
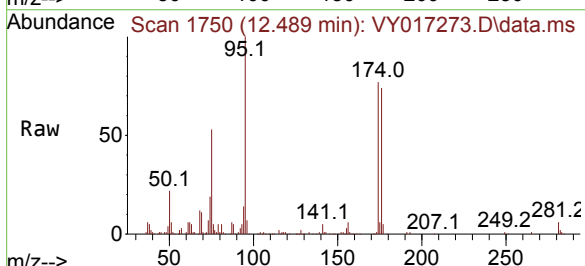
Acq: 06 Feb 2024 18:35

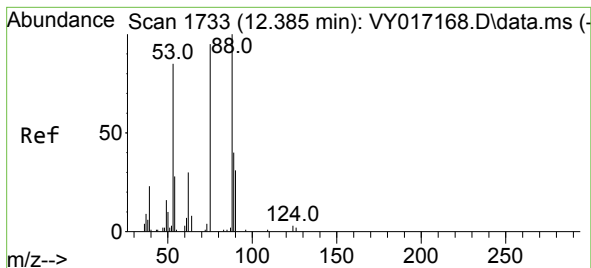
Tgt Ion: 75 Resp: 27308

Ion Ratio Lower Upper

75 100

77 3.2 0.0 0.0#

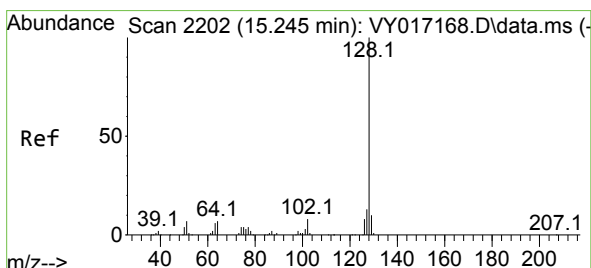
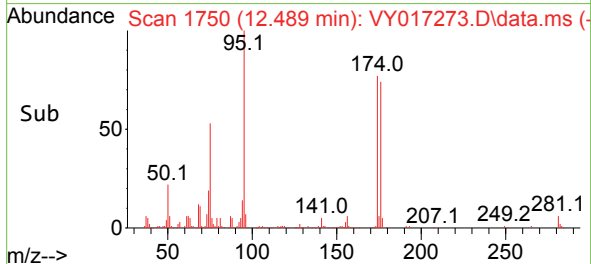
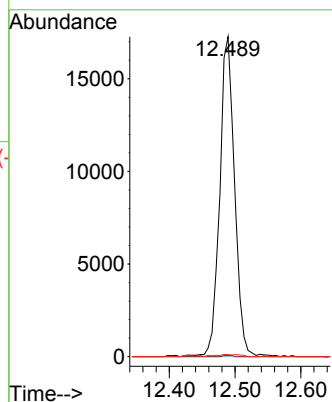
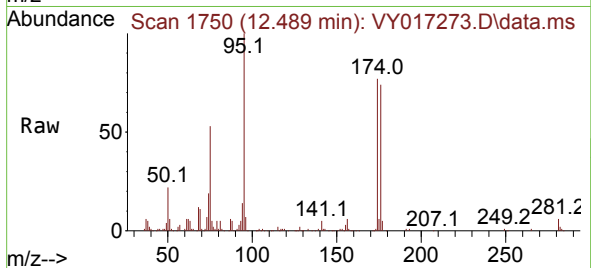




#81
trans-1,4-Dichloro-2-butene
Concen: 131.050 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-020524

Tgt Ion: 75 Resp: 27308
Ion Ratio Lower Upper
75 100
53 0.2 74.0 111.0#
89 1.2 36.5 54.7#



#95
Naphthalene
Concen: 3.841 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion:128 Resp: 556
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 3.6 8.6 12.8#

