

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075644.D
 Acq On : 12 Apr 2023 17:16
 Operator : KP/SY
 Sample : 02321-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-001

Quant Time: Apr 13 07:29:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

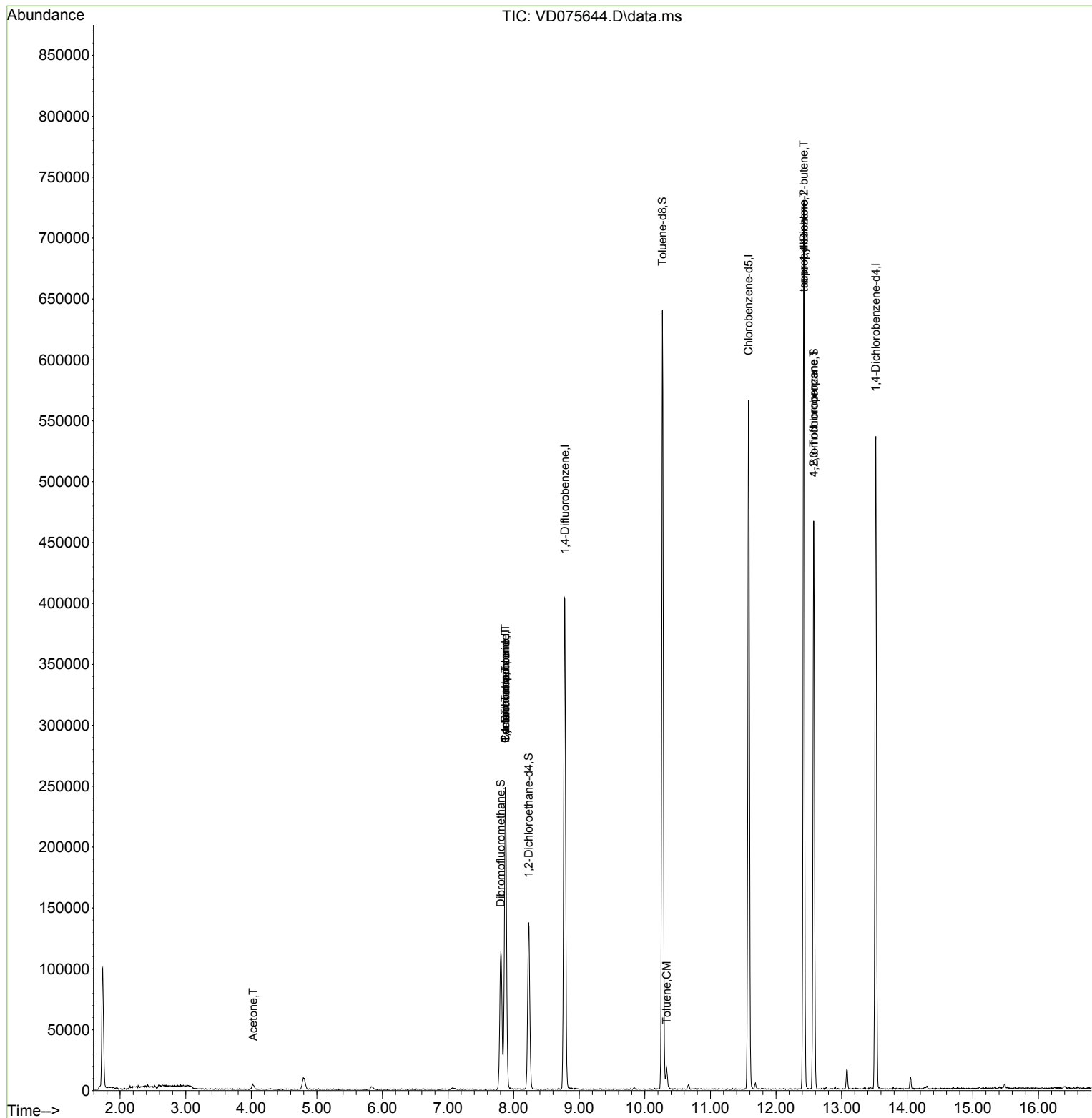
Internal Standards						
1) Pentafluorobenzene	7.875	168	200595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	391778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	360989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106207	64.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.080%
35) Dibromofluoromethane	7.804	113	85182	37.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.200%
50) Toluene-d8	10.269	98	456785	50.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.575	95	145252	54.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.640%
Target Compounds						
16) Acetone	4.028	43	5929	19.774	ug/l #	72
20) Methylene Chloride	4.793	84	8949	Below Cal	#	73
31) Cyclohexane	7.875	56	3902	1.630	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15330	5.228	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18936	6.734	ug/l #	18
52) Toluene	10.333	92	6408	1.004	ug/l	92
73) Isopropylbenzene	12.422	105	468330	48.153	ug/l	98
76) 1,2,3-Trichloropropane	12.575	75	73068	71.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.422	75	5288	9.881	ug/l #	54

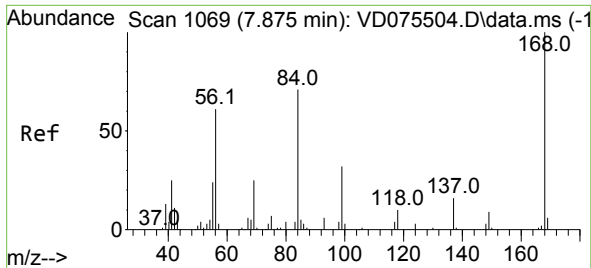
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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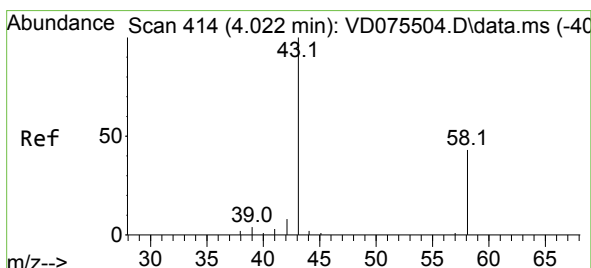
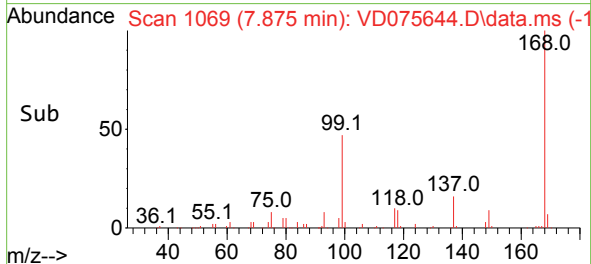
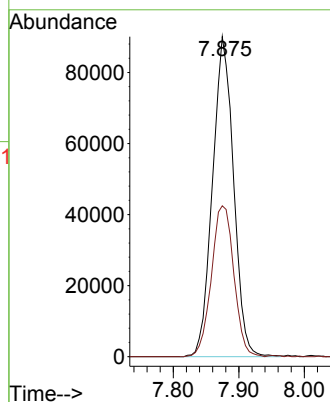
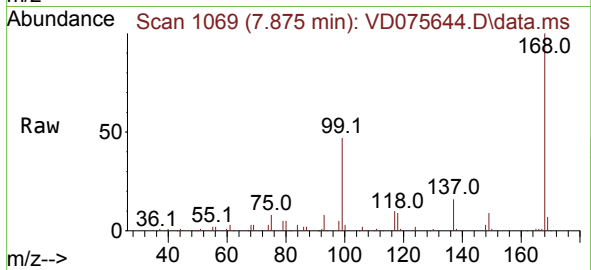




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

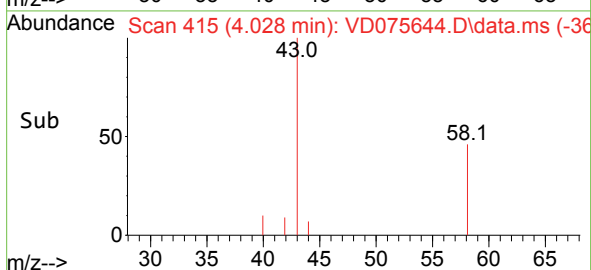
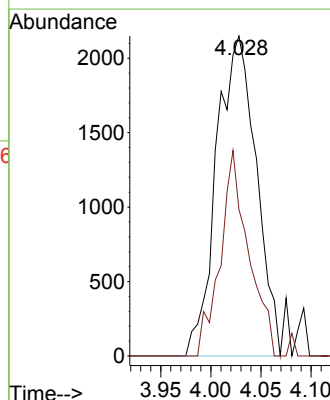
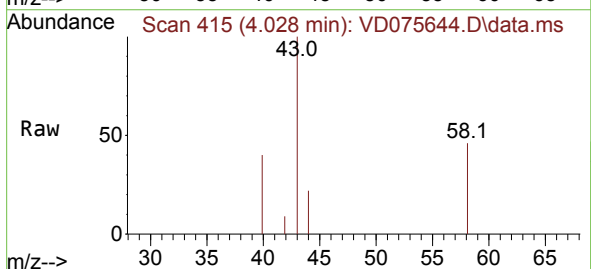
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

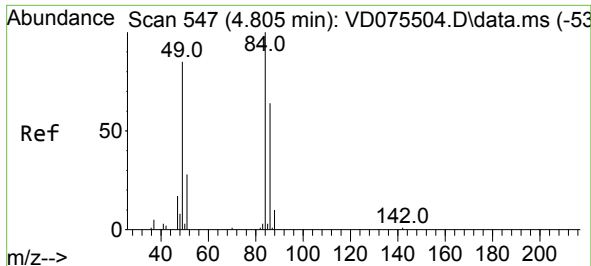
Tgt Ion:168 Resp: 200595
Ion Ratio Lower Upper
168 100
99 47.2 43.8 65.6



#16
Acetone
Concen: 19.774 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

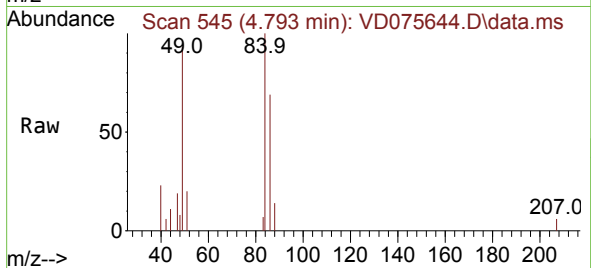
Tgt Ion: 43 Resp: 5929
Ion Ratio Lower Upper
43 100
58 45.8 24.4 36.6#



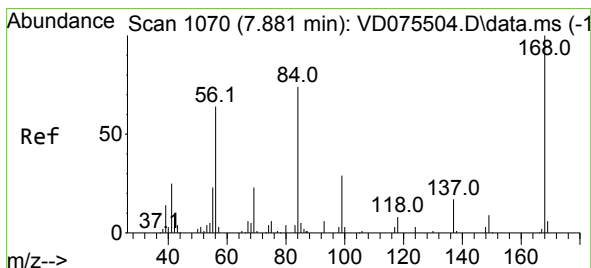
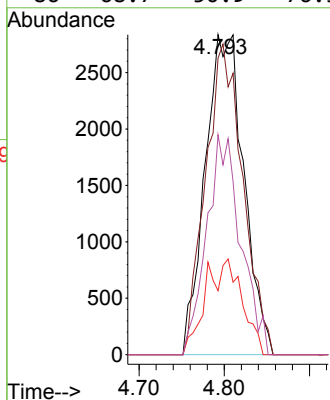
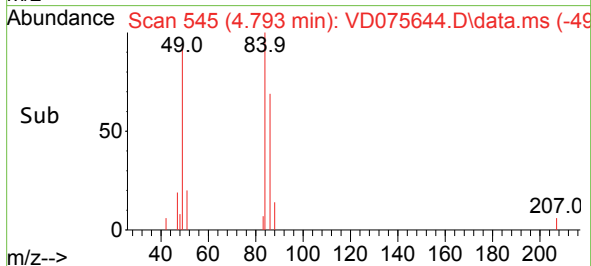


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

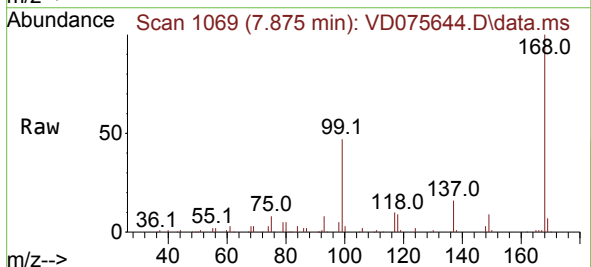
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001



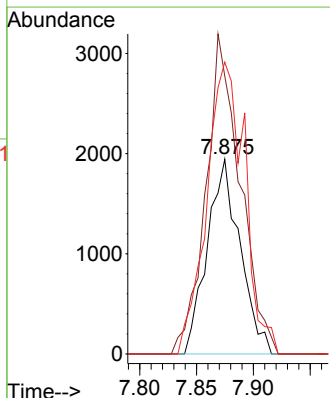
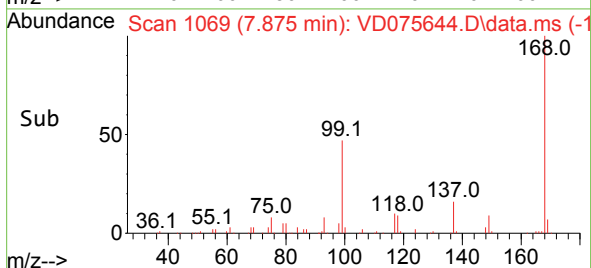
Tgt Ion:	84	Resp:	8949
Ion	Ratio	Lower	Upper
84	100		
49	92.6	106.4	159.6#
51	20.0	32.4	48.6#
86	68.7	50.9	76.3

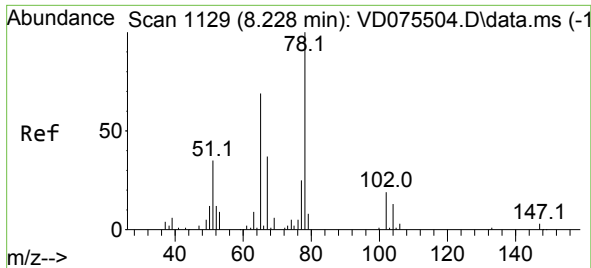


#31
Cyclohexane
Concen: 1.630 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16



Tgt Ion:	56	Resp:	3902
Ion	Ratio	Lower	Upper
56	100		
69	142.7	25.5	38.3#
84	149.8	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 64.541 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075644.D

Acq: 12 Apr 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

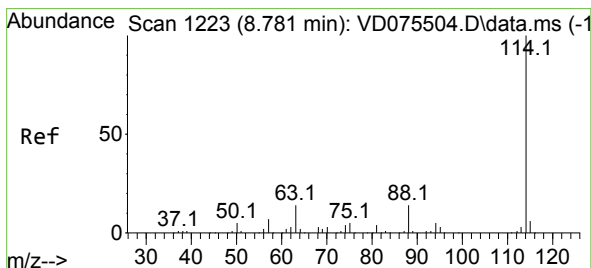
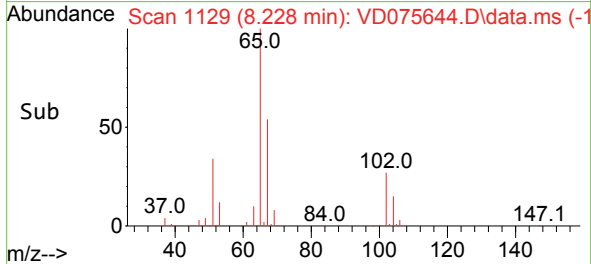
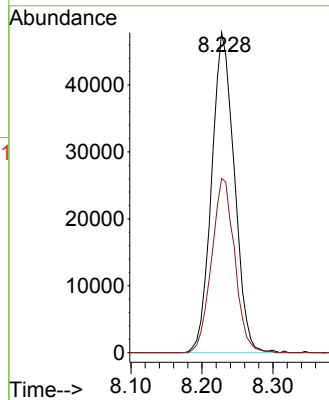
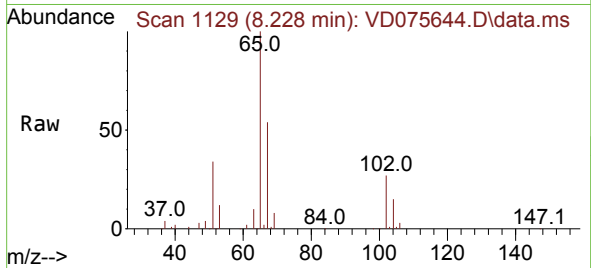
E9074-BAYC-001

Tgt Ion: 65 Resp: 106207

Ion Ratio Lower Upper

65 100

67 55.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075644.D

Acq: 12 Apr 2023 17:16

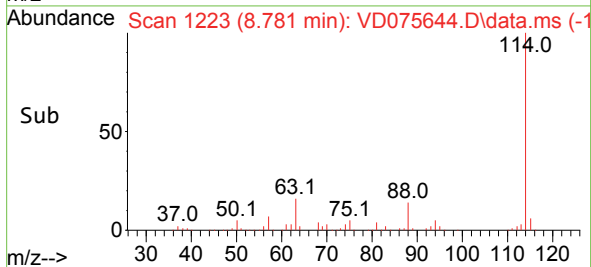
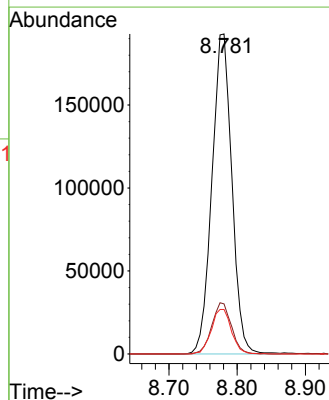
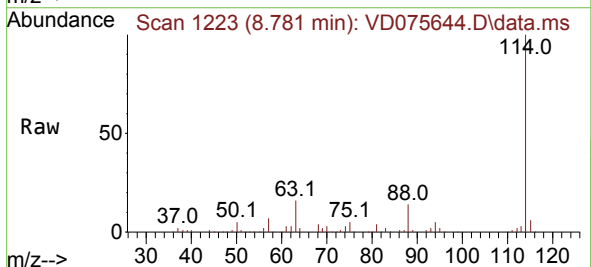
Tgt Ion: 114 Resp: 391778

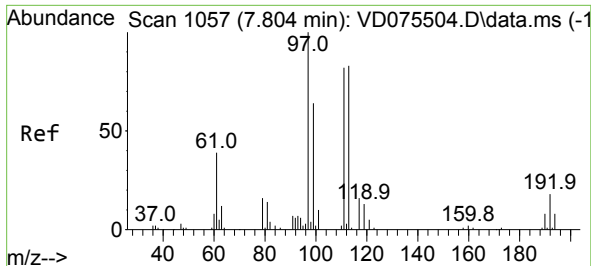
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 13.9 0.0 30.6

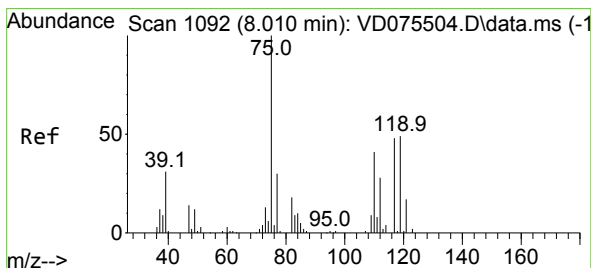
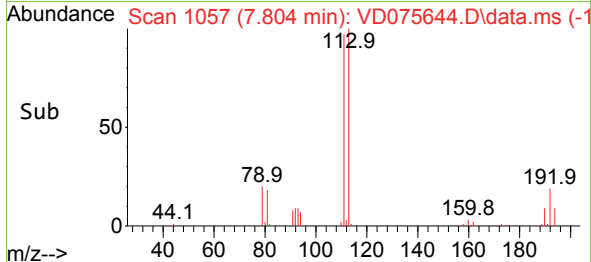
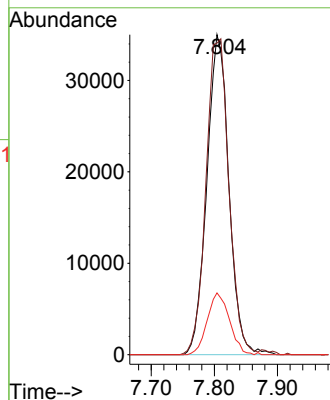
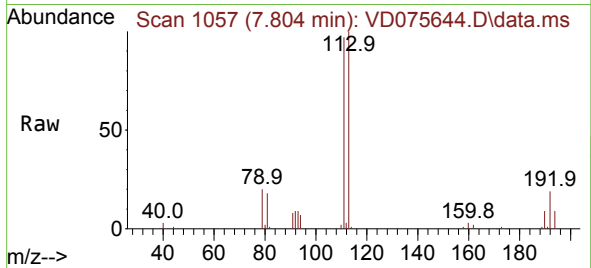




#35
 Dibromofluoromethane
 Concen: 37.099 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD075644.D
 Acq: 12 Apr 2023 17:16

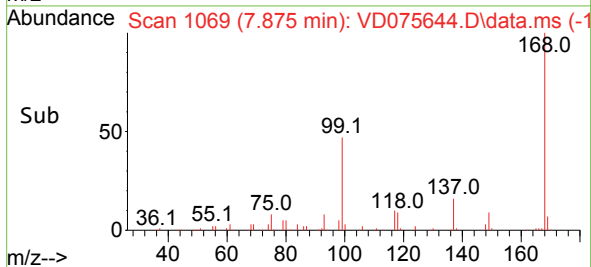
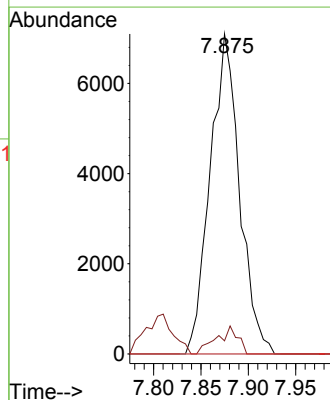
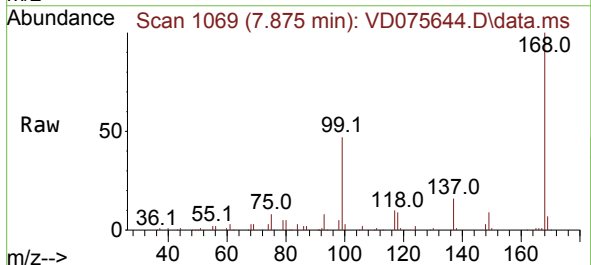
Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-001

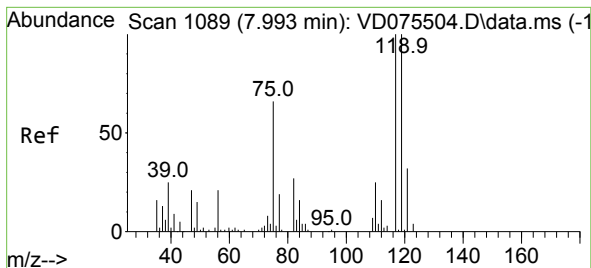
Tgt Ion:113 Resp: 85182
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 19.4 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 5.228 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.130 min
 Lab File: VD075644.D
 Acq: 12 Apr 2023 17:16

Tgt Ion: 75 Resp: 15330
 Ion Ratio Lower Upper
 75 100
 110 6.3 17.1 51.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.734 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075644.D

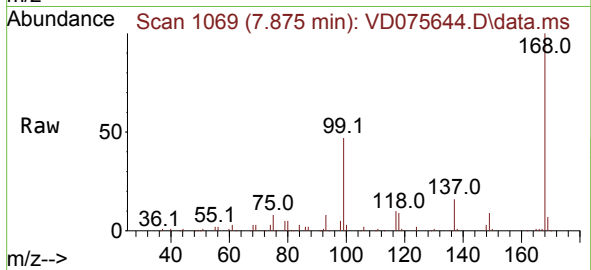
Acq: 12 Apr 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

E9074-BAYC-001



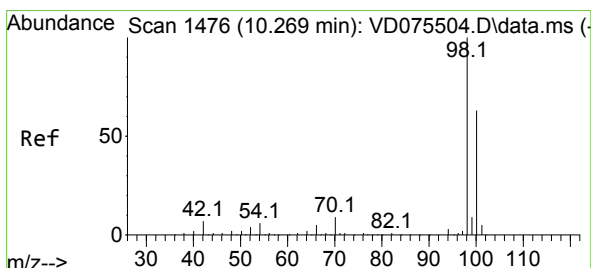
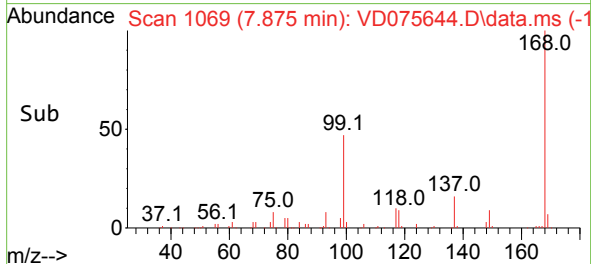
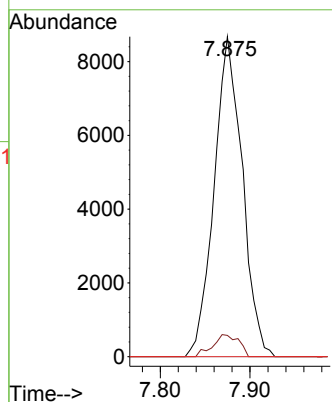
Tgt Ion:117 Resp: 18936

Ion Ratio Lower Upper

117 100

119 6.6 74.7 112.1#

121 0.0 25.9 38.9#



#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075644.D

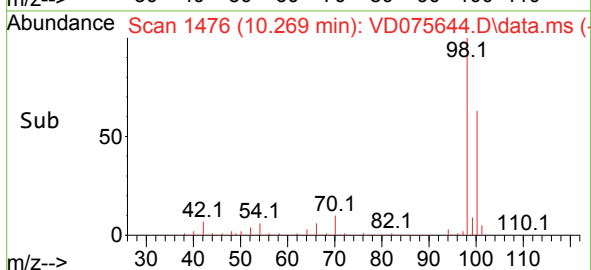
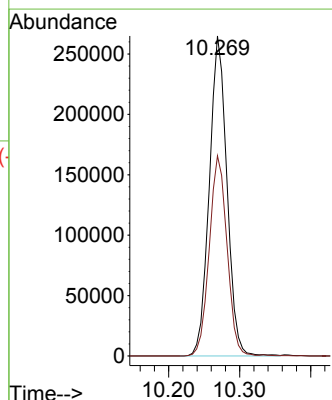
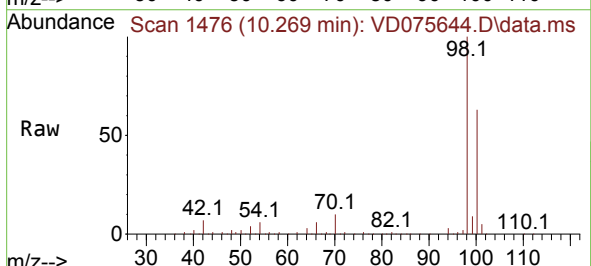
Acq: 12 Apr 2023 17:16

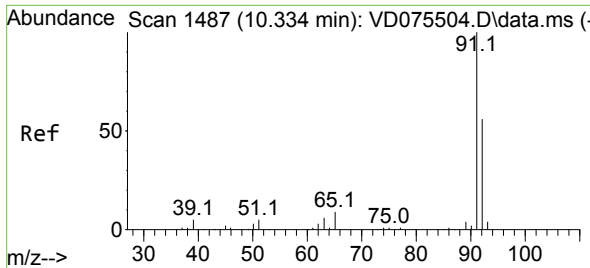
Tgt Ion: 98 Resp: 456785

Ion Ratio Lower Upper

98 100

100 62.9 52.1 78.1

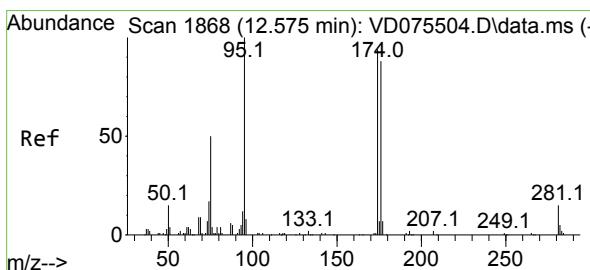
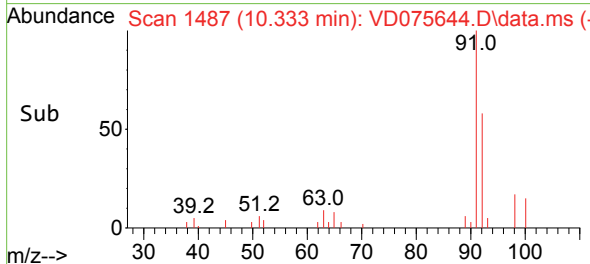
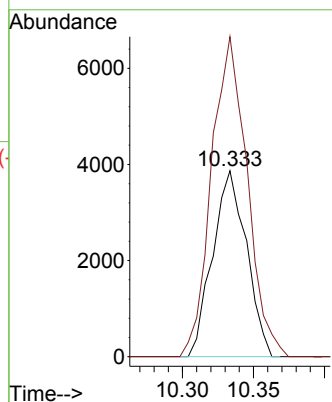
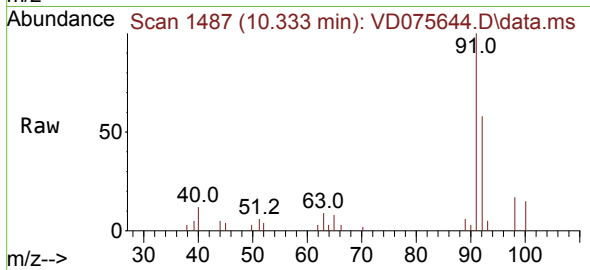




#52
Toluene
Concen: 1.004 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

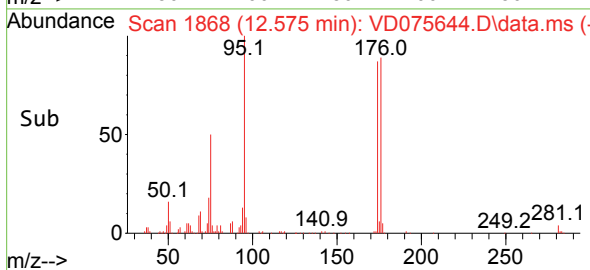
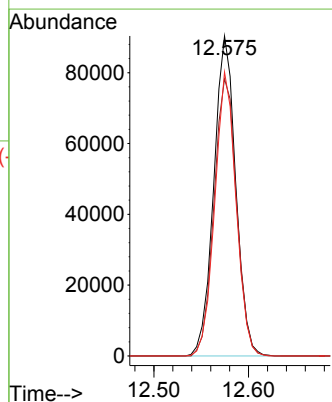
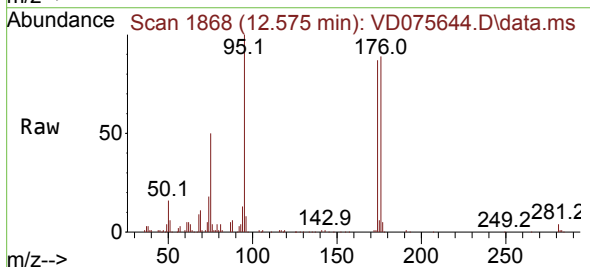
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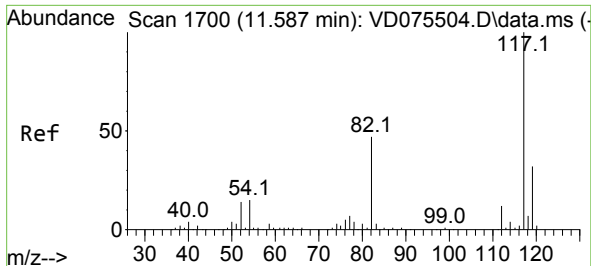
Tgt Ion: 92 Resp: 6408
Ion Ratio Lower Upper
92 100
91 181.3 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 54.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion: 95 Resp: 145252
Ion Ratio Lower Upper
95 100
174 89.3 0.0 164.0
176 86.0 0.0 156.8

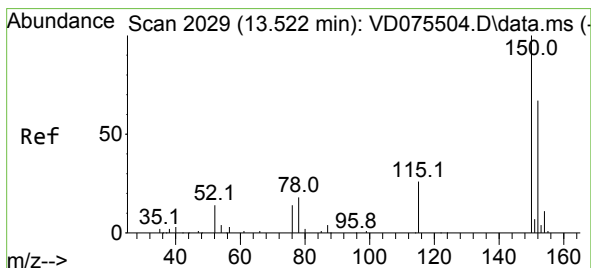
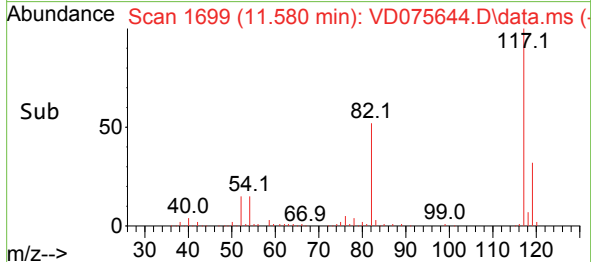
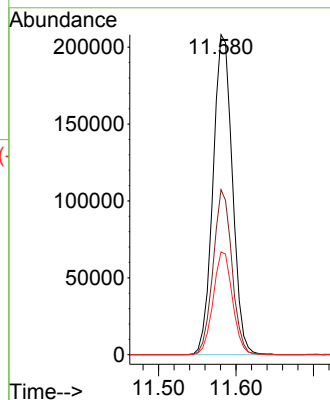
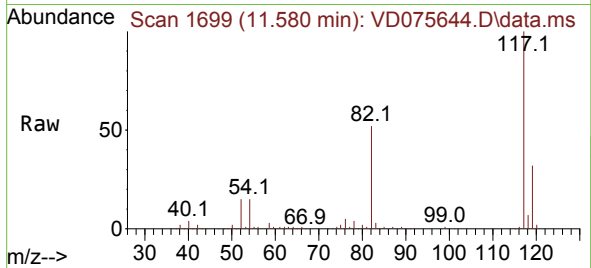




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.007 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

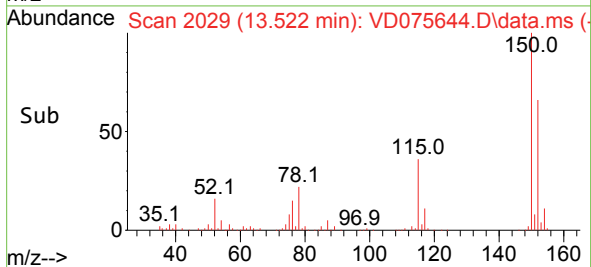
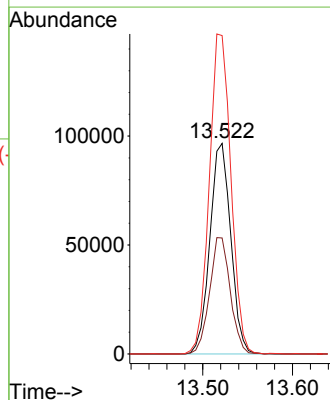
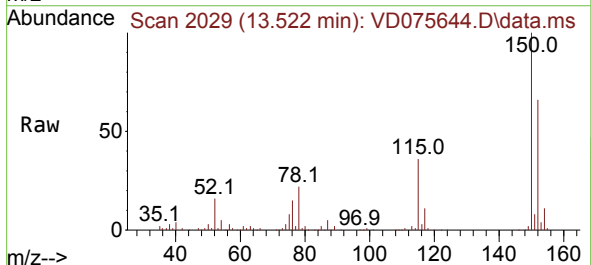
Instrument :
MSVOA_D
ClientSampleId :
E9074-BAYC-001

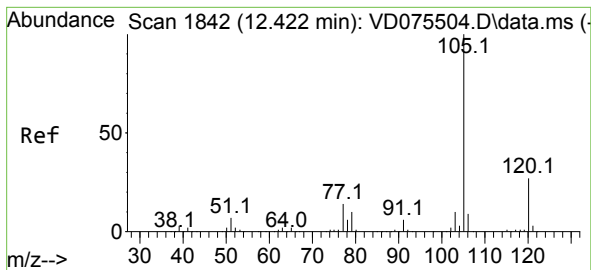
Tgt Ion:117 Resp: 360989
Ion Ratio Lower Upper
117 100
82 51.6 44.0 66.0
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075644.D
Acq: 12 Apr 2023 17:16

Tgt Ion:152 Resp: 156730
Ion Ratio Lower Upper
152 100
115 54.6 30.1 90.3
150 156.3 0.0 364.8





#73

Isopropylbenzene

Concen: 48.153 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075644.D

Acq: 12 Apr 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

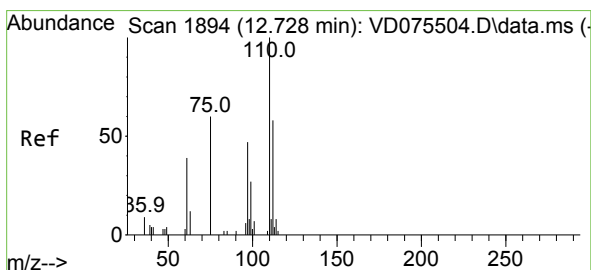
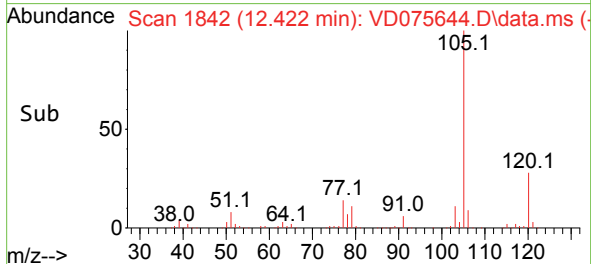
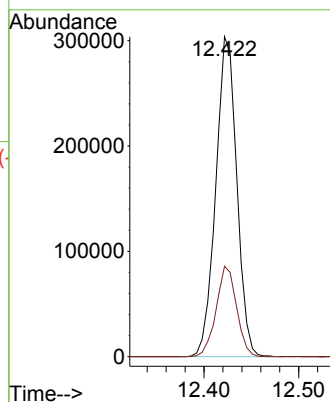
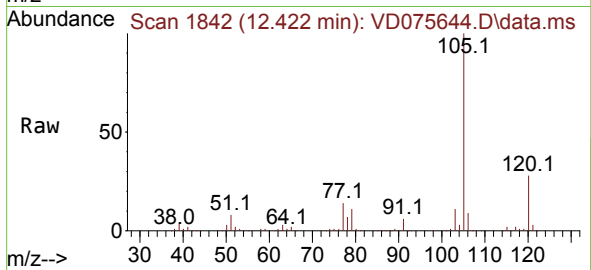
E9074-BAYC-001

Tgt Ion:105 Resp: 468330

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#76

1,2,3-Trichloropropane

Concen: 71.709 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075644.D

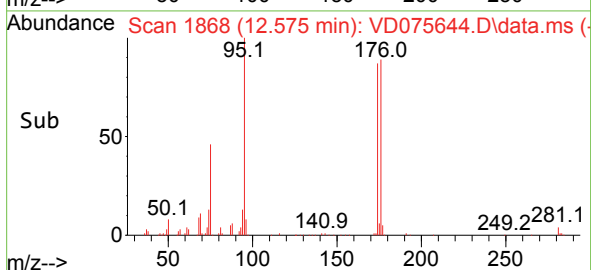
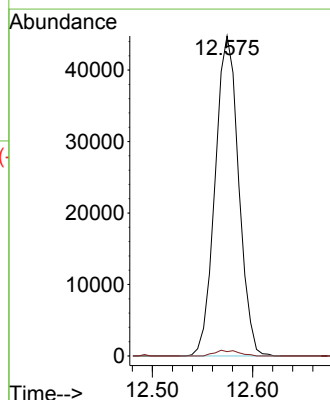
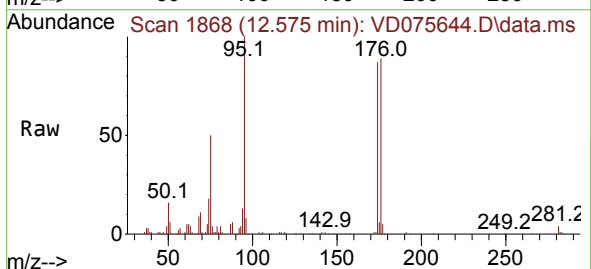
Acq: 12 Apr 2023 17:16

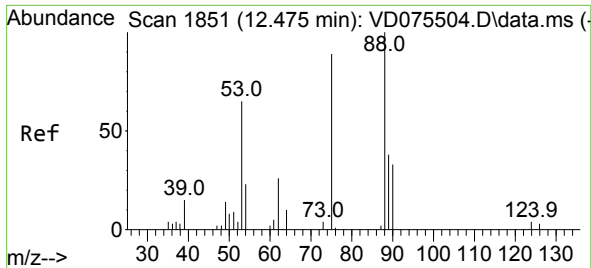
Tgt Ion: 75 Resp: 73068

Ion Ratio Lower Upper

75 100

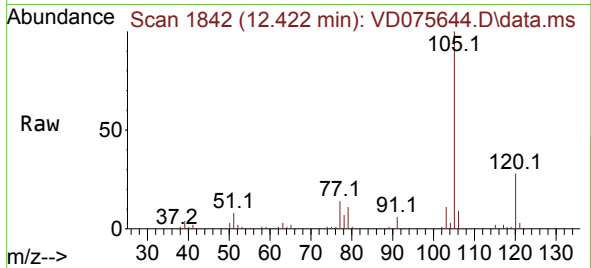
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.881 ug/l
 RT: 12.422 min Scan# 11
 Delta R.T. -0.047 min
 Lab File: VD075644.D
 Acq: 12 Apr 2023 17:16

Instrument :
 MSVOA_D
 ClientSampleId :
 E9074-BAYC-001



Tgt Ion: 75 Resp: 5288
 Ion Ratio Lower Upper
 75 100
 53 84.1 90.5 135.7#
 89 111.8 40.2 60.4#

